ANALYTICAL REPORT

Job Number: 240-18544-1

Job Description: RVAAP - ECC

For:
Environmental Chemical Corp.
33 Boston Post Road West
Suite 40
Marlborough, MA 01752

Attention: Mr. Jackson Kiker



Approved for release.
Mark J Loeb
Project Manager II
1/8/2013 2:14 PM

Mark J Loeb
Project Manager II
mark.loeb@testamericainc.com
01/08/2013

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TestAmerica Laboratories, Inc.
TestAmerica Canton 4101 Shuffel Street NW, North Canton, OH 44720
Tel (330) 497-9396 Fax (330) 497-0772 www.testamericainc.com

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CASE NARRATIVE

Client: Environmental Chemical Corp.

Project: RVAAP - ECC

Report Number: 240-18544-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 12/7/2012 5:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 7 coolers at receipt time were 2.9º C, 3.2º C, 3.2º C, 3.7º C, 4.0º C, 4.2º C and 4.8º C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 072SB-0063-0001-SO (240-18544-1), 072SB-0064-0001-SO (240-18544-2), 072SB-0065-0001-SO (240-18544-3), 072SB-0066-0001-SO (240-18544-4), 072SB-0067-0001-SO (240-18544-5), 072SB-0068-0001-SO (240-18544-6), 076SB-0090M-0001-SO (240-18544-7), 076SB-0091M-0001-SO (240-18544-8), 076SB-0092-0001-SO (240-18544-10), 076SB-0093-0001-SO (240-18544-11), 076SB-0094-0001-SO (240-18544-12), 076SB-0095-0001-SO (240-18544-13), 076SB-0096-0001-SO (240-18544-14), 076SB-0097-0001-SO (240-18544-15), 076SB-0098-0001-SO (240-18544-16), 076SB-0099-0001-SO (240-18544-17), 076SB-0078-0001-SO (240-18544-18), 076SB-0100M-0001-SO (240-18544-19), 076SB-0101M-0001-SO (240-18544-20), 076SB-0102M-0001-SO (240-18544-21), 076SB-0103M-0001-SO (240-18544-22), 076SB-0104M-0001-SO (240-18544-23), 076SB-0105M-0001-SO (240-18544-24), 076SB-0106M-0001-SO (240-18544-25), 076SB-0107M-0001-SO (240-18544-26), 076SB-0108M-0001-SO (240-18544-27), 076SB-0109M-0001-SO (240-18544-28), 076SB-0110M-0001-SO (240-18544-29), 076SB-0111M-0001-SO (240-18544-30), 076SB-0112M-0001-SO (240-18544-31), 076SB-0113M-0001-SO (240-18544-32), 076SB-0114M-0001-SO (240-18544-33) and 076SB-0115M-0001-SO (240-18544-34) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B DoD. The samples were prepared on 12/07/2012 and analyzed on 12/14/2012, 12/15/2012, 12/16/2012 and 12/17/2012.

2-Hexanone was detected in method blank MB 240-68830/15 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

Several analytes were detected in method blank MB 240-68879/7 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

Methylene Chloride failed the recovery criteria high for MRL 240-68830/14. 2-Hexanone and 4-Methyl-2-pentanone (MIBK) failed the recovery criteria low for MRL 240-68830/33. Methylene Chloride failed the recovery criteria high. Refer to the QC report for details.

4-Bromofluorobenzene (Surr) failed the surrogate recovery criteria low for samples 072SB-0063-0001-SOMS (240-18544-1MS), 072SB-0064-0001-SO (240-18544-2), 076SB-0094-0001-SO (240-18544-12), 076SB-0099-0001-SO (240-18544-17), and

076SB-0113M-0001-SO (240-18544-32).

4-Bromofluorobenzene (Surr) and Toluene-d8 (Surr) failed the surrogate recovery criteria low for 072SB-0063-0001-SOMSD (240-18544-1MSD).

Terra cores were received with no tare weight, so an average tare weight was used.

The compound Methylene Chloride had a recovery that exceeded the 70-130% recovery criteria for the opening MRL for batch 68830, but was within allowable outlier criteria of 60-140%, therefore the batch was accepted.

Surrogate recovery for the following samples were outside control limits: 076SB-0094-0001-SO (240-18544-12), 076SB-0099-0001-SO (240-18544-17), 072SB-0064-0001-SO (240-18544-2), 072SB-0063-0002-SO (240-18544-1 MS), 072SB-0063-0002-SO (240-18544-1 MSD) and 076SB-0113M-0001-SO (240-18544-32). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Compounds 2-Hexanone, 4-Methyl-2-pentanone and Methylene Chloride had recoveries that exceeded the 70-130% recovery criteria for the closing MRL for batch 68830, but were within allowable outlier criteria of 60-140%, therefore the batch was accepted.

Surrogate recoveries for the closing (MRL) were outside control limits: (MRL 240-68663/32). Since the surrogate recoveries for the opening (MRL) were within control limits; no corrective action was taken.

Surrogate recoveries for the closing (MRL) were outside control limits: (MRL 240-68663/32). Since surrogate recoveries for the opening (MRL) were within control limits; no corrective action was taken.

The compound 2-Hexanone had a recovery that exceeded the 70-130% recovery criteria for the opening MRLfor batch 68905, but was within allowable outlier criteria of 60-140%, therefore the batch was accepted.

The compound Methylene Chloride had a recovery that exceeded the 70-130% recovery criteria for the closing MRL for batch 68905, but was within allowable outlier criteria of 60-140%, therefore the batch was accepted.

Internal standard responses were outside of acceptance limits for the following samples: 070SB-044M-0001-SO (240-18581-3), 070SB-044M-0002-SO (240-18581-3 MSD). The samples show evidence of matrix interference.

Surrogate recovery for the following samples were outside control limits: 070SB-044M-0001-SO (240-18581-3), 070SB-044M-0002-SO (240-18581-3 MSD). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

No other difficulties were encountered during the VOCs analyses. All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 072SB-0069-0001-TB (240-18544-9), 076SB-0116-0001-TB (240-18544-35), 076SB-0117-0001-TB (240-18544-36) and 076SB-0118-0001-TB (240-18544-37) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B DoD. The samples were analyzed on 12/12/2012.

Methylene Chloride was detected in method blank MB 240-68395/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Methylene Chloride failed the recovery criteria high for MRL 240-68395/22. 1,1,2,2-Tetrachloroethane and Methylene Chloride failed the recovery criteria high for MRL 240-68395/4. Refer to the QC report for details.

No other difficulties were encountered during the VOCs analyses. All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS) WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SB-0098-0001-SO (240-18544-16), 076SB-0100M-0001-SO (240-18544-19), 076SB-0101M-0001-SO (240-18544-20), 076SB-0102M-0001-SO (240-18544-21), 076SB-0103M-0001-SO (240-18544-22), 076SB-0104M-0001-SO (240-18544-23), 076SB-0105M-0001-SO (240-18544-24), 076SB-0106M-0001-SO (240-18544-25), 076SB-0107M-0001-SO (240-18544-26), 076SB-0108M-0001-SO (240-18544-27), 076SB-0109M-0001-SO (240-18544-28), 076SB-0110M-0001-SO (240-18544-29), 076SB-0112M-0001-SO (240-18544-31), 076SB-0114M-0001-SO (240-18544-33) and 076SB-0115M-0001-SO (240-18544-34) were analyzed for Polychlorinated biphenyls (PCBs) with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 8082 DOD. The sample drying and disaggregation process began on 12/07/2012 and 12/10/2012, were prepared on 12/18/2012 and analyzed on 12/20/2012.

The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: 076SB-0098-0001-SO (240-18544-16), 076SB-0100M-0001-SO (240-18544-19), 076SB-0100M-0002-SO (240-18544-19 MS), 076SB-0100M-0002-SO (240-18544-19 MSD), 076SB-0104M-0001-SO (240-18544-23), 076SB-0105M-0001-SO (240-18544-24), 076SB-0109M-0001-SO (240-18544-28), 076SB-0110M-0001-SO (240-18544-29), 076SB-0112M-0001-SO (240-18544-31), 076SB-0114M-0001-SO (240-18544-33), 076SB-0115M-0001-SO (240-18544-34). Lot # s65830

DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 076SB-0104M-0001-SO (240-18544-23). Refer to the QC report for

details.

Surrogate recovery for the following sample was outside control limits: 076SB-0104M-0001-SO (240-18544-23). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Surrogate recovery for the following samples was outside control limits: 070SB-047M-0001-SO (240-18581-6). Re-extraction and/or re-analysis was performed outside of holding time with acceptable results. Only the re-extract data is reported.

No other difficulties were encountered during the PCBs analyses. All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS) WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SB-0090M-0001-SO (240-18544-7), 076SB-0091M-0001-SO (240-18544-8), 076SB-0092-0001-SO (240-18544-10), 076SB-0093-0001-SO (240-18544-11), 076SB-0094-0001-SO (240-18544-12), 076SB-0095-0001-SO (240-18544-13), 076SB-0096-0001-SO (240-18544-14), 076SB-0097-0001-SO (240-18544-15), 076SB-0098-0001-SO (240-18544-16), 076SB-0099-0001-SO (240-18544-17), 076SB-0100M-0001-SO (240-18544-19), 076SB-0101M-0001-SO (240-18544-20), 076SB-0102M-0001-SO (240-18544-21), 076SB-0103M-0001-SO (240-18544-22), 076SB-0104M-0001-SO (240-18544-23), 076SB-0105M-0001-SO (240-18544-24), 076SB-0106M-0001-SO (240-18544-25), 076SB-0107M-0001-SO (240-18544-26), 076SB-0108M-0001-SO (240-18544-27), 076SB-0109M-0001-SO (240-18544-28), 076SB-0110M-0001-SO (240-18544-29), 076SB-0111M-0001-SO (240-18544-30), 076SB-0112M-0001-SO (240-18544-31), 076SB-0113M-0001-SO (240-18544-32), 076SB-0114M-0001-SO (240-18544-33) and 076SB-0115M-0001-SO (240-18544-34) were analyzed for semivolatile organic compounds (GC-MS) with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 8270 DoD. The sample drying and disaggregation process began on 12/07/2012 and 12/10/2012, were prepared on 12/18/2012 and 12/27/2012 and analyzed on 12/23/2012, 12/24/2012, 12/26/2012 and 12/29/2012.

Bis(2-ethylhexyl) phthalate was detected in method blanks MB 240-69176/23-A and MB 240-69185/20-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

2,4,6-Tribromophenol (Surr) failed the surrogate recovery criteria low for 076SB-0106M-0001-SO (240-18544-25). Refer to the QC report for details.

The following sample(s) was diluted due to the nature of the sample matrix: 076SB-0112M-0001-SO (240-18544-31), 076SB-0113M-0001-SO (240-18544-32). Elevated reporting limits (RLs) are provided.

An acid surrogate recovery for the following sample was outside control limits: 076SB-0106M-0001-SO (240-18544-25). Re-extraction and re-analysis was performed outside of holding time with acceptable results. Both sets of results have been reported.

No other difficulties were encountered during the SVOCs analyses. All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 072SB-0063-0001-SO (240-18544-1), 072SB-0064-0001-SO (240-18544-2), 072SB-0065-0001-SO (240-18544-3), 072SB-0066-0001-SO (240-18544-4), 072SB-0067-0001-SO (240-18544-5), 072SB-0068-0001-SO (240-18544-6) and 076SB-0078-0001-SO (240-18544-18) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 12/18/2012 and analyzed on 12/23/2012 and 12/24/2012.

Bis(2-ethylhexyl) phthalate was detected in method blanks MB 240-69176/23-A and MB 240-69185/20-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Sample 072SB-0067-0001-SO (240-18544-5)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample(s) was diluted due to the nature of the sample matrix: 072SB-0067-0001-SO (240-18544-5). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the SVOCs analyses. All other quality control parameters were within the acceptance limits.

GASOLINE RANGE ORGANICS (GRO)

Samples 072SB-0063-0001-SO (240-18544-1), 072SB-0064-0001-SO (240-18544-2), 072SB-0065-0001-SO (240-18544-3), 072SB-0066-0001-SO (240-18544-4), 072SB-0067-0001-SO (240-18544-5), 072SB-0068-0001-SO (240-18544-6) and 076SB-0078-0001-SO (240-18544-18) were analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B - GRO. The samples were prepared on 12/07/2012 and 12/17/2012 and analyzed on 12/19/2012 and 12/20/2012.

The closing continuing calibration verification (CCV) for C6-C12 associated with batch 69142 recovered above the upper control limit due to carry over from a sample that was over-range. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. 072SB-0063-0001-SO (240-18544-1), 072SB-0064-0001-SO (240-18544-2), 072SB-0065-0001-SO (240-18544-3), 072SB-0066-0001-SO (240-18544-4)

The closing method reporting limit (MRL) for C6-C12 associated with batch 69142 recovered above the upper control limit due to carry over from a sample that was over-range. The samples associated with this MRL were non-detects for the affected analytes; therefore, the

data have been reported. 072SB-0063-0001-SO (240-18544-1), 072SB-0064-0001-SO (240-18544-2), 072SB-0065-0001-SO (240-18544-3), 072SB-0066-0001-SO (240-18544-4)

Batch 69540 is reported without a matrix spike/matrix spike duplicate (MS/MSD). The batch MS/MSD was originally performed on another sample that was reported from an earlier run. This MS/MSD result does not have immediate bearing on any samples except for the actual sample spiked. The associated laboratory control sample (LCS) met acceptance criteria and provides long-term precision and accuracy for this batch. Data is reported.

No difficulties were encountered during the GRO analyses. All quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS (DRO)

Samples 072SB-0063-0001-SO (240-18544-1), 072SB-0064-0001-SO (240-18544-2), 072SB-0065-0001-SO (240-18544-3), 072SB-0066-0001-SO (240-18544-4), 072SB-0067-0001-SO (240-18544-5), 072SB-0068-0001-SO (240-18544-6) and 076SB-0078-0001-SO (240-18544-18) were analyzed for diesel range organics (DRO) in accordance with EPA SW-846 Method 8015B - DRO DoD. The samples were prepared on 12/17/2012 and analyzed on 12/18/2012 and 12/19/2012.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required.

Sample 072SB-0067-0001-SO (240-18544-5)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the DRO analyses. All quality control parameters were within the acceptance limits.

PESTICIDES WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SB-0098-0001-SO (240-18544-16), 076SB-0101M-0001-SO (240-18544-20), 076SB-0108M-0001-SO (240-18544-27), 076SB-0109M-0001-SO (240-18544-28), 076SB-0110M-0001-SO (240-18544-29), 076SB-0112M-0001-SO (240-18544-31) and 076SB-0114M-0001-SO (240-18544-33) were analyzed for pesticides with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 8081 DoD. The sample drying and disaggregation process started on 12/07/2012 and 12/10/2012, were prepared 12/18/2012 and analyzed on 12/20/2012 and 12/22/2012.

Samples 076SB-0110M-0001-SO (240-18544-29)[5X] and 076SB-0112M-0001-SO (240-18544-31)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 68407 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria. The samples associated with this batch 072SB-0065-0001-SO (240-18544-3) were outside holding time after the original analysis and the associated laboratory control sample (LCS) met acceptance criteria; therefore no re-extraction for the associated parent sample was initiated.

The following samples were diluted due to the nature of the sample matrix: 076SB-0110M-0001-SO (240-18544-29) and 076SB-0112M-0001-SO (240-18544-31). Elevated reporting limits (RLs) are provided.

The closing continuing calibration verification (CCV) associated with batch 69893 recovered above the upper control limits. The samples associated with this CCV076SB-0110M-0001-SO (240-18544-29) were non-detects for the affected analytes; therefore the data have been reported.

The closing minimum reporting limit (MRL) associated with batch 69893 recovered above the upper control limits. The samples associated with this MRL 076SB-0110M-0001-SO (240-18544-29) were non-detects for the affected analytes; therefore the data have been reported.

No difficulties were encountered during the pesticides analyses. All quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Sample 072SB-0065-0001-SO (240-18544-3) was analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A DoD. The samples were prepared on 12/12/2012 and analyzed on 12/14/2012.

Tetrachloro-m-xylene failed the surrogate recovery criteria low for 240-18297-H-17-G MS and 240-18297-H-17-H MSD.

No other difficulties were encountered during the pesticides analysis. All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample 072SB-0065-0001-SO (240-18544-3) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082 DOD. The samples were prepared on 12/12/2012 and analyzed on 12/14/2012.

No difficulties were encountered during the PCBs analysis. All quality control parameters were within the acceptance limits.

NITROGUANIDINE (HPLC)

Samples 072SB-0065-0001-SO (240-18544-3), 076SB-0098-0001-SO (240-18544-16), 076SB-0100M-0001-SO (240-18544-19),

076SB-0101M-0001-SO (240-18544-20), 076SB-0102M-0001-SO (240-18544-21), 076SB-0103M-0001-SO (240-18544-22), 076SB-0104M-0001-SO (240-18544-23), 076SB-0105M-0001-SO (240-18544-24), 076SB-0106M-0001-SO (240-18544-25), 076SB-0107M-0001-SO (240-18544-26), 076SB-0108M-0001-SO (240-18544-27), 076SB-0109M-0001-SO (240-18544-28), 076SB-0110M-0001-SO (240-18544-29), 076SB-0112M-0001-SO (240-18544-31) and 076SB-0114M-0001-SO (240-18544-33) were analyzed for nitroguanidine (HPLC) in accordance with EPA SW-846 Method 8330_Ngu. The samples were prepared on 12/17/2012 and analyzed on 12/26/2012 and 12/27/2012.

No difficulties were encountered during the explosives analyses. All quality control parameters were within the acceptance limits.

EXPLOSIVES

Samples 072SB-0065-0001-SO (240-18544-3), 076SB-0098-0001-SO (240-18544-16), 076SB-0100M-0001-SO (240-18544-19), 076SB-0101M-0001-SO (240-18544-20), 076SB-0102M-0001-SO (240-18544-21), 076SB-0103M-0001-SO (240-18544-22), 076SB-0104M-0001-SO (240-18544-23), 076SB-0105M-0001-SO (240-18544-24), 076SB-0106M-0001-SO (240-18544-25), 076SB-0107M-0001-SO (240-18544-26), 076SB-0108M-0001-SO (240-18544-27), 076SB-0109M-0001-SO (240-18544-28), 076SB-0110M-0001-SO (240-18544-29), 076SB-0112M-0001-SO (240-18544-31) and 076SB-0114M-0001-SO (240-18544-33) were analyzed for explosives in accordance with EPA SW-846 Method 8330B. The samples were prepared on 12/17/2012 and analyzed on 12/20/2012 and 12/28/2012.

The continuing calibration verification at teh reporting limit (CCVL) for analytical batch 7620 exceeded control criteria for HMX, RDX, 3,5-Dinitroaniline, Tetryl, Nitrobenzene, p-Nitrotoluene, o-Nitrotoluene, m-Nitrotoluene, PETN, 2,4,6,-Trinitrotoluene, 4-Amino-2,6-Dinitrotoluene, and 2,6-Dinitrotoluene. The corrective action for this deficiency is an analysis of a standard at approximately 2x the MDL. The acceptance criterion for the 2x MDL standard is detection of the compound. As the compounds were detected, the data have been qualified and reported.

The continuing calibration verification at the reporting limit (CCVL) for analytical batch 7989 exceeded control criteria for 2,6-Dinitrotoluene. The corrective action for this deficiency is an analysis of a standard at approximately 2x the MDL. The acceptance criterion for the 2x MDL standard is detection of the compound. As the compounds were detected, the data have been qualified and reported.

No other difficulties were encountered during the explosives analyses. All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICPMS)

Samples 072SB-0063-0001-SO (240-18544-1), 072SB-0064-0001-SO (240-18544-2), 072SB-0065-0001-SO (240-18544-3), 072SB-0066-0001-SO (240-18544-4), 072SB-0067-0001-SO (240-18544-5), 072SB-0068-0001-SO (240-18544-6), 076SB-0090M-0001-SO (240-18544-7), 076SB-0091M-0001-SO (240-18544-8), 076SB-0092-0001-SO (240-18544-10), 076SB-0093-0001-SO (240-18544-11), 076SB-0094-0001-SO (240-18544-12), 076SB-0095-0001-SO (240-18544-13), 076SB-0096-0001-SO (240-18544-14), 076SB-0097-0001-SO (240-18544-15), 076SB-0098-0001-SO (240-18544-16), 076SB-0099-0001-SO (240-18544-17), 076SB-0078-0001-SO (240-18544-18), 076SB-0100M-0001-SO (240-18544-19), 076SB-0101M-0001-SO (240-18544-20), 076SB-0102M-0001-SO (240-18544-21), 076SB-0103M-0001-SO (240-18544-22), 076SB-0104M-0001-SO (240-18544-23), 076SB-0105M-0001-SO (240-18544-24), 076SB-0106M-0001-SO (240-18544-25), 076SB-0107M-0001-SO (240-18544-26), 076SB-0108M-0001-SO (240-18544-27), 076SB-0109M-0001-SO (240-18544-28), 076SB-0110M-0001-SO (240-18544-29), 076SB-0111M-0001-SO (240-18544-30), 076SB-0112M-0001-SO (240-18544-31), 076SB-0113M-0001-SO (240-18544-32), 076SB-0114M-0001-SO (240-18544-33) and 076SB-0115M-0001-SO (240-18544-34) were analyzed for total metals (ICPMS) in accordance with EPA SW-846 Method 6020 DoD. The samples were prepared on 12/12/2012, 12/14/2012 and 12/17/2012 and analyzed on 12/27/2012, 12/28/2012 and 12/29/2012.

ICB, CCB, and ICSA samples are evaluated using the lowest LOD and DL criteria in LIMS. Using this criteria, an individual element may occasionally be flagged as out of control. If the element has a higher LOD or DL, the data is evaluated to the higher limit and determined to be acceptable.

Aluminum and Calcium were detected in method blank MB 180-59175/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Several analytes were detected in method blanks MB 180-59179/1-A and MB 180-59183/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Aluminum and Manganese failed the recovery criteria high for the MS of sample 076SB-0100M-0001-SOMS (240-18544-19) in batch 180-59694.

Cobalt and Zinc failed the recovery criteria low for the MS of sample 072SB-0063-0001-SOMS (240-18544-1) in batch 180-59603. Iron failed the recovery criteria high.

Aluminum, Iron and Manganese failed the recovery criteria high for the MS of sample 076SB-0090M-0001-SOMS (240-18544-7) in batch 180-59603.

Iron failed the recovery criteria low for the MS of sample 076SB-0091M-0001-SOMS (240-18544-8) in batch 180-59603. Aluminum and

Manganese failed the recovery criteria high.

Selenium exceeded the rpd limit for the duplicate of sample 076SB-0100M-0001-SODU (240-18544-19).

Manganese exceeded the rpd limit for the duplicate of sample 072SB-0063-0001-SODU (240-18544-1).

The interference check standard solution (ICSA) associated with batch 59175 showed results for one or more elements at a level greater than the limit of detection (LOD). It is believed that the solution contains trace impurities of this element / these elements and the results are not due to matrix interference. These results are consistent with those found by the manufacturer of the ICSA solution.

The matrix spike (MS) recoveries for the following sample associated with batch 59175 were outside control limits for several analytes.: 072SB-0063-0001-SO (240-18544-1). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Due to the high concentration of several analytes, the matrix spike (MS) for batch 59175 could not be evaluated for accuracy. The associated laboratory control sample (LCS) met acceptance criteria.

The matrix spike (MS) precision for batch 59175 was outside control limits for manganese. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision met acceptance criteria.

The interference check standard solution (ICSA) associated with batch 59179 showed results for one or more elements at a level greater than the limit of detection (LOD). It is believed that the solution contains trace impurities of this element / these elements and the results are not due to matrix interference. These results are consistent with those found by the manufacturer of the ICSA solution.

The matrix spike (MS) recoveries for the following sample associated with batch 59179 were outside control limits for antimony.: 076SB-0090M-0001-SO (240-18544-7). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Due to the high concentration of several analytes, the matrix spike (MS) for batch 59179 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

The sample duplicate precision for the following sample associated with batch 59179 was outside control limits for lead.: 076SB-0090M-0001-SO (240-18544-7). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

The matrix spike (MS) recoveries for the following sample associated with batch 59179 were outside control limits for antimony.: 076SB-0091M-0001-SO (240-18544-8). The associated laboratory control sample (LCS) recovery met acceptance criteria.

The interference check standard solution (ICSA) associated with batch 59183 showed results for one or more elements at a level greater than the limit of detection (LOD). It is believed that the solution contains trace impurities of this element / these elements and the results are not due to matrix interference. These results are consistent with those found by the manufacturer of the ICSA solution.

The matrix spike (MS) recoveries for the following sample associated with batch 59183 were outside control limits for antimony.: 076SB-0100M-0001-SO (240-18544-19). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Due to the high concentration of several anaytes, the matrix spike (MS) for batch 59183 could not be evaluated for accuracy. The associated laboratory control sample (LCS) met acceptance criteria.

No other difficulties were encountered during the metals analyses. All other quality control parameters were within the acceptance limits.

MERCURY WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SB-0090M-0001-SO (240-18544-7), 076SB-0091M-0001-SO (240-18544-8), 076SB-0092-0001-SO (240-18544-10), 076SB-0093-0001-SO (240-18544-11), 076SB-0094-0001-SO (240-18544-12), 076SB-0095-0001-SO (240-18544-13), 076SB-0096-0001-SO (240-18544-14), 076SB-0097-0001-SO (240-18544-15), 076SB-0098-0001-SO (240-18544-16), 076SB-0099-0001-SO (240-18544-17), 076SB-0100M-0001-SO (240-18544-19), 076SB-0101M-0001-SO (240-18544-20), 076SB-0102M-0001-SO (240-18544-21), 076SB-0103M-0001-SO (240-18544-22), 076SB-0104M-0001-SO (240-18544-23), 076SB-0105M-0001-SO (240-18544-24), 076SB-0106M-0001-SO (240-18544-25), 076SB-0107M-0001-SO (240-18544-26), 076SB-0108M-0001-SO (240-18544-27), 076SB-0109M-0001-SO (240-18544-28), 076SB-0110M-0001-SO (240-18544-29), 076SB-0111M-0001-SO (240-18544-30), 076SB-0112M-0001-SO (240-18544-31), 076SB-0113M-0001-SO (240-18544-32), 076SB-0114M-0001-SO (240-18544-33) and 076SB-0115M-0001-SO (240-18544-34) were analyzed for mercury with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 7471A DOD. The sample drying and disaggregation process started on 12/07/2012 and 12/10/2012, were prepared on 12/14/2012 and 12/17/2012 and analyzed on 12/17/2012 and 12/18/2012.

No difficulties were encountered during the mercury analyses. All quality control parameters were within the acceptance limits.

MERCURY

Samples 072SB-0063-0001-SO (240-18544-1), 072SB-0064-0001-SO (240-18544-2), 072SB-0065-0001-SO (240-18544-3), 072SB-0066-0001-SO (240-18544-4), 072SB-0067-0001-SO (240-18544-5), 072SB-0068-0001-SO (240-18544-6), 076SB-0078-0001-SO (240-18544-18), 075TR-0002-0001-SO (240-18544-38), 075TR-0003-0001-SO (240-18544-39), 075TR-0004-0001-SO (240-18544-40), 075TR-0005-0001-SO (240-18544-41), 075TR-0006-0001-SO (240-18544-42) and

075TR-0007-0001-SO (240-18544-43) were analyzed for mercury in accordance with EPA SW-846 Method 7471A DOD. The samples were prepared on 12/12/2012, 12/14/2012 and 12/21/2012 and analyzed on 12/13/2012, 12/17/2012 and 12/26/2012.

No difficulties were encountered during the mercury analyses. All quality control parameters were within the acceptance limits.

NITROCELLULOSE

Samples 072SB-0065-0001-SO (240-18544-3), 076SB-0098-0001-SO (240-18544-16), 076SB-0100M-0001-SO (240-18544-19), 076SB-0101M-0001-SO (240-18544-20), 076SB-0102M-0001-SO (240-18544-21), 076SB-0103M-0001-SO (240-18544-22), 076SB-0104M-0001-SO (240-18544-23), 076SB-0105M-0001-SO (240-18544-24), 076SB-0106M-0001-SO (240-18544-25), 076SB-0107M-0001-SO (240-18544-26), 076SB-0108M-0001-SO (240-18544-27), 076SB-0109M-0001-SO (240-18544-28), 076SB-0110M-0001-SO (240-18544-29), 076SB-0112M-0001-SO (240-18544-31) and 076SB-0114M-0001-SO (240-18544-33) were analyzed for Nitrocellulose in accordance with EPA Method 353.2. The samples were prepared and analyzed on 12/20/2012.

Nitrocellulose was detected in method blank MB 320-7571/1-B at a level that was above the method detection limit but be

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 69576

Lab Sample ID: STD5 240-69576/2 IC Client Sample ID:

Date Analyzed: 12/20/12 13:47 Lab File ID: 21220002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.56	Poor Chromatography	ulmanm	12/20/12 14:14
Pyridine	3.09	Poor Chromatography	ulmanm	12/20/12 14:14
Malononitrile	4.39	Poor Chromatography	ulmanm	12/20/12 14:14
Benzoic acid	6.76	Poor Chromatography	ulmanm	12/20/12 14:14
Bis(2-chloroethoxy)methane	6.81	Poor Chromatography	ulmanm	12/20/12 14:14

Lab Sample ID: STD4 240-69576/3 IC Client Sample ID:

Date Analyzed: 12/20/12 14:11 Lab File ID: 21220003.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.56	Poor Chromatography	ulmanm	12/20/12 14:36
Pyridine	3.09	Poor Chromatography	ulmanm	12/20/12 14:36
Malononitrile	4.40	Poor Chromatography	ulmanm	12/20/12 14:36
Benzo[k]fluoranthene	13.86	Poor Chromatography	ulmanm	12/20/12 14:40

Lab Sample ID: STD3 240-69576/4 IC Client Sample ID:

Date Analyzed: 12/20/12 14:34 Lab File ID: 21220004.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.56	Poor Chromatography	ulmanm	12/20/12 15:03
N-Nitrosodimethylamine	3.04	Poor Chromatography	ulmanm	12/20/12 15:03
Pyridine	3.11	Poor Chromatography	ulmanm	12/20/12 15:03
Ethyl methacrylate	3.69	Poor Chromatography	ulmanm	12/20/12 15:03
Malononitrile	4.42	Poor Chromatography	ulmanm	12/20/12 15:03
Benzoic acid	6.74	Poor Chromatography	ulmanm	12/20/12 15:03
Caprolactam	7.36	Poor Chromatography	ulmanm	12/20/12 15:03
Benzo[k]fluoranthene	13.86	Poor Chromatography	ulmanm	12/20/12 15:03

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 69576

Lab Sample ID: STD2 240-69576/5 IC Client Sample ID:

Date Analyzed: 12/20/12 14:58 Lab File ID: 21220005.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.57	Poor Chromatography	ulmanm	12/20/12 15:24
N-Nitrosodimethylamine	3.05	Poor Chromatography	ulmanm	12/20/12 15:24
Pyridine	3.12	Poor Chromatography	ulmanm	12/20/12 15:24
Ethyl methacrylate	3.69	Poor Chromatography	ulmanm	12/20/12 15:24
3-Chloropropionitrile	4.05	Poor Chromatography	ulmanm	12/20/12 15:24
Malononitrile	4.43	Poor Chromatography	ulmanm	12/20/12 15:24
Caprolactam	7.37	Poor Chromatography	ulmanm	12/20/12 15:24
4-Nitroaniline	8.99	Poor Chromatography	ulmanm	12/20/12 15:24
Benzo[k]fluoranthene	13.86	Poor Chromatography	ulmanm	12/20/12 15:24

Lab Sample ID: STD1 240-69576/6 IC Client Sample ID:

Date Analyzed: 12/20/12 15:21 Lab File ID: 21220006.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	13.81	Poor Chromatography	ulmanm	12/20/12 15:41
Benzo[k]fluoranthene	13.86	Poor Chromatography	ulmanm	12/20/12 15:41
Indeno[1,2,3-cd]pyrene	16.05	Poor Chromatography	ulmanm	12/20/12 15:41
Dibenz(a,h)anthracene	16.09	Poor Chromatography	ulmanm	12/20/12 15:41
Benzo[g,h,i]perylene	16.50	Poor Chromatography	ulmanm	12/20/12 15:41

Lab Sample ID: STD9 240-69576/7 IC Client Sample ID:

Date Analyzed: 12/20/12 15:45 Lab File ID: 21220007.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.56	Poor Chromatography	ulmanm	12/21/12 08:49
Pyridine	3.08	Poor Chromatography	ulmanm	12/21/12 08:49

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 69576

Lab Sample ID: STD8 240-69576/8 IC Client Sample ID:

Date Analyzed: 12/20/12 16:08 Lab File ID: 21220008.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.56	Poor Chromatography	ulmanm	12/21/12 08:51

Lab Sample ID: STD7 240-69576/9 IC Client Sample ID:

Date Analyzed: 12/20/12 16:32 Lab File ID: 21220009.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.56	Poor Chromatography	ulmanm	12/21/12 08:52
Pyridine	3.08	Poor Chromatography	ulmanm	12/21/12 08:52

Lab Sample ID: STD6 240-69576/10 ICIS Client Sample ID:

Date Analyzed: 12/20/12 16:55 Lab File ID: 21220010.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.56	Poor Chromatography	ulmanm	12/21/12 08:54
Pyridine	3.08	Poor Chromatography	ulmanm	12/21/12 08:54

Lab Sample ID: ICV 240-69576/12 Client Sample ID:

Date Analyzed: 12/20/12 17:42 Lab File ID: 21220012.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.56	Poor Chromatography	ulmanm	12/21/12 08:59

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 69733

Lab Sample ID: ICV 240-69733/12 Client Sample ID:

Date Analyzed: 12/21/12 11:34 Lab File ID: 21221012.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.49	Poor Chromatography	ulmanm	12/21/12 11:55
Benzoic acid	6.76	Poor Chromatography	ulmanm	12/21/12 11:55

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 69932

Lab Sample ID: CCV 240-69932/2 Client Sample ID:

Date Analyzed: 12/23/12 11:01 Lab File ID: 21223002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.43	Poor Chromatography	gruberj	12/23/12 11:21

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 69977

Lab Sample ID: CCV 240-69977/2 Client Sample ID:

Date Analyzed: 12/24/12 09:14 Lab File ID: 21224002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.40	Poor Chromatography	gruberj	12/24/12 09:54

Lab Sample ID: 240-18544-34 Client Sample ID: 076SB-0115M-0001-SO

Date Analyzed: 12/24/12 15:28 Lab File ID: 21224018.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.75	Poor Chromatography	gruberj	12/26/12 12:58

Lab Sample ID: 240-18544-33 Client Sample ID: 076SB-0114M-0001-SO

Date Analyzed: 12/24/12 15:51 Lab File ID: 21224019.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.75	Poor Chromatography	gruberj	12/26/12 12:59

Lab Sample ID: 240-18544-18 Client Sample ID: 076SB-0078-0001-SO

Date Analyzed: 12/24/12 16:15 Lab File ID: 21224020.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.73	Poor Chromatography	gruberj	12/26/12 12:59

Lab Sample ID: 240-18544-30 Client Sample ID: 076SB-0111M-0001-SO

Date Analyzed: 12/24/12 16:38 Lab File ID: 21224021.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.75	Poor Chromatography	gruberj	12/26/12 13:00

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 69977

Lab Sample ID: 240-18544-29 Client Sample ID: 076SB-0110M-0001-SO

Date Analyzed: 12/24/12 17:01 Lab File ID: 21224022.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	13.73	Poor Chromatography	gruberj	12/26/12 13:01
Benzo[k]fluoranthene	13.75	Poor Chromatography	gruberj	12/26/12 13:01
Benzo[g,h,i]perylene	16.35	Poor Chromatography	gruberj	12/26/12 13:01

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 70078

Lab Sample ID: CCV 240-70078/2 Client Sample ID:

Date Analyzed: 12/26/12 09:15 Lab File ID: 21226002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.37	Poor Chromatography	gruberj	12/26/12 09:44

Lab Sample ID: 240-18544-32 Client Sample ID: 076SB-0113M-0001-SO

Date Analyzed: 12/26/12 13:55 Lab File ID: 21226014.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	13.70	Poor Chromatography	gruberj	12/26/12 14:13
Benzo[k]fluoranthene	13.72	Poor Chromatography	gruberj	12/26/12 14:13

Lab Sample ID: 240-18544-31 Client Sample ID: 076SB-0112M-0001-SO

Date Analyzed: 12/26/12 14:18 Lab File ID: 21226015.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.73	Poor Chromatography	gruberj	12/26/12 15:11
Indeno[1,2,3-cd]pyrene	15.90	Poor Chromatography	gruberj	12/26/12 15:11
Benzo[g,h,i]perylene	16.34	Poor Chromatography	gruberj	12/26/12 15:11

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 69820

Lab Sample ID: STD5 240-69820/2 IC Client Sample ID:

Date Analyzed: 12/21/12 13:40 Lab File ID: 21221002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.73	Poor Chromatography	ulmanm	12/21/12 14:23
Pyridine	3.25	Poor Chromatography	ulmanm	12/21/12 14:23
Benzoic acid	6.83	Poor Chromatography	ulmanm	12/21/12 14:23

Lab Sample ID: STD4 240-69820/3 IC Client Sample ID:

Date Analyzed: 12/21/12 14:05 Lab File ID: 21221003.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.73	Poor Chromatography	ulmanm	12/22/12 10:08
N-Nitrosodimethylamine	3.20	Poor Chromatography	ulmanm	12/22/12 10:08
Pyridine	3.26	Poor Chromatography	ulmanm	12/22/12 10:08
Ethyl methacrylate	3.82	Poor Chromatography	ulmanm	12/22/12 10:08
Benzoic acid	6.82	Poor Chromatography	ulmanm	12/22/12 10:08

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 69820

Lab Sample ID: STD3 240-69820/4 IC Client Sample ID:

Date Analyzed: 12/21/12 14:29 Lab File ID: 21221004.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.73	Wrong Isomer	ulmanm	12/22/12 10:13
N-Nitrosodimethylamine	3.20	Wrong Isomer	ulmanm	12/22/12 10:13
Pyridine	3.28	Wrong Isomer	ulmanm	12/22/12 10:13
Ethyl methacrylate	3.82	Wrong Isomer	ulmanm	12/22/12 10:13
3-Chloropropionitrile	4.16	Wrong Isomer	ulmanm	12/22/12 10:13
Malononitrile	4.49	Wrong Isomer	ulmanm	12/22/12 10:13
Benzoic acid	6.81	Wrong Isomer	ulmanm	12/22/12 10:13
3,3'-Dimethoxybenzidine	12.37	Wrong Isomer	ulmanm	12/22/12 10:13
Indeno[1,2,3-cd]pyrene	16.32	Wrong Isomer	ulmanm	12/22/12 10:13
Dibenz(a,h)anthracene	16.36	Wrong Isomer	ulmanm	12/22/12 10:13
Benzo[g,h,i]perylene	16.80	Wrong Isomer	ulmanm	12/22/12 10:13

Lab Sample ID: STD2 240-69820/5 IC Client Sample ID:

Date Analyzed: 12/21/12 14:55 Lab File ID: 21221005.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.72	Poor Chromatography	ulmanm	12/22/12 10:17
N-Nitrosodimethylamine	3.20	Poor Chromatography	ulmanm	12/22/12 10:17
Pyridine	3.32	Poor Chromatography	ulmanm	12/22/12 10:17
Ethyl methacrylate	3.82	Poor Chromatography	ulmanm	12/22/12 10:17
Malononitrile	4.49	Poor Chromatography	ulmanm	12/22/12 10:17
Indeno[1,2,3-cd]pyrene	16.32	Poor Chromatography	ulmanm	12/22/12 10:17
Dibenz(a,h)anthracene	16.36	Poor Chromatography	ulmanm	12/22/12 10:17
Benzo[g,h,i]perylene	16.80	Poor Chromatography	ulmanm	12/22/12 10:17

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 69820

Lab Sample ID: STD1 240-69820/6 IC Client Sample ID:

Date Analyzed: 12/21/12 15:20 Lab File ID: 21221006.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.34	Poor Chromatography	ulmanm	12/22/12 10:18
Dibenz(a,h)anthracene	16.35	Poor Chromatography	ulmanm	12/22/12 10:18
Benzo[g,h,i]perylene	16.80	Poor Chromatography	ulmanm	12/22/12 10:18

Lab Sample ID: STD9 240-69820/7 IC Client Sample ID:

Date Analyzed: 12/21/12 15:44 Lab File ID: 21221007.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.73	Poor Chromatography	ulmanm	12/22/12 10:21
N-Nitrosodimethylamine	3.20	Poor Chromatography	ulmanm	12/22/12 10:21
Pyridine	3.24	Poor Chromatography	ulmanm	12/22/12 10:21
Ethyl methacrylate	3.82	Poor Chromatography	ulmanm	12/22/12 10:21
3-Chloropropionitrile	4.16	Poor Chromatography	ulmanm	12/22/12 10:21
2,4-Toluene diamine	8.10	Poor Chromatography	ulmanm	12/22/12 10:21

Lab Sample ID: STD8 240-69820/8 IC Client Sample ID:

Date Analyzed: 12/21/12 16:09 Lab File ID: 21221008.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.72	Poor Chromatography	ulmanm	12/22/12 10:23
N-Nitrosodimethylamine	3.19	Poor Chromatography	ulmanm	12/22/12 10:23
Pyridine	3.25	Poor Chromatography	ulmanm	12/22/12 10:23
Ethyl methacrylate	3.82	Poor Chromatography	ulmanm	12/22/12 10:23
3-Chloropropionitrile	4.17	Poor Chromatography	ulmanm	12/22/12 10:23

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 69820

Lab Sample ID: STD7 240-69820/9 IC Client Sample ID:

Date Analyzed: 12/21/12 16:34 Lab File ID: 21221009.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.73	Poor Chromatography	ulmanm	12/22/12 10:26
N-Nitrosodimethylamine	3.20	Poor Chromatography	ulmanm	12/22/12 10:26
Pyridine	3.24	Poor Chromatography	ulmanm	12/22/12 10:26
Ethyl methacrylate	3.82	Poor Chromatography	ulmanm	12/22/12 10:26
3-Chloropropionitrile	4.16	Poor Chromatography	ulmanm	12/22/12 10:26
Benzoic acid	6.87	Poor Chromatography	ulmanm	12/22/12 10:26

Lab Sample ID: STD6 240-69820/10 ICIS Client Sample ID:

Date Analyzed: 12/21/12 16:59 Lab File ID: 21221010.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.73	Poor Chromatography	ulmanm	12/22/12 10:33
N-Nitrosodimethylamine	3.20	Poor Chromatography	ulmanm	12/22/12 10:33
Pyridine	3.25	Poor Chromatography	ulmanm	12/22/12 10:33
Ethyl methacrylate	3.82	Poor Chromatography	ulmanm	12/22/12 10:33
3-Chloropropionitrile	4.16	Poor Chromatography	ulmanm	12/22/12 10:33

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 69908

Lab Sample ID: ICV 240-69908/3 Client Sample ID:

Date Analyzed: 12/22/12 12:30 Lab File ID: 21222003.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.69	Poor Chromatography	ulmanm	12/22/12 13:10
N-Nitrosodimethylamine	3.17	Poor Chromatography	ulmanm	12/22/12 13:10

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 70566

Lab Sample ID: CCV 240-70566/2 Client Sample ID:

Date Analyzed: 12/29/12 11:25 Lab File ID: 21229002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.46	Poor Chromatography	ulmanm	12/29/12 12:02
N-Nitrosodimethylamine	2.92	Poor Chromatography	ulmanm	12/29/12 12:02
Pyridine	2.97	Poor Chromatography	ulmanm	12/29/12 12:02
Benzoic acid	6.79	Poor Chromatography	ulmanm	12/29/12 12:02

Lab Sample ID: LCS 240-70267/24-A Client Sample ID:

Date Analyzed: 12/29/12 14:18 Lab File ID: 21229007.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	6.78	Poor Chromatography	ulmanm	12/31/12 08:54

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 12/29/12 17:09 Lab File ID: 21229014.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.06	Poor Chromatography	ulmanm	12/31/12 09:45
Dibenz(a,h)anthracene	16.10	Poor Chromatography	ulmanm	12/31/12 09:45
Benzo[g,h,i]perylene	16.51	Poor Chromatography	ulmanm	12/31/12 09:45

Lab Sample ID: mdll2 LODV Client Sample ID:

Date Analyzed: 12/29/12 17:34 Lab File ID: 21229015.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.46	Poor Chromatography	ulmanm	12/31/12 09:50
N-Nitrosodimethylamine	2.92	Poor Chromatography	ulmanm	12/31/12 09:50
Pyridine	3.02	Poor Chromatography	ulmanm	12/31/12 09:50
2,4,6-Tribromophenol (Surr)	9.19	Poor Chromatography	ulmanm	12/31/12 09:50

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 70814

Lab Sample ID: CCV 240-70814/2 Client Sample ID:

Date Analyzed: 01/02/13 08:42 Lab File ID: 30102002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.44	Poor Chromatography	ulmanm	01/02/13 09:25
N-Nitrosodimethylamine	2.93	Poor Chromatography	ulmanm	01/02/13 09:25
Pyridine	2.97	Poor Chromatography	ulmanm	01/02/13 09:25

Lab Sample ID: MRL 240-70814/11 Client Sample ID:

Date Analyzed: 01/02/13 12:18 Lab File ID: 30102011.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	6.80	Poor Chromatography	ulmanm	01/02/13 13:04

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP5R Analysis Batch Number: 69251

Lab Sample ID: 240-18544-4 Client Sample ID: 072SB-0066-0001-SO

Date Analyzed: 12/18/12 18:45 Lab File ID: P5B10018.D GC Column: ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C20-C34	12.60	Baseline Event	bolgrind	12/19/12 10:46

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP3 Analysis Batch Number: 67186

Lab Sample ID: STD 240-67186/21 IC Client Sample ID:

Date Analyzed: 12/04/12 14:11 Lab File ID: P3120421.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlordane (technical) Peak 1	5.43	Poor Chromatography	vandorenc	12/06/12 07:25
Chlordane (technical) Peak 2	6.06	Poor Chromatography	vandorenc	12/06/12 07:25
Chlordane (technical) Peak 3	6.96	Baseline Event	vandorenc	12/06/12 07:22
Chlordane (technical) Peak 4	7.02	Baseline Event	vandorenc	12/06/12 07:22

Lab Sample ID: STD 240-67186/24 IC Client Sample ID:

Date Analyzed: 12/04/12 15:17 Lab File ID: P3120424.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlordane (technical) Peak 1	4.75	Baseline Event	vandorenc	12/06/12 07:20
Chlordane (technical) Peak 2	5.30	Baseline Event	vandorenc	12/06/12 07:20
Chlordane (technical) Peak 3	5.94	Baseline Event	vandorenc	12/06/12 07:20
Chlordane (technical) Peak 4	6.06	Baseline Event	vandorenc	12/06/12 07:20

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP3 Analysis Batch Number: 69512

Lab Sample ID: STD 240-69512/12 IC Client Sample ID:

Date Analyzed: 12/20/12 10:50 Lab File ID: P3122012.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	7.50	Baseline Event	vandorenc	12/21/12 07:07
Toxaphene Peak 2	7.82	Baseline Event	vandorenc	12/21/12 07:07
Toxaphene Peak 3	8.09	Baseline Event	vandorenc	12/21/12 07:07
Toxaphene Peak 4	8.49	Baseline Event	vandorenc	12/21/12 07:07
Toxaphene Peak 5	8.97	Baseline Event	vandorenc	12/21/12 07:07

Lab Sample ID: STD 240-69512/14 IC Client Sample ID:

Date Analyzed: 12/20/12 11:32 Lab File ID: P3122014.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	7.50	Split Peak	vandorenc	12/21/12 07:08
Toxaphene Peak 2	7.82	Split Peak	vandorenc	12/21/12 07:08
Toxaphene Peak 3	8.09	Split Peak	vandorenc	12/21/12 07:08
Toxaphene Peak 4	8.49	Split Peak	vandorenc	12/21/12 07:08
Toxaphene Peak 5	8.97	Split Peak	vandorenc	12/21/12 07:08

Lab Sample ID: STD 240-69512/15 IC Client Sample ID:

Date Analyzed: 12/20/12 11:53 Lab File ID: P3122015.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	7.49	Baseline Event	vandorenc	12/21/12 07:09
Toxaphene Peak 2	7.82	Baseline Event	vandorenc	12/21/12 07:09
Toxaphene Peak 3	8.09	Baseline Event	vandorenc	12/21/12 07:09
Toxaphene Peak 4	8.49	Baseline Event	vandorenc	12/21/12 07:09
Toxaphene Peak 5	8.97	Baseline Event	vandorenc	12/21/12 07:09

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP3 Analysis Batch Number: 69512

Lab Sample ID: STD 240-69512/16 IC Client Sample ID:

Date Analyzed: 12/20/12 12:14 Lab File ID: P3122016.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	7.35	Baseline Event	vandorenc	12/21/12 07:09
Toxaphene Peak 2	7.42	Baseline Event	vandorenc	12/21/12 07:09
Toxaphene Peak 3	7.82	Baseline Event	vandorenc	12/21/12 07:09
Toxaphene Peak 4	7.94	Baseline Event	vandorenc	12/21/12 07:09
Toxaphene Peak 5	8.27	Baseline Event	vandorenc	12/21/12 07:09

Lab Sample ID: ICV 240-69512/17 Client Sample ID:

Date Analyzed: 12/20/12 12:35 Lab File ID: P3122017.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	7.49	Baseline Event	vandorenc	12/21/12 07:15
Toxaphene Peak 2	7.82	Baseline Event	vandorenc	12/21/12 07:15
Toxaphene Peak 3	8.09	Baseline Event	vandorenc	12/21/12 07:15
Toxaphene Peak 4	8.49	Baseline Event	vandorenc	12/21/12 07:15
Toxaphene Peak 5	8.97	Baseline Event	vandorenc	12/21/12 07:15

Lab Sample ID: PEM 240-69512/24 Client Sample ID:

Date Analyzed: 12/20/12 15:04 Lab File ID: P3122024.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDE	6.35	Baseline Event	vandorenc	12/21/12 07:28

Lab Sample ID: 240-18544-16 Client Sample ID: 076SB-0098-0001-SO

Date Analyzed: 12/20/12 16:08 Lab File ID: P3122027.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDE	7.11	Baseline Event	vandorenc	12/21/12 09:11

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP3 Analysis Batch Number: 69512

Lab Sample ID: 240-18544-27 Client Sample ID: 076SB-0108M-0001-SO

Date Analyzed: 12/20/12 16:50 Lab File ID: P3122029.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloro-m-xylene	3.62	Baseline Event	vandorenc	12/21/12 10:46

Lab Sample ID: 240-18544-28 Client Sample ID: 076SB-0109M-0001-SO

Date Analyzed: 12/20/12 17:11 Lab File ID: P3122030.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloro-m-xylene	3.62	Baseline Event	vandorenc	12/21/12 09:15

Lab Sample ID: 240-18544-28 Client Sample ID: 076SB-0109M-0001-SO

Date Analyzed: 12/20/12 17:11 Lab File ID: P3122030.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloro-m-xylene	4.39	Baseline Event	vandorenc	12/21/12 09:15

Lab Sample ID: MB 240-69197/10-A Client Sample ID:

Date Analyzed: 12/20/12 18:57 Lab File ID: P3122035.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methoxychlor	7.99	Baseline Event	vandorenc	12/21/12 09:24

Lab Sample ID: MB 240-69197/10-A Client Sample ID:

Date Analyzed: 12/20/12 18:57 Lab File ID: P3122035.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
DCB Decachlorobiphenyl	10.39	Baseline Event	vandorenc	12/21/12 09:24

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP3 Analysis Batch Number: 69512

Lab Sample ID: CCV 240-69512/39 Client Sample ID:

Date Analyzed: 12/20/12 20:21 Lab File ID: P3122039.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	7.49	Baseline Event	vandorenc	12/21/12 09:30
Toxaphene Peak 2	7.81	Baseline Event	vandorenc	12/21/12 09:30
Toxaphene Peak 3	8.09	Baseline Event	vandorenc	12/21/12 09:30
Toxaphene Peak 4	8.49	Baseline Event	vandorenc	12/21/12 09:30
Toxaphene Peak 5	8.97	Baseline Event	vandorenc	12/21/12 09:30

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 67554

Lab Sample ID: PEM 240-67554/4 Client Sample ID:

Date Analyzed: 12/06/12 10:20 Lab File ID: P9120604.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDD	9.19	Baseline Event	vandorenc	12/07/12 08:52
Endrin aldehyde	10.07	Baseline Event	vandorenc	12/07/12 08:52

Lab Sample ID: STD 240-67554/5 IC Client Sample ID:

Date Analyzed: 12/06/12 10:48 Lab File ID: P9120605.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Endosulfan II	10.73	Baseline Event	vandorenc	12/07/12 07:08

Lab Sample ID: STD 240-67554/8 IC Client Sample ID:

Date Analyzed: 12/06/12 12:12 Lab File ID: P9120608.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
gamma-Chlordane	8.93	Baseline Event	vandorenc	12/07/12 07:26

Lab Sample ID: STD 240-67554/12 IC Client Sample ID:

Date Analyzed: 12/06/12 13:58 Lab File ID: P9120612.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.51	Baseline Event	vandorenc	12/07/12 07:38
Toxaphene Peak 2	9.95	Baseline Event	vandorenc	12/07/12 07:38
Toxaphene Peak 3	10.02	Baseline Event	vandorenc	12/07/12 07:38
Toxaphene Peak 4	10.60	Baseline Event	vandorenc	12/07/12 07:38
Toxaphene Peak 5	11.17	Baseline Event	vandorenc	12/07/12 07:38

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 67554

Lab Sample ID: STD 240-67554/12 IC Client Sample ID:

Date Analyzed: 12/06/12 13:58 Lab File ID: P9120612.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.90	Baseline Event	vandorenc	12/07/12 07:38
Toxaphene Peak 2	11.45	Unspecified	vandorenc	12/07/12 07:54
Toxaphene Peak 3	11.85	Baseline Event	vandorenc	12/07/12 07:38
Toxaphene Peak 4	12.08	Baseline Event	vandorenc	12/07/12 07:38
Toxaphene Peak 5	12.46	Baseline Event	vandorenc	12/07/12 07:38

Lab Sample ID: STD 240-67554/13 IC Client Sample ID:

Date Analyzed: 12/06/12 14:24 Lab File ID: P9120613.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.51	Baseline Event	vandorenc	12/07/12 07:41
Toxaphene Peak 2	9.95	Baseline Event	vandorenc	12/07/12 07:41
Toxaphene Peak 3	10.02	Baseline Event	vandorenc	12/07/12 07:41
Toxaphene Peak 4	10.60	Baseline Event	vandorenc	12/07/12 07:41
Toxaphene Peak 5	11.17	Baseline Event	vandorenc	12/07/12 07:41

Lab Sample ID: STD 240-67554/14 IC Client Sample ID:

Date Analyzed: 12/06/12 14:52 Lab File ID: P9120614.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.51	Baseline Event	vandorenc	12/07/12 07:45
Toxaphene Peak 2	9.95	Baseline Event	vandorenc	12/07/12 07:45
Toxaphene Peak 3	10.02	Baseline Event	vandorenc	12/07/12 07:45

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 67554

Lab Sample ID: STD 240-67554/15 IC Client Sample ID:

Date Analyzed: 12/06/12 15:20 Lab File ID: P9120615.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.90	Baseline Event	vandorenc	12/07/12 07:46
Toxaphene Peak 2	11.45	Unspecified	vandorenc	12/07/12 07:56
Toxaphene Peak 3	11.85	Baseline Event	vandorenc	12/07/12 07:46
Toxaphene Peak 4	12.08	Baseline Event	vandorenc	12/07/12 07:46
Toxaphene Peak 5	12.46	Baseline Event	vandorenc	12/07/12 07:46

Lab Sample ID: ICV 240-67554/17 Client Sample ID:

Date Analyzed: 12/06/12 16:16 Lab File ID: P9120617.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.51	Baseline Event	vandorenc	12/07/12 07:59
Toxaphene Peak 2	9.95	Baseline Event	vandorenc	12/07/12 07:59
Toxaphene Peak 3	10.02	Baseline Event	vandorenc	12/07/12 07:59
Toxaphene Peak 4	10.60	Baseline Event	vandorenc	12/07/12 07:59
Toxaphene Peak 5	11.17	Baseline Event	vandorenc	12/07/12 07:59

Lab Sample ID: ICV 240-67554/17 Client Sample ID:

Date Analyzed: 12/06/12 16:16 Lab File ID: P9120617.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.90	Baseline Event	vandorenc	12/07/12 07:59
Toxaphene Peak 2	11.45	Baseline Event	vandorenc	12/07/12 07:59
Toxaphene Peak 3	11.85	Baseline Event	vandorenc	12/07/12 07:59
Toxaphene Peak 4	12.08	Baseline Event	vandorenc	12/07/12 07:59
Toxaphene Peak 5	12.46	Baseline Event	vandorenc	12/07/12 07:59

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 68628

Lab Sample ID: PEM 240-68628/4 Client Sample ID:

Date Analyzed: 12/14/12 02:36 Lab File ID: P9121404.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Endrin	8.83	Baseline Event	vandorenc	12/14/12 11:17

Lab Sample ID: CCV 240-68628/5 Client Sample ID:

Date Analyzed: 12/14/12 03:03 Lab File ID: P9121405.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.51	Baseline Event	vandorenc	12/14/12 11:18
Toxaphene Peak 2	9.95	Baseline Event	vandorenc	12/14/12 11:18
Toxaphene Peak 3	10.02	Baseline Event	vandorenc	12/14/12 11:18
Toxaphene Peak 4	10.60	Baseline Event	vandorenc	12/14/12 11:18
Toxaphene Peak 5	11.17	Baseline Event	vandorenc	12/14/12 11:18

Lab Sample ID: CCV 240-68628/5 Client Sample ID:

Date Analyzed: 12/14/12 03:03 Lab File ID: P9121405.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.89	Baseline Event	vandorenc	12/14/12 11:18
Toxaphene Peak 2	11.44	Baseline Event	vandorenc	12/14/12 11:18
Toxaphene Peak 3	11.84	Baseline Event	vandorenc	12/14/12 11:18
Toxaphene Peak 4	12.07	Baseline Event	vandorenc	12/14/12 11:18
Toxaphene Peak 5	12.46	Baseline Event	vandorenc	12/14/12 11:18

Lab Sample ID: MB 240-68407/10-A Client Sample ID:

Date Analyzed: 12/14/12 08:33 Lab File ID: P9121417.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
DCB Decachlorobiphenyl	12.80	Poor Chromatography	vandorenc	12/18/12 11:05

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 68628

Lab Sample ID: CCV 240-68628/18 Client Sample ID:

Date Analyzed: 12/14/12 09:00 Lab File ID: P9121418.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.51	Baseline Event	vandorenc	12/18/12 11:06
Toxaphene Peak 2	9.95	Baseline Event	vandorenc	12/18/12 11:06
Toxaphene Peak 3	10.02	Baseline Event	vandorenc	12/18/12 11:06
Toxaphene Peak 4	10.60	Baseline Event	vandorenc	12/18/12 11:06
Toxaphene Peak 5	11.17	Baseline Event	vandorenc	12/18/12 11:06

Lab Sample ID: CCV 240-68628/18 Client Sample ID:

Date Analyzed: 12/14/12 09:00 Lab File ID: P9121418.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.90	Baseline Event	vandorenc	12/18/12 11:06
Toxaphene Peak 2	11.44	Baseline Event	vandorenc	12/18/12 11:06
Toxaphene Peak 3	11.85	Baseline Event	vandorenc	12/18/12 11:06
Toxaphene Peak 4	12.07	Baseline Event	vandorenc	12/18/12 11:06
Toxaphene Peak 5	12.46	Baseline Event	vandorenc	12/18/12 11:06

Lab Sample ID: MRL 240-68628/20 Client Sample ID:

Date Analyzed: 12/14/12 09:55 Lab File ID: P9121420.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Endrin	8.83	Poor Chromatography	vandorenc	12/18/12 11:08

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 69893

Lab Sample ID: PEM 240-69893/4 Client Sample ID:

Date Analyzed: 12/22/12 12:44 Lab File ID: P9122204.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDE	7.90	Baseline Event	vandorenc	12/31/12 10:40
Endrin aldehyde	10.09	Baseline Event	vandorenc	12/31/12 10:40

Lab Sample ID: STD 240-69893/5 IC Client Sample ID:

Date Analyzed: 12/22/12 13:11 Lab File ID: P9122205.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methoxychlor	10.66	Baseline Event	vandorenc	12/31/12 10:43
Endosulfan sulfate	10.79	Baseline Event	vandorenc	12/31/12 10:43

Lab Sample ID: CCV 240-69893/18 Client Sample ID:

Date Analyzed: 12/22/12 18:27 Lab File ID: P9122218.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.89	Baseline Event	vandorenc	12/31/12 11:09
Toxaphene Peak 2	11.44	Baseline Event	vandorenc	12/31/12 11:09
Toxaphene Peak 3	11.84	Baseline Event	vandorenc	12/31/12 11:09
Toxaphene Peak 4	12.06	Baseline Event	vandorenc	12/31/12 11:09
Toxaphene Peak 5	12.45	Baseline Event	vandorenc	12/31/12 11:09

Lab Sample ID: MRL 240-69893/19 Client Sample ID:

Date Analyzed: 12/22/12 18:51 Lab File ID: P9122219.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDD	9.19	Baseline Event	vandorenc	12/31/12 11:13
Endosulfan II	9.27	Baseline Event	vandorenc	12/31/12 11:13

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 69893

Lab Sample ID: 240-18544-29 Client Sample ID: 076SB-0110M-0001-SO

Date Analyzed: 12/22/12 21:42 Lab File ID: P9122226.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloro-m-xylene	4.09	Baseline Event	vandorenc	01/03/13 06:45

Lab Sample ID: MRL 240-69893/43 Client Sample ID:

Date Analyzed: 12/23/12 04:37 Lab File ID: P9122243.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDD	9.18	Baseline Event	vandorenc	12/31/12 13:38
Endosulfan II	9.27	Baseline Event	vandorenc	12/31/12 13:38

Lab Sample ID: CCV 240-69893/60 Client Sample ID:

Date Analyzed: 12/23/12 11:33 Lab File ID: P9122260.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.50	Baseline Event	vandorenc	12/31/12 13:39
Toxaphene Peak 2	9.95	Baseline Event	vandorenc	12/31/12 13:39
Toxaphene Peak 3	10.01	Baseline Event	vandorenc	12/31/12 13:39
Toxaphene Peak 4	10.60	Baseline Event	vandorenc	12/31/12 13:39
Toxaphene Peak 5	11.16	Baseline Event	vandorenc	12/31/12 13:39

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD005 240-62068/3 IC Client Sample ID:

Date Analyzed: 10/21/12 16:53 Lab File ID: P1300003.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Baseline Event	hassl	10/22/12 09:01
PCB-1232 Peak 2	1.90	Baseline Event	hassl	10/22/12 09:01
PCB-1232 Peak 3	2.32	Baseline Event	hassl	10/22/12 09:01
PCB-1232 Peak 4	2.46	Baseline Event	hassl	10/22/12 09:01
PCB-1232 Peak 5	2.87	Baseline Event	hassl	10/22/12 09:01

Lab Sample ID: STD01 240-62068/4 IC Client Sample ID:

Date Analyzed: 10/21/12 17:08 Lab File ID: P1300004.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 4	2.46	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:01

Lab Sample ID: STD02 240-62068/5 IC Client Sample ID:

Date Analyzed: 10/21/12 17:23 Lab File ID: P1300005.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 4	2.45	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:01

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD05 240-62068/6 IC Client Sample ID:

Date Analyzed: 10/21/12 17:38 Lab File ID: P1300006.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 4	2.45	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:01

Lab Sample ID: STD2 240-62068/8 IC Client Sample ID:

Date Analyzed: 10/21/12 18:07 Lab File ID: P1300008.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:02
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:02
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:02
PCB-1232 Peak 4	2.45	Split Peak	hassl	10/22/12 09:02
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:02

Lab Sample ID: STD01 240-62068/10 IC Client Sample ID:

Date Analyzed: 10/21/12 18:37 Lab File ID: P1300010.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:02

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD02 240-62068/11 IC Client Sample ID:

Date Analyzed: 10/21/12 18:52 Lab File ID: P1300011.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:03

Lab Sample ID: STD05 240-62068/12 IC Client Sample ID:

Date Analyzed: 10/21/12 19:07 Lab File ID: P1300012.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:03

Lab Sample ID: STD1 240-62068/13 IC Client Sample ID:

Date Analyzed: 10/21/12 19:22 Lab File ID: P1300013.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:03

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD2 240-62068/14 IC Client Sample ID:

Date Analyzed: 10/21/12 19:37 Lab File ID: P1300014.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:02

Lab Sample ID: STD005 240-62068/21 IC Client Sample ID:

Date Analyzed: 10/21/12 21:21 Lab File ID: P1300021.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:04
PCB-1221 Peak 2	1.55	Split Peak	hassl	10/22/12 09:04
PCB-1221 Peak 3	1.59	Unspecified	hassl	10/22/12 09:05

Lab Sample ID: STD01 240-62068/22 IC Client Sample ID:

Date Analyzed: 10/21/12 21:36 Lab File ID: P1300022.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:05
PCB-1221 Peak 2	1.55	Split Peak	hassl	10/22/12 09:05
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:05

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD01 240-62068/22 IC Client Sample ID:

Date Analyzed: 10/21/12 21:36 Lab File ID: P1300022.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	4.41	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 2	4.92	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 3	5.18	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 4	5.56	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 5	5.78	Split Peak	hassl	10/22/12 09:05

Lab Sample ID: STD02 240-62068/23 IC Client Sample ID:

Date Analyzed: 10/21/12 21:51 Lab File ID: P1300023.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:06
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:06
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:06

Lab Sample ID: STD02 240-62068/23 IC Client Sample ID:

Date Analyzed: 10/21/12 21:51 Lab File ID: P1300023.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	4.41	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 2	4.92	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 3	5.18	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 4	5.56	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 5	5.78	Split Peak	hassl	10/22/12 09:05

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD05 240-62068/24 IC Client Sample ID:

Date Analyzed: 10/21/12 22:06 Lab File ID: P1300024.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:07
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:07
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:07

Lab Sample ID: STD1 240-62068/25 IC Client Sample ID:

Date Analyzed: 10/21/12 22:21 Lab File ID: P1300025.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:07
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:07
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:07

Lab Sample ID: STD2 240-62068/26 IC Client Sample ID:

Date Analyzed: 10/21/12 22:36 Lab File ID: P1300026.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:08
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:08
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:08

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD005 240-62068/27 IC Client Sample ID:

Date Analyzed: 10/21/12 22:51 Lab File ID: P1300027.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:08

Lab Sample ID: STD01 240-62068/28 IC Client Sample ID:

Date Analyzed: 10/21/12 23:06 Lab File ID: P1300028.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:08

Lab Sample ID: STD02 240-62068/29 IC Client Sample ID:

Date Analyzed: 10/21/12 23:21 Lab File ID: P1300029.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:09

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD05 240-62068/30 ICRT Client Sample ID:

Date Analyzed: 10/21/12 23:36 Lab File ID: P1300030.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:09

Lab Sample ID: STD1 240-62068/31 IC Client Sample ID:

Date Analyzed: 10/21/12 23:50 Lab File ID: P1300031.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:09

Lab Sample ID: STD2 240-62068/32 IC Client Sample ID:

Date Analyzed: 10/22/12 00:05 Lab File ID: P1300032.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:09

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: ICV 240-62068/45 Client Sample ID:

Date Analyzed: 10/22/12 03:19 Lab File ID: P1300045.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:10
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:10
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:10

Lab Sample ID: ICV 240-62068/46 Client Sample ID:

Date Analyzed: 10/22/12 03:34 Lab File ID: P1300046.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:16
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:16
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:16
PCB-1232 Peak 4	2.45	Split Peak	hassl	10/22/12 09:16
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:16

Lab Sample ID: ICV 240-62068/47 Client Sample ID:

Date Analyzed: 10/22/12 03:49 Lab File ID: P1300047.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:15
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:15
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:15
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:15
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:15

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: ICV 240-62068/50 Client Sample ID:

Date Analyzed: 10/22/12 04:34 Lab File ID: P1300050.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:15
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:15
PCB-1016 Peak 3	2.33	Split Peak	hassl	10/22/12 09:15
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:15
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:15

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 69521

Lab Sample ID: 240-18544-19 MSD Client Sample ID: 076SB-0100M-0001-SO MSD

Date Analyzed: 12/20/12 15:54 Lab File ID: P1300008.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.58	Baseline Event	hassl	12/21/12 11:46
PCB-1016 Peak 2	1.89	Baseline Event	hassl	12/21/12 11:46
PCB-1016 Peak 3	2.31	Baseline Event	hassl	12/21/12 11:46
PCB-1016 Peak 4	2.45	Baseline Event	hassl	12/21/12 11:46
PCB-1016 Peak 5	2.86	Baseline Event	hassl	12/21/12 11:46
PCB-1260 Peak 1	4.15	Baseline Event	hassl	12/21/12 11:46
PCB-1260 Peak 2	4.46	Baseline Event	hassl	12/21/12 11:46
PCB-1260 Peak 3	4.76	Baseline Event	hassl	12/21/12 11:46
PCB-1260 Peak 4	5.51	Baseline Event	hassl	12/21/12 11:46
PCB-1260 Peak 5	5.81	Baseline Event	hassl	12/21/12 11:46

Lab Sample ID: 240-18544-31 Client Sample ID: 076SB-0112M-0001-SO

Date Analyzed: 12/20/12 19:09 Lab File ID: P1300021.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	5.12	Baseline Event	hassl	12/21/12 11:47
PCB-1260 Peak 2	5.37	Baseline Event	hassl	12/21/12 11:47
PCB-1260 Peak 3	5.76	Baseline Event	hassl	12/21/12 11:47
PCB-1260 Peak 4	6.49	Baseline Event	hassl	12/21/12 11:47
PCB-1260 Peak 5	6.89	Baseline Event	hassl	12/21/12 11:47

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 69521

Lab Sample ID: LCS 240-69187/20-A Client Sample ID:

Date Analyzed: 12/20/12 20:09 Lab File ID: P1300025.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.58	Baseline Event	hassl	12/21/12 11:48
PCB-1016 Peak 2	1.89	Baseline Event	hassl	12/21/12 11:48
PCB-1016 Peak 3	2.31	Baseline Event	hassl	12/21/12 11:48
PCB-1016 Peak 4	2.45	Baseline Event	hassl	12/21/12 11:48
PCB-1016 Peak 5	2.86	Baseline Event	hassl	12/21/12 11:48

Lab Sample ID: LCS 240-69187/20-A Client Sample ID:

Date Analyzed: 12/20/12 20:09 Lab File ID: P1300025.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
DCB Decachlorobiphenyl	8.21	Split Peak	hassl	12/21/12 12:29

Lab Sample ID: CCV 240-69521/26 Client Sample ID:

Date Analyzed: 12/20/12 20:23 Lab File ID: P1300026.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.58	Baseline Event	hassl	12/21/12 11:49
PCB-1016 Peak 2	1.89	Baseline Event	hassl	12/21/12 11:49
PCB-1016 Peak 3	2.31	Baseline Event	hassl	12/21/12 11:49
PCB-1016 Peak 4	2.45	Baseline Event	hassl	12/21/12 11:49
PCB-1016 Peak 5	2.86	Baseline Event	hassl	12/21/12 11:49

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP4 Analysis Batch Number: 67207

Lab Sample ID: STD05 240-67207/6 IC Client Sample ID:

Date Analyzed: 12/04/12 09:13 Lab File ID: P4000006.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	2.14	Split Peak	hassl	12/05/12 06:22
PCB-1232 Peak 2	2.53	Split Peak	hassl	12/05/12 06:22
PCB-1232 Peak 3	2.98	Split Peak	hassl	12/05/12 06:22
PCB-1232 Peak 4	3.12	Split Peak	hassl	12/05/12 06:22
PCB-1232 Peak 5	3.73	Split Peak	hassl	12/05/12 06:22

Lab Sample ID: STD1 240-67207/7 IC Client Sample ID:

Date Analyzed: 12/04/12 09:29 Lab File ID: P4000007.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.54	Baseline Event	hassl	12/05/12 06:22
PCB-1232 Peak 2	1.82	Baseline Event	hassl	12/05/12 06:22
PCB-1232 Peak 3	2.22	Baseline Event	hassl	12/05/12 06:22
PCB-1232 Peak 4	2.34	Baseline Event	hassl	12/05/12 06:22
PCB-1232 Peak 5	2.71	Baseline Event	hassl	12/05/12 06:22

Lab Sample ID: STD2 240-67207/8 IC Client Sample ID:

Date Analyzed: 12/04/12 09:45 Lab File ID: P4000008.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	2.14	Split Peak	hassl	12/05/12 06:22
PCB-1232 Peak 2	2.53	Split Peak	hassl	12/05/12 06:22
PCB-1232 Peak 3	2.98	Split Peak	hassl	12/05/12 06:22
PCB-1232 Peak 4	3.12	Split Peak	hassl	12/05/12 06:22
PCB-1232 Peak 5	3.73	Split Peak	hassl	12/05/12 06:22

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP4 Analysis Batch Number: 67207

Lab Sample ID: ICV 240-67207/46 Client Sample ID:

Date Analyzed: 12/04/12 19:49 Lab File ID: P4000046.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	2.14	Split Peak	hassl	12/05/12 06:29
PCB-1232 Peak 2	2.53	Split Peak	hassl	12/05/12 06:29
PCB-1232 Peak 3	2.98	Split Peak	hassl	12/05/12 06:29
PCB-1232 Peak 4	3.12	Split Peak	hassl	12/05/12 06:29
PCB-1232 Peak 5	3.73	Split Peak	hassl	12/05/12 06:29

Lab Sample ID: ICV 240-67207/47 Client Sample ID:

Date Analyzed: 12/04/12 20:05 Lab File ID: P4000047.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.54	Baseline Event	hassl	12/05/12 06:28
PCB-1242 Peak 2	1.83	Baseline Event	hassl	12/05/12 06:28
PCB-1242 Peak 3	2.22	Baseline Event	hassl	12/05/12 06:28
PCB-1242 Peak 4	2.34	Baseline Event	hassl	12/05/12 06:28
PCB-1242 Peak 5	2.72	Baseline Event	hassl	12/05/12 06:28

Lab Sample ID: ICV 240-67207/49 Client Sample ID:

Date Analyzed: 12/04/12 20:37 Lab File ID: P4000049.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	3.08	Baseline Event	hassl	12/05/12 06:28
PCB-1254 Peak 2	3.72	Baseline Event	hassl	12/05/12 06:28
PCB-1254 Peak 3	4.01	Baseline Event	hassl	12/05/12 06:28
PCB-1254 Peak 4	4.20	Baseline Event	hassl	12/05/12 06:28
PCB-1254 Peak 5	4.48	Baseline Event	hassl	12/05/12 06:28

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP4 Analysis Batch Number: 67207

Lab Sample ID: ICV 240-67207/50 Client Sample ID:

Date Analyzed: 12/04/12 20:52 Lab File ID: P4000050.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	2.14	Baseline Event	hassl	12/05/12 06:28
PCB-1016 Peak 2	2.53	Baseline Event	hassl	12/05/12 06:28
PCB-1016 Peak 3	2.98	Baseline Event	hassl	12/05/12 06:28
PCB-1016 Peak 4	3.12	Baseline Event	hassl	12/05/12 06:28
PCB-1016 Peak 5	3.22	Baseline Event	hassl	12/05/12 06:28

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: PDA1 Analysis Batch Number: 7846

Lab Sample ID: LODV 320-7846/12 Client Sample ID:

Date Analyzed: 12/26/12 15:13 Lab File ID: 320-0001966-012-1.d GC Column: Luna NH2 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitroguanidine	4.27	Baseline	noonanr	12/26/12 15:39

8330 Modified

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: PDA1 Analysis Batch Number: 7855

Lab Sample ID: CCV 320-7855/22 Client Sample ID:

Date Analyzed: 12/26/12 20:43 Lab File ID: 320-0001969-022-1.d GC Column: Luna NH2 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitroguanidine	4.25	Split Peak	noonanr	12/28/12 08:23

8330 Modified

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: LC10 Analysis Batch Number: 3377

Lab Sample ID: STD05 320-3377/6 IC Client Sample ID:

Date Analyzed: 09/01/12 14:30 Lab File ID: A-000010.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Nitrotoluene	27.05	Baseline	noonanr	09/13/12 09:42

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: LC10 Analysis Batch Number: 7620

Lab Sample ID: CCVL 320-7620/15 Client Sample ID:

Date Analyzed: 12/20/12 01:45 Lab File ID: S000015.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,6-Dinitrotoluene	18.91	Incomplete Integration	noonanr	12/20/12 08:12

Lab Sample ID: 240-18544-19 Client Sample ID: 076SB-0100M-0001-SO

Date Analyzed: 12/20/12 10:28 Lab File ID: S000028.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3,4-Dinitrotoluene	16.82	Incomplete Integration	noonanr	12/20/12 12:51

Lab Sample ID: 240-18544-19 MSD Client Sample ID: 076SB-0100M-0001-SO MSD

Date Analyzed: 12/20/12 12:29 Lab File ID: S000031.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,6-Dinitrotoluene	18.93	Incomplete Integration	noonanr	12/21/12 13:50

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: LC10 Analysis Batch Number: 7620

Lab Sample ID: CCV 320-7620/37 CCVRT Client Sample ID:

Date Analyzed: 12/20/12 16:30 Lab File ID: S000037.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Dinitrobenzene	12.48	Baseline	noonanr	12/21/12 13:59
3,5-Dinitroaniline	13.23	Baseline	noonanr	12/21/12 13:59
Tetryl	13.66	Baseline	noonanr	12/21/12 13:59
Nitrobenzene	14.24	Baseline	noonanr	12/21/12 13:59
2,4,6-Trinitrotoluene	15.76	Baseline	noonanr	12/21/12 13:59
4-Amino-2,6-dinitrotoluene	16.31	Baseline	noonanr	12/21/12 13:59
3,4-Dinitrotoluene	16.76	Baseline	noonanr	12/21/12 13:59
2-Amino-4,6-dinitrotoluene	17.27	Baseline	noonanr	12/21/12 13:59
2,6-Dinitrotoluene	18.85	Baseline	noonanr	12/21/12 13:59
2,4-Dinitrotoluene	19.49	Baseline	noonanr	12/21/12 13:59

Lab Sample ID: CCV 320-7620/46 CCVRT Client Sample ID:

Date Analyzed: 12/20/12 23:14 Lab File ID: S000047.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PETN	28.65	Baseline	noonanr	12/21/12 14:20

Lab Sample ID: CCVL 320-7620/47 Client Sample ID:

Date Analyzed: 12/20/12 23:55 Lab File ID: S000048.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Amino-2,6-dinitrotoluene	16.27	Incomplete Integration	noonanr	12/21/12 14:23

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: LC12 Analysis Batch Number: 4221

Lab Sample ID: LODV 320-4221/13 Client Sample ID:

Date Analyzed: 10/02/12 00:29 Lab File ID: C-000015.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PETN	52.75	Baseline	noonanr	10/02/12 09:20

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: LC12 Analysis Batch Number: 7989

Lab Sample ID: CCVL 320-7989/4 Client Sample ID:

Date Analyzed: 12/28/12 13:55 Lab File ID: ZB000004.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitrobenzene	20.43	Incomplete Integration	noonanr	12/31/12 15:36
2,4,6-Trinitrotoluene	37.56	Incomplete Integration	noonanr	12/31/12 15:38

Lab Sample ID: 240-18544-19 Client Sample ID: 076SB-0100M-0001-SO

Date Analyzed: 12/28/12 16:06 Lab File ID: ZB000006.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3,5-Trinitrobenzene	25.40	Incomplete Integration	noonanr	12/31/12 15:40

Lab Sample ID: 240-18544-21 Client Sample ID: 076SB-0102M-0001-SO

Date Analyzed: 12/28/12 17:11 Lab File ID: ZB000007.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3,5-Trinitrobenzene	25.43	Incomplete Integration	noonanr	01/02/13 10:58

Lab Sample ID: 240-18544-26 Client Sample ID: 076SB-0107M-0001-SO

Date Analyzed: 12/28/12 18:17 Lab File ID: ZB000008.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,6-Dinitrotoluene	31.63	Incomplete Integration	noonanr	01/02/13 11:00

Lab Sample ID: CCVL 320-7989/12 Client Sample ID:

Date Analyzed: 12/28/12 22:38 Lab File ID: ZB000012.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,6-Trinitrotoluene	37.78	Incomplete Integration	noonanr	01/02/13 11:40

SAMPLE SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-18544-1	072SB-0063-0001-SO	Solid	12/06/2012 0922	12/07/2012 1755
240-18544-1MS	072SB-0063-0001-SO	Solid	12/06/2012 0922	12/07/2012 1755
240-18544-1MSD	072SB-0063-0001-SO	Solid	12/06/2012 0922	12/07/2012 1755
240-18544-1DU	072SB-0063-0001-SO	Solid	12/06/2012 0922	12/07/2012 1755
240-18544-2	072SB-0064-0001-SO	Solid	12/06/2012 0922	12/07/2012 1755
240-18544-3	072SB-0065-0001-SO	Solid	12/06/2012 0957	12/07/2012 1755
240-18544-4	072SB-0066-0001-SO	Solid	12/06/2012 1012	12/07/2012 1755
240-18544-5	072SB-0067-0001-SO	Solid	12/06/2012 1020	12/07/2012 1755
240-18544-6	072SB-0068-0001-SO	Solid	12/06/2012 0928	12/07/2012 1755
240-18544-7	076SB-0090M-0001-SO	Solid	12/06/2012 1440	12/07/2012 1755
240-18544-7MS	076SB-0090M-0001-SO	Solid	12/06/2012 1440	12/07/2012 1755
240-18544-7MSD	076SB-0090M-0001-SO	Solid	12/06/2012 1440	12/07/2012 1755
240-18544-7DU	076SB-0090M-0001-SO	Solid	12/06/2012 1440	12/07/2012 1755
240-18544-8	076SB-0091M-0001-SO	Solid	12/06/2012 1440	12/07/2012 1755
240-18544-8MS	076SB-0091M-0001-SO	Solid	12/06/2012 1440	12/07/2012 1755
240-18544-8MSD	076SB-0091M-0001-SO	Solid	12/06/2012 1440	12/07/2012 1755
240-18544-8DU	076SB-0091M-0001-SO	Solid	12/06/2012 1440	12/07/2012 1755
240-18544-9	072SB-0069-0001-TB	Water	12/06/2012 0800	12/07/2012 1755
240-18544-10	076SB-0092-0001-SO	Solid	12/06/2012 1325	12/07/2012 1755
240-18544-11	076SB-0093-0001-SO	Solid	12/06/2012 1325	12/07/2012 1755
240-18544-12	076SB-0094-0001-SO	Solid	12/06/2012 1335	12/07/2012 1755
240-18544-13	076SB-0095-0001-SO	Solid	12/06/2012 1335	12/07/2012 1755
240-18544-14	076SB-0096-0001-SO	Solid	12/06/2012 1408	12/07/2012 1755
240-18544-15	076SB-0097-0001-SO	Solid	12/06/2012 1408	12/07/2012 1755
240-18544-16	076SB-0098-0001-SO	Solid	12/06/2012 1433	12/07/2012 1755
240-18544-17	076SB-0099-0001-SO	Solid	12/06/2012 1540	12/07/2012 1755
240-18544-18	076SB-0078-0001-SO	Solid	12/06/2012 0930	12/07/2012 1755
240-18544-19	076SB-0100M-0001-SO	Solid	12/06/2012 1527	12/07/2012 1755
240-18544-19MS	076SB-0100M-0001-SO	Solid	12/06/2012 1527	12/07/2012 1755
240-18544-19MSD	076SB-0100M-0001-SO	Solid	12/06/2012 1527	12/07/2012 1755
240-18544-19DU	076SB-0100M-0001-SO	Solid	12/06/2012 1527	12/07/2012 1755
240-18544-20	076SB-0101M-0001-SO	Solid	12/06/2012 1527	12/07/2012 1755
240-18544-21	076SB-0102M-0001-SO	Solid	12/06/2012 1545	12/07/2012 1755
240-18544-22	076SB-0103M-0001-SO	Solid	12/06/2012 1545	12/07/2012 1755
240-18544-23	076SB-0104M-0001-SO	Solid	12/06/2012 1635	12/07/2012 1755
240-18544-24	076SB-0105M-0001-SO	Solid	12/06/2012 1635	12/07/2012 1755
240-18544-25	076SB-0106M-0001-SO	Solid	12/06/2012 1625	12/07/2012 1755
240-18544-26	076SB-0107M-0001-SO	Solid	12/06/2012 1625	12/07/2012 1755
240-18544-27	076SB-0108M-0001-SO	Solid	12/06/2012 1550	12/07/2012 1755
240-18544-28	076SB-0109M-0001-SO	Solid	12/06/2012 1605	12/07/2012 1755
240-18544-29	076SB-0110M-0001-SO	Solid	12/06/2012 1704	12/07/2012 1755
240-18544-30	076SB-0111M-0001-SO	Solid	12/06/2012 1704	12/07/2012 1755
240-18544-31	076SB-0112M-0001-SO	Solid	12/06/2012 1725	12/07/2012 1755
240-18544-32	076SB-0113M-0001-SO	Solid	12/06/2012 1725	12/07/2012 1755
240-18544-33	076SB-0114M-0001-SO	Solid	12/06/2012 1735	12/07/2012 1755
240-18544-34	076SB-0115M-0001-SO	Solid	12/06/2012 1735	12/07/2012 1755
240-18544-35	076SB-0116-0001-TB	Water	12/06/2012 0800	12/07/2012 1755
240-18544-36	076SB-0117-0001-TB	Water	12/06/2012 0800	12/07/2012 1755
240-18544-37	076SB-0118-0001-TB	Water	12/06/2012 0800	12/07/2012 1755
240-18544-38	075TR-0002-0001-SO	Solid	12/06/2012 1400	12/07/2012 1755
240-18544-39	075TR-0003-0001-SO	Solid	12/06/2012 1400	12/07/2012 1755
240-18544-40	075TR-0004-0001-SO	Solid	12/06/2012 1410	12/07/2012 1755
240-18544-41	075TR-0005-0001-SO	Solid	12/06/2012 1420	12/07/2012 1755

SAMPLE SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-18544-42	075TR-0006-0001-SO	Solid	12/06/2012 1430	12/07/2012 1755
240-18544-43	075TR-0007-0001-SO	Solid	12/06/2012 1440	12/07/2012 1755

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-1	**072SB-0063-0001-SO**					
Bis(2-ethylhexyl) phthalate		23	J B	57	ug/Kg	8270C/DoD
Silver		0.024	J	0.10	mg/Kg	6020/DOD
Aluminum		5400		3.1	mg/Kg	6020/DOD
Arsenic		11		0.10	mg/Kg	6020/DOD
Barium		21	Q	1.0	mg/Kg	6020/DOD
Beryllium		0.40		0.10	mg/Kg	6020/DOD
Calcium		1200		10	mg/Kg	6020/DOD
Cadmium		0.15	Q	0.10	mg/Kg	6020/DOD
Chromium		9.2		0.21	mg/Kg	6020/DOD
Cobalt		7.7	Q	0.052	mg/Kg	6020/DOD
Copper		15	Q	0.21	mg/Kg	6020/DOD
Iron		17000		5.2	mg/Kg	6020/DOD
Magnesium		1600		10	mg/Kg	6020/DOD
Manganese		270	Q	0.52	mg/Kg	6020/DOD
Sodium		32		10	mg/Kg	6020/DOD
Nickel		16	Q	0.10	mg/Kg	6020/DOD
Lead		11		0.10	mg/Kg	6020/DOD
Antimony		0.069	J	0.21	mg/Kg	6020/DOD
Thallium		0.12		0.10	mg/Kg	6020/DOD
Vanadium		9.8		0.10	mg/Kg	6020/DOD
Zinc		59	Q	0.52	mg/Kg	6020/DOD
Potassium		950		10	mg/Kg	6020/DOD
Selenium		0.38	J	0.52	mg/Kg	6020/DOD
Mercury		0.017	J	0.12	mg/Kg	7471/DOD
Percent Solids		89		0.10	%	Moisture
Percent Moisture		11		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-2	**072SB-0064-0001-SO**					
Toluene		0.94	J	4.2	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		21	J B	56	ug/Kg	8270C/DoD
Silver		0.028	J	0.090	mg/Kg	6020/DOD
Aluminum		5500		2.7	mg/Kg	6020/DOD
Arsenic		10		0.090	mg/Kg	6020/DOD
Barium		23	Q	0.90	mg/Kg	6020/DOD
Beryllium		0.38		0.090	mg/Kg	6020/DOD
Calcium		1100		9.0	mg/Kg	6020/DOD
Cadmium		0.19	Q	0.090	mg/Kg	6020/DOD
Chromium		9.0		0.18	mg/Kg	6020/DOD
Cobalt		7.6	Q	0.045	mg/Kg	6020/DOD
Copper		14	Q	0.18	mg/Kg	6020/DOD
Iron		18000		4.5	mg/Kg	6020/DOD
Magnesium		1700		9.0	mg/Kg	6020/DOD
Manganese		420	Q	0.45	mg/Kg	6020/DOD
Sodium		27		9.0	mg/Kg	6020/DOD
Nickel		19	Q	0.090	mg/Kg	6020/DOD
Lead		9.7		0.090	mg/Kg	6020/DOD
Antimony		0.061	J	0.18	mg/Kg	6020/DOD
Thallium		0.13		0.090	mg/Kg	6020/DOD
Vanadium		9.6		0.090	mg/Kg	6020/DOD
Zinc		52	Q	0.45	mg/Kg	6020/DOD
Potassium		960		9.0	mg/Kg	6020/DOD
Selenium		0.21	J	0.45	mg/Kg	6020/DOD
Mercury		0.024	J	0.12	mg/Kg	7471/DOD
Percent Solids		90		0.10	%	Moisture
Percent Moisture		10		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-3	**072SB-0065-0001-SO**					
Toluene		0.86	J	4.3	ug/Kg	8260B/DoD
Benzo[b]fluoranthene		6.1	J	7.4	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		6.9	J	7.4	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		24	J B	56	ug/Kg	8270C/DoD
Silver		0.028	J	0.11	mg/Kg	6020/DOD
Aluminum		5600		3.2	mg/Kg	6020/DOD
Arsenic		9.7		0.11	mg/Kg	6020/DOD
Barium		20	Q	1.1	mg/Kg	6020/DOD
Beryllium		0.37		0.11	mg/Kg	6020/DOD
Calcium		18000		11	mg/Kg	6020/DOD
Cadmium		0.12	Q	0.11	mg/Kg	6020/DOD
Chromium		9.4		0.21	mg/Kg	6020/DOD
Cobalt		6.4	Q	0.053	mg/Kg	6020/DOD
Copper		13	Q	0.21	mg/Kg	6020/DOD
Iron		18000		5.3	mg/Kg	6020/DOD
Magnesium		3300		11	mg/Kg	6020/DOD
Manganese		230	Q	0.53	mg/Kg	6020/DOD
Sodium		54		11	mg/Kg	6020/DOD
Nickel		15	Q	0.11	mg/Kg	6020/DOD
Lead		10		0.11	mg/Kg	6020/DOD
Antimony		0.062	J	0.21	mg/Kg	6020/DOD
Thallium		0.083	J	0.11	mg/Kg	6020/DOD
Vanadium		10		0.11	mg/Kg	6020/DOD
Zinc		50	Q	0.53	mg/Kg	6020/DOD
Potassium		1100		11	mg/Kg	6020/DOD
Selenium		0.38	J	0.53	mg/Kg	6020/DOD
Percent Solids		89		0.10	%	Moisture
Percent Moisture		11		0.10	%	Moisture
Nitrocellulose		10	J	52	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-4	**072SB-0066-0001-SO**					
Toluene		0.53	J	4.1	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		26	J B	57	ug/Kg	8270C/DoD
C10-C20		12	J	19	mg/Kg	8015B_DRO/DOD
C20-C34		26	M	19	mg/Kg	8015B_DRO/DOD
Silver		0.050	J	0.10	mg/Kg	6020/DOD
Aluminum		7000		3.1	mg/Kg	6020/DOD
Arsenic		17		0.10	mg/Kg	6020/DOD
Barium		35	Q	1.0	mg/Kg	6020/DOD
Beryllium		0.44		0.10	mg/Kg	6020/DOD
Calcium		1600		10	mg/Kg	6020/DOD
Cadmium		0.22	Q	0.10	mg/Kg	6020/DOD
Chromium		14		0.21	mg/Kg	6020/DOD
Cobalt		7.7	Q	0.051	mg/Kg	6020/DOD
Copper		19	Q	0.21	mg/Kg	6020/DOD
Iron		25000		5.1	mg/Kg	6020/DOD
Magnesium		2400		10	mg/Kg	6020/DOD
Manganese		270	Q	0.51	mg/Kg	6020/DOD
Sodium		33		10	mg/Kg	6020/DOD
Nickel		21	Q	0.10	mg/Kg	6020/DOD
Lead		15		0.10	mg/Kg	6020/DOD
Antimony		0.062	J	0.21	mg/Kg	6020/DOD
Thallium		0.14		0.10	mg/Kg	6020/DOD
Vanadium		11		0.10	mg/Kg	6020/DOD
Zinc		86	Q	0.51	mg/Kg	6020/DOD
Potassium		1200		10	mg/Kg	6020/DOD
Selenium		0.26	J	0.51	mg/Kg	6020/DOD
Mercury		0.020	J	0.12	mg/Kg	7471/DOD
Percent Solids		89		0.10	%	Moisture
Percent Moisture		11		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-5	**072SB-0067-0001-SO**					
Toluene		3.0	J	4.6	ug/Kg	8260B/DoD
Acenaphthene		83		30	ug/Kg	8270C/DoD
Dibenzofuran		100	J	220	ug/Kg	8270C/DoD
Pyrene		20	J	30	ug/Kg	8270C/DoD
C6-C12		6700		4400	ug/Kg	8015B
C10-C20		990	D	180	mg/Kg	8015B_DRO/DOD
C20-C34		160	J D	180	mg/Kg	8015B_DRO/DOD
Silver		0.025	J	0.087	mg/Kg	6020/DOD
Aluminum		5100		2.6	mg/Kg	6020/DOD
Arsenic		7.9		0.087	mg/Kg	6020/DOD
Barium		21	Q	0.87	mg/Kg	6020/DOD
Beryllium		0.34		0.087	mg/Kg	6020/DOD
Calcium		6500		8.7	mg/Kg	6020/DOD
Cadmium		0.15	Q	0.087	mg/Kg	6020/DOD
Chromium		8.4		0.17	mg/Kg	6020/DOD
Cobalt		6.6	Q	0.043	mg/Kg	6020/DOD
Copper		14	Q	0.17	mg/Kg	6020/DOD
Iron		16000		4.3	mg/Kg	6020/DOD
Magnesium		2500		8.7	mg/Kg	6020/DOD
Manganese		260	Q	0.43	mg/Kg	6020/DOD
Sodium		33		8.7	mg/Kg	6020/DOD
Nickel		15	Q	0.087	mg/Kg	6020/DOD
Lead		15		0.087	mg/Kg	6020/DOD
Antimony		0.057	J	0.17	mg/Kg	6020/DOD
Thallium		0.10		0.087	mg/Kg	6020/DOD
Vanadium		9.6		0.087	mg/Kg	6020/DOD
Zinc		52	Q	0.43	mg/Kg	6020/DOD
Potassium		950		8.7	mg/Kg	6020/DOD
Selenium		0.17	J	0.43	mg/Kg	6020/DOD
Mercury		0.020	J	0.098	mg/Kg	7471/DOD
Percent Solids		90		0.10	%	Moisture
Percent Moisture		10		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-6	**072SB-0068-0001-SO**					
Toluene		3.1	J	4.9	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		22	J B	55	ug/Kg	8270C/DoD
Silver		0.024	J	0.092	mg/Kg	6020/DOD
Aluminum		5100		2.7	mg/Kg	6020/DOD
Arsenic		10		0.092	mg/Kg	6020/DOD
Barium		21	Q	0.92	mg/Kg	6020/DOD
Beryllium		0.38		0.092	mg/Kg	6020/DOD
Calcium		1800		9.2	mg/Kg	6020/DOD
Cadmium		0.14	Q	0.092	mg/Kg	6020/DOD
Chromium		8.9		0.18	mg/Kg	6020/DOD
Cobalt		7.0	Q	0.046	mg/Kg	6020/DOD
Copper		15	Q	0.18	mg/Kg	6020/DOD
Iron		18000		4.6	mg/Kg	6020/DOD
Magnesium		2000		9.2	mg/Kg	6020/DOD
Manganese		220	Q	0.46	mg/Kg	6020/DOD
Sodium		27		9.2	mg/Kg	6020/DOD
Nickel		15	Q	0.092	mg/Kg	6020/DOD
Lead		8.9		0.092	mg/Kg	6020/DOD
Antimony		0.073	J	0.18	mg/Kg	6020/DOD
Thallium		0.089	J	0.092	mg/Kg	6020/DOD
Vanadium		9.3		0.092	mg/Kg	6020/DOD
Zinc		59	Q	0.46	mg/Kg	6020/DOD
Potassium		890		9.2	mg/Kg	6020/DOD
Selenium		0.20	J	0.46	mg/Kg	6020/DOD
Mercury		0.022	J	0.11	mg/Kg	7471/DOD
Percent Solids		90		0.10	%	Moisture
Percent Moisture		9.7		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-7	**076SB-0090M-0001-SO**					
Toluene		1.5	J	6.2	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		25	J B	50	ug/Kg	8270C/DoD
Naphthalene		3.3	J	6.6	ug/Kg	8270C/DoD
Silver		0.019	J	0.088	mg/Kg	6020/DOD
Aluminum		7700		2.6	mg/Kg	6020/DOD
Arsenic		13		0.088	mg/Kg	6020/DOD
Barium		34	Q	0.88	mg/Kg	6020/DOD
Beryllium		0.41		0.088	mg/Kg	6020/DOD
Calcium		780		8.8	mg/Kg	6020/DOD
Cadmium		0.15	Q	0.088	mg/Kg	6020/DOD
Chromium		14		0.18	mg/Kg	6020/DOD
Cobalt		7.0	Q	0.044	mg/Kg	6020/DOD
Copper		16	Q	0.18	mg/Kg	6020/DOD
Iron		24000		4.4	mg/Kg	6020/DOD
Magnesium		1900		8.8	mg/Kg	6020/DOD
Manganese		290	Q	0.44	mg/Kg	6020/DOD
Sodium		24		8.8	mg/Kg	6020/DOD
Nickel		17	Q	0.088	mg/Kg	6020/DOD
Lead		16		0.088	mg/Kg	6020/DOD
Antimony		0.11	J	0.18	mg/Kg	6020/DOD
Thallium		0.14		0.088	mg/Kg	6020/DOD
Vanadium		14		0.088	mg/Kg	6020/DOD
Zinc		56	Q	0.44	mg/Kg	6020/DOD
Potassium		820		8.8	mg/Kg	6020/DOD
Selenium		0.46		0.44	mg/Kg	6020/DOD
Mercury		0.032	J	0.095	mg/Kg	7471/DOD
Percent Solids		89		0.10	%	Moisture
Percent Moisture		11		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-8	**076SB-0091M-0001-SO**					
Methylene Chloride		1.6	J	5.1	ug/Kg	8260B/DoD
Toluene		2.0	J	5.1	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		22	J B	50	ug/Kg	8270C/DoD
Silver		0.023	J	0.085	mg/Kg	6020/DOD
Aluminum		5900	J	2.6	mg/Kg	6020/DOD
Arsenic		14		0.085	mg/Kg	6020/DOD
Barium		32	Q	0.85	mg/Kg	6020/DOD
Beryllium		0.43		0.085	mg/Kg	6020/DOD
Calcium		1000		8.5	mg/Kg	6020/DOD
Cadmium		0.18	Q	0.085	mg/Kg	6020/DOD
Chromium		14		0.17	mg/Kg	6020/DOD
Cobalt		8.4	Q	0.043	mg/Kg	6020/DOD
Copper		16	Q	0.17	mg/Kg	6020/DOD
Iron		24000	J	4.3	mg/Kg	6020/DOD
Magnesium		1800		8.5	mg/Kg	6020/DOD
Manganese		410	Q J	0.43	mg/Kg	6020/DOD
Sodium		36		8.5	mg/Kg	6020/DOD
Nickel		21	Q	0.085	mg/Kg	6020/DOD
Lead		13		0.085	mg/Kg	6020/DOD
Antimony		0.11	J	0.17	mg/Kg	6020/DOD
Thallium		0.13		0.085	mg/Kg	6020/DOD
Vanadium		12		0.085	mg/Kg	6020/DOD
Zinc		57	Q	0.43	mg/Kg	6020/DOD
Potassium		780		8.5	mg/Kg	6020/DOD
Selenium		0.32	J	0.43	mg/Kg	6020/DOD
Mercury		0.030	J	0.11	mg/Kg	7471/DOD
Percent Solids		93		0.10	%	Moisture
Percent Moisture		7.0		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-10	**076SB-0092-0001-SO**					
2-Hexanone		1.5	J	20	ug/Kg	8260B/DoD
4-Methyl-2-pentanone (MIBK)		1.0	J	20	ug/Kg	8260B/DoD
Toluene		0.84	J	4.9	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		30	J B	49	ug/Kg	8270C/DoD
2-Methylnaphthalene		3.3	J	6.6	ug/Kg	8270C/DoD
Phenanthrene		5.1	J	6.6	ug/Kg	8270C/DoD
Silver		0.028	J	0.075	mg/Kg	6020/DOD
Aluminum		8000		2.2	mg/Kg	6020/DOD
Arsenic		13		0.075	mg/Kg	6020/DOD
Barium		42	Q	0.75	mg/Kg	6020/DOD
Beryllium		0.43		0.075	mg/Kg	6020/DOD
Calcium		3400		7.5	mg/Kg	6020/DOD
Cadmium		0.11	Q	0.075	mg/Kg	6020/DOD
Chromium		16		0.15	mg/Kg	6020/DOD
Cobalt		10	Q	0.037	mg/Kg	6020/DOD
Copper		16	Q	0.15	mg/Kg	6020/DOD
Iron		22000		3.7	mg/Kg	6020/DOD
Magnesium		2500		7.5	mg/Kg	6020/DOD
Manganese		490	Q	0.37	mg/Kg	6020/DOD
Sodium		39		7.5	mg/Kg	6020/DOD
Nickel		19	Q	0.075	mg/Kg	6020/DOD
Lead		17		0.075	mg/Kg	6020/DOD
Antimony		0.16		0.15	mg/Kg	6020/DOD
Thallium		0.13		0.075	mg/Kg	6020/DOD
Vanadium		15		0.075	mg/Kg	6020/DOD
Zinc		53	Q	0.37	mg/Kg	6020/DOD
Potassium		720		7.5	mg/Kg	6020/DOD
Selenium		0.44		0.37	mg/Kg	6020/DOD
Mercury		0.038	J	0.12	mg/Kg	7471/DOD
Percent Solids		91		0.10	%	Moisture
Percent Moisture		8.5		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-11	**076SB-0093-0001-SO**					
Toluene		1.1	J	6.0	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		34	J B	50	ug/Kg	8270C/DoD
Phenanthrene		3.5	J	6.7	ug/Kg	8270C/DoD
Silver		0.026	J	0.077	mg/Kg	6020/DOD
Aluminum		8000		2.3	mg/Kg	6020/DOD
Arsenic		12		0.077	mg/Kg	6020/DOD
Barium		39	Q	0.77	mg/Kg	6020/DOD
Beryllium		0.43		0.077	mg/Kg	6020/DOD
Calcium		3300		7.7	mg/Kg	6020/DOD
Cadmium		0.12	Q	0.077	mg/Kg	6020/DOD
Chromium		16		0.15	mg/Kg	6020/DOD
Cobalt		9.1	Q	0.038	mg/Kg	6020/DOD
Copper		17	Q	0.15	mg/Kg	6020/DOD
Iron		25000		3.8	mg/Kg	6020/DOD
Magnesium		2600		7.7	mg/Kg	6020/DOD
Manganese		460	Q	0.38	mg/Kg	6020/DOD
Sodium		41		7.7	mg/Kg	6020/DOD
Nickel		19	Q	0.077	mg/Kg	6020/DOD
Lead		20		0.077	mg/Kg	6020/DOD
Antimony		0.12	J	0.15	mg/Kg	6020/DOD
Thallium		0.13		0.077	mg/Kg	6020/DOD
Vanadium		17		0.077	mg/Kg	6020/DOD
Zinc		57	Q	0.38	mg/Kg	6020/DOD
Potassium		810		7.7	mg/Kg	6020/DOD
Selenium		0.37	J	0.38	mg/Kg	6020/DOD
Mercury		0.039	J	0.10	mg/Kg	7471/DOD
Percent Solids		92		0.10	%	Moisture
Percent Moisture		8.5		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-12	**076SB-0094-0001-SO**					
Toluene		1.0	J	5.7	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		27	J B	50	ug/Kg	8270C/DoD
Silver		0.025	J	0.089	mg/Kg	6020/DOD
Aluminum		9500		2.7	mg/Kg	6020/DOD
Arsenic		17		0.089	mg/Kg	6020/DOD
Barium		47	Q	0.89	mg/Kg	6020/DOD
Beryllium		0.51		0.089	mg/Kg	6020/DOD
Calcium		970		8.9	mg/Kg	6020/DOD
Cadmium		0.13	Q	0.089	mg/Kg	6020/DOD
Chromium		17		0.18	mg/Kg	6020/DOD
Cobalt		9.7	Q	0.045	mg/Kg	6020/DOD
Copper		17	Q	0.18	mg/Kg	6020/DOD
Iron		29000		4.5	mg/Kg	6020/DOD
Magnesium		2100		8.9	mg/Kg	6020/DOD
Manganese		380	Q	0.45	mg/Kg	6020/DOD
Sodium		39		8.9	mg/Kg	6020/DOD
Nickel		21	Q	0.089	mg/Kg	6020/DOD
Lead		24		0.089	mg/Kg	6020/DOD
Antimony		0.23		0.18	mg/Kg	6020/DOD
Thallium		0.14		0.089	mg/Kg	6020/DOD
Vanadium		18		0.089	mg/Kg	6020/DOD
Zinc		63	Q	0.45	mg/Kg	6020/DOD
Potassium		790		8.9	mg/Kg	6020/DOD
Selenium		0.47		0.45	mg/Kg	6020/DOD
Mercury		0.042	J	0.10	mg/Kg	7471/DOD
Percent Solids		91		0.10	%	Moisture
Percent Moisture		9.0		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-13	**076SB-0095-0001-SO**					
Methylene Chloride		1.4	J	5.8	ug/Kg	8260B/DoD
Toluene		2.7	J	5.8	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		33	J B	50	ug/Kg	8270C/DoD
Phenanthrene		3.6	J	6.7	ug/Kg	8270C/DoD
Silver		0.024	J	0.069	mg/Kg	6020/DOD
Aluminum		11000		2.1	mg/Kg	6020/DOD
Arsenic		13		0.069	mg/Kg	6020/DOD
Barium		49	Q	0.69	mg/Kg	6020/DOD
Beryllium		0.50		0.069	mg/Kg	6020/DOD
Calcium		1000		6.9	mg/Kg	6020/DOD
Cadmium		0.13	Q	0.069	mg/Kg	6020/DOD
Chromium		18		0.14	mg/Kg	6020/DOD
Cobalt		8.6	Q	0.035	mg/Kg	6020/DOD
Copper		17	Q	0.14	mg/Kg	6020/DOD
Iron		25000		3.5	mg/Kg	6020/DOD
Magnesium		2300		6.9	mg/Kg	6020/DOD
Manganese		310	Q	0.35	mg/Kg	6020/DOD
Sodium		40		6.9	mg/Kg	6020/DOD
Nickel		20	Q	0.069	mg/Kg	6020/DOD
Lead		20		0.069	mg/Kg	6020/DOD
Antimony		0.11	J	0.14	mg/Kg	6020/DOD
Thallium		0.15		0.069	mg/Kg	6020/DOD
Vanadium		19		0.069	mg/Kg	6020/DOD
Zinc		59	Q	0.35	mg/Kg	6020/DOD
Potassium		820		6.9	mg/Kg	6020/DOD
Selenium		0.39		0.35	mg/Kg	6020/DOD
Mercury		0.038	J	0.097	mg/Kg	7471/DOD
Percent Solids		86		0.10	%	Moisture
Percent Moisture		14		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-14	**076SB-0096-0001-SO**					
Toluene		0.94	J	4.7	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		27	J B	50	ug/Kg	8270C/DoD
Silver		0.019	J	0.070	mg/Kg	6020/DOD
Aluminum		6600		2.1	mg/Kg	6020/DOD
Arsenic		13		0.070	mg/Kg	6020/DOD
Barium		29	Q	0.70	mg/Kg	6020/DOD
Beryllium		0.42		0.070	mg/Kg	6020/DOD
Calcium		700		7.0	mg/Kg	6020/DOD
Cadmium		0.19	Q	0.070	mg/Kg	6020/DOD
Chromium		14		0.14	mg/Kg	6020/DOD
Cobalt		8.3	Q	0.035	mg/Kg	6020/DOD
Copper		17	Q	0.14	mg/Kg	6020/DOD
Iron		26000		3.5	mg/Kg	6020/DOD
Magnesium		1900		7.0	mg/Kg	6020/DOD
Manganese		510	Q	0.35	mg/Kg	6020/DOD
Sodium		20		7.0	mg/Kg	6020/DOD
Nickel		21	Q	0.070	mg/Kg	6020/DOD
Lead		14		0.070	mg/Kg	6020/DOD
Antimony		0.11	J	0.14	mg/Kg	6020/DOD
Thallium		0.13		0.070	mg/Kg	6020/DOD
Vanadium		13		0.070	mg/Kg	6020/DOD
Zinc		62	Q	0.35	mg/Kg	6020/DOD
Potassium		810		7.0	mg/Kg	6020/DOD
Selenium		0.32	J	0.35	mg/Kg	6020/DOD
Mercury		0.031	J	0.098	mg/Kg	7471/DOD
Percent Solids		88		0.10	%	Moisture
Percent Moisture		12		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-15	**076SB-0097-0001-SO**					
Toluene		0.73	J	4.4	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		26	J B	50	ug/Kg	8270C/DoD
Silver		0.019	J	0.081	mg/Kg	6020/DOD
Aluminum		6600		2.4	mg/Kg	6020/DOD
Arsenic		16		0.081	mg/Kg	6020/DOD
Barium		30	Q	0.81	mg/Kg	6020/DOD
Beryllium		0.47		0.081	mg/Kg	6020/DOD
Calcium		640		8.1	mg/Kg	6020/DOD
Cadmium		0.20	Q	0.081	mg/Kg	6020/DOD
Chromium		15		0.16	mg/Kg	6020/DOD
Cobalt		8.6	Q	0.040	mg/Kg	6020/DOD
Copper		18	Q	0.16	mg/Kg	6020/DOD
Iron		26000		4.0	mg/Kg	6020/DOD
Magnesium		1800		8.1	mg/Kg	6020/DOD
Manganese		480	Q	0.40	mg/Kg	6020/DOD
Sodium		22		8.1	mg/Kg	6020/DOD
Nickel		22	Q	0.081	mg/Kg	6020/DOD
Lead		14		0.081	mg/Kg	6020/DOD
Antimony		0.12	J	0.16	mg/Kg	6020/DOD
Thallium		0.13		0.081	mg/Kg	6020/DOD
Vanadium		13		0.081	mg/Kg	6020/DOD
Zinc		70	Q	0.40	mg/Kg	6020/DOD
Potassium		870		8.1	mg/Kg	6020/DOD
Selenium		0.29	J	0.40	mg/Kg	6020/DOD
Mercury		0.026	J	0.090	mg/Kg	7471/DOD
Percent Solids		89		0.10	%	Moisture
Percent Moisture		11		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-16	**076SB-0098-0001-SO**					
Carbon disulfide		0.92	J	4.8	ug/Kg	8260B/DoD
Toluene		0.84	J	4.8	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		36	J B	50	ug/Kg	8270C/DoD
4,4'-DDE		0.47	J	1.7	ug/Kg	8081/DOD
Silver		0.030	J	0.095	mg/Kg	6020/DOD
Aluminum		7700		2.9	mg/Kg	6020/DOD
Arsenic		14		0.095	mg/Kg	6020/DOD
Barium		36	Q	0.95	mg/Kg	6020/DOD
Beryllium		0.46		0.095	mg/Kg	6020/DOD
Calcium		2100		9.5	mg/Kg	6020/DOD
Cadmium		0.19	Q	0.095	mg/Kg	6020/DOD
Chromium		16		0.19	mg/Kg	6020/DOD
Cobalt		8.6	Q	0.048	mg/Kg	6020/DOD
Copper		15	Q	0.19	mg/Kg	6020/DOD
Iron		23000		4.8	mg/Kg	6020/DOD
Magnesium		2500		9.5	mg/Kg	6020/DOD
Manganese		340	Q	0.48	mg/Kg	6020/DOD
Sodium		42		9.5	mg/Kg	6020/DOD
Nickel		21	Q	0.095	mg/Kg	6020/DOD
Lead		11		0.095	mg/Kg	6020/DOD
Antimony		0.10	J	0.19	mg/Kg	6020/DOD
Thallium		0.12		0.095	mg/Kg	6020/DOD
Vanadium		14		0.095	mg/Kg	6020/DOD
Zinc		63	Q	0.48	mg/Kg	6020/DOD
Potassium		1400		9.5	mg/Kg	6020/DOD
Selenium		0.25	J	0.48	mg/Kg	6020/DOD
Mercury		0.027	J	0.11	mg/Kg	7471/DOD
Percent Solids		90		0.10	%	Moisture
Percent Moisture		10		0.10	%	Moisture
Nitrocellulose		6.8	J	38	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-17	**076SB-0099-0001-SO**					
Toluene		0.96	J	4.8	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		36	J B	51	ug/Kg	8270C/DoD
2-Methylnaphthalene		4.2	J	6.8	ug/Kg	8270C/DoD
Naphthalene		5.1	J	6.8	ug/Kg	8270C/DoD
Silver		0.025	J	0.091	mg/Kg	6020/DOD
Aluminum		6700		2.7	mg/Kg	6020/DOD
Arsenic		15		0.091	mg/Kg	6020/DOD
Barium		31	Q	0.91	mg/Kg	6020/DOD
Beryllium		0.48		0.091	mg/Kg	6020/DOD
Calcium		1000		9.1	mg/Kg	6020/DOD
Cadmium		0.20	Q	0.091	mg/Kg	6020/DOD
Chromium		14		0.18	mg/Kg	6020/DOD
Cobalt		7.8	Q	0.045	mg/Kg	6020/DOD
Copper		16	Q	0.18	mg/Kg	6020/DOD
Iron		31000		4.5	mg/Kg	6020/DOD
Magnesium		1800		9.1	mg/Kg	6020/DOD
Manganese		480	Q	0.45	mg/Kg	6020/DOD
Sodium		31		9.1	mg/Kg	6020/DOD
Nickel		21	Q	0.091	mg/Kg	6020/DOD
Lead		14		0.091	mg/Kg	6020/DOD
Antimony		0.12	J	0.18	mg/Kg	6020/DOD
Thallium		0.13		0.091	mg/Kg	6020/DOD
Vanadium		14		0.091	mg/Kg	6020/DOD
Zinc		64	Q	0.45	mg/Kg	6020/DOD
Potassium		870		9.1	mg/Kg	6020/DOD
Selenium		0.34	J	0.45	mg/Kg	6020/DOD
Mercury		0.028	J	0.090	mg/Kg	7471/DOD
Percent Solids		92		0.10	%	Moisture
Percent Moisture		8.4		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-18	**076SB-0078-0001-SO**					
Toluene		4.0	J	5.3	ug/Kg	8260B/DoD
Benzo[b]fluoranthene		4.4	J	7.4	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		9.7		7.4	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		4.7	J M	7.4	ug/Kg	8270C/DoD
Fluoranthene		3.7	J	7.4	ug/Kg	8270C/DoD
Pyrene		4.8	J	7.4	ug/Kg	8270C/DoD
Silver		0.060	J	0.099	mg/Kg	6020/DOD
Aluminum		3500		3.0	mg/Kg	6020/DOD
Arsenic		15		0.099	mg/Kg	6020/DOD
Barium		44	Q	0.99	mg/Kg	6020/DOD
Beryllium		0.28		0.099	mg/Kg	6020/DOD
Calcium		14000		9.9	mg/Kg	6020/DOD
Cadmium		0.20	Q	0.099	mg/Kg	6020/DOD
Chromium		5.9		0.20	mg/Kg	6020/DOD
Cobalt		5.0	Q	0.050	mg/Kg	6020/DOD
Copper		17	Q	0.20	mg/Kg	6020/DOD
Iron		31000		5.0	mg/Kg	6020/DOD
Magnesium		3100		9.9	mg/Kg	6020/DOD
Manganese		290	Q	0.50	mg/Kg	6020/DOD
Sodium		35		9.9	mg/Kg	6020/DOD
Nickel		13	Q	0.099	mg/Kg	6020/DOD
Lead		10		0.099	mg/Kg	6020/DOD
Antimony		0.18	J	0.20	mg/Kg	6020/DOD
Thallium		0.14		0.099	mg/Kg	6020/DOD
Vanadium		7.4		0.099	mg/Kg	6020/DOD
Zinc		49	Q	0.50	mg/Kg	6020/DOD
Potassium		620		9.9	mg/Kg	6020/DOD
Selenium		0.28	J	0.50	mg/Kg	6020/DOD
Mercury		0.029	J	0.12	mg/Kg	7471/DOD
Percent Solids		92		0.10	%	Moisture
Percent Moisture		8.3		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-19	**076SB-0100M-0001-SO**					
2-Hexanone		2.0	J	22	ug/Kg	8260B/DoD
4-Methyl-2-pentanone (MIBK)		1.3	J	22	ug/Kg	8260B/DoD
Toluene		1.7	J	5.5	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		21	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		5.8	J	6.7	ug/Kg	8270C/DoD
Naphthalene		5.8	J	6.7	ug/Kg	8270C/DoD
Silver		0.025	J	0.088	mg/Kg	6020/DOD
Aluminum		9700	J	2.6	mg/Kg	6020/DOD
Arsenic		15		0.088	mg/Kg	6020/DOD
Barium		44	Q	0.88	mg/Kg	6020/DOD
Beryllium		0.49		0.088	mg/Kg	6020/DOD
Calcium		1200		8.8	mg/Kg	6020/DOD
Cadmium		0.15		0.088	mg/Kg	6020/DOD
Chromium		20		0.18	mg/Kg	6020/DOD
Cobalt		8.1	Q	0.044	mg/Kg	6020/DOD
Copper		14	Q	0.18	mg/Kg	6020/DOD
Iron		24000		4.4	mg/Kg	6020/DOD
Magnesium		2300		8.8	mg/Kg	6020/DOD
Manganese		340	J	0.44	mg/Kg	6020/DOD
Sodium		31		8.8	mg/Kg	6020/DOD
Nickel		20		0.088	mg/Kg	6020/DOD
Lead		12		0.088	mg/Kg	6020/DOD
Antimony		0.12	J	0.18	mg/Kg	6020/DOD
Thallium		0.19		0.088	mg/Kg	6020/DOD
Vanadium		17		0.088	mg/Kg	6020/DOD
Zinc		50	Q	0.44	mg/Kg	6020/DOD
Potassium		900		8.8	mg/Kg	6020/DOD
Selenium		0.76	Q	0.44	mg/Kg	6020/DOD
Mercury		0.032	J	0.11	mg/Kg	7471/DOD
Percent Solids		94		0.10	%	Moisture
Percent Moisture		6.0		0.10	%	Moisture
Nitrocellulose		8.3	J	46	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-20	**076SB-0101M-0001-SO**					
Toluene		1.1	J	5.1	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		23	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		5.0	J	6.7	ug/Kg	8270C/DoD
Naphthalene		5.6	J	6.7	ug/Kg	8270C/DoD
Silver		0.025	J	0.095	mg/Kg	6020/DOD
Aluminum		7500		2.9	mg/Kg	6020/DOD
Arsenic		13		0.095	mg/Kg	6020/DOD
Barium		38	Q	0.95	mg/Kg	6020/DOD
Beryllium		0.50		0.095	mg/Kg	6020/DOD
Calcium		1400		9.5	mg/Kg	6020/DOD
Cadmium		0.21	Q	0.095	mg/Kg	6020/DOD
Chromium		14		0.19	mg/Kg	6020/DOD
Cobalt		10	Q	0.048	mg/Kg	6020/DOD
Copper		16	Q	0.19	mg/Kg	6020/DOD
Iron		23000		4.8	mg/Kg	6020/DOD
Magnesium		2600		9.5	mg/Kg	6020/DOD
Manganese		360	Q	0.48	mg/Kg	6020/DOD
Sodium		37		9.5	mg/Kg	6020/DOD
Nickel		24	Q	0.095	mg/Kg	6020/DOD
Lead		11		0.095	mg/Kg	6020/DOD
Antimony		0.083	J	0.19	mg/Kg	6020/DOD
Thallium		0.13		0.095	mg/Kg	6020/DOD
Vanadium		13		0.095	mg/Kg	6020/DOD
Zinc		70	Q	0.48	mg/Kg	6020/DOD
Potassium		980		9.5	mg/Kg	6020/DOD
Selenium		0.30	J	0.48	mg/Kg	6020/DOD
Mercury		0.021	J	0.094	mg/Kg	7471/DOD
Percent Solids		91		0.10	%	Moisture
Percent Moisture		8.9		0.10	%	Moisture
Nitrocellulose		8.5	J	45	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-21	**076SB-0102M-0001-SO**					
Toluene		1.7	J	5.6	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		27	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		4.9	J	6.7	ug/Kg	8270C/DoD
Naphthalene		4.8	J	6.7	ug/Kg	8270C/DoD
Silver		0.020	J	0.076	mg/Kg	6020/DOD
Aluminum		7900		2.3	mg/Kg	6020/DOD
Arsenic		15		0.076	mg/Kg	6020/DOD
Barium		34	Q	0.76	mg/Kg	6020/DOD
Beryllium		0.53		0.076	mg/Kg	6020/DOD
Calcium		680		7.6	mg/Kg	6020/DOD
Cadmium		0.19	Q	0.076	mg/Kg	6020/DOD
Chromium		22		0.15	mg/Kg	6020/DOD
Cobalt		9.2	Q	0.038	mg/Kg	6020/DOD
Copper		16	Q	0.15	mg/Kg	6020/DOD
Iron		27000		3.8	mg/Kg	6020/DOD
Magnesium		2000		7.6	mg/Kg	6020/DOD
Manganese		430	Q	0.38	mg/Kg	6020/DOD
Sodium		28		7.6	mg/Kg	6020/DOD
Nickel		23	Q	0.076	mg/Kg	6020/DOD
Lead		15		0.076	mg/Kg	6020/DOD
Antimony		0.12	J	0.15	mg/Kg	6020/DOD
Thallium		0.13		0.076	mg/Kg	6020/DOD
Vanadium		15		0.076	mg/Kg	6020/DOD
Zinc		75	Q	0.38	mg/Kg	6020/DOD
Potassium		840		7.6	mg/Kg	6020/DOD
Selenium		0.29	J	0.38	mg/Kg	6020/DOD
Mercury		0.030	J	0.092	mg/Kg	7471/DOD
Percent Solids		94		0.10	%	Moisture
Percent Moisture		6.4		0.10	%	Moisture
Nitrocellulose		9.3	J	46	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-22	**076SB-0103M-0001-SO**					
2-Hexanone		1.9	J	22	ug/Kg	8260B/DoD
4-Methyl-2-pentanone (MIBK)		1.3	J	22	ug/Kg	8260B/DoD
Toluene		1.5	J	5.4	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		20	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		3.7	J	6.6	ug/Kg	8270C/DoD
Naphthalene		4.7	J	6.6	ug/Kg	8270C/DoD
Phenanthrene		3.7	J	6.6	ug/Kg	8270C/DoD
Silver		0.021	J	0.068	mg/Kg	6020/DOD
Aluminum		7800		2.0	mg/Kg	6020/DOD
Arsenic		14		0.068	mg/Kg	6020/DOD
Barium		32	Q	0.68	mg/Kg	6020/DOD
Beryllium		0.46		0.068	mg/Kg	6020/DOD
Calcium		640		6.8	mg/Kg	6020/DOD
Cadmium		0.16	Q	0.068	mg/Kg	6020/DOD
Chromium		16		0.14	mg/Kg	6020/DOD
Cobalt		9.0	Q	0.034	mg/Kg	6020/DOD
Copper		15	Q	0.14	mg/Kg	6020/DOD
Iron		22000		3.4	mg/Kg	6020/DOD
Magnesium		2000		6.8	mg/Kg	6020/DOD
Manganese		350	Q	0.34	mg/Kg	6020/DOD
Sodium		26		6.8	mg/Kg	6020/DOD
Nickel		19	Q	0.068	mg/Kg	6020/DOD
Lead		13		0.068	mg/Kg	6020/DOD
Antimony		0.10	J	0.14	mg/Kg	6020/DOD
Thallium		0.12		0.068	mg/Kg	6020/DOD
Vanadium		13		0.068	mg/Kg	6020/DOD
Zinc		59	Q	0.34	mg/Kg	6020/DOD
Potassium		850		6.8	mg/Kg	6020/DOD
Selenium		0.24	J	0.34	mg/Kg	6020/DOD
Mercury		0.031	J	0.10	mg/Kg	7471/DOD
Percent Solids		89		0.10	%	Moisture
Percent Moisture		11		0.10	%	Moisture
Nitrocellulose		9.5	J	49	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-23	**076SB-0104M-0001-SO**					
Toluene		1.4	J	4.7	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		22	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		4.2	J	6.7	ug/Kg	8270C/DoD
Phenanthrene		4.1	J	6.7	ug/Kg	8270C/DoD
Silver		0.027	J	0.085	mg/Kg	6020/DOD
Aluminum		11000		2.5	mg/Kg	6020/DOD
Arsenic		14		0.085	mg/Kg	6020/DOD
Barium		52	Q	0.85	mg/Kg	6020/DOD
Beryllium		0.63		0.085	mg/Kg	6020/DOD
Calcium		1100		8.5	mg/Kg	6020/DOD
Cadmium		0.17	Q	0.085	mg/Kg	6020/DOD
Chromium		16		0.17	mg/Kg	6020/DOD
Cobalt		9.5	Q	0.042	mg/Kg	6020/DOD
Copper		15	Q	0.17	mg/Kg	6020/DOD
Iron		27000		4.2	mg/Kg	6020/DOD
Magnesium		3300		8.5	mg/Kg	6020/DOD
Manganese		280	Q	0.42	mg/Kg	6020/DOD
Sodium		44		8.5	mg/Kg	6020/DOD
Nickel		24	Q	0.085	mg/Kg	6020/DOD
Lead		11		0.085	mg/Kg	6020/DOD
Antimony		0.085	J	0.17	mg/Kg	6020/DOD
Thallium		0.14		0.085	mg/Kg	6020/DOD
Vanadium		17		0.085	mg/Kg	6020/DOD
Zinc		54	Q	0.42	mg/Kg	6020/DOD
Potassium		1000		8.5	mg/Kg	6020/DOD
Selenium		0.34	J	0.42	mg/Kg	6020/DOD
Mercury		0.030	J	0.097	mg/Kg	7471/DOD
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture
Nitrocellulose		9.2	J	49	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-24	**076SB-0105M-0001-SO**					
Methylene Chloride		2.5	J	5.8	ug/Kg	8260B/DoD
Toluene		1.5	J	5.8	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		26	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		4.7	J	6.6	ug/Kg	8270C/DoD
Naphthalene		6.3	J	6.6	ug/Kg	8270C/DoD
Silver		0.025	J	0.077	mg/Kg	6020/DOD
Aluminum		11000		2.3	mg/Kg	6020/DOD
Arsenic		14		0.077	mg/Kg	6020/DOD
Barium		50	Q	0.77	mg/Kg	6020/DOD
Beryllium		0.65		0.077	mg/Kg	6020/DOD
Calcium		1000		7.7	mg/Kg	6020/DOD
Cadmium		0.17	Q	0.077	mg/Kg	6020/DOD
Chromium		17		0.15	mg/Kg	6020/DOD
Cobalt		10	Q	0.038	mg/Kg	6020/DOD
Copper		15	Q	0.15	mg/Kg	6020/DOD
Iron		27000		3.8	mg/Kg	6020/DOD
Magnesium		3300		7.7	mg/Kg	6020/DOD
Manganese		320	Q	0.38	mg/Kg	6020/DOD
Sodium		47		7.7	mg/Kg	6020/DOD
Nickel		24	Q	0.077	mg/Kg	6020/DOD
Lead		11		0.077	mg/Kg	6020/DOD
Antimony		0.086	J	0.15	mg/Kg	6020/DOD
Thallium		0.14		0.077	mg/Kg	6020/DOD
Vanadium		18		0.077	mg/Kg	6020/DOD
Zinc		55	Q	0.38	mg/Kg	6020/DOD
Potassium		1100		7.7	mg/Kg	6020/DOD
Selenium		0.32	J	0.38	mg/Kg	6020/DOD
Mercury		0.030	J	0.090	mg/Kg	7471/DOD
Percent Solids		87		0.10	%	Moisture
Percent Moisture		13		0.10	%	Moisture
Nitrocellulose		9.0	J	50	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-25	**076SB-0106M-0001-SO**					
Toluene		0.97	J	4.7	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		25	J	50	ug/Kg	8270C/DoD
Isophorone		33	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		4.2	J	6.6	ug/Kg	8270C/DoD
Naphthalene		4.5	J	6.6	ug/Kg	8270C/DoD
Silver		0.022	J	0.079	mg/Kg	6020/DOD
Aluminum		6100		2.4	mg/Kg	6020/DOD
Arsenic		13		0.079	mg/Kg	6020/DOD
Barium		29	Q	0.79	mg/Kg	6020/DOD
Beryllium		0.42		0.079	mg/Kg	6020/DOD
Calcium		1200		7.9	mg/Kg	6020/DOD
Cadmium		0.16	Q	0.079	mg/Kg	6020/DOD
Chromium		16		0.16	mg/Kg	6020/DOD
Cobalt		7.9	Q	0.040	mg/Kg	6020/DOD
Copper		16	Q	0.16	mg/Kg	6020/DOD
Iron		22000		4.0	mg/Kg	6020/DOD
Magnesium		1700		7.9	mg/Kg	6020/DOD
Manganese		370	Q	0.40	mg/Kg	6020/DOD
Sodium		23		7.9	mg/Kg	6020/DOD
Nickel		21	Q	0.079	mg/Kg	6020/DOD
Lead		15		0.079	mg/Kg	6020/DOD
Antimony		0.13	J	0.16	mg/Kg	6020/DOD
Thallium		0.11		0.079	mg/Kg	6020/DOD
Vanadium		11		0.079	mg/Kg	6020/DOD
Zinc		56	Q	0.40	mg/Kg	6020/DOD
Potassium		740		7.9	mg/Kg	6020/DOD
Selenium		0.19	J	0.40	mg/Kg	6020/DOD
Mercury		0.026	J	0.11	mg/Kg	7471/DOD
Percent Solids		91		0.10	%	Moisture
Percent Moisture		9.1		0.10	%	Moisture
Nitrocellulose		8.8	J	49	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-26	**076SB-0107M-0001-SO**					
Toluene		1.0	J	5.2	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		25	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		4.7	J	6.7	ug/Kg	8270C/DoD
Silver		0.020	J	0.074	mg/Kg	6020/DOD
Aluminum		7500		2.2	mg/Kg	6020/DOD
Arsenic		15		0.074	mg/Kg	6020/DOD
Barium		30	Q	0.74	mg/Kg	6020/DOD
Beryllium		0.45		0.074	mg/Kg	6020/DOD
Calcium		1100		7.4	mg/Kg	6020/DOD
Cadmium		0.15		0.074	mg/Kg	6020/DOD
Chromium		16		0.15	mg/Kg	6020/DOD
Cobalt		7.9	Q	0.037	mg/Kg	6020/DOD
Copper		17	Q	0.15	mg/Kg	6020/DOD
Iron		22000		3.7	mg/Kg	6020/DOD
Magnesium		1900		7.4	mg/Kg	6020/DOD
Manganese		320		0.37	mg/Kg	6020/DOD
Sodium		28		7.4	mg/Kg	6020/DOD
Nickel		21		0.074	mg/Kg	6020/DOD
Lead		12		0.074	mg/Kg	6020/DOD
Antimony		0.14	J	0.15	mg/Kg	6020/DOD
Thallium		0.14		0.074	mg/Kg	6020/DOD
Vanadium		13		0.074	mg/Kg	6020/DOD
Zinc		60	Q	0.37	mg/Kg	6020/DOD
Potassium		950		7.4	mg/Kg	6020/DOD
Selenium		0.48	Q	0.37	mg/Kg	6020/DOD
Mercury		0.025	J	0.090	mg/Kg	7471/DOD
Percent Solids		93		0.10	%	Moisture
Percent Moisture		7.0		0.10	%	Moisture
Nitrocellulose		9.2	J	47	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-27	**076SB-0108M-0001-SO**					
Toluene		1.3	J	4.4	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		19	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		4.8	J	6.7	ug/Kg	8270C/DoD
Silver		0.029	J	0.091	mg/Kg	6020/DOD
Aluminum		7100		2.7	mg/Kg	6020/DOD
Arsenic		19		0.091	mg/Kg	6020/DOD
Barium		35	Q	0.91	mg/Kg	6020/DOD
Beryllium		0.46		0.091	mg/Kg	6020/DOD
Calcium		1100		9.1	mg/Kg	6020/DOD
Cadmium		0.21		0.091	mg/Kg	6020/DOD
Chromium		16		0.18	mg/Kg	6020/DOD
Cobalt		9.6	Q	0.045	mg/Kg	6020/DOD
Copper		18	Q	0.18	mg/Kg	6020/DOD
Iron		25000		4.5	mg/Kg	6020/DOD
Magnesium		2200		9.1	mg/Kg	6020/DOD
Manganese		350		0.45	mg/Kg	6020/DOD
Sodium		31		9.1	mg/Kg	6020/DOD
Nickel		23		0.091	mg/Kg	6020/DOD
Lead		18		0.091	mg/Kg	6020/DOD
Antimony		0.18		0.18	mg/Kg	6020/DOD
Thallium		0.15		0.091	mg/Kg	6020/DOD
Vanadium		13		0.091	mg/Kg	6020/DOD
Zinc		63	Q	0.45	mg/Kg	6020/DOD
Potassium		950		9.1	mg/Kg	6020/DOD
Selenium		0.59	Q	0.45	mg/Kg	6020/DOD
Mercury		0.030	J	0.11	mg/Kg	7471/DOD
Percent Solids		91		0.10	%	Moisture
Percent Moisture		9.5		0.10	%	Moisture
Nitrocellulose		7.6	J	45	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-28	**076SB-0109M-0001-SO**					
Toluene		1.0	J	4.0	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		21	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		5.0	J	6.7	ug/Kg	8270C/DoD
Naphthalene		5.4	J	6.7	ug/Kg	8270C/DoD
Silver		0.025	J	0.088	mg/Kg	6020/DOD
Aluminum		11000		2.7	mg/Kg	6020/DOD
Arsenic		13		0.088	mg/Kg	6020/DOD
Barium		44	Q	0.88	mg/Kg	6020/DOD
Beryllium		0.54		0.088	mg/Kg	6020/DOD
Calcium		1000		8.8	mg/Kg	6020/DOD
Cadmium		0.14		0.088	mg/Kg	6020/DOD
Chromium		16		0.18	mg/Kg	6020/DOD
Cobalt		9.2	Q	0.044	mg/Kg	6020/DOD
Copper		14	Q	0.18	mg/Kg	6020/DOD
Iron		22000		4.4	mg/Kg	6020/DOD
Magnesium		2700		8.8	mg/Kg	6020/DOD
Manganese		380		0.44	mg/Kg	6020/DOD
Sodium		41		8.8	mg/Kg	6020/DOD
Nickel		21		0.088	mg/Kg	6020/DOD
Lead		11		0.088	mg/Kg	6020/DOD
Antimony		0.079	J	0.18	mg/Kg	6020/DOD
Thallium		0.14		0.088	mg/Kg	6020/DOD
Vanadium		16		0.088	mg/Kg	6020/DOD
Zinc		55	Q	0.44	mg/Kg	6020/DOD
Potassium		1100		8.8	mg/Kg	6020/DOD
Selenium		0.56	Q	0.44	mg/Kg	6020/DOD
Mercury		0.029	J	0.086	mg/Kg	7471/DOD
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture
Nitrocellulose		9.0	J	48	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-29	**076SB-0110M-0001-SO**					
Acetone		30		20	ug/Kg	8260B/DoD
2-Butanone (MEK)		4.2	J	20	ug/Kg	8260B/DoD
Toluene		1.2	J	5.0	ug/Kg	8260B/DoD
Benzo[a]anthracene		21		6.6	ug/Kg	8270C/DoD
Benzo[a]pyrene		20		6.6	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		30	M	6.6	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		12	M	6.6	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		7.7	M	6.6	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		36	J	50	ug/Kg	8270C/DoD
Chrysene		20		6.6	ug/Kg	8270C/DoD
Dibenzofuran		3.4	J	50	ug/Kg	8270C/DoD
Fluoranthene		22		6.6	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		12		6.6	ug/Kg	8270C/DoD
2-Methylnaphthalene		10		6.6	ug/Kg	8270C/DoD
Naphthalene		8.7		6.6	ug/Kg	8270C/DoD
Pyrene		20		6.6	ug/Kg	8270C/DoD
Silver		0.021	J	0.086	mg/Kg	6020/DOD
Aluminum		8100		2.6	mg/Kg	6020/DOD
Arsenic		15		0.086	mg/Kg	6020/DOD
Barium		38	Q	0.86	mg/Kg	6020/DOD
Beryllium		0.43		0.086	mg/Kg	6020/DOD
Calcium		2900		8.6	mg/Kg	6020/DOD
Cadmium		0.16		0.086	mg/Kg	6020/DOD
Chromium		17		0.17	mg/Kg	6020/DOD
Cobalt		8.8	Q	0.043	mg/Kg	6020/DOD
Copper		17	Q	0.17	mg/Kg	6020/DOD
Iron		22000		4.3	mg/Kg	6020/DOD
Magnesium		2500		8.6	mg/Kg	6020/DOD
Manganese		400		0.43	mg/Kg	6020/DOD
Sodium		35		8.6	mg/Kg	6020/DOD
Nickel		21		0.086	mg/Kg	6020/DOD
Lead		11		0.086	mg/Kg	6020/DOD
Antimony		0.082	J	0.17	mg/Kg	6020/DOD
Thallium		0.11		0.086	mg/Kg	6020/DOD
Vanadium		14		0.086	mg/Kg	6020/DOD
Zinc		52	Q	0.43	mg/Kg	6020/DOD
Potassium		870		8.6	mg/Kg	6020/DOD
Selenium		0.42	J Q	0.43	mg/Kg	6020/DOD
Mercury		0.023	J	0.097	mg/Kg	7471/DOD
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture
Nitrocellulose		9.1	J	47	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-30	**076SB-0111M-0001-SO**					
Acetone		30		19	ug/Kg	8260B/DoD
2-Butanone (MEK)		5.6	J	19	ug/Kg	8260B/DoD
Toluene		0.95	J	4.7	ug/Kg	8260B/DoD
Anthracene		13		6.6	ug/Kg	8270C/DoD
Benzo[a]anthracene		31		6.6	ug/Kg	8270C/DoD
Benzo[a]pyrene		23		6.6	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		32		6.6	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		15		6.6	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		10	M	6.6	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		23	J	50	ug/Kg	8270C/DoD
Chrysene		28		6.6	ug/Kg	8270C/DoD
Dibenzofuran		8.5	J	50	ug/Kg	8270C/DoD
Fluoranthene		64		6.6	ug/Kg	8270C/DoD
Fluorene		7.4		6.6	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		14		6.6	ug/Kg	8270C/DoD
2-Methylnaphthalene		13		6.6	ug/Kg	8270C/DoD
Naphthalene		12		6.6	ug/Kg	8270C/DoD
Phenanthrene		60		6.6	ug/Kg	8270C/DoD
Pyrene		50		6.6	ug/Kg	8270C/DoD
Silver		0.022	J	0.088	mg/Kg	6020/DOD
Aluminum		6700		2.6	mg/Kg	6020/DOD
Arsenic		14		0.088	mg/Kg	6020/DOD
Barium		32	Q	0.88	mg/Kg	6020/DOD
Beryllium		0.38		0.088	mg/Kg	6020/DOD
Calcium		3300		8.8	mg/Kg	6020/DOD
Cadmium		0.15		0.088	mg/Kg	6020/DOD
Chromium		14		0.18	mg/Kg	6020/DOD
Cobalt		7.4	Q	0.044	mg/Kg	6020/DOD
Copper		14	Q	0.18	mg/Kg	6020/DOD
Iron		21000		4.4	mg/Kg	6020/DOD
Magnesium		2100		8.8	mg/Kg	6020/DOD
Manganese		350		0.44	mg/Kg	6020/DOD
Sodium		37		8.8	mg/Kg	6020/DOD
Nickel		18		0.088	mg/Kg	6020/DOD
Lead		9.8		0.088	mg/Kg	6020/DOD
Antimony		0.082	J	0.18	mg/Kg	6020/DOD
Thallium		0.093		0.088	mg/Kg	6020/DOD
Vanadium		12		0.088	mg/Kg	6020/DOD
Zinc		40	Q	0.44	mg/Kg	6020/DOD
Potassium		700		8.8	mg/Kg	6020/DOD
Selenium		0.71	Q	0.44	mg/Kg	6020/DOD
Mercury		0.022	J	0.091	mg/Kg	7471/DOD
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-31	**076SB-0112M-0001-SO**					
Acetone		6.6	J	17	ug/Kg	8260B/DoD
2-Butanone (MEK)		1.7	J	17	ug/Kg	8260B/DoD
Toluene		1.0	J	4.3	ug/Kg	8260B/DoD
Benzo[a]anthracene		200	D	130	ug/Kg	8270C/DoD
Benzo[a]pyrene		140	D	130	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		190	D	130	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		120	J D M	130	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		110	J D M	130	ug/Kg	8270C/DoD
Chrysene		160	D	130	ug/Kg	8270C/DoD
Fluoranthene		410	D	130	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		83	J D M	130	ug/Kg	8270C/DoD
Phenanthrene		280	D	130	ug/Kg	8270C/DoD
Pyrene		330	D	130	ug/Kg	8270C/DoD
4,4'-DDT		14	J D	20	ug/Kg	8081/DOD
Aroclor-1260		77		55	ug/Kg	8082/DOD
Silver		0.031	J	0.10	mg/Kg	6020/DOD
Aluminum		7600		3.0	mg/Kg	6020/DOD
Arsenic		13		0.10	mg/Kg	6020/DOD
Barium		63	Q	1.0	mg/Kg	6020/DOD
Beryllium		0.48		0.10	mg/Kg	6020/DOD
Calcium		5400		10	mg/Kg	6020/DOD
Cadmium		0.31		0.10	mg/Kg	6020/DOD
Chromium		17		0.20	mg/Kg	6020/DOD
Cobalt		8.2	Q	0.050	mg/Kg	6020/DOD
Copper		18	Q	0.20	mg/Kg	6020/DOD
Iron		20000		5.0	mg/Kg	6020/DOD
Magnesium		2400		10	mg/Kg	6020/DOD
Manganese		520		0.50	mg/Kg	6020/DOD
Sodium		43		10	mg/Kg	6020/DOD
Nickel		21		0.10	mg/Kg	6020/DOD
Lead		15		0.10	mg/Kg	6020/DOD
Antimony		0.13	J	0.20	mg/Kg	6020/DOD
Thallium		0.13		0.10	mg/Kg	6020/DOD
Vanadium		15		0.10	mg/Kg	6020/DOD
Zinc		54	Q	0.50	mg/Kg	6020/DOD
Potassium		650		10	mg/Kg	6020/DOD
Selenium		0.79	Q	0.50	mg/Kg	6020/DOD
Mercury		0.030	J	0.094	mg/Kg	7471/DOD
Percent Solids		89		0.10	%	Moisture
Percent Moisture		11		0.10	%	Moisture
Nitrocellulose		9.5	J	45	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-32	**076SB-0113M-0001-SO**					
Acetone		12	J	18	ug/Kg	8260B/DoD
2-Butanone (MEK)		3.3	J	18	ug/Kg	8260B/DoD
Methylene Chloride		1.1	J	4.5	ug/Kg	8260B/DoD
Toluene		1.5	J	4.5	ug/Kg	8260B/DoD
Benzo[a]anthracene		270	D	130	ug/Kg	8270C/DoD
Benzo[a]pyrene		220	D	130	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		270	D M	130	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		140	D	130	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		110	J D M	130	ug/Kg	8270C/DoD
Chrysene		280	D	130	ug/Kg	8270C/DoD
Fluoranthene		660	D	130	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		120	J D	130	ug/Kg	8270C/DoD
Phenanthrene		470	D	130	ug/Kg	8270C/DoD
Pyrene		510	D	130	ug/Kg	8270C/DoD
Silver		0.028	J	0.085	mg/Kg	6020/DOD
Aluminum		7900		2.5	mg/Kg	6020/DOD
Arsenic		12		0.085	mg/Kg	6020/DOD
Barium		57	Q	0.85	mg/Kg	6020/DOD
Beryllium		0.50		0.085	mg/Kg	6020/DOD
Calcium		5900		8.5	mg/Kg	6020/DOD
Cadmium		0.28		0.085	mg/Kg	6020/DOD
Chromium		13		0.17	mg/Kg	6020/DOD
Cobalt		7.4	Q	0.042	mg/Kg	6020/DOD
Copper		17	Q	0.17	mg/Kg	6020/DOD
Iron		19000		4.2	mg/Kg	6020/DOD
Magnesium		2600		8.5	mg/Kg	6020/DOD
Manganese		440		0.42	mg/Kg	6020/DOD
Sodium		42		8.5	mg/Kg	6020/DOD
Nickel		18		0.085	mg/Kg	6020/DOD
Lead		15		0.085	mg/Kg	6020/DOD
Antimony		0.10	J	0.17	mg/Kg	6020/DOD
Thallium		0.12		0.085	mg/Kg	6020/DOD
Vanadium		15		0.085	mg/Kg	6020/DOD
Zinc		52	Q	0.42	mg/Kg	6020/DOD
Potassium		730		8.5	mg/Kg	6020/DOD
Selenium		0.65	Q	0.42	mg/Kg	6020/DOD
Mercury		0.031	J	0.12	mg/Kg	7471/DOD
Percent Solids		87		0.10	%	Moisture
Percent Moisture		13		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-33	**076SB-0114M-0001-SO**					
Toluene		0.52	J	4.8	ug/Kg	8260B/DoD
Anthracene		4.5	J	6.7	ug/Kg	8270C/DoD
Benzo[a]anthracene		23		6.7	ug/Kg	8270C/DoD
Benzo[a]pyrene		23		6.7	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		35		6.7	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		17		6.7	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		8.6	M	6.7	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		26	J	50	ug/Kg	8270C/DoD
Chrysene		28		6.7	ug/Kg	8270C/DoD
Dibenzofuran		4.2	J	50	ug/Kg	8270C/DoD
Fluoranthene		53		6.7	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		14		6.7	ug/Kg	8270C/DoD
2-Methylnaphthalene		8.3		6.7	ug/Kg	8270C/DoD
Naphthalene		8.3		6.7	ug/Kg	8270C/DoD
Phenanthrene		34		6.7	ug/Kg	8270C/DoD
Pyrene		44		6.7	ug/Kg	8270C/DoD
Silver		0.019	J	0.091	mg/Kg	6020/DOD
Aluminum		7600		2.7	mg/Kg	6020/DOD
Arsenic		13		0.091	mg/Kg	6020/DOD
Barium		36	Q	0.91	mg/Kg	6020/DOD
Beryllium		0.35		0.091	mg/Kg	6020/DOD
Calcium		530		9.1	mg/Kg	6020/DOD
Cadmium		0.15		0.091	mg/Kg	6020/DOD
Chromium		12		0.18	mg/Kg	6020/DOD
Cobalt		8.0	Q	0.045	mg/Kg	6020/DOD
Copper		16	Q	0.18	mg/Kg	6020/DOD
Iron		20000		4.5	mg/Kg	6020/DOD
Magnesium		1900		9.1	mg/Kg	6020/DOD
Manganese		420		0.45	mg/Kg	6020/DOD
Sodium		20		9.1	mg/Kg	6020/DOD
Nickel		17		0.091	mg/Kg	6020/DOD
Lead		11		0.091	mg/Kg	6020/DOD
Antimony		0.088	J	0.18	mg/Kg	6020/DOD
Thallium		0.12		0.091	mg/Kg	6020/DOD
Vanadium		13		0.091	mg/Kg	6020/DOD
Zinc		54	Q	0.45	mg/Kg	6020/DOD
Potassium		550		9.1	mg/Kg	6020/DOD
Selenium		0.51	Q	0.45	mg/Kg	6020/DOD
Mercury		0.030	J	0.090	mg/Kg	7471/DOD
Percent Solids		83		0.10	%	Moisture
Percent Moisture		17		0.10	%	Moisture
Nitrocellulose		7.8	J	46	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-34	**076SB-0115M-0001-SO**					
Methylene Chloride		1.7	J	5.2	ug/Kg	8260B/DoD
Toluene		1.5	J	5.2	ug/Kg	8260B/DoD
Anthracene		9.1		6.6	ug/Kg	8270C/DoD
Benzo[a]anthracene		33		6.6	ug/Kg	8270C/DoD
Benzo[a]pyrene		32		6.6	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		50		6.6	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		26		6.6	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		19	M	6.6	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		25	J	49	ug/Kg	8270C/DoD
Chrysene		39		6.6	ug/Kg	8270C/DoD
Dibenzofuran		5.7	J	49	ug/Kg	8270C/DoD
Fluoranthene		79		6.6	ug/Kg	8270C/DoD
Fluorene		4.5	J	6.6	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		20		6.6	ug/Kg	8270C/DoD
2-Methylnaphthalene		12		6.6	ug/Kg	8270C/DoD
Naphthalene		11		6.6	ug/Kg	8270C/DoD
Phenanthrene		52		6.6	ug/Kg	8270C/DoD
Pyrene		67		6.6	ug/Kg	8270C/DoD
Silver		0.020	J	0.087	mg/Kg	6020/DOD
Aluminum		7800		2.6	mg/Kg	6020/DOD
Arsenic		14		0.087	mg/Kg	6020/DOD
Barium		37	Q	0.87	mg/Kg	6020/DOD
Beryllium		0.35		0.087	mg/Kg	6020/DOD
Calcium		570		8.7	mg/Kg	6020/DOD
Cadmium		0.15		0.087	mg/Kg	6020/DOD
Chromium		12		0.17	mg/Kg	6020/DOD
Cobalt		8.2	Q	0.043	mg/Kg	6020/DOD
Copper		17	Q	0.17	mg/Kg	6020/DOD
Iron		20000		4.3	mg/Kg	6020/DOD
Magnesium		1900		8.7	mg/Kg	6020/DOD
Manganese		430		0.43	mg/Kg	6020/DOD
Sodium		22		8.7	mg/Kg	6020/DOD
Nickel		17		0.087	mg/Kg	6020/DOD
Lead		12		0.087	mg/Kg	6020/DOD
Antimony		0.093	J	0.17	mg/Kg	6020/DOD
Thallium		0.12		0.087	mg/Kg	6020/DOD
Vanadium		14		0.087	mg/Kg	6020/DOD
Zinc		55	Q	0.43	mg/Kg	6020/DOD
Potassium		580		8.7	mg/Kg	6020/DOD
Selenium		0.48	Q	0.43	mg/Kg	6020/DOD
Mercury		0.033	J	0.12	mg/Kg	7471/DOD
Percent Solids		82		0.10	%	Moisture
Percent Moisture		18		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18544-35	**076SB-0116-0001-TB**					
Acetone		1.3	J	10	ug/L	8260B/DoD
240-18544-38	**075TR-0002-0001-SO**					
Percent Solids		80		0.10	%	Moisture
Percent Moisture		20		0.10	%	Moisture
240-18544-39	**075TR-0003-0001-SO**					
Percent Solids		79		0.10	%	Moisture
Percent Moisture		21		0.10	%	Moisture
240-18544-40	**075TR-0004-0001-SO**					
Percent Solids		80		0.10	%	Moisture
Percent Moisture		20		0.10	%	Moisture
240-18544-41	**075TR-0005-0001-SO**					
Mercury		0.052	J	0.13	mg/Kg	7471/DOD
Percent Solids		75		0.10	%	Moisture
Percent Moisture		25		0.10	%	Moisture
240-18544-42	**075TR-0006-0001-SO**					
Mercury		0.35		0.12	mg/Kg	7471/DOD
Percent Solids		74		0.10	%	Moisture
Percent Moisture		26		0.10	%	Moisture
240-18544-43	**075TR-0007-0001-SO**					
Mercury		0.048	J	0.14	mg/Kg	7471/DOD
Percent Solids		78		0.10	%	Moisture
Percent Moisture		22		0.10	%	Moisture

METHOD SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL NC	SW846 8260B/DoD	
Closed System Purge and Trap	TAL NC		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL NC	SW846 8270C/DoD	
Soxhlet Extraction	TAL NC		SW846 3540C
Semivolatile Organic Compounds (GC/MS)	TAL NC	SW846 8270C/DoD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Soxhlet Extraction	TAL NC		SW846 3540C
Gasoline Range Organics - (GC)	TAL NC	SW846 8015B	
Closed System Purge and Trap	TAL NC		SW846 5035
Diesel Range Organics (DRO) (GC)	TAL NC	SW846 8015B_DRO/DOD	
Soxhlet Extraction	TAL NC		SW846 3540C
Organochlorine Pesticides (GC)	TAL NC	SW846 8081/DOD	
Soxhlet Extraction	TAL NC		SW846 3540C
Organochlorine Pesticides (GC)	TAL NC	SW846 8081/DOD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Soxhlet Extraction	TAL NC		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL NC	SW846 8082/DOD	
Soxhlet Extraction	TAL NC		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL NC	SW846 8082/DOD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Soxhlet Extraction	TAL NC		SW846 3540C
Mercury (CVAA)	TAL NC	SW846 7471/DOD	
Preparation, Mercury	TAL NC		SW846 7471A
Mercury (CVAA)	TAL NC	SW846 7471/DOD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Preparation, Mercury	TAL NC		SW846 7471A
Percent Moisture	TAL NC	EPA Moisture	
Metals (ICP/MS)	TAL PIT	SW846 6020/DOD	
Preparation, Metals	TAL PIT		SW846 3050B
Nitroguanidine (HPLC)	TAL WSC	SW846 8330 Modified	
Sieve and Ultrasonic Water Bath Extraction (Explosives)	TAL WSC		SW846 Sieve/Ultrasoni
Nitroaromatics and Nitramines (HPLC)	TAL WSC	SW846 8330B	
Sonication Extraction (Explosives)	TAL WSC		SW846 8330B
Nitrocellulose	TAL WSC	TAL-SAC WS-WC-0050	
Nitrocellulose Sample Preparation (Hydrolysis)	TAL WSC		MCAWW 353 (NCell-Hyd)
Nitrocellulose Sample Preparation	TAL WSC		MCAWW 353.2 (NCell)
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL NC	SW846 8260B/DoD	
Purge and Trap	TAL NC		SW846 5030B

METHOD SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Description	Lab Location	Method	Preparation Method

Lab References:

TAL NC = TestAmerica Canton

TAL PIT = TestAmerica Pittsburgh

TAL WSC = TestAmerica Sacramento

Method References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-SAC = TestAmerica Laboratories, West Sacramento, Facility Standard Operating Procedure.

METHOD / ANALYST SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method	Analyst	Analyst ID
SW846 8260B/DoD	Evans, Laura	LE
SW846 8260B/DoD	Lata, Todd	TL
SW846 8270C/DoD	Gruber, John	JG
SW846 8270C/DoD	Ulman, Mark	MU
SW846 8015B	Bosworth, Heather M	HMB
SW846 8015B_DRO/DOD	Bolgrin, Deborah	DB
SW846 8081/DOD	Van Doren, Carolyn	CV
SW846 8082/DOD	Hass, Lori	LH
SW846 6020/DOD	Reinheimer, Bill	BR
SW846 7471/DOD	Heakin, David	DH
EPA Moisture	Martin, Aaron	AM
TAL-SAC WS-WC-0050	Baynes, Jason	JB
SW846 8330 Modified	Noonan, Robyn	RN
SW846 8330B	Noonan, Robyn	RN

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0063-0001-SO**

Lab Sample ID: 240-18544-1 Date Sampled: 12/06/2012 0922
Client Matrix: Solid % Moisture: 11.2 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68663	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82445.D
Dilution:	1.0			Initial Weight/Volume:	4.824 g
Analysis Date:	12/14/2012 0711			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.58	U J	0.27	5.8
Ethylbenzene		0.58	U J	0.30	5.8
Methyl tert-butyl ether		0.58	U J	0.50	5.8
Toluene		0.58	U J	0.32	5.8
Xylenes, Total		1.8	U J	0.78	12

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		85 - 120
Dibromofluoromethane (Surr)	92		59 - 138
1,2-Dichloroethane-d4 (Surr)	89		61 - 130
Toluene-d8 (Surr)	98		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0064-0001-SO**

Lab Sample ID: 240-18544-2 Date Sampled: 12/06/2012 0922
Client Matrix: Solid % Moisture: 10.3 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82522.D
Dilution:	1.0			Initial Weight/Volume:	6.605 g
Analysis Date:	12/16/2012 0344			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.42	U	0.19	4.2
Ethylbenzene		0.42	U	0.22	4.2
Methyl tert-butyl ether		0.42	U	0.36	4.2
Toluene		0.94	J	0.23	4.2
Xylenes, Total		1.3	U	0.57	8.4

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	84	Q	85 - 120
Dibromofluoromethane (Surr)	90		59 - 138
1,2-Dichloroethane-d4 (Surr)	89		61 - 130
Toluene-d8 (Surr)	94		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0065-0001-SO**

Lab Sample ID: 240-18544-3 Date Sampled: 12/06/2012 0957
Client Matrix: Solid % Moisture: 11.0 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82471.D
Dilution:	1.0			Initial Weight/Volume:	6.474 g
Analysis Date:	12/15/2012 0313			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		0.87	U	0.49	4.3
1,1,2,2-Tetrachloroethane		0.43	U	0.30	4.3
1,1,2-Trichloroethane		0.43	U	0.34	4.3
1,1-Dichloroethane		0.43	U	0.31	4.3
1,1-Dichloroethene		0.87	U	0.45	4.3
1,2-Dibromoethane		0.87	U	0.43	4.3
1,2-Dichloroethane		0.43	U	0.30	4.3
1,2-Dichloroethene, Total		0.87	U	0.67	8.7
1,2-Dichloropropane		0.87	U	0.60	4.3
2-Butanone (MEK)		1.7	U	1.2	17
2-Hexanone		0.87	U	0.55	17
4-Methyl-2-pentanone (MIBK)		0.87	U	0.47	17
Acetone		5.5	U	5.5	17
Benzene		0.43	U	0.20	4.3
Bromochloromethane		0.87	U	0.62	4.3
Bromodichloromethane		0.43	U	0.24	4.3
Bromoform		0.43	U	0.29	4.3
Bromomethane		0.87	U	0.47	4.3
Carbon disulfide		0.43	U	0.38	4.3
Carbon tetrachloride		0.43	U	0.32	4.3
Chlorobenzene		0.43	U	0.29	4.3
Chloroethane		0.87	U	0.75	4.3
Chloroform		0.43	U	0.25	4.3
Chloromethane		0.43	U	0.36	4.3
cis-1,3-Dichloropropene		0.43	U	0.30	4.3
Dibromochloromethane		0.87	U	0.48	4.3
Ethylbenzene		0.43	U	0.23	4.3
Methyl tert-butyl ether		0.43	U	0.37	4.3
Methylene Chloride		0.87	U	0.58	4.3
Styrene		0.43	U	0.13	4.3
Tetrachloroethene		0.87	U	0.45	4.3
Toluene		0.86	J	0.23	4.3
trans-1,3-Dichloropropene		0.87	U	0.47	4.3
Trichloroethene		0.43	U	0.36	4.3
Vinyl chloride		0.43	U	0.34	4.3
Xylenes, Total		1.3	U	0.58	8.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		61 - 130
4-Bromofluorobenzene (Surr)	102		85 - 120
Dibromofluoromethane (Surr)	103		59 - 138
Toluene-d8 (Surr)	103		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0066-0001-SO**

Lab Sample ID: 240-18544-4 Date Sampled: 12/06/2012 1012
Client Matrix: Solid % Moisture: 11.4 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82523.D
Dilution:	1.0			Initial Weight/Volume:	6.874 g
Analysis Date:	12/16/2012 0405			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.41	U	0.19	4.1
Ethylbenzene		0.41	U	0.21	4.1
Methyl tert-butyl ether		0.41	U	0.35	4.1
Toluene		0.53	J	0.22	4.1
Xylenes, Total		1.2	U	0.55	8.2

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	95		85 - 120
Dibromofluoromethane (Surr)	96		59 - 138
1,2-Dichloroethane-d4 (Surr)	102		61 - 130
Toluene-d8 (Surr)	93		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0067-0001-SO**

Lab Sample ID: 240-18544-5 Date Sampled: 12/06/2012 1020
Client Matrix: Solid % Moisture: 10.1 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68905	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82535.D
Dilution:	1.0			Initial Weight/Volume:	6.06 g
Analysis Date:	12/17/2012 0246			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.46	U	0.21	4.6
Ethylbenzene		0.46	U	0.24	4.6
Methyl tert-butyl ether		0.46	U	0.39	4.6
Toluene		3.0	J	0.25	4.6
Xylenes, Total		1.4	U	0.61	9.2

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	96		85 - 120
Dibromofluoromethane (Surr)	96		59 - 138
1,2-Dichloroethane-d4 (Surr)	101		61 - 130
Toluene-d8 (Surr)	91		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0068-0001-SO**

Lab Sample ID: 240-18544-6 Date Sampled: 12/06/2012 0928
Client Matrix: Solid % Moisture: 9.7 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68905	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82536.D
Dilution:	1.0			Initial Weight/Volume:	5.613 g
Analysis Date:	12/17/2012 0307			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.49	U	0.23	4.9
Ethylbenzene		0.49	U	0.26	4.9
Methyl tert-butyl ether		0.49	U	0.42	4.9
Toluene		3.1	J	0.27	4.9
Xylenes, Total		1.5	U	0.66	9.9

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	96		85 - 120
Dibromofluoromethane (Surr)	92		59 - 138
1,2-Dichloroethane-d4 (Surr)	95		61 - 130
Toluene-d8 (Surr)	94		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0090M-0001-SO**

Lab Sample ID: 240-18544-7 Date Sampled: 12/06/2012 1440
Client Matrix: Solid % Moisture: 10.6 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82472.D
Dilution:	1.0			Initial Weight/Volume:	4.51 g
Analysis Date:	12/15/2012 0334			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		7.8	U J	7.8	25
Benzene		0.62	U	0.29	6.2
Bromochloromethane		1.2	U	0.88	6.2
Bromodichloromethane		0.62	U	0.35	6.2
Bromoform		0.62	U	0.41	6.2
Bromomethane		1.2	U	0.67	6.2
2-Butanone (MEK)		2.5	U J	1.7	25
Carbon disulfide		0.62	U	0.55	6.2
Carbon tetrachloride		0.62	U	0.46	6.2
Chlorobenzene		0.62	U	0.41	6.2
Chloroethane		1.2	U	1.1	6.2
Chloroform		0.62	U	0.36	6.2
Chloromethane		0.62	U	0.51	6.2
cis-1,3-Dichloropropene		0.62	U	0.42	6.2
Dibromochloromethane		1.2	U	0.68	6.2
1,2-Dibromoethane		1.2	U	0.62	6.2
1,1-Dichloroethane		0.62	U	0.45	6.2
1,2-Dichloroethane		0.62	U	0.42	6.2
1,1-Dichloroethene		1.2	U	0.65	6.2
1,2-Dichloroethene, Total		1.2	U	0.96	12
1,2-Dichloropropane		1.2	U	0.86	6.2
Ethylbenzene		0.62	U	0.32	6.2
2-Hexanone		1.2	U J	0.78	25
Methylene Chloride		1.2	U	0.83	6.2
4-Methyl-2-pentanone (MIBK)		1.2	U J	0.67	25
Styrene		0.62	U	0.19	6.2
1,1,2,2-Tetrachloroethane		0.62	U J	0.42	6.2
Tetrachloroethene		1.2	U	0.65	6.2
Toluene		1.5	J	0.33	6.2
trans-1,3-Dichloropropene		1.2	U	0.67	6.2
1,1,1-Trichloroethane		1.2	U	0.69	6.2
1,1,2-Trichloroethane		0.62	U J	0.48	6.2
Trichloroethene		0.62	U	0.52	6.2
Vinyl chloride		0.62	U	0.48	6.2
Xylenes, Total		1.9	U	0.83	12

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		85 - 120
Dibromofluoromethane (Surr)	103		59 - 138
1,2-Dichloroethane-d4 (Surr)	102		61 - 130
Toluene-d8 (Surr)	110		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0091M-0001-SO**

Lab Sample ID: 240-18544-8 Date Sampled: 12/06/2012 1440
Client Matrix: Solid % Moisture: 7.0 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82502.D
Dilution:	1.0			Initial Weight/Volume:	5.281 g
Analysis Date:	12/15/2012 2039			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		6.4	U	6.4	20
Benzene		0.51	U	0.23	5.1
Bromochloromethane		1.0	U	0.72	5.1
Bromodichloromethane		0.51	U	0.29	5.1
Bromoform		0.51	U	0.34	5.1
Bromomethane		1.0	U	0.55	5.1
2-Butanone (MEK)		2.0	U	1.4	20
Carbon disulfide		0.51	U	0.45	5.1
Carbon tetrachloride		0.51	U	0.38	5.1
Chlorobenzene		0.51	U	0.34	5.1
Chloroethane		1.0	U	0.88	5.1
Chloroform		0.51	U	0.30	5.1
Chloromethane		0.51	U	0.42	5.1
cis-1,3-Dichloropropene		0.51	U	0.35	5.1
Dibromochloromethane		1.0	U	0.56	5.1
1,2-Dibromoethane		1.0	U	0.51	5.1
1,1-Dichloroethane		0.51	U	0.37	5.1
1,2-Dichloroethane		0.51	U	0.35	5.1
1,1-Dichloroethene		1.0	U	0.53	5.1
1,2-Dichloroethene, Total		1.0	U	0.78	10
1,2-Dichloropropane		1.0	U	0.70	5.1
Ethylbenzene		0.51	U	0.26	5.1
2-Hexanone		1.0	U	0.64	20
Methylene Chloride		1.6	J	0.68	5.1
4-Methyl-2-pentanone (MIBK)		1.0	U	0.55	20
Styrene		0.51	U	0.15	5.1
1,1,2,2-Tetrachloroethane		0.51	U	0.35	5.1
Tetrachloroethene		1.0	U	0.53	5.1
Toluene		2.0	J	0.27	5.1
trans-1,3-Dichloropropene		1.0	U	0.55	5.1
1,1,1-Trichloroethane		1.0	U	0.57	5.1
1,1,2-Trichloroethane		0.51	U	0.40	5.1
Trichloroethene		0.51	U	0.43	5.1
Vinyl chloride		0.51	U	0.40	5.1
Xylenes, Total		1.5	U	0.68	10

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	93		85 - 120
Dibromofluoromethane (Surr)	94		59 - 138
1,2-Dichloroethane-d4 (Surr)	100		61 - 130
Toluene-d8 (Surr)	100		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0069-0001-TB**

Lab Sample ID: 240-18544-9 Date Sampled: 12/06/2012 0800
Client Matrix: Water Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68395	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8982.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	12/12/2012 1748			Final Weight/Volume:	5 mL
Prep Date:	12/12/2012 1748				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
1,1,1-Trichloroethane	0.25	U	0.22	1.0
1,1,2,2-Tetrachloroethane	0.25	U	0.18	1.0
1,1,2-Trichloroethane	0.50	U	0.27	1.0
1,1-Dichloroethane	0.25	U	0.15	1.0
1,1-Dichloroethene	0.25	U	0.19	1.0
1,2-Dichloroethane	0.25	U	0.22	1.0
1,2-Dichloroethene, Total	0.50	U	0.34	2.0
1,2-Dichloropropane	0.25	U	0.18	1.0
2-Butanone (MEK)	0.57	U	0.57	10
2-Hexanone	0.50	U	0.41	10
4-Methyl-2-pentanone (MIBK)	0.50	U	0.32	10
Acetone	1.1	U	1.1	10
Benzene	0.25	U	0.13	1.0
Bromoform	0.64	U	0.64	1.0
Bromomethane	0.50	U	0.41	1.0
Carbon disulfide	0.25	U	0.13	1.0
Carbon tetrachloride	0.25	U	0.13	1.0
Chlorobenzene	0.25	U	0.15	1.0
Chloromethane	0.50	U	0.30	1.0
cis-1,3-Dichloropropene	0.25	U	0.14	1.0
Dibromochloromethane	0.25	U	0.18	1.0
Bromodichloromethane	0.25	U	0.15	1.0
Ethylbenzene	0.25	U	0.17	1.0
Methyl tert-butyl ether	0.25	U	0.17	1.0
Methylene Chloride	0.50	U	0.33	1.0
Styrene	0.25	U	0.11	1.0
Tetrachloroethene	0.50	U	0.29	1.0
Toluene	0.25	U	0.13	1.0
trans-1,3-Dichloropropene	0.25	U	0.19	1.0
Trichloroethene	0.25	U	0.17	1.0
Vinyl chloride	0.25	U	0.22	1.0
Xylenes, Total	0.75	U	0.28	2.0
Chloroform	0.25	U	0.16	1.0
Bromochloromethane	0.50	U	0.29	1.0
1,2-Dibromoethane	0.25	U	0.24	1.0
Chloroethane	0.50	U	0.29	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	98		85 - 120
1,2-Dichloroethane-d4 (Surr)	96		70 - 120
4-Bromofluorobenzene (Surr)	102		75 - 120
Dibromofluoromethane (Surr)	90		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0092-0001-SO**

Lab Sample ID: 240-18544-10 Date Sampled: 12/06/2012 1325
Client Matrix: Solid % Moisture: 8.5 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82475.D
Dilution:	1.0			Initial Weight/Volume:	5.549 g
Analysis Date:	12/15/2012 0438			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		6.2	U	6.2	20
Benzene		0.49	U	0.23	4.9
Bromochloromethane		0.98	U	0.70	4.9
Bromodichloromethane		0.49	U	0.28	4.9
Bromoform		0.49	U	0.33	4.9
Bromomethane		0.98	U	0.53	4.9
2-Butanone (MEK)		2.0	U	1.4	20
Carbon disulfide		0.49	U	0.43	4.9
Carbon tetrachloride		0.49	U	0.36	4.9
Chlorobenzene		0.49	U	0.33	4.9
Chloroethane		0.98	U	0.85	4.9
Chloroform		0.49	U	0.29	4.9
Chloromethane		0.49	U	0.40	4.9
cis-1,3-Dichloropropene		0.49	U	0.33	4.9
Dibromochloromethane		0.98	U	0.54	4.9
1,2-Dibromoethane		0.98	U	0.49	4.9
1,1-Dichloroethane		0.49	U	0.35	4.9
1,2-Dichloroethane		0.49	U	0.33	4.9
1,1-Dichloroethene		0.98	U	0.51	4.9
1,2-Dichloroethene, Total		0.98	U	0.76	9.8
1,2-Dichloropropane		0.98	U	0.68	4.9
Ethylbenzene		0.49	U	0.26	4.9
2-Hexanone		1.5	J	0.62	20
Methylene Chloride		0.98	U	0.66	4.9
4-Methyl-2-pentanone (MIBK)		1.0	J	0.53	20
Styrene		0.49	U	0.15	4.9
1,1,2,2-Tetrachloroethane		0.49	U	0.33	4.9
Tetrachloroethene		0.98	U	0.51	4.9
Toluene		0.84	J	0.27	4.9
trans-1,3-Dichloropropene		0.98	U	0.53	4.9
1,1,1-Trichloroethane		0.98	U	0.55	4.9
1,1,2-Trichloroethane		0.49	U	0.38	4.9
Trichloroethene		0.49	U	0.41	4.9
Vinyl chloride		0.49	U	0.38	4.9
Xylenes, Total		1.5	U	0.66	9.8

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	103		85 - 120
Dibromofluoromethane (Surr)	97		59 - 138
1,2-Dichloroethane-d4 (Surr)	106		61 - 130
Toluene-d8 (Surr)	99		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0093-0001-SO**

Lab Sample ID: 240-18544-11 Date Sampled: 12/06/2012 1325
Client Matrix: Solid % Moisture: 8.5 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82476.D
Dilution:	1.0			Initial Weight/Volume:	4.553 g
Analysis Date:	12/15/2012 0459			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		7.6	U	7.6	24
Benzene		0.60	U	0.28	6.0
Bromochloromethane		1.2	U	0.85	6.0
Bromodichloromethane		0.60	U	0.34	6.0
Bromoform		0.60	U	0.40	6.0
Bromomethane		1.2	U	0.65	6.0
2-Butanone (MEK)		2.4	U	1.7	24
Carbon disulfide		0.60	U	0.53	6.0
Carbon tetrachloride		0.60	U	0.44	6.0
Chlorobenzene		0.60	U	0.40	6.0
Chloroethane		1.2	U	1.0	6.0
Chloroform		0.60	U	0.35	6.0
Chloromethane		0.60	U	0.49	6.0
cis-1,3-Dichloropropene		0.60	U	0.41	6.0
Dibromochloromethane		1.2	U	0.66	6.0
1,2-Dibromoethane		1.2	U	0.60	6.0
1,1-Dichloroethane		0.60	U	0.43	6.0
1,2-Dichloroethane		0.60	U	0.41	6.0
1,1-Dichloroethene		1.2	U	0.62	6.0
1,2-Dichloroethene, Total		1.2	U	0.92	12
1,2-Dichloropropane		1.2	U	0.83	6.0
Ethylbenzene		0.60	U	0.31	6.0
2-Hexanone		1.2	U	0.76	24
Methylene Chloride		1.2	U	0.80	6.0
4-Methyl-2-pentanone (MIBK)		1.2	U	0.65	24
Styrene		0.60	U	0.18	6.0
1,1,2,2-Tetrachloroethane		0.60	U	0.41	6.0
Tetrachloroethene		1.2	U	0.62	6.0
Toluene		1.1	J	0.32	6.0
trans-1,3-Dichloropropene		1.2	U	0.65	6.0
1,1,1-Trichloroethane		1.2	U	0.67	6.0
1,1,2-Trichloroethane		0.60	U	0.47	6.0
Trichloroethene		0.60	U	0.50	6.0
Vinyl chloride		0.60	U	0.47	6.0
Xylenes, Total		1.8	U	0.80	12

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	94		85 - 120
Dibromofluoromethane (Surr)	94		59 - 138
1,2-Dichloroethane-d4 (Surr)	102		61 - 130
Toluene-d8 (Surr)	92		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0094-0001-SO**

Lab Sample ID: 240-18544-12 Date Sampled: 12/06/2012 1335
Client Matrix: Solid % Moisture: 9.0 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82477.D
Dilution:	1.0			Initial Weight/Volume:	4.814 g
Analysis Date:	12/15/2012 0520			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		7.2	U	7.2	23
Benzene		0.57	U	0.26	5.7
Bromochloromethane		1.1	U	0.81	5.7
Bromodichloromethane		0.57	U	0.32	5.7
Bromoform		0.57	U	0.38	5.7
Bromomethane		1.1	U	0.62	5.7
2-Butanone (MEK)		2.3	U	1.6	23
Carbon disulfide		0.57	U	0.50	5.7
Carbon tetrachloride		0.57	U	0.42	5.7
Chlorobenzene		0.57	U	0.38	5.7
Chloroethane		1.1	U	0.98	5.7
Chloroform		0.57	U	0.33	5.7
Chloromethane		0.57	U	0.47	5.7
cis-1,3-Dichloropropene		0.57	U	0.39	5.7
Dibromochloromethane		1.1	U	0.63	5.7
1,2-Dibromoethane		1.1	U	0.57	5.7
1,1-Dichloroethane		0.57	U	0.41	5.7
1,2-Dichloroethane		0.57	U	0.39	5.7
1,1-Dichloroethene		1.1	U	0.59	5.7
1,2-Dichloroethene, Total		1.1	U	0.88	11
1,2-Dichloropropane		1.1	U	0.79	5.7
Ethylbenzene		0.57	U	0.30	5.7
2-Hexanone		1.1	U	0.72	23
Methylene Chloride		1.1	U	0.77	5.7
4-Methyl-2-pentanone (MIBK)		1.1	U	0.62	23
Styrene		0.57	U	0.17	5.7
1,1,2,2-Tetrachloroethane		0.57	U	0.39	5.7
Tetrachloroethene		1.1	U	0.59	5.7
Toluene		1.0	J	0.31	5.7
trans-1,3-Dichloropropene		1.1	U	0.62	5.7
1,1,1-Trichloroethane		1.1	U	0.64	5.7
1,1,2-Trichloroethane		0.57	U	0.45	5.7
Trichloroethene		0.57	U	0.48	5.7
Vinyl chloride		0.57	U	0.45	5.7
Xylenes, Total		1.7	U	0.77	11

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	81	Q	85 - 120
Dibromofluoromethane (Surr)	85		59 - 138
1,2-Dichloroethane-d4 (Surr)	83		61 - 130
Toluene-d8 (Surr)	89		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0095-0001-SO**

Lab Sample ID: 240-18544-13 Date Sampled: 12/06/2012 1335
Client Matrix: Solid % Moisture: 14.0 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82500.D
Dilution:	1.0			Initial Weight/Volume:	5.034 g
Analysis Date:	12/15/2012 1956			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		7.3	U	7.3	23
Benzene		0.58	U	0.27	5.8
Bromochloromethane		1.2	U	0.82	5.8
Bromodichloromethane		0.58	U	0.32	5.8
Bromoform		0.58	U	0.38	5.8
Bromomethane		1.2	U	0.62	5.8
2-Butanone (MEK)		2.3	U	1.6	23
Carbon disulfide		0.58	U	0.51	5.8
Carbon tetrachloride		0.58	U	0.43	5.8
Chlorobenzene		0.58	U	0.38	5.8
Chloroethane		1.2	U	0.99	5.8
Chloroform		0.58	U	0.33	5.8
Chloromethane		0.58	U	0.47	5.8
cis-1,3-Dichloropropene		0.58	U	0.39	5.8
Dibromochloromethane		1.2	U	0.64	5.8
1,2-Dibromoethane		1.2	U	0.58	5.8
1,1-Dichloroethane		0.58	U	0.42	5.8
1,2-Dichloroethane		0.58	U	0.39	5.8
1,1-Dichloroethene		1.2	U	0.60	5.8
1,2-Dichloroethene, Total		1.2	U	0.89	12
1,2-Dichloropropane		1.2	U	0.80	5.8
Ethylbenzene		0.58	U	0.30	5.8
2-Hexanone		1.2	U	0.73	23
Methylene Chloride		1.4	J	0.77	5.8
4-Methyl-2-pentanone (MIBK)		1.2	U	0.62	23
Styrene		0.58	U	0.17	5.8
1,1,2,2-Tetrachloroethane		0.58	U	0.39	5.8
Tetrachloroethene		1.2	U	0.60	5.8
Toluene		2.7	J	0.31	5.8
trans-1,3-Dichloropropene		1.2	U	0.62	5.8
1,1,1-Trichloroethane		1.2	U	0.65	5.8
1,1,2-Trichloroethane		0.58	U	0.45	5.8
Trichloroethene		0.58	U	0.48	5.8
Vinyl chloride		0.58	U	0.45	5.8
Xylenes, Total		1.7	U	0.77	12

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	93		85 - 120
Dibromofluoromethane (Surr)	100		59 - 138
1,2-Dichloroethane-d4 (Surr)	102		61 - 130
Toluene-d8 (Surr)	102		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0096-0001-SO**

Lab Sample ID: 240-18544-14 Date Sampled: 12/06/2012 1408
Client Matrix: Solid % Moisture: 11.6 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82479.D
Dilution:	1.0			Initial Weight/Volume:	6.056 g
Analysis Date:	12/15/2012 0603			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		5.9	U	5.9	19
Benzene		0.47	U	0.21	4.7
Bromochloromethane		0.93	U	0.66	4.7
Bromodichloromethane		0.47	U	0.26	4.7
Bromoform		0.47	U	0.31	4.7
Bromomethane		0.93	U	0.50	4.7
2-Butanone (MEK)		1.9	U	1.3	19
Carbon disulfide		0.47	U	0.41	4.7
Carbon tetrachloride		0.47	U	0.35	4.7
Chlorobenzene		0.47	U	0.31	4.7
Chloroethane		0.93	U	0.80	4.7
Chloroform		0.47	U	0.27	4.7
Chloromethane		0.47	U	0.38	4.7
cis-1,3-Dichloropropene		0.47	U	0.32	4.7
Dibromochloromethane		0.93	U	0.51	4.7
1,2-Dibromoethane		0.93	U	0.47	4.7
1,1-Dichloroethane		0.47	U	0.34	4.7
1,2-Dichloroethane		0.47	U	0.32	4.7
1,1-Dichloroethene		0.93	U	0.49	4.7
1,2-Dichloroethene, Total		0.93	U	0.72	9.3
1,2-Dichloropropane		0.93	U	0.64	4.7
Ethylbenzene		0.47	U	0.24	4.7
2-Hexanone		0.93	U	0.59	19
Methylene Chloride		0.93	U	0.63	4.7
4-Methyl-2-pentanone (MIBK)		0.93	U	0.50	19
Styrene		0.47	U	0.14	4.7
1,1,2,2-Tetrachloroethane		0.47	U	0.32	4.7
Tetrachloroethene		0.93	U	0.49	4.7
Toluene		0.94	J	0.25	4.7
trans-1,3-Dichloropropene		0.93	U	0.50	4.7
1,1,1-Trichloroethane		0.93	U	0.52	4.7
1,1,2-Trichloroethane		0.47	U	0.36	4.7
Trichloroethene		0.47	U	0.39	4.7
Vinyl chloride		0.47	U	0.36	4.7
Xylenes, Total		1.4	U	0.63	9.3

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	92		85 - 120
Dibromofluoromethane (Surr)	93		59 - 138
1,2-Dichloroethane-d4 (Surr)	100		61 - 130
Toluene-d8 (Surr)	95		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0097-0001-SO**

Lab Sample ID: 240-18544-15 Date Sampled: 12/06/2012 1408
Client Matrix: Solid % Moisture: 11.1 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82480.D
Dilution:	1.0			Initial Weight/Volume:	6.317 g
Analysis Date:	12/15/2012 0624			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		5.6	U	5.6	18
Benzene		0.44	U	0.20	4.4
Bromochloromethane		0.89	U	0.63	4.4
Bromodichloromethane		0.44	U	0.25	4.4
Bromoform		0.44	U	0.29	4.4
Bromomethane		0.89	U	0.48	4.4
2-Butanone (MEK)		1.8	U	1.2	18
Carbon disulfide		0.44	U	0.39	4.4
Carbon tetrachloride		0.44	U	0.33	4.4
Chlorobenzene		0.44	U	0.29	4.4
Chloroethane		0.89	U	0.77	4.4
Chloroform		0.44	U	0.26	4.4
Chloromethane		0.44	U	0.36	4.4
cis-1,3-Dichloropropene		0.44	U	0.30	4.4
Dibromochloromethane		0.89	U	0.49	4.4
1,2-Dibromoethane		0.89	U	0.44	4.4
1,1-Dichloroethane		0.44	U	0.32	4.4
1,2-Dichloroethane		0.44	U	0.30	4.4
1,1-Dichloroethene		0.89	U	0.46	4.4
1,2-Dichloroethene, Total		0.89	U	0.69	8.9
1,2-Dichloropropane		0.89	U	0.61	4.4
Ethylbenzene		0.44	U	0.23	4.4
2-Hexanone		0.89	U	0.56	18
Methylene Chloride		0.89	U	0.60	4.4
4-Methyl-2-pentanone (MIBK)		0.89	U	0.48	18
Styrene		0.44	U	0.13	4.4
1,1,2,2-Tetrachloroethane		0.44	U	0.30	4.4
Tetrachloroethene		0.89	U	0.46	4.4
Toluene		0.73	J	0.24	4.4
trans-1,3-Dichloropropene		0.89	U	0.48	4.4
1,1,1-Trichloroethane		0.89	U	0.50	4.4
1,1,2-Trichloroethane		0.44	U	0.35	4.4
Trichloroethene		0.44	U	0.37	4.4
Vinyl chloride		0.44	U	0.35	4.4
Xylenes, Total		1.3	U	0.60	8.9

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	93		85 - 120
Dibromofluoromethane (Surr)	96		59 - 138
1,2-Dichloroethane-d4 (Surr)	103		61 - 130
Toluene-d8 (Surr)	96		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0098-0001-SO**

Lab Sample ID: 240-18544-16 Date Sampled: 12/06/2012 1433
Client Matrix: Solid % Moisture: 10.2 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82481.D
Dilution:	1.0			Initial Weight/Volume:	5.767 g
Analysis Date:	12/15/2012 0645			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		6.1	U	6.1	19
Benzene		0.48	U	0.22	4.8
Bromochloromethane		0.97	U	0.69	4.8
Bromodichloromethane		0.48	U	0.27	4.8
Bromoform		0.48	U	0.32	4.8
Bromomethane		0.97	U	0.52	4.8
2-Butanone (MEK)		1.9	U	1.4	19
Carbon disulfide		0.92	J	0.42	4.8
Carbon tetrachloride		0.48	U	0.36	4.8
Chlorobenzene		0.48	U	0.32	4.8
Chloroethane		0.97	U	0.83	4.8
Chloroform		0.48	U	0.28	4.8
Chloromethane		0.48	U	0.40	4.8
cis-1,3-Dichloropropene		0.48	U	0.33	4.8
Dibromochloromethane		0.97	U	0.53	4.8
1,2-Dibromoethane		0.97	U	0.48	4.8
1,1-Dichloroethane		0.48	U	0.35	4.8
1,2-Dichloroethane		0.48	U	0.33	4.8
1,1-Dichloroethene		0.97	U	0.50	4.8
1,2-Dichloroethene, Total		0.97	U	0.74	9.7
1,2-Dichloropropane		0.97	U	0.67	4.8
Ethylbenzene		0.48	U	0.25	4.8
2-Hexanone		0.97	U	0.61	19
Methylene Chloride		0.97	U	0.65	4.8
4-Methyl-2-pentanone (MIBK)		0.97	U	0.52	19
Styrene		0.48	U	0.14	4.8
1,1,2,2-Tetrachloroethane		0.48	U	0.33	4.8
Tetrachloroethene		0.97	U	0.50	4.8
Toluene		0.84	J	0.26	4.8
trans-1,3-Dichloropropene		0.97	U	0.52	4.8
1,1,1-Trichloroethane		0.97	U	0.54	4.8
1,1,2-Trichloroethane		0.48	U	0.38	4.8
Trichloroethene		0.48	U	0.41	4.8
Vinyl chloride		0.48	U	0.38	4.8
Xylenes, Total		1.4	U	0.65	9.7

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	86		85 - 120
Dibromofluoromethane (Surr)	97		59 - 138
1,2-Dichloroethane-d4 (Surr)	98		61 - 130
Toluene-d8 (Surr)	101		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0099-0001-SO**

Lab Sample ID: 240-18544-17 Date Sampled: 12/06/2012 1540
Client Matrix: Solid % Moisture: 8.4 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82482.D
Dilution:	1.0			Initial Weight/Volume:	5.633 g
Analysis Date:	12/15/2012 0706			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		6.1	U	6.1	19
Benzene		0.48	U	0.22	4.8
Bromochloromethane		0.97	U	0.69	4.8
Bromodichloromethane		0.48	U	0.27	4.8
Bromoform		0.48	U	0.32	4.8
Bromomethane		0.97	U	0.52	4.8
2-Butanone (MEK)		1.9	U	1.4	19
Carbon disulfide		0.48	U	0.43	4.8
Carbon tetrachloride		0.48	U	0.36	4.8
Chlorobenzene		0.48	U	0.32	4.8
Chloroethane		0.97	U	0.83	4.8
Chloroform		0.48	U	0.28	4.8
Chloromethane		0.48	U	0.40	4.8
cis-1,3-Dichloropropene		0.48	U	0.33	4.8
Dibromochloromethane		0.97	U	0.53	4.8
1,2-Dibromoethane		0.97	U	0.48	4.8
1,1-Dichloroethane		0.48	U	0.35	4.8
1,2-Dichloroethane		0.48	U	0.33	4.8
1,1-Dichloroethene		0.97	U	0.50	4.8
1,2-Dichloroethene, Total		0.97	U	0.75	9.7
1,2-Dichloropropane		0.97	U	0.67	4.8
Ethylbenzene		0.48	U	0.25	4.8
2-Hexanone		0.97	U	0.61	19
Methylene Chloride		0.97	U	0.65	4.8
4-Methyl-2-pentanone (MIBK)		0.97	U	0.52	19
Styrene		0.48	U	0.15	4.8
1,1,2,2-Tetrachloroethane		0.48	U	0.33	4.8
Tetrachloroethene		0.97	U	0.50	4.8
Toluene		0.96	J	0.26	4.8
trans-1,3-Dichloropropene		0.97	U	0.52	4.8
1,1,1-Trichloroethane		0.97	U	0.54	4.8
1,1,2-Trichloroethane		0.48	U	0.38	4.8
Trichloroethene		0.48	U	0.41	4.8
Vinyl chloride		0.48	U	0.38	4.8
Xylenes, Total		1.5	U	0.65	9.7

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	84	Q	85 - 120
Dibromofluoromethane (Surr)	99		59 - 138
1,2-Dichloroethane-d4 (Surr)	98		61 - 130
Toluene-d8 (Surr)	108		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0078-0001-SO**

Lab Sample ID: 240-18544-18 Date Sampled: 12/06/2012 0930
Client Matrix: Solid % Moisture: 8.3 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68905	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82537.D
Dilution:	1.0			Initial Weight/Volume:	5.103 g
Analysis Date:	12/17/2012 0328			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.53	U	0.25	5.3
Ethylbenzene		0.53	U	0.28	5.3
Methyl tert-butyl ether		0.53	U	0.46	5.3
Toluene		4.0	J	0.29	5.3
Xylenes, Total		1.6	U	0.72	11

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	95		85 - 120
Dibromofluoromethane (Surr)	94		59 - 138
1,2-Dichloroethane-d4 (Surr)	100		61 - 130
Toluene-d8 (Surr)	92		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0100M-0001-SO**

Lab Sample ID: 240-18544-19 Date Sampled: 12/06/2012 1527
Client Matrix: Solid % Moisture: 6.0 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82505.D
Dilution:	1.0			Initial Weight/Volume:	4.803 g
Analysis Date:	12/15/2012 2142			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		7.0	U	7.0	22
Benzene		0.55	U	0.25	5.5
Bromochloromethane		1.1	U	0.79	5.5
Bromodichloromethane		0.55	U	0.31	5.5
Bromoform		0.55	U J	0.37	5.5
Bromomethane		1.1	U J	0.60	5.5
2-Butanone (MEK)		2.2	U	1.6	22
Carbon disulfide		0.55	U	0.49	5.5
Carbon tetrachloride		0.55	U	0.41	5.5
Chlorobenzene		0.55	U J	0.37	5.5
Chloroethane		1.1	U J	0.95	5.5
Chloroform		0.55	U	0.32	5.5
Chloromethane		0.55	U J	0.45	5.5
cis-1,3-Dichloropropene		0.55	U J	0.38	5.5
Dibromochloromethane		1.1	U J	0.61	5.5
1,2-Dibromoethane		1.1	U J	0.55	5.5
1,1-Dichloroethane		0.55	U J	0.40	5.5
1,2-Dichloroethane		0.55	U	0.38	5.5
1,1-Dichloroethene		1.1	U	0.58	5.5
1,2-Dichloroethene, Total		1.1	U	0.85	11
1,2-Dichloropropane		1.1	U	0.76	5.5
Ethylbenzene		0.55	U J	0.29	5.5
2-Hexanone		2.0	J	0.70	22
Methylene Chloride		1.1	U	0.74	5.5
4-Methyl-2-pentanone (MIBK)		1.3	J	0.60	22
Styrene		0.55	U J	0.17	5.5
1,1,2,2-Tetrachloroethane		0.55	U J	0.38	5.5
Tetrachloroethene		1.1	U J	0.58	5.5
Toluene		1.7	J	0.30	5.5
trans-1,3-Dichloropropene		1.1	U J	0.60	5.5
1,1,1-Trichloroethane		1.1	U J	0.62	5.5
1,1,2-Trichloroethane		0.55	U J	0.43	5.5
Trichloroethene		0.55	U	0.47	5.5
Vinyl chloride		0.55	U J	0.43	5.5
Xylenes, Total		1.7	U J	0.74	11

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	99		85 - 120
Dibromofluoromethane (Surr)	98		59 - 138
1,2-Dichloroethane-d4 (Surr)	99		61 - 130
Toluene-d8 (Surr)	100		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0101M-0001-SO**

Lab Sample ID: 240-18544-20 Date Sampled: 12/06/2012 1527
Client Matrix: Solid % Moisture: 8.9 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82483.D
Dilution:	1.0			Initial Weight/Volume:	5.351 g
Analysis Date:	12/15/2012 0728			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		6.5	U	6.5	21
Benzene		0.51	U	0.24	5.1
Bromochloromethane		1.0	U	0.73	5.1
Bromodichloromethane		0.51	U	0.29	5.1
Bromoform		0.51	U	0.34	5.1
Bromomethane		1.0	U	0.55	5.1
2-Butanone (MEK)		2.1	U	1.4	21
Carbon disulfide		0.51	U	0.45	5.1
Carbon tetrachloride		0.51	U	0.38	5.1
Chlorobenzene		0.51	U	0.34	5.1
Chloroethane		1.0	U	0.88	5.1
Chloroform		0.51	U	0.30	5.1
Chloromethane		0.51	U	0.42	5.1
cis-1,3-Dichloropropene		0.51	U	0.35	5.1
Dibromochloromethane		1.0	U	0.56	5.1
1,2-Dibromoethane		1.0	U	0.51	5.1
1,1-Dichloroethane		0.51	U	0.37	5.1
1,2-Dichloroethane		0.51	U	0.35	5.1
1,1-Dichloroethene		1.0	U	0.53	5.1
1,2-Dichloroethene, Total		1.0	U	0.79	10
1,2-Dichloropropane		1.0	U	0.71	5.1
Ethylbenzene		0.51	U	0.27	5.1
2-Hexanone		1.0	U	0.65	21
Methylene Chloride		1.0	U	0.69	5.1
4-Methyl-2-pentanone (MIBK)		1.0	U	0.55	21
Styrene		0.51	U	0.15	5.1
1,1,2,2-Tetrachloroethane		0.51	U	0.35	5.1
Tetrachloroethene		1.0	U	0.53	5.1
Toluene		1.1	J	0.28	5.1
trans-1,3-Dichloropropene		1.0	U	0.55	5.1
1,1,1-Trichloroethane		1.0	U	0.57	5.1
1,1,2-Trichloroethane		0.51	U	0.40	5.1
Trichloroethene		0.51	U	0.43	5.1
Vinyl chloride		0.51	U	0.40	5.1
Xylenes, Total		1.5	U	0.69	10

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	86		85 - 120
Dibromofluoromethane (Surr)	94		59 - 138
1,2-Dichloroethane-d4 (Surr)	94		61 - 130
Toluene-d8 (Surr)	100		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0102M-0001-SO**

Lab Sample ID: 240-18544-21 Date Sampled: 12/06/2012 1545
Client Matrix: Solid % Moisture: 6.4 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82484.D
Dilution:	1.0			Initial Weight/Volume:	4.774 g
Analysis Date:	12/15/2012 0749			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		7.0	U	7.0	22
Benzene		0.56	U	0.26	5.6
Bromochloromethane		1.1	U	0.79	5.6
Bromodichloromethane		0.56	U	0.31	5.6
Bromoform		0.56	U	0.37	5.6
Bromomethane		1.1	U	0.60	5.6
2-Butanone (MEK)		2.2	U	1.6	22
Carbon disulfide		0.56	U	0.49	5.6
Carbon tetrachloride		0.56	U	0.41	5.6
Chlorobenzene		0.56	U	0.37	5.6
Chloroethane		1.1	U	0.96	5.6
Chloroform		0.56	U	0.32	5.6
Chloromethane		0.56	U	0.46	5.6
cis-1,3-Dichloropropene		0.56	U	0.38	5.6
Dibromochloromethane		1.1	U	0.62	5.6
1,2-Dibromoethane		1.1	U	0.56	5.6
1,1-Dichloroethane		0.56	U	0.40	5.6
1,2-Dichloroethane		0.56	U	0.38	5.6
1,1-Dichloroethene		1.1	U	0.58	5.6
1,2-Dichloroethene, Total		1.1	U	0.86	11
1,2-Dichloropropane		1.1	U	0.77	5.6
Ethylbenzene		0.56	U	0.29	5.6
2-Hexanone		1.1	U	0.70	22
Methylene Chloride		1.1	U	0.75	5.6
4-Methyl-2-pentanone (MIBK)		1.1	U	0.60	22
Styrene		0.56	U	0.17	5.6
1,1,2,2-Tetrachloroethane		0.56	U	0.38	5.6
Tetrachloroethene		1.1	U	0.58	5.6
Toluene		1.7	J	0.30	5.6
trans-1,3-Dichloropropene		1.1	U	0.60	5.6
1,1,1-Trichloroethane		1.1	U	0.63	5.6
1,1,2-Trichloroethane		0.56	U	0.44	5.6
Trichloroethene		0.56	U	0.47	5.6
Vinyl chloride		0.56	U	0.44	5.6
Xylenes, Total		1.7	U	0.75	11

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	88		85 - 120
Dibromofluoromethane (Surr)	94		59 - 138
1,2-Dichloroethane-d4 (Surr)	97		61 - 130
Toluene-d8 (Surr)	100		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0103M-0001-SO**

Lab Sample ID: 240-18544-22 Date Sampled: 12/06/2012 1545
Client Matrix: Solid % Moisture: 10.9 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82508.D
Dilution:	1.0			Initial Weight/Volume:	5.197 g
Analysis Date:	12/15/2012 2246			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		6.8	U	6.8	22
Benzene		0.54	U	0.25	5.4
Bromochloromethane		1.1	U	0.77	5.4
Bromodichloromethane		0.54	U	0.30	5.4
Bromoform		0.54	U	0.36	5.4
Bromomethane		1.1	U	0.58	5.4
2-Butanone (MEK)		2.2	U	1.5	22
Carbon disulfide		0.54	U	0.48	5.4
Carbon tetrachloride		0.54	U	0.40	5.4
Chlorobenzene		0.54	U	0.36	5.4
Chloroethane		1.1	U	0.93	5.4
Chloroform		0.54	U	0.31	5.4
Chloromethane		0.54	U	0.44	5.4
cis-1,3-Dichloropropene		0.54	U	0.37	5.4
Dibromochloromethane		1.1	U	0.59	5.4
1,2-Dibromoethane		1.1	U	0.54	5.4
1,1-Dichloroethane		0.54	U	0.39	5.4
1,2-Dichloroethane		0.54	U	0.37	5.4
1,1-Dichloroethene		1.1	U	0.56	5.4
1,2-Dichloroethene, Total		1.1	U	0.83	11
1,2-Dichloropropane		1.1	U	0.75	5.4
Ethylbenzene		0.54	U	0.28	5.4
2-Hexanone		1.9	J	0.68	22
Methylene Chloride		1.1	U	0.72	5.4
4-Methyl-2-pentanone (MIBK)		1.3	J	0.58	22
Styrene		0.54	U	0.16	5.4
1,1,2,2-Tetrachloroethane		0.54	U	0.37	5.4
Tetrachloroethene		1.1	U	0.56	5.4
Toluene		1.5	J	0.29	5.4
trans-1,3-Dichloropropene		1.1	U	0.58	5.4
1,1,1-Trichloroethane		1.1	U	0.60	5.4
1,1,2-Trichloroethane		0.54	U	0.42	5.4
Trichloroethene		0.54	U	0.45	5.4
Vinyl chloride		0.54	U	0.42	5.4
Xylenes, Total		1.6	U	0.72	11

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	100		85 - 120
Dibromofluoromethane (Surr)	102		59 - 138
1,2-Dichloroethane-d4 (Surr)	109		61 - 130
Toluene-d8 (Surr)	102		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0104M-0001-SO**

Lab Sample ID: 240-18544-23 Date Sampled: 12/06/2012 1635
Client Matrix: Solid % Moisture: 14.6 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82509.D
Dilution:	1.0			Initial Weight/Volume:	6.167 g
Analysis Date:	12/15/2012 2307			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		6.0	U	6.0	19
Benzene		0.47	U	0.22	4.7
Bromochloromethane		0.95	U	0.67	4.7
Bromodichloromethane		0.47	U	0.27	4.7
Bromoform		0.47	U	0.31	4.7
Bromomethane		0.95	U	0.51	4.7
2-Butanone (MEK)		1.9	U	1.3	19
Carbon disulfide		0.47	U	0.42	4.7
Carbon tetrachloride		0.47	U	0.35	4.7
Chlorobenzene		0.47	U	0.31	4.7
Chloroethane		0.95	U	0.82	4.7
Chloroform		0.47	U	0.28	4.7
Chloromethane		0.47	U	0.39	4.7
cis-1,3-Dichloropropene		0.47	U	0.32	4.7
Dibromochloromethane		0.95	U	0.52	4.7
1,2-Dibromoethane		0.95	U	0.47	4.7
1,1-Dichloroethane		0.47	U	0.34	4.7
1,2-Dichloroethane		0.47	U	0.32	4.7
1,1-Dichloroethene		0.95	U	0.49	4.7
1,2-Dichloroethene, Total		0.95	U	0.73	9.5
1,2-Dichloropropane		0.95	U	0.66	4.7
Ethylbenzene		0.47	U	0.25	4.7
2-Hexanone		0.95	U	0.60	19
Methylene Chloride		0.95	U	0.64	4.7
4-Methyl-2-pentanone (MIBK)		0.95	U	0.51	19
Styrene		0.47	U	0.14	4.7
1,1,2,2-Tetrachloroethane		0.47	U	0.32	4.7
Tetrachloroethene		0.95	U	0.49	4.7
Toluene		1.4	J	0.26	4.7
trans-1,3-Dichloropropene		0.95	U	0.51	4.7
1,1,1-Trichloroethane		0.95	U	0.53	4.7
1,1,2-Trichloroethane		0.47	U	0.37	4.7
Trichloroethene		0.47	U	0.40	4.7
Vinyl chloride		0.47	U	0.37	4.7
Xylenes, Total		1.4	U	0.64	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	96		85 - 120
Dibromofluoromethane (Surr)	103		59 - 138
1,2-Dichloroethane-d4 (Surr)	108		61 - 130
Toluene-d8 (Surr)	99		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0105M-0001-SO**

Lab Sample ID: 240-18544-24 Date Sampled: 12/06/2012 1635
Client Matrix: Solid % Moisture: 12.5 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82510.D
Dilution:	1.0			Initial Weight/Volume:	4.969 g
Analysis Date:	12/15/2012 2329			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		7.2	U	7.2	23
Benzene		0.58	U	0.26	5.8
Bromochloromethane		1.2	U	0.82	5.8
Bromodichloromethane		0.58	U	0.32	5.8
Bromoform		0.58	U	0.38	5.8
Bromomethane		1.2	U	0.62	5.8
2-Butanone (MEK)		2.3	U	1.6	23
Carbon disulfide		0.58	U	0.51	5.8
Carbon tetrachloride		0.58	U	0.43	5.8
Chlorobenzene		0.58	U	0.38	5.8
Chloroethane		1.2	U	0.99	5.8
Chloroform		0.58	U	0.33	5.8
Chloromethane		0.58	U	0.47	5.8
cis-1,3-Dichloropropene		0.58	U	0.39	5.8
Dibromochloromethane		1.2	U	0.63	5.8
1,2-Dibromoethane		1.2	U	0.58	5.8
1,1-Dichloroethane		0.58	U	0.41	5.8
1,2-Dichloroethane		0.58	U	0.39	5.8
1,1-Dichloroethene		1.2	U	0.60	5.8
1,2-Dichloroethene, Total		1.2	U	0.89	12
1,2-Dichloropropane		1.2	U	0.79	5.8
Ethylbenzene		0.58	U	0.30	5.8
2-Hexanone		1.2	U	0.72	23
Methylene Chloride		2.5	J	0.77	5.8
4-Methyl-2-pentanone (MIBK)		1.2	U	0.62	23
Styrene		0.58	U	0.17	5.8
1,1,2,2-Tetrachloroethane		0.58	U	0.39	5.8
Tetrachloroethene		1.2	U	0.60	5.8
Toluene		1.5	J	0.31	5.8
trans-1,3-Dichloropropene		1.2	U	0.62	5.8
1,1,1-Trichloroethane		1.2	U	0.64	5.8
1,1,2-Trichloroethane		0.58	U	0.45	5.8
Trichloroethene		0.58	U	0.48	5.8
Vinyl chloride		0.58	U	0.45	5.8
Xylenes, Total		1.7	U	0.77	12

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	95		85 - 120
Dibromofluoromethane (Surr)	100		59 - 138
1,2-Dichloroethane-d4 (Surr)	108		61 - 130
Toluene-d8 (Surr)	99		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0106M-0001-SO**

Lab Sample ID: 240-18544-25 Date Sampled: 12/06/2012 1625
Client Matrix: Solid % Moisture: 9.1 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82511.D
Dilution:	1.0			Initial Weight/Volume:	5.839 g
Analysis Date:	12/15/2012 2350			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		5.9	U	5.9	19
Benzene		0.47	U	0.22	4.7
Bromochloromethane		0.94	U	0.67	4.7
Bromodichloromethane		0.47	U	0.26	4.7
Bromoform		0.47	U	0.31	4.7
Bromomethane		0.94	U	0.51	4.7
2-Butanone (MEK)		1.9	U	1.3	19
Carbon disulfide		0.47	U	0.41	4.7
Carbon tetrachloride		0.47	U	0.35	4.7
Chlorobenzene		0.47	U	0.31	4.7
Chloroethane		0.94	U	0.81	4.7
Chloroform		0.47	U	0.27	4.7
Chloromethane		0.47	U	0.39	4.7
cis-1,3-Dichloropropene		0.47	U	0.32	4.7
Dibromochloromethane		0.94	U	0.52	4.7
1,2-Dibromoethane		0.94	U	0.47	4.7
1,1-Dichloroethane		0.47	U	0.34	4.7
1,2-Dichloroethane		0.47	U	0.32	4.7
1,1-Dichloroethene		0.94	U	0.49	4.7
1,2-Dichloroethene, Total		0.94	U	0.73	9.4
1,2-Dichloropropane		0.94	U	0.65	4.7
Ethylbenzene		0.47	U	0.24	4.7
2-Hexanone		0.94	U	0.59	19
Methylene Chloride		0.94	U	0.63	4.7
4-Methyl-2-pentanone (MIBK)		0.94	U	0.51	19
Styrene		0.47	U	0.14	4.7
1,1,2,2-Tetrachloroethane		0.47	U	0.32	4.7
Tetrachloroethene		0.94	U	0.49	4.7
Toluene		0.97	J	0.25	4.7
trans-1,3-Dichloropropene		0.94	U	0.51	4.7
1,1,1-Trichloroethane		0.94	U	0.53	4.7
1,1,2-Trichloroethane		0.47	U	0.37	4.7
Trichloroethene		0.47	U	0.40	4.7
Vinyl chloride		0.47	U	0.37	4.7
Xylenes, Total		1.4	U	0.63	9.4

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	93		85 - 120
Dibromofluoromethane (Surr)	97		59 - 138
1,2-Dichloroethane-d4 (Surr)	104		61 - 130
Toluene-d8 (Surr)	96		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0107M-0001-SO**

Lab Sample ID: 240-18544-26 Date Sampled: 12/06/2012 1625
Client Matrix: Solid % Moisture: 7.0 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82512.D
Dilution:	1.0			Initial Weight/Volume:	5.194 g
Analysis Date:	12/16/2012 0011			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		6.5	U	6.5	21
Benzene		0.52	U	0.24	5.2
Bromochloromethane		1.0	U	0.73	5.2
Bromodichloromethane		0.52	U	0.29	5.2
Bromoform		0.52	U	0.34	5.2
Bromomethane		1.0	U	0.56	5.2
2-Butanone (MEK)		2.1	U	1.4	21
Carbon disulfide		0.52	U	0.46	5.2
Carbon tetrachloride		0.52	U	0.38	5.2
Chlorobenzene		0.52	U	0.34	5.2
Chloroethane		1.0	U	0.89	5.2
Chloroform		0.52	U	0.30	5.2
Chloromethane		0.52	U	0.42	5.2
cis-1,3-Dichloropropene		0.52	U	0.35	5.2
Dibromochloromethane		1.0	U	0.57	5.2
1,2-Dibromoethane		1.0	U	0.52	5.2
1,1-Dichloroethane		0.52	U	0.37	5.2
1,2-Dichloroethane		0.52	U	0.35	5.2
1,1-Dichloroethene		1.0	U	0.54	5.2
1,2-Dichloroethene, Total		1.0	U	0.80	10
1,2-Dichloropropane		1.0	U	0.71	5.2
Ethylbenzene		0.52	U	0.27	5.2
2-Hexanone		1.0	U	0.65	21
Methylene Chloride		1.0	U	0.69	5.2
4-Methyl-2-pentanone (MIBK)		1.0	U	0.56	21
Styrene		0.52	U	0.16	5.2
1,1,2,2-Tetrachloroethane		0.52	U	0.35	5.2
Tetrachloroethene		1.0	U	0.54	5.2
Toluene		1.0	J	0.28	5.2
trans-1,3-Dichloropropene		1.0	U	0.56	5.2
1,1,1-Trichloroethane		1.0	U	0.58	5.2
1,1,2-Trichloroethane		0.52	U	0.40	5.2
Trichloroethene		0.52	U	0.43	5.2
Vinyl chloride		0.52	U	0.40	5.2
Xylenes, Total		1.6	U	0.69	10

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	89		85 - 120
Dibromofluoromethane (Surr)	94		59 - 138
1,2-Dichloroethane-d4 (Surr)	94		61 - 130
Toluene-d8 (Surr)	96		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0108M-0001-SO**

Lab Sample ID: 240-18544-27 Date Sampled: 12/06/2012 1550
Client Matrix: Solid % Moisture: 9.5 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82513.D
Dilution:	1.0			Initial Weight/Volume:	6.212 g
Analysis Date:	12/16/2012 0033			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		5.6	U	5.6	18
Benzene		0.44	U	0.20	4.4
Bromochloromethane		0.89	U	0.63	4.4
Bromodichloromethane		0.44	U	0.25	4.4
Bromoform		0.44	U	0.29	4.4
Bromomethane		0.89	U	0.48	4.4
2-Butanone (MEK)		1.8	U	1.2	18
Carbon disulfide		0.44	U	0.39	4.4
Carbon tetrachloride		0.44	U	0.33	4.4
Chlorobenzene		0.44	U	0.29	4.4
Chloroethane		0.89	U	0.76	4.4
Chloroform		0.44	U	0.26	4.4
Chloromethane		0.44	U	0.36	4.4
cis-1,3-Dichloropropene		0.44	U	0.30	4.4
Dibromochloromethane		0.89	U	0.49	4.4
1,2-Dibromoethane		0.89	U	0.44	4.4
1,1-Dichloroethane		0.44	U	0.32	4.4
1,2-Dichloroethane		0.44	U	0.30	4.4
1,1-Dichloroethene		0.89	U	0.46	4.4
1,2-Dichloroethene, Total		0.89	U	0.68	8.9
1,2-Dichloropropane		0.89	U	0.61	4.4
Ethylbenzene		0.44	U	0.23	4.4
2-Hexanone		0.89	U	0.56	18
Methylene Chloride		0.89	U	0.60	4.4
4-Methyl-2-pentanone (MIBK)		0.89	U	0.48	18
Styrene		0.44	U	0.13	4.4
1,1,2,2-Tetrachloroethane		0.44	U	0.30	4.4
Tetrachloroethene		0.89	U	0.46	4.4
Toluene		1.3	J	0.24	4.4
trans-1,3-Dichloropropene		0.89	U	0.48	4.4
1,1,1-Trichloroethane		0.89	U	0.50	4.4
1,1,2-Trichloroethane		0.44	U	0.35	4.4
Trichloroethene		0.44	U	0.37	4.4
Vinyl chloride		0.44	U	0.35	4.4
Xylenes, Total		1.3	U	0.60	8.9

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	92		85 - 120
Dibromofluoromethane (Surr)	97		59 - 138
1,2-Dichloroethane-d4 (Surr)	103		61 - 130
Toluene-d8 (Surr)	97		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0109M-0001-SO**

Lab Sample ID: 240-18544-28 Date Sampled: 12/06/2012 1605
Client Matrix: Solid % Moisture: 15.0 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82514.D
Dilution:	1.0			Initial Weight/Volume:	7.429 g
Analysis Date:	12/16/2012 0054			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		5.0	U	5.0	16
Benzene		0.40	U	0.18	4.0
Bromochloromethane		0.79	U	0.56	4.0
Bromodichloromethane		0.40	U	0.22	4.0
Bromoform		0.40	U	0.26	4.0
Bromomethane		0.79	U	0.43	4.0
2-Butanone (MEK)		1.6	U	1.1	16
Carbon disulfide		0.40	U	0.35	4.0
Carbon tetrachloride		0.40	U	0.29	4.0
Chlorobenzene		0.40	U	0.26	4.0
Chloroethane		0.79	U	0.68	4.0
Chloroform		0.40	U	0.23	4.0
Chloromethane		0.40	U	0.32	4.0
cis-1,3-Dichloropropene		0.40	U	0.27	4.0
Dibromochloromethane		0.79	U	0.44	4.0
1,2-Dibromoethane		0.79	U	0.40	4.0
1,1-Dichloroethane		0.40	U	0.29	4.0
1,2-Dichloroethane		0.40	U	0.27	4.0
1,1-Dichloroethene		0.79	U	0.41	4.0
1,2-Dichloroethene, Total		0.79	U	0.61	7.9
1,2-Dichloropropane		0.79	U	0.55	4.0
Ethylbenzene		0.40	U	0.21	4.0
2-Hexanone		0.79	U	0.50	16
Methylene Chloride		0.79	U	0.53	4.0
4-Methyl-2-pentanone (MIBK)		0.79	U	0.43	16
Styrene		0.40	U	0.12	4.0
1,1,2,2-Tetrachloroethane		0.40	U	0.27	4.0
Tetrachloroethene		0.79	U	0.41	4.0
Toluene		1.0	J	0.21	4.0
trans-1,3-Dichloropropene		0.79	U	0.43	4.0
1,1,1-Trichloroethane		0.79	U	0.44	4.0
1,1,2-Trichloroethane		0.40	U	0.31	4.0
Trichloroethene		0.40	U	0.33	4.0
Vinyl chloride		0.40	U	0.31	4.0
Xylenes, Total		1.2	U	0.53	7.9

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	89		85 - 120
Dibromofluoromethane (Surr)	94		59 - 138
1,2-Dichloroethane-d4 (Surr)	103		61 - 130
Toluene-d8 (Surr)	92		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0110M-0001-SO**

Lab Sample ID: 240-18544-29 Date Sampled: 12/06/2012 1704
Client Matrix: Solid % Moisture: 14.5 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82515.D
Dilution:	1.0			Initial Weight/Volume:	5.808 g
Analysis Date:	12/16/2012 0115			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		30		6.3	20
Benzene		0.50	U	0.23	5.0
Bromochloromethane		1.0	U	0.71	5.0
Bromodichloromethane		0.50	U	0.28	5.0
Bromoform		0.50	U	0.33	5.0
Bromomethane		1.0	U	0.54	5.0
2-Butanone (MEK)		4.2	J	1.4	20
Carbon disulfide		0.50	U	0.44	5.0
Carbon tetrachloride		0.50	U	0.37	5.0
Chlorobenzene		0.50	U	0.33	5.0
Chloroethane		1.0	U	0.87	5.0
Chloroform		0.50	U	0.29	5.0
Chloromethane		0.50	U	0.41	5.0
cis-1,3-Dichloropropene		0.50	U	0.34	5.0
Dibromochloromethane		1.0	U	0.55	5.0
1,2-Dibromoethane		1.0	U	0.50	5.0
1,1-Dichloroethane		0.50	U	0.36	5.0
1,2-Dichloroethane		0.50	U	0.34	5.0
1,1-Dichloroethene		1.0	U	0.52	5.0
1,2-Dichloroethene, Total		1.0	U	0.78	10
1,2-Dichloropropane		1.0	U	0.69	5.0
Ethylbenzene		0.50	U	0.26	5.0
2-Hexanone		1.0	U	0.63	20
Methylene Chloride		1.0	U	0.67	5.0
4-Methyl-2-pentanone (MIBK)		1.0	U	0.54	20
Styrene		0.50	U	0.15	5.0
1,1,2,2-Tetrachloroethane		0.50	U	0.34	5.0
Tetrachloroethene		1.0	U	0.52	5.0
Toluene		1.2	J	0.27	5.0
trans-1,3-Dichloropropene		1.0	U	0.54	5.0
1,1,1-Trichloroethane		1.0	U	0.56	5.0
1,1,2-Trichloroethane		0.50	U	0.39	5.0
Trichloroethene		0.50	U	0.42	5.0
Vinyl chloride		0.50	U	0.39	5.0
Xylenes, Total		1.5	U	0.67	10

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	90		85 - 120
Dibromofluoromethane (Surr)	92		59 - 138
1,2-Dichloroethane-d4 (Surr)	100		61 - 130
Toluene-d8 (Surr)	91		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0111M-0001-SO**

Lab Sample ID: 240-18544-30 Date Sampled: 12/06/2012 1704
Client Matrix: Solid % Moisture: 14.7 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82516.D
Dilution:	1.0			Initial Weight/Volume:	6.275 g
Analysis Date:	12/16/2012 0136			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		30		5.9	19
Benzene		0.47	U	0.21	4.7
Bromochloromethane		0.93	U	0.66	4.7
Bromodichloromethane		0.47	U	0.26	4.7
Bromoform		0.47	U	0.31	4.7
Bromomethane		0.93	U	0.50	4.7
2-Butanone (MEK)		5.6	J	1.3	19
Carbon disulfide		0.47	U	0.41	4.7
Carbon tetrachloride		0.47	U	0.35	4.7
Chlorobenzene		0.47	U	0.31	4.7
Chloroethane		0.93	U	0.80	4.7
Chloroform		0.47	U	0.27	4.7
Chloromethane		0.47	U	0.38	4.7
cis-1,3-Dichloropropene		0.47	U	0.32	4.7
Dibromochloromethane		0.93	U	0.51	4.7
1,2-Dibromoethane		0.93	U	0.47	4.7
1,1-Dichloroethane		0.47	U	0.34	4.7
1,2-Dichloroethane		0.47	U	0.32	4.7
1,1-Dichloroethene		0.93	U	0.49	4.7
1,2-Dichloroethene, Total		0.93	U	0.72	9.3
1,2-Dichloropropane		0.93	U	0.64	4.7
Ethylbenzene		0.47	U	0.24	4.7
2-Hexanone		0.93	U	0.59	19
Methylene Chloride		0.93	U	0.63	4.7
4-Methyl-2-pentanone (MIBK)		0.93	U	0.50	19
Styrene		0.47	U	0.14	4.7
1,1,2,2-Tetrachloroethane		0.47	U	0.32	4.7
Tetrachloroethene		0.93	U	0.49	4.7
Toluene		0.95	J	0.25	4.7
trans-1,3-Dichloropropene		0.93	U	0.50	4.7
1,1,1-Trichloroethane		0.93	U	0.52	4.7
1,1,2-Trichloroethane		0.47	U	0.36	4.7
Trichloroethene		0.47	U	0.39	4.7
Vinyl chloride		0.47	U	0.36	4.7
Xylenes, Total		1.4	U	0.63	9.3

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	92		85 - 120
Dibromofluoromethane (Surr)	92		59 - 138
1,2-Dichloroethane-d4 (Surr)	99		61 - 130
Toluene-d8 (Surr)	92		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0112M-0001-SO**

Lab Sample ID: 240-18544-31 Date Sampled: 12/06/2012 1725
Client Matrix: Solid % Moisture: 11.1 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82517.D
Dilution:	1.0			Initial Weight/Volume:	6.483 g
Analysis Date:	12/16/2012 0157			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		6.6	J	5.5	17
Benzene		0.43	U	0.20	4.3
Bromochloromethane		0.87	U	0.62	4.3
Bromodichloromethane		0.43	U	0.24	4.3
Bromoform		0.43	U	0.29	4.3
Bromomethane		0.87	U	0.47	4.3
2-Butanone (MEK)		1.7	J	1.2	17
Carbon disulfide		0.43	U	0.38	4.3
Carbon tetrachloride		0.43	U	0.32	4.3
Chlorobenzene		0.43	U	0.29	4.3
Chloroethane		0.87	U	0.75	4.3
Chloroform		0.43	U	0.25	4.3
Chloromethane		0.43	U	0.36	4.3
cis-1,3-Dichloropropene		0.43	U	0.30	4.3
Dibromochloromethane		0.87	U	0.48	4.3
1,2-Dibromoethane		0.87	U	0.43	4.3
1,1-Dichloroethane		0.43	U	0.31	4.3
1,2-Dichloroethane		0.43	U	0.30	4.3
1,1-Dichloroethene		0.87	U	0.45	4.3
1,2-Dichloroethene, Total		0.87	U	0.67	8.7
1,2-Dichloropropane		0.87	U	0.60	4.3
Ethylbenzene		0.43	U	0.23	4.3
2-Hexanone		0.87	U	0.55	17
Methylene Chloride		0.87	U	0.58	4.3
4-Methyl-2-pentanone (MIBK)		0.87	U	0.47	17
Styrene		0.43	U	0.13	4.3
1,1,2,2-Tetrachloroethane		0.43	U	0.30	4.3
Tetrachloroethene		0.87	U	0.45	4.3
Toluene		1.0	J	0.23	4.3
trans-1,3-Dichloropropene		0.87	U	0.47	4.3
1,1,1-Trichloroethane		0.87	U	0.49	4.3
1,1,2-Trichloroethane		0.43	U	0.34	4.3
Trichloroethene		0.43	U	0.36	4.3
Vinyl chloride		0.43	U	0.34	4.3
Xylenes, Total		1.3	U	0.58	8.7

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	96		85 - 120
Dibromofluoromethane (Surr)	100		59 - 138
1,2-Dichloroethane-d4 (Surr)	107		61 - 130
Toluene-d8 (Surr)	99		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0113M-0001-SO**

Lab Sample ID: 240-18544-32 Date Sampled: 12/06/2012 1725
Client Matrix: Solid % Moisture: 12.6 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82518.D
Dilution:	1.0			Initial Weight/Volume:	6.313 g
Analysis Date:	12/16/2012 0219			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		12	J	5.7	18
Benzene		0.45	U	0.21	4.5
Bromochloromethane		0.91	U	0.64	4.5
Bromodichloromethane		0.45	U	0.25	4.5
Bromoform		0.45	U	0.30	4.5
Bromomethane		0.91	U	0.49	4.5
2-Butanone (MEK)		3.3	J	1.3	18
Carbon disulfide		0.45	U	0.40	4.5
Carbon tetrachloride		0.45	U	0.34	4.5
Chlorobenzene		0.45	U	0.30	4.5
Chloroethane		0.91	U	0.78	4.5
Chloroform		0.45	U	0.26	4.5
Chloromethane		0.45	U	0.37	4.5
cis-1,3-Dichloropropene		0.45	U	0.31	4.5
Dibromochloromethane		0.91	U	0.50	4.5
1,2-Dibromoethane		0.91	U	0.45	4.5
1,1-Dichloroethane		0.45	U	0.33	4.5
1,2-Dichloroethane		0.45	U	0.31	4.5
1,1-Dichloroethene		0.91	U	0.47	4.5
1,2-Dichloroethene, Total		0.91	U	0.70	9.1
1,2-Dichloropropane		0.91	U	0.63	4.5
Ethylbenzene		0.45	U	0.24	4.5
2-Hexanone		0.91	U	0.57	18
Methylene Chloride		1.1	J	0.61	4.5
4-Methyl-2-pentanone (MIBK)		0.91	U	0.49	18
Styrene		0.45	U	0.14	4.5
1,1,2,2-Tetrachloroethane		0.45	U	0.31	4.5
Tetrachloroethene		0.91	U	0.47	4.5
Toluene		1.5	J	0.24	4.5
trans-1,3-Dichloropropene		0.91	U	0.49	4.5
1,1,1-Trichloroethane		0.91	U	0.51	4.5
1,1,2-Trichloroethane		0.45	U	0.35	4.5
Trichloroethene		0.45	U	0.38	4.5
Vinyl chloride		0.45	U	0.35	4.5
Xylenes, Total		1.4	U	0.61	9.1

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	83	Q	85 - 120
Dibromofluoromethane (Surr)	95		59 - 138
1,2-Dichloroethane-d4 (Surr)	96		61 - 130
Toluene-d8 (Surr)	103		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0114M-0001-SO**

Lab Sample ID: 240-18544-33 Date Sampled: 12/06/2012 1735
Client Matrix: Solid % Moisture: 16.7 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82519.D
Dilution:	1.0			Initial Weight/Volume:	6.274 g
Analysis Date:	12/16/2012 0240			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		6.0	U	6.0	19
Benzene		0.48	U	0.22	4.8
Bromochloromethane		0.96	U	0.68	4.8
Bromodichloromethane		0.48	U	0.27	4.8
Bromoform		0.48	U	0.32	4.8
Bromomethane		0.96	U	0.52	4.8
2-Butanone (MEK)		1.9	U	1.3	19
Carbon disulfide		0.48	U	0.42	4.8
Carbon tetrachloride		0.48	U	0.35	4.8
Chlorobenzene		0.48	U	0.32	4.8
Chloroethane		0.96	U	0.82	4.8
Chloroform		0.48	U	0.28	4.8
Chloromethane		0.48	U	0.39	4.8
cis-1,3-Dichloropropene		0.48	U	0.33	4.8
Dibromochloromethane		0.96	U	0.53	4.8
1,2-Dibromoethane		0.96	U	0.48	4.8
1,1-Dichloroethane		0.48	U	0.34	4.8
1,2-Dichloroethane		0.48	U	0.33	4.8
1,1-Dichloroethene		0.96	U	0.50	4.8
1,2-Dichloroethene, Total		0.96	U	0.74	9.6
1,2-Dichloropropane		0.96	U	0.66	4.8
Ethylbenzene		0.48	U	0.25	4.8
2-Hexanone		0.96	U	0.60	19
Methylene Chloride		0.96	U	0.64	4.8
4-Methyl-2-pentanone (MIBK)		0.96	U	0.52	19
Styrene		0.48	U	0.14	4.8
1,1,2,2-Tetrachloroethane		0.48	U	0.33	4.8
Tetrachloroethene		0.96	U	0.50	4.8
Toluene		0.52	J	0.26	4.8
trans-1,3-Dichloropropene		0.96	U	0.52	4.8
1,1,1-Trichloroethane		0.96	U	0.54	4.8
1,1,2-Trichloroethane		0.48	U	0.37	4.8
Trichloroethene		0.48	U	0.40	4.8
Vinyl chloride		0.48	U	0.37	4.8
Xylenes, Total		1.4	U	0.64	9.6

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		85 - 120
Dibromofluoromethane (Surr)	93		59 - 138
1,2-Dichloroethane-d4 (Surr)	91		61 - 130
Toluene-d8 (Surr)	97		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0115M-0001-SO**

Lab Sample ID: 240-18544-34 Date Sampled: 12/06/2012 1735
Client Matrix: Solid % Moisture: 17.9 Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68262	Lab File ID:	UX82520.D
Dilution:	1.0			Initial Weight/Volume:	5.842 g
Analysis Date:	12/16/2012 0301			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		6.6	U	6.6	21
Benzene		0.52	U	0.24	5.2
Bromochloromethane		1.0	U	0.74	5.2
Bromodichloromethane		0.52	U	0.29	5.2
Bromoform		0.52	U	0.34	5.2
Bromomethane		1.0	U	0.56	5.2
2-Butanone (MEK)		2.1	U	1.5	21
Carbon disulfide		0.52	U	0.46	5.2
Carbon tetrachloride		0.52	U	0.39	5.2
Chlorobenzene		0.52	U	0.34	5.2
Chloroethane		1.0	U	0.90	5.2
Chloroform		0.52	U	0.30	5.2
Chloromethane		0.52	U	0.43	5.2
cis-1,3-Dichloropropene		0.52	U	0.35	5.2
Dibromochloromethane		1.0	U	0.57	5.2
1,2-Dibromoethane		1.0	U	0.52	5.2
1,1-Dichloroethane		0.52	U	0.38	5.2
1,2-Dichloroethane		0.52	U	0.35	5.2
1,1-Dichloroethene		1.0	U	0.54	5.2
1,2-Dichloroethene, Total		1.0	U	0.80	10
1,2-Dichloropropane		1.0	U	0.72	5.2
Ethylbenzene		0.52	U	0.27	5.2
2-Hexanone		1.0	U	0.66	21
Methylene Chloride		1.7	J	0.70	5.2
4-Methyl-2-pentanone (MIBK)		1.0	U	0.56	21
Styrene		0.52	U	0.16	5.2
1,1,2,2-Tetrachloroethane		0.52	U	0.35	5.2
Tetrachloroethene		1.0	U	0.54	5.2
Toluene		1.5	J	0.28	5.2
trans-1,3-Dichloropropene		1.0	U	0.56	5.2
1,1,1-Trichloroethane		1.0	U	0.58	5.2
1,1,2-Trichloroethane		0.52	U	0.41	5.2
Trichloroethene		0.52	U	0.44	5.2
Vinyl chloride		0.52	U	0.41	5.2
Xylenes, Total		1.6	U	0.70	10

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	88		85 - 120
Dibromofluoromethane (Surr)	92		59 - 138
1,2-Dichloroethane-d4 (Surr)	93		61 - 130
Toluene-d8 (Surr)	97		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0116-0001-TB**

Lab Sample ID: 240-18544-35 Date Sampled: 12/06/2012 0800
Client Matrix: Water Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68395	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8983.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	12/12/2012 1811			Final Weight/Volume:	5 mL
Prep Date:	12/12/2012 1811				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
1,1,1-Trichloroethane	0.25	U	0.22	1.0
1,1,2,2-Tetrachloroethane	0.25	U	0.18	1.0
1,1,2-Trichloroethane	0.50	U	0.27	1.0
1,1-Dichloroethane	0.25	U	0.15	1.0
1,1-Dichloroethene	0.25	U	0.19	1.0
1,2-Dichloroethane	0.25	U	0.22	1.0
1,2-Dichloroethene, Total	0.50	U	0.34	2.0
1,2-Dichloropropane	0.25	U	0.18	1.0
2-Butanone (MEK)	0.57	U	0.57	10
2-Hexanone	0.50	U	0.41	10
4-Methyl-2-pentanone (MIBK)	0.50	U	0.32	10
Acetone	1.3	J	1.1	10
Benzene	0.25	U	0.13	1.0
Bromoform	0.64	U	0.64	1.0
Bromomethane	0.50	U	0.41	1.0
Carbon disulfide	0.25	U	0.13	1.0
Carbon tetrachloride	0.25	U	0.13	1.0
Chlorobenzene	0.25	U	0.15	1.0
Chloromethane	0.50	U	0.30	1.0
cis-1,3-Dichloropropene	0.25	U	0.14	1.0
Dibromochloromethane	0.25	U	0.18	1.0
Bromodichloromethane	0.25	U	0.15	1.0
Ethylbenzene	0.25	U	0.17	1.0
Methyl tert-butyl ether	0.25	U	0.17	1.0
Methylene Chloride	0.50	U	0.33	1.0
Styrene	0.25	U	0.11	1.0
Tetrachloroethene	0.50	U	0.29	1.0
Toluene	0.25	U	0.13	1.0
trans-1,3-Dichloropropene	0.25	U	0.19	1.0
Trichloroethene	0.25	U	0.17	1.0
Vinyl chloride	0.25	U	0.22	1.0
Xylenes, Total	0.75	U	0.28	2.0
Chloroform	0.25	U	0.16	1.0
Bromochloromethane	0.50	U	0.29	1.0
1,2-Dibromoethane	0.25	U	0.24	1.0
Chloroethane	0.50	U	0.29	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	100		85 - 120
1,2-Dichloroethane-d4 (Surr)	93		70 - 120
4-Bromofluorobenzene (Surr)	103		75 - 120
Dibromofluoromethane (Surr)	88		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0117-0001-TB**

Lab Sample ID: 240-18544-36 Date Sampled: 12/06/2012 0800
Client Matrix: Water Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68395	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8984.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	12/12/2012 1834			Final Weight/Volume:	5 mL
Prep Date:	12/12/2012 1834				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
1,1,1-Trichloroethane	0.25	U	0.22	1.0
1,1,2,2-Tetrachloroethane	0.25	U	0.18	1.0
1,1,2-Trichloroethane	0.50	U	0.27	1.0
1,1-Dichloroethane	0.25	U	0.15	1.0
1,1-Dichloroethene	0.25	U	0.19	1.0
1,2-Dichloroethane	0.25	U	0.22	1.0
1,2-Dichloroethene, Total	0.50	U	0.34	2.0
1,2-Dichloropropane	0.25	U	0.18	1.0
2-Butanone (MEK)	0.57	U	0.57	10
2-Hexanone	0.50	U	0.41	10
4-Methyl-2-pentanone (MIBK)	0.50	U	0.32	10
Acetone	1.1	U	1.1	10
Benzene	0.25	U	0.13	1.0
Bromoform	0.64	U	0.64	1.0
Bromomethane	0.50	U	0.41	1.0
Carbon disulfide	0.25	U	0.13	1.0
Carbon tetrachloride	0.25	U	0.13	1.0
Chlorobenzene	0.25	U	0.15	1.0
Chloromethane	0.50	U	0.30	1.0
cis-1,3-Dichloropropene	0.25	U	0.14	1.0
Dibromochloromethane	0.25	U	0.18	1.0
Bromodichloromethane	0.25	U	0.15	1.0
Ethylbenzene	0.25	U	0.17	1.0
Methyl tert-butyl ether	0.25	U	0.17	1.0
Methylene Chloride	0.50	U	0.33	1.0
Styrene	0.25	U	0.11	1.0
Tetrachloroethene	0.50	U	0.29	1.0
Toluene	0.25	U	0.13	1.0
trans-1,3-Dichloropropene	0.25	U	0.19	1.0
Trichloroethene	0.25	U	0.17	1.0
Vinyl chloride	0.25	U	0.22	1.0
Xylenes, Total	0.75	U	0.28	2.0
Chloroform	0.25	U	0.16	1.0
Bromochloromethane	0.50	U	0.29	1.0
1,2-Dibromoethane	0.25	U	0.24	1.0
Chloroethane	0.50	U	0.29	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	97		85 - 120
1,2-Dichloroethane-d4 (Surr)	93		70 - 120
4-Bromofluorobenzene (Surr)	104		75 - 120
Dibromofluoromethane (Surr)	89		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0118-0001-TB**

Lab Sample ID: 240-18544-37 Date Sampled: 12/06/2012 0800
Client Matrix: Water Date Received: 12/07/2012 1755

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-68395	Instrument ID:	A3UX11
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXJ8985.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	12/12/2012 1856			Final Weight/Volume:	5 mL
Prep Date:	12/12/2012 1856				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
1,1,1-Trichloroethane	0.25	U	0.22	1.0
1,1,2,2-Tetrachloroethane	0.25	U	0.18	1.0
1,1,2-Trichloroethane	0.50	U	0.27	1.0
1,1-Dichloroethane	0.25	U	0.15	1.0
1,1-Dichloroethene	0.25	U	0.19	1.0
1,2-Dichloroethane	0.25	U	0.22	1.0
1,2-Dichloroethene, Total	0.50	U	0.34	2.0
1,2-Dichloropropane	0.25	U	0.18	1.0
2-Butanone (MEK)	0.57	U	0.57	10
2-Hexanone	0.50	U	0.41	10
4-Methyl-2-pentanone (MIBK)	0.50	U	0.32	10
Acetone	1.1	U	1.1	10
Benzene	0.25	U	0.13	1.0
Bromoform	0.64	U	0.64	1.0
Bromomethane	0.50	U	0.41	1.0
Carbon disulfide	0.25	U	0.13	1.0
Carbon tetrachloride	0.25	U	0.13	1.0
Chlorobenzene	0.25	U	0.15	1.0
Chloromethane	0.50	U	0.30	1.0
cis-1,3-Dichloropropene	0.25	U	0.14	1.0
Dibromochloromethane	0.25	U	0.18	1.0
Bromodichloromethane	0.25	U	0.15	1.0
Ethylbenzene	0.25	U	0.17	1.0
Methyl tert-butyl ether	0.25	U	0.17	1.0
Methylene Chloride	0.50	U	0.33	1.0
Styrene	0.25	U	0.11	1.0
Tetrachloroethene	0.50	U	0.29	1.0
Toluene	0.25	U	0.13	1.0
trans-1,3-Dichloropropene	0.25	U	0.19	1.0
Trichloroethene	0.25	U	0.17	1.0
Vinyl chloride	0.25	U	0.22	1.0
Xylenes, Total	0.75	U	0.28	2.0
Chloroform	0.25	U	0.16	1.0
Bromochloromethane	0.50	U	0.29	1.0
1,2-Dibromoethane	0.25	U	0.24	1.0
Chloroethane	0.50	U	0.29	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	95		85 - 120
1,2-Dichloroethane-d4 (Surr)	95		70 - 120
4-Bromofluorobenzene (Surr)	103		75 - 120
Dibromofluoromethane (Surr)	89		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0063-0001-SO**

Lab Sample ID: 240-18544-1 Date Sampled: 12/06/2012 0922
Client Matrix: Solid % Moisture: 11.2 Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223009.D
Dilution:	1.0			Initial Weight/Volume:	29.75 g
Analysis Date:	12/23/2012 1400			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.7	U	3.7	7.6
Acenaphthylene		3.7	U	3.7	7.6
Anthracene		3.7	U	3.7	7.6
Benzo[a]anthracene		3.7	U	3.7	7.6
Benzo[a]pyrene		3.7	U	3.7	7.6
Benzo[b]fluoranthene		3.7	U	3.7	7.6
Benzo[g,h,i]perylene		3.7	U	3.7	7.6
Benzoic acid		380	U	380	750
Benzo[k]fluoranthene		3.7	U	3.7	7.6
Benzyl alcohol		31	U	24	370
Bis(2-chloroethoxy)methane		31	U	25	110
Bis(2-chloroethyl)ether		3.7	U	2.3	110
bis (2-chloroisopropyl) ether		31	U	11	110
Bis(2-ethylhexyl) phthalate		23	J B	22	57
4-Bromophenyl phenyl ether		31	U	15	57
Butyl benzyl phthalate		31	U	11	57
Carbazole		31	U	31	57
4-Chloroaniline		31	U	19	170
4-Chloro-3-methylphenol		31	U	24	170
2-Chloronaphthalene		3.7	U	3.7	57
2-Chlorophenol		31	U	31	57
4-Chlorophenyl phenyl ether		31	U	15	57
Chrysene		3.7	U	1.2	7.6
Dibenz(a,h)anthracene		3.7	U	3.7	7.6
Dibenzofuran		3.7	U	3.7	57
1,2-Dichlorobenzene		31	U	11	57
1,3-Dichlorobenzene		31	U	12	57
1,4-Dichlorobenzene		31	U	23	57
3,3'-Dichlorobenzidine		91	U	20	110
2,4-Dichlorophenol		31	U	23	170
Diethyl phthalate		31	U	18	57
2,4-Dimethylphenol		91	U	23	170
Dimethyl phthalate		31	U	19	57
Di-n-butyl phthalate		31	U	17	57
4,6-Dinitro-2-methylphenol		91	U	91	170
2,4-Dinitrophenol		91	U	91	370
2,4-Dinitrotoluene		31	U	31	230
2,6-Dinitrotoluene		31	U	24	230
Di-n-octyl phthalate		31	U	31	57
Fluoranthene		3.7	U	3.7	7.6
Fluorene		3.7	U	3.7	7.6
Hexachlorobenzene		3.7	U	2.4	7.6
Hexachlorobutadiene		31	U	31	57
Hexachlorocyclopentadiene		31	U	31	370
Hexachloroethane		31	U	10	57
Indeno[1,2,3-cd]pyrene		3.7	U	3.7	7.6

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0063-0001-SO**

Lab Sample ID: 240-18544-1 Date Sampled: 12/06/2012 0922
Client Matrix: Solid % Moisture: 11.2 Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223009.D
Dilution:	1.0			Initial Weight/Volume:	29.75 g
Analysis Date:	12/23/2012 1400			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		31	U	15	57
2-Methylnaphthalene		3.7	U	3.7	7.6
2-Methylphenol		91	U	91	230
3 & 4 Methylphenol		91	U	23	450
Naphthalene		3.7	U	3.7	7.6
2-Nitroaniline		31	U	10	230
3-Nitroaniline		91	U	18	230
4-Nitroaniline		31	U	30	230
Nitrobenzene		3.7	U	2.5	110
2-Nitrophenol		31	U	31	57
4-Nitrophenol		91	U	91	370
N-Nitrosodi-n-propylamine		31	U	31	57
N-Nitrosodiphenylamine		31	U	24	57
Pentachlorophenol		91	U	91	170
Phenanthrene		3.7	U	3.7	7.6
Phenol		31	U	31	57
Pyrene		3.7	U	3.7	7.6
1,2,4-Trichlorobenzene		31	U	31	57
2,4,5-Trichlorophenol		31	U	28	170
2,4,6-Trichlorophenol		91	U	91	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	52		45 - 105
2-Fluorophenol (Surr)	65		35 - 105
Nitrobenzene-d5 (Surr)	52		35 - 100
Phenol-d5 (Surr)	66		40 - 100
Terphenyl-d14 (Surr)	59		30 - 125
2,4,6-Tribromophenol (Surr)	38		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0064-0001-SO**

Lab Sample ID: 240-18544-2 Date Sampled: 12/06/2012 0922
Client Matrix: Solid % Moisture: 10.3 Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21224024.D
Dilution:	1.0			Initial Weight/Volume:	30.02 g
Analysis Date:	12/24/2012 1748			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.7	U	3.7	7.4
Acenaphthylene		3.7	U	3.7	7.4
Anthracene		3.7	U	3.7	7.4
Benzo[a]anthracene		3.7	U	3.7	7.4
Benzo[a]pyrene		3.7	U	3.7	7.4
Benzo[b]fluoranthene		3.7	U	3.7	7.4
Benzo[g,h,i]perylene		3.7	U	3.7	7.4
Benzoic acid		370	U	370	740
Benzo[k]fluoranthene		3.7	U	3.7	7.4
Benzyl alcohol		30	U	23	370
Bis(2-chloroethoxy)methane		30	U	25	110
Bis(2-chloroethyl)ether		3.7	U	2.2	110
bis (2-chloroisopropyl) ether		30	U	11	110
Bis(2-ethylhexyl) phthalate		21	J B	21	56
4-Bromophenyl phenyl ether		30	U	14	56
Butyl benzyl phthalate		30	U	11	56
Carbazole		30	U	30	56
4-Chloroaniline		30	U	19	170
4-Chloro-3-methylphenol		30	U	23	170
2-Chloronaphthalene		3.7	U	3.7	56
2-Chlorophenol		30	U	30	56
4-Chlorophenyl phenyl ether		30	U	14	56
Chrysene		3.7	U	1.2	7.4
Dibenz(a,h)anthracene		3.7	U	3.7	7.4
Dibenzofuran		3.7	U	3.7	56
1,2-Dichlorobenzene		30	U	11	56
1,3-Dichlorobenzene		30	U	12	56
1,4-Dichlorobenzene		30	U	22	56
3,3'-Dichlorobenzidine		89	U	20	110
2,4-Dichlorophenol		30	U	22	170
Diethyl phthalate		30	U	18	56
2,4-Dimethylphenol		89	U	22	170
Dimethyl phthalate		30	U	19	56
Di-n-butyl phthalate		30	U	17	56
4,6-Dinitro-2-methylphenol		89	U	89	170
2,4-Dinitrophenol		89	U	89	370
2,4-Dinitrotoluene		30	U	30	220
2,6-Dinitrotoluene		30	U	23	220
Di-n-octyl phthalate		30	U	30	56
Fluoranthene		3.7	U	3.7	7.4
Fluorene		3.7	U	3.7	7.4
Hexachlorobenzene		3.7	U	2.3	7.4
Hexachlorobutadiene		30	U	30	56
Hexachlorocyclopentadiene		30	U	30	370
Hexachloroethane		30	U	10	56
Indeno[1,2,3-cd]pyrene		3.7	U	3.7	7.4

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0064-0001-SO**

Lab Sample ID: 240-18544-2 Date Sampled: 12/06/2012 0922
Client Matrix: Solid % Moisture: 10.3 Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21224024.D
Dilution:	1.0			Initial Weight/Volume:	30.02 g
Analysis Date:	12/24/2012 1748			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		30	U	14	56
2-Methylnaphthalene		3.7	U	3.7	7.4
2-Methylphenol		89	U	89	220
3 & 4 Methylphenol		89	U	22	450
Naphthalene		3.7	U	3.7	7.4
2-Nitroaniline		30	U	10	220
3-Nitroaniline		89	U	18	220
4-Nitroaniline		30	U	29	220
Nitrobenzene		3.7	U	2.5	110
2-Nitrophenol		30	U	30	56
4-Nitrophenol		89	U	89	370
N-Nitrosodi-n-propylamine		30	U	30	56
N-Nitrosodiphenylamine		30	U	23	56
Pentachlorophenol		89	U	89	170
Phenanthrene		3.7	U	3.7	7.4
Phenol		30	U	30	56
Pyrene		3.7	U	3.7	7.4
1,2,4-Trichlorobenzene		30	U	30	56
2,4,5-Trichlorophenol		30	U	28	170
2,4,6-Trichlorophenol		89	U	89	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	47		45 - 105
2-Fluorophenol (Surr)	62		35 - 105
Nitrobenzene-d5 (Surr)	49		35 - 100
Phenol-d5 (Surr)	60		40 - 100
Terphenyl-d14 (Surr)	57		30 - 125
2,4,6-Tribromophenol (Surr)	47		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0065-0001-SO**

Lab Sample ID: 240-18544-3 Date Sampled: 12/06/2012 0957
Client Matrix: Solid % Moisture: 11.0 Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21224025.D
Dilution:	1.0			Initial Weight/Volume:	30.19 g
Analysis Date:	12/24/2012 1812			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.7	U	3.7	7.4
Acenaphthylene		3.7	U	3.7	7.4
Anthracene		3.7	U	3.7	7.4
Benzo[a]anthracene		3.7	U	3.7	7.4
Benzo[a]pyrene		3.7	U	3.7	7.4
Benzo[b]fluoranthene		6.1	J	3.7	7.4
Benzo[g,h,i]perylene		6.9	J	3.7	7.4
Benzoic acid		370	U	370	740
Benzo[k]fluoranthene		3.7	U	3.7	7.4
Benzyl alcohol		30	U	23	370
Bis(2-chloroethoxy)methane		30	U	25	110
Bis(2-chloroethyl)ether		3.7	U	2.2	110
bis (2-chloroisopropyl) ether		30	U	11	110
Bis(2-ethylhexyl) phthalate		24	J B	21	56
4-Bromophenyl phenyl ether		30	U	15	56
Butyl benzyl phthalate		30	U	11	56
Carbazole		30	U	30	56
4-Chloroaniline		30	U	19	170
4-Chloro-3-methylphenol		30	U	23	170
2-Chloronaphthalene		3.7	U	3.7	56
2-Chlorophenol		30	U	30	56
4-Chlorophenyl phenyl ether		30	U	15	56
Chrysene		3.7	U	1.2	7.4
Dibenz(a,h)anthracene		3.7	U	3.7	7.4
Dibenzofuran		3.7	U	3.7	56
1,2-Dichlorobenzene		30	U	11	56
1,3-Dichlorobenzene		30	U	12	56
1,4-Dichlorobenzene		30	U	22	56
3,3'-Dichlorobenzidine		89	U	20	110
2,4-Dichlorophenol		30	U	22	170
Diethyl phthalate		30	U	18	56
2,4-Dimethylphenol		89	U	22	170
Dimethyl phthalate		30	U	19	56
Di-n-butyl phthalate		30	U	17	56
4,6-Dinitro-2-methylphenol		89	U	89	170
2,4-Dinitrophenol		89	U	89	370
2,4-Dinitrotoluene		30	U	30	220
2,6-Dinitrotoluene		30	U	23	220
Di-n-octyl phthalate		30	U	30	56
Fluoranthene		3.7	U	3.7	7.4
Fluorene		3.7	U	3.7	7.4
Hexachlorobenzene		3.7	U	2.3	7.4
Hexachlorobutadiene		30	U	30	56
Hexachlorocyclopentadiene		30	U	30	370
Hexachloroethane		30	U	10	56
Indeno[1,2,3-cd]pyrene		3.7	U	3.7	7.4

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0065-0001-SO**

Lab Sample ID: 240-18544-3 Date Sampled: 12/06/2012 0957
Client Matrix: Solid % Moisture: 11.0 Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21224025.D
Dilution:	1.0			Initial Weight/Volume:	30.19 g
Analysis Date:	12/24/2012 1812			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		30	U	15	56
2-Methylnaphthalene		3.7	U	3.7	7.4
2-Methylphenol		89	U	89	220
3 & 4 Methylphenol		89	U	22	450
Naphthalene		3.7	U	3.7	7.4
2-Nitroaniline		30	U	10	220
3-Nitroaniline		89	U	18	220
4-Nitroaniline		30	U	29	220
Nitrobenzene		3.7	U	2.5	110
2-Nitrophenol		30	U	30	56
4-Nitrophenol		89	U	89	370
N-Nitrosodi-n-propylamine		30	U	30	56
N-Nitrosodiphenylamine		30	U	23	56
Pentachlorophenol		89	U	89	170
Phenanthrene		3.7	U	3.7	7.4
Phenol		30	U	30	56
Pyrene		3.7	U	3.7	7.4
1,2,4-Trichlorobenzene		30	U	30	56
2,4,5-Trichlorophenol		30	U	28	170
2,4,6-Trichlorophenol		89	U	89	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		45 - 105
2-Fluorophenol (Surr)	68		35 - 105
Nitrobenzene-d5 (Surr)	51		35 - 100
Phenol-d5 (Surr)	65		40 - 100
Terphenyl-d14 (Surr)	61		30 - 125
2,4,6-Tribromophenol (Surr)	50		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0066-0001-SO**

Lab Sample ID: 240-18544-4 Date Sampled: 12/06/2012 1012
Client Matrix: Solid % Moisture: 11.4 Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223016.D
Dilution:	1.0			Initial Weight/Volume:	29.76 g
Analysis Date:	12/23/2012 1643			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.8	U	3.8	7.6
Acenaphthylene		3.8	U	3.8	7.6
Anthracene		3.8	U	3.8	7.6
Benzo[a]anthracene		3.8	U	3.8	7.6
Benzo[a]pyrene		3.8	U	3.8	7.6
Benzo[b]fluoranthene		3.8	U	3.8	7.6
Benzo[g,h,i]perylene		3.8	U	3.8	7.6
Benzoic acid		380	U	380	750
Benzo[k]fluoranthene		3.8	U	3.8	7.6
Benzyl alcohol		31	U	24	380
Bis(2-chloroethoxy)methane		31	U	25	110
Bis(2-chloroethyl)ether		3.8	U	2.3	110
bis (2-chloroisopropyl) ether		31	U	11	110
Bis(2-ethylhexyl) phthalate		26	J B	22	57
4-Bromophenyl phenyl ether		31	U	15	57
Butyl benzyl phthalate		31	U	11	57
Carbazole		31	U	31	57
4-Chloroaniline		31	U	19	170
4-Chloro-3-methylphenol		31	U	24	170
2-Chloronaphthalene		3.8	U	3.8	57
2-Chlorophenol		31	U	31	57
4-Chlorophenyl phenyl ether		31	U	15	57
Chrysene		3.8	U	1.3	7.6
Dibenz(a,h)anthracene		3.8	U	3.8	7.6
Dibenzofuran		3.8	U	3.8	57
1,2-Dichlorobenzene		31	U	11	57
1,3-Dichlorobenzene		31	U	13	57
1,4-Dichlorobenzene		31	U	23	57
3,3'-Dichlorobenzidine		91	U	20	110
2,4-Dichlorophenol		31	U	23	170
Diethyl phthalate		31	U	18	57
2,4-Dimethylphenol		91	U	23	170
Dimethyl phthalate		31	U	19	57
Di-n-butyl phthalate		31	U	17	57
4,6-Dinitro-2-methylphenol		91	U	91	170
2,4-Dinitrophenol		91	U	91	380
2,4-Dinitrotoluene		31	U	31	230
2,6-Dinitrotoluene		31	U	24	230
Di-n-octyl phthalate		31	U	31	57
Fluoranthene		3.8	U	3.8	7.6
Fluorene		3.8	U	3.8	7.6
Hexachlorobenzene		3.8	U	2.4	7.6
Hexachlorobutadiene		31	U	31	57
Hexachlorocyclopentadiene		31	U	31	380
Hexachloroethane		31	U	10	57
Indeno[1,2,3-cd]pyrene		3.8	U	3.8	7.6

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0066-0001-SO**

Lab Sample ID: 240-18544-4 Date Sampled: 12/06/2012 1012
Client Matrix: Solid % Moisture: 11.4 Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223016.D
Dilution:	1.0			Initial Weight/Volume:	29.76 g
Analysis Date:	12/23/2012 1643			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		31	U	15	57
2-Methylnaphthalene		3.8	U	3.8	7.6
2-Methylphenol		91	U	91	230
3 & 4 Methylphenol		91	U	23	460
Naphthalene		3.8	U	3.8	7.6
2-Nitroaniline		31	U	10	230
3-Nitroaniline		91	U	18	230
4-Nitroaniline		31	U	30	230
Nitrobenzene		3.8	U	2.5	110
2-Nitrophenol		31	U	31	57
4-Nitrophenol		91	U	91	380
N-Nitrosodi-n-propylamine		31	U	31	57
N-Nitrosodiphenylamine		31	U	24	57
Pentachlorophenol		91	U	91	170
Phenanthrene		3.8	U	3.8	7.6
Phenol		31	U	31	57
Pyrene		3.8	U	3.8	7.6
1,2,4-Trichlorobenzene		31	U	31	57
2,4,5-Trichlorophenol		31	U	28	170
2,4,6-Trichlorophenol		91	U	91	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		45 - 105
2-Fluorophenol (Surr)	67		35 - 105
Nitrobenzene-d5 (Surr)	51		35 - 100
Phenol-d5 (Surr)	66		40 - 100
Terphenyl-d14 (Surr)	59		30 - 125
2,4,6-Tribromophenol (Surr)	58		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0067-0001-SO**

Lab Sample ID: 240-18544-5 Date Sampled: 12/06/2012 1020
Client Matrix: Solid % Moisture: 10.1 Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223015.D
Dilution:	4.0			Initial Weight/Volume:	30.15 g
Analysis Date:	12/23/2012 1620			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		83		15	30
Acenaphthylene		15	U	15	30
Anthracene		15	U	15	30
Benzo[a]anthracene		15	U	15	30
Benzo[a]pyrene		15	U	15	30
Benzo[b]fluoranthene		15	U	15	30
Benzo[g,h,i]perylene		15	U	15	30
Benzoic acid		1500	U	1500	2900
Benzo[k]fluoranthene		15	U	15	30
Benzyl alcohol		120	U	93	1500
Bis(2-chloroethoxy)methane		120	U	97	440
Bis(2-chloroethyl)ether		15	U	8.9	440
bis (2-chloroisopropyl) ether		120	U	42	440
Bis(2-ethylhexyl) phthalate		120	U	84	220
4-Bromophenyl phenyl ether		120	U	58	220
Butyl benzyl phthalate		120	U	44	220
Carbazole		120	U	120	220
4-Chloroaniline		120	U	75	660
4-Chloro-3-methylphenol		120	U	93	660
2-Chloronaphthalene		15	U	15	220
2-Chlorophenol		120	U	120	220
4-Chlorophenyl phenyl ether		120	U	58	220
Chrysene		15	U	4.9	30
Dibenz(a,h)anthracene		15	U	15	30
Dibenzofuran		100	J	15	220
1,2-Dichlorobenzene		120	U	43	220
1,3-Dichlorobenzene		120	U	49	220
1,4-Dichlorobenzene		120	U	89	220
3,3'-Dichlorobenzidine		350	U	80	440
2,4-Dichlorophenol		120	U	89	660
Diethyl phthalate		120	U	71	220
2,4-Dimethylphenol		350	U	89	660
Dimethyl phthalate		120	U	75	220
Di-n-butyl phthalate		120	U	66	220
4,6-Dinitro-2-methylphenol		350	U	350	660
2,4-Dinitrophenol		350	U	350	1500
2,4-Dinitrotoluene		120	U	120	890
2,6-Dinitrotoluene		120	U	93	890
Di-n-octyl phthalate		120	U	120	220
Fluoranthene		15	U	15	30
Fluorene		15	U	15	30
Hexachlorobenzene		15	U	9.3	30
Hexachlorobutadiene		120	U	120	220
Hexachlorocyclopentadiene		120	U	120	1500
Hexachloroethane		120	U	40	220
Indeno[1,2,3-cd]pyrene		15	U	15	30

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0067-0001-SO**

Lab Sample ID: 240-18544-5 Date Sampled: 12/06/2012 1020
Client Matrix: Solid % Moisture: 10.1 Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223015.D
Dilution:	4.0			Initial Weight/Volume:	30.15 g
Analysis Date:	12/23/2012 1620			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		120	U	58	220
2-Methylnaphthalene		15	U	15	30
2-Methylphenol		350	U	350	890
3 & 4 Methylphenol		350	U	89	1800
Naphthalene		15	U	15	30
2-Nitroaniline		120	U	40	890
3-Nitroaniline		350	U	71	890
4-Nitroaniline		120	U	120	890
Nitrobenzene		15	U	9.7	440
2-Nitrophenol		120	U	120	220
4-Nitrophenol		350	U	350	1500
N-Nitrosodi-n-propylamine		120	U	120	220
N-Nitrosodiphenylamine		120	U	93	220
Pentachlorophenol		350	U	350	660
Phenanthrene		15	U	15	30
Phenol		120	U	120	220
Pyrene		20	J	15	30
1,2,4-Trichlorobenzene		120	U	120	220
2,4,5-Trichlorophenol		120	U	110	660
2,4,6-Trichlorophenol		350	U	350	660

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	48		45 - 105
2-Fluorophenol (Surr)	54		35 - 105
Nitrobenzene-d5 (Surr)	40		35 - 100
Phenol-d5 (Surr)	56		40 - 100
Terphenyl-d14 (Surr)	60		30 - 125
2,4,6-Tribromophenol (Surr)	55		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0068-0001-SO**

Lab Sample ID: 240-18544-6 Date Sampled: 12/06/2012 0928
Client Matrix: Solid % Moisture: 9.7 Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21224026.D
Dilution:	1.0			Initial Weight/Volume:	30.42 g
Analysis Date:	12/24/2012 1835			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.6	U	3.6	7.3
Acenaphthylene		3.6	U	3.6	7.3
Anthracene		3.6	U	3.6	7.3
Benzo[a]anthracene		3.6	U	3.6	7.3
Benzo[a]pyrene		3.6	U	3.6	7.3
Benzo[b]fluoranthene		3.6	U	3.6	7.3
Benzo[g,h,i]perylene		3.6	U	3.6	7.3
Benzoic acid		360	U	360	720
Benzo[k]fluoranthene		3.6	U	3.6	7.3
Benzyl alcohol		29	U	23	360
Bis(2-chloroethoxy)methane		29	U	24	110
Bis(2-chloroethyl)ether		3.6	U	2.2	110
bis (2-chloroisopropyl) ether		29	U	10	110
Bis(2-ethylhexyl) phthalate		22	J B	21	55
4-Bromophenyl phenyl ether		29	U	14	55
Butyl benzyl phthalate		29	U	11	55
Carbazole		29	U	29	55
4-Chloroaniline		29	U	19	160
4-Chloro-3-methylphenol		29	U	23	160
2-Chloronaphthalene		3.6	U	3.6	55
2-Chlorophenol		29	U	29	55
4-Chlorophenyl phenyl ether		29	U	14	55
Chrysene		3.6	U	1.2	7.3
Dibenz(a,h)anthracene		3.6	U	3.6	7.3
Dibenzofuran		3.6	U	3.6	55
1,2-Dichlorobenzene		29	U	11	55
1,3-Dichlorobenzene		29	U	12	55
1,4-Dichlorobenzene		29	U	22	55
3,3'-Dichlorobenzidine		87	U	20	110
2,4-Dichlorophenol		29	U	22	160
Diethyl phthalate		29	U	17	55
2,4-Dimethylphenol		87	U	22	160
Dimethyl phthalate		29	U	19	55
Di-n-butyl phthalate		29	U	16	55
4,6-Dinitro-2-methylphenol		87	U	87	160
2,4-Dinitrophenol		87	U	87	360
2,4-Dinitrotoluene		29	U	29	220
2,6-Dinitrotoluene		29	U	23	220
Di-n-octyl phthalate		29	U	29	55
Fluoranthene		3.6	U	3.6	7.3
Fluorene		3.6	U	3.6	7.3
Hexachlorobenzene		3.6	U	2.3	7.3
Hexachlorobutadiene		29	U	29	55
Hexachlorocyclopentadiene		29	U	29	360
Hexachloroethane		29	U	9.8	55
Indeno[1,2,3-cd]pyrene		3.6	U	3.6	7.3

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0068-0001-SO**

Lab Sample ID: 240-18544-6 Date Sampled: 12/06/2012 0928
Client Matrix: Solid % Moisture: 9.7 Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21224026.D
Dilution:	1.0			Initial Weight/Volume:	30.42 g
Analysis Date:	12/24/2012 1835			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		29	U	14	55
2-Methylnaphthalene		3.6	U	3.6	7.3
2-Methylphenol		87	U	87	220
3 & 4 Methylphenol		87	U	22	440
Naphthalene		3.6	U	3.6	7.3
2-Nitroaniline		29	U	9.9	220
3-Nitroaniline		87	U	17	220
4-Nitroaniline		29	U	28	220
Nitrobenzene		3.6	U	2.4	110
2-Nitrophenol		29	U	29	55
4-Nitrophenol		87	U	87	360
N-Nitrosodi-n-propylamine		29	U	29	55
N-Nitrosodiphenylamine		29	U	23	55
Pentachlorophenol		87	U	87	160
Phenanthrene		3.6	U	3.6	7.3
Phenol		29	U	29	55
Pyrene		3.6	U	3.6	7.3
1,2,4-Trichlorobenzene		29	U	29	55
2,4,5-Trichlorophenol		29	U	27	160
2,4,6-Trichlorophenol		87	U	87	160

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	50		45 - 105
2-Fluorophenol (Surr)	66		35 - 105
Nitrobenzene-d5 (Surr)	49		35 - 100
Phenol-d5 (Surr)	64		40 - 100
Terphenyl-d14 (Surr)	57		30 - 125
2,4,6-Tribromophenol (Surr)	45		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0090M-0001-SO**

Lab Sample ID: 240-18544-7 Date Sampled: 12/06/2012 1440
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223012.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.13 g
Analysis Date:	12/23/2012 1509			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		3.3	U	3.3	6.6
Benzo[a]anthracene		3.3	U	3.3	6.6
Benzo[a]pyrene		3.3	U	3.3	6.6
Benzo[b]fluoranthene		3.3	U	3.3	6.6
Benzo[g,h,i]perylene		3.3	U	3.3	6.6
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		3.3	U	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		25	J B	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U J	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.6
Fluorene		3.3	U	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0090M-0001-SO**

Lab Sample ID: 240-18544-7 Date Sampled: 12/06/2012 1440
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223012.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.13 g
Analysis Date:	12/23/2012 1509			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.6
Isophorone		27	U	13	50
2-Methylnaphthalene		3.3	U	3.3	6.6
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		3.3	J	3.3	6.6
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U J	80	150
Phenanthrene		3.3	U	3.3	6.6
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		45 - 105
2-Fluorophenol (Surr)	64		35 - 105
Nitrobenzene-d5 (Surr)	51		35 - 100
Phenol-d5 (Surr)	66		40 - 100
Terphenyl-d14 (Surr)	60		30 - 125
2,4,6-Tribromophenol (Surr)	64		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0091M-0001-SO**

Lab Sample ID: 240-18544-8 Date Sampled: 12/06/2012 1440
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223006.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.12 g
Analysis Date:	12/23/2012 1249			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		3.3	U	3.3	6.6
Benzo[a]anthracene		3.3	U	3.3	6.6
Benzo[a]pyrene		3.3	U	3.3	6.6
Benzo[b]fluoranthene		3.3	U	3.3	6.6
Benzo[g,h,i]perylene		3.3	U	3.3	6.6
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		3.3	U	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		22	J B	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U J	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.6
Fluorene		3.3	U	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0091M-0001-SO**

Lab Sample ID: 240-18544-8 Date Sampled: 12/06/2012 1440
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223006.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.12 g
Analysis Date:	12/23/2012 1249			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.6
Isophorone		27	U	13	50
2-Methylnaphthalene		3.3	U	3.3	6.6
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		3.3	U	3.3	6.6
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		3.3	U	3.3	6.6
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	56		45 - 105
2-Fluorophenol (Surr)	71		35 - 105
Nitrobenzene-d5 (Surr)	53		35 - 100
Phenol-d5 (Surr)	70		40 - 100
Terphenyl-d14 (Surr)	65		30 - 125
2,4,6-Tribromophenol (Surr)	69		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0092-0001-SO**

Lab Sample ID: 240-18544-10 Date Sampled: 12/06/2012 1325
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223017.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.40 g
Analysis Date:	12/23/2012 1706			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		3.3	U	3.3	6.6
Benzo[a]anthracene		3.3	U	3.3	6.6
Benzo[a]pyrene		3.3	U	3.3	6.6
Benzo[b]fluoranthene		3.3	U	3.3	6.6
Benzo[g,h,i]perylene		3.3	U	3.3	6.6
Benzoic acid		330	U	330	650
Benzo[k]fluoranthene		3.3	U	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	99
Bis(2-chloroethyl)ether		3.3	U	2.0	99
bis (2-chloroisopropyl) ether		27	U	9.4	99
Bis(2-ethylhexyl) phthalate		30	J B	19	49
4-Bromophenyl phenyl ether		27	U	13	49
Butyl benzyl phthalate		27	U	9.9	49
Carbazole		27	U	27	49
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	49
2-Chlorophenol		27	U	27	49
4-Chlorophenyl phenyl ether		27	U	13	49
Chrysene		3.3	U	1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		3.3	U	3.3	49
1,2-Dichlorobenzene		27	U	9.6	49
1,3-Dichlorobenzene		27	U	11	49
1,4-Dichlorobenzene		27	U	20	49
3,3'-Dichlorobenzidine		79	U	18	99
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	49
2,4-Dimethylphenol		79	U	20	150
Dimethyl phthalate		27	U	17	49
Di-n-butyl phthalate		27	U	15	49
4,6-Dinitro-2-methylphenol		79	U	79	150
2,4-Dinitrophenol		79	U	79	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	49
Fluoranthene		3.3	U	3.3	6.6
Fluorene		3.3	U	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	49
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	8.9	49

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0092-0001-SO**

Lab Sample ID: 240-18544-10 Date Sampled: 12/06/2012 1325
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223017.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.40 g
Analysis Date:	12/23/2012 1706			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.6
Isophorone		27	U	13	49
2-Methylnaphthalene		3.3	J	3.3	6.6
2-Methylphenol		79	U	79	200
3 & 4 Methylphenol		79	U	20	390
Naphthalene		3.3	U	3.3	6.6
2-Nitroaniline		27	U	9.0	200
3-Nitroaniline		79	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	99
2-Nitrophenol		27	U	27	49
4-Nitrophenol		79	U	79	330
N-Nitrosodi-n-propylamine		27	U	27	49
N-Nitrosodiphenylamine		27	U	21	49
Pentachlorophenol		79	U	79	150
Phenanthrene		5.1	J	3.3	6.6
Phenol		27	U	27	49
Pyrene		3.3	U	3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	49
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		79	U	79	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		45 - 105
2-Fluorophenol (Surr)	66		35 - 105
Nitrobenzene-d5 (Surr)	48		35 - 100
Phenol-d5 (Surr)	64		40 - 100
Terphenyl-d14 (Surr)	65		30 - 125
2,4,6-Tribromophenol (Surr)	74		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0093-0001-SO**

Lab Sample ID: 240-18544-11 Date Sampled: 12/06/2012 1325
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223018.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.07 g
Analysis Date:	12/23/2012 1730			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/10/2012 1745				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		3.3	U	3.3	6.7
Benzo[a]anthracene		3.3	U	3.3	6.7
Benzo[a]pyrene		3.3	U	3.3	6.7
Benzo[b]fluoranthene		3.3	U	3.3	6.7
Benzo[g,h,i]perylene		3.3	U	3.3	6.7
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		3.3	U	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		34	J B	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.7
Fluorene		3.3	U	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0093-0001-SO**

Lab Sample ID: 240-18544-11 Date Sampled: 12/06/2012 1325
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223018.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.07 g
Analysis Date:	12/23/2012 1730			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/10/2012 1745				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		3.3	U	3.3	6.7
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		3.3	U	3.3	6.7
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		3.5	J	3.3	6.7
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	52		45 - 105
2-Fluorophenol (Surr)	65		35 - 105
Nitrobenzene-d5 (Surr)	51		35 - 100
Phenol-d5 (Surr)	64		40 - 100
Terphenyl-d14 (Surr)	66		30 - 125
2,4,6-Tribromophenol (Surr)	73		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0094-0001-SO**

Lab Sample ID: 240-18544-12 Date Sampled: 12/06/2012 1335
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223019.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.29 g
Analysis Date:	12/23/2012 1753			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/10/2012 1745				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		3.3	U	3.3	6.6
Benzo[a]anthracene		3.3	U	3.3	6.6
Benzo[a]pyrene		3.3	U	3.3	6.6
Benzo[b]fluoranthene		3.3	U	3.3	6.6
Benzo[g,h,i]perylene		3.3	U	3.3	6.6
Benzoic acid		330	U	330	650
Benzo[k]fluoranthene		3.3	U	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	99
Bis(2-chloroethyl)ether		3.3	U	2.0	99
bis (2-chloroisopropyl) ether		27	U	9.4	99
Bis(2-ethylhexyl) phthalate		27	J B	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	9.9	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.6	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		79	U	18	99
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		79	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		79	U	79	150
2,4-Dinitrophenol		79	U	79	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.6
Fluorene		3.3	U	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	8.9	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0094-0001-SO**

Lab Sample ID: 240-18544-12 Date Sampled: 12/06/2012 1335
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223019.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.29 g
Analysis Date:	12/23/2012 1753			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/10/2012 1745				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.6
Isophorone		27	U	13	50
2-Methylnaphthalene		3.3	U	3.3	6.6
2-Methylphenol		79	U	79	200
3 & 4 Methylphenol		79	U	20	400
Naphthalene		3.3	U	3.3	6.6
2-Nitroaniline		27	U	9.0	200
3-Nitroaniline		79	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	99
2-Nitrophenol		27	U	27	50
4-Nitrophenol		79	U	79	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		79	U	79	150
Phenanthrene		3.3	U	3.3	6.6
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		79	U	79	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	52		45 - 105
2-Fluorophenol (Surr)	69		35 - 105
Nitrobenzene-d5 (Surr)	52		35 - 100
Phenol-d5 (Surr)	67		40 - 100
Terphenyl-d14 (Surr)	59		30 - 125
2,4,6-Tribromophenol (Surr)	67		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0095-0001-SO**

Lab Sample ID: 240-18544-13 Date Sampled: 12/06/2012 1335
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223020.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	29.97 g
Analysis Date:	12/23/2012 1816			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/10/2012 1745				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		3.3	U	3.3	6.7
Benzo[a]anthracene		3.3	U	3.3	6.7
Benzo[a]pyrene		3.3	U	3.3	6.7
Benzo[b]fluoranthene		3.3	U	3.3	6.7
Benzo[g,h,i]perylene		3.3	U	3.3	6.7
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		3.3	U	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		33	J B	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.7
Fluorene		3.3	U	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0095-0001-SO**

Lab Sample ID: 240-18544-13 Date Sampled: 12/06/2012 1335
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223020.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	29.97 g
Analysis Date:	12/23/2012 1816			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/10/2012 1745				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		3.3	U	3.3	6.7
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		3.3	U	3.3	6.7
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		3.6	J	3.3	6.7
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	53		45 - 105
2-Fluorophenol (Surr)	68		35 - 105
Nitrobenzene-d5 (Surr)	52		35 - 100
Phenol-d5 (Surr)	68		40 - 100
Terphenyl-d14 (Surr)	60		30 - 125
2,4,6-Tribromophenol (Surr)	68		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0096-0001-SO**

Lab Sample ID: 240-18544-14 Date Sampled: 12/06/2012 1408
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223021.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	29.89 g
Analysis Date:	12/23/2012 1840			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/10/2012 1745				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		3.3	U	3.3	6.7
Benzo[a]anthracene		3.3	U	3.3	6.7
Benzo[a]pyrene		3.3	U	3.3	6.7
Benzo[b]fluoranthene		3.3	U	3.3	6.7
Benzo[g,h,i]perylene		3.3	U	3.3	6.7
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		3.3	U	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		27	J B	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.7
Fluorene		3.3	U	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0096-0001-SO**

Lab Sample ID: 240-18544-14 Date Sampled: 12/06/2012 1408
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223021.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	29.89 g
Analysis Date:	12/23/2012 1840			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/10/2012 1745				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		3.3	U	3.3	6.7
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		3.3	U	3.3	6.7
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		3.3	U	3.3	6.7
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	46		45 - 105
2-Fluorophenol (Surr)	62		35 - 105
Nitrobenzene-d5 (Surr)	45		35 - 100
Phenol-d5 (Surr)	59		40 - 100
Terphenyl-d14 (Surr)	56		30 - 125
2,4,6-Tribromophenol (Surr)	56		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0097-0001-SO**

Lab Sample ID: 240-18544-15 Date Sampled: 12/06/2012 1408
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223022.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.17 g
Analysis Date:	12/23/2012 1903			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/10/2012 1746				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		3.3	U	3.3	6.6
Benzo[a]anthracene		3.3	U	3.3	6.6
Benzo[a]pyrene		3.3	U	3.3	6.6
Benzo[b]fluoranthene		3.3	U	3.3	6.6
Benzo[g,h,i]perylene		3.3	U	3.3	6.6
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		3.3	U	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	99
Bis(2-chloroethyl)ether		3.3	U	2.0	99
bis (2-chloroisopropyl) ether		27	U	9.4	99
Bis(2-ethylhexyl) phthalate		26	J B	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	9.9	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.6	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	99
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.6
Fluorene		3.3	U	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	8.9	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0097-0001-SO**

Lab Sample ID: 240-18544-15 Date Sampled: 12/06/2012 1408
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223022.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.17 g
Analysis Date:	12/23/2012 1903			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/10/2012 1746				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.6
Isophorone		27	U	13	50
2-Methylnaphthalene		3.3	U	3.3	6.6
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		3.3	U	3.3	6.6
2-Nitroaniline		27	U	9.0	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	99
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		3.3	U	3.3	6.6
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	49		45 - 105
2-Fluorophenol (Surr)	63		35 - 105
Nitrobenzene-d5 (Surr)	49		35 - 100
Phenol-d5 (Surr)	63		40 - 100
Terphenyl-d14 (Surr)	57		30 - 125
2,4,6-Tribromophenol (Surr)	59		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0098-0001-SO**

Lab Sample ID: 240-18544-16 Date Sampled: 12/06/2012 1433
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223023.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.14 g
Analysis Date:	12/23/2012 1927			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/10/2012 1746				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		3.3	U	3.3	6.6
Benzo[a]anthracene		3.3	U	3.3	6.6
Benzo[a]pyrene		3.3	U	3.3	6.6
Benzo[b]fluoranthene		3.3	U	3.3	6.6
Benzo[g,h,i]perylene		3.3	U	3.3	6.6
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		3.3	U	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		36	J B	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.6
Fluorene		3.3	U	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0098-0001-SO**

Lab Sample ID: 240-18544-16 Date Sampled: 12/06/2012 1433
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21223023.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.14 g
Analysis Date:	12/23/2012 1927			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/10/2012 1746				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.6
Isophorone		27	U	13	50
2-Methylnaphthalene		3.3	U	3.3	6.6
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		3.3	U	3.3	6.6
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		3.3	U	3.3	6.6
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	53		45 - 105
2-Fluorophenol (Surr)	66		35 - 105
Nitrobenzene-d5 (Surr)	54		35 - 100
Phenol-d5 (Surr)	68		40 - 100
Terphenyl-d14 (Surr)	59		30 - 125
2,4,6-Tribromophenol (Surr)	47		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0099-0001-SO**

Lab Sample ID: 240-18544-17 Date Sampled: 12/06/2012 1540
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21224023.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.62 g
Analysis Date:	12/24/2012 1725			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.8
Acenaphthylene		3.3	U	3.3	6.8
Anthracene		3.3	U	3.3	6.8
Benzo[a]anthracene		3.3	U	3.3	6.8
Benzo[a]pyrene		3.3	U	3.3	6.8
Benzo[b]fluoranthene		3.3	U	3.3	6.8
Benzo[g,h,i]perylene		3.3	U	3.3	6.8
Benzoic acid		340	U	340	670
Benzo[k]fluoranthene		3.3	U	3.3	6.8
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		36	J B	19	51
4-Bromophenyl phenyl ether		27	U	13	51
Butyl benzyl phthalate		27	U	10	51
Carbazole		27	U	27	51
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	51
2-Chlorophenol		27	U	27	51
4-Chlorophenyl phenyl ether		27	U	13	51
Chrysene		3.3	U	1.1	6.8
Dibenz(a,h)anthracene		3.3	U	3.3	6.8
Dibenzofuran		3.3	U	3.3	51
1,2-Dichlorobenzene		27	U	9.8	51
1,3-Dichlorobenzene		27	U	11	51
1,4-Dichlorobenzene		27	U	20	51
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	51
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	51
Di-n-butyl phthalate		27	U	15	51
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	51
Fluoranthene		3.3	U	3.3	6.8
Fluorene		3.3	U	3.3	6.8
Hexachlorobenzene		3.3	U	2.1	6.8
Hexachlorobutadiene		27	U	27	51
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	51

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0099-0001-SO**

Lab Sample ID: 240-18544-17 Date Sampled: 12/06/2012 1540
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69176	Lab File ID:	21224023.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.62 g
Analysis Date:	12/24/2012 1725			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.8
Isophorone		27	U	13	51
2-Methylnaphthalene		4.2	J	3.3	6.8
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	410
Naphthalene		5.1	J	3.3	6.8
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	51
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	51
N-Nitrosodiphenylamine		27	U	21	51
Pentachlorophenol		81	U	81	150
Phenanthrene		3.3	U	3.3	6.8
Phenol		27	U	27	51
Pyrene		3.3	U	3.3	6.8
1,2,4-Trichlorobenzene		27	U	27	51
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	56		45 - 105
2-Fluorophenol (Surr)	72		35 - 105
Nitrobenzene-d5 (Surr)	56		35 - 100
Phenol-d5 (Surr)	71		40 - 100
Terphenyl-d14 (Surr)	63		30 - 125
2,4,6-Tribromophenol (Surr)	71		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0078-0001-SO**

Lab Sample ID: 240-18544-18 Date Sampled: 12/06/2012 0930
Client Matrix: Solid % Moisture: 8.3 Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224020.D
Dilution:	1.0			Initial Weight/Volume:	29.67 g
Analysis Date:	12/24/2012 1615			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.6	U	3.6	7.4
Acenaphthylene		3.6	U	3.6	7.4
Anthracene		3.6	U	3.6	7.4
Benzo[a]anthracene		3.6	U	3.6	7.4
Benzo[a]pyrene		3.6	U	3.6	7.4
Benzo[b]fluoranthene		4.4	J	3.6	7.4
Benzo[g,h,i]perylene		9.7		3.6	7.4
Benzo[k]fluoranthene		4.7	J M	3.6	7.4
Chrysene		3.6	U	1.2	7.4
Dibenz(a,h)anthracene		3.6	U	3.6	7.4
Fluoranthene		3.7	J	3.6	7.4
Fluorene		3.6	U	3.6	7.4
Indeno[1,2,3-cd]pyrene		3.6	U	3.6	7.4
Naphthalene		3.6	U	3.6	7.4
Phenanthrene		3.6	U	3.6	7.4
Pyrene		4.8	J	3.6	7.4

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	49		45 - 105
2-Fluorophenol (Surr)	64		35 - 105
Nitrobenzene-d5 (Surr)	50		35 - 100
Phenol-d5 (Surr)	61		40 - 100
Terphenyl-d14 (Surr)	62		30 - 125
2,4,6-Tribromophenol (Surr)	57		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0100M-0001-SO**

Lab Sample ID: 240-18544-19 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224006.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.77 g
Analysis Date:	12/24/2012 1047			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		3.3	U	3.3	6.7
Benzo[a]anthracene		3.3	U	3.3	6.7
Benzo[a]pyrene		3.3	U	3.3	6.7
Benzo[b]fluoranthene		3.3	U	3.3	6.7
Benzo[g,h,i]perylene		3.3	U	3.3	6.7
Benzoic acid		340	U	340	670
Benzo[k]fluoranthene		3.3	U	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		21	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U J	9.8	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		81	U J	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U J	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.7
Fluorene		3.3	U	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0100M-0001-SO**

Lab Sample ID: 240-18544-19 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224006.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.77 g
Analysis Date:	12/24/2012 1047			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		5.8	J	3.3	6.7
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	400
Naphthalene		5.8	J	3.3	6.7
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		81	U	81	150
Phenanthrene		3.3	U	3.3	6.7
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	53		45 - 105
2-Fluorophenol (Surr)	65		35 - 105
Nitrobenzene-d5 (Surr)	52		35 - 100
Phenol-d5 (Surr)	65		40 - 100
Terphenyl-d14 (Surr)	59		30 - 125
2,4,6-Tribromophenol (Surr)	58		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0101M-0001-SO**

Lab Sample ID: 240-18544-20 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224014.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.82 g
Analysis Date:	12/24/2012 1354			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		3.3	U	3.3	6.7
Benzo[a]anthracene		3.3	U	3.3	6.7
Benzo[a]pyrene		3.3	U	3.3	6.7
Benzo[b]fluoranthene		3.3	U	3.3	6.7
Benzo[g,h,i]perylene		3.3	U	3.3	6.7
Benzoic acid		340	U	340	660
Benzo[k]fluoranthene		3.3	U	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		23	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.8	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.7
Fluorene		3.3	U	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0101M-0001-SO**

Lab Sample ID: 240-18544-20 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224014.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.82 g
Analysis Date:	12/24/2012 1354			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		5.0	J	3.3	6.7
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		5.6	J	3.3	6.7
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		3.3	U	3.3	6.7
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	52		45 - 105
2-Fluorophenol (Surr)	65		35 - 105
Nitrobenzene-d5 (Surr)	54		35 - 100
Phenol-d5 (Surr)	66		40 - 100
Terphenyl-d14 (Surr)	61		30 - 125
2,4,6-Tribromophenol (Surr)	52		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0102M-0001-SO**

Lab Sample ID: 240-18544-21 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224013.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.76 g
Analysis Date:	12/24/2012 1331			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		3.3	U	3.3	6.7
Benzo[a]anthracene		3.3	U	3.3	6.7
Benzo[a]pyrene		3.3	U	3.3	6.7
Benzo[b]fluoranthene		3.3	U	3.3	6.7
Benzo[g,h,i]perylene		3.3	U	3.3	6.7
Benzoic acid		340	U	340	670
Benzo[k]fluoranthene		3.3	U	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		27	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.8	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.7
Fluorene		3.3	U	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0102M-0001-SO**

Lab Sample ID: 240-18544-21 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224013.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.76 g
Analysis Date:	12/24/2012 1331			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		4.9	J	3.3	6.7
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	400
Naphthalene		4.8	J	3.3	6.7
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		81	U	81	150
Phenanthrene		3.3	U	3.3	6.7
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	52		45 - 105
2-Fluorophenol (Surr)	65		35 - 105
Nitrobenzene-d5 (Surr)	49		35 - 100
Phenol-d5 (Surr)	66		40 - 100
Terphenyl-d14 (Surr)	59		30 - 125
2,4,6-Tribromophenol (Surr)	61		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0103M-0001-SO**

Lab Sample ID: 240-18544-22 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224012.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.14 g
Analysis Date:	12/24/2012 1307			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		3.3	U	3.3	6.6
Benzo[a]anthracene		3.3	U	3.3	6.6
Benzo[a]pyrene		3.3	U	3.3	6.6
Benzo[b]fluoranthene		3.3	U	3.3	6.6
Benzo[g,h,i]perylene		3.3	U	3.3	6.6
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		3.3	U	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		20	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.6
Fluorene		3.3	U	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0103M-0001-SO**

Lab Sample ID: 240-18544-22 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224012.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.14 g
Analysis Date:	12/24/2012 1307			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.6
Isophorone		27	U	13	50
2-Methylnaphthalene		3.7	J	3.3	6.6
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		4.7	J	3.3	6.6
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		3.7	J	3.3	6.6
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	48		45 - 105
2-Fluorophenol (Surr)	62		35 - 105
Nitrobenzene-d5 (Surr)	46		35 - 100
Phenol-d5 (Surr)	62		40 - 100
Terphenyl-d14 (Surr)	58		30 - 125
2,4,6-Tribromophenol (Surr)	61		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0104M-0001-SO**

Lab Sample ID: 240-18544-23 Date Sampled: 12/06/2012 1635
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224011.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.85 g
Analysis Date:	12/24/2012 1244			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		3.3	U	3.3	6.7
Benzo[a]anthracene		3.3	U	3.3	6.7
Benzo[a]pyrene		3.3	U	3.3	6.7
Benzo[b]fluoranthene		3.3	U	3.3	6.7
Benzo[g,h,i]perylene		3.3	U	3.3	6.7
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		3.3	U	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		22	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.7
Fluorene		3.3	U	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0104M-0001-SO**

Lab Sample ID: 240-18544-23 Date Sampled: 12/06/2012 1635
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224011.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.85 g
Analysis Date:	12/24/2012 1244			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		4.2	J	3.3	6.7
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		3.3	U	3.3	6.7
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		4.1	J	3.3	6.7
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	53		45 - 105
2-Fluorophenol (Surr)	61		35 - 105
Nitrobenzene-d5 (Surr)	51		35 - 100
Phenol-d5 (Surr)	66		40 - 100
Terphenyl-d14 (Surr)	60		30 - 125
2,4,6-Tribromophenol (Surr)	59		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0105M-0001-SO**

Lab Sample ID: 240-18544-24 Date Sampled: 12/06/2012 1635
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224010.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.30 g
Analysis Date:	12/24/2012 1221			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		3.3	U	3.3	6.6
Benzo[a]anthracene		3.3	U	3.3	6.6
Benzo[a]pyrene		3.3	U	3.3	6.6
Benzo[b]fluoranthene		3.3	U	3.3	6.6
Benzo[g,h,i]perylene		3.3	U	3.3	6.6
Benzoic acid		330	U	330	650
Benzo[k]fluoranthene		3.3	U	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	99
Bis(2-chloroethyl)ether		3.3	U	2.0	99
bis (2-chloroisopropyl) ether		27	U	9.4	99
Bis(2-ethylhexyl) phthalate		26	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	9.9	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.6	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		79	U	18	99
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		79	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		79	U	79	150
2,4-Dinitrophenol		79	U	79	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.6
Fluorene		3.3	U	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	8.9	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0105M-0001-SO**

Lab Sample ID: 240-18544-24 Date Sampled: 12/06/2012 1635
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224010.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.30 g
Analysis Date:	12/24/2012 1221			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.6
Isophorone		27	U	13	50
2-Methylnaphthalene		4.7	J	3.3	6.6
2-Methylphenol		79	U	79	200
3 & 4 Methylphenol		79	U	20	400
Naphthalene		6.3	J	3.3	6.6
2-Nitroaniline		27	U	9.0	200
3-Nitroaniline		79	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	99
2-Nitrophenol		27	U	27	50
4-Nitrophenol		79	U	79	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		79	U	79	150
Phenanthrene		3.3	U	3.3	6.6
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		79	U	79	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		45 - 105
2-Fluorophenol (Surr)	60		35 - 105
Nitrobenzene-d5 (Surr)	49		35 - 100
Phenol-d5 (Surr)	65		40 - 100
Terphenyl-d14 (Surr)	61		30 - 125
2,4,6-Tribromophenol (Surr)	63		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0106M-0001-SO**

Lab Sample ID: 240-18544-25 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224009.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.28 g
Analysis Date:	12/24/2012 1157			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		3.3	U	3.3	6.6
Benzo[a]anthracene		3.3	U	3.3	6.6
Benzo[a]pyrene		3.3	U	3.3	6.6
Benzo[b]fluoranthene		3.3	U	3.3	6.6
Benzo[g,h,i]perylene		3.3	U	3.3	6.6
Benzoic acid		330	U	330	650
Benzo[k]fluoranthene		3.3	U	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	99
Bis(2-chloroethyl)ether		3.3	U	2.0	99
bis (2-chloroisopropyl) ether		27	U	9.4	99
Bis(2-ethylhexyl) phthalate		25	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	9.9	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.6	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		79	U	18	99
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		79	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		79	U	79	150
2,4-Dinitrophenol		79	U	79	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.6
Fluorene		3.3	U	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	8.9	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0106M-0001-SO**

Lab Sample ID: 240-18544-25 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224009.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.28 g
Analysis Date:	12/24/2012 1157			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.6
Isophorone		33	J	13	50
2-Methylnaphthalene		4.2	J	3.3	6.6
2-Methylphenol		79	U	79	200
3 & 4 Methylphenol		79	U	20	400
Naphthalene		4.5	J	3.3	6.6
2-Nitroaniline		27	U	9.0	200
3-Nitroaniline		79	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	99
2-Nitrophenol		27	U	27	50
4-Nitrophenol		79	U	79	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		79	U	79	150
Phenanthrene		3.3	U	3.3	6.6
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		79	U	79	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	57		45 - 105
2-Fluorophenol (Surr)	49		35 - 105
Nitrobenzene-d5 (Surr)	57		35 - 100
Phenol-d5 (Surr)	67		40 - 100
Terphenyl-d14 (Surr)	62		30 - 125
2,4,6-Tribromophenol (Surr)	22	Q	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0106M-0001-SO**

Lab Sample ID: 240-18544-25 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-70566	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-70267	Lab File ID:	21229012.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.23 g
Analysis Date:	12/29/2012 1620	Run Type:	RE	Final Weight/Volume:	2 mL
Prep Date:	12/27/2012 1143			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U H	3.3	6.6
Acenaphthylene		3.3	U H	3.3	6.6
Anthracene		3.3	U H	3.3	6.6
Benzo[a]anthracene		3.3	U H	3.3	6.6
Benzo[a]pyrene		3.3	U H	3.3	6.6
Benzo[b]fluoranthene		3.3	U H	3.3	6.6
Benzo[g,h,i]perylene		3.3	U H	3.3	6.6
Benzoic acid		330	U H	330	650
Benzo[k]fluoranthene		3.3	U H	3.3	6.6
Benzyl alcohol		27	U H	21	330
Bis(2-chloroethoxy)methane		27	U H	22	99
Bis(2-chloroethyl)ether		3.3	U H	2.0	99
bis (2-chloroisopropyl) ether		27	U H	9.4	99
Bis(2-ethylhexyl) phthalate		21	J H	19	50
4-Bromophenyl phenyl ether		27	U H	13	50
Butyl benzyl phthalate		27	U H	9.9	50
Carbazole		27	U H	27	50
4-Chloroaniline		27	U H	17	150
4-Chloro-3-methylphenol		27	U H	21	150
2-Chloronaphthalene		3.3	U H	3.3	50
2-Chlorophenol		27	U H	27	50
4-Chlorophenyl phenyl ether		27	U H	13	50
Chrysene		3.3	U H	1.1	6.6
Dibenz(a,h)anthracene		3.3	U H	3.3	6.6
Dibenzofuran		3.3	U H	3.3	50
1,2-Dichlorobenzene		27	U H	9.6	50
1,3-Dichlorobenzene		27	U H	11	50
1,4-Dichlorobenzene		27	U H	20	50
3,3'-Dichlorobenzidine		79	U H	18	99
2,4-Dichlorophenol		27	U H	20	150
Diethyl phthalate		27	U H	16	50
2,4-Dimethylphenol		79	U H	20	150
Dimethyl phthalate		27	U H	17	50
Di-n-butyl phthalate		27	U H	15	50
4,6-Dinitro-2-methylphenol		79	U H	79	150
2,4-Dinitrophenol		79	U H	79	330
2,4-Dinitrotoluene		27	U H	27	200
2,6-Dinitrotoluene		27	U H	21	200
Di-n-octyl phthalate		27	U H	27	50
Fluoranthene		3.3	U H	3.3	6.6
Fluorene		3.3	U H	3.3	6.6
Hexachlorobenzene		3.3	U H	2.1	6.6
Hexachlorobutadiene		27	U H	27	50
Hexachlorocyclopentadiene		27	U H	27	330
Hexachloroethane		27	U H	8.9	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0106M-0001-SO**

Lab Sample ID: 240-18544-25 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-70566	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-70267	Lab File ID:	21229012.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.23 g
Analysis Date:	12/29/2012 1620	Run Type:	RE	Final Weight/Volume:	2 mL
Prep Date:	12/27/2012 1143			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U H	3.3	6.6
Isophorone		27	U H	13	50
2-Methylnaphthalene		4.6	J H	3.3	6.6
2-Methylphenol		79	U H	79	200
3 & 4 Methylphenol		79	U H	20	400
Naphthalene		5.7	J H	3.3	6.6
2-Nitroaniline		27	U H	9.0	200
3-Nitroaniline		79	U H	16	200
4-Nitroaniline		27	U H	26	200
Nitrobenzene		3.3	U H	2.2	99
2-Nitrophenol		27	U H	27	50
4-Nitrophenol		79	U H	79	330
N-Nitrosodi-n-propylamine		27	U H	27	50
N-Nitrosodiphenylamine		27	U H	21	50
Pentachlorophenol		79	U H	79	150
Phenanthrene		3.3	U H	3.3	6.6
Phenol		27	U H	27	50
Pyrene		3.3	U H	3.3	6.6
1,2,4-Trichlorobenzene		27	U H	27	50
2,4,5-Trichlorophenol		27	U H	25	150
2,4,6-Trichlorophenol		79	U H	79	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	60		45 - 105
2-Fluorophenol (Surr)	72		35 - 105
Nitrobenzene-d5 (Surr)	65		35 - 100
Phenol-d5 (Surr)	82		40 - 100
Terphenyl-d14 (Surr)	70		30 - 125
2,4,6-Tribromophenol (Surr)	53		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0107M-0001-SO**

Lab Sample ID: 240-18544-26 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224016.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.03 g
Analysis Date:	12/24/2012 1441			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		3.3	U	3.3	6.7
Benzo[a]anthracene		3.3	U	3.3	6.7
Benzo[a]pyrene		3.3	U	3.3	6.7
Benzo[b]fluoranthene		3.3	U	3.3	6.7
Benzo[g,h,i]perylene		3.3	U	3.3	6.7
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		3.3	U	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		25	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.7
Fluorene		3.3	U	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0107M-0001-SO**

Lab Sample ID: 240-18544-26 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224016.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.03 g
Analysis Date:	12/24/2012 1441			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		4.7	J	3.3	6.7
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		3.3	U	3.3	6.7
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		3.3	U	3.3	6.7
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	56		45 - 105
2-Fluorophenol (Surr)	60		35 - 105
Nitrobenzene-d5 (Surr)	57		35 - 100
Phenol-d5 (Surr)	71		40 - 100
Terphenyl-d14 (Surr)	65		30 - 125
2,4,6-Tribromophenol (Surr)	50		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0108M-0001-SO**

Lab Sample ID: 240-18544-27 Date Sampled: 12/06/2012 1550
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224015.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.06 g
Analysis Date:	12/24/2012 1418			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		3.3	U	3.3	6.7
Benzo[a]anthracene		3.3	U	3.3	6.7
Benzo[a]pyrene		3.3	U	3.3	6.7
Benzo[b]fluoranthene		3.3	U	3.3	6.7
Benzo[g,h,i]perylene		3.3	U	3.3	6.7
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		3.3	U	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		19	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.7
Fluorene		3.3	U	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0108M-0001-SO**

Lab Sample ID: 240-18544-27 Date Sampled: 12/06/2012 1550
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224015.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.06 g
Analysis Date:	12/24/2012 1418			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		4.8	J	3.3	6.7
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		3.3	U	3.3	6.7
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		3.3	U	3.3	6.7
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	50		45 - 105
2-Fluorophenol (Surr)	57		35 - 105
Nitrobenzene-d5 (Surr)	48		35 - 100
Phenol-d5 (Surr)	62		40 - 100
Terphenyl-d14 (Surr)	56		30 - 125
2,4,6-Tribromophenol (Surr)	42		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0109M-0001-SO**

Lab Sample ID: 240-18544-28 Date Sampled: 12/06/2012 1605
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224017.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.78 g
Analysis Date:	12/24/2012 1504			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		3.3	U	3.3	6.7
Benzo[a]anthracene		3.3	U	3.3	6.7
Benzo[a]pyrene		3.3	U	3.3	6.7
Benzo[b]fluoranthene		3.3	U	3.3	6.7
Benzo[g,h,i]perylene		3.3	U	3.3	6.7
Benzoic acid		340	U	340	660
Benzo[k]fluoranthene		3.3	U	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		21	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.8	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		3.3	U	3.3	6.7
Fluorene		3.3	U	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0109M-0001-SO**

Lab Sample ID: 240-18544-28 Date Sampled: 12/06/2012 1605
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224017.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.78 g
Analysis Date:	12/24/2012 1504			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		5.0	J	3.3	6.7
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	400
Naphthalene		5.4	J	3.3	6.7
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		81	U	81	150
Phenanthrene		3.3	U	3.3	6.7
Phenol		27	U	27	50
Pyrene		3.3	U	3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	56		45 - 105
2-Fluorophenol (Surr)	63		35 - 105
Nitrobenzene-d5 (Surr)	58		35 - 100
Phenol-d5 (Surr)	69		40 - 100
Terphenyl-d14 (Surr)	64		30 - 125
2,4,6-Tribromophenol (Surr)	59		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0110M-0001-SO**

Lab Sample ID: 240-18544-29 Date Sampled: 12/06/2012 1704
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224022.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.16 g
Analysis Date:	12/24/2012 1701			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		3.3	U	3.3	6.6
Benzo[a]anthracene		21		3.3	6.6
Benzo[a]pyrene		20		3.3	6.6
Benzo[b]fluoranthene		30	M	3.3	6.6
Benzo[g,h,i]perylene		12	M	3.3	6.6
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		7.7	M	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	99
Bis(2-chloroethyl)ether		3.3	U	2.0	99
bis (2-chloroisopropyl) ether		27	U	9.4	99
Bis(2-ethylhexyl) phthalate		36	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	9.9	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		20		1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		3.4	J	3.3	50
1,2-Dichlorobenzene		27	U	9.6	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	99
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		22		3.3	6.6
Fluorene		3.3	U	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0110M-0001-SO**

Lab Sample ID: 240-18544-29 Date Sampled: 12/06/2012 1704
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224022.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.16 g
Analysis Date:	12/24/2012 1701			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		12		3.3	6.6
Isophorone		27	U	13	50
2-Methylnaphthalene		10		3.3	6.6
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		8.7		3.3	6.6
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	99
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		3.3	U	3.3	6.6
Phenol		27	U	27	50
Pyrene		20		3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	54		45 - 105
2-Fluorophenol (Surr)	64		35 - 105
Nitrobenzene-d5 (Surr)	56		35 - 100
Phenol-d5 (Surr)	73		40 - 100
Terphenyl-d14 (Surr)	62		30 - 125
2,4,6-Tribromophenol (Surr)	65		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0111M-0001-SO**

Lab Sample ID: 240-18544-30 Date Sampled: 12/06/2012 1704
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224021.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.12 g
Analysis Date:	12/24/2012 1638			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		13		3.3	6.6
Benzo[a]anthracene		31		3.3	6.6
Benzo[a]pyrene		23		3.3	6.6
Benzo[b]fluoranthene		32		3.3	6.6
Benzo[g,h,i]perylene		15		3.3	6.6
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		10	M	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		23	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		28		1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		8.5	J	3.3	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		64		3.3	6.6
Fluorene		7.4		3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0111M-0001-SO**

Lab Sample ID: 240-18544-30 Date Sampled: 12/06/2012 1704
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224021.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.12 g
Analysis Date:	12/24/2012 1638			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		14		3.3	6.6
Isophorone		27	U	13	50
2-Methylnaphthalene		13		3.3	6.6
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		12		3.3	6.6
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		60		3.3	6.6
Phenol		27	U	27	50
Pyrene		50		3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		45 - 105
2-Fluorophenol (Surr)	59		35 - 105
Nitrobenzene-d5 (Surr)	50		35 - 100
Phenol-d5 (Surr)	64		40 - 100
Terphenyl-d14 (Surr)	55		30 - 125
2,4,6-Tribromophenol (Surr)	58		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0112M-0001-SO**

Lab Sample ID: 240-18544-31 Date Sampled: 12/06/2012 1725
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-70078	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21226015.D
Dilution:	20	Leach Batch:	240-68436	Initial Weight/Volume:	30.42 g
Analysis Date:	12/26/2012 1418			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		65	U	65	130
Acenaphthylene		65	U	65	130
Anthracene		65	U	65	130
Benzo[a]anthracene		200	D	65	130
Benzo[a]pyrene		140	D	65	130
Benzo[b]fluoranthene		190	D	65	130
Benzo[g,h,i]perylene		120	J D M	65	130
Benzoic acid		6600	U	6600	13000
Benzo[k]fluoranthene		110	J D M	65	130
Benzyl alcohol		530	U	410	6500
Bis(2-chloroethoxy)methane		530	U	430	2000
Bis(2-chloroethyl)ether		65	U	39	2000
bis (2-chloroisopropyl) ether		530	U	190	2000
Bis(2-ethylhexyl) phthalate		530	U	370	990
4-Bromophenyl phenyl ether		530	U	260	990
Butyl benzyl phthalate		530	U	200	990
Carbazole		530	U	530	990
4-Chloroaniline		530	U	340	3000
4-Chloro-3-methylphenol		530	U	410	3000
2-Chloronaphthalene		65	U	65	990
2-Chlorophenol		530	U	530	990
4-Chlorophenyl phenyl ether		530	U	260	990
Chrysene		160	D	22	130
Dibenz(a,h)anthracene		65	U	65	130
Dibenzofuran		65	U	65	990
1,2-Dichlorobenzene		530	U	190	990
1,3-Dichlorobenzene		530	U	220	990
1,4-Dichlorobenzene		530	U	390	990
3,3'-Dichlorobenzidine		1600	U	360	2000
2,4-Dichlorophenol		530	U	390	3000
Diethyl phthalate		530	U	320	990
2,4-Dimethylphenol		1600	U	390	3000
Dimethyl phthalate		530	U	340	990
Di-n-butyl phthalate		530	U	300	990
4,6-Dinitro-2-methylphenol		1600	U	1600	3000
2,4-Dinitrophenol		1600	U	1600	6500
2,4-Dinitrotoluene		530	U	530	3900
2,6-Dinitrotoluene		530	U	410	3900
Di-n-octyl phthalate		530	U	530	990
Fluoranthene		410	D	65	130
Fluorene		65	U	65	130
Hexachlorobenzene		65	U	41	130
Hexachlorobutadiene		530	U	530	990
Hexachlorocyclopentadiene		530	U	530	6500
Hexachloroethane		530	U	180	990

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0112M-0001-SO**

Lab Sample ID: 240-18544-31 Date Sampled: 12/06/2012 1725
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-70078	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21226015.D
Dilution:	20	Leach Batch:	240-68436	Initial Weight/Volume:	30.42 g
Analysis Date:	12/26/2012 1418			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		83	J D M	65	130
Isophorone		530	U	260	990
2-Methylnaphthalene		65	U	65	130
2-Methylphenol		1600	U	1600	3900
3 & 4 Methylphenol		1600	U	390	7900
Naphthalene		65	U	65	130
2-Nitroaniline		530	U	180	3900
3-Nitroaniline		1600	U	320	3900
4-Nitroaniline		530	U	510	3900
Nitrobenzene		65	U	43	2000
2-Nitrophenol		530	U	530	990
4-Nitrophenol		1600	U	1600	6500
N-Nitrosodi-n-propylamine		530	U	530	990
N-Nitrosodiphenylamine		530	U	410	990
Pentachlorophenol		1600	U	1600	3000
Phenanthrene		280	D	65	130
Phenol		530	U	530	990
Pyrene		330	D	65	130
1,2,4-Trichlorobenzene		530	U	530	990
2,4,5-Trichlorophenol		530	U	490	3000
2,4,6-Trichlorophenol		1600	U	1600	3000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	59		45 - 105
2-Fluorophenol (Surr)	79		35 - 105
Nitrobenzene-d5 (Surr)	50		35 - 100
Phenol-d5 (Surr)	76		40 - 100
Terphenyl-d14 (Surr)	63		30 - 125
2,4,6-Tribromophenol (Surr)	51		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0113M-0001-SO**

Lab Sample ID: 240-18544-32 Date Sampled: 12/06/2012 1725
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-70078	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21226014.D
Dilution:	20	Leach Batch:	240-68436	Initial Weight/Volume:	30.11 g
Analysis Date:	12/26/2012 1355			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		66	U	66	130
Acenaphthylene		66	U	66	130
Anthracene		66	U	66	130
Benzo[a]anthracene		270	D	66	130
Benzo[a]pyrene		220	D	66	130
Benzo[b]fluoranthene		270	D M	66	130
Benzo[g,h,i]perylene		140	D	66	130
Benzoic acid		6600	U	6600	13000
Benzo[k]fluoranthene		110	J D M	66	130
Benzyl alcohol		540	U	420	6600
Bis(2-chloroethoxy)methane		540	U	440	2000
Bis(2-chloroethyl)ether		66	U	40	2000
bis (2-chloroisopropyl) ether		540	U	190	2000
Bis(2-ethylhexyl) phthalate		540	U	380	1000
4-Bromophenyl phenyl ether		540	U	260	1000
Butyl benzyl phthalate		540	U	200	1000
Carbazole		540	U	540	1000
4-Chloroaniline		540	U	340	3000
4-Chloro-3-methylphenol		540	U	420	3000
2-Chloronaphthalene		66	U	66	1000
2-Chlorophenol		540	U	540	1000
4-Chlorophenyl phenyl ether		540	U	260	1000
Chrysene		280	D	22	130
Dibenz(a,h)anthracene		66	U	66	130
Dibenzofuran		66	U	66	1000
1,2-Dichlorobenzene		540	U	190	1000
1,3-Dichlorobenzene		540	U	220	1000
1,4-Dichlorobenzene		540	U	400	1000
3,3'-Dichlorobenzidine		1600	U	360	2000
2,4-Dichlorophenol		540	U	400	3000
Diethyl phthalate		540	U	320	1000
2,4-Dimethylphenol		1600	U	400	3000
Dimethyl phthalate		540	U	340	1000
Di-n-butyl phthalate		540	U	300	1000
4,6-Dinitro-2-methylphenol		1600	U	1600	3000
2,4-Dinitrophenol		1600	U	1600	6600
2,4-Dinitrotoluene		540	U	540	4000
2,6-Dinitrotoluene		540	U	420	4000
Di-n-octyl phthalate		540	U	540	1000
Fluoranthene		660	D	66	130
Fluorene		66	U	66	130
Hexachlorobenzene		66	U	42	130
Hexachlorobutadiene		540	U	540	1000
Hexachlorocyclopentadiene		540	U	540	6600
Hexachloroethane		540	U	180	1000

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0113M-0001-SO**

Lab Sample ID: 240-18544-32 Date Sampled: 12/06/2012 1725
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-70078	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21226014.D
Dilution:	20	Leach Batch:	240-68436	Initial Weight/Volume:	30.11 g
Analysis Date:	12/26/2012 1355			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		120	J D	66	130
Isophorone		540	U	260	1000
2-Methylnaphthalene		66	U	66	130
2-Methylphenol		1600	U	1600	4000
3 & 4 Methylphenol		1600	U	400	8000
Naphthalene		66	U	66	130
2-Nitroaniline		540	U	180	4000
3-Nitroaniline		1600	U	320	4000
4-Nitroaniline		540	U	520	4000
Nitrobenzene		66	U	44	2000
2-Nitrophenol		540	U	540	1000
4-Nitrophenol		1600	U	1600	6600
N-Nitrosodi-n-propylamine		540	U	540	1000
N-Nitrosodiphenylamine		540	U	420	1000
Pentachlorophenol		1600	U	1600	3000
Phenanthrene		470	D	66	130
Phenol		540	U	540	1000
Pyrene		510	D	66	130
1,2,4-Trichlorobenzene		540	U	540	1000
2,4,5-Trichlorophenol		540	U	500	3000
2,4,6-Trichlorophenol		1600	U	1600	3000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	62		45 - 105
2-Fluorophenol (Surr)	86		35 - 105
Nitrobenzene-d5 (Surr)	61		35 - 100
Phenol-d5 (Surr)	78		40 - 100
Terphenyl-d14 (Surr)	71		30 - 125
2,4,6-Tribromophenol (Surr)	57		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0114M-0001-SO**

Lab Sample ID: 240-18544-33 Date Sampled: 12/06/2012 1735
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224019.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.78 g
Analysis Date:	12/24/2012 1551			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		4.5	J	3.3	6.7
Benzo[a]anthracene		23		3.3	6.7
Benzo[a]pyrene		23		3.3	6.7
Benzo[b]fluoranthene		35		3.3	6.7
Benzo[g,h,i]perylene		17		3.3	6.7
Benzoic acid		340	U	340	660
Benzo[k]fluoranthene		8.6	M	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		26	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		28		1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		4.2	J	3.3	50
1,2-Dichlorobenzene		27	U	9.8	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		53		3.3	6.7
Fluorene		3.3	U	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0114M-0001-SO**

Lab Sample ID: 240-18544-33 Date Sampled: 12/06/2012 1735
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224019.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.78 g
Analysis Date:	12/24/2012 1551			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		14		3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		8.3		3.3	6.7
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	400
Naphthalene		8.3		3.3	6.7
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		81	U	81	150
Phenanthrene		34		3.3	6.7
Phenol		27	U	27	50
Pyrene		44		3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	47		45 - 105
2-Fluorophenol (Surr)	60		35 - 105
Nitrobenzene-d5 (Surr)	48		35 - 100
Phenol-d5 (Surr)	62		40 - 100
Terphenyl-d14 (Surr)	54		30 - 125
2,4,6-Tribromophenol (Surr)	58		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0115M-0001-SO**

Lab Sample ID: 240-18544-34 Date Sampled: 12/06/2012 1735
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224018.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.43 g
Analysis Date:	12/24/2012 1528			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		9.1		3.3	6.6
Benzo[a]anthracene		33		3.3	6.6
Benzo[a]pyrene		32		3.3	6.6
Benzo[b]fluoranthene		50		3.3	6.6
Benzo[g,h,i]perylene		26		3.3	6.6
Benzoic acid		330	U	330	650
Benzo[k]fluoranthene		19	M	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	99
Bis(2-chloroethyl)ether		3.3	U	2.0	99
bis (2-chloroisopropyl) ether		27	U	9.4	99
Bis(2-ethylhexyl) phthalate		25	J	19	49
4-Bromophenyl phenyl ether		27	U	13	49
Butyl benzyl phthalate		27	U	9.9	49
Carbazole		27	U	27	49
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	49
2-Chlorophenol		27	U	27	49
4-Chlorophenyl phenyl ether		27	U	13	49
Chrysene		39		1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		5.7	J	3.3	49
1,2-Dichlorobenzene		27	U	9.6	49
1,3-Dichlorobenzene		27	U	11	49
1,4-Dichlorobenzene		27	U	20	49
3,3'-Dichlorobenzidine		79	U	18	99
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	49
2,4-Dimethylphenol		79	U	20	150
Dimethyl phthalate		27	U	17	49
Di-n-butyl phthalate		27	U	15	49
4,6-Dinitro-2-methylphenol		79	U	79	150
2,4-Dinitrophenol		79	U	79	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	49
Fluoranthene		79		3.3	6.6
Fluorene		4.5	J	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	49
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	8.9	49

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0115M-0001-SO**

Lab Sample ID: 240-18544-34 Date Sampled: 12/06/2012 1735
Client Matrix: Solid Date Received: 12/07/2012 1755

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69185	Lab File ID:	21224018.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.43 g
Analysis Date:	12/24/2012 1528			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		20		3.3	6.6
Isophorone		27	U	13	49
2-Methylnaphthalene		12		3.3	6.6
2-Methylphenol		79	U	79	200
3 & 4 Methylphenol		79	U	20	390
Naphthalene		11		3.3	6.6
2-Nitroaniline		27	U	9.0	200
3-Nitroaniline		79	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	99
2-Nitrophenol		27	U	27	49
4-Nitrophenol		79	U	79	330
N-Nitrosodi-n-propylamine		27	U	27	49
N-Nitrosodiphenylamine		27	U	21	49
Pentachlorophenol		79	U	79	150
Phenanthrene		52		3.3	6.6
Phenol		27	U	27	49
Pyrene		67		3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	49
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		79	U	79	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	52		45 - 105
2-Fluorophenol (Surr)	66		35 - 105
Nitrobenzene-d5 (Surr)	51		35 - 100
Phenol-d5 (Surr)	67		40 - 100
Terphenyl-d14 (Surr)	61		30 - 125
2,4,6-Tribromophenol (Surr)	69		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0063-0001-SO**

Lab Sample ID: 240-18544-1 Date Sampled: 12/06/2012 0922
Client Matrix: Solid % Moisture: 11.2 Date Received: 12/07/2012 1755

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69142	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69349	Initial Weight/Volume:	6.425 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/19/2012 1219			Injection Volume:	
Prep Date:	12/07/2012 2005			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		44	U	40	88

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	83		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0064-0001-SO**

Lab Sample ID: 240-18544-2 Date Sampled: 12/06/2012 0922
Client Matrix: Solid % Moisture: 10.3 Date Received: 12/07/2012 1755

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69142	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69349	Initial Weight/Volume:	6.703 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/19/2012 1413			Injection Volume:	
Prep Date:	12/07/2012 2005			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		42	U	38	83

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	74		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0065-0001-SO**

Lab Sample ID: 240-18544-3 Date Sampled: 12/06/2012 0957
Client Matrix: Solid % Moisture: 11.0 Date Received: 12/07/2012 1755

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69142	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69349	Initial Weight/Volume:	6.167 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/19/2012 1451			Injection Volume:	
Prep Date:	12/07/2012 2005			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		46	U	42	91

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	80		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0066-0001-SO**

Lab Sample ID: 240-18544-4 Date Sampled: 12/06/2012 1012
Client Matrix: Solid % Moisture: 11.4 Date Received: 12/07/2012 1755

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69142	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69349	Initial Weight/Volume:	6.699 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/19/2012 1529			Injection Volume:	
Prep Date:	12/07/2012 2005			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		42	U	39	84

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	78		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0067-0001-SO**

Lab Sample ID: 240-18544-5 Date Sampled: 12/06/2012 1020
Client Matrix: Solid % Moisture: 10.1 Date Received: 12/07/2012 1755

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69540	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69008	Initial Weight/Volume:	6.376 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/20/2012 2237			Injection Volume:	
Prep Date:	12/17/2012 1229			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		6700		1500	4400

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	76		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0068-0001-SO**

Lab Sample ID: 240-18544-6 Date Sampled: 12/06/2012 0928
Client Matrix: Solid % Moisture: 9.7 Date Received: 12/07/2012 1755

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69540	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69629	Initial Weight/Volume:	6.044 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/20/2012 2002			Injection Volume:	
Prep Date:	12/07/2012 2005			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		46	U	42	92

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	76		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0078-0001-SO**

Lab Sample ID: 240-18544-18 Date Sampled: 12/06/2012 0930
Client Matrix: Solid % Moisture: 8.3 Date Received: 12/07/2012 1755

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69540	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69629	Initial Weight/Volume:	5.624 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/20/2012 2042			Injection Volume:	
Prep Date:	12/07/2012 2005			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		48	U	45	97

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	71		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0063-0001-SO**

Lab Sample ID: 240-18544-1 Date Sampled: 12/06/2012 0922
Client Matrix: Solid % Moisture: 11.2 Date Received: 12/07/2012 1755

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-69251	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-69020	Lab File ID:	P5B10013.D
Dilution:	1.0			Initial Weight/Volume:	30.16 g
Analysis Date:	12/18/2012 1613			Final Weight/Volume:	5 mL
Prep Date:	12/17/2012 1311			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		10	U	10	19
C20-C34		10	U	10	19

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	63		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0064-0001-SO**

Lab Sample ID: 240-18544-2 Date Sampled: 12/06/2012 0922
Client Matrix: Solid % Moisture: 10.3 Date Received: 12/07/2012 1755

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-69251	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-69020	Lab File ID:	P5B10016.D
Dilution:	1.0			Initial Weight/Volume:	30.28 g
Analysis Date:	12/18/2012 1744			Final Weight/Volume:	5 mL
Prep Date:	12/17/2012 1311			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		10	U	10	18
C20-C34		10	U	10	18

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	73		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0065-0001-SO**

Lab Sample ID: 240-18544-3 Date Sampled: 12/06/2012 0957
Client Matrix: Solid % Moisture: 11.0 Date Received: 12/07/2012 1755

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-69251	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-69020	Lab File ID:	P5B10017.D
Dilution:	1.0			Initial Weight/Volume:	29.93 g
Analysis Date:	12/18/2012 1815			Final Weight/Volume:	5 mL
Prep Date:	12/17/2012 1311			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		10	U	10	19
C20-C34		10	U	10	19

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	59		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0066-0001-SO**

Lab Sample ID: 240-18544-4 Date Sampled: 12/06/2012 1012
Client Matrix: Solid % Moisture: 11.4 Date Received: 12/07/2012 1755

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-69251	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-69020	Lab File ID:	P5B10018.D
Dilution:	1.0			Initial Weight/Volume:	30.13 g
Analysis Date:	12/18/2012 1845			Final Weight/Volume:	5 mL
Prep Date:	12/17/2012 1311			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		12	J	10	19
C20-C34		26	M	10	19

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	61		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0067-0001-SO**

Lab Sample ID: 240-18544-5 Date Sampled: 12/06/2012 1020
Client Matrix: Solid % Moisture: 10.1 Date Received: 12/07/2012 1755

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-69475	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-69020	Lab File ID:	P5B10006.D
Dilution:	10			Initial Weight/Volume:	30.21 g
Analysis Date:	12/19/2012 1957			Final Weight/Volume:	5 mL
Prep Date:	12/17/2012 1311			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		990	D	100	180
C20-C34		160	J D	100	180

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	63		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0068-0001-SO**

Lab Sample ID: 240-18544-6 Date Sampled: 12/06/2012 0928
Client Matrix: Solid % Moisture: 9.7 Date Received: 12/07/2012 1755

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-69251	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-69020	Lab File ID:	P5B10020.D
Dilution:	1.0			Initial Weight/Volume:	30.19 g
Analysis Date:	12/18/2012 1945			Final Weight/Volume:	5 mL
Prep Date:	12/17/2012 1311			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		10	U	10	18
C20-C34		10	U	10	18

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	65		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0078-0001-SO**

Lab Sample ID: 240-18544-18 Date Sampled: 12/06/2012 0930
Client Matrix: Solid % Moisture: 8.3 Date Received: 12/07/2012 1755

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-69251	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-69020	Lab File ID:	P5B10022.D
Dilution:	1.0			Initial Weight/Volume:	30.10 g
Analysis Date:	12/18/2012 2046			Final Weight/Volume:	5 mL
Prep Date:	12/17/2012 1311			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		10	U	10	18
C20-C34		10	U	10	18

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	54		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0065-0001-SO**

Lab Sample ID: 240-18544-3 Date Sampled: 12/06/2012 0957
Client Matrix: Solid % Moisture: 11.0 Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-68628	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-68407	Initial Weight/Volume:	29.89 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/14/2012 0806			Injection Volume:	1 uL
Prep Date:	12/12/2012 1420			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.76	U	0.70	2.3
4,4'-DDE		0.76	U	0.44	1.9
4,4'-DDT		0.76	U	0.71	2.3
Aldrin		1.5	U	1.4	4.5
alpha-BHC		1.5	U	0.82	2.8
alpha-Chlordane		1.5	U	1.1	3.4
beta-BHC		1.5	U	1.2	3.9
delta-BHC		1.5	U	1.4	4.5
Dieldrin		0.76	U	0.53	1.9
Endosulfan I		0.76	U	0.59	1.9
Endosulfan II		1.5	U	0.93	2.8
Endosulfan sulfate		1.5	U	0.98	3.4
Endrin		0.76	U	0.56	1.9
Endrin aldehyde		1.5	U	1.1	3.4
Endrin ketone		0.76	U	0.71	2.3
gamma-BHC (Lindane)		1.5	U	0.83	2.8
gamma-Chlordane		0.76	U	0.47	1.9
Heptachlor		1.5	U	1.2	3.9
Heptachlor epoxide		1.5	U	0.90	2.8
Methoxychlor		3.7	U	1.7	5.6
Toxaphene		23	U	21	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		55 - 130
Tetrachloro-m-xylene	87		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0065-0001-SO**

Lab Sample ID: 240-18544-3 Date Sampled: 12/06/2012 0957
Client Matrix: Solid % Moisture: 11.0 Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-68628	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-68407	Initial Weight/Volume:	29.89 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/14/2012 0806			Injection Volume:	1 uL
Prep Date:	12/12/2012 1420			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		55 - 130
Tetrachloro-m-xylene	114		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0098-0001-SO**

Lab Sample ID: 240-18544-16 Date Sampled: 12/06/2012 1433
Client Matrix: Solid Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-69197	Initial Weight/Volume:	29.93 g
Dilution:	1.0	Leach Batch:	240-68067	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1608			Injection Volume:	1 uL
Prep Date:	12/18/2012 1019			Result Type:	PRIMARY
Leach Date:	12/10/2012 1746				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.67	U	0.62	2.0
4,4'-DDE		0.47	J	0.39	1.7
4,4'-DDT		0.67	U	0.63	2.0
Aldrin		1.3	U	1.2	4.0
alpha-BHC		1.3	U	0.73	2.5
alpha-Chlordane		1.3	U	0.94	3.0
beta-BHC		1.3	U	1.1	3.5
delta-BHC		1.3	U	1.2	4.0
Dieldrin		0.67	U	0.47	1.7
Endosulfan I		0.67	U	0.52	1.7
Endosulfan II		1.3	U	0.82	2.5
Endosulfan sulfate		1.3	U	0.87	3.0
Endrin		0.67	U	0.50	1.7
Endrin aldehyde		1.3	U	1.0	3.0
Endrin ketone		0.67	U	0.63	2.0
gamma-BHC (Lindane)		1.3	U	0.74	2.5
gamma-Chlordane		0.67	U	0.42	1.7
Heptachlor		1.3	U	1.1	3.5
Heptachlor epoxide		1.3	U	0.80	2.5
Methoxychlor		3.3	U	1.5	5.0
Toxaphene		20	U	19	67

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		55 - 130
Tetrachloro-m-xylene	78		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0098-0001-SO**

Lab Sample ID: 240-18544-16 Date Sampled: 12/06/2012 1433
Client Matrix: Solid Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-69197	Initial Weight/Volume:	29.93 g
Dilution:	1.0	Leach Batch:	240-68067	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1608			Injection Volume:	1 uL
Prep Date:	12/18/2012 1019			Result Type:	SECONDARY
Leach Date:	12/10/2012 1746				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	80		55 - 130
Tetrachloro-m-xylene	78		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0101M-0001-SO**

Lab Sample ID: 240-18544-20 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-69197	Initial Weight/Volume:	30.14 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1628			Injection Volume:	1 uL
Prep Date:	12/18/2012 1019			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.67	U	0.62	2.0
4,4'-DDE		0.67	U	0.39	1.7
4,4'-DDT		0.67	U	0.63	2.0
Aldrin		1.3	U	1.2	4.0
alpha-BHC		1.3	U	0.73	2.5
alpha-Chlordane		1.3	U	0.94	3.0
beta-BHC		1.3	U	1.1	3.5
delta-BHC		1.3	U	1.2	4.0
Dieldrin		0.67	U	0.47	1.7
Endosulfan I		0.67	U	0.52	1.7
Endosulfan II		1.3	U	0.82	2.5
Endosulfan sulfate		1.3	U	0.87	3.0
Endrin		0.67	U	0.50	1.7
Endrin aldehyde		1.3	U	1.0	3.0
Endrin ketone		0.67	U	0.63	2.0
gamma-BHC (Lindane)		1.3	U	0.74	2.5
gamma-Chlordane		0.67	U	0.42	1.7
Heptachlor		1.3	U	1.1	3.5
Heptachlor epoxide		1.3	U	0.80	2.5
Methoxychlor		3.3	U	1.5	5.0
Toxaphene		20	U	19	67

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	75		55 - 130
Tetrachloro-m-xylene	71		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0101M-0001-SO**

Lab Sample ID: 240-18544-20 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-69197	Initial Weight/Volume:	30.14 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1628			Injection Volume:	1 uL
Prep Date:	12/18/2012 1019			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	72		55 - 130
Tetrachloro-m-xylene	80		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0108M-0001-SO**

Lab Sample ID: 240-18544-27 Date Sampled: 12/06/2012 1550
Client Matrix: Solid Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-69197	Initial Weight/Volume:	29.89 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1650			Injection Volume:	1 uL
Prep Date:	12/18/2012 1019			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.67	U	0.62	2.0
4,4'-DDE		0.67	U	0.39	1.7
4,4'-DDT		0.67	U	0.63	2.0
Aldrin		1.3	U	1.2	4.0
alpha-BHC		1.3	U	0.73	2.5
alpha-Chlordane		1.3	U	0.94	3.0
beta-BHC		1.3	U	1.1	3.5
delta-BHC		1.3	U	1.2	4.0
Dieldrin		0.67	U	0.47	1.7
Endosulfan I		0.67	U	0.52	1.7
Endosulfan II		1.3	U	0.82	2.5
Endosulfan sulfate		1.3	U	0.87	3.0
Endrin		0.67	U	0.50	1.7
Endrin aldehyde		1.3	U	1.0	3.0
Endrin ketone		0.67	U	0.63	2.0
gamma-BHC (Lindane)		1.3	U	0.74	2.5
gamma-Chlordane		0.67	U	0.42	1.7
Heptachlor		1.3	U	1.1	3.5
Heptachlor epoxide		1.3	U	0.80	2.5
Methoxychlor		3.3	U	1.5	5.0
Toxaphene		20	U	19	67

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	71		55 - 130
Tetrachloro-m-xylene	70	M	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0108M-0001-SO**

Lab Sample ID: 240-18544-27 Date Sampled: 12/06/2012 1550
Client Matrix: Solid Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-69197	Initial Weight/Volume:	29.89 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1650			Injection Volume:	1 uL
Prep Date:	12/18/2012 1019			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	65		55 - 130
Tetrachloro-m-xylene	66	Q	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0109M-0001-SO**

Lab Sample ID: 240-18544-28 Date Sampled: 12/06/2012 1605
Client Matrix: Solid Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-69197	Initial Weight/Volume:	30.10 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1711			Injection Volume:	1 uL
Prep Date:	12/18/2012 1019			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.67	U	0.62	2.0
4,4'-DDE		0.67	U	0.39	1.7
4,4'-DDT		0.67	U	0.63	2.0
Aldrin		1.3	U	1.2	4.0
alpha-BHC		1.3	U	0.73	2.5
alpha-Chlordane		1.3	U	0.94	3.0
beta-BHC		1.3	U	1.1	3.5
delta-BHC		1.3	U	1.2	4.0
Dieldrin		0.67	U	0.47	1.7
Endosulfan I		0.67	U	0.52	1.7
Endosulfan II		1.3	U	0.82	2.5
Endosulfan sulfate		1.3	U	0.87	3.0
Endrin		0.67	U	0.50	1.7
Endrin aldehyde		1.3	U	1.0	3.0
Endrin ketone		0.67	U	0.63	2.0
gamma-BHC (Lindane)		1.3	U	0.74	2.5
gamma-Chlordane		0.67	U	0.42	1.7
Heptachlor		1.3	U	1.1	3.5
Heptachlor epoxide		1.3	U	0.80	2.5
Methoxychlor		3.3	U	1.5	5.0
Toxaphene		20	U	19	67

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	74		55 - 130
Tetrachloro-m-xylene	73	M	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0109M-0001-SO**

Lab Sample ID: 240-18544-28 Date Sampled: 12/06/2012 1605
Client Matrix: Solid Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-69197	Initial Weight/Volume:	30.10 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1711			Injection Volume:	1 uL
Prep Date:	12/18/2012 1019			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	64		55 - 130
Tetrachloro-m-xylene	70	M	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0110M-0001-SO**

Lab Sample ID: 240-18544-29 Date Sampled: 12/06/2012 1704
Client Matrix: Solid Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69893	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-69197	Initial Weight/Volume:	30.16 g
Dilution:	5.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/22/2012 2142			Injection Volume:	1 uL
Prep Date:	12/18/2012 1019			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		3.3	U	3.1	9.9
4,4'-DDE		3.3	U	1.9	8.5
4,4'-DDT		3.3	U	3.1	9.9
Aldrin		6.6	U	6.0	20
alpha-BHC		6.6	U	3.6	12
alpha-Chlordane		6.6	U	4.7	15
beta-BHC		6.6	U	5.5	17
delta-BHC		6.6	U	6.0	20
Dieldrin		3.3	U	2.3	8.5
Endosulfan I		3.3	U	2.6	8.5
Endosulfan II		6.6	U	4.1	12
Endosulfan sulfate		6.6	U	4.3	15
Endrin		3.3	U	2.5	8.5
Endrin aldehyde		6.6	U	5.0	15
Endrin ketone		3.3	U	3.1	9.9
gamma-BHC (Lindane)		6.6	U	3.7	12
gamma-Chlordane		3.3	U	2.1	8.5
Heptachlor		6.6	U	5.5	17
Heptachlor epoxide		6.6	U	4.0	12
Methoxychlor		16	U	7.5	25
Toxaphene		99	U	94	330

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		55 - 130
Tetrachloro-m-xylene	90		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0110M-0001-SO**

Lab Sample ID: 240-18544-29 Date Sampled: 12/06/2012 1704
Client Matrix: Solid Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69893	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-69197	Initial Weight/Volume:	30.16 g
Dilution:	5.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/22/2012 2142			Injection Volume:	1 uL
Prep Date:	12/18/2012 1019			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		55 - 130
Tetrachloro-m-xylene	173	M Q	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0112M-0001-SO**

Lab Sample ID: 240-18544-31 Date Sampled: 12/06/2012 1725
Client Matrix: Solid Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-69197	Initial Weight/Volume:	29.76 g
Dilution:	10	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1752			Injection Volume:	1 uL
Prep Date:	12/18/2012 1019			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		6.8	U	6.3	20
4,4'-DDE		6.8	U	3.9	17
4,4'-DDT		14	J D	6.4	20
Aldrin		13	U	12	40
alpha-BHC		13	U	7.4	25
alpha-Chlordane		13	U	9.5	30
beta-BHC		13	U	11	35
delta-BHC		13	U	12	40
Dieldrin		6.8	U	4.7	17
Endosulfan I		6.8	U	5.2	17
Endosulfan II		13	U	8.3	25
Endosulfan sulfate		13	U	8.8	30
Endrin		6.8	U	5.0	17
Endrin aldehyde		13	U	10	30
Endrin ketone		6.8	U	6.4	20
gamma-BHC (Lindane)		13	U	7.5	25
gamma-Chlordane		6.8	U	4.2	17
Heptachlor		13	U	11	35
Heptachlor epoxide		13	U	8.1	25
Methoxychlor		33	U	15	50
Toxaphene		200	U	190	680

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		55 - 130
Tetrachloro-m-xylene	80		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0112M-0001-SO**

Lab Sample ID: 240-18544-31 Date Sampled: 12/06/2012 1725
Client Matrix: Solid Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-69197	Initial Weight/Volume:	29.76 g
Dilution:	10	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1752			Injection Volume:	1 uL
Prep Date:	12/18/2012 1019			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	71		55 - 130
Tetrachloro-m-xylene	93		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0114M-0001-SO**

Lab Sample ID: 240-18544-33 Date Sampled: 12/06/2012 1735
Client Matrix: Solid Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-69197	Initial Weight/Volume:	29.89 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1835			Injection Volume:	1 uL
Prep Date:	12/18/2012 1019			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.67	U	0.62	2.0
4,4'-DDE		0.67	U	0.39	1.7
4,4'-DDT		0.67	U	0.63	2.0
Aldrin		1.3	U	1.2	4.0
alpha-BHC		1.3	U	0.73	2.5
alpha-Chlordane		1.3	U	0.94	3.0
beta-BHC		1.3	U	1.1	3.5
delta-BHC		1.3	U	1.2	4.0
Dieldrin		0.67	U	0.47	1.7
Endosulfan I		0.67	U	0.52	1.7
Endosulfan II		1.3	U	0.82	2.5
Endosulfan sulfate		1.3	U	0.87	3.0
Endrin		0.67	U	0.50	1.7
Endrin aldehyde		1.3	U	1.0	3.0
Endrin ketone		0.67	U	0.63	2.0
gamma-BHC (Lindane)		1.3	U	0.74	2.5
gamma-Chlordane		0.67	U	0.42	1.7
Heptachlor		1.3	U	1.1	3.5
Heptachlor epoxide		1.3	U	0.80	2.5
Methoxychlor		3.3	U	1.5	5.0
Toxaphene		20	U	19	67

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		55 - 130
Tetrachloro-m-xylene	78		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0114M-0001-SO**

Lab Sample ID: 240-18544-33 Date Sampled: 12/06/2012 1735
Client Matrix: Solid Date Received: 12/07/2012 1755

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Prep Method:	3540C	Prep Batch:	240-69197	Initial Weight/Volume:	29.89 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1835			Injection Volume:	1 uL
Prep Date:	12/18/2012 1019			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	73		55 - 130
Tetrachloro-m-xylene	78		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0065-0001-SO**

Lab Sample ID: 240-18544-3 Date Sampled: 12/06/2012 0957
Client Matrix: Solid % Moisture: 11.0 Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-68676	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-68401	Initial Weight/Volume:	29.89 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/14/2012 0752			Injection Volume:	1 uL
Prep Date:	12/12/2012 1349			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		28	U	18	56
Aroclor-1016		28	U	24	73
Aroclor-1232		28	U	16	51
Aroclor-1242		28	U	15	45
Aroclor-1248		28	U	19	62
Aroclor-1254		28	U	19	62
Aroclor-1260		28	U	19	62

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	101		40 - 140
DCB Decachlorobiphenyl	92		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0065-0001-SO**

Lab Sample ID: 240-18544-3 Date Sampled: 12/06/2012 0957
Client Matrix: Solid % Moisture: 11.0 Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-68676	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-68401	Initial Weight/Volume:	29.89 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/14/2012 0752			Injection Volume:	1 uL
Prep Date:	12/12/2012 1349			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	77		40 - 140
DCB Decachlorobiphenyl	85		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0098-0001-SO**

Lab Sample ID: 240-18544-16 Date Sampled: 12/06/2012 1433
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.93 g
Dilution:	1.0	Leach Batch:	240-68067	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1509			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/10/2012 1746				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	73		40 - 140
DCB Decachlorobiphenyl	62		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0098-0001-SO**

Lab Sample ID: 240-18544-16 Date Sampled: 12/06/2012 1433
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.93 g
Dilution:	1.0	Leach Batch:	240-68067	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1509			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/10/2012 1746				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	74		40 - 140
DCB Decachlorobiphenyl	61		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0100M-0001-SO**

Lab Sample ID: 240-18544-19 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.52 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1524			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	51
Aroclor-1016		25	U	21	66
Aroclor-1232		25	U	14	46
Aroclor-1242		25	U	13	41
Aroclor-1248		25	U	17	56
Aroclor-1254		25	U	17	56
Aroclor-1260		25	U	17	56

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	72		40 - 140
DCB Decachlorobiphenyl	60		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0100M-0001-SO**

Lab Sample ID: 240-18544-19 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.52 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1524			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	75		40 - 140
DCB Decachlorobiphenyl	59	Q	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0101M-0001-SO**

Lab Sample ID: 240-18544-20 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	30.14 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1609			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		40 - 140
DCB Decachlorobiphenyl	73		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0101M-0001-SO**

Lab Sample ID: 240-18544-20 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	30.14 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1609			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	81		40 - 140
DCB Decachlorobiphenyl	72		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0102M-0001-SO**

Lab Sample ID: 240-18544-21 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	30.10 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1624			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	79		40 - 140
DCB Decachlorobiphenyl	73		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0102M-0001-SO**

Lab Sample ID: 240-18544-21 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	30.10 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1624			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	85		40 - 140
DCB Decachlorobiphenyl	71		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0103M-0001-SO**

Lab Sample ID: 240-18544-22 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	30.08 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1639			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		40 - 140
DCB Decachlorobiphenyl	74		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0103M-0001-SO**

Lab Sample ID: 240-18544-22 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	30.08 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1639			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	88		40 - 140
DCB Decachlorobiphenyl	72		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0104M-0001-SO**

Lab Sample ID: 240-18544-23 Date Sampled: 12/06/2012 1635
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.65 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1654			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	51
Aroclor-1016		25	U	21	66
Aroclor-1232		25	U	14	46
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	56
Aroclor-1254		25	U	17	56
Aroclor-1260		25	U	17	56

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	61		40 - 140
DCB Decachlorobiphenyl	57	Q	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0104M-0001-SO**

Lab Sample ID: 240-18544-23 Date Sampled: 12/06/2012 1635
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.65 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1654			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	62		40 - 140
DCB Decachlorobiphenyl	55	Q	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0105M-0001-SO**

Lab Sample ID: 240-18544-24 Date Sampled: 12/06/2012 1635
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.67 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1709			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	51
Aroclor-1016		25	U	21	66
Aroclor-1232		25	U	14	46
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	56
Aroclor-1254		25	U	17	56
Aroclor-1260		25	U	17	56

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	68		40 - 140
DCB Decachlorobiphenyl	67		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0105M-0001-SO**

Lab Sample ID: 240-18544-24 Date Sampled: 12/06/2012 1635
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.67 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1709			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		40 - 140
DCB Decachlorobiphenyl	63		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0106M-0001-SO**

Lab Sample ID: 240-18544-25 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.97 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1754			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	75		40 - 140
DCB Decachlorobiphenyl	68		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0106M-0001-SO**

Lab Sample ID: 240-18544-25 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.97 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1754			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	80		40 - 140
DCB Decachlorobiphenyl	65		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0107M-0001-SO**

Lab Sample ID: 240-18544-26 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.88 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1809			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	86		40 - 140
DCB Decachlorobiphenyl	76		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0107M-0001-SO**

Lab Sample ID: 240-18544-26 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.88 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1809			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	88		40 - 140
DCB Decachlorobiphenyl	75		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0108M-0001-SO**

Lab Sample ID: 240-18544-27 Date Sampled: 12/06/2012 1550
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.89 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1824			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	70		40 - 140
DCB Decachlorobiphenyl	65		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0108M-0001-SO**

Lab Sample ID: 240-18544-27 Date Sampled: 12/06/2012 1550
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.89 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1824			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	72		40 - 140
DCB Decachlorobiphenyl	63		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0109M-0001-SO**

Lab Sample ID: 240-18544-28 Date Sampled: 12/06/2012 1605
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	30.10 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1839			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	67		40 - 140
DCB Decachlorobiphenyl	61		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0109M-0001-SO**

Lab Sample ID: 240-18544-28 Date Sampled: 12/06/2012 1605
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	30.10 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1839			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	69		40 - 140
DCB Decachlorobiphenyl	60		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0110M-0001-SO**

Lab Sample ID: 240-18544-29 Date Sampled: 12/06/2012 1704
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	30.16 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1854			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	70		40 - 140
DCB Decachlorobiphenyl	65		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0110M-0001-SO**

Lab Sample ID: 240-18544-29 Date Sampled: 12/06/2012 1704
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	30.16 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1854			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	73		40 - 140
DCB Decachlorobiphenyl	67		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0112M-0001-SO**

Lab Sample ID: 240-18544-31 Date Sampled: 12/06/2012 1725
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.76 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1909			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	66
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		77		17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	77		40 - 140
DCB Decachlorobiphenyl	67		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0112M-0001-SO**

Lab Sample ID: 240-18544-31 Date Sampled: 12/06/2012 1725
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.76 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1909			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	76		40 - 140
DCB Decachlorobiphenyl	67		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0114M-0001-SO**

Lab Sample ID: 240-18544-33 Date Sampled: 12/06/2012 1735
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.89 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1924			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		40 - 140
DCB Decachlorobiphenyl	69		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0114M-0001-SO**

Lab Sample ID: 240-18544-33 Date Sampled: 12/06/2012 1735
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	29.89 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1924			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	77		40 - 140
DCB Decachlorobiphenyl	73		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0115M-0001-SO**

Lab Sample ID: 240-18544-34 Date Sampled: 12/06/2012 1735
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	30.08 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1939			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	PRIMARY
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	69		40 - 140
DCB Decachlorobiphenyl	64		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0115M-0001-SO**

Lab Sample ID: 240-18544-34 Date Sampled: 12/06/2012 1735
Client Matrix: Solid Date Received: 12/07/2012 1755

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-69187	Initial Weight/Volume:	30.08 g
Dilution:	1.0	Leach Batch:	240-68436	Final Weight/Volume:	10 mL
Analysis Date:	12/20/2012 1939			Injection Volume:	1 uL
Prep Date:	12/18/2012 1012			Result Type:	SECONDARY
Leach Date:	12/07/2012 1930				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	73		40 - 140
DCB Decachlorobiphenyl	65		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0065-0001-SO**

Lab Sample ID: 240-18544-3 Date Sampled: 12/06/2012 0957
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-021-1.d
Dilution:	1.0			Initial Weight/Volume:	2.06 g
Analysis Date:	12/26/2012 2029			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.039	U	0.019	0.24

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0098-0001-SO**

Lab Sample ID: 240-18544-16 Date Sampled: 12/06/2012 1433
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-023-1.d
Dilution:	1.0			Initial Weight/Volume:	2.02 g
Analysis Date:	12/26/2012 2058			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.040	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0100M-0001-SO**

Lab Sample ID: 240-18544-19 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-024-1.d
Dilution:	1.0			Initial Weight/Volume:	2.02 g
Analysis Date:	12/26/2012 2112			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.040	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0101M-0001-SO**

Lab Sample ID: 240-18544-20 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-027-1.d
Dilution:	1.0			Initial Weight/Volume:	2.00 g
Analysis Date:	12/26/2012 2155			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.040	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0102M-0001-SO**

Lab Sample ID: 240-18544-21 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-028-1.d
Dilution:	1.0			Initial Weight/Volume:	2.05 g
Analysis Date:	12/26/2012 2209			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.039	U	0.020	0.24

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0103M-0001-SO**

Lab Sample ID: 240-18544-22 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-029-1.d
Dilution:	1.0			Initial Weight/Volume:	2.02 g
Analysis Date:	12/26/2012 2224			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.040	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0104M-0001-SO**

Lab Sample ID: 240-18544-23 Date Sampled: 12/06/2012 1635
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-030-1.d
Dilution:	1.0			Initial Weight/Volume:	2.04 g
Analysis Date:	12/26/2012 2238			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.039	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0105M-0001-SO**

Lab Sample ID: 240-18544-24 Date Sampled: 12/06/2012 1635
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-031-1.d
Dilution:	1.0			Initial Weight/Volume:	1.98 g
Analysis Date:	12/26/2012 2253			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.040	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0106M-0001-SO**

Lab Sample ID: 240-18544-25 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-032-1.d
Dilution:	1.0			Initial Weight/Volume:	2.04 g
Analysis Date:	12/26/2012 2307			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.039	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0107M-0001-SO**

Lab Sample ID: 240-18544-26 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-034-1.d
Dilution:	1.0			Initial Weight/Volume:	2.05 g
Analysis Date:	12/26/2012 2336			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.039	U	0.020	0.24

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0108M-0001-SO**

Lab Sample ID: 240-18544-27 Date Sampled: 12/06/2012 1550
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-035-1.d
Dilution:	1.0			Initial Weight/Volume:	2.06 g
Analysis Date:	12/26/2012 2350			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.039	U	0.019	0.24

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0109M-0001-SO**

Lab Sample ID: 240-18544-28 Date Sampled: 12/06/2012 1605
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-036-1.d
Dilution:	1.0			Initial Weight/Volume:	2.02 g
Analysis Date:	12/27/2012 0004			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.040	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0110M-0001-SO**

Lab Sample ID: 240-18544-29 Date Sampled: 12/06/2012 1704
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-037-1.d
Dilution:	1.0			Initial Weight/Volume:	2.07 g
Analysis Date:	12/27/2012 0019			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.039	U	0.019	0.24

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0112M-0001-SO**

Lab Sample ID: 240-18544-31 Date Sampled: 12/06/2012 1725
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-038-1.d
Dilution:	1.0			Initial Weight/Volume:	2.10 g
Analysis Date:	12/27/2012 0033			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.038	U	0.019	0.24

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0114M-0001-SO**

Lab Sample ID: 240-18544-33 Date Sampled: 12/06/2012 1735
Client Matrix: Solid Date Received: 12/07/2012 1755

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-7464	Lab File ID:	320-0001969-039-1.d
Dilution:	1.0			Initial Weight/Volume:	2.00 g
Analysis Date:	12/27/2012 0047			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.040	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0065-0001-SO**

Lab Sample ID: 240-18544-3 Date Sampled: 12/06/2012 0957
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.06 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 0827			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.0099	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.017	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.050	U	0.0099	0.25
1,3,5-Trinitrobenzene		0.050	U	0.0099	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	96		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0098-0001-SO**

Lab Sample ID: 240-18544-16 Date Sampled: 12/06/2012 1433
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.04 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 0948			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.010	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.018	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.050	U	0.010	0.25
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	95		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0100M-0001-SO**

Lab Sample ID: 240-18544-19 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.05 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 1028			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.010	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.018	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	95	M	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0100M-0001-SO**

Lab Sample ID: 240-18544-19 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7989	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.05 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/28/2012 1606			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Tetryl		0.050	U	0.010	0.25

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0100M-0001-SO**

Lab Sample ID: 240-18544-19 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7989	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.05 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/28/2012 1606			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	89		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0101M-0001-SO**

Lab Sample ID: 240-18544-20 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.06 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 1309			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.0099	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.017	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.050	U	0.0099	0.25
1,3,5-Trinitrobenzene		0.050	U	0.0099	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	99		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0102M-0001-SO**

Lab Sample ID: 240-18544-21 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.00 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 1349			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.013	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.010	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.018	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.016	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	95		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0102M-0001-SO**

Lab Sample ID: 240-18544-21 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7989	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.00 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/28/2012 1711			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Tetryl		0.050	U J	0.010	0.25

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0102M-0001-SO**

Lab Sample ID: 240-18544-21 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7989	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.00 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/28/2012 1711			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	90		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0103M-0001-SO**

Lab Sample ID: 240-18544-22 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.09 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 1429			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.0099	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0072	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.017	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.050	U	0.0099	0.25
1,3,5-Trinitrobenzene		0.050	U	0.0099	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	95		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0104M-0001-SO**

Lab Sample ID: 240-18544-23 Date Sampled: 12/06/2012 1635
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.04 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 1509			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.010	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.018	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.050	U	0.010	0.25
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	96		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0105M-0001-SO**

Lab Sample ID: 240-18544-24 Date Sampled: 12/06/2012 1635
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.08 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 1550			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.0099	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0072	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.017	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.050	U	0.0099	0.25
1,3,5-Trinitrobenzene		0.050	U	0.0099	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	99		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0106M-0001-SO**

Lab Sample ID: 240-18544-25 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.10 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 1710			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.0099	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0052	0.25
2,6-Dinitrotoluene		0.050	U	0.0072	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.017	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.050	U	0.0099	0.25
1,3,5-Trinitrobenzene		0.050	U	0.0099	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	98		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0107M-0001-SO**

Lab Sample ID: 240-18544-26 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.07 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 1751			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.0099	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0072	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.017	0.25
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.050	U	0.0099	0.25
1,3,5-Trinitrobenzene		0.050	U	0.0099	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	96		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0107M-0001-SO**

Lab Sample ID: 240-18544-26 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7989	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.07 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/28/2012 1817			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroglycerin		0.25	U	0.015	0.50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0107M-0001-SO**

Lab Sample ID: 240-18544-26 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7989	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.07 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/28/2012 1817			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	89		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0108M-0001-SO**

Lab Sample ID: 240-18544-27 Date Sampled: 12/06/2012 1550
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.04 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 1831			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.010	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.018	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.050	U	0.010	0.25
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	97		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0109M-0001-SO**

Lab Sample ID: 240-18544-28 Date Sampled: 12/06/2012 1605
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.01 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 1912			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.010	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.018	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.050	U	0.010	0.25
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	95		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0110M-0001-SO**

Lab Sample ID: 240-18544-29 Date Sampled: 12/06/2012 1704
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.00 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 1952			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.013	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.010	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.018	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.016	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.050	U	0.010	0.25
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	97		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0112M-0001-SO**

Lab Sample ID: 240-18544-31 Date Sampled: 12/06/2012 1725
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.09 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 2032			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.0099	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0072	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.017	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.050	U	0.0099	0.25
1,3,5-Trinitrobenzene		0.050	U	0.0099	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	95		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0114M-0001-SO**

Lab Sample ID: 240-18544-33 Date Sampled: 12/06/2012 1735
Client Matrix: Solid Date Received: 12/07/2012 1755

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-7444	Initial Weight/Volume:	10.02 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 2113			Injection Volume:	500 uL
Prep Date:	12/17/2012 1034			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.010	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.018	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.050	U	0.010	0.25
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	100		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0063-0001-SO**

Lab Sample ID: 240-18544-1 Date Sampled: 12/06/2012 0922
Client Matrix: Solid % Moisture: 11.2 Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59175	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.09 g
Analysis Date:	12/27/2012 1649			Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1222				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.024	J	0.012	0.10
Aluminum		5400		0.29	3.1
Arsenic		11		0.019	0.10
Barium		21	Q	0.011	1.0
Beryllium		0.40		0.0078	0.10
Calcium		1200		1.4	10
Cadmium		0.15	Q	0.014	0.10
Chromium		9.2		0.023	0.21
Cobalt		7.7	Q	0.0025	0.052
Copper		15	Q	0.034	0.21
Iron		17000		1.1	5.2
Magnesium		1600		1.1	10
Manganese		270	Q	0.016	0.52
Sodium		32		2.7	10
Nickel		16	Q	0.012	0.10
Lead		11		0.016	0.10
Antimony		0.069	J	0.047	0.21
Thallium		0.12		0.011	0.10
Vanadium		9.8		0.031	0.10
Zinc		59	Q	0.067	0.52
Potassium		950		3.3	10
Selenium		0.38	J	0.053	0.52

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-68700	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68388	Lab File ID:	121312B-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.55 g
Analysis Date:	12/13/2012 2038			Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1505				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.017	J	0.017	0.12

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0064-0001-SO**

Lab Sample ID: 240-18544-2 Date Sampled: 12/06/2012 0922
Client Matrix: Solid % Moisture: 10.3 Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59175	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.24 g
Analysis Date:	12/27/2012 1912			Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1222				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.028	J	0.010	0.090
Aluminum		5500		0.26	2.7
Arsenic		10		0.016	0.090
Barium		23	Q	0.0096	0.90
Beryllium		0.38		0.0067	0.090
Calcium		1100		1.2	9.0
Cadmium		0.19	Q	0.012	0.090
Chromium		9.0		0.020	0.18
Cobalt		7.6	Q	0.0022	0.045
Copper		14	Q	0.030	0.18
Iron		18000		0.97	4.5
Magnesium		1700		0.97	9.0
Manganese		420	Q	0.014	0.45
Sodium		27		2.4	9.0
Nickel		19	Q	0.010	0.090
Lead		9.7		0.014	0.090
Antimony		0.061	J	0.041	0.18
Thallium		0.13		0.0092	0.090
Vanadium		9.6		0.027	0.090
Zinc		52	Q	0.058	0.45
Potassium		960		2.8	9.0
Selenium		0.21	J	0.046	0.45

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-68700	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68388	Lab File ID:	121312B-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.55 g
Analysis Date:	12/13/2012 2052			Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1505				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.024	J	0.017	0.12

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0065-0001-SO**

Lab Sample ID: 240-18544-3 Date Sampled: 12/06/2012 0957
Client Matrix: Solid % Moisture: 11.0 Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59175	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.07 g
Analysis Date:	12/27/2012 1932			Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1222				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.028	J	0.012	0.11
Aluminum		5600		0.30	3.2
Arsenic		9.7		0.019	0.11
Barium		20	Q	0.011	1.1
Beryllium		0.37		0.0079	0.11
Calcium		18000		1.4	11
Cadmium		0.12	Q	0.014	0.11
Chromium		9.4		0.023	0.21
Cobalt		6.4	Q	0.0025	0.053
Copper		13	Q	0.035	0.21
Iron		18000		1.1	5.3
Magnesium		3300		1.1	11
Manganese		230	Q	0.017	0.53
Sodium		54		2.8	11
Nickel		15	Q	0.012	0.11
Lead		10		0.016	0.11
Antimony		0.062	J	0.048	0.21
Thallium		0.083	J	0.011	0.11
Vanadium		10		0.031	0.11
Zinc		50	Q	0.068	0.53
Potassium		1100		3.3	11
Selenium		0.38	J	0.053	0.53

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-68700	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68388	Lab File ID:	121312B-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.54 g
Analysis Date:	12/13/2012 2124			Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1505				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.041	U	0.017	0.12

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0066-0001-SO**

Lab Sample ID: 240-18544-4 Date Sampled: 12/06/2012 1012
Client Matrix: Solid % Moisture: 11.4 Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59175	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.10 g
Analysis Date:	12/27/2012 1940			Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1222				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.050	J	0.012	0.10
Aluminum		7000		0.29	3.1
Arsenic		17		0.019	0.10
Barium		35	Q	0.011	1.0
Beryllium		0.44		0.0077	0.10
Calcium		1600		1.4	10
Cadmium		0.22	Q	0.014	0.10
Chromium		14		0.023	0.21
Cobalt		7.7	Q	0.0025	0.051
Copper		19	Q	0.034	0.21
Iron		25000		1.1	5.1
Magnesium		2400		1.1	10
Manganese		270	Q	0.016	0.51
Sodium		33		2.7	10
Nickel		21	Q	0.012	0.10
Lead		15		0.016	0.10
Antimony		0.062	J	0.047	0.21
Thallium		0.14		0.010	0.10
Vanadium		11		0.031	0.10
Zinc		86	Q	0.067	0.51
Potassium		1200		3.2	10
Selenium		0.26	J	0.052	0.51

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-68700	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68388	Lab File ID:	121312B-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.58 g
Analysis Date:	12/13/2012 2054			Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1505				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.020	J	0.016	0.12

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0067-0001-SO**

Lab Sample ID: 240-18544-5 Date Sampled: 12/06/2012 1020
Client Matrix: Solid % Moisture: 10.1 Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59175	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.28 g
Analysis Date:	12/27/2012 1945			Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1222				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.025	J	0.0099	0.087
Aluminum		5100		0.25	2.6
Arsenic		7.9		0.016	0.087
Barium		21	Q	0.0093	0.87
Beryllium		0.34		0.0065	0.087
Calcium		6500		1.2	8.7
Cadmium		0.15	Q	0.011	0.087
Chromium		8.4		0.019	0.17
Cobalt		6.6	Q	0.0021	0.043
Copper		14	Q	0.029	0.17
Iron		16000		0.94	4.3
Magnesium		2500		0.94	8.7
Manganese		260	Q	0.014	0.43
Sodium		33		2.3	8.7
Nickel		15	Q	0.0098	0.087
Lead		15		0.013	0.087
Antimony		0.057	J	0.040	0.17
Thallium		0.10		0.0089	0.087
Vanadium		9.6		0.026	0.087
Zinc		52	Q	0.056	0.43
Potassium		950		2.7	8.7
Selenium		0.17	J	0.044	0.43

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.68 g
Analysis Date:	12/17/2012 1712			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.020	J	0.014	0.098

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **072SB-0068-0001-SO**

Lab Sample ID: 240-18544-6 Date Sampled: 12/06/2012 0928
Client Matrix: Solid % Moisture: 9.7 Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.21 g
Analysis Date:	12/27/2012 2258			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.024	J	0.010	0.092
Aluminum		5100		0.26	2.7
Arsenic		10		0.017	0.092
Barium		21	Q	0.0098	0.92
Beryllium		0.38		0.0069	0.092
Calcium		1800		1.2	9.2
Cadmium		0.14	Q	0.012	0.092
Chromium		8.9		0.020	0.18
Cobalt		7.0	Q	0.0022	0.046
Copper		15	Q	0.030	0.18
Iron		18000		0.99	4.6
Magnesium		2000		0.99	9.2
Manganese		220	Q	0.015	0.46
Sodium		27		2.4	9.2
Nickel		15	Q	0.010	0.092
Lead		8.9		0.014	0.092
Antimony		0.073	J	0.042	0.18
Thallium		0.089	J	0.0093	0.092
Vanadium		9.3		0.027	0.092
Zinc		59	Q	0.059	0.46
Potassium		890		2.9	9.2
Selenium		0.20	J	0.047	0.46

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.59 g
Analysis Date:	12/17/2012 1718			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.022	J	0.016	0.11

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0090M-0001-SO**

Lab Sample ID: 240-18544-7 Date Sampled: 12/06/2012 1440
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.14 g
Analysis Date:	12/27/2012 2004			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.019	J	0.010	0.088
Aluminum		7700		0.25	2.6
Arsenic		13		0.016	0.088
Barium		34	Q	0.0094	0.88
Beryllium		0.41		0.0066	0.088
Calcium		780		1.2	8.8
Cadmium		0.15	Q	0.012	0.088
Chromium		14		0.020	0.18
Cobalt		7.0	Q	0.0021	0.044
Copper		16	Q	0.029	0.18
Iron		24000		0.94	4.4
Magnesium		1900		0.95	8.8
Manganese		290	Q	0.014	0.44
Sodium		24		2.3	8.8
Nickel		17	Q	0.0099	0.088
Lead		16		0.014	0.088
Antimony		0.11	J	0.040	0.18
Thallium		0.14		0.0089	0.088
Vanadium		14		0.026	0.088
Zinc		56	Q	0.057	0.44
Potassium		820		2.8	8.8
Selenium		0.46		0.045	0.44

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	0.63 g
Analysis Date:	12/17/2012 1649			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.032	J	0.013	0.095

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0091M-0001-SO**

Lab Sample ID: 240-18544-8 Date Sampled: 12/06/2012 1440
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.17 g
Analysis Date:	12/27/2012 2044			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.023	J	0.0097	0.085
Aluminum		5900	J	0.24	2.6
Arsenic		14		0.015	0.085
Barium		32	Q	0.0091	0.85
Beryllium		0.43		0.0064	0.085
Calcium		1000		1.1	8.5
Cadmium		0.18	Q	0.011	0.085
Chromium		14		0.019	0.17
Cobalt		8.4	Q	0.0021	0.043
Copper		16	Q	0.028	0.17
Iron		24000	J	0.92	4.3
Magnesium		1800		0.92	8.5
Manganese		410	Q J	0.014	0.43
Sodium		36		2.3	8.5
Nickel		21	Q	0.0097	0.085
Lead		13		0.013	0.085
Antimony		0.11	J	0.039	0.17
Thallium		0.13		0.0087	0.085
Vanadium		12		0.026	0.085
Zinc		57	Q	0.055	0.43
Potassium		780		2.7	8.5
Selenium		0.32	J	0.044	0.43

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	0.56 g
Analysis Date:	12/17/2012 1655			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.030	J	0.015	0.11

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0092-0001-SO**

Lab Sample ID: 240-18544-10 Date Sampled: 12/06/2012 1325
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.34 g
Analysis Date:	12/27/2012 2127			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.028	J	0.0085	0.075
Aluminum		8000		0.21	2.2
Arsenic		13		0.014	0.075
Barium		42	Q	0.0080	0.75
Beryllium		0.43		0.0056	0.075
Calcium		3400		0.99	7.5
Cadmium		0.11	Q	0.0099	0.075
Chromium		16		0.017	0.15
Cobalt		10	Q	0.0018	0.037
Copper		16	Q	0.025	0.15
Iron		22000		0.80	3.7
Magnesium		2500		0.81	7.5
Manganese		490	Q	0.012	0.37
Sodium		39		2.0	7.5
Nickel		19	Q	0.0084	0.075
Lead		17		0.011	0.075
Antimony		0.16		0.034	0.15
Thallium		0.13		0.0076	0.075
Vanadium		15		0.022	0.075
Zinc		53	Q	0.048	0.37
Potassium		720		2.4	7.5
Selenium		0.44		0.038	0.37

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	0.51 g
Analysis Date:	12/17/2012 1734			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.038	J	0.016	0.12

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0093-0001-SO**

Lab Sample ID: 240-18544-11 Date Sampled: 12/06/2012 1325
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.30 g
Analysis Date:	12/27/2012 2132			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.026	J	0.0088	0.077
Aluminum		8000		0.22	2.3
Arsenic		12		0.014	0.077
Barium		39	Q	0.0082	0.77
Beryllium		0.43		0.0058	0.077
Calcium		3300		1.0	7.7
Cadmium		0.12	Q	0.010	0.077
Chromium		16		0.017	0.15
Cobalt		9.1	Q	0.0018	0.038
Copper		17	Q	0.025	0.15
Iron		25000		0.83	3.8
Magnesium		2600		0.83	7.7
Manganese		460	Q	0.012	0.38
Sodium		41		2.0	7.7
Nickel		19	Q	0.0087	0.077
Lead		20		0.012	0.077
Antimony		0.12	J	0.035	0.15
Thallium		0.13		0.0078	0.077
Vanadium		17		0.023	0.077
Zinc		57	Q	0.050	0.38
Potassium		810		2.4	7.7
Selenium		0.37	J	0.039	0.38

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	0.59 g
Analysis Date:	12/17/2012 1740			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/10/2012 1745				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.039	J	0.014	0.10

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0094-0001-SO**

Lab Sample ID: 240-18544-12 Date Sampled: 12/06/2012 1335
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.12 g
Analysis Date:	12/27/2012 2136			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.025	J	0.010	0.089
Aluminum		9500		0.25	2.7
Arsenic		17		0.016	0.089
Barium		47	Q	0.0096	0.89
Beryllium		0.51		0.0067	0.089
Calcium		970		1.2	8.9
Cadmium		0.13	Q	0.012	0.089
Chromium		17		0.020	0.18
Cobalt		9.7	Q	0.0021	0.045
Copper		17	Q	0.029	0.18
Iron		29000		0.96	4.5
Magnesium		2100		0.96	8.9
Manganese		380	Q	0.014	0.45
Sodium		39		2.4	8.9
Nickel		21	Q	0.010	0.089
Lead		24		0.014	0.089
Antimony		0.23		0.041	0.18
Thallium		0.14		0.0091	0.089
Vanadium		18		0.027	0.089
Zinc		63	Q	0.058	0.45
Potassium		790		2.8	8.9
Selenium		0.47		0.045	0.45

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	0.59 g
Analysis Date:	12/17/2012 1710			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/10/2012 1745				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.042	J	0.014	0.10

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0095-0001-SO**

Lab Sample ID: 240-18544-13 Date Sampled: 12/06/2012 1335
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.44 g
Analysis Date:	12/27/2012 2140			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.024	J	0.0079	0.069
Aluminum		11000		0.20	2.1
Arsenic		13		0.013	0.069
Barium		49	Q	0.0074	0.69
Beryllium		0.50		0.0052	0.069
Calcium		1000		0.92	6.9
Cadmium		0.13	Q	0.0092	0.069
Chromium		18		0.015	0.14
Cobalt		8.6	Q	0.0017	0.035
Copper		17	Q	0.023	0.14
Iron		25000		0.75	3.5
Magnesium		2300		0.75	6.9
Manganese		310	Q	0.011	0.35
Sodium		40		1.8	6.9
Nickel		20	Q	0.0078	0.069
Lead		20		0.011	0.069
Antimony		0.11	J	0.032	0.14
Thallium		0.15		0.0071	0.069
Vanadium		19		0.021	0.069
Zinc		59	Q	0.045	0.35
Potassium		820		2.2	6.9
Selenium		0.39		0.035	0.35

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	0.62 g
Analysis Date:	12/17/2012 1714			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/10/2012 1745				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.038	J	0.014	0.097

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0096-0001-SO**

Lab Sample ID: 240-18544-14 Date Sampled: 12/06/2012 1408
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.42 g
Analysis Date:	12/27/2012 2200			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.019	J	0.0080	0.070
Aluminum		6600		0.20	2.1
Arsenic		13		0.013	0.070
Barium		29	Q	0.0075	0.70
Beryllium		0.42		0.0053	0.070
Calcium		700		0.93	7.0
Cadmium		0.19	Q	0.0093	0.070
Chromium		14		0.016	0.14
Cobalt		8.3	Q	0.0017	0.035
Copper		17	Q	0.023	0.14
Iron		26000		0.76	3.5
Magnesium		1900		0.76	7.0
Manganese		510	Q	0.011	0.35
Sodium		20		1.9	7.0
Nickel		21	Q	0.0080	0.070
Lead		14		0.011	0.070
Antimony		0.11	J	0.032	0.14
Thallium		0.13		0.0072	0.070
Vanadium		13		0.021	0.070
Zinc		62	Q	0.046	0.35
Potassium		810		2.2	7.0
Selenium		0.32	J	0.036	0.35

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	0.61 g
Analysis Date:	12/17/2012 1732			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/10/2012 1745				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.031	J	0.014	0.098

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0097-0001-SO**

Lab Sample ID: 240-18544-15 Date Sampled: 12/06/2012 1408
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.24 g
Analysis Date:	12/27/2012 2204			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.019	J	0.0092	0.081
Aluminum		6600		0.23	2.4
Arsenic		16		0.015	0.081
Barium		30	Q	0.0086	0.81
Beryllium		0.47		0.0060	0.081
Calcium		640		1.1	8.1
Cadmium		0.20	Q	0.011	0.081
Chromium		15		0.018	0.16
Cobalt		8.6	Q	0.0019	0.040
Copper		18	Q	0.027	0.16
Iron		26000		0.87	4.0
Magnesium		1800		0.87	8.1
Manganese		480	Q	0.013	0.40
Sodium		22		2.1	8.1
Nickel		22	Q	0.0091	0.081
Lead		14		0.012	0.081
Antimony		0.12	J	0.037	0.16
Thallium		0.13		0.0082	0.081
Vanadium		13		0.024	0.081
Zinc		70	Q	0.052	0.40
Potassium		870		2.5	8.1
Selenium		0.29	J	0.041	0.40

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	0.67 g
Analysis Date:	12/17/2012 1726			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/10/2012 1746				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.026	J	0.013	0.090

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0098-0001-SO**

Lab Sample ID: 240-18544-16 Date Sampled: 12/06/2012 1433
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.05 g
Analysis Date:	12/27/2012 2208			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.030	J	0.011	0.095
Aluminum		7700		0.27	2.9
Arsenic		14		0.017	0.095
Barium		36	Q	0.010	0.95
Beryllium		0.46		0.0071	0.095
Calcium		2100		1.3	9.5
Cadmium		0.19	Q	0.013	0.095
Chromium		16		0.021	0.19
Cobalt		8.6	Q	0.0023	0.048
Copper		15	Q	0.031	0.19
Iron		23000		1.0	4.8
Magnesium		2500		1.0	9.5
Manganese		340	Q	0.015	0.48
Sodium		42		2.5	9.5
Nickel		21	Q	0.011	0.095
Lead		11		0.015	0.095
Antimony		0.10	J	0.044	0.19
Thallium		0.12		0.0097	0.095
Vanadium		14		0.028	0.095
Zinc		63	Q	0.062	0.48
Potassium		1400		3.0	9.5
Selenium		0.25	J	0.048	0.48

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	0.56 g
Analysis Date:	12/17/2012 1703			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/10/2012 1746				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.027	J	0.015	0.11

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0099-0001-SO**

Lab Sample ID: 240-18544-17 Date Sampled: 12/06/2012 1540
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.10 g
Analysis Date:	12/27/2012 2213			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.025	J	0.010	0.091
Aluminum		6700		0.26	2.7
Arsenic		15		0.016	0.091
Barium		31	Q	0.0097	0.91
Beryllium		0.48		0.0068	0.091
Calcium		1000		1.2	9.1
Cadmium		0.20	Q	0.012	0.091
Chromium		14		0.020	0.18
Cobalt		7.8	Q	0.0022	0.045
Copper		16	Q	0.030	0.18
Iron		31000		0.98	4.5
Magnesium		1800		0.98	9.1
Manganese		480	Q	0.014	0.45
Sodium		31		2.4	9.1
Nickel		21	Q	0.010	0.091
Lead		14		0.014	0.091
Antimony		0.12	J	0.042	0.18
Thallium		0.13		0.0093	0.091
Vanadium		14		0.027	0.091
Zinc		64	Q	0.059	0.45
Potassium		870		2.9	9.1
Selenium		0.34	J	0.046	0.45

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.67 g
Analysis Date:	12/17/2012 1724			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.028	J	0.013	0.090

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0078-0001-SO**

Lab Sample ID: 240-18544-18 Date Sampled: 12/06/2012 0930
Client Matrix: Solid % Moisture: 8.3 Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.10 g
Analysis Date:	12/27/2012 2303			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.060	J	0.011	0.099
Aluminum		3500		0.28	3.0
Arsenic		15		0.018	0.099
Barium		44	Q	0.011	0.99
Beryllium		0.28		0.0074	0.099
Calcium		14000		1.3	9.9
Cadmium		0.20	Q	0.013	0.099
Chromium		5.9		0.022	0.20
Cobalt		5.0	Q	0.0024	0.050
Copper		17	Q	0.033	0.20
Iron		31000		1.1	5.0
Magnesium		3100		1.1	9.9
Manganese		290	Q	0.016	0.50
Sodium		35		2.6	9.9
Nickel		13	Q	0.011	0.099
Lead		10		0.015	0.099
Antimony		0.18	J	0.045	0.20
Thallium		0.14		0.010	0.099
Vanadium		7.4		0.030	0.099
Zinc		49	Q	0.064	0.50
Potassium		620		3.1	9.9
Selenium		0.28	J	0.050	0.50

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.53 g
Analysis Date:	12/17/2012 1716			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.029	J	0.017	0.12

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0100M-0001-SO**

Lab Sample ID: 240-18544-19 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59694	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0			Initial Weight/Volume:	1.14 g
Analysis Date:	12/28/2012 2342			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.025	J	0.010	0.088
Aluminum		9700	J	0.25	2.6
Arsenic		15		0.016	0.088
Barium		44	Q	0.0094	0.88
Beryllium		0.49		0.0066	0.088
Calcium		1200		1.2	8.8
Cadmium		0.15		0.012	0.088
Chromium		20		0.020	0.18
Cobalt		8.1	Q	0.0021	0.044
Copper		14	Q	0.029	0.18
Iron		24000		0.94	4.4
Magnesium		2300		0.95	8.8
Manganese		340	J	0.014	0.44
Sodium		31		2.3	8.8
Nickel		20		0.0099	0.088
Lead		12		0.014	0.088
Antimony		0.12	J	0.040	0.18
Thallium		0.19		0.0089	0.088
Vanadium		17		0.026	0.088
Zinc		50	Q	0.057	0.44
Potassium		900		2.8	8.8
Selenium		0.76	Q	0.045	0.44

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69324	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69021	Lab File ID:	121812A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.53 g
Analysis Date:	12/18/2012 1122			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.032	J	0.016	0.11

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0101M-0001-SO**

Lab Sample ID: 240-18544-20 Date Sampled: 12/06/2012 1527
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.05 g
Analysis Date:	12/27/2012 2217			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.025	J	0.011	0.095
Aluminum		7500		0.27	2.9
Arsenic		13		0.017	0.095
Barium		38	Q	0.010	0.95
Beryllium		0.50		0.0071	0.095
Calcium		1400		1.3	9.5
Cadmium		0.21	Q	0.013	0.095
Chromium		14		0.021	0.19
Cobalt		10	Q	0.0023	0.048
Copper		16	Q	0.031	0.19
Iron		23000		1.0	4.8
Magnesium		2600		1.0	9.5
Manganese		360	Q	0.015	0.48
Sodium		37		2.5	9.5
Nickel		24	Q	0.011	0.095
Lead		11		0.015	0.095
Antimony		0.083	J	0.044	0.19
Thallium		0.13		0.0097	0.095
Vanadium		13		0.028	0.095
Zinc		70	Q	0.062	0.48
Potassium		980		3.0	9.5
Selenium		0.30	J	0.048	0.48

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.64 g
Analysis Date:	12/17/2012 1738			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.021	J	0.013	0.094

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0102M-0001-SO**

Lab Sample ID: 240-18544-21 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.32 g
Analysis Date:	12/27/2012 2222			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.020	J	0.0086	0.076
Aluminum		7900		0.22	2.3
Arsenic		15		0.014	0.076
Barium		34	Q	0.0081	0.76
Beryllium		0.53		0.0057	0.076
Calcium		680		1.0	7.6
Cadmium		0.19	Q	0.010	0.076
Chromium		22		0.017	0.15
Cobalt		9.2	Q	0.0018	0.038
Copper		16	Q	0.025	0.15
Iron		27000		0.82	3.8
Magnesium		2000		0.82	7.6
Manganese		430	Q	0.012	0.38
Sodium		28		2.0	7.6
Nickel		23	Q	0.0086	0.076
Lead		15		0.012	0.076
Antimony		0.12	J	0.035	0.15
Thallium		0.13		0.0077	0.076
Vanadium		15		0.023	0.076
Zinc		75	Q	0.049	0.38
Potassium		840		2.4	7.6
Selenium		0.29	J	0.039	0.38

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.65 g
Analysis Date:	12/17/2012 1708			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.030	J	0.013	0.092

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0103M-0001-SO**

Lab Sample ID: 240-18544-22 Date Sampled: 12/06/2012 1545
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.48 g
Analysis Date:	12/27/2012 2226			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.021	J	0.0077	0.068
Aluminum		7800		0.19	2.0
Arsenic		14		0.012	0.068
Barium		32	Q	0.0072	0.68
Beryllium		0.46		0.0051	0.068
Calcium		640		0.90	6.8
Cadmium		0.16	Q	0.0089	0.068
Chromium		16		0.015	0.14
Cobalt		9.0	Q	0.0016	0.034
Copper		15	Q	0.022	0.14
Iron		22000		0.73	3.4
Magnesium		2000		0.73	6.8
Manganese		350	Q	0.011	0.34
Sodium		26		1.8	6.8
Nickel		19	Q	0.0076	0.068
Lead		13		0.010	0.068
Antimony		0.10	J	0.031	0.14
Thallium		0.12		0.0069	0.068
Vanadium		13		0.020	0.068
Zinc		59	Q	0.044	0.34
Potassium		850		2.1	6.8
Selenium		0.24	J	0.034	0.34

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.59 g
Analysis Date:	12/17/2012 1720			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.031	J	0.014	0.10

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0104M-0001-SO**

Lab Sample ID: 240-18544-23 Date Sampled: 12/06/2012 1635
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.18 g
Analysis Date:	12/27/2012 2230			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.027	J	0.0097	0.085
Aluminum		11000		0.24	2.5
Arsenic		14		0.015	0.085
Barium		52	Q	0.0091	0.85
Beryllium		0.63		0.0064	0.085
Calcium		1100		1.1	8.5
Cadmium		0.17	Q	0.011	0.085
Chromium		16		0.019	0.17
Cobalt		9.5	Q	0.0020	0.042
Copper		15	Q	0.028	0.17
Iron		27000		0.91	4.2
Magnesium		3300		0.91	8.5
Manganese		280	Q	0.013	0.42
Sodium		44		2.3	8.5
Nickel		24	Q	0.0096	0.085
Lead		11		0.013	0.085
Antimony		0.085	J	0.039	0.17
Thallium		0.14		0.0086	0.085
Vanadium		17		0.025	0.085
Zinc		54	Q	0.055	0.42
Potassium		1000		2.7	8.5
Selenium		0.34	J	0.043	0.42

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.62 g
Analysis Date:	12/17/2012 1722			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.030	J	0.014	0.097

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0105M-0001-SO**

Lab Sample ID: 240-18544-24 Date Sampled: 12/06/2012 1635
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.30 g
Analysis Date:	12/27/2012 2235			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.025	J	0.0088	0.077
Aluminum		11000		0.22	2.3
Arsenic		14		0.014	0.077
Barium		50	Q	0.0082	0.77
Beryllium		0.65		0.0058	0.077
Calcium		1000		1.0	7.7
Cadmium		0.17	Q	0.010	0.077
Chromium		17		0.017	0.15
Cobalt		10	Q	0.0018	0.038
Copper		15	Q	0.025	0.15
Iron		27000		0.83	3.8
Magnesium		3300		0.83	7.7
Manganese		320	Q	0.012	0.38
Sodium		47		2.0	7.7
Nickel		24	Q	0.0087	0.077
Lead		11		0.012	0.077
Antimony		0.086	J	0.035	0.15
Thallium		0.14		0.0078	0.077
Vanadium		18		0.023	0.077
Zinc		55	Q	0.050	0.38
Potassium		1100		2.4	7.7
Selenium		0.32	J	0.039	0.38

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.67 g
Analysis Date:	12/17/2012 1736			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.030	J	0.013	0.090

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0106M-0001-SO**

Lab Sample ID: 240-18544-25 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59603	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0			Initial Weight/Volume:	1.26 g
Analysis Date:	12/27/2012 2239			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.022	J	0.0090	0.079
Aluminum		6100		0.23	2.4
Arsenic		13		0.014	0.079
Barium		29	Q	0.0085	0.79
Beryllium		0.42		0.0060	0.079
Calcium		1200		1.1	7.9
Cadmium		0.16	Q	0.010	0.079
Chromium		16		0.018	0.16
Cobalt		7.9	Q	0.0019	0.040
Copper		16	Q	0.026	0.16
Iron		22000		0.85	4.0
Magnesium		1700		0.86	7.9
Manganese		370	Q	0.013	0.40
Sodium		23		2.1	7.9
Nickel		21	Q	0.0090	0.079
Lead		15		0.012	0.079
Antimony		0.13	J	0.036	0.16
Thallium		0.11		0.0081	0.079
Vanadium		11		0.024	0.079
Zinc		56	Q	0.051	0.40
Potassium		740		2.5	7.9
Selenium		0.19	J	0.040	0.40

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69127	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.53 g
Analysis Date:	12/17/2012 1701			Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.026	J	0.016	0.11

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0107M-0001-SO**

Lab Sample ID: 240-18544-26 Date Sampled: 12/06/2012 1625
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59694	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0			Initial Weight/Volume:	1.35 g
Analysis Date:	12/29/2012 0003			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.020	J	0.0084	0.074
Aluminum		7500		0.21	2.2
Arsenic		15		0.013	0.074
Barium		30	Q	0.0079	0.74
Beryllium		0.45		0.0056	0.074
Calcium		1100		0.98	7.4
Cadmium		0.15		0.0098	0.074
Chromium		16		0.017	0.15
Cobalt		7.9	Q	0.0018	0.037
Copper		17	Q	0.024	0.15
Iron		22000		0.80	3.7
Magnesium		1900		0.80	7.4
Manganese		320		0.012	0.37
Sodium		28		2.0	7.4
Nickel		21		0.0084	0.074
Lead		12		0.011	0.074
Antimony		0.14	J	0.034	0.15
Thallium		0.14		0.0076	0.074
Vanadium		13		0.022	0.074
Zinc		60	Q	0.048	0.37
Potassium		950		2.3	7.4
Selenium		0.48	Q	0.038	0.37

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69324	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69021	Lab File ID:	121812A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.67 g
Analysis Date:	12/18/2012 1139			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.025	J	0.013	0.090

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0108M-0001-SO**

Lab Sample ID: 240-18544-27 Date Sampled: 12/06/2012 1550
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59694	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0			Initial Weight/Volume:	1.10 g
Analysis Date:	12/29/2012 0008			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.029	J	0.010	0.091
Aluminum		7100		0.26	2.7
Arsenic		19		0.016	0.091
Barium		35	Q	0.0097	0.91
Beryllium		0.46		0.0068	0.091
Calcium		1100		1.2	9.1
Cadmium		0.21		0.012	0.091
Chromium		16		0.020	0.18
Cobalt		9.6	Q	0.0022	0.045
Copper		18	Q	0.030	0.18
Iron		25000		0.98	4.5
Magnesium		2200		0.98	9.1
Manganese		350		0.014	0.45
Sodium		31		2.4	9.1
Nickel		23		0.010	0.091
Lead		18		0.014	0.091
Antimony		0.18		0.042	0.18
Thallium		0.15		0.0093	0.091
Vanadium		13		0.027	0.091
Zinc		63	Q	0.059	0.45
Potassium		950		2.9	9.1
Selenium		0.59	Q	0.046	0.45

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69324	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69021	Lab File ID:	121812A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.56 g
Analysis Date:	12/18/2012 1141			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.030	J	0.015	0.11

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0109M-0001-SO**

Lab Sample ID: 240-18544-28 Date Sampled: 12/06/2012 1605
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59694	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0			Initial Weight/Volume:	1.13 g
Analysis Date:	12/29/2012 0012			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.025	J	0.010	0.088
Aluminum		11000		0.25	2.7
Arsenic		13		0.016	0.088
Barium		44	Q	0.0095	0.88
Beryllium		0.54		0.0066	0.088
Calcium		1000		1.2	8.8
Cadmium		0.14		0.012	0.088
Chromium		16		0.020	0.18
Cobalt		9.2	Q	0.0021	0.044
Copper		14	Q	0.029	0.18
Iron		22000		0.95	4.4
Magnesium		2700		0.95	8.8
Manganese		380		0.014	0.44
Sodium		41		2.4	8.8
Nickel		21		0.010	0.088
Lead		11		0.014	0.088
Antimony		0.079	J	0.041	0.18
Thallium		0.14		0.0090	0.088
Vanadium		16		0.026	0.088
Zinc		55	Q	0.057	0.44
Potassium		1100		2.8	8.8
Selenium		0.56	Q	0.045	0.44

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69324	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69021	Lab File ID:	121812A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.70 g
Analysis Date:	12/18/2012 1159			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.029	J	0.012	0.086

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0110M-0001-SO**

Lab Sample ID: 240-18544-29 Date Sampled: 12/06/2012 1704
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59694	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0			Initial Weight/Volume:	1.16 g
Analysis Date:	12/29/2012 0031			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.021	J	0.0098	0.086
Aluminum		8100		0.25	2.6
Arsenic		15		0.016	0.086
Barium		38	Q	0.0092	0.86
Beryllium		0.43		0.0065	0.086
Calcium		2900		1.1	8.6
Cadmium		0.16		0.011	0.086
Chromium		17		0.019	0.17
Cobalt		8.8	Q	0.0021	0.043
Copper		17	Q	0.028	0.17
Iron		22000		0.93	4.3
Magnesium		2500		0.93	8.6
Manganese		400		0.014	0.43
Sodium		35		2.3	8.6
Nickel		21		0.0097	0.086
Lead		11		0.013	0.086
Antimony		0.082	J	0.040	0.17
Thallium		0.11		0.0088	0.086
Vanadium		14		0.026	0.086
Zinc		52	Q	0.056	0.43
Potassium		870		2.7	8.6
Selenium		0.42	J Q	0.044	0.43

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69324	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69021	Lab File ID:	121812A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.62 g
Analysis Date:	12/18/2012 1149			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.023	J	0.014	0.097

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0111M-0001-SO**

Lab Sample ID: 240-18544-30 Date Sampled: 12/06/2012 1704
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59694	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0			Initial Weight/Volume:	1.14 g
Analysis Date:	12/29/2012 0036			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.022	J	0.010	0.088
Aluminum		6700		0.25	2.6
Arsenic		14		0.016	0.088
Barium		32	Q	0.0094	0.88
Beryllium		0.38		0.0066	0.088
Calcium		3300		1.2	8.8
Cadmium		0.15		0.012	0.088
Chromium		14		0.020	0.18
Cobalt		7.4	Q	0.0021	0.044
Copper		14	Q	0.029	0.18
Iron		21000		0.94	4.4
Magnesium		2100		0.95	8.8
Manganese		350		0.014	0.44
Sodium		37		2.3	8.8
Nickel		18		0.0099	0.088
Lead		9.8		0.014	0.088
Antimony		0.082	J	0.040	0.18
Thallium		0.093		0.0089	0.088
Vanadium		12		0.026	0.088
Zinc		40	Q	0.057	0.44
Potassium		700		2.8	8.8
Selenium		0.71	Q	0.045	0.44

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69324	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69021	Lab File ID:	121812A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.66 g
Analysis Date:	12/18/2012 1211			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.022	J	0.013	0.091

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0112M-0001-SO**

Lab Sample ID: 240-18544-31 Date Sampled: 12/06/2012 1725
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59694	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0			Initial Weight/Volume:	1.00 g
Analysis Date:	12/29/2012 0040			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.031	J	0.011	0.10
Aluminum		7600		0.28	3.0
Arsenic		13		0.018	0.10
Barium		63	Q	0.011	1.0
Beryllium		0.48		0.0075	0.10
Calcium		5400		1.3	10
Cadmium		0.31		0.013	0.10
Chromium		17		0.022	0.20
Cobalt		8.2	Q	0.0024	0.050
Copper		18	Q	0.033	0.20
Iron		20000		1.1	5.0
Magnesium		2400		1.1	10
Manganese		520		0.016	0.50
Sodium		43		2.7	10
Nickel		21		0.011	0.10
Lead		15		0.015	0.10
Antimony		0.13	J	0.046	0.20
Thallium		0.13		0.010	0.10
Vanadium		15		0.030	0.10
Zinc		54	Q	0.065	0.50
Potassium		650		3.2	10
Selenium		0.79	Q	0.051	0.50

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69324	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69021	Lab File ID:	121812A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.64 g
Analysis Date:	12/18/2012 1135			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.030	J	0.013	0.094

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0113M-0001-SO**

Lab Sample ID: 240-18544-32 Date Sampled: 12/06/2012 1725
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59694	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0			Initial Weight/Volume:	1.18 g
Analysis Date:	12/29/2012 0044			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.028	J	0.0097	0.085
Aluminum		7900		0.24	2.5
Arsenic		12		0.015	0.085
Barium		57	Q	0.0091	0.85
Beryllium		0.50		0.0064	0.085
Calcium		5900		1.1	8.5
Cadmium		0.28		0.011	0.085
Chromium		13		0.019	0.17
Cobalt		7.4	Q	0.0020	0.042
Copper		17	Q	0.028	0.17
Iron		19000		0.91	4.2
Magnesium		2600		0.91	8.5
Manganese		440		0.013	0.42
Sodium		42		2.3	8.5
Nickel		18		0.0096	0.085
Lead		15		0.013	0.085
Antimony		0.10	J	0.039	0.17
Thallium		0.12		0.0086	0.085
Vanadium		15		0.025	0.085
Zinc		52	Q	0.055	0.42
Potassium		730		2.7	8.5
Selenium		0.65	Q	0.043	0.42

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69324	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69021	Lab File ID:	121812A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.51 g
Analysis Date:	12/18/2012 1153			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.031	J	0.016	0.12

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0114M-0001-SO**

Lab Sample ID: 240-18544-33 Date Sampled: 12/06/2012 1735
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59694	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0			Initial Weight/Volume:	1.10 g
Analysis Date:	12/29/2012 0049			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.019	J	0.010	0.091
Aluminum		7600		0.26	2.7
Arsenic		13		0.016	0.091
Barium		36	Q	0.0097	0.91
Beryllium		0.35		0.0068	0.091
Calcium		530		1.2	9.1
Cadmium		0.15		0.012	0.091
Chromium		12		0.020	0.18
Cobalt		8.0	Q	0.0022	0.045
Copper		16	Q	0.030	0.18
Iron		20000		0.98	4.5
Magnesium		1900		0.98	9.1
Manganese		420		0.014	0.45
Sodium		20		2.4	9.1
Nickel		17		0.010	0.091
Lead		11		0.014	0.091
Antimony		0.088	J	0.042	0.18
Thallium		0.12		0.0093	0.091
Vanadium		13		0.027	0.091
Zinc		54	Q	0.059	0.45
Potassium		550		2.9	9.1
Selenium		0.51	Q	0.046	0.45

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69324	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69021	Lab File ID:	121812A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.67 g
Analysis Date:	12/18/2012 1209			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.030	J	0.013	0.090

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **076SB-0115M-0001-SO**

Lab Sample ID: 240-18544-34 Date Sampled: 12/06/2012 1735
Client Matrix: Solid Date Received: 12/07/2012 1755

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59694	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0			Initial Weight/Volume:	1.15 g
Analysis Date:	12/29/2012 0053			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.020	J	0.0099	0.087
Aluminum		7800		0.25	2.6
Arsenic		14		0.016	0.087
Barium		37	Q	0.0093	0.87
Beryllium		0.35		0.0065	0.087
Calcium		570		1.2	8.7
Cadmium		0.15		0.011	0.087
Chromium		12		0.019	0.17
Cobalt		8.2	Q	0.0021	0.043
Copper		17	Q	0.029	0.17
Iron		20000		0.94	4.3
Magnesium		1900		0.94	8.7
Manganese		430		0.014	0.43
Sodium		22		2.3	8.7
Nickel		17		0.0098	0.087
Lead		12		0.013	0.087
Antimony		0.093	J	0.040	0.17
Thallium		0.12		0.0089	0.087
Vanadium		14		0.026	0.087
Zinc		55	Q	0.056	0.43
Potassium		580		2.7	8.7
Selenium		0.48	Q	0.044	0.43

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-69324	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69021	Lab File ID:	121812A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.51 g
Analysis Date:	12/18/2012 1205			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				
Leach Date:	12/07/2012 1930				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.033	J	0.016	0.12

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **075TR-0002-0001-SO**

Lab Sample ID: 240-18544-38 Date Sampled: 12/06/2012 1400
Client Matrix: Solid % Moisture: 20.3 Date Received: 12/07/2012 1755

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70191	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69805	Lab File ID:	122612A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.54 g
Analysis Date:	12/26/2012 1653			Final Weight/Volume:	100 mL
Prep Date:	12/21/2012 1410				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.046	U	0.020	0.14

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **075TR-0003-0001-SO**

Lab Sample ID: 240-18544-39 Date Sampled: 12/06/2012 1400
Client Matrix: Solid % Moisture: 20.8 Date Received: 12/07/2012 1755

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70191	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69805	Lab File ID:	122612A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.54 g
Analysis Date:	12/26/2012 1705			Final Weight/Volume:	100 mL
Prep Date:	12/21/2012 1410				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.046	U	0.020	0.14

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **075TR-0004-0001-SO**

Lab Sample ID: 240-18544-40 Date Sampled: 12/06/2012 1410
Client Matrix: Solid % Moisture: 19.9 Date Received: 12/07/2012 1755

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70191	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69805	Lab File ID:	122612A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.53 g
Analysis Date:	12/26/2012 1720			Final Weight/Volume:	100 mL
Prep Date:	12/21/2012 1410				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.047	U	0.020	0.14

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **075TR-0005-0001-SO**

Lab Sample ID: 240-18544-41 Date Sampled: 12/06/2012 1420
Client Matrix: Solid % Moisture: 24.5 Date Received: 12/07/2012 1755

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70191	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69805	Lab File ID:	122612A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	12/26/2012 1712			Final Weight/Volume:	100 mL
Prep Date:	12/21/2012 1410				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.052	J	0.018	0.13

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **075TR-0006-0001-SO**

Lab Sample ID: 240-18544-42 Date Sampled: 12/06/2012 1430
Client Matrix: Solid % Moisture: 25.6 Date Received: 12/07/2012 1755

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70191	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69805	Lab File ID:	122612A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.68 g
Analysis Date:	12/26/2012 1710			Final Weight/Volume:	100 mL
Prep Date:	12/21/2012 1410				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.35		0.017	0.12

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Client Sample ID: **075TR-0007-0001-SO**

Lab Sample ID: 240-18544-43 Date Sampled: 12/06/2012 1440
Client Matrix: Solid % Moisture: 21.7 Date Received: 12/07/2012 1755

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70191	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-69805	Lab File ID:	122612A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.56 g
Analysis Date:	12/26/2012 1734			Final Weight/Volume:	100 mL
Prep Date:	12/21/2012 1410				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.048	J	0.019	0.14

General Chemistry

Client Sample ID: **072SB-0063-0001-SO**

Lab Sample ID: 240-18544-1 Date Sampled: 12/06/2012 0922

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	89		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	11		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0064-0001-SO**

Lab Sample ID: 240-18544-2 Date Sampled: 12/06/2012 0922

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	90		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	10		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0065-0001-SO**

Lab Sample ID: 240-18544-3 Date Sampled: 12/06/2012 0957
Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	89		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	11		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	10	J	mg/Kg	8.1	52	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1220						DryWt Corrected: Y
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **072SB-0066-0001-SO**

Lab Sample ID: 240-18544-4 Date Sampled: 12/06/2012 1012

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	89		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	11		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0067-0001-SO**

Lab Sample ID: 240-18544-5 Date Sampled: 12/06/2012 1020

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	90		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	10		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0068-0001-SO**

Lab Sample ID: 240-18544-6 Date Sampled: 12/06/2012 0928

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	90		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	9.7		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0090M-0001-SO**

Lab Sample ID: 240-18544-7 Date Sampled: 12/06/2012 1440

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	89		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	11		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0091M-0001-SO**

Lab Sample ID: 240-18544-8 Date Sampled: 12/06/2012 1440

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	93		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	7.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0092-0001-SO**

Lab Sample ID: 240-18544-10 Date Sampled: 12/06/2012 1325

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	91		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	8.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0093-0001-SO**

Lab Sample ID: 240-18544-11 Date Sampled: 12/06/2012 1325

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	92		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	8.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0094-0001-SO**

Lab Sample ID: 240-18544-12 Date Sampled: 12/06/2012 1335

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	91		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	9.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0095-0001-SO**

Lab Sample ID: 240-18544-13 Date Sampled: 12/06/2012 1335
Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	86		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	14		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0096-0001-SO**

Lab Sample ID: 240-18544-14 Date Sampled: 12/06/2012 1408

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	88		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	12		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0097-0001-SO**

Lab Sample ID: 240-18544-15 Date Sampled: 12/06/2012 1408

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	89		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	11		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0098-0001-SO**

Lab Sample ID: 240-18544-16 Date Sampled: 12/06/2012 1433

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	90		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	10		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	6.8	J	mg/Kg	5.9	38	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1222						DryWt Corrected: N
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **076SB-0099-0001-SO**

Lab Sample ID: 240-18544-17 Date Sampled: 12/06/2012 1540

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	92		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	8.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0078-0001-SO**

Lab Sample ID: 240-18544-18 Date Sampled: 12/06/2012 0930

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	92		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	8.3		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0100M-0001-SO**

Lab Sample ID: 240-18544-19 Date Sampled: 12/06/2012 1527

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	94		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	6.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	8.3	J	mg/Kg	7.2	46	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1224						DryWt Corrected: N
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **076SB-0101M-0001-SO**

Lab Sample ID: 240-18544-20 Date Sampled: 12/06/2012 1527

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	91		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	8.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	8.5	J	mg/Kg	7.0	45	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1238						DryWt Corrected: N
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **076SB-0102M-0001-SO**

Lab Sample ID: 240-18544-21 Date Sampled: 12/06/2012 1545

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	94		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	6.4		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	9.3	J	mg/Kg	7.2	46	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1240						DryWt Corrected: N
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **076SB-0103M-0001-SO**

Lab Sample ID: 240-18544-22 Date Sampled: 12/06/2012 1545

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	89		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	11		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	9.5	J	mg/Kg	7.6	49	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1242						DryWt Corrected: N
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **076SB-0104M-0001-SO**

Lab Sample ID: 240-18544-23 Date Sampled: 12/06/2012 1635

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	9.2	J	mg/Kg	7.6	49	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1244						DryWt Corrected: N
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **076SB-0105M-0001-SO**

Lab Sample ID: 240-18544-24 Date Sampled: 12/06/2012 1635

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	9.0	J	mg/Kg	7.7	50	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1246						DryWt Corrected: N
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **076SB-0106M-0001-SO**

Lab Sample ID: 240-18544-25 Date Sampled: 12/06/2012 1625

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	91		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	9.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	8.8	J	mg/Kg	7.6	49	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1248						DryWt Corrected: N
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **076SB-0107M-0001-SO**

Lab Sample ID: 240-18544-26 Date Sampled: 12/06/2012 1625

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	93		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	7.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	9.2	J	mg/Kg	7.4	47	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1250						DryWt Corrected: N
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **076SB-0108M-0001-SO**

Lab Sample ID: 240-18544-27 Date Sampled: 12/06/2012 1550

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	91		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	9.5		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	7.6	J	mg/Kg	7.0	45	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1252						DryWt Corrected: N
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **076SB-0109M-0001-SO**

Lab Sample ID: 240-18544-28 Date Sampled: 12/06/2012 1605

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	9.0	J	mg/Kg	7.5	48	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1302						DryWt Corrected: N
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **076SB-0110M-0001-SO**

Lab Sample ID: 240-18544-29 Date Sampled: 12/06/2012 1704

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	9.1	J	mg/Kg	7.3	47	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1304						DryWt Corrected: N
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **076SB-0111M-0001-SO**

Lab Sample ID: 240-18544-30 Date Sampled: 12/06/2012 1704

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0112M-0001-SO**

Lab Sample ID: 240-18544-31 Date Sampled: 12/06/2012 1725

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	89		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	11		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	9.5	J	mg/Kg	7.1	45	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1306						DryWt Corrected: N
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **076SB-0113M-0001-SO**

Lab Sample ID: 240-18544-32 Date Sampled: 12/06/2012 1725

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0114M-0001-SO**

Lab Sample ID: 240-18544-33 Date Sampled: 12/06/2012 1735

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	83		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	17		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Nitrocellulose	7.8	J	mg/Kg	7.2	46	1.0	WS-WC-0050
Analysis Batch: 320-7756	Analysis Date: 12/20/2012 1308						DryWt Corrected: N
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **076SB-0115M-0001-SO**

Lab Sample ID: 240-18544-34 Date Sampled: 12/06/2012 1735

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	82		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	18		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **075TR-0002-0001-SO**

Lab Sample ID: 240-18544-38 Date Sampled: 12/06/2012 1400

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **075TR-0003-0001-SO**

Lab Sample ID: 240-18544-39 Date Sampled: 12/06/2012 1400

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	79		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	21		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **075TR-0004-0001-SO**

Lab Sample ID: 240-18544-40 Date Sampled: 12/06/2012 1410

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **075TR-0005-0001-SO**

Lab Sample ID: 240-18544-41 Date Sampled: 12/06/2012 1420

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	75		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	25		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **075TR-0006-0001-SO**

Lab Sample ID: 240-18544-42 Date Sampled: 12/06/2012 1430

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	74		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	26		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

General Chemistry

Client Sample ID: **075TR-0007-0001-SO**

Lab Sample ID: 240-18544-43 Date Sampled: 12/06/2012 1440

Client Matrix: Solid Date Received: 12/07/2012 1755

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68070	Analysis Date: 12/10/2012 1600						DryWt Corrected: N

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
MRL 240-68663/5		111	104	108	109
MRL 240-68663/32		84	79	78Q	82Q
MRL 240-68830/14		101	103	102	104
MRL 240-68830/33		99	95	102	101
MRL 240-68879/5		99	102	97	102
MRL 240-68879/33		96	94	100	97
MRL 240-68905/5		98	98	98	100
MRL 240-68905/33		93	93	94	98

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	50-150
TOL = Toluene-d8 (Surr)	50-150
BFB = 4-Bromofluorobenzene (Surr)	50-150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-18544-1	072SB-0063-0001-SO	92	89	98	85
240-18544-2	072SB-0064-0001-SO	90	89	94	84Q
240-18544-3	072SB-0065-0001-SO	103	113	103	102
240-18544-4	072SB-0066-0001-SO	96	102	93	95
240-18544-5	072SB-0067-0001-SO	96	101	91	96
240-18544-6	072SB-0068-0001-SO	92	95	94	96
240-18544-7	076SB-0090M-0001-SO	103	102	110	85
240-18544-8	076SB-0091M-0001-SO	94	100	100	93
240-18544-10	076SB-0092-0001-SO	97	106	99	103
240-18544-11	076SB-0093-0001-SO	94	102	92	94
240-18544-12	076SB-0094-0001-SO	85	83	89	81Q
240-18544-13	076SB-0095-0001-SO	100	102	102	93
240-18544-14	076SB-0096-0001-SO	93	100	95	92
240-18544-15	076SB-0097-0001-SO	96	103	96	93
240-18544-16	076SB-0098-0001-SO	97	98	101	86
240-18544-17	076SB-0099-0001-SO	99	98	108	84Q
240-18544-18	076SB-0078-0001-SO	94	100	92	95
240-18544-19	076SB-0100M-0001-SO	98	99	100	99
240-18544-20	076SB-0101M-0001-SO	94	94	100	86
240-18544-21	076SB-0102M-0001-SO	94	97	100	88
240-18544-22	076SB-0103M-0001-SO	102	109	102	100
240-18544-23	076SB-0104M-0001-SO	103	108	99	96
240-18544-24	076SB-0105M-0001-SO	100	108	99	95
240-18544-25	076SB-0106M-0001-SO	97	104	96	93

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	59-138
DCA = 1,2-Dichloroethane-d4 (Surr)	61-130
TOL = Toluene-d8 (Surr)	85-115
BFB = 4-Bromofluorobenzene (Surr)	85-120

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-18544-26	076SB-0107M-0001-SO	94	94	96	89
240-18544-27	076SB-0108M-0001-SO	97	103	97	92
240-18544-28	076SB-0109M-0001-SO	94	103	92	89
240-18544-29	076SB-0110M-0001-SO	92	100	91	90
240-18544-30	076SB-0111M-0001-SO	92	99	92	92
240-18544-31	076SB-0112M-0001-SO	100	107	99	96
240-18544-32	076SB-0113M-0001-SO	95	96	103	83Q
240-18544-33	076SB-0114M-0001-SO	93	91	97	91
240-18544-34	076SB-0115M-0001-SO	92	93	97	88
MB 240-68663/7		106	104	104	102
MB 240-68830/15		97	95	99	96
MB 240-68879/7		99	100	102	100
MB 240-68905/7		98	102	98	98
LCS 240-68663/6		107	100	109	106
LCS 240-68830/13		104	104	107	107
LCS 240-68879/6		101	97	103	102
LCS 240-68905/6		103	103	102	101
240-18544-1 MS	072SB-0063-0001-SO MS	85	77	89	81Q
240-18544-7 MS	076SB-0090M-0001-SO MS	102	96	110	98
240-18544-8 MS	076SB-0091M-0001-SO MS	99	96	100	94
240-18544-19 MS	076SB-0100M-0001-SO MS	104	105	103	102

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	59-138
DCA = 1,2-Dichloroethane-d4 (Surr)	61-130
TOL = Toluene-d8 (Surr)	85-115
BFB = 4-Bromofluorobenzene (Surr)	85-120

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-18544-1 MSD	072SB-0063-0001-SO MSD	74	68	77Q	69Q
240-18544-7 MSD	076SB-0090M-0001-SO MSD	100	97	108	92
240-18544-8 MSD	076SB-0091M-0001-SO MSD	97	95	100	97
240-18544-19 MSD	076SB-0100M-0001-SO MSD	100	98	104	102

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	59-138
DCA = 1,2-Dichloroethane-d4 (Surr)	61-130
TOL = Toluene-d8 (Surr)	85-115
BFB = 4-Bromofluorobenzene (Surr)	85-120

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
MRL 240-68395/4		91	98	98	105
MRL 240-68395/22		91	95	98	104

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	50-150
TOL = Toluene-d8 (Surr)	50-150
BFB = 4-Bromofluorobenzene (Surr)	50-150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-18544-9	072SB-0069-0001-TB	90	96	98	102
240-18544-35	076SB-0116-0001-TB	88	93	100	103
240-18544-36	076SB-0117-0001-TB	89	93	97	104
240-18544-37	076SB-0118-0001-TB	89	95	95	103
MB 240-68395/6		90	95	98	102
LCS 240-68395/5		92	95	97	106

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	85-115
DCA = 1,2-Dichloroethane-d4 (Surr)	70-120
TOL = Toluene-d8 (Surr)	85-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
240-18544-1	072SB-0063-0001-SO	65	66	52	52	38	59
240-18544-2	072SB-0064-0001-SO	62	60	49	47	47	57
240-18544-3	072SB-0065-0001-SO	68	65	51	51	50	61
240-18544-4	072SB-0066-0001-SO	67	66	51	51	58	59
240-18544-5	072SB-0067-0001-SO	54	56	40	48	55	60
240-18544-6	072SB-0068-0001-SO	66	64	49	50	45	57
240-18544-7	076SB-0090M-0001-SO	64	66	51	51	64	60
240-18544-8	076SB-0091M-0001-SO	71	70	53	56	69	65
240-18544-10	076SB-0092-0001-SO	66	64	48	51	74	65
240-18544-11	076SB-0093-0001-SO	65	64	51	52	73	66
240-18544-12	076SB-0094-0001-SO	69	67	52	52	67	59
240-18544-13	076SB-0095-0001-SO	68	68	52	53	68	60
240-18544-14	076SB-0096-0001-SO	62	59	45	46	56	56
240-18544-15	076SB-0097-0001-SO	63	63	49	49	59	57
240-18544-16	076SB-0098-0001-SO	66	68	54	53	47	59
240-18544-17	076SB-0099-0001-SO	72	71	56	56	71	63
240-18544-18	076SB-0078-0001-SO	64	61	50	49	57	62
240-18544-19	076SB-0100M-0001-SO	65	65	52	53	58	59
240-18544-20	076SB-0101M-0001-SO	65	66	54	52	52	61
240-18544-21	076SB-0102M-0001-SO	65	66	49	52	61	59
240-18544-22	076SB-0103M-0001-SO	62	62	46	48	61	58
240-18544-23	076SB-0104M-0001-SO	61	66	51	53	59	60
240-18544-24	076SB-0105M-0001-SO	60	65	49	51	63	61
240-18544-25	076SB-0106M-0001-SO	49	67	57	57	22Q	62

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	35-105
PHL = Phenol-d5 (Surr)	40-100
NBZ = Nitrobenzene-d5 (Surr)	35-100
FBP = 2-Fluorobiphenyl (Surr)	45-105
TBP = 2,4,6-Tribromophenol (Surr)	35-125
TPH = Terphenyl-d14 (Surr)	30-125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
240-18544-25 RE	076SB-0106M-0001-SO RE	72	82	65	60	53	70
240-18544-26	076SB-0107M-0001-SO	60	71	57	56	50	65
240-18544-27	076SB-0108M-0001-SO	57	62	48	50	42	56
240-18544-28	076SB-0109M-0001-SO	63	69	58	56	59	64
240-18544-29	076SB-0110M-0001-SO	64	73	56	54	65	62
240-18544-30	076SB-0111M-0001-SO	59	64	50	51	58	55
240-18544-31	076SB-0112M-0001-SO	79	76	50	59	51	63
240-18544-32	076SB-0113M-0001-SO	86	78	61	62	57	71
240-18544-33	076SB-0114M-0001-SO	60	62	48	47	58	54
240-18544-34	076SB-0115M-0001-SO	66	67	51	52	69	61
MB 240-69176/23-A		73	72	57	57	61	68
MB 240-69185/20-A		78	79	62	61	67	74
MB 240-70267/23-A		76	75	63	56	65	66
LCS 240-69176/24-A		80	80	62	61	75	68
LCS 240-69185/21-A		79	79	61	59	63	70
LCS 240-70267/24-A		78	80	62	58	75	70
240-18544-1 MS	072SB-0063-0001-SO MS	75	75	59	59	58	67
240-18544-7 MS	076SB-0090M-0001-SO MS	61	60	49	49	52	55
240-18544-8 MS	076SB-0091M-0001-SO MS	67	66	50	50	70	60
240-18544-19 MS	076SB-0100M-0001-SO MS	59	58	44	46	58	48
240-18544-1 MSD	072SB-0063-0001-SO MSD	63	64	52	51	56	63

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	35-105
PHL = Phenol-d5 (Surr)	40-100
NBZ = Nitrobenzene-d5 (Surr)	35-100
FBP = 2-Fluorobiphenyl (Surr)	45-105
TBP = 2,4,6-Tribromophenol (Surr)	35-125
TPH = Terphenyl-d14 (Surr)	30-125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
240-18544-7 MSD	076SB-0090M-0001-SO MSD	74	73	58	59	76	65
240-18544-8 MSD	076SB-0091M-0001-SO MSD	63	60	48	48	59	49
240-18544-19 MSD	076SB-0100M-0001-SO MSD	65	62	50	48	58	51

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	35-105
PHL = Phenol-d5 (Surr)	40-100
NBZ = Nitrobenzene-d5 (Surr)	35-100
FBP = 2-Fluorobiphenyl (Surr)	45-105
TBP = 2,4,6-Tribromophenol (Surr)	35-125
TPH = Terphenyl-d14 (Surr)	30-125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
MRL 240-69932/3		102	102Q	102Q	103	109	104
MRL 240-69932/24		102	102Q	100	104	115	100
MRL 240-69977/3		100	98	96	98	100	94
MRL 240-69977/27		101	101Q	97	98	105	94

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	50-150
PHL = Phenol-d5 (Surr)	50-150
NBZ = Nitrobenzene-d5 (Surr)	50-150
FBP = 2-Fluorobiphenyl (Surr)	50-150
TBP = 2,4,6-Tribromophenol (Surr)	50-150
TPH = Terphenyl-d14 (Surr)	50-150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
MRL 240-70078/3		107Q	104Q	100	102	106	102
MRL 240-70078/16		103	104Q	104Q	103	110	102
MRL 240-70566/3		103	106Q	107Q	95	109	100
MRL 240-70566/13		112Q	109Q	98	99	112	99
MRL 240-70814/11		105	101Q	92	102	105	95
MRL 240-70814/13		102	98	106Q	100	118	97

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	50-150
PHL = Phenol-d5 (Surr)	50-150
NBZ = Nitrobenzene-d5 (Surr)	50-150
FBP = 2-Fluorobiphenyl (Surr)	50-150
TBP = 2,4,6-Tribromophenol (Surr)	50-150
TPH = Terphenyl-d14 (Surr)	50-150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
240-18544-1	072SB-0063-0001-SO	83
240-18544-2	072SB-0064-0001-SO	74
240-18544-3	072SB-0065-0001-SO	80
240-18544-4	072SB-0066-0001-SO	78
240-18544-6	072SB-0068-0001-SO	76
240-18544-18	076SB-0078-0001-SO	71
MB 240-69142/42		80
MB 240-69540/10		77
LCS 240-69142/43		88
LCS 240-69540/8		88
240-18544-1 MS	072SB-0063-0001-SO MS	87
240-18544-1 MSD	072SB-0063-0001-SO MSD	86

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	10-150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
MRL 240-69142/32		80
MRL 240-69142/55		75
MRL 240-69540/6		78
MRL 240-69540/23		78

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	70-130

Client: Environmental Chemical Corp.

Job Number: 240-18544-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
240-18544-5	072SB-0067-0001-SO	76
MB 240-69008/1-A		79
LCS 240-69008/2-A		93

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	10-150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8015B_DRO/DOD_Diesel Range Organics (DRO) (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	C9 %Rec
240-18544-1	072SB-0063-0001-SO	63
240-18544-2	072SB-0064-0001-SO	73
240-18544-3	072SB-0065-0001-SO	59
240-18544-4	072SB-0066-0001-SO	61
240-18544-5	072SB-0067-0001-SO	63
240-18544-6	072SB-0068-0001-SO	65
240-18544-18	076SB-0078-0001-SO	54
MB 240-69020/4-A		67
LCS 240-69020/24-A		63
240-18544-1 MS	072SB-0063-0001-SO MS	62
240-18544-1 MSD	072SB-0063-0001-SO MSD	74

Surrogate	Acceptance Limits
C9 = n-Nonane	10-110

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8015B_DRO/DOD_Diesel Range Organics (DRO) (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	C9 %Rec
MRL 240-69251/9		99
MRL 240-69251/39		83
MRL 240-69475/4		84
MRL 240-69475/37		108

Surrogate	Acceptance Limits
C9 = n-Nonane	70-130

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8081/DOD Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
240-18544-3	072SB-0065-0001-SO	87	114	89	103
240-18544-16	076SB-0098-0001-SO	78	78	81	80
240-18544-20	076SB-0101M-0001-SO	71	80	75	72
240-18544-27	076SB-0108M-0001-SO	70M	66Q	71	65
240-18544-28	076SB-0109M-0001-SO	73M	70M	74	64
240-18544-29	076SB-0110M-0001-SO	90	173M Q	81	86
240-18544-31	076SB-0112M-0001-SO	80	93	87	71
240-18544-33	076SB-0114M-0001-SO	78	78	89	73
MB 240-68407/10-A		84	78	85M	71
MB 240-69197/10-A		78	77	83	68M
LCS 240-68407/9-A		78	81	76	76
LCS 240-69197/11-A		85	82	79	81
240-18544-16 MS	076SB-0098-0001-SO MS	85	85	81	87
240-18544-16 MSD	076SB-0098-0001-SO MSD	82	81	81	85

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	70-125
DCB = DCB Decachlorobiphenyl	55-130

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
240-18544-3	072SB-0065-0001-SO	101	77	92	85
240-18544-16	076SB-0098-0001-SO	74	73	61	62
240-18544-19	076SB-0100M-0001-SO	75	72	59Q	60
240-18544-20	076SB-0101M-0001-SO	81	78	72	73
240-18544-21	076SB-0102M-0001-SO	85	79	71	73
240-18544-22	076SB-0103M-0001-SO	88	84	72	74
240-18544-23	076SB-0104M-0001-SO	62	61	55Q	57Q
240-18544-24	076SB-0105M-0001-SO	71	68	63	67
240-18544-25	076SB-0106M-0001-SO	80	75	65	68
240-18544-26	076SB-0107M-0001-SO	88	86	75	76
240-18544-27	076SB-0108M-0001-SO	72	70	63	65
240-18544-28	076SB-0109M-0001-SO	69	67	60	61
240-18544-29	076SB-0110M-0001-SO	73	70	67	65
240-18544-31	076SB-0112M-0001-SO	76	77	67	67
240-18544-33	076SB-0114M-0001-SO	77	71	73	69
240-18544-34	076SB-0115M-0001-SO	73	69	65	64
MB 240-68401/24-A		85	78	92	83
MB 240-69187/19-A		80	74	69	71
LCS 240-68401/23-A		74	73	65	62
LCS 240-69187/20-A		100	87	72M	82
240-18544-19 MS	076SB-0100M-0001-SO MS	78	79	69	69

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	60-125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
240-18544-19 MSD	076SB-0100M-0001-SO MSD	78	79	66	68

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	60-125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
MRL 240-68676/10		111	102	125	114
MRL 240-68676/33		112	104	92	97

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	50-150
DCB = DCB Decachlorobiphenyl	50-150

Client: Environmental Chemical Corp.

Job Number: 240-18544-1

Surrogate Recovery Report

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
MRL 240-69521/4		114	140	90	100
MRL 240-69521/27		117	141Q	93	97

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	50-150
DCB = DCB Decachlorobiphenyl	50-150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8330B_Nitroaromatics and Nitramines (HPLC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DNT1 %Rec	DNT2 %Rec
240-18544-3	072SB-0065-0001-SO	96	
240-18544-16	076SB-0098-0001-SO	95	
240-18544-19	076SB-0100M-0001-SO	95M	
240-18544-19	076SB-0100M-0001-SO		89
240-18544-20	076SB-0101M-0001-SO	99	
240-18544-21	076SB-0102M-0001-SO	95	
240-18544-21	076SB-0102M-0001-SO		90
240-18544-22	076SB-0103M-0001-SO	95	
240-18544-23	076SB-0104M-0001-SO	96	
240-18544-24	076SB-0105M-0001-SO	99	
240-18544-25	076SB-0106M-0001-SO	98	
240-18544-26	076SB-0107M-0001-SO	96	
240-18544-26	076SB-0107M-0001-SO		89
240-18544-27	076SB-0108M-0001-SO	97	
240-18544-28	076SB-0109M-0001-SO	95	
240-18544-29	076SB-0110M-0001-SO	97	
240-18544-31	076SB-0112M-0001-SO	95	
240-18544-33	076SB-0114M-0001-SO	100	
MB 320-7444/1-A		97	
MB 320-7444/1-A			91

Surrogate	Acceptance Limits
DNT = 3,4-Dinitrotoluene	78-118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate Recovery Report

8330B Nitroaromatics and Nitramines (HPLC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DNT1 %Rec	DNT2 %Rec
LCS 320-7444/2-A		97	
240-18544-19 MS	076SB-0100M-0001-SO MS	97	
240-18544-19 MSD	076SB-0100M-0001-SO MSD	99	

Surrogate	Acceptance Limits
DNT = 3,4-Dinitrotoluene	78-118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-68262

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-18544-1	Analysis Batch:	240-68663	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-68262	Lab File ID:	UX82446.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.794 g
Analysis Date:	12/14/2012 0732			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				
Leach Date:	N/A				

MSD Lab Sample ID:	240-18544-1	Analysis Batch:	240-68663	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-68262	Lab File ID:	UX82447.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	3.794 g
Analysis Date:	12/14/2012 0753			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				
Leach Date:	N/A				

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	102	101	75 - 125	40	30		J
Ethylbenzene	97	97	75 - 125	42	30		J
Methyl tert-butyl ether	92	93	70 - 130	42	30		J
Toluene	98	97	70 - 125	40	30		J
Xylenes, Total	98	97	75 - 125	40	30		J

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
4-Bromofluorobenzene (Surr)	81	Q	69	Q	85 - 120
Dibromofluoromethane (Surr)	85		74		59 - 138
1,2-Dichloroethane-d4 (Surr)	77		68		61 - 130
Toluene-d8 (Surr)	89		77	Q	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-68262

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-18544-7	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-68262	Lab File ID:	UX82473.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.486 g
Analysis Date:	12/15/2012 0355			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				
Leach Date:	N/A				

MSD Lab Sample ID:	240-18544-7	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-68262	Lab File ID:	UX82474.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	3.613 g
Analysis Date:	12/15/2012 0416			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	82	92	20 - 160	33	30		J
Benzene	99	103	75 - 125	26	30		
Bromochloromethane	92	98	70 - 125	29	30		
Bromodichloromethane	96	101	70 - 130	27	30		
Bromoform	76	81	55 - 135	28	30		
Bromomethane	85	82	30 - 160	19	30		
2-Butanone (MEK)	79	91	30 - 160	36	30		J
Carbon disulfide	104	107	45 - 160	24	30		
Carbon tetrachloride	105	109	65 - 135	25	30		
Chlorobenzene	95	99	75 - 125	26	30		
Chloroethane	93	94	40 - 155	23	30		
Chloroform	95	100	70 - 125	26	30		
Chloromethane	93	94	50 - 130	22	30		
cis-1,3-Dichloropropene	86	94	70 - 125	30	30		
Dibromochloromethane	90	96	65 - 130	28	30		
1,1-Dichloroethane	97	105	75 - 125	29	30		
1,2-Dichloroethane	94	102	70 - 135	30	30		
1,1-Dichloroethene	111	119	65 - 135	28	30		
1,2-Dichloropropane	96	103	70 - 120	28	30		
Ethylbenzene	100	105	75 - 125	26	30		
2-Hexanone	78	95	45 - 145	40	30		J
Methylene Chloride	97	106	55 - 140	30	30		
4-Methyl-2-pentanone (MIBK)	79	94	45 - 145	38	30		J
Styrene	102	103	75 - 125	23	30		
1,1,2,2-Tetrachloroethane	98	115	55 - 130	37	30		J
Tetrachloroethene	105	106	65 - 140	23	30		
Toluene	102	103	70 - 125	22	30		
trans-1,3-Dichloropropene	81	87	65 - 125	29	30		
1,1,1-Trichloroethane	103	106	70 - 135	25	30		
1,1,2-Trichloroethane	95	104	60 - 125	31	30		J
Trichloroethene	100	102	75 - 125	23	30		
Vinyl chloride	98	97	60 - 125	21	30		
Xylenes, Total	104	105	75 - 125	23	30		

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	98	92	85 - 120
Dibromofluoromethane (Surr)	102	100	59 - 138
1,2-Dichloroethane-d4 (Surr)	96	97	61 - 130
Toluene-d8 (Surr)	110	108	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-68262

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-18544-8	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-68262	Lab File ID:	UX82503.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.265 g
Analysis Date:	12/15/2012 2100			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				
Leach Date:	N/A				

MSD Lab Sample ID:	240-18544-8	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-68262	Lab File ID:	UX82504.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	4.035 g
Analysis Date:	12/15/2012 2121			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	100	96	20 - 160	1	30		
Benzene	105	107	75 - 125	8	30		
Bromochloromethane	97	97	70 - 125	6	30		
Bromodichloromethane	106	107	70 - 130	6	30		
Bromoform	85	83	55 - 135	3	30		
Bromomethane	79	84	30 - 160	12	30		
2-Butanone (MEK)	99	91	30 - 160	3	30		
Carbon disulfide	108	111	45 - 160	8	30		
Carbon tetrachloride	106	112	65 - 135	11	30		
Chlorobenzene	99	102	75 - 125	8	30		
Chloroethane	92	92	40 - 155	6	30		
Chloroform	101	103	70 - 125	7	30		
Chloromethane	91	96	50 - 130	11	30		
cis-1,3-Dichloropropene	95	101	70 - 125	11	30		
Dibromochloromethane	98	97	65 - 130	4	30		
1,1-Dichloroethane	104	107	75 - 125	8	30		
1,2-Dichloroethane	102	103	70 - 135	6	30		
1,1-Dichloroethene	120	119	65 - 135	5	30		
1,2-Dichloropropane	101	105	70 - 120	9	30		
Ethylbenzene	103	106	75 - 125	8	30		
2-Hexanone	98	93	45 - 145	1	30		
Methylene Chloride	97	98	55 - 140	7	30		
4-Methyl-2-pentanone (MIBK)	99	94	45 - 145	1	30		
Styrene	106	109	75 - 125	9	30		
1,1,2,2-Tetrachloroethane	106	99	55 - 130	1	30		
Tetrachloroethene	106	107	65 - 140	6	30		
Toluene	105	106	70 - 125	6	30		
trans-1,3-Dichloropropene	87	89	65 - 125	8	30		
1,1,1-Trichloroethane	107	108	70 - 135	7	30		
1,1,2-Trichloroethane	100	102	60 - 125	7	30		
Trichloroethene	102	106	75 - 125	10	30		
Vinyl chloride	96	100	60 - 125	10	30		
Xylenes, Total	104	107	75 - 125	9	30		

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	94	97	85 - 120
Dibromofluoromethane (Surr)	99	97	59 - 138
1,2-Dichloroethane-d4 (Surr)	96	95	61 - 130
Toluene-d8 (Surr)	100	100	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-68262

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-18544-19	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-68262	Lab File ID:	UX82506.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	6.728 g
Analysis Date:	12/15/2012 2204			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				
Leach Date:	N/A				

MSD Lab Sample ID:	240-18544-19	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	240-68262	Lab File ID:	UX82507.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.486 g
Analysis Date:	12/15/2012 2225			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	93	99	20 - 160	26	30		
Benzene	99	109	75 - 125	30	30		
Bromochloromethane	92	100	70 - 125	28	30		
Bromodichloromethane	101	110	70 - 130	28	30		
Bromoform	78	89	55 - 135	33	30		J
Bromomethane	78	87	30 - 160	31	30		J
2-Butanone (MEK)	86	92	30 - 160	28	30		
Carbon disulfide	102	113	45 - 160	30	30		
Carbon tetrachloride	104	115	65 - 135	30	30		
Chlorobenzene	95	107	75 - 125	33	30		J
Chloroethane	86	101	40 - 155	36	30		J
Chloroform	96	106	70 - 125	30	30		
Chloromethane	87	101	50 - 130	35	30		J
cis-1,3-Dichloropropene	91	104	70 - 125	33	30		J
Dibromochloromethane	89	101	65 - 130	33	30		J
1,1-Dichloroethane	98	110	75 - 125	32	30		J
1,2-Dichloroethane	99	106	70 - 135	27	30		
1,1-Dichloroethene	113	123	65 - 135	29	30		
1,2-Dichloropropane	99	108	70 - 120	29	30		
Ethylbenzene	95	111	75 - 125	35	30		J
2-Hexanone	75	87	45 - 145	34	30		J
Methylene Chloride	112	119	55 - 140	26	30		
4-Methyl-2-pentanone (MIBK)	82	91	45 - 145	30	30		
Styrene	101	117	75 - 125	35	30		J
1,1,2,2-Tetrachloroethane	91	104	55 - 130	34	30		J
Tetrachloroethene	97	109	65 - 140	32	30		J
Toluene	94	110	70 - 125	33	30		J
trans-1,3-Dichloropropene	82	92	65 - 125	32	30		J
1,1,1-Trichloroethane	102	113	70 - 135	31	30		J
1,1,2-Trichloroethane	94	105	60 - 125	31	30		J
Trichloroethene	99	106	75 - 125	28	30		
Vinyl chloride	92	107	60 - 125	35	30		J
Xylenes, Total	99	112	75 - 125	33	30		J

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	102	102	85 - 120
Dibromofluoromethane (Surr)	104	100	59 - 138
1,2-Dichloroethane-d4 (Surr)	105	98	61 - 130
Toluene-d8 (Surr)	103	104	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-68262

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-18544-1	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	12/14/2012 0732		
Prep Date:	12/07/2012 2005		
Leach Date:	N/A		

MSD Lab Sample ID:	240-18544-1
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	12/14/2012 0753
Prep Date:	12/07/2012 2005
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Benzene	0.58	U	24.3	37.1	24.9	37.3	J
Ethylbenzene	0.58	U	24.3	37.1	23.5	35.9	J
Methyl tert-butyl ether	0.58	U	24.3	37.1	22.4	34.4	J
Toluene	0.58	U	24.3	37.1	23.8	35.9	J
Xylenes, Total	1.8	U	72.9	111	71.7	108	J

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-68262

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-18544-7	Units:	ug/Kg	MSD Lab Sample ID:	240-18544-7
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/15/2012 0355			Analysis Date:	12/15/2012 0416
Prep Date:	12/07/2012 2005			Prep Date:	12/07/2012 2005
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Acetone	7.8	U	62.4	77.4	51.0	71.5	J
Benzene	0.62	U	31.2	38.7	30.9	40.0	
Bromochloromethane	1.2	U	31.2	38.7	28.6	38.1	
Bromodichloromethane	0.62	U	31.2	38.7	29.9	39.3	
Bromoform	0.62	U	31.2	38.7	23.6	31.2	
Bromomethane	1.2	U	31.2	38.7	26.4	31.9	
2-Butanone (MEK)	2.5	U	62.4	77.4	49.1	70.4	J
Carbon disulfide	0.62	U	31.2	38.7	32.5	41.6	
Carbon tetrachloride	0.62	U	31.2	38.7	32.7	42.1	
Chlorobenzene	0.62	U	31.2	38.7	29.6	38.4	
Chloroethane	1.2	U	31.2	38.7	28.9	36.5	
Chloroform	0.62	U	31.2	38.7	29.6	38.6	
Chloromethane	0.62	U	31.2	38.7	29.1	36.3	
cis-1,3-Dichloropropene	0.62	U	31.2	38.7	26.8	36.2	
Dibromochloromethane	1.2	U	31.2	38.7	28.0	37.0	
1,1-Dichloroethane	0.62	U	31.2	38.7	30.4	40.8	
1,2-Dichloroethane	0.62	U	31.2	38.7	29.2	39.5	
1,1-Dichloroethene	1.2	U	31.2	38.7	34.7	46.2	
1,2-Dichloropropane	1.2	U	31.2	38.7	30.1	39.7	
Ethylbenzene	0.62	U	31.2	38.7	31.2	40.5	
2-Hexanone	1.2	U	62.4	77.4	48.9	73.7	J
Methylene Chloride	1.2	U	31.2	38.7	30.3	40.9	
4-Methyl-2-pentanone (MIBK)	1.2	U	62.4	77.4	49.3	72.5	J
Styrene	0.62	U	31.2	38.7	31.8	40.0	
1,1,2,2-Tetrachloroethane	0.62	U	31.2	38.7	30.7	44.6	J
Tetrachloroethene	1.2	U	31.2	38.7	32.6	41.0	
Toluene	1.5	J	31.2	38.7	33.3	41.4	
trans-1,3-Dichloropropene	1.2	U	31.2	38.7	25.1	33.8	
1,1,1-Trichloroethane	1.2	U	31.2	38.7	32.1	41.2	
1,1,2-Trichloroethane	0.62	U	31.2	38.7	29.5	40.1	J
Trichloroethene	0.62	U	31.2	38.7	31.3	39.4	
Vinyl chloride	0.62	U	31.2	38.7	30.5	37.7	
Xylenes, Total	1.9	U	93.5	116	96.9	122	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-68262

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-18544-8	Units:	ug/Kg	MSD Lab Sample ID:	240-18544-8
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/15/2012 2100			Analysis Date:	12/15/2012 2121
Prep Date:	12/07/2012 2005			Prep Date:	12/07/2012 2005
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Acetone	6.4	U	63.0	66.6	63.0	63.8
Benzene	0.51	U	31.5	33.3	33.1	35.7
Bromochloromethane	1.0	U	31.5	33.3	30.5	32.4
Bromodichloromethane	0.51	U	31.5	33.3	33.3	35.5
Bromoform	0.51	U	31.5	33.3	26.7	27.6
Bromomethane	1.0	U	31.5	33.3	24.8	28.0
2-Butanone (MEK)	2.0	U	63.0	66.6	62.4	60.8
Carbon disulfide	0.51	U	31.5	33.3	34.1	36.9
Carbon tetrachloride	0.51	U	31.5	33.3	33.5	37.3
Chlorobenzene	0.51	U	31.5	33.3	31.3	33.9
Chloroethane	1.0	U	31.5	33.3	28.9	30.7
Chloroform	0.51	U	31.5	33.3	31.8	34.2
Chloromethane	0.51	U	31.5	33.3	28.7	32.1
cis-1,3-Dichloropropene	0.51	U	31.5	33.3	30.0	33.5
Dibromochloromethane	1.0	U	31.5	33.3	31.0	32.2
1,1-Dichloroethane	0.51	U	31.5	33.3	32.8	35.7
1,2-Dichloroethane	0.51	U	31.5	33.3	32.3	34.4
1,1-Dichloroethene	1.0	U	31.5	33.3	37.8	39.6
1,2-Dichloropropane	1.0	U	31.5	33.3	31.9	34.9
Ethylbenzene	0.51	U	31.5	33.3	32.5	35.3
2-Hexanone	1.0	U	63.0	66.6	61.6	61.9
Methylene Chloride	1.6	J	31.5	33.3	32.0	34.2
4-Methyl-2-pentanone (MIBK)	1.0	U	63.0	66.6	62.2	62.6
Styrene	0.51	U	31.5	33.3	33.3	36.5
1,1,2,2-Tetrachloroethane	0.51	U	31.5	33.3	33.3	32.9
Tetrachloroethene	1.0	U	31.5	33.3	33.4	35.6
Toluene	2.0	J	31.5	33.3	35.0	37.3
trans-1,3-Dichloropropene	1.0	U	31.5	33.3	27.4	29.7
1,1,1-Trichloroethane	1.0	U	31.5	33.3	33.6	36.1
1,1,2-Trichloroethane	0.51	U	31.5	33.3	31.6	34.1
Trichloroethene	0.51	U	31.5	33.3	32.1	35.5
Vinyl chloride	0.51	U	31.5	33.3	30.3	33.5
Xylenes, Total	1.5	U	94.6	99.9	98.5	107

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-68262

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-18544-19	Units:	ug/Kg	MSD Lab Sample ID:	240-18544-19
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/15/2012 2204			Analysis Date:	12/15/2012 2225
Prep Date:	12/07/2012 2005			Prep Date:	12/07/2012 2005
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Acetone	7.0	U	39.5	48.5	36.8	48.0	
Benzene	0.55	U	19.8	24.3	19.6	26.5	
Bromochloromethane	1.1	U	19.8	24.3	18.2	24.2	
Bromodichloromethane	0.55	U	19.8	24.3	20.1	26.6	
Bromoform	0.55	U	19.8	24.3	15.4	21.6	J
Bromomethane	1.1	U	19.8	24.3	15.4	21.1	J
2-Butanone (MEK)	2.2	U	39.5	48.5	33.9	44.9	
Carbon disulfide	0.55	U	19.8	24.3	20.2	27.4	
Carbon tetrachloride	0.55	U	19.8	24.3	20.6	28.0	
Chlorobenzene	0.55	U	19.8	24.3	18.7	26.0	J
Chloroethane	1.1	U	19.8	24.3	17.0	24.5	J
Chloroform	0.55	U	19.8	24.3	19.1	25.8	
Chloromethane	0.55	U	19.8	24.3	17.1	24.5	J
cis-1,3-Dichloropropene	0.55	U	19.8	24.3	18.0	25.2	J
Dibromochloromethane	1.1	U	19.8	24.3	17.6	24.6	J
1,1-Dichloroethane	0.55	U	19.8	24.3	19.4	26.8	J
1,2-Dichloroethane	0.55	U	19.8	24.3	19.6	25.8	
1,1-Dichloroethene	1.1	U	19.8	24.3	22.3	29.9	
1,2-Dichloropropane	1.1	U	19.8	24.3	19.5	26.2	
Ethylbenzene	0.55	U	19.8	24.3	18.9	27.0	J
2-Hexanone	2.0	J	39.5	48.5	31.6	44.4	J
Methylene Chloride	1.1	U	19.8	24.3	22.2	28.7	
4-Methyl-2-pentanone (MIBK)	1.3	J	39.5	48.5	33.7	45.5	
Styrene	0.55	U	19.8	24.3	19.9	28.3	J
1,1,2,2-Tetrachloroethane	0.55	U	19.8	24.3	17.9	25.3	J
Tetrachloroethene	1.1	U	19.8	24.3	19.2	26.5	J
Toluene	1.7	J	19.8	24.3	20.2	28.3	J
trans-1,3-Dichloropropene	1.1	U	19.8	24.3	16.1	22.2	J
1,1,1-Trichloroethane	1.1	U	19.8	24.3	20.2	27.5	J
1,1,2-Trichloroethane	0.55	U	19.8	24.3	18.6	25.4	J
Trichloroethene	0.55	U	19.8	24.3	19.5	25.8	
Vinyl chloride	0.55	U	19.8	24.3	18.2	25.9	J
Xylenes, Total	1.7	U	59.3	72.8	58.5	81.8	J

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-68395

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	MB 240-68395/6	Analysis Batch:	240-68395	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8972.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/12/2012 1401	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/12/2012 1401				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
2-Butanone (MEK)	0.57	U	0.57	10
Acetone	1.1	U	1.1	10
Benzene	0.25	U	0.13	1.0
Bromoform	0.64	U	0.64	1.0
1,1-Dichloroethane	0.25	U	0.15	1.0
Bromomethane	0.50	U	0.41	1.0
Carbon disulfide	0.25	U	0.13	1.0
1,2-Dichloroethane	0.25	U	0.22	1.0
Carbon tetrachloride	0.25	U	0.13	1.0
Chlorobenzene	0.25	U	0.15	1.0
1,1-Dichloroethene	0.25	U	0.19	1.0
1,2-Dichloroethene, Total	0.50	U	0.34	2.0
Bromodichloromethane	0.25	U	0.15	1.0
1,2-Dichloropropane	0.25	U	0.18	1.0
Chloromethane	0.50	U	0.30	1.0
2-Hexanone	0.50	U	0.41	10
cis-1,3-Dichloropropene	0.25	U	0.14	1.0
Dibromochloromethane	0.25	U	0.18	1.0
4-Methyl-2-pentanone (MIBK)	0.50	U	0.32	10
Ethylbenzene	0.25	U	0.17	1.0
Methyl tert-butyl ether	0.25	U	0.17	1.0
Methylene Chloride	0.691	J	0.33	1.0
1,1,2,2-Tetrachloroethane	0.25	U	0.18	1.0
Styrene	0.25	U	0.11	1.0
Tetrachloroethene	0.50	U	0.29	1.0
Toluene	0.25	U	0.13	1.0
Chloroform	0.25	U	0.16	1.0
Bromochloromethane	0.50	U	0.29	1.0
1,1,1-Trichloroethane	0.25	U	0.22	1.0
trans-1,3-Dichloropropene	0.25	U	0.19	1.0
1,1,2-Trichloroethane	0.50	U	0.27	1.0
1,2-Dibromoethane	0.25	U	0.24	1.0
Trichloroethene	0.25	U	0.17	1.0
Vinyl chloride	0.25	U	0.22	1.0
Xylenes, Total	0.75	U	0.28	2.0
Chloroethane	0.50	U	0.29	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	70 - 120
Toluene-d8 (Surr)	98	85 - 120
4-Bromofluorobenzene (Surr)	102	75 - 120
Dibromofluoromethane (Surr)	90	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-68395 **Method: 8260B/DoD**
Preparation: 5030B

Lab Sample ID:	MRL 240-68395/4	Analysis Batch:	240-68395	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8969.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/12/2012 1252	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	12/12/2012 1252				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.0109	109	70 - 130	
Acetone	0.0100	0.00996	100	70 - 130	J
Benzene	0.00100	0.00112	112	70 - 130	
Bromoform	0.00100	0.000790	79	70 - 130	J
1,1-Dichloroethane	0.00100	0.00113	113	70 - 130	
Bromomethane	0.00100	0.00110	110	70 - 130	
Carbon disulfide	0.00100	0.00102	102	70 - 130	
1,2-Dichloroethane	0.00100	0.00110	110	70 - 130	
Carbon tetrachloride	0.00100	0.00103	103	70 - 130	
Chlorobenzene	0.00100	0.00105	105	70 - 130	
1,1-Dichloroethene	0.00100	0.00101	101	70 - 130	
Bromodichloromethane	0.00100	0.00102	102	70 - 130	
1,2-Dichloropropane	0.00100	0.00108	108	70 - 130	
Chloromethane	0.00100	0.00120	120	70 - 130	
2-Hexanone	0.0100	0.0112	112	70 - 130	
cis-1,3-Dichloropropene	0.00100	0.000960	96	70 - 130	J
Dibromochloromethane	0.00100	0.000919	92	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.0111	111	70 - 130	
Ethylbenzene	0.00100	0.00102	102	70 - 130	
Methyl tert-butyl ether	0.00100	0.00106	106	70 - 130	
Methylene Chloride	0.00100	0.00165	165	70 - 130	^
1,1,2,2-Tetrachloroethane	0.00100	0.00138	138	70 - 130	^
Styrene	0.00100	0.00103	103	70 - 130	
Tetrachloroethene	0.00100	0.000880	88	70 - 130	J
Toluene	0.00100	0.00109	109	70 - 130	
Chloroform	0.00100	0.00108	108	70 - 130	
Bromochloromethane	0.00100	0.000955	95	70 - 130	J
1,1,1-Trichloroethane	0.00100	0.00112	112	70 - 130	
trans-1,3-Dichloropropene	0.00100	0.00102	102	70 - 130	
1,1,2-Trichloroethane	0.00100	0.00105	105	70 - 130	
Trichloroethene	0.00100	0.000942	94	70 - 130	J
Vinyl chloride	0.00100	0.00104	104	70 - 130	
Xylenes, Total	0.00300	0.00309	103	70 - 130	
Chloroethane	0.00100	0.00113	113	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	50 - 150
Toluene-d8 (Surr)	98	50 - 150
4-Bromofluorobenzene (Surr)	105	50 - 150
Dibromofluoromethane (Surr)	91	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 240-68395

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	LCS 240-68395/5	Analysis Batch:	240-68395	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8970.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/12/2012 1315	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/12/2012 1315				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	20.0	21.2	106	30 - 150	
Acetone	20.0	18.2	91	40 - 140	
Benzene	10.0	10.5	105	80 - 120	
Bromoform	10.0	8.85	88	70 - 130	
1,1-Dichloroethane	10.0	11.3	113	70 - 135	
Bromomethane	10.0	8.55	85	30 - 145	
Carbon disulfide	10.0	11.1	111	35 - 160	
1,2-Dichloroethane	10.0	10.7	107	70 - 130	
Carbon tetrachloride	10.0	9.68	97	65 - 140	
Chlorobenzene	10.0	10.1	101	80 - 120	
1,1-Dichloroethene	10.0	10.8	108	70 - 130	
Bromodichloromethane	10.0	10.4	104	75 - 120	
1,2-Dichloropropane	10.0	11.0	110	75 - 125	
Chloromethane	10.0	10.3	103	40 - 125	
2-Hexanone	20.0	22.3	111	55 - 130	
cis-1,3-Dichloropropene	10.0	10.0	100	70 - 130	
Dibromochloromethane	10.0	9.66	97	60 - 135	
4-Methyl-2-pentanone (MIBK)	20.0	21.9	110	60 - 135	
Ethylbenzene	10.0	9.95	99	75 - 125	
Methyl tert-butyl ether	10.0	10.7	107	65 - 125	
Methylene Chloride	10.0	9.93	99	55 - 140	
1,1,2,2-Tetrachloroethane	10.0	11.4	114	65 - 130	
Styrene	10.0	10.4	104	65 - 135	
Tetrachloroethene	10.0	8.63	86	45 - 150	
Toluene	10.0	10.1	101	75 - 120	
Chloroform	10.0	10.2	102	65 - 135	
Bromochloromethane	10.0	9.67	97	65 - 130	
1,1,1-Trichloroethane	10.0	10.2	102	65 - 130	
trans-1,3-Dichloropropene	10.0	10.4	104	55 - 140	
1,1,2-Trichloroethane	10.0	10.7	107	75 - 125	
Trichloroethene	10.0	9.40	94	70 - 125	
Vinyl chloride	10.0	9.88	99	50 - 145	
Xylenes, Total	30.0	30.5	102	75 - 130	
Chloroethane	10.0	10.1	101	60 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	70 - 120
Toluene-d8 (Surr)	97	85 - 120
4-Bromofluorobenzene (Surr)	106	75 - 120
Dibromofluoromethane (Surr)	92	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-68395

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	MRL 240-68395/22	Analysis Batch:	240-68395	Instrument ID:	A3UX11
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXJ8988.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/12/2012 2004	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	12/12/2012 2004				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.00959	96	70 - 130	J
Acetone	0.0100	0.00772	77	70 - 130	J
Benzene	0.00100	0.00117	117	70 - 130	
Bromoform	0.00100	0.000805	81	70 - 130	J
1,1-Dichloroethane	0.00100	0.00118	118	70 - 130	
Bromomethane	0.00100	0.00110	110	70 - 130	
Carbon disulfide	0.00100	0.00102	102	70 - 130	
1,2-Dichloroethane	0.00100	0.00113	113	70 - 130	
Carbon tetrachloride	0.00100	0.000965	97	70 - 130	J
Chlorobenzene	0.00100	0.00104	104	70 - 130	
1,1-Dichloroethene	0.00100	0.000999	100	70 - 130	J
Bromodichloromethane	0.00100	0.00105	105	70 - 130	
1,2-Dichloropropane	0.00100	0.00121	121	70 - 130	
Chloromethane	0.00100	0.00125	125	70 - 130	
2-Hexanone	0.0100	0.0103	103	70 - 130	
cis-1,3-Dichloropropene	0.00100	0.00105	105	70 - 130	
Dibromochloromethane	0.00100	0.000899	90	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.0104	104	70 - 130	
Ethylbenzene	0.00100	0.00108	108	70 - 130	
Methyl tert-butyl ether	0.00100	0.00113	113	70 - 130	
Methylene Chloride	0.00100	0.00145	145	70 - 130	^
1,1,2,2-Tetrachloroethane	0.00100	0.00125	125	70 - 130	
Styrene	0.00100	0.00109	109	70 - 130	
Tetrachloroethene	0.00100	0.000929	93	70 - 130	J
Toluene	0.00100	0.00116	116	70 - 130	
Chloroform	0.00100	0.00113	113	70 - 130	
Bromochloromethane	0.00100	0.000992	99	70 - 130	J
1,1,1-Trichloroethane	0.00100	0.00105	105	70 - 130	
trans-1,3-Dichloropropene	0.00100	0.00101	101	70 - 130	
1,1,2-Trichloroethane	0.00100	0.00119	119	70 - 130	
Trichloroethene	0.00100	0.00102	102	70 - 130	
Vinyl chloride	0.00100	0.00115	115	70 - 130	
Xylenes, Total	0.00300	0.00327	109	70 - 130	
Chloroethane	0.00100	0.00109	109	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	50 - 150
Toluene-d8 (Surr)	98	50 - 150
4-Bromofluorobenzene (Surr)	104	50 - 150
Dibromofluoromethane (Surr)	91	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-68663

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MB 240-68663/7	Analysis Batch:	240-68663	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82428.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/14/2012 0035	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Benzene	0.50	U	0.23	5.0
Ethylbenzene	0.50	U	0.26	5.0
Methyl tert-butyl ether	0.50	U	0.43	5.0
Toluene	0.50	U	0.27	5.0
Xylenes, Total	1.5	U	0.67	10

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	61 - 130
Toluene-d8 (Surr)	104	85 - 115
4-Bromofluorobenzene (Surr)	102	85 - 120
Dibromofluoromethane (Surr)	106	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-68663

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-68663/5	Analysis Batch:	240-68663	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82426.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/13/2012 2353	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	0.00500	0.00584	117	70 - 130	
Ethylbenzene	0.00500	0.00567	113	70 - 130	
Methyl tert-butyl ether	0.00500	0.00512	102	70 - 130	
Toluene	0.00500	0.00577	115	70 - 130	
Xylenes, Total	0.0150	0.0167	111	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	50 - 150
Toluene-d8 (Surr)	108	50 - 150
4-Bromofluorobenzene (Surr)	109	50 - 150
Dibromofluoromethane (Surr)	111	50 - 150

Lab Control Sample - Batch: 240-68663

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	LCS 240-68663/6	Analysis Batch:	240-68663	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82427.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/14/2012 0014	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	25.0	21.4	86	75 - 125	
Ethylbenzene	25.0	20.1	81	75 - 125	
Methyl tert-butyl ether	25.0	23.7	95	70 - 130	
Toluene	25.0	20.4	82	70 - 125	
Xylenes, Total	75.0	64.0	85	75 - 125	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	61 - 130
Toluene-d8 (Surr)	109	85 - 115
4-Bromofluorobenzene (Surr)	106	85 - 120
Dibromofluoromethane (Surr)	107	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-68663

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-68663/32	Analysis Batch:	240-68663	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82453.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/14/2012 1001	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	0.00500	0.00503	101	70 - 130	
Ethylbenzene	0.00500	0.00447	89	70 - 130	
Methyl tert-butyl ether	0.00500	0.00488	98	70 - 130	
Toluene	0.00500	0.00471	94	70 - 130	
Xylenes, Total	0.0150	0.0138	92	70 - 130	

Surrogate	% Rec		Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		50 - 150
Toluene-d8 (Surr)	78	Q	50 - 150
4-Bromofluorobenzene (Surr)	82	Q	50 - 150
Dibromofluoromethane (Surr)	84		50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-68830

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MB 240-68830/15	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82468.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/15/2012 0154	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
2-Butanone (MEK)	2.0	U	1.4	20
Acetone	6.3	U	6.3	20
Benzene	0.50	U	0.23	5.0
Bromoform	0.50	U	0.33	5.0
1,1-Dichloroethane	0.50	U	0.36	5.0
Bromomethane	1.0	U	0.54	5.0
Carbon disulfide	0.50	U	0.44	5.0
1,2-Dichloroethane	0.50	U	0.34	5.0
Carbon tetrachloride	0.50	U	0.37	5.0
Chlorobenzene	0.50	U	0.33	5.0
1,1-Dichloroethene	1.0	U	0.52	5.0
1,2-Dichloroethene, Total	1.0	U	0.77	10
Bromodichloromethane	0.50	U	0.28	5.0
1,2-Dichloropropane	1.0	U	0.69	5.0
Chloromethane	0.50	U	0.41	5.0
2-Hexanone	0.897	J	0.63	20
cis-1,3-Dichloropropene	0.50	U	0.34	5.0
Dibromochloromethane	1.0	U	0.55	5.0
4-Methyl-2-pentanone (MIBK)	1.0	U	0.54	20
Ethylbenzene	0.50	U	0.26	5.0
Methyl tert-butyl ether	0.50	U	0.43	5.0
Methylene Chloride	1.0	U	0.67	5.0
1,1,2,2-Tetrachloroethane	0.50	U	0.34	5.0
Styrene	0.50	U	0.15	5.0
Tetrachloroethene	1.0	U	0.52	5.0
Toluene	0.50	U	0.27	5.0
Chloroform	0.50	U	0.29	5.0
Bromochloromethane	1.0	U	0.71	5.0
1,1,1-Trichloroethane	1.0	U	0.56	5.0
trans-1,3-Dichloropropene	1.0	U	0.54	5.0
1,1,2-Trichloroethane	0.50	U	0.39	5.0
1,2-Dibromoethane	1.0	U	0.50	5.0
Trichloroethene	0.50	U	0.42	5.0
Vinyl chloride	0.50	U	0.39	5.0
Xylenes, Total	1.5	U	0.67	10
Chloroethane	1.0	U	0.86	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	61 - 130
Toluene-d8 (Surr)	99	85 - 115
4-Bromofluorobenzene (Surr)	96	85 - 120
Dibromofluoromethane (Surr)	97	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 240-68830

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	LCS 240-68830/13	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82466.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/15/2012 0112	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	50.0	52.0	104	30 - 160	
Acetone	50.0	60.0	120	20 - 160	
Benzene	25.0	27.1	108	75 - 125	
Bromoform	25.0	23.1	92	55 - 135	
1,1-Dichloroethane	25.0	27.8	111	75 - 125	
Bromomethane	25.0	22.2	89	30 - 160	
Carbon disulfide	25.0	27.8	111	45 - 160	
1,2-Dichloroethane	25.0	26.9	108	70 - 135	
Carbon tetrachloride	25.0	27.8	111	65 - 135	
Chlorobenzene	25.0	26.0	104	75 - 125	
1,1-Dichloroethene	25.0	29.5	118	65 - 135	
Bromodichloromethane	25.0	27.6	110	70 - 130	
1,2-Dichloropropane	25.0	27.3	109	70 - 120	
Chloromethane	25.0	24.8	99	50 - 130	
2-Hexanone	50.0	54.4	109	45 - 145	
cis-1,3-Dichloropropene	25.0	26.2	105	70 - 125	
Dibromochloromethane	25.0	26.0	104	65 - 130	
4-Methyl-2-pentanone (MIBK)	50.0	54.1	108	45 - 145	
Ethylbenzene	25.0	26.3	105	75 - 125	
Methyl tert-butyl ether	25.0	27.2	109	70 - 130	
Methylene Chloride	25.0	25.5	102	55 - 140	
1,1,2,2-Tetrachloroethane	25.0	26.8	107	55 - 130	
Styrene	25.0	28.8	115	75 - 125	
Tetrachloroethene	25.0	25.9	104	65 - 140	
Toluene	25.0	26.0	104	70 - 125	
Chloroform	25.0	26.3	105	70 - 125	
Bromochloromethane	25.0	26.1	104	70 - 125	
1,1,1-Trichloroethane	25.0	28.0	112	70 - 135	
trans-1,3-Dichloropropene	25.0	23.5	94	65 - 125	
1,1,2-Trichloroethane	25.0	26.9	108	60 - 125	
Trichloroethene	25.0	27.2	109	75 - 125	
Vinyl chloride	25.0	24.3	97	60 - 125	
Xylenes, Total	75.0	81.5	109	75 - 125	
Chloroethane	25.0	23.6	95	40 - 155	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	61 - 130
Toluene-d8 (Surr)	107	85 - 115
4-Bromofluorobenzene (Surr)	107	85 - 120
Dibromofluoromethane (Surr)	104	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-68830 **Method: 8260B/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68830/14	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82467.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/15/2012 0133	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.0103	103	70 - 130	
Acetone	0.0100	0.00826	83	70 - 130	J
Benzene	0.00500	0.00501	100	70 - 130	
Bromoform	0.00500	0.00406	81	70 - 130	
1,1-Dichloroethane	0.00500	0.00492	98	70 - 130	
Bromomethane	0.00500	0.00484	97	70 - 130	
Carbon disulfide	0.00500	0.00457	91	70 - 130	
1,2-Dichloroethane	0.00500	0.00515	103	70 - 130	
Carbon tetrachloride	0.00500	0.00471	94	70 - 130	
Chlorobenzene	0.00500	0.00483	97	70 - 130	
1,1-Dichloroethene	0.00500	0.00492	98	70 - 130	
Bromodichloromethane	0.00500	0.00463	93	70 - 130	
1,2-Dichloropropane	0.00500	0.00515	103	70 - 130	
Chloromethane	0.00500	0.00503	101	70 - 130	
2-Hexanone	0.0100	0.0119	119	70 - 130	
cis-1,3-Dichloropropene	0.00500	0.00413	83	70 - 130	
Dibromochloromethane	0.00500	0.00387	77	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.0107	107	70 - 130	
Ethylbenzene	0.00500	0.00475	95	70 - 130	
Methyl tert-butyl ether	0.00500	0.00480	96	70 - 130	
Methylene Chloride	0.00500	0.00685	137	70 - 130	^
1,1,2,2-Tetrachloroethane	0.00500	0.00488	98	70 - 130	
Styrene	0.00500	0.00463	93	70 - 130	
Tetrachloroethene	0.00500	0.00458	92	70 - 130	
Toluene	0.00500	0.00481	96	70 - 130	
Chloroform	0.00500	0.00493	99	70 - 130	
Bromochloromethane	0.00500	0.00467	93	70 - 130	
1,1,1-Trichloroethane	0.00500	0.00467	93	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00416	83	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00467	93	70 - 130	
Trichloroethene	0.00500	0.00475	95	70 - 130	
Vinyl chloride	0.00500	0.00485	97	70 - 130	
Xylenes, Total	0.0150	0.0147	98	70 - 130	
Chloroethane	0.00500	0.00458	92	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	50 - 150
Toluene-d8 (Surr)	102	50 - 150
4-Bromofluorobenzene (Surr)	104	50 - 150
Dibromofluoromethane (Surr)	101	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-68830

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-68830/33	Analysis Batch:	240-68830	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82486.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/15/2012 0831	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.00795	80	70 - 130	J
Acetone	0.0100	0.00826	83	70 - 130	J
Benzene	0.00500	0.00492	98	70 - 130	
Bromoform	0.00500	0.00382	76	70 - 130	
1,1-Dichloroethane	0.00500	0.00474	95	70 - 130	
Bromomethane	0.00500	0.00433	87	70 - 130	
Carbon disulfide	0.00500	0.00442	88	70 - 130	
1,2-Dichloroethane	0.00500	0.00502	100	70 - 130	
Carbon tetrachloride	0.00500	0.00443	89	70 - 130	
Chlorobenzene	0.00500	0.00461	92	70 - 130	
1,1-Dichloroethene	0.00500	0.00508	102	70 - 130	
Bromodichloromethane	0.00500	0.00440	88	70 - 130	
1,2-Dichloropropane	0.00500	0.00493	99	70 - 130	
Chloromethane	0.00500	0.00479	96	70 - 130	
2-Hexanone	0.0100	0.00629	63	70 - 130	J ^
cis-1,3-Dichloropropene	0.00500	0.00378	76	70 - 130	
Dibromochloromethane	0.00500	0.00398	80	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00690	69	70 - 130	J ^
Ethylbenzene	0.00500	0.00467	93	70 - 130	
Methyl tert-butyl ether	0.00500	0.00432	86	70 - 130	
Methylene Chloride	0.00500	0.00700	140	70 - 130	^
1,1,2,2-Tetrachloroethane	0.00500	0.00462	92	70 - 130	
Styrene	0.00500	0.00431	86	70 - 130	
Tetrachloroethene	0.00500	0.00463	93	70 - 130	
Toluene	0.00500	0.00489	98	70 - 130	
Chloroform	0.00500	0.00479	96	70 - 130	
Bromochloromethane	0.00500	0.00452	90	70 - 130	
1,1,1-Trichloroethane	0.00500	0.00455	91	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00386	77	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00460	92	70 - 130	
Trichloroethene	0.00500	0.00455	91	70 - 130	
Vinyl chloride	0.00500	0.00487	97	70 - 130	
Xylenes, Total	0.0150	0.0139	92	70 - 130	
Chloroethane	0.00500	0.00452	90	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	50 - 150
Toluene-d8 (Surr)	102	50 - 150
4-Bromofluorobenzene (Surr)	101	50 - 150
Dibromofluoromethane (Surr)	99	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-68879 **Method: 8260B/DoD**
Preparation: N/A

Lab Sample ID:	MB 240-68879/7	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82498.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/15/2012 1902	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
2-Butanone (MEK)	2.0	U	1.4	20
Acetone	7.05	J	6.3	20
Benzene	0.50	U	0.23	5.0
Bromoform	0.50	U	0.33	5.0
1,1-Dichloroethane	0.50	U	0.36	5.0
Bromomethane	1.0	U	0.54	5.0
Carbon disulfide	0.50	U	0.44	5.0
1,2-Dichloroethane	0.50	U	0.34	5.0
Carbon tetrachloride	0.50	U	0.37	5.0
Chlorobenzene	0.50	U	0.33	5.0
1,1-Dichloroethene	1.0	U	0.52	5.0
1,2-Dichloroethene, Total	1.0	U	0.77	10
Bromodichloromethane	0.50	U	0.28	5.0
1,2-Dichloropropane	1.0	U	0.69	5.0
Chloromethane	0.50	U	0.41	5.0
2-Hexanone	1.84	J	0.63	20
cis-1,3-Dichloropropene	0.50	U	0.34	5.0
Dibromochloromethane	1.0	U	0.55	5.0
4-Methyl-2-pentanone (MIBK)	1.04	J	0.54	20
Ethylbenzene	0.50	U	0.26	5.0
Methyl tert-butyl ether	0.50	U	0.43	5.0
Methylene Chloride	1.35	J	0.67	5.0
1,1,2,2-Tetrachloroethane	0.50	U	0.34	5.0
Styrene	0.50	U	0.15	5.0
Tetrachloroethene	1.0	U	0.52	5.0
Toluene	0.50	U	0.27	5.0
Chloroform	0.50	U	0.29	5.0
Bromochloromethane	1.0	U	0.71	5.0
1,1,1-Trichloroethane	1.0	U	0.56	5.0
trans-1,3-Dichloropropene	1.0	U	0.54	5.0
1,1,2-Trichloroethane	0.50	U	0.39	5.0
1,2-Dibromoethane	1.0	U	0.50	5.0
Trichloroethene	0.50	U	0.42	5.0
Vinyl chloride	0.50	U	0.39	5.0
Xylenes, Total	1.5	U	0.67	10
Chloroethane	1.0	U	0.86	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	61 - 130
Toluene-d8 (Surr)	102	85 - 115
4-Bromofluorobenzene (Surr)	100	85 - 120
Dibromofluoromethane (Surr)	99	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-68879

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-68879/5	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82496.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/15/2012 1819	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.0113	113	70 - 130	
Acetone	0.0100	0.00955	95	70 - 130	J
Benzene	0.00500	0.00532	106	70 - 130	
Bromoform	0.00500	0.00449	90	70 - 130	
1,1-Dichloroethane	0.00500	0.00516	103	70 - 130	
Bromomethane	0.00500	0.00530	106	70 - 130	
Carbon disulfide	0.00500	0.00472	94	70 - 130	
1,2-Dichloroethane	0.00500	0.00535	107	70 - 130	
Carbon tetrachloride	0.00500	0.00501	100	70 - 130	
Chlorobenzene	0.00500	0.00517	103	70 - 130	
1,1-Dichloroethene	0.00500	0.00516	103	70 - 130	
Bromodichloromethane	0.00500	0.00491	98	70 - 130	
1,2-Dichloropropane	0.00500	0.00525	105	70 - 130	
Chloromethane	0.00500	0.00517	103	70 - 130	
2-Hexanone	0.0100	0.00956	96	70 - 130	J
cis-1,3-Dichloropropene	0.00500	0.00440	88	70 - 130	
Dibromochloromethane	0.00500	0.00416	83	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00965	96	70 - 130	J
Ethylbenzene	0.00500	0.00500	100	70 - 130	
Methyl tert-butyl ether	0.00500	0.00507	101	70 - 130	
Methylene Chloride	0.00500	0.00547	109	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00538	108	70 - 130	
Styrene	0.00500	0.00490	98	70 - 130	
Tetrachloroethene	0.00500	0.00485	97	70 - 130	
Toluene	0.00500	0.00505	101	70 - 130	
Chloroform	0.00500	0.00509	102	70 - 130	
Bromochloromethane	0.00500	0.00522	104	70 - 130	
1,1,1-Trichloroethane	0.00500	0.00498	100	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00432	86	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00522	104	70 - 130	
Trichloroethene	0.00500	0.00534	107	70 - 130	
Vinyl chloride	0.00500	0.00556	111	70 - 130	
Xylenes, Total	0.0150	0.0156	104	70 - 130	
Chloroethane	0.00500	0.00523	105	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	50 - 150
Toluene-d8 (Surr)	97	50 - 150
4-Bromofluorobenzene (Surr)	102	50 - 150
Dibromofluoromethane (Surr)	99	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 240-68879

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	LCS 240-68879/6	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82497.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/15/2012 1840	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	50.0	43.0	86	30 - 160	
Acetone	50.0	52.1	104	20 - 160	
Benzene	25.0	27.1	109	75 - 125	
Bromoform	25.0	20.9	84	55 - 135	
1,1-Dichloroethane	25.0	27.0	108	75 - 125	
Bromomethane	25.0	21.7	87	30 - 160	
Carbon disulfide	25.0	27.2	109	45 - 160	
1,2-Dichloroethane	25.0	26.1	104	70 - 135	
Carbon tetrachloride	25.0	27.7	111	65 - 135	
Chlorobenzene	25.0	26.4	106	75 - 125	
1,1-Dichloroethene	25.0	29.5	118	65 - 135	
Bromodichloromethane	25.0	27.4	110	70 - 130	
1,2-Dichloropropane	25.0	26.6	107	70 - 120	
Chloromethane	25.0	25.2	101	50 - 130	
2-Hexanone	50.0	41.9	84	45 - 145	
cis-1,3-Dichloropropene	25.0	25.3	101	70 - 125	
Dibromochloromethane	25.0	24.7	99	65 - 130	
4-Methyl-2-pentanone (MIBK)	50.0	44.6	89	45 - 145	
Ethylbenzene	25.0	27.2	109	75 - 125	
Methyl tert-butyl ether	25.0	25.2	101	70 - 130	
Methylene Chloride	25.0	28.3	113	55 - 140	
1,1,2,2-Tetrachloroethane	25.0	24.5	98	55 - 130	
Styrene	25.0	28.7	115	75 - 125	
Tetrachloroethene	25.0	26.3	105	65 - 140	
Toluene	25.0	25.9	104	70 - 125	
Chloroform	25.0	26.5	106	70 - 125	
Bromochloromethane	25.0	24.9	100	70 - 125	
1,1,1-Trichloroethane	25.0	27.4	109	70 - 135	
trans-1,3-Dichloropropene	25.0	22.6	90	65 - 125	
1,1,2-Trichloroethane	25.0	25.2	101	60 - 125	
Trichloroethene	25.0	27.4	109	75 - 125	
Vinyl chloride	25.0	25.7	103	60 - 125	
Xylenes, Total	75.0	81.4	109	75 - 125	
Chloroethane	25.0	23.7	95	40 - 155	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	61 - 130
Toluene-d8 (Surr)	103	85 - 115
4-Bromofluorobenzene (Surr)	102	85 - 120
Dibromofluoromethane (Surr)	101	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-68879

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-68879/33	Analysis Batch:	240-68879	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82524.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/16/2012 0426	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.00907	91	70 - 130	J
Acetone	0.0100	0.00900	90	70 - 130	J
Benzene	0.00500	0.00506	101	70 - 130	
Bromoform	0.00500	0.00417	83	70 - 130	
1,1-Dichloroethane	0.00500	0.00505	101	70 - 130	
Bromomethane	0.00500	0.00514	103	70 - 130	
Carbon disulfide	0.00500	0.00463	93	70 - 130	
1,2-Dichloroethane	0.00500	0.00523	105	70 - 130	
Carbon tetrachloride	0.00500	0.00462	92	70 - 130	
Chlorobenzene	0.00500	0.00503	101	70 - 130	
1,1-Dichloroethene	0.00500	0.00512	102	70 - 130	
Bromodichloromethane	0.00500	0.00454	91	70 - 130	
1,2-Dichloropropane	0.00500	0.00496	99	70 - 130	
Chloromethane	0.00500	0.00520	104	70 - 130	
2-Hexanone	0.0100	0.00795	79	70 - 130	J
cis-1,3-Dichloropropene	0.00500	0.00402	80	70 - 130	
Dibromochloromethane	0.00500	0.00420	84	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00784	78	70 - 130	J
Ethylbenzene	0.00500	0.00500	100	70 - 130	
Methyl tert-butyl ether	0.00500	0.00464	93	70 - 130	
Methylene Chloride	0.00500	0.00649	130	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00518	104	70 - 130	
Styrene	0.00500	0.00461	92	70 - 130	
Tetrachloroethene	0.00500	0.00465	93	70 - 130	
Toluene	0.00500	0.00513	103	70 - 130	
Chloroform	0.00500	0.00516	103	70 - 130	
Bromochloromethane	0.00500	0.00497	99	70 - 130	
1,1,1-Trichloroethane	0.00500	0.00484	97	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00419	84	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00509	102	70 - 130	
Trichloroethene	0.00500	0.00506	101	70 - 130	
Vinyl chloride	0.00500	0.00542	108	70 - 130	
Xylenes, Total	0.0150	0.0144	96	70 - 130	
Chloroethane	0.00500	0.00447	89	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	50 - 150
Toluene-d8 (Surr)	100	50 - 150
4-Bromofluorobenzene (Surr)	97	50 - 150
Dibromofluoromethane (Surr)	96	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-68905

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MB 240-68905/7	Analysis Batch:	240-68905	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82531.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/17/2012 0109	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Benzene	0.50	U	0.23	5.0
Ethylbenzene	0.50	U	0.26	5.0
Methyl tert-butyl ether	0.50	U	0.43	5.0
Toluene	0.50	U	0.27	5.0
Xylenes, Total	1.5	U	0.67	10

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	61 - 130
Toluene-d8 (Surr)	98	85 - 115
4-Bromofluorobenzene (Surr)	98	85 - 120
Dibromofluoromethane (Surr)	98	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-68905

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-68905/5	Analysis Batch:	240-68905	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82529.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/17/2012 0026	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	0.00500	0.00565	113	70 - 130	
Ethylbenzene	0.00500	0.00556	111	70 - 130	
Methyl tert-butyl ether	0.00500	0.00505	101	70 - 130	
Toluene	0.00500	0.00559	112	70 - 130	
Xylenes, Total	0.0150	0.0170	113	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	50 - 150
Toluene-d8 (Surr)	98	50 - 150
4-Bromofluorobenzene (Surr)	100	50 - 150
Dibromofluoromethane (Surr)	98	50 - 150

Lab Control Sample - Batch: 240-68905

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	LCS 240-68905/6	Analysis Batch:	240-68905	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82530.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/17/2012 0047	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	25.0	27.7	111	75 - 125	
Ethylbenzene	25.0	26.8	107	75 - 125	
Methyl tert-butyl ether	25.0	27.4	110	70 - 130	
Toluene	25.0	26.1	105	70 - 125	
Xylenes, Total	75.0	81.7	109	75 - 125	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	61 - 130
Toluene-d8 (Surr)	102	85 - 115
4-Bromofluorobenzene (Surr)	101	85 - 120
Dibromofluoromethane (Surr)	103	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-68905

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-68905/33	Analysis Batch:	240-68905	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82557.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/17/2012 1034	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	0.00500	0.00535	107	70 - 130	
Ethylbenzene	0.00500	0.00518	104	70 - 130	
Methyl tert-butyl ether	0.00500	0.00525	105	70 - 130	
Toluene	0.00500	0.00530	106	70 - 130	
Xylenes, Total	0.0150	0.0161	108	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	50 - 150
Toluene-d8 (Surr)	94	50 - 150
4-Bromofluorobenzene (Surr)	98	50 - 150
Dibromofluoromethane (Surr)	93	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-69176/23-A	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/23/2012 1148	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Acenaphthene	3.3	U	3.3	6.7
Acenaphthylene	3.3	U	3.3	6.7
Anthracene	3.3	U	3.3	6.7
Benzo[a]anthracene	3.3	U	3.3	6.7
Benzo[a]pyrene	3.3	U	3.3	6.7
Benzo[b]fluoranthene	3.3	U	3.3	6.7
Benzo[g,h,i]perylene	3.3	U	3.3	6.7
Benzoic acid	330	U	330	660
Benzo[k]fluoranthene	3.3	U	3.3	6.7
Benzyl alcohol	27	U	21	330
Bis(2-chloroethoxy)methane	27	U	22	100
Bis(2-chloroethyl)ether	3.3	U	2.0	100
bis (2-chloroisopropyl) ether	27	U	9.5	100
Bis(2-ethylhexyl) phthalate	30.9	J	19	50
4-Bromophenyl phenyl ether	27	U	13	50
Butyl benzyl phthalate	27	U	10	50
Carbazole	27	U	27	50
4-Chloroaniline	27	U	17	150
4-Chloro-3-methylphenol	27	U	21	150
2-Chloronaphthalene	3.3	U	3.3	50
2-Chlorophenol	27	U	27	50
4-Chlorophenyl phenyl ether	27	U	13	50
Chrysene	3.3	U	1.1	6.7
Dibenz(a,h)anthracene	3.3	U	3.3	6.7
Dibenzofuran	3.3	U	3.3	50
1,2-Dichlorobenzene	27	U	9.7	50
1,3-Dichlorobenzene	27	U	11	50
1,4-Dichlorobenzene	27	U	20	50
3,3'-Dichlorobenzidine	80	U	18	100
2,4-Dichlorophenol	27	U	20	150
Diethyl phthalate	27	U	16	50
2,4-Dimethylphenol	80	U	20	150
Dimethyl phthalate	27	U	17	50
Di-n-butyl phthalate	27	U	15	50
4,6-Dinitro-2-methylphenol	80	U	80	150
2,4-Dinitrophenol	80	U	80	330
2,4-Dinitrotoluene	27	U	27	200
2,6-Dinitrotoluene	27	U	21	200
Di-n-octyl phthalate	27	U	27	50
Fluoranthene	3.3	U	3.3	6.7
Fluorene	3.3	U	3.3	6.7
Hexachlorobenzene	3.3	U	2.1	6.7
Hexachlorobutadiene	27	U	27	50
Hexachlorocyclopentadiene	27	U	27	330
Hexachloroethane	27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-69176/23-A	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/23/2012 1148	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Indeno[1,2,3-cd]pyrene	3.3	U	3.3	6.7
Isophorone	27	U	13	50
2-Methylnaphthalene	3.3	U	3.3	6.7
2-Methylphenol	80	U	80	200
3 & 4 Methylphenol	80	U	20	400
Naphthalene	3.3	U	3.3	6.7
2-Nitroaniline	27	U	9.1	200
3-Nitroaniline	80	U	16	200
4-Nitroaniline	27	U	26	200
Nitrobenzene	3.3	U	2.2	100
2-Nitrophenol	27	U	27	50
4-Nitrophenol	80	U	80	330
N-Nitrosodi-n-propylamine	27	U	27	50
N-Nitrosodiphenylamine	27	U	21	50
Pentachlorophenol	80	U	80	150
Phenanthrene	3.3	U	3.3	6.7
Phenol	27	U	27	50
Pyrene	3.3	U	3.3	6.7
1,2,4-Trichlorobenzene	27	U	27	50
2,4,5-Trichlorophenol	27	U	25	150
2,4,6-Trichlorophenol	80	U	80	150

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	57	45 - 105
2-Fluorophenol (Surr)	73	35 - 105
Nitrobenzene-d5 (Surr)	57	35 - 100
Phenol-d5 (Surr)	72	40 - 100
Terphenyl-d14 (Surr)	68	30 - 125
2,4,6-Tribromophenol (Surr)	61	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-69176/24-A	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/23/2012 1226	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	501	75	45 - 110	
Acenaphthylene	667	520	78	45 - 105	
Anthracene	667	532	80	55 - 105	
Benzo[a]anthracene	667	516	77	50 - 110	
Benzo[a]pyrene	667	495	74	50 - 110	
Benzo[b]fluoranthene	667	515	77	45 - 115	
Benzo[g,h,i]perylene	667	547	82	40 - 125	
Benzoic acid	667	330	32	0 - 110	U
Benzo[k]fluoranthene	667	572	86	45 - 125	
Benzyl alcohol	667	508	76	20 - 125	
Bis(2-chloroethoxy)methane	667	422	63	45 - 110	
Bis(2-chloroethyl)ether	667	422	63	40 - 105	
bis (2-chloroisopropyl) ether	667	420	63	20 - 115	
Bis(2-ethylhexyl) phthalate	667	484	73	45 - 125	
4-Bromophenyl phenyl ether	667	462	69	45 - 115	
Butyl benzyl phthalate	667	513	77	50 - 125	
Carbazole	667	516	77	45 - 115	
4-Chloroaniline	667	396	59	10 - 110	
4-Chloro-3-methylphenol	667	508	76	45 - 115	
2-Chloronaphthalene	667	427	64	45 - 105	
2-Chlorophenol	667	525	79	45 - 105	
4-Chlorophenyl phenyl ether	667	440	66	45 - 110	
Chrysene	667	527	79	55 - 110	
Dibenz(a,h)anthracene	667	541	81	40 - 125	
Dibenzofuran	667	496	74	50 - 105	
1,2-Dichlorobenzene	667	426	64	45 - 110	
1,3-Dichlorobenzene	667	427	64	40 - 100	
1,4-Dichlorobenzene	667	521	78	35 - 105	
3,3'-Dichlorobenzidine	667	334	50	10 - 130	
2,4-Dichlorophenol	667	513	77	45 - 110	
Diethyl phthalate	667	504	76	50 - 115	
2,4-Dimethylphenol	667	375	56	30 - 105	
Dimethyl phthalate	667	522	78	50 - 110	
Di-n-butyl phthalate	667	532	80	55 - 110	
4,6-Dinitro-2-methylphenol	667	445	67	30 - 135	
2,4-Dinitrophenol	667	327	49	15 - 130	J
2,4-Dinitrotoluene	667	441	66	50 - 115	
2,6-Dinitrotoluene	667	452	68	50 - 110	
Di-n-octyl phthalate	667	469	70	40 - 130	
Fluoranthene	667	526	79	55 - 115	
Fluorene	667	521	78	50 - 110	
Hexachlorobenzene	667	442	66	45 - 120	
Hexachlorobutadiene	667	423	63	40 - 115	
Hexachloroethane	667	441	66	35 - 110	
Indeno[1,2,3-cd]pyrene	667	542	81	40 - 120	
Isophorone	667	516	77	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-69176/24-A	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/23/2012 1226	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	496	74	45 - 105	
2-Methylphenol	667	500	75	40 - 105	
3 & 4 Methylphenol	1330	1020	77	40 - 105	
Naphthalene	667	510	77	40 - 105	
2-Nitroaniline	667	531	80	45 - 120	
3-Nitroaniline	667	478	72	25 - 110	
4-Nitroaniline	667	523	78	35 - 115	
Nitrobenzene	667	429	64	40 - 115	
2-Nitrophenol	667	513	77	40 - 110	
4-Nitrophenol	667	499	75	15 - 140	
N-Nitrosodi-n-propylamine	667	531	80	40 - 115	
N-Nitrosodiphenylamine	667	531	80	50 - 115	
Pentachlorophenol	667	383	57	25 - 120	
Phenanthrene	667	525	79	50 - 110	
Phenol	667	530	80	40 - 100	
Pyrene	667	511	77	45 - 125	
1,2,4-Trichlorobenzene	667	412	62	45 - 110	
2,4,5-Trichlorophenol	667	519	78	50 - 110	
2,4,6-Trichlorophenol	667	519	78	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	61	45 - 105
2-Fluorophenol (Surr)	80	35 - 105
Nitrobenzene-d5 (Surr)	62	35 - 100
Phenol-d5 (Surr)	80	40 - 100
Terphenyl-d14 (Surr)	68	30 - 125
2,4,6-Tribromophenol (Surr)	75	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-8	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223007.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.03 g
Analysis Date:	12/23/2012 1313			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

MSD Lab Sample ID:	240-18544-8	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223008.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.00 g
Analysis Date:	12/23/2012 1336			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	62	57	45 - 110	8	30		
Acenaphthylene	65	61	45 - 105	6	30		
Anthracene	68	61	55 - 105	11	30		
Benzo[a]anthracene	67	57	50 - 110	17	30		
Benzo[a]pyrene	67	56	50 - 110	17	30		
Benzo[b]fluoranthene	71	60	45 - 115	16	30		
Benzo[g,h,i]perylene	74	63	40 - 125	16	30		
Benzoic acid	0	0	0 - 110	NC	30	U	U
Benzo[k]fluoranthene	72	60	45 - 125	19	30		
Benzyl alcohol	65	62	20 - 125	6	30		
Bis(2-chloroethoxy)methane	51	49	45 - 110	4	30		
Bis(2-chloroethyl)ether	51	47	40 - 105	6	30		
bis (2-chloroisopropyl) ether	50	48	20 - 115	4	30		
Bis(2-ethylhexyl) phthalate	66	56	45 - 125	16	30		
4-Bromophenyl phenyl ether	58	51	45 - 115	13	30		
Butyl benzyl phthalate	72	61	50 - 125	16	30		
Carbazole	66	60	45 - 115	10	30		
4-Chloroaniline	43	38	10 - 95	12	30		
4-Chloro-3-methylphenol	69	59	45 - 115	15	30		
2-Chloronaphthalene	52	51	45 - 105	2	30		
2-Chlorophenol	62	61	45 - 105	2	30		
4-Chlorophenyl phenyl ether	55	50	45 - 110	10	30		
Chrysene	70	59	55 - 110	17	30		
Dibenz(a,h)anthracene	74	64	40 - 125	14	30		
Dibenzofuran	61	57	50 - 105	8	30		
1,2-Dichlorobenzene	50	47	45 - 95	6	30		
1,3-Dichlorobenzene	51	46	40 - 100	9	30		
1,4-Dichlorobenzene	63	58	35 - 105	7	30		
3,3'-Dichlorobenzidine	28	27	10 - 130	2	30		
2,4-Dichlorophenol	66	61	45 - 110	8	30		
Diethyl phthalate	68	61	50 - 115	12	30		
2,4-Dimethylphenol	46	42	30 - 105	9	30		
Dimethyl phthalate	66	61	50 - 110	9	30		

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-8	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223007.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.03 g
Analysis Date:	12/23/2012 1313			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

MSD Lab Sample ID:	240-18544-8	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223008.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.00 g
Analysis Date:	12/23/2012 1336			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Di-n-butyl phthalate	73	65	55 - 110	11	30		
4,6-Dinitro-2-methylphenol	64	55	30 - 135	16	30		
2,4-Dinitrophenol	48	39	15 - 130	19	30	J	J
2,4-Dinitrotoluene	57	49	50 - 115	14	30		J
2,6-Dinitrotoluene	60	55	50 - 110	7	30		
Di-n-octyl phthalate	69	60	40 - 130	14	30		
Fluoranthene	71	62	55 - 115	13	30		
Fluorene	66	60	50 - 110	10	30		
Hexachlorobenzene	56	50	45 - 120	11	30		
Hexachlorobutadiene	50	48	40 - 115	3	30		
Hexachloroethane	51	49	35 - 110	4	30		
Indeno[1,2,3-cd]pyrene	74	63	40 - 120	15	30		
Isophorone	65	61	45 - 110	6	30		
2-Methylnaphthalene	62	59	45 - 105	5	30		
2-Methylphenol	62	57	40 - 105	9	30		
3 & 4 Methylphenol	63	59	40 - 105	5	30		
Naphthalene	63	60	40 - 105	5	30		
2-Nitroaniline	67	61	45 - 120	9	30		
3-Nitroaniline	59	51	25 - 110	15	30		
4-Nitroaniline	63	55	35 - 115	13	30		
Nitrobenzene	51	50	40 - 115	2	30		
2-Nitrophenol	66	64	40 - 110	4	30		
4-Nitrophenol	71	62	15 - 140	14	30		
N-Nitrosodi-n-propylamine	64	58	40 - 115	10	30		
N-Nitrosodiphenylamine	68	62	50 - 115	9	30		
Pentachlorophenol	66	55	25 - 120	18	30		
Phenanthrene	69	62	50 - 110	10	30		
Phenol	64	60	40 - 100	6	30		
Pyrene	70	58	45 - 125	19	30		
1,2,4-Trichlorobenzene	51	49	45 - 110	3	30		
2,4,5-Trichlorophenol	67	59	50 - 110	13	30		
2,4,6-Trichlorophenol	69	62	45 - 110	11	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	50	48	45 - 105
2-Fluorophenol (Surr)	67	63	35 - 105
Nitrobenzene-d5 (Surr)	50	48	35 - 100
Phenol-d5 (Surr)	66	60	40 - 100
Terphenyl-d14 (Surr)	60	49	30 - 125
2,4,6-Tribromophenol (Surr)	70	59	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-1	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.20 g
Analysis Date:	12/23/2012 1423			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-18544-1	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.38 g
Analysis Date:	12/23/2012 1446			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	72	63	45 - 110	13	30		
Acenaphthylene	75	65	45 - 105	15	30		
Anthracene	77	75	55 - 105	4	30		
Benzo[a]anthracene	79	74	50 - 110	7	30		
Benzo[a]pyrene	73	70	50 - 110	5	30		
Benzo[b]fluoranthene	78	75	45 - 115	4	30		
Benzo[g,h,i]perylene	84	82	40 - 125	3	30		
Benzoic acid	60	66	0 - 110	8	30	J	J
Benzo[k]fluoranthene	78	75	45 - 125	5	30		
Benzyl alcohol	75	64	20 - 125	15	30		
Bis(2-chloroethoxy)methane	59	53	45 - 110	12	30		
Bis(2-chloroethyl)ether	59	51	40 - 105	16	30		
bis (2-chloroisopropyl) ether	57	50	20 - 115	14	30		
Bis(2-ethylhexyl) phthalate	76	70	45 - 125	9	30		
4-Bromophenyl phenyl ether	67	63	45 - 115	6	30		
Butyl benzyl phthalate	83	77	50 - 125	8	30		
Carbazole	76	73	45 - 115	5	30		
4-Chloroaniline	58	53	10 - 95	11	30		
4-Chloro-3-methylphenol	75	71	45 - 115	6	30		
2-Chloronaphthalene	63	54	45 - 105	16	30		
2-Chlorophenol	72	62	45 - 105	16	30		
4-Chlorophenyl phenyl ether	62	55	45 - 110	12	30		
Chrysene	82	78	55 - 110	6	30		
Dibenz(a,h)anthracene	84	79	40 - 125	7	30		
Dibenzofuran	72	63	50 - 105	14	30		
1,2-Dichlorobenzene	58	51	45 - 95	14	30		
1,3-Dichlorobenzene	56	50	40 - 100	13	30		
1,4-Dichlorobenzene	70	62	35 - 105	13	30		
3,3'-Dichlorobenzidine	14	14	10 - 130	0	30	J	J
2,4-Dichlorophenol	73	68	45 - 110	8	30		
Diethyl phthalate	77	71	50 - 115	9	30		
2,4-Dimethylphenol	46	46	30 - 105	1	30		
Dimethyl phthalate	77	70	50 - 110	10	30		

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-1	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.20 g
Analysis Date:	12/23/2012 1423			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-18544-1	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.38 g
Analysis Date:	12/23/2012 1446			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Di-n-butyl phthalate	83	79	55 - 110	5	30		
4,6-Dinitro-2-methylphenol	72	73	30 - 135	0	30		
2,4-Dinitrophenol	74	67	15 - 130	11	30		
2,4-Dinitrotoluene	66	61	50 - 115	8	30		
2,6-Dinitrotoluene	69	64	50 - 110	8	30		
Di-n-octyl phthalate	76	74	40 - 130	4	30		
Fluoranthene	79	76	55 - 115	5	30		
Fluorene	74	67	50 - 110	11	30		
Hexachlorobenzene	62	61	45 - 120	2	30		
Hexachlorobutadiene	59	53	40 - 115	12	30		
Hexachloroethane	60	53	35 - 110	13	30		
Indeno[1,2,3-cd]pyrene	84	82	40 - 120	3	30		
Isophorone	74	65	45 - 110	13	30		
2-Methylnaphthalene	72	64	45 - 105	13	30		
2-Methylphenol	69	60	40 - 105	14	30		
3 & 4 Methylphenol	69	61	40 - 105	13	30		
Naphthalene	71	62	40 - 105	13	30		
2-Nitroaniline	78	71	45 - 120	9	30		
3-Nitroaniline	71	67	25 - 110	6	30		
4-Nitroaniline	74	68	35 - 115	10	30		
Nitrobenzene	61	54	40 - 115	13	30		
2-Nitrophenol	76	68	40 - 110	12	30		
4-Nitrophenol	73	69	15 - 140	6	30		
N-Nitrosodi-n-propylamine	73	64	40 - 115	13	30		
N-Nitrosodiphenylamine	76	72	50 - 115	6	30		
Pentachlorophenol	46	47	25 - 120	3	30		
Phenanthrene	76	73	50 - 110	4	30		
Phenol	74	63	40 - 100	16	30		
Pyrene	78	73	45 - 125	8	30		
1,2,4-Trichlorobenzene	59	53	45 - 110	12	30		
2,4,5-Trichlorophenol	67	63	50 - 110	6	30		
2,4,6-Trichlorophenol	60	56	45 - 110	7	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	59	51	45 - 105
2-Fluorophenol (Surr)	75	63	35 - 105
Nitrobenzene-d5 (Surr)	59	52	35 - 100
Phenol-d5 (Surr)	75	64	40 - 100
Terphenyl-d14 (Surr)	67	63	30 - 125
2,4,6-Tribromophenol (Surr)	58	56	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-7	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223013.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.20 g
Analysis Date:	12/23/2012 1533			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

MSD Lab Sample ID:	240-18544-7	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223014.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.35 g
Analysis Date:	12/23/2012 1556			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	60	72	45 - 110	17	30		
Acenaphthylene	64	76	45 - 105	16	30		
Anthracene	64	75	55 - 105	16	30		
Benzo[a]anthracene	63	75	50 - 110	17	30		
Benzo[a]pyrene	58	68	50 - 110	15	30		
Benzo[b]fluoranthene	64	73	45 - 115	13	30		
Benzo[g,h,i]perylene	68	79	40 - 125	16	30		
Benzoic acid	0	0	0 - 110	NC	30	U	U
Benzo[k]fluoranthene	60	71	45 - 125	17	30		
Benzyl alcohol	60	73	20 - 125	19	30		
Bis(2-chloroethoxy)methane	51	58	45 - 110	12	30		
Bis(2-chloroethyl)ether	46	57	40 - 105	20	30		
bis (2-chloroisopropyl) ether	44	55	20 - 115	22	30		
Bis(2-ethylhexyl) phthalate	62	71	45 - 125	13	30		
4-Bromophenyl phenyl ether	53	64	45 - 115	19	30		
Butyl benzyl phthalate	66	80	50 - 125	19	30		
Carbazole	62	71	45 - 115	14	30		
4-Chloroaniline	27	33	10 - 95	18	30		
4-Chloro-3-methylphenol	64	75	45 - 115	15	30		
2-Chloronaphthalene	53	62	45 - 105	16	30		
2-Chlorophenol	59	73	45 - 105	20	30		
4-Chlorophenyl phenyl ether	51	62	45 - 110	18	30		
Chrysene	66	79	55 - 110	18	30		
Dibenz(a,h)anthracene	66	78	40 - 125	16	30		
Dibenzofuran	61	73	50 - 105	18	30		
1,2-Dichlorobenzene	46	56	45 - 95	20	30		
1,3-Dichlorobenzene	45	54	40 - 100	17	30		
1,4-Dichlorobenzene	55	67	35 - 105	21	30		
3,3'-Dichlorobenzidine	14	16	10 - 130	8	30	J	
2,4-Dichlorophenol	64	75	45 - 110	15	30		
Diethyl phthalate	64	76	50 - 115	17	30		
2,4-Dimethylphenol	52	55	30 - 105	5	30		
Dimethyl phthalate	64	77	50 - 110	18	30		

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-7	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223013.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.20 g
Analysis Date:	12/23/2012 1533			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

MSD Lab Sample ID:	240-18544-7	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69176	Lab File ID:	21223014.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.35 g
Analysis Date:	12/23/2012 1556			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 0939			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Di-n-butyl phthalate	66	79	55 - 110	17	30		
4,6-Dinitro-2-methylphenol	48	63	30 - 135	26	30		
2,4-Dinitrophenol	30	42	15 - 130	31	30	J	J
2,4-Dinitrotoluene	56	64	50 - 115	13	30		
2,6-Dinitrotoluene	59	68	50 - 110	13	30		
Di-n-octyl phthalate	62	71	40 - 130	14	30		
Fluoranthene	63	73	55 - 115	15	30		
Fluorene	63	75	50 - 110	16	30		
Hexachlorobenzene	55	63	45 - 120	14	30		
Hexachlorobutadiene	47	56	40 - 115	16	30		
Hexachloroethane	47	56	35 - 110	17	30		
Indeno[1,2,3-cd]pyrene	68	79	40 - 120	14	30		
Isophorone	64	75	45 - 110	15	30		
2-Methylnaphthalene	61	73	45 - 105	16	30		
2-Methylphenol	58	71	40 - 105	19	30		
3 & 4 Methylphenol	59	71	40 - 105	18	30		
Naphthalene	60	70	40 - 105	15	30		
2-Nitroaniline	64	75	45 - 120	15	30		
3-Nitroaniline	54	65	25 - 110	18	30		
4-Nitroaniline	59	70	35 - 115	16	30		
Nitrobenzene	51	59	40 - 115	13	30		
2-Nitrophenol	65	77	40 - 110	16	30		
4-Nitrophenol	62	77	15 - 140	20	30		
N-Nitrosodi-n-propylamine	58	73	40 - 115	23	30		
N-Nitrosodiphenylamine	62	70	50 - 115	12	30		
Pentachlorophenol	43	70	25 - 120	47	30		J
Phenanthrene	63	75	50 - 110	17	30		
Phenol	61	75	40 - 100	19	30		
Pyrene	63	75	45 - 125	17	30		
1,2,4-Trichlorobenzene	49	57	45 - 110	15	30		
2,4,5-Trichlorophenol	59	76	50 - 110	25	30		
2,4,6-Trichlorophenol	58	78	45 - 110	29	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	49	59	45 - 105
2-Fluorophenol (Surr)	61	74	35 - 105
Nitrobenzene-d5 (Surr)	49	58	35 - 100
Phenol-d5 (Surr)	60	73	40 - 100
Terphenyl-d14 (Surr)	55	65	30 - 125
2,4,6-Tribromophenol (Surr)	52	76	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-8	Units:	ug/Kg	MSD Lab Sample ID:	240-18544-8
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/23/2012 1313			Analysis Date:	12/23/2012 1336
Prep Date:	12/18/2012 0939			Prep Date:	12/18/2012 0939
Leach Date:	12/07/2012 1930			Leach Date:	12/07/2012 1930

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	3.3	U	666	667	413		382	
Acenaphthylene	3.3	U	666	667	430		405	
Anthracene	3.3	U	666	667	453		406	
Benzo[a]anthracene	3.3	U	666	667	448		378	
Benzo[a]pyrene	3.3	U	666	667	446		377	
Benzo[b]fluoranthene	3.3	U	666	667	471		400	
Benzo[g,h,i]perylene	3.3	U	666	667	494		420	
Benzoic acid	330	U	666	667	330	U	330	U
Benzo[k]fluoranthene	3.3	U	666	667	480		397	
Benzyl alcohol	27	U	666	667	435		411	
Bis(2-chloroethoxy)methane	27	U	666	667	343		328	
Bis(2-chloroethyl)ether	3.3	U	666	667	337		316	
bis (2-chloroisopropyl) ether	27	U	666	667	332		318	
Bis(2-ethylhexyl) phthalate	22	J	666	667	459		392	
4-Bromophenyl phenyl ether	27	U	666	667	388		341	
Butyl benzyl phthalate	27	U	666	667	477		405	
Carbazole	27	U	666	667	442		400	
4-Chloroaniline	27	U	666	667	286		254	
4-Chloro-3-methylphenol	27	U	666	667	459		393	
2-Chloronaphthalene	3.3	U	666	667	346		338	
2-Chlorophenol	27	U	666	667	416		406	
4-Chlorophenyl phenyl ether	27	U	666	667	366		332	
Chrysene	3.3	U	666	667	467		392	
Dibenz(a,h)anthracene	3.3	U	666	667	490		428	
Dibenzofuran	3.3	U	666	667	409		379	
1,2-Dichlorobenzene	27	U	666	667	335		316	
1,3-Dichlorobenzene	27	U	666	667	339		309	
1,4-Dichlorobenzene	27	U	666	667	419		390	
3,3'-Dichlorobenzidine	80	U	666	667	184		181	
2,4-Dichlorophenol	27	U	666	667	439		405	
Diethyl phthalate	27	U	666	667	456		403	
2,4-Dimethylphenol	80	U	666	667	304		279	
Dimethyl phthalate	27	U	666	667	441		404	
Di-n-butyl phthalate	27	U	666	667	484		432	
4,6-Dinitro-2-methylphenol	80	U	666	667	430		365	
2,4-Dinitrophenol	80	U	666	667	318	J	263	J
2,4-Dinitrotoluene	27	U	666	667	379		330	J
2,6-Dinitrotoluene	27	U	666	667	397		368	
Di-n-octyl phthalate	27	U	666	667	459		399	
Fluoranthene	3.3	U	666	667	474		415	
Fluorene	3.3	U	666	667	439		397	
Hexachlorobenzene	3.3	U	666	667	371		333	
Hexachlorobutadiene	27	U	666	667	335		323	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-8	Units:	ug/Kg	MSD Lab Sample ID:	240-18544-8
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/23/2012 1313			Analysis Date:	12/23/2012 1336
Prep Date:	12/18/2012 0939			Prep Date:	12/18/2012 0939
Leach Date:	12/07/2012 1930			Leach Date:	12/07/2012 1930

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Hexachloroethane	27	U	666	667	339	328
Indeno[1,2,3-cd]pyrene	3.3	U	666	667	490	420
Isophorone	27	U	666	667	431	406
2-Methylnaphthalene	3.3	U	666	667	412	391
2-Methylphenol	80	U	666	667	416	380
3 & 4 Methylphenol	80	U	1330	1330	834	791
Naphthalene	3.3	U	666	667	417	397
2-Nitroaniline	27	U	666	667	443	404
3-Nitroaniline	80	U	666	667	391	337
4-Nitroaniline	27	U	666	667	420	369
Nitrobenzene	3.3	U	666	667	339	334
2-Nitrophenol	27	U	666	667	442	423
4-Nitrophenol	80	U	666	667	476	412
N-Nitrosodi-n-propylamine	27	U	666	667	424	385
N-Nitrosodiphenylamine	27	U	666	667	456	416
Pentachlorophenol	80	U	666	667	438	365
Phenanthrene	3.3	U	666	667	459	414
Phenol	27	U	666	667	429	403
Pyrene	3.3	U	666	667	468	385
1,2,4-Trichlorobenzene	27	U	666	667	337	327
2,4,5-Trichlorophenol	27	U	666	667	449	396
2,4,6-Trichlorophenol	80	U	666	667	459	413

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-1	Units:	ug/Kg	MSD Lab Sample ID:	240-18544-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/23/2012 1423			Analysis Date:	12/23/2012 1446
Prep Date:	12/18/2012 0939			Prep Date:	12/18/2012 0939
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	3.7	U	746	742	536		470	
Acenaphthylene	3.7	U	746	742	562		485	
Anthracene	3.7	U	746	742	578		556	
Benzo[a]anthracene	3.7	U	746	742	586		548	
Benzo[a]pyrene	3.7	U	746	742	548		522	
Benzo[b]fluoranthene	3.7	U	746	742	578		554	
Benzo[g,h,i]perylene	3.7	U	746	742	624		606	
Benzoic acid	380	U	746	742	451	J	489	J
Benzo[k]fluoranthene	3.7	U	746	742	580		553	
Benzyl alcohol	31	U	746	742	557		478	
Bis(2-chloroethoxy)methane	31	U	746	742	440		392	
Bis(2-chloroethyl)ether	3.7	U	746	742	443		376	
bis (2-chloroisopropyl) ether	31	U	746	742	428		371	
Bis(2-ethylhexyl) phthalate	23	J	746	742	591		543	
4-Bromophenyl phenyl ether	31	U	746	742	499		470	
Butyl benzyl phthalate	31	U	746	742	621		574	
Carbazole	31	U	746	742	571		543	
4-Chloroaniline	31	U	746	742	435		390	
4-Chloro-3-methylphenol	31	U	746	742	556		525	
2-Chloronaphthalene	3.7	U	746	742	468		400	
2-Chlorophenol	31	U	746	742	537		458	
4-Chlorophenyl phenyl ether	31	U	746	742	466		411	
Chrysene	3.7	U	746	742	612		576	
Dibenz(a,h)anthracene	3.7	U	746	742	629		585	
Dibenzofuran	3.7	U	746	742	537		467	
1,2-Dichlorobenzene	31	U	746	742	431		375	
1,3-Dichlorobenzene	31	U	746	742	421		370	
1,4-Dichlorobenzene	31	U	746	742	521		458	
3,3'-Dichlorobenzidine	91	U	746	742	103	J	103	J
2,4-Dichlorophenol	31	U	746	742	543		502	
Diethyl phthalate	31	U	746	742	571		524	
2,4-Dimethylphenol	91	U	746	742	342		339	
Dimethyl phthalate	31	U	746	742	574		519	
Di-n-butyl phthalate	31	U	746	742	617		586	
4,6-Dinitro-2-methylphenol	91	U	746	742	539		538	
2,4-Dinitrophenol	91	U	746	742	553		498	
2,4-Dinitrotoluene	31	U	746	742	494		455	
2,6-Dinitrotoluene	31	U	746	742	514		475	
Di-n-octyl phthalate	31	U	746	742	568		547	
Fluoranthene	3.7	U	746	742	586		560	
Fluorene	3.7	U	746	742	551		494	
Hexachlorobenzene	3.7	U	746	742	462		455	
Hexachlorobutadiene	31	U	746	742	443		391	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-1	Units:	ug/Kg	MSD Lab Sample ID:	240-18544-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/23/2012 1423			Analysis Date:	12/23/2012 1446
Prep Date:	12/18/2012 0939			Prep Date:	12/18/2012 0939
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Hexachloroethane	31	U	746	742	446	392
Indeno[1,2,3-cd]pyrene	3.7	U	746	742	624	605
Isophorone	31	U	746	742	550	485
2-Methylnaphthalene	3.7	U	746	742	539	473
2-Methylphenol	91	U	746	742	512	444
3 & 4 Methylphenol	91	U	1490	1480	1030	902
Naphthalene	3.7	U	746	742	529	463
2-Nitroaniline	31	U	746	742	578	526
3-Nitroaniline	91	U	746	742	529	499
4-Nitroaniline	31	U	746	742	552	502
Nitrobenzene	3.7	U	746	742	459	401
2-Nitrophenol	31	U	746	742	569	504
4-Nitrophenol	91	U	746	742	547	514
N-Nitrosodi-n-propylamine	31	U	746	742	544	476
N-Nitrosodiphenylamine	31	U	746	742	566	534
Pentachlorophenol	91	U	746	742	342	352
Phenanthrene	3.7	U	746	742	569	544
Phenol	31	U	746	742	551	471
Pyrene	3.7	U	746	742	585	540
1,2,4-Trichlorobenzene	31	U	746	742	440	392
2,4,5-Trichlorophenol	31	U	746	742	500	471
2,4,6-Trichlorophenol	91	U	746	742	449	418

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-7	Units:	ug/Kg	MSD Lab Sample ID:	240-18544-7
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/23/2012 1533			Analysis Date:	12/23/2012 1556
Prep Date:	12/18/2012 0939			Prep Date:	12/18/2012 0939
Leach Date:	12/07/2012 1930			Leach Date:	12/07/2012 1930

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	3.3	U	662	659	399		472	
Acenaphthylene	3.3	U	662	659	423		498	
Anthracene	3.3	U	662	659	421		493	
Benzo[a]anthracene	3.3	U	662	659	416		495	
Benzo[a]pyrene	3.3	U	662	659	386		451	
Benzo[b]fluoranthene	3.3	U	662	659	421		479	
Benzo[g,h,i]perylene	3.3	U	662	659	448		523	
Benzoic acid	330	U	662	659	330	U	330	U
Benzo[k]fluoranthene	3.3	U	662	659	399		471	
Benzyl alcohol	27	U	662	659	399		482	
Bis(2-chloroethoxy)methane	27	U	662	659	338		380	
Bis(2-chloroethyl)ether	3.3	U	662	659	307		376	
bis (2-chloroisopropyl) ether	27	U	662	659	292		364	
Bis(2-ethylhexyl) phthalate	25	J	662	659	435		495	
4-Bromophenyl phenyl ether	27	U	662	659	351		425	
Butyl benzyl phthalate	27	U	662	659	435		525	
Carbazole	27	U	662	659	410		470	
4-Chloroaniline	27	U	662	659	181		217	
4-Chloro-3-methylphenol	27	U	662	659	427		497	
2-Chloronaphthalene	3.3	U	662	659	349		410	
2-Chlorophenol	27	U	662	659	392		478	
4-Chlorophenyl phenyl ether	27	U	662	659	341		409	
Chrysene	3.3	U	662	659	436		520	
Dibenz(a,h)anthracene	3.3	U	662	659	436		512	
Dibenzofuran	3.3	U	662	659	402		480	
1,2-Dichlorobenzene	27	U	662	659	301		368	
1,3-Dichlorobenzene	27	U	662	659	298		355	
1,4-Dichlorobenzene	27	U	662	659	361		444	
3,3'-Dichlorobenzidine	80	U	662	659	95.0	J	103	
2,4-Dichlorophenol	27	U	662	659	425		492	
Diethyl phthalate	27	U	662	659	421		498	
2,4-Dimethylphenol	80	U	662	659	343		361	
Dimethyl phthalate	27	U	662	659	423		508	
Di-n-butyl phthalate	27	U	662	659	439		519	
4,6-Dinitro-2-methylphenol	80	U	662	659	320		416	
2,4-Dinitrophenol	80	U	662	659	200	J	275	J
2,4-Dinitrotoluene	27	U	662	659	370		423	
2,6-Dinitrotoluene	27	U	662	659	391		445	
Di-n-octyl phthalate	27	U	662	659	410		471	
Fluoranthene	3.3	U	662	659	415		484	
Fluorene	3.3	U	662	659	419		492	
Hexachlorobenzene	3.3	U	662	659	362		417	
Hexachlorobutadiene	27	U	662	659	314		367	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69176

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-7	Units:	ug/Kg	MSD Lab Sample ID:	240-18544-7
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/23/2012 1533			Analysis Date:	12/23/2012 1556
Prep Date:	12/18/2012 0939			Prep Date:	12/18/2012 0939
Leach Date:	12/07/2012 1930			Leach Date:	12/07/2012 1930

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Hexachloroethane	27	U	662	659	312	369	
Indeno[1,2,3-cd]pyrene	3.3	U	662	659	453	522	
Isophorone	27	U	662	659	425	492	
2-Methylnaphthalene	3.3	U	662	659	406	478	
2-Methylphenol	80	U	662	659	385	466	
3 & 4 Methylphenol	80	U	1320	1320	780	936	
Naphthalene	3.3	J	662	659	399	466	
2-Nitroaniline	27	U	662	659	426	496	
3-Nitroaniline	80	U	662	659	356	425	
4-Nitroaniline	27	U	662	659	392	458	
Nitrobenzene	3.3	U	662	659	340	389	
2-Nitrophenol	27	U	662	659	433	508	
4-Nitrophenol	80	U	662	659	412	506	
N-Nitrosodi-n-propylamine	27	U	662	659	382	481	
N-Nitrosodiphenylamine	27	U	662	659	409	462	
Pentachlorophenol	80	U	662	659	287	464	J
Phenanthrene	3.3	U	662	659	418	495	
Phenol	27	U	662	659	407	494	
Pyrene	3.3	U	662	659	415	492	
1,2,4-Trichlorobenzene	27	U	662	659	322	374	
2,4,5-Trichlorophenol	27	U	662	659	389	501	
2,4,6-Trichlorophenol	80	U	662	659	385	514	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-69185

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-69185/20-A	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69185	Lab File ID:	21224004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/24/2012 1001	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Acenaphthene	3.3	U	3.3	6.7
Acenaphthylene	3.3	U	3.3	6.7
Anthracene	3.3	U	3.3	6.7
Benzo[a]anthracene	3.3	U	3.3	6.7
Benzo[a]pyrene	3.3	U	3.3	6.7
Benzo[b]fluoranthene	3.3	U	3.3	6.7
Benzo[g,h,i]perylene	3.3	U	3.3	6.7
Benzoic acid	330	U	330	660
Benzo[k]fluoranthene	3.3	U	3.3	6.7
Benzyl alcohol	27	U	21	330
Bis(2-chloroethoxy)methane	27	U	22	100
Bis(2-chloroethyl)ether	3.3	U	2.0	100
bis (2-chloroisopropyl) ether	27	U	9.5	100
Bis(2-ethylhexyl) phthalate	21.2	J	19	50
4-Bromophenyl phenyl ether	27	U	13	50
Butyl benzyl phthalate	27	U	10	50
Carbazole	27	U	27	50
4-Chloroaniline	27	U	17	150
4-Chloro-3-methylphenol	27	U	21	150
2-Chloronaphthalene	3.3	U	3.3	50
2-Chlorophenol	27	U	27	50
4-Chlorophenyl phenyl ether	27	U	13	50
Chrysene	3.3	U	1.1	6.7
Dibenz(a,h)anthracene	3.3	U	3.3	6.7
Dibenzofuran	3.3	U	3.3	50
1,2-Dichlorobenzene	27	U	9.7	50
1,3-Dichlorobenzene	27	U	11	50
1,4-Dichlorobenzene	27	U	20	50
3,3'-Dichlorobenzidine	80	U	18	100
2,4-Dichlorophenol	27	U	20	150
Diethyl phthalate	27	U	16	50
2,4-Dimethylphenol	80	U	20	150
Dimethyl phthalate	27	U	17	50
Di-n-butyl phthalate	27	U	15	50
4,6-Dinitro-2-methylphenol	80	U	80	150
2,4-Dinitrophenol	80	U	80	330
2,4-Dinitrotoluene	27	U	27	200
2,6-Dinitrotoluene	27	U	21	200
Di-n-octyl phthalate	27	U	27	50
Fluoranthene	3.3	U	3.3	6.7
Fluorene	3.3	U	3.3	6.7
Hexachlorobenzene	3.3	U	2.1	6.7
Hexachlorobutadiene	27	U	27	50
Hexachlorocyclopentadiene	27	U	27	330
Hexachloroethane	27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-69185

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-69185/20-A	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69185	Lab File ID:	21224004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/24/2012 1001	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Indeno[1,2,3-cd]pyrene	3.3	U	3.3	6.7
Isophorone	27	U	13	50
2-Methylnaphthalene	3.3	U	3.3	6.7
2-Methylphenol	80	U	80	200
3 & 4 Methylphenol	80	U	20	400
Naphthalene	3.3	U	3.3	6.7
2-Nitroaniline	27	U	9.1	200
3-Nitroaniline	80	U	16	200
4-Nitroaniline	27	U	26	200
Nitrobenzene	3.3	U	2.2	100
2-Nitrophenol	27	U	27	50
4-Nitrophenol	80	U	80	330
N-Nitrosodi-n-propylamine	27	U	27	50
N-Nitrosodiphenylamine	27	U	21	50
Pentachlorophenol	80	U	80	150
Phenanthrene	3.3	U	3.3	6.7
Phenol	27	U	27	50
Pyrene	3.3	U	3.3	6.7
1,2,4-Trichlorobenzene	27	U	27	50
2,4,5-Trichlorophenol	27	U	25	150
2,4,6-Trichlorophenol	80	U	80	150

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	61	45 - 105
2-Fluorophenol (Surr)	78	35 - 105
Nitrobenzene-d5 (Surr)	62	35 - 100
Phenol-d5 (Surr)	79	40 - 100
Terphenyl-d14 (Surr)	74	30 - 125
2,4,6-Tribromophenol (Surr)	67	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 240-69185

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-69185/21-A	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69185	Lab File ID:	21224005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/24/2012 1024	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	480	72	45 - 110	
Acenaphthylene	667	500	75	45 - 105	
Anthracene	667	555	83	55 - 105	
Benzo[a]anthracene	667	526	79	50 - 110	
Benzo[a]pyrene	667	530	79	50 - 110	
Benzo[b]fluoranthene	667	546	82	45 - 115	
Benzo[g,h,i]perylene	667	592	89	40 - 125	
Benzoic acid	667	330	23	0 - 110	U
Benzo[k]fluoranthene	667	598	90	45 - 125	
Benzyl alcohol	667	494	74	20 - 125	
Bis(2-chloroethoxy)methane	667	416	62	45 - 110	
Bis(2-chloroethyl)ether	667	415	62	40 - 105	
bis (2-chloroisopropyl) ether	667	406	61	20 - 115	
Bis(2-ethylhexyl) phthalate	667	522	78	45 - 125	
4-Bromophenyl phenyl ether	667	466	70	45 - 115	
Butyl benzyl phthalate	667	549	82	50 - 125	
Carbazole	667	552	83	45 - 115	
4-Chloroaniline	667	370	55	10 - 110	
4-Chloro-3-methylphenol	667	509	76	45 - 115	
2-Chloronaphthalene	667	420	63	45 - 105	
2-Chlorophenol	667	514	77	45 - 105	
4-Chlorophenyl phenyl ether	667	436	65	45 - 110	
Chrysene	667	568	85	55 - 110	
Dibenz(a,h)anthracene	667	581	87	40 - 125	
Dibenzofuran	667	490	74	50 - 105	
1,2-Dichlorobenzene	667	421	63	45 - 110	
1,3-Dichlorobenzene	667	416	62	40 - 100	
1,4-Dichlorobenzene	667	499	75	35 - 105	
3,3'-Dichlorobenzidine	667	351	53	10 - 130	
2,4-Dichlorophenol	667	497	74	45 - 110	
Diethyl phthalate	667	516	77	50 - 115	
2,4-Dimethylphenol	667	372	56	30 - 105	
Dimethyl phthalate	667	522	78	50 - 110	
Di-n-butyl phthalate	667	564	85	55 - 110	
4,6-Dinitro-2-methylphenol	667	404	61	30 - 135	
2,4-Dinitrophenol	667	246	37	15 - 130	J
2,4-Dinitrotoluene	667	434	65	50 - 115	
2,6-Dinitrotoluene	667	450	67	50 - 110	
Di-n-octyl phthalate	667	496	74	40 - 130	
Fluoranthene	667	559	84	55 - 115	
Fluorene	667	514	77	50 - 110	
Hexachlorobenzene	667	461	69	45 - 120	
Hexachlorobutadiene	667	404	61	40 - 115	
Hexachloroethane	667	439	66	35 - 110	
Indeno[1,2,3-cd]pyrene	667	580	87	40 - 120	
Isophorone	667	506	76	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 240-69185

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-69185/21-A	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69185	Lab File ID:	21224005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/24/2012 1024	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	492	74	45 - 105	
2-Methylphenol	667	483	73	40 - 105	
3 & 4 Methylphenol	1330	1010	76	40 - 105	
Naphthalene	667	496	74	40 - 105	
2-Nitroaniline	667	510	77	45 - 120	
3-Nitroaniline	667	472	71	25 - 110	
4-Nitroaniline	667	533	80	35 - 115	
Nitrobenzene	667	412	62	40 - 115	
2-Nitrophenol	667	505	76	40 - 110	
4-Nitrophenol	667	497	75	15 - 140	
N-Nitrosodi-n-propylamine	667	510	77	40 - 115	
N-Nitrosodiphenylamine	667	551	83	50 - 115	
Pentachlorophenol	667	394	59	25 - 120	
Phenanthrene	667	535	80	50 - 110	
Phenol	667	519	78	40 - 100	
Pyrene	667	534	80	45 - 125	
1,2,4-Trichlorobenzene	667	406	61	45 - 110	
2,4,5-Trichlorophenol	667	453	68	50 - 110	
2,4,6-Trichlorophenol	667	439	66	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	59	45 - 105
2-Fluorophenol (Surr)	79	35 - 105
Nitrobenzene-d5 (Surr)	61	35 - 100
Phenol-d5 (Surr)	79	40 - 100
Terphenyl-d14 (Surr)	70	30 - 125
2,4,6-Tribromophenol (Surr)	63	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69185

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-19	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69185	Lab File ID:	21224007.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.32 g
Analysis Date:	12/24/2012 1111			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

MSD Lab Sample ID:	240-18544-19	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69185	Lab File ID:	21224008.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.17 g
Analysis Date:	12/24/2012 1134			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	55	58	45 - 110	6	30		
Acenaphthylene	57	61	45 - 105	6	30		
Anthracene	57	59	55 - 105	4	30		
Benzo[a]anthracene	55	59	50 - 110	8	30		
Benzo[a]pyrene	51	56	50 - 110	8	30		
Benzo[b]fluoranthene	53	57	45 - 115	8	30		
Benzo[g,h,i]perylene	59	66	40 - 125	11	30		
Benzoic acid	0	0	0 - 110	NC	30	U	U
Benzo[k]fluoranthene	56	58	45 - 125	5	30		
Benzyl alcohol	57	64	20 - 125	11	30		
Bis(2-chloroethoxy)methane	45	50	45 - 110	12	30		
Bis(2-chloroethyl)ether	43	50	40 - 105	15	30		
bis (2-chloroisopropyl) ether	42	48	20 - 115	14	30		
Bis(2-ethylhexyl) phthalate	54	57	45 - 125	6	30		
4-Bromophenyl phenyl ether	48	50	45 - 115	4	30		
Butyl benzyl phthalate	59	63	50 - 125	6	30		
Carbazole	57	57	45 - 115	0	30		
4-Chloroaniline	20	17	10 - 95	17	30	J	J
4-Chloro-3-methylphenol	56	62	45 - 115	11	30		
2-Chloronaphthalene	48	51	45 - 105	6	30		
2-Chlorophenol	54	61	45 - 105	13	30		
4-Chlorophenyl phenyl ether	48	50	45 - 110	4	30		
Chrysene	59	62	55 - 110	6	30		
Dibenz(a,h)anthracene	59	63	40 - 125	8	30		
Dibenzofuran	55	58	50 - 105	6	30		
1,2-Dichlorobenzene	43	48	45 - 95	12	30	J	
1,3-Dichlorobenzene	42	47	40 - 100	13	30		
1,4-Dichlorobenzene	52	60	35 - 105	14	30		
3,3'-Dichlorobenzidine	5	5	10 - 130	3	30	J	J
2,4-Dichlorophenol	58	62	45 - 110	7	30		
Diethyl phthalate	58	61	50 - 115	5	30		
2,4-Dimethylphenol	41	44	30 - 105	5	30		
Dimethyl phthalate	58	61	50 - 110	6	30		

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69185

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-19	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69185	Lab File ID:	21224007.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.32 g
Analysis Date:	12/24/2012 1111			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

MSD Lab Sample ID:	240-18544-19	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69185	Lab File ID:	21224008.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.17 g
Analysis Date:	12/24/2012 1134			Final Weight/Volume:	2 mL
Prep Date:	12/18/2012 1006			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Di-n-butyl phthalate	61	63	55 - 110	3	30		
4,6-Dinitro-2-methylphenol	52	52	30 - 135	0	30		
2,4-Dinitrophenol	36	29	15 - 130	22	30	J	J
2,4-Dinitrotoluene	49	52	50 - 115	6	30	J	
2,6-Dinitrotoluene	53	55	50 - 110	4	30		
Di-n-octyl phthalate	56	60	40 - 130	7	30		
Fluoranthene	58	58	55 - 115	1	30		
Fluorene	56	60	50 - 110	7	30		
Hexachlorobenzene	48	50	45 - 120	5	30		
Hexachlorobutadiene	42	49	40 - 115	15	30		
Hexachloroethane	46	50	35 - 110	10	30		
Indeno[1,2,3-cd]pyrene	60	64	40 - 120	8	30		
Isophorone	57	66	45 - 110	15	30		
2-Methylnaphthalene	55	62	45 - 105	12	30		
2-Methylphenol	55	59	40 - 105	8	30		
3 & 4 Methylphenol	54	58	40 - 105	8	30		
Naphthalene	54	61	40 - 105	13	30		
2-Nitroaniline	58	62	45 - 120	8	30		
3-Nitroaniline	45	46	25 - 110	3	30		
4-Nitroaniline	52	52	35 - 115	0	30		
Nitrobenzene	46	52	40 - 115	14	30		
2-Nitrophenol	60	67	40 - 110	11	30		
4-Nitrophenol	62	64	15 - 140	4	30		
N-Nitrosodi-n-propylamine	54	62	40 - 115	14	30		
N-Nitrosodiphenylamine	57	59	50 - 115	5	30		
Pentachlorophenol	51	53	25 - 120	5	30		
Phenanthrene	58	59	50 - 110	2	30		
Phenol	59	64	40 - 100	9	30		
Pyrene	55	59	45 - 125	7	30		
1,2,4-Trichlorobenzene	45	51	45 - 110	13	30		
2,4,5-Trichlorophenol	60	60	50 - 110	1	30		
2,4,6-Trichlorophenol	59	63	45 - 110	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	46	48	45 - 105
2-Fluorophenol (Surr)	59	65	35 - 105
Nitrobenzene-d5 (Surr)	44	50	35 - 100
Phenol-d5 (Surr)	58	62	40 - 100
Terphenyl-d14 (Surr)	48	51	30 - 125
2,4,6-Tribromophenol (Surr)	58	58	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69185

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-19	Units:	ug/Kg	MSD Lab Sample ID:	240-18544-19
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/24/2012 1111			Analysis Date:	12/24/2012 1134
Prep Date:	12/18/2012 1006			Prep Date:	12/18/2012 1006
Leach Date:	12/07/2012 1930			Leach Date:	12/07/2012 1930

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	3.3	U	660	663	362		386	
Acenaphthylene	3.3	U	660	663	377		402	
Anthracene	3.3	U	660	663	375		392	
Benzo[a]anthracene	3.3	U	660	663	361		390	
Benzo[a]pyrene	3.3	U	660	663	339		369	
Benzo[b]fluoranthene	3.3	U	660	663	353		381	
Benzo[g,h,i]perylene	3.3	U	660	663	391		435	
Benzoic acid	340	U	660	663	330	U	330	U
Benzo[k]fluoranthene	3.3	U	660	663	366		386	
Benzyl alcohol	27	U	660	663	377		421	
Bis(2-chloroethoxy)methane	27	U	660	663	298		335	
Bis(2-chloroethyl)ether	3.3	U	660	663	284		331	
bis (2-chloroisopropyl) ether	27	U	660	663	279		320	
Bis(2-ethylhexyl) phthalate	21	J	660	663	380		402	
4-Bromophenyl phenyl ether	27	U	660	663	319		333	
Butyl benzyl phthalate	27	U	660	663	392		415	
Carbazole	27	U	660	663	377		378	
4-Chloroaniline	27	U	660	663	130	J	110	J
4-Chloro-3-methylphenol	27	U	660	663	371		413	
2-Chloronaphthalene	3.3	U	660	663	316		336	
2-Chlorophenol	27	U	660	663	355		406	
4-Chlorophenyl phenyl ether	27	U	660	663	317		330	
Chrysene	3.3	U	660	663	389		412	
Dibenz(a,h)anthracene	3.3	U	660	663	388		419	
Dibenzofuran	3.3	U	660	663	362		386	
1,2-Dichlorobenzene	27	U	660	663	284	J	320	
1,3-Dichlorobenzene	27	U	660	663	274		313	
1,4-Dichlorobenzene	27	U	660	663	345		397	
3,3'-Dichlorobenzidine	81	U	660	663	31.2	J	30.2	J
2,4-Dichlorophenol	27	U	660	663	383		412	
Diethyl phthalate	27	U	660	663	384		402	
2,4-Dimethylphenol	81	U	660	663	273		288	
Dimethyl phthalate	27	U	660	663	382		403	
Di-n-butyl phthalate	27	U	660	663	403		415	
4,6-Dinitro-2-methylphenol	81	U	660	663	344		344	
2,4-Dinitrophenol	81	U	660	663	236	J	189	J
2,4-Dinitrotoluene	27	U	660	663	326	J	346	
2,6-Dinitrotoluene	27	U	660	663	351		364	
Di-n-octyl phthalate	27	U	660	663	369		397	
Fluoranthene	3.3	U	660	663	383		387	
Fluorene	3.3	U	660	663	373		398	
Hexachlorobenzene	3.3	U	660	663	315		332	
Hexachlorobutadiene	27	U	660	663	280		326	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69185

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-18544-19	Units:	ug/Kg	MSD Lab Sample ID:	240-18544-19
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/24/2012 1111			Analysis Date:	12/24/2012 1134
Prep Date:	12/18/2012 1006			Prep Date:	12/18/2012 1006
Leach Date:	12/07/2012 1930			Leach Date:	12/07/2012 1930

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Hexachloroethane	27	U	660	663	302	334
Indeno[1,2,3-cd]pyrene	3.3	U	660	663	394	425
Isophorone	27	U	660	663	376	439
2-Methylnaphthalene	5.8	J	660	663	369	418
2-Methylphenol	81	U	660	663	362	392
3 & 4 Methylphenol	81	U	1320	1330	711	773
Naphthalene	5.8	J	660	663	359	410
2-Nitroaniline	27	U	660	663	382	413
3-Nitroaniline	81	U	660	663	298	308
4-Nitroaniline	27	U	660	663	345	344
Nitrobenzene	3.3	U	660	663	301	347
2-Nitrophenol	27	U	660	663	398	446
4-Nitrophenol	81	U	660	663	407	424
N-Nitrosodi-n-propylamine	27	U	660	663	358	412
N-Nitrosodiphenylamine	27	U	660	663	373	392
Pentachlorophenol	81	U	660	663	334	352
Phenanthrene	3.3	U	660	663	384	391
Phenol	27	U	660	663	387	422
Pyrene	3.3	U	660	663	364	388
1,2,4-Trichlorobenzene	27	U	660	663	296	336
2,4,5-Trichlorophenol	27	U	660	663	393	396
2,4,6-Trichlorophenol	81	U	660	663	392	416

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69932 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-69932/3	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21223003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/23/2012 1125	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	5.16	103	70 - 130	
Acenaphthylene	5.00	5.16	103	70 - 130	
Anthracene	5.00	5.26	105	70 - 130	
Benzo[a]anthracene	5.00	5.24	105	70 - 130	
Benzo[a]pyrene	5.00	5.43	109	70 - 130	
Benzo[b]fluoranthene	5.00	5.24	105	70 - 130	
Benzo[g,h,i]perylene	5.00	5.42	108	70 - 130	
Benzoic acid	10.0	9.37	94	70 - 130	
Benzo[k]fluoranthene	5.00	5.52	110	70 - 130	
Benzyl alcohol	5.00	4.86	97	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.18	104	70 - 130	
Bis(2-chloroethyl)ether	5.00	4.97	99	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.18	104	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.24	105	70 - 130	
Butyl benzyl phthalate	5.00	5.13	103	70 - 130	
Carbazole	5.00	5.20	104	70 - 130	
4-Chloro-3-methylphenol	5.00	5.14	103	70 - 130	
2-Chloronaphthalene	5.00	5.17	103	70 - 130	
2-Chlorophenol	5.00	5.13	103	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.17	103	70 - 130	
Chrysene	5.00	5.26	105	70 - 130	
Dibenz(a,h)anthracene	5.00	5.26	105	70 - 130	
Dibenzofuran	5.00	4.99	100	70 - 130	
1,2-Dichlorobenzene	5.00	5.03	101	70 - 130	
1,3-Dichlorobenzene	5.00	5.18	104	70 - 130	
1,4-Dichlorobenzene	5.00	5.21	104	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.24	105	70 - 130	
2,4-Dichlorophenol	5.00	5.22	104	70 - 130	
Diethyl phthalate	5.00	5.01	100	70 - 130	
2,4-Dimethylphenol	5.00	5.17	103	70 - 130	
Dimethyl phthalate	5.00	5.11	102	70 - 130	
Di-n-butyl phthalate	5.00	5.07	101	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.05	101	70 - 130	
2,4-Dinitrophenol	10.0	10.4	104	70 - 130	
2,4-Dinitrotoluene	5.00	5.10	102	70 - 130	
2,6-Dinitrotoluene	5.00	5.07	101	70 - 130	
Di-n-octyl phthalate	5.00	4.78	96	70 - 130	
Fluoranthene	5.00	5.10	102	70 - 130	
Fluorene	5.00	5.13	103	70 - 130	
Hexachlorobenzene	5.00	5.23	105	70 - 130	
Hexachlorobutadiene	5.00	5.09	102	70 - 130	
Hexachloroethane	5.00	5.01	100	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.42	108	70 - 130	
Isophorone	5.00	5.02	100	70 - 130	
2-Methylnaphthalene	5.00	4.93	99	70 - 130	
2-Methylphenol	5.00	5.19	104	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69932

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-69932/3	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21223003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/23/2012 1125	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	5.00	5.01	100	70 - 130	
Naphthalene	5.00	5.10	102	70 - 130	
2-Nitroaniline	5.00	5.00	100	70 - 130	
3-Nitroaniline	5.00	5.28	106	70 - 130	
4-Nitroaniline	5.00	5.17	103	70 - 130	
Nitrobenzene	5.00	5.17	103	70 - 130	
2-Nitrophenol	5.00	5.13	103	70 - 130	
4-Nitrophenol	5.00	5.17	103	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.11	102	70 - 130	
N-Nitrosodiphenylamine	5.00	5.19	104	70 - 130	
Pentachlorophenol	10.0	10.8	108	70 - 130	
Phenanthrene	5.00	5.16	103	70 - 130	
Phenol	5.00	5.20	104	70 - 130	
Pyrene	5.00	5.35	107	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.24	105	70 - 130	
2,4,5-Trichlorophenol	5.00	5.07	101	70 - 130	
2,4,6-Trichlorophenol	5.00	5.51	110	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	103		50 - 150
2-Fluorophenol (Surr)	102		50 - 150
Nitrobenzene-d5 (Surr)	102	Q	50 - 150
Phenol-d5 (Surr)	102	Q	50 - 150
Terphenyl-d14 (Surr)	104		50 - 150
2,4,6-Tribromophenol (Surr)	109		50 - 150

Method Reporting Limit Check - Batch: 240-69932

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-69932/24	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21223024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/23/2012 1950	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	5.14	103	70 - 130	
Acenaphthylene	5.00	5.25	105	70 - 130	
Anthracene	5.00	5.17	103	70 - 130	
Benzo[a]anthracene	5.00	5.17	103	70 - 130	
Benzo[a]pyrene	5.00	5.31	106	70 - 130	
Benzo[b]fluoranthene	5.00	5.29	106	70 - 130	
Benzo[g,h,i]perylene	5.00	5.19	104	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69932

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-69932/24	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21223024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/23/2012 1950	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	9.53	95	70 - 130	
Benzo[k]fluoranthene	5.00	5.08	102	70 - 130	
Benzyl alcohol	5.00	5.12	102	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.97	99	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.04	101	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.09	102	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.21	104	70 - 130	
Butyl benzyl phthalate	5.00	5.22	104	70 - 130	
Carbazole	5.00	5.10	102	70 - 130	
4-Chloro-3-methylphenol	5.00	5.16	103	70 - 130	
2-Chloronaphthalene	5.00	5.23	105	70 - 130	
2-Chlorophenol	5.00	5.10	102	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.19	104	70 - 130	
Chrysene	5.00	5.05	101	70 - 130	
Dibenz(a,h)anthracene	5.00	5.10	102	70 - 130	
Dibenzofuran	5.00	5.10	102	70 - 130	
1,2-Dichlorobenzene	5.00	5.05	101	70 - 130	
1,3-Dichlorobenzene	5.00	5.06	101	70 - 130	
1,4-Dichlorobenzene	5.00	5.25	105	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.19	104	70 - 130	
2,4-Dichlorophenol	5.00	5.19	104	70 - 130	
Diethyl phthalate	5.00	5.14	103	70 - 130	
2,4-Dimethylphenol	5.00	5.18	104	70 - 130	
Dimethyl phthalate	5.00	5.18	104	70 - 130	
Di-n-butyl phthalate	5.00	5.14	103	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.67	93	70 - 130	
2,4-Dinitrophenol	10.0	9.16	92	70 - 130	
2,4-Dinitrotoluene	5.00	5.43	109	70 - 130	
2,6-Dinitrotoluene	5.00	5.19	104	70 - 130	
Di-n-octyl phthalate	5.00	5.02	100	70 - 130	
Fluoranthene	5.00	5.04	101	70 - 130	
Fluorene	5.00	5.27	105	70 - 130	
Hexachlorobenzene	5.00	5.00	100	70 - 130	
Hexachlorobutadiene	5.00	5.22	104	70 - 130	
Hexachloroethane	5.00	5.06	101	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.34	107	70 - 130	
Isophorone	5.00	4.99	100	70 - 130	
2-Methylnaphthalene	5.00	5.05	101	70 - 130	
2-Methylphenol	5.00	5.16	103	70 - 130	
3 & 4 Methylphenol	5.00	4.96	99	70 - 130	
Naphthalene	5.00	5.06	101	70 - 130	
2-Nitroaniline	5.00	5.27	105	70 - 130	
3-Nitroaniline	5.00	5.64	113	70 - 130	
4-Nitroaniline	5.00	5.64	113	70 - 130	
Nitrobenzene	5.00	5.02	100	70 - 130	
2-Nitrophenol	5.00	5.17	103	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69932 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-69932/24	Analysis Batch:	240-69932	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21223024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/23/2012 1950	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitrophenol	5.00	5.11	102	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.01	100	70 - 130	
N-Nitrosodiphenylamine	5.00	5.05	101	70 - 130	
Pentachlorophenol	10.0	10.9	109	70 - 130	
Phenanthrene	5.00	5.02	100	70 - 130	
Phenol	5.00	5.14	103	70 - 130	
Pyrene	5.00	5.18	104	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.31	106	70 - 130	
2,4,5-Trichlorophenol	5.00	5.25	105	70 - 130	
2,4,6-Trichlorophenol	5.00	5.40	108	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	104		50 - 150
2-Fluorophenol (Surr)	102		50 - 150
Nitrobenzene-d5 (Surr)	100		50 - 150
Phenol-d5 (Surr)	102	Q	50 - 150
Terphenyl-d14 (Surr)	100		50 - 150
2,4,6-Tribromophenol (Surr)	115		50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69977

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-69977/3	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21224003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/24/2012 0937	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.72	94	70 - 130	
Acenaphthylene	5.00	4.92	98	70 - 130	
Anthracene	5.00	4.82	96	70 - 130	
Benzo[a]anthracene	5.00	4.69	94	70 - 130	
Benzo[a]pyrene	5.00	5.09	102	70 - 130	
Benzo[b]fluoranthene	5.00	4.93	99	70 - 130	
Benzo[g,h,i]perylene	5.00	5.02	100	70 - 130	
Benzoic acid	10.0	9.38	94	70 - 130	
Benzo[k]fluoranthene	5.00	5.22	104	70 - 130	
Benzyl alcohol	5.00	4.71	94	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.92	98	70 - 130	
Bis(2-chloroethyl)ether	5.00	4.88	98	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.60	92	70 - 130	
4-Bromophenyl phenyl ether	5.00	4.86	97	70 - 130	
Butyl benzyl phthalate	5.00	4.50	90	70 - 130	
Carbazole	5.00	4.83	97	70 - 130	
4-Chloro-3-methylphenol	5.00	4.90	98	70 - 130	
2-Chloronaphthalene	5.00	4.74	95	70 - 130	
2-Chlorophenol	5.00	5.01	100	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.86	97	70 - 130	
Chrysene	5.00	4.89	98	70 - 130	
Dibenz(a,h)anthracene	5.00	5.08	102	70 - 130	
Dibenzofuran	5.00	4.66	93	70 - 130	
1,2-Dichlorobenzene	5.00	4.89	98	70 - 130	
1,3-Dichlorobenzene	5.00	4.97	99	70 - 130	
1,4-Dichlorobenzene	5.00	5.00	100	70 - 130	
3,3'-Dichlorobenzidine	5.00	4.88	98	70 - 130	
2,4-Dichlorophenol	5.00	4.92	98	70 - 130	
Diethyl phthalate	5.00	4.68	94	70 - 130	
2,4-Dimethylphenol	5.00	5.01	100	70 - 130	
Dimethyl phthalate	5.00	4.81	96	70 - 130	
Di-n-butyl phthalate	5.00	4.65	93	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.67	93	70 - 130	
2,4-Dinitrophenol	10.0	9.66	97	70 - 130	
2,4-Dinitrotoluene	5.00	4.95	99	70 - 130	
2,6-Dinitrotoluene	5.00	4.88	98	70 - 130	
Di-n-octyl phthalate	5.00	4.18	84	70 - 130	
Fluoranthene	5.00	4.70	94	70 - 130	
Fluorene	5.00	4.81	96	70 - 130	
Hexachlorobenzene	5.00	4.88	98	70 - 130	
Hexachlorobutadiene	5.00	5.07	101	70 - 130	
Hexachloroethane	5.00	4.88	98	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.11	102	70 - 130	
Isophorone	5.00	4.72	94	70 - 130	
2-Methylnaphthalene	5.00	4.77	95	70 - 130	
2-Methylphenol	5.00	4.86	97	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69977

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-69977/3	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21224003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/24/2012 0937	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	5.00	4.70	94	70 - 130	
Naphthalene	5.00	4.90	98	70 - 130	
2-Nitroaniline	5.00	4.84	97	70 - 130	
3-Nitroaniline	5.00	4.90	98	70 - 130	
4-Nitroaniline	5.00	5.16	103	70 - 130	
Nitrobenzene	5.00	4.92	98	70 - 130	
2-Nitrophenol	5.00	5.04	101	70 - 130	
4-Nitrophenol	5.00	4.97	99	70 - 130	
N-Nitrosodi-n-propylamine	5.00	4.92	98	70 - 130	
N-Nitrosodiphenylamine	5.00	4.84	97	70 - 130	
Pentachlorophenol	10.0	9.78	98	70 - 130	
Phenanthrene	5.00	4.69	94	70 - 130	
Phenol	5.00	4.96	99	70 - 130	
Pyrene	5.00	4.92	98	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.95	99	70 - 130	
2,4,5-Trichlorophenol	5.00	5.10	102	70 - 130	
2,4,6-Trichlorophenol	5.00	4.95	99	70 - 130	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	98	50 - 150
2-Fluorophenol (Surr)	100	50 - 150
Nitrobenzene-d5 (Surr)	96	50 - 150
Phenol-d5 (Surr)	98	50 - 150
Terphenyl-d14 (Surr)	94	50 - 150
2,4,6-Tribromophenol (Surr)	100	50 - 150

Method Reporting Limit Check - Batch: 240-69977

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-69977/27	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21224027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/24/2012 1859	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.80	96	70 - 130	
Acenaphthylene	5.00	4.93	99	70 - 130	
Anthracene	5.00	4.90	98	70 - 130	
Benzo[a]anthracene	5.00	4.82	96	70 - 130	
Benzo[a]pyrene	5.00	5.02	100	70 - 130	
Benzo[b]fluoranthene	5.00	4.76	95	70 - 130	
Benzo[g,h,i]perylene	5.00	4.95	99	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69977

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-69977/27	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21224027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/24/2012 1859	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	8.29	83	70 - 130	
Benzo[k]fluoranthene	5.00	4.83	97	70 - 130	
Benzyl alcohol	5.00	4.62	92	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.86	97	70 - 130	
Bis(2-chloroethyl)ether	5.00	4.86	97	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.93	99	70 - 130	
4-Bromophenyl phenyl ether	5.00	4.94	99	70 - 130	
Butyl benzyl phthalate	5.00	4.95	99	70 - 130	
Carbazole	5.00	4.83	97	70 - 130	
4-Chloro-3-methylphenol	5.00	4.96	99	70 - 130	
2-Chloronaphthalene	5.00	4.88	98	70 - 130	
2-Chlorophenol	5.00	4.97	99	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.87	97	70 - 130	
Chrysene	5.00	4.93	99	70 - 130	
Dibenz(a,h)anthracene	5.00	4.94	99	70 - 130	
Dibenzofuran	5.00	4.74	95	70 - 130	
1,2-Dichlorobenzene	5.00	4.90	98	70 - 130	
1,3-Dichlorobenzene	5.00	4.91	98	70 - 130	
1,4-Dichlorobenzene	5.00	4.97	99	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.06	101	70 - 130	
2,4-Dichlorophenol	5.00	4.97	99	70 - 130	
Diethyl phthalate	5.00	4.88	98	70 - 130	
2,4-Dimethylphenol	5.00	5.01	100	70 - 130	
Dimethyl phthalate	5.00	4.90	98	70 - 130	
Di-n-butyl phthalate	5.00	4.83	97	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.69	94	70 - 130	
2,4-Dinitrophenol	10.0	9.04	90	70 - 130	
2,4-Dinitrotoluene	5.00	4.99	100	70 - 130	
2,6-Dinitrotoluene	5.00	4.99	100	70 - 130	
Di-n-octyl phthalate	5.00	4.61	92	70 - 130	
Fluoranthene	5.00	4.73	95	70 - 130	
Fluorene	5.00	4.92	98	70 - 130	
Hexachlorobenzene	5.00	4.96	99	70 - 130	
Hexachlorobutadiene	5.00	5.04	101	70 - 130	
Hexachloroethane	5.00	4.85	97	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.17	103	70 - 130	
Isophorone	5.00	4.91	98	70 - 130	
2-Methylnaphthalene	5.00	4.75	95	70 - 130	
2-Methylphenol	5.00	5.02	100	70 - 130	
3 & 4 Methylphenol	5.00	4.86	97	70 - 130	
Naphthalene	5.00	4.78	96	70 - 130	
2-Nitroaniline	5.00	5.00	100	70 - 130	
3-Nitroaniline	5.00	4.96	99	70 - 130	
4-Nitroaniline	5.00	5.23	105	70 - 130	
Nitrobenzene	5.00	4.93	99	70 - 130	
2-Nitrophenol	5.00	5.00	100	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69977 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-69977/27	Analysis Batch:	240-69977	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21224027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/24/2012 1859	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitrophenol	5.00	4.88	98	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.02	100	70 - 130	
N-Nitrosodiphenylamine	5.00	0.00080	0	70 - 130	U ^
Pentachlorophenol	10.0	10.4	104	70 - 130	
Phenanthrene	5.00	4.72	94	70 - 130	
Phenol	5.00	4.90	98	70 - 130	
Pyrene	5.00	4.87	97	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.99	100	70 - 130	
2,4,5-Trichlorophenol	5.00	5.18	104	70 - 130	
2,4,6-Trichlorophenol	5.00	5.13	103	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	98		50 - 150
2-Fluorophenol (Surr)	101		50 - 150
Nitrobenzene-d5 (Surr)	97		50 - 150
Phenol-d5 (Surr)	101	Q	50 - 150
Terphenyl-d14 (Surr)	94		50 - 150
2,4,6-Tribromophenol (Surr)	105		50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-70078

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70078/3	Analysis Batch:	240-70078	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21226003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/26/2012 0938	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.99	100	70 - 130	
Acenaphthylene	5.00	5.24	105	70 - 130	
Anthracene	5.00	5.21	104	70 - 130	
Benzo[a]anthracene	5.00	5.11	102	70 - 130	
Benzo[a]pyrene	5.00	5.41	108	70 - 130	
Benzo[b]fluoranthene	5.00	5.11	102	70 - 130	
Benzo[g,h,i]perylene	5.00	5.34	107	70 - 130	
Benzoic acid	10.0	9.14	91	70 - 130	
Benzo[k]fluoranthene	5.00	5.57	111	70 - 130	
Benzyl alcohol	5.00	4.83	97	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.05	101	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.13	103	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.92	98	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.29	106	70 - 130	
Butyl benzyl phthalate	5.00	4.98	100	70 - 130	
Carbazole	5.00	5.21	104	70 - 130	
4-Chloro-3-methylphenol	5.00	5.10	102	70 - 130	
2-Chloronaphthalene	5.00	5.14	103	70 - 130	
2-Chlorophenol	5.00	5.17	103	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.11	102	70 - 130	
Chrysene	5.00	5.09	102	70 - 130	
Dibenz(a,h)anthracene	5.00	5.20	104	70 - 130	
Dibenzofuran	5.00	4.99	100	70 - 130	
1,2-Dichlorobenzene	5.00	5.13	103	70 - 130	
1,3-Dichlorobenzene	5.00	5.13	103	70 - 130	
1,4-Dichlorobenzene	5.00	5.20	104	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.27	105	70 - 130	
2,4-Dichlorophenol	5.00	5.27	105	70 - 130	
Diethyl phthalate	5.00	4.93	99	70 - 130	
2,4-Dimethylphenol	5.00	5.14	103	70 - 130	
Dimethyl phthalate	5.00	5.05	101	70 - 130	
Di-n-butyl phthalate	5.00	5.13	103	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.88	98	70 - 130	
2,4-Dinitrophenol	10.0	9.74	97	70 - 130	
2,4-Dinitrotoluene	5.00	5.21	104	70 - 130	
2,6-Dinitrotoluene	5.00	5.27	105	70 - 130	
Di-n-octyl phthalate	5.00	4.68	94	70 - 130	
Fluoranthene	5.00	5.16	103	70 - 130	
Fluorene	5.00	5.18	104	70 - 130	
Hexachlorobenzene	5.00	5.18	104	70 - 130	
Hexachlorobutadiene	5.00	5.24	105	70 - 130	
Hexachloroethane	5.00	5.24	105	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.39	108	70 - 130	
Isophorone	5.00	5.08	102	70 - 130	
2-Methylnaphthalene	5.00	5.01	100	70 - 130	
2-Methylphenol	5.00	5.29	106	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-70078

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70078/3	Analysis Batch:	240-70078	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21226003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/26/2012 0938	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	5.00	5.10	102	70 - 130	
Naphthalene	5.00	5.11	102	70 - 130	
2-Nitroaniline	5.00	5.15	103	70 - 130	
3-Nitroaniline	5.00	5.28	106	70 - 130	
4-Nitroaniline	5.00	5.38	108	70 - 130	
Nitrobenzene	5.00	5.22	104	70 - 130	
2-Nitrophenol	5.00	5.42	108	70 - 130	
4-Nitrophenol	5.00	5.18	104	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.14	103	70 - 130	
N-Nitrosodiphenylamine	5.00	5.16	103	70 - 130	
Pentachlorophenol	10.0	9.55	95	70 - 130	
Phenanthrene	5.00	4.97	99	70 - 130	
Phenol	5.00	5.29	106	70 - 130	
Pyrene	5.00	5.19	104	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.15	103	70 - 130	
2,4,5-Trichlorophenol	5.00	5.22	104	70 - 130	
2,4,6-Trichlorophenol	5.00	5.47	109	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	102		50 - 150
2-Fluorophenol (Surr)	107	Q	50 - 150
Nitrobenzene-d5 (Surr)	100		50 - 150
Phenol-d5 (Surr)	104	Q	50 - 150
Terphenyl-d14 (Surr)	102		50 - 150
2,4,6-Tribromophenol (Surr)	106		50 - 150

Method Reporting Limit Check - Batch: 240-70078

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70078/16	Analysis Batch:	240-70078	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21226016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/26/2012 1442	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	5.10	102	70 - 130	
Acenaphthylene	5.00	5.33	107	70 - 130	
Anthracene	5.00	5.21	104	70 - 130	
Benzo[a]anthracene	5.00	5.22	104	70 - 130	
Benzo[a]pyrene	5.00	5.39	108	70 - 130	
Benzo[b]fluoranthene	5.00	5.28	106	70 - 130	
Benzo[g,h,i]perylene	5.00	5.42	108	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-70078 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-70078/16	Analysis Batch:	240-70078	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21226016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/26/2012 1442	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	9.40	94	70 - 130	
Benzo[k]fluoranthene	5.00	4.89	98	70 - 130	
Benzyl alcohol	5.00	4.93	99	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.12	102	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.10	102	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.00	100	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.30	106	70 - 130	
Butyl benzyl phthalate	5.00	5.13	103	70 - 130	
Carbazole	5.00	5.07	101	70 - 130	
4-Chloro-3-methylphenol	5.00	5.24	105	70 - 130	
2-Chloronaphthalene	5.00	5.20	104	70 - 130	
2-Chlorophenol	5.00	5.17	103	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.04	101	70 - 130	
Chrysene	5.00	5.32	106	70 - 130	
Dibenz(a,h)anthracene	5.00	5.22	104	70 - 130	
Dibenzofuran	5.00	5.07	101	70 - 130	
1,2-Dichlorobenzene	5.00	5.08	102	70 - 130	
1,3-Dichlorobenzene	5.00	5.06	101	70 - 130	
1,4-Dichlorobenzene	5.00	5.11	102	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.19	104	70 - 130	
2,4-Dichlorophenol	5.00	5.30	106	70 - 130	
Diethyl phthalate	5.00	5.01	100	70 - 130	
2,4-Dimethylphenol	5.00	5.15	103	70 - 130	
Dimethyl phthalate	5.00	5.20	104	70 - 130	
Di-n-butyl phthalate	5.00	5.11	102	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.83	97	70 - 130	
2,4-Dinitrophenol	10.0	8.83	88	70 - 130	
2,4-Dinitrotoluene	5.00	5.35	107	70 - 130	
2,6-Dinitrotoluene	5.00	5.21	104	70 - 130	
Di-n-octyl phthalate	5.00	4.64	93	70 - 130	
Fluoranthene	5.00	5.09	102	70 - 130	
Fluorene	5.00	5.16	103	70 - 130	
Hexachlorobenzene	5.00	5.19	104	70 - 130	
Hexachlorobutadiene	5.00	5.04	101	70 - 130	
Hexachloroethane	5.00	5.16	103	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.53	111	70 - 130	
Isophorone	5.00	4.99	100	70 - 130	
2-Methylnaphthalene	5.00	5.15	103	70 - 130	
2-Methylphenol	5.00	5.18	104	70 - 130	
3 & 4 Methylphenol	5.00	5.00	100	70 - 130	
Naphthalene	5.00	5.10	102	70 - 130	
2-Nitroaniline	5.00	5.25	105	70 - 130	
3-Nitroaniline	5.00	5.36	107	70 - 130	
4-Nitroaniline	5.00	5.44	109	70 - 130	
Nitrobenzene	5.00	5.22	104	70 - 130	
2-Nitrophenol	5.00	5.21	104	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-70078

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70078/16	Analysis Batch:	240-70078	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21226016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/26/2012 1442	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitrophenol	5.00	5.12	102	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.11	102	70 - 130	
N-Nitrosodiphenylamine	5.00	5.09	102	70 - 130	
Pentachlorophenol	10.0	10.9	109	70 - 130	
Phenanthrene	5.00	5.05	101	70 - 130	
Phenol	5.00	5.21	104	70 - 130	
Pyrene	5.00	5.24	105	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.36	107	70 - 130	
2,4,5-Trichlorophenol	5.00	5.38	108	70 - 130	
2,4,6-Trichlorophenol	5.00	5.46	109	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	103		50 - 150
2-Fluorophenol (Surr)	103		50 - 150
Nitrobenzene-d5 (Surr)	104	Q	50 - 150
Phenol-d5 (Surr)	104	Q	50 - 150
Terphenyl-d14 (Surr)	102		50 - 150
2,4,6-Tribromophenol (Surr)	110		50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-70267

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-70267/23-A	Analysis Batch:	240-70814	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-70267	Lab File ID:	30102012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	01/02/2013 1245	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/27/2012 1143			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Acenaphthene	3.3	U	3.3	6.7
Acenaphthylene	3.3	U	3.3	6.7
Anthracene	3.3	U	3.3	6.7
Benzo[a]anthracene	3.3	U	3.3	6.7
Benzo[a]pyrene	3.3	U	3.3	6.7
Benzo[b]fluoranthene	3.3	U	3.3	6.7
Benzo[g,h,i]perylene	3.3	U	3.3	6.7
Benzoic acid	330	U	330	660
Benzo[k]fluoranthene	3.3	U	3.3	6.7
Benzyl alcohol	27	U	21	330
Bis(2-chloroethoxy)methane	27	U	22	100
Bis(2-chloroethyl)ether	3.3	U	2.0	100
bis (2-chloroisopropyl) ether	27	U	9.5	100
Bis(2-ethylhexyl) phthalate	27	U	19	50
4-Bromophenyl phenyl ether	27	U	13	50
Butyl benzyl phthalate	27	U	10	50
Carbazole	27	U	27	50
4-Chloroaniline	27	U	17	150
4-Chloro-3-methylphenol	27	U	21	150
2-Chloronaphthalene	3.3	U	3.3	50
2-Chlorophenol	27	U	27	50
4-Chlorophenyl phenyl ether	27	U	13	50
Chrysene	3.3	U	1.1	6.7
Dibenz(a,h)anthracene	3.3	U	3.3	6.7
Dibenzofuran	3.3	U	3.3	50
1,2-Dichlorobenzene	27	U	9.7	50
1,3-Dichlorobenzene	27	U	11	50
1,4-Dichlorobenzene	27	U	20	50
3,3'-Dichlorobenzidine	80	U	18	100
2,4-Dichlorophenol	27	U	20	150
Diethyl phthalate	27	U	16	50
2,4-Dimethylphenol	80	U	20	150
Dimethyl phthalate	27	U	17	50
Di-n-butyl phthalate	27	U	15	50
4,6-Dinitro-2-methylphenol	80	U	80	150
2,4-Dinitrophenol	80	U	80	330
2,4-Dinitrotoluene	27	U	27	200
2,6-Dinitrotoluene	27	U	21	200
Di-n-octyl phthalate	27	U	27	50
Fluoranthene	3.3	U	3.3	6.7
Fluorene	3.3	U	3.3	6.7
Hexachlorobenzene	3.3	U	2.1	6.7
Hexachlorobutadiene	27	U	27	50
Hexachlorocyclopentadiene	27	U	27	330
Hexachloroethane	27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-70267

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-70267/23-A	Analysis Batch:	240-70814	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-70267	Lab File ID:	30102012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	01/02/2013 1245	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/27/2012 1143			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Indeno[1,2,3-cd]pyrene	3.3	U	3.3	6.7
Isophorone	27	U	13	50
2-Methylnaphthalene	3.3	U	3.3	6.7
2-Methylphenol	80	U	80	200
3 & 4 Methylphenol	80	U	20	400
Naphthalene	3.3	U	3.3	6.7
2-Nitroaniline	27	U	9.1	200
3-Nitroaniline	80	U	16	200
4-Nitroaniline	27	U	26	200
Nitrobenzene	3.3	U	2.2	100
2-Nitrophenol	27	U	27	50
4-Nitrophenol	80	U	80	330
N-Nitrosodi-n-propylamine	27	U	27	50
N-Nitrosodiphenylamine	27	U	21	50
Pentachlorophenol	80	U	80	150
Phenanthrene	3.3	U	3.3	6.7
Phenol	27	U	27	50
Pyrene	3.3	U	3.3	6.7
1,2,4-Trichlorobenzene	27	U	27	50
2,4,5-Trichlorophenol	27	U	25	150
2,4,6-Trichlorophenol	80	U	80	150

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	56	45 - 105
2-Fluorophenol (Surr)	76	35 - 105
Nitrobenzene-d5 (Surr)	63	35 - 100
Phenol-d5 (Surr)	75	40 - 100
Terphenyl-d14 (Surr)	66	30 - 125
2,4,6-Tribromophenol (Surr)	65	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 240-70267

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-70267/24-A	Analysis Batch:	240-70566	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-70267	Lab File ID:	21229007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/29/2012 1418	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/27/2012 1143			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	482	72	45 - 110	
Acenaphthylene	667	490	74	45 - 105	
Anthracene	667	520	78	55 - 105	
Benzo[a]anthracene	667	536	80	50 - 110	
Benzo[a]pyrene	667	477	72	50 - 110	
Benzo[b]fluoranthene	667	490	74	45 - 115	
Benzo[g,h,i]perylene	667	547	82	40 - 125	
Benzoic acid	667	330	16	0 - 110	U M
Benzo[k]fluoranthene	667	530	80	45 - 125	
Benzyl alcohol	667	546	82	20 - 125	
Bis(2-chloroethoxy)methane	667	439	66	45 - 110	
Bis(2-chloroethyl)ether	667	419	63	40 - 105	
bis (2-chloroisopropyl) ether	667	431	65	20 - 115	
Bis(2-ethylhexyl) phthalate	667	601	90	45 - 125	
4-Bromophenyl phenyl ether	667	471	71	45 - 115	
Butyl benzyl phthalate	667	610	91	50 - 125	
Carbazole	667	542	81	45 - 115	
4-Chloroaniline	667	396	59	10 - 110	
4-Chloro-3-methylphenol	667	572	86	45 - 115	
2-Chloronaphthalene	667	410	62	45 - 105	
2-Chlorophenol	667	501	75	45 - 105	
4-Chlorophenyl phenyl ether	667	426	64	45 - 110	
Chrysene	667	545	82	55 - 110	
Dibenz(a,h)anthracene	667	525	79	40 - 125	
Dibenzofuran	667	495	74	50 - 105	
1,2-Dichlorobenzene	667	400	60	45 - 110	
1,3-Dichlorobenzene	667	378	57	40 - 100	
1,4-Dichlorobenzene	667	480	72	35 - 105	
3,3'-Dichlorobenzidine	667	383	57	10 - 130	
2,4-Dichlorophenol	667	544	82	45 - 110	
Diethyl phthalate	667	541	81	50 - 115	
2,4-Dimethylphenol	667	407	61	30 - 105	
Dimethyl phthalate	667	546	82	50 - 110	
Di-n-butyl phthalate	667	573	86	55 - 110	
4,6-Dinitro-2-methylphenol	667	428	64	30 - 135	
2,4-Dinitrophenol	667	283	43	15 - 130	J
2,4-Dinitrotoluene	667	468	70	50 - 115	
2,6-Dinitrotoluene	667	477	72	50 - 110	
Di-n-octyl phthalate	667	523	78	40 - 130	
Fluoranthene	667	541	81	55 - 115	
Fluorene	667	511	77	50 - 110	
Hexachlorobenzene	667	429	64	45 - 120	
Hexachlorobutadiene	667	376	56	40 - 115	
Hexachloroethane	667	420	63	35 - 110	
Indeno[1,2,3-cd]pyrene	667	526	79	40 - 120	
Isophorone	667	538	81	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 240-70267

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-70267/24-A	Analysis Batch:	240-70566	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-70267	Lab File ID:	21229007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/29/2012 1418	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/27/2012 1143			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	482	72	45 - 105	
2-Methylphenol	667	525	79	40 - 105	
3 & 4 Methylphenol	1330	1090	82	40 - 105	
Naphthalene	667	484	73	40 - 105	
2-Nitroaniline	667	570	86	45 - 120	
3-Nitroaniline	667	533	80	25 - 110	
4-Nitroaniline	667	522	78	35 - 115	
Nitrobenzene	667	423	63	40 - 115	
2-Nitrophenol	667	520	78	40 - 110	
4-Nitrophenol	667	476	71	15 - 140	
N-Nitrosodi-n-propylamine	667	532	80	40 - 115	
N-Nitrosodiphenylamine	667	550	82	50 - 115	
Pentachlorophenol	667	322	48	25 - 120	
Phenanthrene	667	511	77	50 - 110	
Phenol	667	542	81	40 - 100	
Pyrene	667	533	80	45 - 125	
1,2,4-Trichlorobenzene	667	383	57	45 - 110	
2,4,5-Trichlorophenol	667	551	83	50 - 110	
2,4,6-Trichlorophenol	667	524	79	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	58	45 - 105
2-Fluorophenol (Surr)	78	35 - 105
Nitrobenzene-d5 (Surr)	62	35 - 100
Phenol-d5 (Surr)	80	40 - 100
Terphenyl-d14 (Surr)	70	30 - 125
2,4,6-Tribromophenol (Surr)	75	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-70566 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-70566/3	Analysis Batch:	240-70566	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21229003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/29/2012 1150	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.55	91	70 - 130	
Acenaphthylene	5.00	4.60	92	70 - 130	
Anthracene	5.00	4.96	99	70 - 130	
Benzo[a]anthracene	5.00	5.13	103	70 - 130	
Benzo[a]pyrene	5.00	5.09	102	70 - 130	
Benzo[b]fluoranthene	5.00	4.88	98	70 - 130	
Benzo[g,h,i]perylene	5.00	5.08	102	70 - 130	
Benzoic acid	10.0	9.11	91	70 - 130	
Benzo[k]fluoranthene	5.00	4.96	99	70 - 130	
Benzyl alcohol	5.00	5.36	107	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.10	102	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.11	102	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.51	110	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.34	107	70 - 130	
Butyl benzyl phthalate	5.00	5.14	103	70 - 130	
Carbazole	5.00	5.13	103	70 - 130	
4-Chloro-3-methylphenol	5.00	5.31	106	70 - 130	
2-Chloronaphthalene	5.00	4.72	94	70 - 130	
2-Chlorophenol	5.00	5.30	106	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.76	95	70 - 130	
Chrysene	5.00	4.82	96	70 - 130	
Dibenz(a,h)anthracene	5.00	4.81	96	70 - 130	
Dibenzofuran	5.00	4.64	93	70 - 130	
1,2-Dichlorobenzene	5.00	4.76	95	70 - 130	
1,3-Dichlorobenzene	5.00	4.72	94	70 - 130	
1,4-Dichlorobenzene	5.00	5.14	103	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.23	105	70 - 130	
2,4-Dichlorophenol	5.00	5.13	103	70 - 130	
Diethyl phthalate	5.00	4.86	97	70 - 130	
2,4-Dimethylphenol	5.00	5.06	101	70 - 130	
Dimethyl phthalate	5.00	5.09	102	70 - 130	
Di-n-butyl phthalate	5.00	5.14	103	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.22	104	70 - 130	
2,4-Dinitrophenol	10.0	9.30	93	70 - 130	
2,4-Dinitrotoluene	5.00	5.52	110	70 - 130	
2,6-Dinitrotoluene	5.00	5.05	101	70 - 130	
Di-n-octyl phthalate	5.00	5.04	101	70 - 130	
Fluoranthene	5.00	5.03	101	70 - 130	
Fluorene	5.00	4.70	94	70 - 130	
Hexachlorobenzene	5.00	4.91	98	70 - 130	
Hexachlorobutadiene	5.00	5.11	102	70 - 130	
Hexachloroethane	5.00	5.35	107	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.78	96	70 - 130	
Isophorone	5.00	5.07	101	70 - 130	
2-Methylnaphthalene	5.00	4.74	95	70 - 130	
2-Methylphenol	5.00	5.29	106	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-70566

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70566/3	Analysis Batch:	240-70566	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21229003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/29/2012 1150	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	5.00	5.14	103	70 - 130	
Naphthalene	5.00	4.91	98	70 - 130	
2-Nitroaniline	5.00	5.29	106	70 - 130	
3-Nitroaniline	5.00	5.58	112	70 - 130	
4-Nitroaniline	5.00	5.18	104	70 - 130	
Nitrobenzene	5.00	5.18	104	70 - 130	
2-Nitrophenol	5.00	5.44	109	70 - 130	
4-Nitrophenol	5.00	4.23	85	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.45	109	70 - 130	
N-Nitrosodiphenylamine	5.00	5.32	106	70 - 130	
Pentachlorophenol	10.0	8.72	87	70 - 130	
Phenanthrene	5.00	4.88	98	70 - 130	
Phenol	5.00	5.23	105	70 - 130	
Pyrene	5.00	4.94	99	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.86	97	70 - 130	
2,4,5-Trichlorophenol	5.00	5.01	100	70 - 130	
2,4,6-Trichlorophenol	5.00	5.42	108	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	95		50 - 150
2-Fluorophenol (Surr)	103		50 - 150
Nitrobenzene-d5 (Surr)	107	Q	50 - 150
Phenol-d5 (Surr)	106	Q	50 - 150
Terphenyl-d14 (Surr)	100		50 - 150
2,4,6-Tribromophenol (Surr)	109		50 - 150

Method Reporting Limit Check - Batch: 240-70566

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70566/13	Analysis Batch:	240-70566	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21229013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/29/2012 1645	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.68	94	70 - 130	
Acenaphthylene	5.00	4.86	97	70 - 130	
Anthracene	5.00	4.93	99	70 - 130	
Benzo[a]anthracene	5.00	5.11	102	70 - 130	
Benzo[a]pyrene	5.00	4.85	97	70 - 130	
Benzo[b]fluoranthene	5.00	4.51	90	70 - 130	
Benzo[g,h,i]perylene	5.00	5.10	102	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-70566 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-70566/13	Analysis Batch:	240-70566	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21229013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/29/2012 1645	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	5.30	53	70 - 130	^
Benzo[k]fluoranthene	5.00	4.97	99	70 - 130	
Benzyl alcohol	5.00	5.52	110	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.85	97	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.29	106	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.32	106	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.21	104	70 - 130	
Butyl benzyl phthalate	5.00	5.34	107	70 - 130	
Carbazole	5.00	4.98	100	70 - 130	
4-Chloro-3-methylphenol	5.00	5.07	101	70 - 130	
2-Chloronaphthalene	5.00	4.69	94	70 - 130	
2-Chlorophenol	5.00	5.36	107	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.97	99	70 - 130	
Chrysene	5.00	4.87	97	70 - 130	
Dibenz(a,h)anthracene	5.00	4.58	92	70 - 130	
Dibenzofuran	5.00	4.65	93	70 - 130	
1,2-Dichlorobenzene	5.00	4.97	99	70 - 130	
1,3-Dichlorobenzene	5.00	5.15	103	70 - 130	
1,4-Dichlorobenzene	5.00	5.25	105	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.21	104	70 - 130	
2,4-Dichlorophenol	5.00	5.03	101	70 - 130	
Diethyl phthalate	5.00	5.04	101	70 - 130	
2,4-Dimethylphenol	5.00	4.87	97	70 - 130	
Dimethyl phthalate	5.00	4.93	99	70 - 130	
Di-n-butyl phthalate	5.00	5.12	102	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	2.22	44	70 - 130	^
2,4-Dinitrophenol	10.0	2.54	25	70 - 130	^
2,4-Dinitrotoluene	5.00	5.10	102	70 - 130	
2,6-Dinitrotoluene	5.00	4.82	96	70 - 130	
Di-n-octyl phthalate	5.00	5.00	100	70 - 130	
Fluoranthene	5.00	4.89	98	70 - 130	
Fluorene	5.00	4.80	96	70 - 130	
Hexachlorobenzene	5.00	4.90	98	70 - 130	
Hexachlorobutadiene	5.00	4.96	99	70 - 130	
Hexachloroethane	5.00	5.83	117	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.65	93	70 - 130	
Isophorone	5.00	4.99	100	70 - 130	
2-Methylnaphthalene	5.00	4.67	93	70 - 130	
2-Methylphenol	5.00	5.70	114	70 - 130	
3 & 4 Methylphenol	5.00	5.43	109	70 - 130	
Naphthalene	5.00	4.75	95	70 - 130	
2-Nitroaniline	5.00	5.29	106	70 - 130	
3-Nitroaniline	5.00	5.52	110	70 - 130	
4-Nitroaniline	5.00	5.25	105	70 - 130	
Nitrobenzene	5.00	4.92	98	70 - 130	
2-Nitrophenol	5.00	5.25	105	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-70566

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70566/13	Analysis Batch:	240-70566	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21229013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/29/2012 1645	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitrophenol	5.00	4.11	82	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.57	111	70 - 130	
N-Nitrosodiphenylamine	5.00	4.99	100	70 - 130	
Pentachlorophenol	10.0	4.10	41	70 - 130	^
Phenanthrene	5.00	4.69	94	70 - 130	
Phenol	5.00	5.36	107	70 - 130	
Pyrene	5.00	5.01	100	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.81	96	70 - 130	
2,4,5-Trichlorophenol	5.00	4.86	97	70 - 130	
2,4,6-Trichlorophenol	5.00	5.03	101	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	99		50 - 150
2-Fluorophenol (Surr)	112	Q	50 - 150
Nitrobenzene-d5 (Surr)	98		50 - 150
Phenol-d5 (Surr)	109	Q	50 - 150
Terphenyl-d14 (Surr)	99		50 - 150
2,4,6-Tribromophenol (Surr)	112		50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-70814 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-70814/11	Analysis Batch:	240-70814	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	30102011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	01/02/2013 1218	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	5.04	101	70 - 130	
Acenaphthylene	5.00	5.05	101	70 - 130	
Anthracene	5.00	4.97	99	70 - 130	
Benzo[a]anthracene	5.00	4.88	98	70 - 130	
Benzo[a]pyrene	5.00	5.04	101	70 - 130	
Benzo[b]fluoranthene	5.00	4.82	96	70 - 130	
Benzo[g,h,i]perylene	5.00	5.02	100	70 - 130	
Benzoic acid	10.0	9.07	91	70 - 130	M
Benzo[k]fluoranthene	5.00	5.02	100	70 - 130	
Benzyl alcohol	5.00	4.97	99	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.69	94	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.10	102	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.93	99	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.15	103	70 - 130	
Butyl benzyl phthalate	5.00	4.89	98	70 - 130	
Carbazole	5.00	4.92	98	70 - 130	
4-Chloro-3-methylphenol	5.00	4.73	95	70 - 130	
2-Chloronaphthalene	5.00	4.96	99	70 - 130	
2-Chlorophenol	5.00	5.07	101	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.00	100	70 - 130	
Chrysene	5.00	4.82	96	70 - 130	
Dibenz(a,h)anthracene	5.00	4.68	94	70 - 130	
Dibenzofuran	5.00	4.87	97	70 - 130	
1,2-Dichlorobenzene	5.00	5.08	102	70 - 130	
1,3-Dichlorobenzene	5.00	5.15	103	70 - 130	
1,4-Dichlorobenzene	5.00	5.31	106	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.21	104	70 - 130	
2,4-Dichlorophenol	5.00	4.95	99	70 - 130	
Diethyl phthalate	5.00	5.36	107	70 - 130	
2,4-Dimethylphenol	5.00	4.43	89	70 - 130	
Dimethyl phthalate	5.00	5.43	109	70 - 130	
Di-n-butyl phthalate	5.00	4.93	99	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.25	105	70 - 130	
2,4-Dinitrophenol	10.0	9.37	94	70 - 130	
2,4-Dinitrotoluene	5.00	5.56	111	70 - 130	
2,6-Dinitrotoluene	5.00	5.80	116	70 - 130	
Di-n-octyl phthalate	5.00	4.83	97	70 - 130	
Fluoranthene	5.00	4.92	98	70 - 130	
Fluorene	5.00	5.06	101	70 - 130	
Hexachlorobenzene	5.00	5.15	103	70 - 130	
Hexachlorobutadiene	5.00	5.11	102	70 - 130	
Hexachloroethane	5.00	4.98	100	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.93	99	70 - 130	
Isophorone	5.00	4.58	92	70 - 130	
2-Methylnaphthalene	5.00	4.59	92	70 - 130	
2-Methylphenol	5.00	5.46	109	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-70814

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70814/11	Analysis Batch:	240-70814	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	30102011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	01/02/2013 1218	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	5.00	5.09	102	70 - 130	
Naphthalene	5.00	4.73	95	70 - 130	
2-Nitroaniline	5.00	5.39	108	70 - 130	
3-Nitroaniline	5.00	5.58	112	70 - 130	
4-Nitroaniline	5.00	5.41	108	70 - 130	
Nitrobenzene	5.00	4.49	90	70 - 130	
2-Nitrophenol	5.00	5.13	103	70 - 130	
4-Nitrophenol	5.00	4.72	94	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.16	103	70 - 130	
N-Nitrosodiphenylamine	5.00	4.94	99	70 - 130	
Pentachlorophenol	10.0	8.94	89	70 - 130	
Phenanthrene	5.00	4.81	96	70 - 130	
Phenol	5.00	5.00	100	70 - 130	
Pyrene	5.00	4.78	96	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.84	97	70 - 130	
2,4,5-Trichlorophenol	5.00	5.14	103	70 - 130	
2,4,6-Trichlorophenol	5.00	5.14	103	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	102		50 - 150
2-Fluorophenol (Surr)	105		50 - 150
Nitrobenzene-d5 (Surr)	92		50 - 150
Phenol-d5 (Surr)	101	Q	50 - 150
Terphenyl-d14 (Surr)	95		50 - 150
2,4,6-Tribromophenol (Surr)	105		50 - 150

Method Reporting Limit Check - Batch: 240-70814

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70814/13	Analysis Batch:	240-70814	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	30102013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	01/02/2013 1309	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.98	100	70 - 130	
Acenaphthylene	5.00	5.04	101	70 - 130	
Anthracene	5.00	4.90	98	70 - 130	
Benzo[a]anthracene	5.00	5.15	103	70 - 130	
Benzo[a]pyrene	5.00	4.72	94	70 - 130	
Benzo[b]fluoranthene	5.00	4.52	90	70 - 130	
Benzo[g,h,i]perylene	5.00	4.87	97	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-70814

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70814/13	Analysis Batch:	240-70814	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	30102013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	01/02/2013 1309	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	8.79	88	70 - 130	
Benzo[k]fluoranthene	5.00	4.95	99	70 - 130	
Benzyl alcohol	5.00	4.97	99	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.88	98	70 - 130	
Bis(2-chloroethyl)ether	5.00	4.67	93	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.03	101	70 - 130	
4-Bromophenyl phenyl ether	5.00	4.89	98	70 - 130	
Butyl benzyl phthalate	5.00	5.04	101	70 - 130	
Carbazole	5.00	4.94	99	70 - 130	
4-Chloro-3-methylphenol	5.00	5.28	106	70 - 130	
2-Chloronaphthalene	5.00	4.89	98	70 - 130	
2-Chlorophenol	5.00	5.09	102	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.36	107	70 - 130	
Chrysene	5.00	4.86	97	70 - 130	
Dibenz(a,h)anthracene	5.00	4.61	92	70 - 130	
Dibenzofuran	5.00	4.85	97	70 - 130	
1,2-Dichlorobenzene	5.00	4.63	93	70 - 130	
1,3-Dichlorobenzene	5.00	4.76	95	70 - 130	
1,4-Dichlorobenzene	5.00	5.00	100	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.38	108	70 - 130	
2,4-Dichlorophenol	5.00	5.04	101	70 - 130	
Diethyl phthalate	5.00	5.22	104	70 - 130	
2,4-Dimethylphenol	5.00	4.90	98	70 - 130	
Dimethyl phthalate	5.00	5.29	106	70 - 130	
Di-n-butyl phthalate	5.00	4.96	99	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.05	101	70 - 130	
2,4-Dinitrophenol	10.0	8.87	89	70 - 130	
2,4-Dinitrotoluene	5.00	5.65	113	70 - 130	
2,6-Dinitrotoluene	5.00	5.28	106	70 - 130	
Di-n-octyl phthalate	5.00	4.81	96	70 - 130	
Fluoranthene	5.00	4.85	97	70 - 130	
Fluorene	5.00	5.06	101	70 - 130	
Hexachlorobenzene	5.00	5.33	107	70 - 130	
Hexachlorobutadiene	5.00	5.31	106	70 - 130	
Hexachloroethane	5.00	5.08	102	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.80	96	70 - 130	
Isophorone	5.00	4.88	98	70 - 130	
2-Methylnaphthalene	5.00	4.75	95	70 - 130	
2-Methylphenol	5.00	4.99	100	70 - 130	
3 & 4 Methylphenol	5.00	4.98	100	70 - 130	
Naphthalene	5.00	4.96	99	70 - 130	
2-Nitroaniline	5.00	5.50	110	70 - 130	
3-Nitroaniline	5.00	5.74	115	70 - 130	
4-Nitroaniline	5.00	5.19	104	70 - 130	
Nitrobenzene	5.00	4.84	97	70 - 130	
2-Nitrophenol	5.00	5.69	114	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-70814

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70814/13	Analysis Batch:	240-70814	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	30102013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	01/02/2013 1309	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitrophenol	5.00	4.50	90	70 - 130	
N-Nitrosodi-n-propylamine	5.00	4.79	96	70 - 130	
N-Nitrosodiphenylamine	5.00	5.15	103	70 - 130	
Pentachlorophenol	10.0	9.17	92	70 - 130	
Phenanthrene	5.00	4.58	92	70 - 130	
Phenol	5.00	4.97	99	70 - 130	
Pyrene	5.00	5.02	100	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.02	100	70 - 130	
2,4,5-Trichlorophenol	5.00	5.31	106	70 - 130	
2,4,6-Trichlorophenol	5.00	5.54	111	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	100		50 - 150
2-Fluorophenol (Surr)	102		50 - 150
Nitrobenzene-d5 (Surr)	106	Q	50 - 150
Phenol-d5 (Surr)	98		50 - 150
Terphenyl-d14 (Surr)	97		50 - 150
2,4,6-Tribromophenol (Surr)	118		50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-69008

Method: 8015B
Preparation: 5035

Lab Sample ID:	MB 240-69008/1-A	Analysis Batch:	240-69540	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-69008	Lab File ID:	YF122019.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	12/20/2012 2121	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/17/2012 1229			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
C6-C12	2500	U	1700	5000

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	79	10 - 150

Lab Control Sample - Batch: 240-69008

Method: 8015B
Preparation: 5035

Lab Sample ID:	LCS 240-69008/2-A	Analysis Batch:	240-69540	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-69008	Lab File ID:	YF122020.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	12/20/2012 2159	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/17/2012 1229			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	40000	44900	112	60 - 142	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	93	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-69142

Method: 8015B
Preparation: N/A

Lab Sample ID:	MB 240-69142/42	Analysis Batch:	240-69142	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF121842.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/19/2012 1103	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
C6-C12	50	U	46	100

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	80	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69142

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-69142/32	Analysis Batch:	240-69142	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF121832.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/19/2012 0446	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	100	114	114	70 - 130	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	80	70 - 130

Lab Control Sample - Batch: 240-69142

Method: 8015B
Preparation: N/A

Lab Sample ID:	LCS 240-69142/43	Analysis Batch:	240-69142	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF121843.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/19/2012 1141	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	800	1030	129	60 - 142	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	88	10 - 150

Method Reporting Limit Check - Batch: 240-69142

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-69142/55	Analysis Batch:	240-69142	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF121855.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/19/2012 2002	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	100	204	204	70 - 130	^

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	75	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69349

Method: 8015B
Preparation: 5035

MS Lab Sample ID:	240-18544-1	Analysis Batch:	240-69142	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-69349	Lab File ID:	YF121845.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	6.261 g
Analysis Date:	12/19/2012 1257			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-18544-1	Analysis Batch:	240-69142	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-69349	Lab File ID:	YF121846.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	6.256 g
Analysis Date:	12/19/2012 1335			Final Weight/Volume:	5 mL
Prep Date:	12/07/2012 2005			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C6-C12	87	85	10 - 142	2	94		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Trifluorotoluene (Surr)	87	86	10 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69349

Method: 8015B
Preparation: 5035

MS Lab Sample ID:	240-18544-1	Units:	ug/Kg	MSD Lab Sample ID:	240-18544-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/19/2012 1257			Analysis Date:	12/19/2012 1335
Prep Date:	12/07/2012 2005			Prep Date:	12/07/2012 2005
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
C6-C12	44	U	720	720	624	614

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-69540

Method: 8015B
Preparation: N/A

Lab Sample ID:	MB 240-69540/10	Analysis Batch:	240-69540	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF122010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/20/2012 1508	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
C6-C12	50	U	46	100

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	77	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69540

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-69540/6	Analysis Batch:	240-69540	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF122006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1235	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	100	90.2	90	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	78	70 - 130

Lab Control Sample - Batch: 240-69540

Method: 8015B
Preparation: N/A

Lab Sample ID:	LCS 240-69540/8	Analysis Batch:	240-69540	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF122008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/20/2012 1351	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	800	971	121	60 - 142	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	88	10 - 150

Method Reporting Limit Check - Batch: 240-69540

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-69540/23	Analysis Batch:	240-69540	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF122023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 2354	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	100	96.4	96	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	78	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-69020

Method: 8015B_DRO/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-69020/4-A	Analysis Batch:	240-69251	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-69020	Lab File ID:	P5B10011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/18/2012 1513	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/17/2012 1311			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
C10-C20	9.3	U	9.3	17
C20-C34	9.3	U	9.3	17

Surrogate	% Rec	Acceptance Limits
n-Nonane	67	10 - 110

Lab Control Sample - Batch: 240-69020

Method: 8015B_DRO/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-69020/24-A	Analysis Batch:	240-69251	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-69020	Lab File ID:	P5B10012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/18/2012 1543	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/17/2012 1311			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	83.3	64.9	78	47 - 138	

Surrogate	% Rec	Acceptance Limits
n-Nonane	63	10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69020

Method: 8015B_DRO/DOD
Preparation: 3540C

MS Lab Sample ID:	240-18544-1	Analysis Batch:	240-69251	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-69020	Lab File ID:	P5B10014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.04 g
Analysis Date:	12/18/2012 1644			Final Weight/Volume:	5 mL
Prep Date:	12/17/2012 1311			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-18544-1	Analysis Batch:	240-69251	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-69020	Lab File ID:	P5B10015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	29.93 g
Analysis Date:	12/18/2012 1714			Final Weight/Volume:	5 mL
Prep Date:	12/17/2012 1311			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel	82	93	10 - 199	13	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
n-Nonane	62	74	10 - 110

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69020

Method: 8015B_DRO/DOD
Preparation: 3540C

MS Lab Sample ID:	240-18544-1	Units:	mg/Kg	MSD Lab Sample ID:	240-18544-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/18/2012 1644			Analysis Date:	12/18/2012 1714
Prep Date:	12/17/2012 1311			Prep Date:	12/17/2012 1311
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Diesel	10	U	93.7	94.1	76.7	87.2

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69251 **Method: 8015B_DRO/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69251/9	Analysis Batch:	240-69251	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P5B10009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/18/2012 1412	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	100	96.3	96	70 - 130	J

Surrogate	% Rec	Acceptance Limits
n-Nonane	99	70 - 130

Method Reporting Limit Check - Batch: 240-69251 **Method: 8015B_DRO/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69251/39	Analysis Batch:	240-69251	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P5B10039.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/19/2012 1222	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	100	86.2	86	70 - 130	J

Surrogate	% Rec	Acceptance Limits
n-Nonane	83	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69475

Method: 8015B_DRO/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-69475/4	Analysis Batch:	240-69475	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P5B10004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/19/2012 1857	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	100	81.0	81	70 - 130	J

Surrogate	% Rec	Acceptance Limits
n-Nonane	84	70 - 130

Method Reporting Limit Check - Batch: 240-69475

Method: 8015B_DRO/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-69475/37	Analysis Batch:	240-69475	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P5B10037.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/20/2012 1136	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	100	112	112	70 - 130	

Surrogate	% Rec	Acceptance Limits
n-Nonane	108	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-68407

Method: 8081/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-68407/10-A	Analysis Batch:	240-68628	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-68407	Lab File ID:	P9121417.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/14/2012 0833	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/12/2012 1420			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
4,4'-DDD	0.67	U	0.62	2.0
4,4'-DDE	0.67	U	0.39	1.7
4,4'-DDT	0.67	U	0.63	2.0
Aldrin	1.3	U	1.2	4.0
alpha-BHC	1.3	U	0.73	2.5
alpha-Chlordane	1.3	U	0.94	3.0
beta-BHC	1.3	U	1.1	3.5
delta-BHC	1.3	U	1.2	4.0
Dieldrin	0.67	U	0.47	1.7
Endosulfan I	0.67	U	0.52	1.7
Endosulfan II	1.3	U	0.82	2.5
Endosulfan sulfate	1.3	U	0.87	3.0
Endrin	0.67	U	0.50	1.7
Endrin aldehyde	1.3	U	1.0	3.0
Endrin ketone	0.67	U	0.63	2.0
gamma-BHC (Lindane)	1.3	U	0.74	2.5
gamma-Chlordane	0.67	U	0.42	1.7
Heptachlor	1.3	U	1.1	3.5
Heptachlor epoxide	1.3	U	0.80	2.5
Methoxychlor	3.3	U	1.5	5.0
Toxaphene	20	U	19	67

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	85	M	55 - 130
Tetrachloro-m-xylene	84		70 - 125

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	71	55 - 130
Tetrachloro-m-xylene	78	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 240-68407

Method: 8081/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-68407/9-A	Analysis Batch:	240-68628	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-68407	Lab File ID:	P9121408.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/14/2012 0426	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/12/2012 1420			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	33.3	27.8	83	30 - 135	
4,4'-DDE	33.3	26.2	79	70 - 125	
4,4'-DDT	33.3	26.3	79	45 - 140	
Aldrin	33.3	26.7	80	45 - 140	
alpha-BHC	33.3	26.8	80	60 - 125	
alpha-Chlordane	33.3	25.6	77	65 - 120	
beta-BHC	33.3	24.3	73	60 - 125	
delta-BHC	33.3	26.8	80	55 - 130	
Dieldrin	33.3	28.5	85	65 - 125	
Endosulfan I	33.3	24.2	73	15 - 135	
Endosulfan II	33.3	23.5	71	35 - 140	
Endosulfan sulfate	33.3	26.3	79	60 - 135	
Endrin	33.3	27.5	83	60 - 135	
Endrin aldehyde	33.3	25.8	77	35 - 145	
Endrin ketone	33.3	25.3	76	65 - 135	
gamma-BHC (Lindane)	33.3	24.9	75	60 - 125	
gamma-Chlordane	33.3	26.0	78	65 - 125	
Heptachlor	33.3	25.9	78	50 - 140	
Heptachlor epoxide	33.3	28.4	85	65 - 130	
Methoxychlor	33.3	26.3	79	55 - 145	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	55 - 130
Tetrachloro-m-xylene	78	70 - 125

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	76	55 - 130
Tetrachloro-m-xylene	81	70 - 125

Method Reporting Limit Check - Batch: 240-68628

Method: 8081/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-68628/7	Analysis Batch:	240-68628	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P9121407.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/14/2012 0359	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00568	114	70 - 130	
4,4'-DDE	0.00500	0.00525	105	70 - 130	
4,4'-DDT	0.00500	0.00488	98	70 - 130	J
Aldrin	0.00500	0.00519	104	70 - 130	
alpha-BHC	0.00500	0.00505	101	70 - 130	
alpha-Chlordane	0.00500	0.00540	108	70 - 130	
beta-BHC	0.00500	0.00578	116	70 - 130	
delta-BHC	0.00500	0.00516	103	70 - 130	
Dieldrin	0.00500	0.00567	113	70 - 130	
Endosulfan I	0.00500	0.00587	117	70 - 130	
Endosulfan II	0.00500	0.00574	115	70 - 130	
Endosulfan sulfate	0.00500	0.00572	114	70 - 130	
Endrin	0.00500	0.00596	119	70 - 130	
Endrin aldehyde	0.00500	0.00576	115	70 - 130	
Endrin ketone	0.00500	0.00589	118	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00533	107	70 - 130	
gamma-Chlordane	0.00500	0.00540	108	70 - 130	
Heptachlor	0.00500	0.00582	116	70 - 130	
Heptachlor epoxide	0.00500	0.00571	114	70 - 130	
Methoxychlor	0.00500	0.00562	112	70 - 130	J

Method Reporting Limit Check - Batch: 240-68628

Method: 8081/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-68628/7	Analysis Batch:	240-68628	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P9121407.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/14/2012 0359	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00580	116	70 - 130	
4,4'-DDE	0.00500	0.00536	107	70 - 130	
4,4'-DDT	0.00500	0.00479	96	70 - 130	J
Aldrin	0.00500	0.00535	107	70 - 130	
alpha-BHC	0.00500	0.00491	98	70 - 130	J
alpha-Chlordane	0.00500	0.00583	117	70 - 130	
beta-BHC	0.00500	0.00633	127	70 - 130	
delta-BHC	0.00500	0.00528	106	70 - 130	
Dieldrin	0.00500	0.00607	121	70 - 130	
Endosulfan I	0.00500	0.00629	126	70 - 130	
Endosulfan II	0.00500	0.00572	114	70 - 130	
Endosulfan sulfate	0.00500	0.00581	116	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-68628

Method: 8081/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-68628/7	Analysis Batch:	240-68628	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P9121407.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/14/2012 0359	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endrin	0.00500	0.00591	118	70 - 130	
Endrin aldehyde	0.00500	0.00599	120	70 - 130	
Endrin ketone	0.00500	0.00551	110	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00547	109	70 - 130	
gamma-Chlordane	0.00500	0.00572	114	70 - 130	
Heptachlor	0.00500	0.00619	124	70 - 130	
Heptachlor epoxide	0.00500	0.00600	120	70 - 130	
Methoxychlor	0.00500	0.00510	102	70 - 130	J

Method Reporting Limit Check - Batch: 240-68628

Method: 8081/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-68628/20	Analysis Batch:	240-68628	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P9121420.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/14/2012 0955	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00554	111	70 - 130	
4,4'-DDE	0.00500	0.00602	120	70 - 130	
4,4'-DDT	0.00500	0.00486	97	70 - 130	J
Aldrin	0.00500	0.00586	117	70 - 130	
alpha-BHC	0.00500	0.00541	108	70 - 130	
alpha-Chlordane	0.00500	0.00555	111	70 - 130	
beta-BHC	0.00500	0.00586	117	70 - 130	
delta-BHC	0.00500	0.00544	109	70 - 130	
Dieldrin	0.00500	0.00561	112	70 - 130	
Endosulfan I	0.00500	0.00584	117	70 - 130	
Endosulfan II	0.00500	0.00544	109	70 - 130	
Endosulfan sulfate	0.00500	0.00542	108	70 - 130	
Endrin	0.00500	0.00599	120	70 - 130	M
Endrin aldehyde	0.00500	0.00551	110	70 - 130	
Endrin ketone	0.00500	0.00551	110	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00535	107	70 - 130	
gamma-Chlordane	0.00500	0.00545	109	70 - 130	
Heptachlor	0.00500	0.00576	115	70 - 130	
Heptachlor epoxide	0.00500	0.00576	115	70 - 130	
Methoxychlor	0.00500	0.00531	106	70 - 130	J

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-68628

Method: 8081/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-68628/20	Analysis Batch:	240-68628	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P9121420.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/14/2012 0955	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00524	105	70 - 130	
4,4'-DDE	0.00500	0.00588	118	70 - 130	
4,4'-DDT	0.00500	0.00465	93	70 - 130	J
Aldrin	0.00500	0.00575	115	70 - 130	
alpha-BHC	0.00500	0.00513	103	70 - 130	
alpha-Chlordane	0.00500	0.00544	109	70 - 130	
beta-BHC	0.00500	0.00620	124	70 - 130	
delta-BHC	0.00500	0.00540	108	70 - 130	
Dieldrin	0.00500	0.00552	110	70 - 130	
Endosulfan I	0.00500	0.00574	115	70 - 130	
Endosulfan II	0.00500	0.00517	103	70 - 130	
Endosulfan sulfate	0.00500	0.00491	98	70 - 130	J
Endrin	0.00500	0.00539	108	70 - 130	
Endrin aldehyde	0.00500	0.00524	105	70 - 130	
Endrin ketone	0.00500	0.00477	95	70 - 130	J
gamma-BHC (Lindane)	0.00500	0.00537	107	70 - 130	
gamma-Chlordane	0.00500	0.00556	111	70 - 130	
Heptachlor	0.00500	0.00594	119	70 - 130	
Heptachlor epoxide	0.00500	0.00581	116	70 - 130	
Methoxychlor	0.00500	0.00443	89	70 - 130	J

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-69197

Method: 8081/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-69197/10-A	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-69197	Lab File ID:	P3122035.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/20/2012 1857	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/18/2012 1019			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
4,4'-DDD	0.67	U	0.62	2.0
4,4'-DDE	0.67	U	0.39	1.7
4,4'-DDT	0.67	U	0.63	2.0
Aldrin	1.3	U	1.2	4.0
alpha-BHC	1.3	U	0.73	2.5
alpha-Chlordane	1.3	U	0.94	3.0
beta-BHC	1.3	U	1.1	3.5
delta-BHC	1.3	U	1.2	4.0
Dieldrin	0.67	U	0.47	1.7
Endosulfan I	0.67	U	0.52	1.7
Endosulfan II	1.3	U	0.82	2.5
Endosulfan sulfate	1.3	U	0.87	3.0
Endrin	0.67	U	0.50	1.7
Endrin aldehyde	1.3	U	1.0	3.0
Endrin ketone	0.67	U	0.63	2.0
gamma-BHC (Lindane)	1.3	U	0.74	2.5
gamma-Chlordane	0.67	U	0.42	1.7
Heptachlor	1.3	U	1.1	3.5
Heptachlor epoxide	1.3	U	0.80	2.5
Methoxychlor	3.3	U M	1.5	5.0
Toxaphene	20	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	55 - 130
Tetrachloro-m-xylene	78	70 - 125

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	68	M	55 - 130
Tetrachloro-m-xylene	77		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 240-69197

Method: 8081/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-69197/11-A	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-69197	Lab File ID:	P3122026.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/20/2012 1546	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/18/2012 1019			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	33.3	27.6	83	30 - 135	
4,4'-DDE	33.3	27.2	82	70 - 125	
4,4'-DDT	33.3	28.8	86	45 - 140	
Aldrin	33.3	26.9	81	45 - 140	
alpha-BHC	33.3	28.4	85	60 - 125	
alpha-Chlordane	33.3	26.4	79	65 - 120	
beta-BHC	33.3	26.3	79	60 - 125	
delta-BHC	33.3	28.4	85	55 - 130	
Dieldrin	33.3	28.5	85	65 - 125	
Endosulfan I	33.3	22.3	67	15 - 135	
Endosulfan II	33.3	23.9	72	35 - 140	
Endosulfan sulfate	33.3	27.2	82	60 - 135	
Endrin	33.3	26.5	80	60 - 135	
Endrin aldehyde	33.3	24.6	74	35 - 145	
Endrin ketone	33.3	24.3	73	65 - 135	
gamma-BHC (Lindane)	33.3	27.8	83	60 - 125	
gamma-Chlordane	33.3	26.5	79	65 - 125	
Heptachlor	33.3	26.7	80	50 - 140	
Heptachlor epoxide	33.3	27.3	82	65 - 130	
Methoxychlor	33.3	25.9	78	55 - 145	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	79	55 - 130
Tetrachloro-m-xylene	85	70 - 125

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	81	55 - 130
Tetrachloro-m-xylene	82	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69197

Method: 8081/DOD
Preparation: 3540C

MS Lab Sample ID:	240-18544-16	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-69197	Lab File ID:	P3122037.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	29.77 g
Analysis Date:	12/20/2012 1939			Final Weight/Volume:	10 mL
Prep Date:	12/18/2012 1019			Injection Volume:	1 uL
Leach Date:	12/10/2012 1746			Column ID:	PRIMARY

MSD Lab Sample ID:	240-18544-16	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Client Matrix:	Solid	Prep Batch:	240-69197	Lab File ID:	P3122038.D
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	30.16 g
Analysis Date:	12/20/2012 2000			Final Weight/Volume:	10 mL
Prep Date:	12/18/2012 1019			Injection Volume:	1 uL
Leach Date:	12/10/2012 1746			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,4'-DDD	92	94	30 - 135	1	30		
4,4'-DDE	84	85	70 - 125	0	30		
4,4'-DDT	91	98	45 - 140	6	30		
Aldrin	88	92	45 - 140	4	30		
alpha-BHC	92	94	60 - 125	0	30		
alpha-Chlordane	85	87	65 - 120	1	30		
beta-BHC	84	88	60 - 125	3	30		
delta-BHC	92	94	55 - 130	1	30		
Dieldrin	91	94	65 - 125	3	30		
Endosulfan I	71	75	15 - 135	3	30		
Endosulfan II	79	79	35 - 140	1	30		
Endosulfan sulfate	92	93	60 - 135	0	30		
Endrin	87	90	60 - 135	2	30		
Endrin aldehyde	82	82	35 - 145	1	30		
Endrin ketone	78	83	65 - 135	5	30		
gamma-BHC (Lindane)	89	91	60 - 125	2	30		
gamma-Chlordane	86	87	65 - 125	1	30		
Heptachlor	79	86	50 - 140	7	30		
Heptachlor epoxide	90	90	65 - 130	1	30		
Methoxychlor	79	90	55 - 145	11	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	81	81	55 - 130
Tetrachloro-m-xylene	85	82	70 - 125

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	87	85	55 - 130
Tetrachloro-m-xylene	85	81	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69197

Method: 8081/DOD
Preparation: 3540C

MS Lab Sample ID:	240-18544-16	Units:	ug/Kg	MSD Lab Sample ID:	240-18544-16
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/20/2012 1939			Analysis Date:	12/20/2012 2000
Prep Date:	12/18/2012 1019			Prep Date:	12/18/2012 1019
Leach Date:	12/10/2012 1746			Leach Date:	12/10/2012 1746

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
4,4'-DDD	0.67	U	33.6	33.2	30.8	31.1
4,4'-DDE	0.47	J	33.6	33.2	28.8	28.7
4,4'-DDT	0.67	U	33.6	33.2	30.6	32.6
Aldrin	1.3	U	33.6	33.2	29.5	30.6
alpha-BHC	1.3	U	33.6	33.2	31.1	31.1
alpha-Chlordane	1.3	U	33.6	33.2	28.7	28.9
beta-BHC	1.3	U	33.6	33.2	28.3	29.2
delta-BHC	1.3	U	33.6	33.2	30.8	31.2
Dieldrin	0.67	U	33.6	33.2	30.5	31.3
Endosulfan I	0.67	U	33.6	33.2	23.9	24.7
Endosulfan II	1.3	U	33.6	33.2	26.6	26.3
Endosulfan sulfate	1.3	U	33.6	33.2	30.8	30.8
Endrin	0.67	U	33.6	33.2	29.2	29.8
Endrin aldehyde	1.3	U	33.6	33.2	27.6	27.3
Endrin ketone	0.67	U	33.6	33.2	26.2	27.6
gamma-BHC (Lindane)	1.3	U	33.6	33.2	29.8	30.3
gamma-Chlordane	0.67	U	33.6	33.2	28.9	28.7
Heptachlor	1.3	U	33.6	33.2	26.6	28.5
Heptachlor epoxide	1.3	U	33.6	33.2	30.2	29.9
Methoxychlor	3.3	U	33.6	33.2	26.7	29.8

Method Reporting Limit Check - Batch: 240-69512 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69512/25	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3122025.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/20/2012 1525	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00394	79	70 - 130	J
4,4'-DDE	0.00500	0.00418	84	70 - 130	J
4,4'-DDT	0.00500	0.00368	74	70 - 130	J
Aldrin	0.00500	0.00414	83	70 - 130	J
alpha-BHC	0.00500	0.00432	86	70 - 130	J
alpha-Chlordane	0.00500	0.00416	83	70 - 130	J
beta-BHC	0.00500	0.00448	90	70 - 130	J
delta-BHC	0.00500	0.00398	80	70 - 130	J
Dieldrin	0.00500	0.00433	87	70 - 130	J
Endosulfan I	0.00500	0.00419	84	70 - 130	J
Endosulfan II	0.00500	0.00433	87	70 - 130	J
Endosulfan sulfate	0.00500	0.00434	87	70 - 130	J
Endrin	0.00500	0.00414	83	70 - 130	J
Endrin aldehyde	0.00500	0.00441	88	70 - 130	J
Endrin ketone	0.00500	0.00441	88	70 - 130	J
gamma-BHC (Lindane)	0.00500	0.00432	86	70 - 130	J
gamma-Chlordane	0.00500	0.00405	81	70 - 130	J
Heptachlor	0.00500	0.00442	88	70 - 130	J
Heptachlor epoxide	0.00500	0.00443	89	70 - 130	J
Methoxychlor	0.00500	0.00403	81	70 - 130	J

Method Reporting Limit Check - Batch: 240-69512 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69512/25	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3122025.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/20/2012 1525	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00363	73	70 - 130	J
4,4'-DDE	0.00500	0.00366	73	70 - 130	J
4,4'-DDT	0.00500	0.00325	65	70 - 130	J ^
Aldrin	0.00500	0.00388	78	70 - 130	J
alpha-BHC	0.00500	0.00380	76	70 - 130	J
alpha-Chlordane	0.00500	0.00389	78	70 - 130	J
beta-BHC	0.00500	0.00417	83	70 - 130	J
delta-BHC	0.00500	0.00371	74	70 - 130	J
Dieldrin	0.00500	0.00380	76	70 - 130	J
Endosulfan I	0.00500	0.00384	77	70 - 130	J
Endosulfan II	0.00500	0.00386	77	70 - 130	J
Endosulfan sulfate	0.00500	0.00398	80	70 - 130	J

Method Reporting Limit Check - Batch: 240-69512 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69512/25	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3122025.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/20/2012 1525	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endrin	0.00500	0.00379	76	70 - 130	J
Endrin aldehyde	0.00500	0.00390	78	70 - 130	J
Endrin ketone	0.00500	0.00403	81	70 - 130	J
gamma-BHC (Lindane)	0.00500	0.00384	77	70 - 130	J
gamma-Chlordane	0.00500	0.00385	77	70 - 130	J
Heptachlor	0.00500	0.00404	81	70 - 130	J
Heptachlor epoxide	0.00500	0.00394	79	70 - 130	J
Methoxychlor	0.00500	0.00339	68	70 - 130	J ^

Method Reporting Limit Check - Batch: 240-69512 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69512/41	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3122041.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/20/2012 2103	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00588	118	70 - 130	
4,4'-DDE	0.00500	0.00559	112	70 - 130	
4,4'-DDT	0.00500	0.00526	105	70 - 130	
Aldrin	0.00500	0.00599	120	70 - 130	
alpha-BHC	0.00500	0.00618	124	70 - 130	
alpha-Chlordane	0.00500	0.00602	120	70 - 130	
beta-BHC	0.00500	0.00641	128	70 - 130	
delta-BHC	0.00500	0.00604	121	70 - 130	
Dieldrin	0.00500	0.00592	118	70 - 130	
Endosulfan I	0.00500	0.00596	119	70 - 130	
Endosulfan II	0.00500	0.00604	121	70 - 130	
Endosulfan sulfate	0.00500	0.00600	120	70 - 130	
Endrin	0.00500	0.00603	121	70 - 130	
Endrin aldehyde	0.00500	0.00594	119	70 - 130	
Endrin ketone	0.00500	0.00593	119	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00616	123	70 - 130	
gamma-Chlordane	0.00500	0.00587	117	70 - 130	
Heptachlor	0.00500	0.00621	124	70 - 130	
Heptachlor epoxide	0.00500	0.00616	123	70 - 130	
Methoxychlor	0.00500	0.00559	112	70 - 130	J

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69512

Method: 8081/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-69512/41	Analysis Batch:	240-69512	Instrument ID:	A2HP3
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P3122041.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/20/2012 2103	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00627	125	70 - 130	
4,4'-DDE	0.00500	0.00559	112	70 - 130	
4,4'-DDT	0.00500	0.00531	106	70 - 130	
Aldrin	0.00500	0.00603	121	70 - 130	
alpha-BHC	0.00500	0.00611	122	70 - 130	
alpha-Chlordane	0.00500	0.00616	123	70 - 130	
beta-BHC	0.00500	0.00641	128	70 - 130	
delta-BHC	0.00500	0.00611	122	70 - 130	
Dieldrin	0.00500	0.00604	121	70 - 130	
Endosulfan I	0.00500	0.00599	120	70 - 130	
Endosulfan II	0.00500	0.00622	124	70 - 130	
Endosulfan sulfate	0.00500	0.00581	116	70 - 130	
Endrin	0.00500	0.00601	120	70 - 130	
Endrin aldehyde	0.00500	0.00588	118	70 - 130	
Endrin ketone	0.00500	0.00601	120	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00623	125	70 - 130	
gamma-Chlordane	0.00500	0.00618	124	70 - 130	
Heptachlor	0.00500	0.00594	119	70 - 130	
Heptachlor epoxide	0.00500	0.00621	124	70 - 130	
Methoxychlor	0.00500	0.00568	114	70 - 130	J

Method Reporting Limit Check - Batch: 240-69893 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69893/19	Analysis Batch:	240-69893	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9122219.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/22/2012 1851	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00509	102	70 - 130	M
4,4'-DDE	0.00500	0.00499	100	70 - 130	J
4,4'-DDT	0.00500	0.00491	98	70 - 130	J
Aldrin	0.00500	0.00510	102	70 - 130	
alpha-BHC	0.00500	0.00481	96	70 - 130	J
alpha-Chlordane	0.00500	0.00516	103	70 - 130	
beta-BHC	0.00500	0.00527	105	70 - 130	
delta-BHC	0.00500	0.00464	93	70 - 130	J
Dieldrin	0.00500	0.00522	104	70 - 130	
Endosulfan I	0.00500	0.00554	111	70 - 130	
Endosulfan II	0.00500	0.00550	110	70 - 130	M
Endosulfan sulfate	0.00500	0.00532	106	70 - 130	
Endrin	0.00500	0.00548	110	70 - 130	
Endrin aldehyde	0.00500	0.00555	111	70 - 130	
Endrin ketone	0.00500	0.00548	110	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00505	101	70 - 130	
gamma-Chlordane	0.00500	0.00514	103	70 - 130	
Heptachlor	0.00500	0.00561	112	70 - 130	
Heptachlor epoxide	0.00500	0.00544	109	70 - 130	
Methoxychlor	0.00500	0.00507	101	70 - 130	J

Method Reporting Limit Check - Batch: 240-69893 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69893/19	Analysis Batch:	240-69893	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9122219.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/22/2012 1851	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00529	106	70 - 130	
4,4'-DDE	0.00500	0.00508	102	70 - 130	
4,4'-DDT	0.00500	0.00493	99	70 - 130	J
Aldrin	0.00500	0.00498	100	70 - 130	J
alpha-BHC	0.00500	0.00456	91	70 - 130	J
alpha-Chlordane	0.00500	0.00533	107	70 - 130	
beta-BHC	0.00500	0.00553	111	70 - 130	
delta-BHC	0.00500	0.00473	95	70 - 130	J
Dieldrin	0.00500	0.00545	109	70 - 130	
Endosulfan I	0.00500	0.00581	116	70 - 130	
Endosulfan II	0.00500	0.00529	106	70 - 130	
Endosulfan sulfate	0.00500	0.00534	107	70 - 130	

Method Reporting Limit Check - Batch: 240-69893 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69893/19	Analysis Batch:	240-69893	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9122219.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/22/2012 1851	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endrin	0.00500	0.00556	111	70 - 130	
Endrin aldehyde	0.00500	0.00580	116	70 - 130	
Endrin ketone	0.00500	0.00556	111	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00498	100	70 - 130	J
gamma-Chlordane	0.00500	0.00528	106	70 - 130	
Heptachlor	0.00500	0.00597	119	70 - 130	
Heptachlor epoxide	0.00500	0.00557	111	70 - 130	
Methoxychlor	0.00500	0.00559	112	70 - 130	J

Method Reporting Limit Check - Batch: 240-69893 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69893/43	Analysis Batch:	240-69893	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9122243.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/23/2012 0437	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00638	128	70 - 130	M
4,4'-DDE	0.00500	0.00624	125	70 - 130	
4,4'-DDT	0.00500	0.00586	117	70 - 130	
Aldrin	0.00500	0.00651	130	70 - 130	
alpha-BHC	0.00500	0.00636	127	70 - 130	
alpha-Chlordane	0.00500	0.00672	134	70 - 130	^
beta-BHC	0.00500	0.00711	142	70 - 130	^
delta-BHC	0.00500	0.00641	128	70 - 130	
Dieldrin	0.00500	0.00635	127	70 - 130	
Endosulfan I	0.00500	0.00665	133	70 - 130	^
Endosulfan II	0.00500	0.00643	129	70 - 130	M
Endosulfan sulfate	0.00500	0.00662	132	70 - 130	^
Endrin	0.00500	0.00625	125	70 - 130	
Endrin aldehyde	0.00500	0.00619	124	70 - 130	
Endrin ketone	0.00500	0.00632	126	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00668	134	70 - 130	^
gamma-Chlordane	0.00500	0.00671	134	70 - 130	^
Heptachlor	0.00500	0.00611	122	70 - 130	
Heptachlor epoxide	0.00500	0.00683	137	70 - 130	^
Methoxychlor	0.00500	0.00639	128	70 - 130	J

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69893

Method: 8081/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-69893/43	Analysis Batch:	240-69893	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9122243.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/23/2012 0437	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00632	126	70 - 130	
4,4'-DDE	0.00500	0.00634	127	70 - 130	
4,4'-DDT	0.00500	0.00624	125	70 - 130	
Aldrin	0.00500	0.00661	132	70 - 130	^
alpha-BHC	0.00500	0.00600	120	70 - 130	
alpha-Chlordane	0.00500	0.00687	137	70 - 130	^
beta-BHC	0.00500	0.00724	145	70 - 130	^
delta-BHC	0.00500	0.00642	128	70 - 130	
Dieldrin	0.00500	0.00657	131	70 - 130	^
Endosulfan I	0.00500	0.00690	138	70 - 130	^
Endosulfan II	0.00500	0.00632	126	70 - 130	
Endosulfan sulfate	0.00500	0.00658	132	70 - 130	^
Endrin	0.00500	0.00630	126	70 - 130	
Endrin aldehyde	0.00500	0.00634	127	70 - 130	
Endrin ketone	0.00500	0.00631	126	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00657	131	70 - 130	^
gamma-Chlordane	0.00500	0.00674	135	70 - 130	^
Heptachlor	0.00500	0.00654	131	70 - 130	^
Heptachlor epoxide	0.00500	0.00695	139	70 - 130	^
Methoxychlor	0.00500	0.00669	134	70 - 130	J ^

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-68401

Method: 8082/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-68401/24-A	Analysis Batch:	240-68676	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	240-68401	Lab File ID:	P4000019.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/14/2012 0808	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/12/2012 1349			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
Aroclor-1221	25	U	16	50
Aroclor-1016	25	U	21	65
Aroclor-1232	25	U	14	45
Aroclor-1242	25	U	13	40
Aroclor-1248	25	U	17	55
Aroclor-1254	25	U	17	55
Aroclor-1260	25	U	17	55

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	85	40 - 140
DCB Decachlorobiphenyl	92	60 - 125

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	78	40 - 140
DCB Decachlorobiphenyl	83	60 - 125

Lab Control Sample - Batch: 240-68401

Method: 8082/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-68401/23-A	Analysis Batch:	240-68676	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	240-68401	Lab File ID:	P4000031.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/14/2012 1116	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/12/2012 1349			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	230	69	40 - 140	
Aroclor-1260	333	211	63	60 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	74	40 - 140
DCB Decachlorobiphenyl	65	60 - 125

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	73	40 - 140
DCB Decachlorobiphenyl	62	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-68676 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-68676/10	Analysis Batch:	240-68676	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P4000010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/14/2012 0546	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0606	121	70 - 130	
Aroclor-1260	0.0500	0.0581	116	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	111	50 - 150
DCB Decachlorobiphenyl	125	50 - 150

Method Reporting Limit Check - Batch: 240-68676 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-68676/10	Analysis Batch:	240-68676	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P4000010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/14/2012 0546	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0544	109	70 - 130	
Aroclor-1260	0.0500	0.0541	108	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	102	50 - 150
DCB Decachlorobiphenyl	114	50 - 150

Method Reporting Limit Check - Batch: 240-68676 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-68676/33	Analysis Batch:	240-68676	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P4000033.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/14/2012 1148	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0594	119	70 - 130	
Aroclor-1260	0.0500	0.0475	95	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	112	50 - 150
DCB Decachlorobiphenyl	92	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-68676

Method: 8082/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-68676/33	Analysis Batch:	240-68676	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P4000033.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/14/2012 1148	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0541	108	70 - 130	
Aroclor-1260	0.0500	0.0481	96	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	104	50 - 150
DCB Decachlorobiphenyl	97	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-69187

Method: 8082/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-69187/19-A	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-69187	Lab File ID:	P1300014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/20/2012 1724	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/18/2012 1012			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
Aroclor-1221	25	U	16	50
Aroclor-1016	25	U	21	65
Aroclor-1232	25	U	14	45
Aroclor-1242	25	U	13	40
Aroclor-1248	25	U	17	55
Aroclor-1254	25	U	17	55
Aroclor-1260	25	U	17	55

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	74	40 - 140
DCB Decachlorobiphenyl	71	60 - 125

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	80	40 - 140
DCB Decachlorobiphenyl	69	60 - 125

Lab Control Sample - Batch: 240-69187

Method: 8082/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-69187/20-A	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-69187	Lab File ID:	P1300025.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/20/2012 2009	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/18/2012 1012			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	248	74	40 - 140	
Aroclor-1260	333	240	72	60 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	87	40 - 140
DCB Decachlorobiphenyl	82	60 - 125

Surrogate	% Rec		Acceptance Limits
Tetrachloro-m-xylene	100		40 - 140
DCB Decachlorobiphenyl	72	M	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69187

Method: 8082/DOD
Preparation: 3540C

MS Lab Sample ID:	240-18544-19	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-69187	Lab File ID:	P1300007.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	30.10 g
Analysis Date:	12/20/2012 1539			Final Weight/Volume:	10 mL
Prep Date:	12/18/2012 1012			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930			Column ID:	PRIMARY

MSD Lab Sample ID:	240-18544-19	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-69187	Lab File ID:	P1300008.D
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	29.74 g
Analysis Date:	12/20/2012 1554			Final Weight/Volume:	10 mL
Prep Date:	12/18/2012 1012			Injection Volume:	1 uL
Leach Date:	12/07/2012 1930			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	75	73	40 - 140	1	30		
Aroclor-1260	73	73	60 - 130	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	79	79	40 - 140
DCB Decachlorobiphenyl	69	68	60 - 125

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	78	78	40 - 140
DCB Decachlorobiphenyl	69	66	60 - 125

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69187

Method: 8082/DOD
Preparation: 3540C

MS Lab Sample ID:	240-18544-19	Units:	ug/Kg	MSD Lab Sample ID:	240-18544-19
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/20/2012 1539			Analysis Date:	12/20/2012 1554
Prep Date:	12/18/2012 1012			Prep Date:	12/18/2012 1012
Leach Date:	12/07/2012 1930			Leach Date:	12/07/2012 1930

	Sample		MS Spike	MSD Spike	MS	MSD
Analyte	Result/Qual		Amount	Amount	Result/Qual	Result/Qual
Aroclor-1016	25	U	332	336	248	246
Aroclor-1260	25	U	332	336	241	245

Method Reporting Limit Check - Batch: 240-69521 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69521/4	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/20/2012 1454	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0610	122	70 - 130	
Aroclor-1260	0.0500	0.0541	108	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	140	50 - 150
DCB Decachlorobiphenyl	100	50 - 150

Method Reporting Limit Check - Batch: 240-69521 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69521/4	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/20/2012 1454	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0589	118	70 - 130	
Aroclor-1260	0.0500	0.0446	89	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	114	50 - 150
DCB Decachlorobiphenyl	90	50 - 150

Method Reporting Limit Check - Batch: 240-69521 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69521/27	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/20/2012 2038	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0607	121	70 - 130	
Aroclor-1260	0.0500	0.0581	116	70 - 130	

Surrogate	% Rec		Acceptance Limits
Tetrachloro-m-xylene	141	Q	50 - 150
DCB Decachlorobiphenyl	97		50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 240-69521

Method: 8082/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-69521/27	Analysis Batch:	240-69521	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/20/2012 2038	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0621	124	70 - 130	
Aroclor-1260	0.0500	0.0482	96	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	117	50 - 150
DCB Decachlorobiphenyl	93	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 320-7464

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

Lab Sample ID:	MB 320-7464/1-A	Analysis Batch:	320-7855	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-7464	Lab File ID:	320-0001969-019-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.00 g
Analysis Date:	12/26/2012 2000	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Nitroguanidine	0.040	U	0.020	0.25

Lab Control Sample - Batch: 320-7464

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

Lab Sample ID:	LCS 320-7464/2-A	Analysis Batch:	320-7855	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-7464	Lab File ID:	320-0001969-020-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.00 g
Analysis Date:	12/26/2012 2014	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitroguanidine	1.00	0.981	98	72 - 121	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-7464

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

MS Lab Sample ID:	240-18544-19	Analysis Batch:	320-7855	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-7464	Lab File ID:	320-0001969-025-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.99 g
Analysis Date:	12/26/2012 2126			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-18544-19	Analysis Batch:	320-7855	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-7464	Lab File ID:	320-0001969-026-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.04 g
Analysis Date:	12/26/2012 2141			Final Weight/Volume:	10 mL
Prep Date:	12/17/2012 1157			Injection Volume:	50 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitroguanidine	98	100	72 - 121	0	20		

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-7464

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

MS Lab Sample ID:	240-18544-19	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	12/26/2012 2126		
Prep Date:	12/17/2012 1157		
Leach Date:	N/A		

MSD Lab Sample ID:	240-18544-19
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	12/26/2012 2141
Prep Date:	12/17/2012 1157
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Nitroguanidine	0.040	U	1.01	0.980	0.980	0.978

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 320-7444

Method: 8330B
Preparation: 8330B

Lab Sample ID:	MB 320-7444/1-A	Analysis Batch:	320-7620	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-7444	Lab File ID:	S000023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	12/20/2012 0707	Units:	mg/Kg	Final Weight/Volume:	80 mL
Prep Date:	12/17/2012 1034			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
2-Amino-4,6-dinitrotoluene	0.050	U	0.013	0.25
4-Amino-2,6-dinitrotoluene	0.050	U	0.010	0.25
1,3-Dinitrobenzene	0.050	U	0.0042	0.25
2,4-Dinitrotoluene	0.050	U	0.0053	0.25
2,6-Dinitrotoluene	0.050	U	0.0073	0.25
HMX	0.050	U	0.012	0.25
Nitrobenzene	0.050	U	0.018	0.25
Nitroglycerin	0.25	U	0.015	0.50
2-Nitrotoluene	0.050	U	0.013	0.25
3-Nitrotoluene	0.050	U	0.016	0.25
4-Nitrotoluene	0.050	U	0.018	0.25
PETN	0.25	U	0.025	0.50
RDX	0.050	U	0.012	0.25
Tetryl	0.050	U	0.010	0.25
1,3,5-Trinitrobenzene	0.050	U	0.010	0.25
2,4,6-Trinitrotoluene	0.050	U	0.019	0.25

Surrogate	% Rec	Acceptance Limits
3,4-Dinitrotoluene	97	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 320-7444

Method: 8330B
Preparation: 8330B

Lab Sample ID:	MB 320-7444/1-A	Analysis Batch:	320-7989	Instrument ID:	LC12
Client Matrix:	Solid	Prep Batch:	320-7444	Lab File ID:	ZB000005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	12/28/2012 1500	Units:	mg/Kg	Final Weight/Volume:	80 mL
Prep Date:	12/17/2012 1034			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
2-Amino-4,6-dinitrotoluene	0.050	U	0.013	0.25
4-Amino-2,6-dinitrotoluene	0.050	U	0.010	0.25
1,3-Dinitrobenzene	0.050	U	0.0042	0.25
2,4-Dinitrotoluene	0.050	U	0.0053	0.25
2,6-Dinitrotoluene	0.050	U	0.0073	0.25
HMX	0.050	U	0.012	0.25
Nitrobenzene	0.050	U	0.018	0.25
Nitroglycerin	0.25	U	0.015	0.50
2-Nitrotoluene	0.050	U	0.013	0.25
3-Nitrotoluene	0.050	U	0.016	0.25
4-Nitrotoluene	0.050	U	0.018	0.25
PETN	0.25	U	0.025	0.50
RDX	0.050	U	0.012	0.25
Tetryl	0.050	U	0.010	0.25
1,3,5-Trinitrobenzene	0.050	U	0.010	0.25
2,4,6-Trinitrotoluene	0.050	U	0.019	0.25

Surrogate	% Rec	Acceptance Limits
3,4-Dinitrotoluene	91	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 320-7444

Method: 8330B
Preparation: 8330B

Lab Sample ID:	LCS 320-7444/2-A	Analysis Batch:	320-7620	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-7444	Lab File ID:	S000024.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	12/20/2012 0747	Units:	mg/Kg	Final Weight/Volume:	80 mL
Prep Date:	12/17/2012 1034			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Amino-4,6-dinitrotoluene	0.500	0.502	100	79 - 119	
4-Amino-2,6-dinitrotoluene	0.500	0.507	101	81 - 121	
1,3-Dinitrobenzene	0.500	0.503	101	81 - 121	
2,4-Dinitrotoluene	0.500	0.497	99	79 - 119	
2,6-Dinitrotoluene	0.500	0.490	98	79 - 119	
HMX	0.500	0.501	100	80 - 120	
Nitrobenzene	0.500	0.505	101	80 - 120	
Nitroglycerin	1.00	0.956	96	76 - 116	
2-Nitrotoluene	0.500	0.460	92	78 - 118	
3-Nitrotoluene	0.500	0.476	95	77 - 117	
4-Nitrotoluene	0.500	0.481	96	78 - 118	
PETN	1.00	0.908	91	76 - 116	
RDX	0.500	0.500	100	82 - 122	
Tetryl	0.500	0.470	94	63 - 120	
1,3,5-Trinitrobenzene	0.500	0.501	100	81 - 121	
2,4,6-Trinitrotoluene	0.500	0.470	94	65 - 105	

Surrogate	% Rec	Acceptance Limits
3,4-Dinitrotoluene	97	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-7444

Method: 8330B
Preparation: 8330B

MS Lab Sample ID:	240-18544-19	Analysis Batch:	320-7620	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-7444	Lab File ID:	S000030.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.08 g
Analysis Date:	12/20/2012 1148			Final Weight/Volume:	80 mL
Prep Date:	12/17/2012 1034			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-18544-19	Analysis Batch:	320-7620	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-7444	Lab File ID:	S000031.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.03 g
Analysis Date:	12/20/2012 1229			Final Weight/Volume:	80 mL
Prep Date:	12/17/2012 1034			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2-Amino-4,6-dinitrotoluene	97	98	79 - 119	1	20		
4-Amino-2,6-dinitrotoluene	97	102	81 - 121	6	20		
1,3-Dinitrobenzene	99	102	81 - 121	4	20		
2,4-Dinitrotoluene	97	98	79 - 119	1	20		
2,6-Dinitrotoluene	95	98	79 - 119	3	20		M
HMX	96	100	80 - 120	4	20		
Nitrobenzene	100	101	80 - 120	1	20		
Nitroglycerin	93	96	76 - 116	4	20		
2-Nitrotoluene	91	92	78 - 118	2	20		
3-Nitrotoluene	94	97	77 - 117	4	20		
4-Nitrotoluene	94	96	78 - 118	2	20		
PETN	96	91	76 - 116	4	20		
RDX	95	97	82 - 122	3	20		
Tetryl	94	98	63 - 120	5	20		
1,3,5-Trinitrobenzene	99	101	81 - 121	3	20		
2,4,6-Trinitrotoluene	92	96	65 - 105	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
3,4-Dinitrotoluene	97	99	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-7444

Method: 8330B
Preparation: 8330B

MS Lab Sample ID:	240-18544-19	Units:	mg/Kg	MSD Lab Sample ID:	240-18544-19
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/20/2012 1148			Analysis Date:	12/20/2012 1229
Prep Date:	12/17/2012 1034			Prep Date:	12/17/2012 1034
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
2-Amino-4,6-dinitrotoluene	0.050	U	0.496	0.499	0.481	0.486	
4-Amino-2,6-dinitrotoluene	0.050	U	0.496	0.499	0.480	0.507	
1,3-Dinitrobenzene	0.050	U	0.496	0.499	0.492	0.510	
2,4-Dinitrotoluene	0.050	U	0.496	0.499	0.483	0.490	
2,6-Dinitrotoluene	0.050	U	0.496	0.499	0.472	0.487	M
HMX	0.050	U	0.496	0.499	0.478	0.499	
Nitrobenzene	0.050	U	0.496	0.499	0.497	0.503	
Nitroglycerin	0.017	J	0.992	0.997	0.941	0.978	
2-Nitrotoluene	0.015	J	0.496	0.499	0.464	0.474	
3-Nitrotoluene	0.050	U	0.496	0.499	0.465	0.484	
4-Nitrotoluene	0.050	U	0.496	0.499	0.468	0.477	
PETN	0.25	U	0.992	0.997	0.951	0.910	
RDX	0.050	U	0.496	0.499	0.471	0.484	
Tetryl	0.050	U	0.496	0.499	0.466	0.488	
1,3,5-Trinitrobenzene	0.050	U	0.496	0.499	0.490	0.504	
2,4,6-Trinitrotoluene	0.050	U	0.496	0.499	0.458	0.478	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 180-59175

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	MB 180-59175/1-A	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59175	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	12/27/2012 1638	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1222				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Silver	0.030	U	0.011	0.10
Aluminum	0.337	J	0.28	3.0
Arsenic	0.050	U	0.018	0.10
Barium	0.020	U Q	0.011	1.0
Beryllium	0.010	U	0.0075	0.10
Calcium	2.62	J	1.3	10
Cadmium	0.030	U Q	0.013	0.10
Chromium	0.040	U	0.022	0.20
Cobalt	0.010	U Q	0.0024	0.050
Copper	0.060	U Q	0.033	0.20
Iron	2.0	U	1.1	5.0
Magnesium	2.0	U	1.1	10
Manganese	0.030	U Q	0.016	0.50
Sodium	5.0	U	2.7	10
Nickel	0.030	U Q	0.011	0.10
Lead	0.030	U	0.015	0.10
Antimony	0.10	U	0.046	0.20
Thallium	0.020	U	0.010	0.10
Vanadium	0.060	U	0.030	0.10
Zinc	0.20	U Q	0.065	0.50
Potassium	6.0	U	3.2	10
Selenium	0.10	U	0.051	0.50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 180-59175

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	LCS 180-59175/2-A	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59175	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	12/27/2012 1642	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1222				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	10.0	9.46	95	60 - 114	
Aluminum	1000	897	90	80 - 120	
Arsenic	100	84.8	85	73 - 110	
Barium	100	87.5	88	70 - 110	Q
Beryllium	100	83.5	83	79 - 110	
Calcium	1000	987	99	80 - 120	
Cadmium	100	85.3	85	74 - 110	Q
Chromium	100	91.0	91	70 - 110	
Cobalt	100	90.0	90	74 - 110	Q
Copper	100	97.4	97	73 - 110	Q
Iron	1000	981	98	80 - 120	
Magnesium	1000	920	92	80 - 120	
Manganese	100	97.5	98	80 - 120	Q
Sodium	1000	904	90	80 - 120	
Nickel	100	96.0	96	75 - 110	Q
Lead	100	87.9	88	75 - 110	
Antimony	10.0	8.23	82	68 - 113	
Thallium	25.0	22.6	91	71 - 110	
Vanadium	100	87.5	87	72 - 110	
Zinc	100	88.4	88	72 - 113	Q
Potassium	1000	862	86	80 - 120	
Selenium	100	80.8	81	65 - 110	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike - Batch: 180-59175

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-1	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59175	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	12/27/2012 1702	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/29/2012 0854				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	0.024	J	10.3	4.01	39	75 - 125	J
Aluminum	5400		1030	6510	106	70 - 130	4
Arsenic	11		10.3	10.8	-5	23 - 131	J
Barium	21		10.3	29.2	83	10 - 199	Q
Beryllium	0.40		10.3	9.04	84	58 - 112	
Calcium	1200		1030	3190	193	70 - 130	J
Cadmium	0.15		10.3	6.36	60	58 - 110	Q
Chromium	9.2		10.3	17.4	79	10 - 199	
Cobalt	7.7		10.3	13.1	52	55 - 110	Q J
Copper	15		10.3	16.9	16	10 - 199	Q
Iron	17000		1030	19800	235	70 - 130	4
Magnesium	1600		1030	2710	104	70 - 130	
Manganese	270		10.3	283	169	10 - 199	Q 4
Sodium	32		1030	971	91	70 - 130	
Nickel	16		10.3	20.4	39	10 - 176	Q
Lead	11		10.3	21.1	101	10 - 199	
Antimony	0.069	J	10.3	2.95	28	75 - 125	J
Thallium	0.12		10.3	9.55	91	82 - 110	
Vanadium	9.8		10.3	18.7	87	39 - 129	
Zinc	59		10.3	43.6	-149	10 - 199	Q 4
Potassium	950		1030	1670	70	70 - 130	
Selenium	0.38	J	10.3	3.01	25	39 - 116	J

Post Digestion Spike - Batch: 180-59175

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-1	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59175	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	12/27/2012 1726	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1222				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	0.024	J	5.17	4.92	95	80 - 120	
Aluminum	5400		207	5600	90	80 - 120	
Arsenic	11		4.13	15.5	102	80 - 120	
Barium	21		207	195	84	80 - 120	Q
Beryllium	0.40		5.17	4.90	87	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Post Digestion Spike - Batch: 180-59175

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-1	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59175	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	12/27/2012 1726	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1222				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Calcium	1200		5170	6010	93	80 - 120	
Cadmium	0.15		5.17	5.00	94	80 - 120	Q
Chromium	9.2		20.7	29.4	97	80 - 120	
Cobalt	7.7		51.7	53.0	88	80 - 120	Q
Copper	15		25.8	39.6	94	80 - 120	Q
Iron	17000		103	18200	800	80 - 120	J
Magnesium	1600		5170	6200	88	80 - 120	
Manganese	270		51.7	328	120	80 - 120	Q
Sodium	32		5170	4610	89	80 - 120	
Nickel	16		51.7	64.9	94	80 - 120	Q
Lead	11		2.07	12.6	97	80 - 120	
Antimony	0.069	J	51.7	46.1	89	80 - 120	
Thallium	0.12		5.17	4.89	92	80 - 120	
Vanadium	9.8		51.7	58.3	94	80 - 120	
Zinc	59		51.7	109	97	80 - 120	Q
Potassium	950		5170	5490	88	80 - 120	
Selenium	0.38	J	1.03	1.34	93	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Serial Dilution - Batch: 180-59175

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-1	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59175	Lab File ID:	M21227A.xml
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	12/27/2012 1654	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1222				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Silver	0.024	J	0.16	NC	10	U
Aluminum	5400		5500	1.5	10	D
Arsenic	11		10.8	4.7	10	D
Barium	21		21.1	2.2	10	D Q
Beryllium	0.40		0.397	1.8	10	J D
Calcium	1200		1230	3.3	10	D
Cadmium	0.15		0.161	NC	10	J D Q
Chromium	9.2		9.18	0.56	10	D
Cobalt	7.7		7.56	2.2	10	D Q
Copper	15		15.4	1.1	10	D Q
Iron	17000		17900	3.2	10	D
Magnesium	1600		1700	4.1	10	D
Manganese	270		269	1.3	10	D Q
Sodium	32		35.7	NC	10	J D
Nickel	16		16.4	0.47	10	D Q
Lead	11		10.3	3.0	10	D
Antimony	0.069	J	0.52	NC	10	U
Thallium	0.12		0.123	NC	10	J D
Vanadium	9.8		9.64	1.3	10	D
Zinc	59		61.1	3.5	10	D Q
Potassium	950		963	1.8	10	D
Selenium	0.38	J	0.52	NC	10	U

Duplicate - Batch: 180-59175

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-1	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59175	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	12/27/2012 1658	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/29/2012 0854				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Silver	0.024	J	0.0258	6	20	J
Aluminum	5400		4980	8	20	
Arsenic	11		10.5	7	20	
Barium	21		20.5	0.7	20	Q
Beryllium	0.40		0.374	8	20	
Calcium	1200		1200	0.7	20	
Cadmium	0.15		0.175	17	20	Q

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Duplicate - Batch: 180-59175

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-1	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59175	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.09 g
Analysis Date:	12/27/2012 1658	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/29/2012 0854				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Chromium	9.2		8.59	7	20	
Cobalt	7.7		7.11	8	20	Q
Copper	15		15.6	2	20	Q
Iron	17000		18300	5	20	
Magnesium	1600		1580	3	20	
Manganese	270		380	36	20	Q J
Sodium	32		28.6	11	20	
Nickel	16		17.7	8	20	Q
Lead	11		9.47	12	20	
Antimony	0.069	J	0.0628	10	20	J
Thallium	0.12		0.130	8	20	
Vanadium	9.8		9.29	5	20	
Zinc	59		56.3	5	20	Q
Potassium	950		826	14	20	
Selenium	0.38	J	0.290	26	20	J

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	MB 180-59179/1-A	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	12/27/2012 1953	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Silver	0.030	U	0.011	0.10
Aluminum	0.790	J	0.28	3.0
Arsenic	0.050	U	0.018	0.10
Barium	0.020	U Q	0.011	1.0
Beryllium	0.010	U	0.0075	0.10
Calcium	2.32	J	1.3	10
Cadmium	0.030	U Q	0.013	0.10
Chromium	0.040	U	0.022	0.20
Cobalt	0.010	U Q	0.0024	0.050
Copper	0.060	U Q	0.033	0.20
Iron	2.38	J	1.1	5.0
Magnesium	2.0	U	1.1	10
Manganese	0.0305	J Q	0.016	0.50
Sodium	5.0	U	2.7	10
Nickel	0.030	U Q	0.011	0.10
Lead	0.030	U	0.015	0.10
Antimony	0.10	U	0.046	0.20
Thallium	0.020	U	0.010	0.10
Vanadium	0.060	U	0.030	0.10
Zinc	0.20	U Q	0.065	0.50
Potassium	6.0	U	3.2	10
Selenium	0.10	U	0.051	0.50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	LCS 180-59179/2-A	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	12/27/2012 1957	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	10.0	8.89	89	60 - 114	
Aluminum	1000	909	91	80 - 120	
Arsenic	100	84.0	84	73 - 110	
Barium	100	82.4	82	70 - 110	Q
Beryllium	100	86.6	87	79 - 110	
Calcium	1000	991	99	80 - 120	
Cadmium	100	83.9	84	74 - 110	Q
Chromium	100	89.1	89	70 - 110	
Cobalt	100	87.2	87	74 - 110	Q
Copper	100	91.7	92	73 - 110	Q
Iron	1000	965	97	80 - 120	
Magnesium	1000	919	92	80 - 120	
Manganese	100	95.5	96	80 - 120	Q
Sodium	1000	884	88	80 - 120	
Nickel	100	90.6	91	75 - 110	Q
Lead	100	85.2	85	75 - 110	
Antimony	10.0	8.26	83	68 - 113	
Thallium	25.0	21.3	85	71 - 110	
Vanadium	100	87.1	87	72 - 110	
Zinc	100	88.6	89	72 - 113	Q
Potassium	1000	886	89	80 - 120	
Selenium	100	82.1	82	65 - 110	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-7	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.14 g
Analysis Date:	12/27/2012 2017	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/29/2012 0859				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	0.019	J	8.77	7.61	87	75 - 125	
Aluminum	7700		877	10300	296	70 - 130	4
Arsenic	13		8.77	20.0	78	23 - 131	
Barium	34		8.77	43.0	105	10 - 199	Q
Beryllium	0.41		8.77	8.04	87	58 - 112	
Calcium	780		877	1600	93	70 - 130	
Cadmium	0.15		8.77	7.39	83	58 - 110	Q
Chromium	14		8.77	23.3	108	10 - 199	
Cobalt	7.0		8.77	15.3	94	55 - 110	Q
Copper	16		8.77	23.6	92	10 - 199	Q
Iron	24000		877	25300	138	70 - 130	4
Magnesium	1900		877	2910	118	70 - 130	
Manganese	290		8.77	315	318	10 - 199	Q 4
Sodium	24		877	790	87	70 - 130	
Nickel	17		8.77	25.7	102	10 - 176	Q
Lead	16		8.77	24.7	94	10 - 199	
Antimony	0.11	J	8.77	2.32	25	75 - 125	J
Thallium	0.14		8.77	7.42	83	82 - 110	
Vanadium	14		8.77	24.1	118	39 - 129	
Zinc	56		8.77	66.1	120	10 - 199	Q 4
Potassium	820		877	1690	99	70 - 130	
Selenium	0.46		8.77	6.65	71	39 - 116	

Matrix Spike - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-8	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.17 g
Analysis Date:	12/27/2012 2057	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/29/2012 0859				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	0.023	J	8.55	7.33	85	75 - 125	
Aluminum	5900		855	7920	241	70 - 130	4
Arsenic	14		8.55	22.3	95	23 - 131	
Barium	32		8.55	40.8	108	10 - 199	Q
Beryllium	0.43		8.55	7.51	83	58 - 112	

Matrix Spike - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-8	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.17 g
Analysis Date:	12/27/2012 2057	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/29/2012 0859				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Calcium	1000		855	1740	86	70 - 130	
Cadmium	0.18		8.55	7.33	84	58 - 110	Q
Chromium	14		8.55	22.4	101	10 - 199	
Cobalt	8.4		8.55	15.6	84	55 - 110	Q
Copper	16		8.55	23.6	90	10 - 199	Q
Iron	24000		855	23900	-37	70 - 130	4
Magnesium	1800		855	2720	102	70 - 130	
Manganese	410		8.55	441	324	10 - 199	Q 4
Sodium	36		855	748	83	70 - 130	
Nickel	21		8.55	28.8	92	10 - 176	Q
Lead	13		8.55	21.6	98	10 - 199	
Antimony	0.11	J	8.55	2.32	26	75 - 125	J
Thallium	0.13		8.55	7.24	83	82 - 110	
Vanadium	12		8.55	21.0	108	39 - 129	
Zinc	57		8.55	68.3	126	10 - 199	Q 4
Potassium	780		855	1550	90	70 - 130	
Selenium	0.32	J	8.55	6.36	71	39 - 116	

Post Digestion Spike - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-8	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.17 g
Analysis Date:	12/27/2012 2117	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	0.023	J	4.27	4.17	97	80 - 120	
Aluminum	5900		171	6010	88	80 - 120	
Arsenic	14		3.42	17.5	98	80 - 120	
Barium	32		171	183	89	80 - 120	Q
Beryllium	0.43		4.27	4.21	89	80 - 120	
Calcium	1000		4270	5110	96	80 - 120	
Cadmium	0.18		4.27	4.12	92	80 - 120	Q
Chromium	14		17.1	30.3	96	80 - 120	
Cobalt	8.4		42.7	47.5	91	80 - 120	Q
Copper	16		21.4	35.9	94	80 - 120	Q

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Post Digestion Spike - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-8	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.17 g
Analysis Date:	12/27/2012 2117	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Iron	24000		85.5	24400	180	80 - 120	J
Magnesium	1800		4270	5700	90	80 - 120	
Manganese	410		42.7	456	100	80 - 120	Q
Sodium	36		4270	3820	88	80 - 120	
Nickel	21		42.7	61.1	94	80 - 120	Q
Lead	13		1.71	14.7	84	80 - 120	
Antimony	0.11	J	42.7	39.0	91	80 - 120	
Thallium	0.13		4.27	4.20	95	80 - 120	
Vanadium	12		42.7	53.0	96	80 - 120	
Zinc	57		42.7	94.8	87	80 - 120	Q
Potassium	780		4270	4630	90	80 - 120	
Selenium	0.32	J	0.855	1.11	92	80 - 120	

Post Digestion Spike - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-7	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.14 g
Analysis Date:	12/27/2012 2123	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	0.019	J	4.39	4.31	98	80 - 120	
Aluminum	7700		175	7770	32	80 - 120	J
Arsenic	13		3.51	16.9	105	80 - 120	
Barium	34		175	187	87	80 - 120	Q
Beryllium	0.41		4.39	4.27	88	80 - 120	
Calcium	780		4390	4980	96	80 - 120	
Cadmium	0.15		4.39	4.18	92	80 - 120	Q
Chromium	14		17.5	31.0	98	80 - 120	
Cobalt	7.0		43.9	45.8	88	80 - 120	Q
Copper	16		21.9	36.6	96	80 - 120	Q
Iron	24000		87.7	24600	590	80 - 120	J
Magnesium	1900		4390	5790	89	80 - 120	
Manganese	290		43.9	335	108	80 - 120	Q
Sodium	24		4390	3840	87	80 - 120	
Nickel	17		43.9	57.9	94	80 - 120	Q

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Post Digestion Spike - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-7	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.14 g
Analysis Date:	12/27/2012 2123	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Lead	16	1.75	17.7	72	80 - 120	J
Antimony	0.11 J	43.9	38.0	86	80 - 120	
Thallium	0.14	4.39	4.23	93	80 - 120	
Vanadium	14	43.9	56.2	97	80 - 120	
Zinc	56	43.9	96.1	92	80 - 120	Q
Potassium	820	4390	4700	89	80 - 120	
Selenium	0.46	0.877	1.17	81	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Serial Dilution - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-7	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	1.14 g
Analysis Date:	12/27/2012 2008	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Silver	0.019	J	0.13	NC	10	U
Aluminum	7700		7660	0.66	10	D
Arsenic	13		13.3	0.83	10	D
Barium	34		33.3	1.6	10	D Q
Beryllium	0.41		0.431	4.9	10	J D
Calcium	780		768	1.4	10	D
Cadmium	0.15		0.121	NC	10	J D Q
Chromium	14		13.1	4.8	10	D
Cobalt	7.0		6.67	5.3	10	D Q
Copper	16		15.2	1.9	10	D Q
Iron	24000		24000	0.20	10	D
Magnesium	1900		1880	0.09	10	D
Manganese	290		278	3.3	10	D Q
Sodium	24		22.3	NC	10	J D
Nickel	17		16.3	2.5	10	D Q
Lead	16		15.6	5.0	10	D
Antimony	0.11	J	0.44	NC	10	U
Thallium	0.14		0.132	NC	10	J D
Vanadium	14		13.1	5.0	10	D
Zinc	56		60.4	8.7	10	D Q
Potassium	820		804	2.0	10	D
Selenium	0.46		0.44	NC	10	U

Duplicate - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-7	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.14 g
Analysis Date:	12/27/2012 2013	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/29/2012 0859				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Silver	0.019	J	0.0207	10	20	J
Aluminum	7700		8750	13	20	
Arsenic	13		13.6	3	20	
Barium	34		36.9	8	20	Q
Beryllium	0.41		0.464	12	20	
Calcium	780		812	4	20	
Cadmium	0.15		0.151	2	20	Q

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Duplicate - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-7	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.14 g
Analysis Date:	12/27/2012 2013	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/29/2012 0859				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Chromium	14		14.3	3	20	
Cobalt	7.0		7.30	4	20	Q
Copper	16		15.8	2	20	Q
Iron	24000		24000	0.5	20	
Magnesium	1900		2010	6	20	
Manganese	290		292	2	20	Q
Sodium	24		28.4	19	20	
Nickel	17		17.1	2	20	Q
Lead	16		20.9	24	20	J
Antimony	0.11	J	0.119	4	20	J
Thallium	0.14		0.133	4	20	
Vanadium	14		15.3	10	20	
Zinc	56		59.3	7	20	Q
Potassium	820		989	19	20	
Selenium	0.46		0.369	22	20	J

Serial Dilution - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-8	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	1.17 g
Analysis Date:	12/27/2012 2048	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Silver	0.023	J	0.13	NC	10	U
Aluminum	5900		5950	1.5	10	D
Arsenic	14		14.5	2.4	10	D
Barium	32		31.4	0.51	10	D Q
Beryllium	0.43		0.444	4.2	10	D
Calcium	1000		1020	1.7	10	D
Cadmium	0.18		0.155	NC	10	J D Q
Chromium	14		13.4	3.2	10	D
Cobalt	8.4		8.07	3.8	10	D Q
Copper	16		15.8	0.35	10	D Q
Iron	24000		25100	3.3	10	D
Magnesium	1800		1860	1.1	10	D
Manganese	410		411	0.69	10	D Q
Sodium	36		34.9	NC	10	J D

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Serial Dilution - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-8	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	1.17 g
Analysis Date:	12/27/2012 2048	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1144				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Nickel	21		20.6	1.5	10	D Q
Lead	13		12.9	3.1	10	D
Antimony	0.11	J	0.43	NC	10	U
Thallium	0.13		0.131	NC	10	J D
Vanadium	12		11.3	4.0	10	D
Zinc	57		63.8	11	10	D Q V
Potassium	780		780	0.35	10	D
Selenium	0.32	J	0.43	NC	10	U

Duplicate - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-8DU	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.17 g
Analysis Date:	12/27/2012 2053	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/29/2012 0859				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Silver		0.0236			J
Aluminum		6500			
Arsenic		14.5			
Barium		32.8			Q
Beryllium		0.439			
Calcium		987			
Cadmium		0.178			Q
Chromium		14.4			
Cobalt		8.38			Q
Copper		16.2			Q
Iron		23300			
Magnesium		1900			
Manganese		408			Q
Sodium		37.9			
Nickel		21.0			Q
Lead		13.3			
Antimony		0.115			J
Thallium		0.134			
Vanadium		12.4			
Zinc		58.2			Q
Potassium		908			

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Duplicate - Batch: 180-59179

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-8DU	Analysis Batch:	180-59603	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59179	Lab File ID:	M21227A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.17 g
Analysis Date:	12/27/2012 2053	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/29/2012 0859				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Selenium		0.298			J

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 180-59183

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	MB 180-59183/1-A	Analysis Batch:	180-59694	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	12/28/2012 2333	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Silver	0.030	U	0.011	0.10
Aluminum	0.515	J	0.28	3.0
Arsenic	0.050	U	0.018	0.10
Barium	0.0133	J Q	0.011	1.0
Beryllium	0.010	U	0.0075	0.10
Calcium	2.78	J	1.3	10
Cadmium	0.030	U	0.013	0.10
Chromium	0.040	U	0.022	0.20
Cobalt	0.010	U Q	0.0024	0.050
Copper	0.060	U Q	0.033	0.20
Iron	1.12	J	1.1	5.0
Magnesium	2.0	U	1.1	10
Manganese	0.030	U	0.016	0.50
Sodium	5.0	U	2.7	10
Nickel	0.0132	J	0.011	0.10
Lead	0.030	U	0.015	0.10
Antimony	0.10	U	0.046	0.20
Thallium	0.020	U	0.010	0.10
Vanadium	0.060	U	0.030	0.10
Zinc	0.141	J Q	0.065	0.50
Potassium	6.0	U	3.2	10
Selenium	0.10	U Q	0.051	0.50

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Control Sample - Batch: 180-59183

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	LCS 180-59183/2-A	Analysis Batch:	180-59694	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	12/28/2012 2337	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	10.0	9.48	95	60 - 114	
Aluminum	1000	918	92	80 - 120	
Arsenic	100	84.4	84	73 - 110	
Barium	100	88.5	88	70 - 110	Q
Beryllium	100	83.9	84	79 - 110	
Calcium	1000	961	96	80 - 120	
Cadmium	100	87.4	87	74 - 110	
Chromium	100	93.9	94	70 - 110	
Cobalt	100	92.9	93	74 - 110	Q
Copper	100	94.8	95	73 - 110	Q
Iron	1000	966	97	80 - 120	
Magnesium	1000	938	94	80 - 120	
Manganese	100	96.5	97	80 - 120	
Sodium	1000	893	89	80 - 120	
Nickel	100	95.2	95	75 - 110	
Lead	100	89.7	90	75 - 110	
Antimony	10.0	8.35	84	68 - 113	
Thallium	25.0	22.2	89	71 - 110	
Vanadium	100	91.6	92	72 - 110	
Zinc	100	87.6	88	72 - 113	Q
Potassium	1000	910	91	80 - 120	
Selenium	100	81.8	82	65 - 110	Q

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike - Batch: 180-59183

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-19	Analysis Batch:	180-59694	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.14 g
Analysis Date:	12/28/2012 2355	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/29/2012 0902				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	0.025	J	8.77	7.67	87	75 - 125	
Aluminum	9700		877	11200	172	70 - 130	4
Arsenic	15		8.77	21.7	81	23 - 131	
Barium	44		8.77	54.1	110	10 - 199	Q 4
Beryllium	0.49		8.77	7.41	79	58 - 112	
Calcium	1200		877	2000	87	70 - 130	
Cadmium	0.15		8.77	7.43	83	58 - 110	
Chromium	20		8.77	26.7	82	10 - 199	
Cobalt	8.1		8.77	17.2	103	55 - 110	Q
Copper	14		8.77	22.0	93	10 - 199	Q
Iron	24000		877	24600	73	70 - 130	4
Magnesium	2300		877	3160	93	70 - 130	
Manganese	340		8.77	388	557	10 - 199	4
Sodium	31		877	779	85	70 - 130	
Nickel	20		8.77	28.0	90	10 - 176	
Lead	12		8.77	21.6	109	10 - 199	
Antimony	0.12	J	8.77	1.82	19	75 - 125	J
Thallium	0.19		8.77	7.79	87	82 - 110	
Vanadium	17		8.77	25.9	99	39 - 129	
Zinc	50		8.77	59.8	113	10 - 199	Q 4
Potassium	900		877	1540	74	70 - 130	
Selenium	0.76		8.77	7.05	72	39 - 116	Q

Post Digestion Spike - Batch: 180-59183

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-19	Analysis Batch:	180-59694	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.14 g
Analysis Date:	12/28/2012 2359	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	0.025	J	4.39	4.15	94	80 - 120	
Aluminum	9700		175	10300	315	80 - 120	
Arsenic	15		3.51	18.5	110	80 - 120	
Barium	44		175	201	89	80 - 120	Q
Beryllium	0.49		4.39	4.35	88	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Post Digestion Spike - Batch: 180-59183

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-19	Analysis Batch:	180-59694	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.14 g
Analysis Date:	12/28/2012 2359	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Calcium	1200	4390	5280	92	80 - 120	
Cadmium	0.15	4.39	4.04	89	80 - 120	
Chromium	20	17.5	36.2	95	80 - 120	
Cobalt	8.1	43.9	48.6	92	80 - 120	Q
Copper	14	21.9	34.2	93	80 - 120	Q
Iron	24000	87.7	24700	790	80 - 120	
Magnesium	2300	4390	6500	95	80 - 120	
Manganese	340	43.9	386	107	80 - 120	
Sodium	31	4390	4010	91	80 - 120	
Nickel	20	43.9	60.5	92	80 - 120	
Lead	12	1.75	14.3	132	80 - 120	
Antimony	0.12 J	43.9	37.9	86	80 - 120	
Thallium	0.19	4.39	4.41	96	80 - 120	
Vanadium	17	43.9	58.3	94	80 - 120	
Zinc	50	43.9	89.1	89	80 - 120	Q
Potassium	900	4390	4890	91	80 - 120	
Selenium	0.76	0.877	1.58	94	80 - 120	Q

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Serial Dilution - Batch: 180-59183

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-19	Analysis Batch:	180-59694	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	1.14 g
Analysis Date:	12/28/2012 2346	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Silver	0.025	J	0.13	NC	10	U
Aluminum	9700		10200	4.6	10	D
Arsenic	15		14.4	1.8	10	D
Barium	44		44.8	0.87	10	D Q
Beryllium	0.49		0.528	7.0	10	D
Calcium	1200		1290	3.6	10	D
Cadmium	0.15		0.184	NC	10	J D
Chromium	20		19.4	0.99	10	D
Cobalt	8.1		7.85	2.9	10	D Q
Copper	14		13.7	0.92	10	D Q
Iron	24000		24800	3.3	10	D
Magnesium	2300		2400	2.7	10	D
Manganese	340		339	0.26	10	D
Sodium	31		30.5	NC	10	J D
Nickel	20		20.1	0.33	10	D
Lead	12		11.3	5.6	10	D
Antimony	0.12	J	0.44	NC	10	U
Thallium	0.19		0.184	NC	10	J D
Vanadium	17		16.8	2.0	10	D
Zinc	50		53.5	7.1	10	D Q
Potassium	900		934	4.3	10	D
Selenium	0.76		0.44	NC	10	U Q

Duplicate - Batch: 180-59183

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-19	Analysis Batch:	180-59694	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.14 g
Analysis Date:	12/28/2012 2350	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/29/2012 0902				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Silver	0.025	J	0.0229	9	20	J
Aluminum	9700		9490	2	20	
Arsenic	15		14.5	1	20	
Barium	44		43.7	1	20	Q
Beryllium	0.49		0.473	4	20	
Calcium	1200		1180	6	20	
Cadmium	0.15		0.163	9	20	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Duplicate - Batch: 180-59183

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18544-19	Analysis Batch:	180-59694	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59183	Lab File ID:	M21228A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.14 g
Analysis Date:	12/28/2012 2350	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/29/2012 0902				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Chromium	20		21.7	10	20	
Cobalt	8.1		8.86	9	20	Q
Copper	14		14.1	2	20	Q
Iron	24000		22600	6	20	
Magnesium	2300		2260	4	20	
Manganese	340		359	6	20	
Sodium	31		29.7	6	20	
Nickel	20		21.4	6	20	
Lead	12		12.8	7	20	
Antimony	0.12	J	0.102	12	20	J
Thallium	0.19		0.138	33	20	
Vanadium	17		16.3	5	20	
Zinc	50		51.9	4	20	Q
Potassium	900		861	4	20	
Selenium	0.76		0.564	29	20	Q

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-68388

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	MB 240-68388/1-A	Analysis Batch:	240-68700	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-68388	Lab File ID:	121312B-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	12/13/2012 2028	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1505				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Mercury	0.033	U	0.014	0.10

Lab Control Sample - Batch: 240-68388

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	LCS 240-68388/2-A	Analysis Batch:	240-68700	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-68388	Lab File ID:	121312B-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	12/13/2012 2029	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1505				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.833	0.820	98	80 - 120	

Matrix Spike - Batch: 240-68388

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-18544-1	Analysis Batch:	240-68700	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-68388	Lab File ID:	121312B-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.55 g
Analysis Date:	12/13/2012 2042	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1505				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.017	J	0.205	0.219	107	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Duplicate - Batch: 240-68388

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-18544-1	Analysis Batch:	240-68700	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-68388	Lab File ID:	121312B-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.55 g
Analysis Date:	12/13/2012 2039	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/12/2012 1505				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.017	J	0.040	NC	20	U

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-68775

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	MB 240-68775/1-A	Analysis Batch:	240-69127	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	12/17/2012 1644	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Mercury	0.033	U	0.014	0.10

Lab Control Sample - Batch: 240-68775

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	LCS 240-68775/2-A	Analysis Batch:	240-69127	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	12/17/2012 1647	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.833	0.676	81	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike - Batch: 240-68775

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-18544-7	Analysis Batch:	240-69127	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	0.63 g
Analysis Date:	12/17/2012 1653	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/07/2012 1930				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.032	J	0.159	0.198	105	80 - 120	

Matrix Spike - Batch: 240-68775

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-18544-8	Analysis Batch:	240-69127	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	0.56 g
Analysis Date:	12/17/2012 1659	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/07/2012 1930				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.030	J	0.179	0.211	101	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Duplicate - Batch: 240-68775

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-18544-7	Analysis Batch:	240-69127	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	0.63 g
Analysis Date:	12/17/2012 1651	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/07/2012 1930				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.032	J	0.0351	10	20	J

Duplicate - Batch: 240-68775

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-18544-8	Analysis Batch:	240-69127	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-68775	Lab File ID:	121712A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68067	Initial Weight/Volume:	0.56 g
Analysis Date:	12/17/2012 1657	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/14/2012 1440				
Leach Date:	12/07/2012 1930				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.030	J	0.0311	5	20	J

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-69021

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	MB 240-69021/1-A	Analysis Batch:	240-69324	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-69021	Lab File ID:	121812A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	12/18/2012 1117	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Mercury	0.033	U	0.014	0.10

Lab Control Sample - Batch: 240-69021

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	LCS 240-69021/2-A	Analysis Batch:	240-69324	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-69021	Lab File ID:	121812A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	12/18/2012 1119	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.833	0.815	98	80 - 120	

Matrix Spike - Batch: 240-69021

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-18544-19	Analysis Batch:	240-69324	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-69021	Lab File ID:	121812A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.53 g
Analysis Date:	12/18/2012 1126	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				
Leach Date:	12/07/2012 1930				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.032	J	0.189	0.230	105	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Duplicate - Batch: 240-69021

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-18544-19	Analysis Batch:	240-69324	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-69021	Lab File ID:	121812A-HG4.PRN
Dilution:	1.0	Leach Batch:	240-68436	Initial Weight/Volume:	0.53 g
Analysis Date:	12/18/2012 1124	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				
Leach Date:	12/07/2012 1930				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.032	J	0.0352	10	20	J

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 240-69805

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	MB 240-69805/1-A	Analysis Batch:	240-70191	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-69805	Lab File ID:	122612A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	12/26/2012 1648	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/21/2012 1410				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Mercury	0.033	U	0.014	0.10

Lab Control Sample - Batch: 240-69805

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	LCS 240-69805/2-A	Analysis Batch:	240-70191	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-69805	Lab File ID:	122612A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	12/26/2012 1650	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/21/2012 1410				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.833	0.812	97	80 - 120	

Matrix Spike - Batch: 240-69805

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-18544-38	Analysis Batch:	240-70191	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-69805	Lab File ID:	122612A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.54 g
Analysis Date:	12/26/2012 1657	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/21/2012 1410				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.046	U	0.232	0.254	109	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Duplicate - Batch: 240-69805

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-18544-38	Analysis Batch:	240-70191	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-69805	Lab File ID:	122612A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.54 g
Analysis Date:	12/26/2012 1655	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/21/2012 1410				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.046	U	0.046	NC	20	U

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Duplicate - Batch: 240-68070 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-18544-1	Analysis Batch:	240-68070	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/10/2012 1600	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	89	89	0.3	20	
Percent Moisture	11	11	2	20	

Duplicate - Batch: 240-68070 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-18544-19	Analysis Batch:	240-68070	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/10/2012 1600	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	94	89	5	20	
Percent Moisture	6.0	11	58	20	J

Duplicate - Batch: 240-68070 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-18544-42	Analysis Batch:	240-68070	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/10/2012 1600	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	74	75	1	20	
Percent Moisture	26	25	4	20	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Duplicate - Batch: 240-68070 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-18544-7	Analysis Batch:	240-68070	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/10/2012 1600	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	89	90	0.2	20	
Percent Moisture	11	10	1	20	

Duplicate - Batch: 240-68070 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-18544-8	Analysis Batch:	240-68070	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/10/2012 1600	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	93	92	1	20	
Percent Moisture	7.0	8.3	17	20	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Blank - Batch: 320-7638

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

Lab Sample ID:	MB 320-7571/1-B	Analysis Batch:	320-7756	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-7638	Lab File ID:	122012A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	12/20/2012 1216	Units:	mg/Kg	Final Weight/Volume:	40 mL
Prep Date:	12/20/2012 0801				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Nitrocellulose	1.31	J	0.78	5.0

Lab Control Sample - Batch: 320-7638

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

Lab Sample ID:	LCS 320-7571/2-B	Analysis Batch:	320-7756	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-7638	Lab File ID:	122012A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	12/20/2012 1218	Units:	mg/Kg	Final Weight/Volume:	40 mL
Prep Date:	12/20/2012 0801				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	51.0	33.3	65	34 - 115	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-7638

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

MS Lab Sample ID:	240-18544-19	Analysis Batch:	320-7756	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-7638	Lab File ID:	122012A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	12/20/2012 1234			Final Weight/Volume:	40 mL
Prep Date:	12/20/2012 0801				
Leach Date:	N/A				

MSD Lab Sample ID:	240-18544-19	Analysis Batch:	320-7756	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-7638	Lab File ID:	122012A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	12/20/2012 1236			Final Weight/Volume:	40 mL
Prep Date:	12/20/2012 0801				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrocellulose	38	40	34 - 115	6	71		

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-7638

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

MS Lab Sample ID:	240-18544-19	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	12/20/2012 1234		
Prep Date:	12/20/2012 0801		
Leach Date:	N/A		

MSD Lab Sample ID:	240-18544-19
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	12/20/2012 1236
Prep Date:	12/20/2012 0801
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Nitrocellulose	8.3	J	500	440	197	185

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Method Reporting Limit Check - Batch: 320-7756 **Method: WS-WC-0050**
Preparation: N/A

Lab Sample ID:	MRL 320-7756/10	Analysis Batch:	320-7756	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	122012A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/20/2012 1206	Units:	mg/L	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	0.420	1.0	108	70 - 130	U

Method Reporting Limit Check - Batch: 320-7756 **Method: WS-WC-0050**
Preparation: N/A

Lab Sample ID:	MRL 320-7756/20	Analysis Batch:	320-7756	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	122012A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/20/2012 1226	Units:	mg/L	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	0.420	0.538	128	70 - 130	J

Method Reporting Limit Check - Batch: 320-7756 **Method: WS-WC-0050**
Preparation: N/A

Lab Sample ID:	MRL 320-7756/34	Analysis Batch:	320-7756	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	122012A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/20/2012 1254	Units:	mg/L	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	0.420	0.546	130	70 - 130	J

Method Reporting Limit Check - Batch: 320-7756 **Method: WS-WC-0050**
Preparation: N/A

Lab Sample ID:	MRL 320-7756/47	Analysis Batch:	320-7756	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	122012A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/20/2012 1320	Units:	mg/L	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	0.420	0.529	126	70 - 130	J

DATA REPORTING QUALIFIERS

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	^	Instrument related QC exceeds the control limits
	Q	One or more quality control criteria failed.
	U	Undetected at the Limit of Detection.
GC/MS Semi VOA		
	B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	^	Instrument related QC exceeds the control limits
	M	Manual integrated compound.
	Q	One or more quality control criteria failed.
	H	Sample was prepped or analyzed beyond the specified holding time
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.
GC VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	^	Instrument related QC exceeds the control limits
	U	Undetected at the Limit of Detection.

DATA REPORTING QUALIFIERS

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Section	Qualifier	Description
GC Semi VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	^	Instrument related QC exceeds the control limits
	M	Manual integrated compound.
	Q	One or more quality control criteria failed.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.
HPLC/IC		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	M	Manual integrated compound.
	U	Undetected at the Limit of Detection.
Metals		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	Q	One or more quality control criteria failed.
	V	Serial Dilution exceeds the control limits
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.

DATA REPORTING QUALIFIERS

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Lab Section	Qualifier	Description
General Chemistry		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	U	Undetected at the Limit of Detection.

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 240-68262					
240-18544-1	072SB-0063-0001-SO	T	Solid	5035	
240-18544-1MS	Matrix Spike	T	Solid	5035	
240-18544-1MSD	Matrix Spike Duplicate	T	Solid	5035	
240-18544-2	072SB-0064-0001-SO	T	Solid	5035	
240-18544-3	072SB-0065-0001-SO	T	Solid	5035	
240-18544-4	072SB-0066-0001-SO	T	Solid	5035	
240-18544-5	072SB-0067-0001-SO	T	Solid	5035	
240-18544-6	072SB-0068-0001-SO	T	Solid	5035	
240-18544-7	076SB-0090M-0001-SO	T	Solid	5035	
240-18544-7MS	Matrix Spike	T	Solid	5035	
240-18544-7MSD	Matrix Spike Duplicate	T	Solid	5035	
240-18544-8	076SB-0091M-0001-SO	T	Solid	5035	
240-18544-8MS	Matrix Spike	T	Solid	5035	
240-18544-8MSD	Matrix Spike Duplicate	T	Solid	5035	
240-18544-10	076SB-0092-0001-SO	T	Solid	5035	
240-18544-11	076SB-0093-0001-SO	T	Solid	5035	
240-18544-12	076SB-0094-0001-SO	T	Solid	5035	
240-18544-13	076SB-0095-0001-SO	T	Solid	5035	
240-18544-14	076SB-0096-0001-SO	T	Solid	5035	
240-18544-15	076SB-0097-0001-SO	T	Solid	5035	
240-18544-16	076SB-0098-0001-SO	T	Solid	5035	
240-18544-17	076SB-0099-0001-SO	T	Solid	5035	
240-18544-18	076SB-0078-0001-SO	T	Solid	5035	
240-18544-19	076SB-0100M-0001-SO	T	Solid	5035	
240-18544-19MS	Matrix Spike	T	Solid	5035	
240-18544-19MSD	Matrix Spike Duplicate	T	Solid	5035	
240-18544-20	076SB-0101M-0001-SO	T	Solid	5035	
240-18544-21	076SB-0102M-0001-SO	T	Solid	5035	
240-18544-22	076SB-0103M-0001-SO	T	Solid	5035	
240-18544-23	076SB-0104M-0001-SO	T	Solid	5035	
240-18544-24	076SB-0105M-0001-SO	T	Solid	5035	
240-18544-25	076SB-0106M-0001-SO	T	Solid	5035	
240-18544-26	076SB-0107M-0001-SO	T	Solid	5035	
240-18544-27	076SB-0108M-0001-SO	T	Solid	5035	
240-18544-28	076SB-0109M-0001-SO	T	Solid	5035	
240-18544-29	076SB-0110M-0001-SO	T	Solid	5035	
240-18544-30	076SB-0111M-0001-SO	T	Solid	5035	
240-18544-31	076SB-0112M-0001-SO	T	Solid	5035	
240-18544-32	076SB-0113M-0001-SO	T	Solid	5035	
240-18544-33	076SB-0114M-0001-SO	T	Solid	5035	
240-18544-34	076SB-0115M-0001-SO	T	Solid	5035	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-68395					
LCS 240-68395/5	Lab Control Sample	T	Water	8260B/DoD	
MB 240-68395/6	Method Blank	T	Water	8260B/DoD	
240-18544-9	072SB-0069-0001-TB	T	Water	8260B/DoD	
240-18544-35	076SB-0116-0001-TB	T	Water	8260B/DoD	
240-18544-36	076SB-0117-0001-TB	T	Water	8260B/DoD	
240-18544-37	076SB-0118-0001-TB	T	Water	8260B/DoD	
Analysis Batch:240-68663					
LCS 240-68663/6	Lab Control Sample	T	Solid	8260B/DoD	
MB 240-68663/7	Method Blank	T	Solid	8260B/DoD	
240-18544-1	072SB-0063-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-1MS	Matrix Spike	T	Solid	8260B/DoD	240-68262
240-18544-1MSD	Matrix Spike Duplicate	T	Solid	8260B/DoD	240-68262
Analysis Batch:240-68830					
LCS 240-68830/13	Lab Control Sample	T	Solid	8260B/DoD	
MB 240-68830/15	Method Blank	T	Solid	8260B/DoD	
240-18544-3	072SB-0065-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-7	076SB-0090M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-7MS	Matrix Spike	T	Solid	8260B/DoD	240-68262
240-18544-7MSD	Matrix Spike Duplicate	T	Solid	8260B/DoD	240-68262
240-18544-10	076SB-0092-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-11	076SB-0093-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-12	076SB-0094-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-14	076SB-0096-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-15	076SB-0097-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-16	076SB-0098-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-17	076SB-0099-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-20	076SB-0101M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-21	076SB-0102M-0001-SO	T	Solid	8260B/DoD	240-68262

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-68879					
LCS 240-68879/6	Lab Control Sample	T	Solid	8260B/DoD	
MB 240-68879/7	Method Blank	T	Solid	8260B/DoD	
240-18544-2	072SB-0064-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-4	072SB-0066-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-8	076SB-0091M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-8MS	Matrix Spike	T	Solid	8260B/DoD	240-68262
240-18544-8MSD	Matrix Spike Duplicate	T	Solid	8260B/DoD	240-68262
240-18544-13	076SB-0095-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-19	076SB-0100M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-19MS	Matrix Spike	T	Solid	8260B/DoD	240-68262
240-18544-19MSD	Matrix Spike Duplicate	T	Solid	8260B/DoD	240-68262
240-18544-22	076SB-0103M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-23	076SB-0104M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-24	076SB-0105M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-25	076SB-0106M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-26	076SB-0107M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-27	076SB-0108M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-28	076SB-0109M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-29	076SB-0110M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-30	076SB-0111M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-31	076SB-0112M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-32	076SB-0113M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-33	076SB-0114M-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-34	076SB-0115M-0001-SO	T	Solid	8260B/DoD	240-68262
Analysis Batch:240-68905					
LCS 240-68905/6	Lab Control Sample	T	Solid	8260B/DoD	
MB 240-68905/7	Method Blank	T	Solid	8260B/DoD	
240-18544-5	072SB-0067-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-6	072SB-0068-0001-SO	T	Solid	8260B/DoD	240-68262
240-18544-18	076SB-0078-0001-SO	T	Solid	8260B/DoD	240-68262

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-68067					
240-18544-7	076SB-0090M-0001-SO	T	Solid	Increment, Prep	
240-18544-7MS	Matrix Spike	T	Solid	Increment, Prep	
240-18544-7MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-18544-8	076SB-0091M-0001-SO	T	Solid	Increment, Prep	
240-18544-8MS	Matrix Spike	T	Solid	Increment, Prep	
240-18544-8MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-18544-10	076SB-0092-0001-SO	T	Solid	Increment, Prep	
240-18544-11	076SB-0093-0001-SO	T	Solid	Increment, Prep	
240-18544-12	076SB-0094-0001-SO	T	Solid	Increment, Prep	
240-18544-13	076SB-0095-0001-SO	T	Solid	Increment, Prep	
240-18544-14	076SB-0096-0001-SO	T	Solid	Increment, Prep	
240-18544-15	076SB-0097-0001-SO	T	Solid	Increment, Prep	
240-18544-16	076SB-0098-0001-SO	T	Solid	Increment, Prep	
Prep Batch: 240-68436					
240-18544-17	076SB-0099-0001-SO	T	Solid	Increment, Prep	
240-18544-19	076SB-0100M-0001-SO	T	Solid	Increment, Prep	
240-18544-19MS	Matrix Spike	T	Solid	Increment, Prep	
240-18544-19MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-18544-20	076SB-0101M-0001-SO	T	Solid	Increment, Prep	
240-18544-21	076SB-0102M-0001-SO	T	Solid	Increment, Prep	
240-18544-22	076SB-0103M-0001-SO	T	Solid	Increment, Prep	
240-18544-23	076SB-0104M-0001-SO	T	Solid	Increment, Prep	
240-18544-24	076SB-0105M-0001-SO	T	Solid	Increment, Prep	
240-18544-25	076SB-0106M-0001-SO	T	Solid	Increment, Prep	
240-18544-25RE	076SB-0106M-0001-SO	T	Solid	Increment, Prep	
240-18544-26	076SB-0107M-0001-SO	T	Solid	Increment, Prep	
240-18544-27	076SB-0108M-0001-SO	T	Solid	Increment, Prep	
240-18544-28	076SB-0109M-0001-SO	T	Solid	Increment, Prep	
240-18544-29	076SB-0110M-0001-SO	T	Solid	Increment, Prep	
240-18544-30	076SB-0111M-0001-SO	T	Solid	Increment, Prep	
240-18544-31	076SB-0112M-0001-SO	T	Solid	Increment, Prep	
240-18544-32	076SB-0113M-0001-SO	T	Solid	Increment, Prep	
240-18544-33	076SB-0114M-0001-SO	T	Solid	Increment, Prep	
240-18544-34	076SB-0115M-0001-SO	T	Solid	Increment, Prep	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-69176					
LCS 240-69176/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-69176/23-A	Method Blank	T	Solid	3540C	
240-18544-1	072SB-0063-0001-SO	T	Solid	3540C	
240-18544-1MS	Matrix Spike	T	Solid	3540C	
240-18544-1MSD	Matrix Spike Duplicate	T	Solid	3540C	
240-18544-2	072SB-0064-0001-SO	T	Solid	3540C	
240-18544-3	072SB-0065-0001-SO	T	Solid	3540C	
240-18544-4	072SB-0066-0001-SO	T	Solid	3540C	
240-18544-5	072SB-0067-0001-SO	T	Solid	3540C	
240-18544-6	072SB-0068-0001-SO	T	Solid	3540C	
240-18544-7	076SB-0090M-0001-SO	T	Solid	3540C	240-68067
240-18544-7MS	Matrix Spike	T	Solid	3540C	240-68067
240-18544-7MSD	Matrix Spike Duplicate	T	Solid	3540C	240-68067
240-18544-8	076SB-0091M-0001-SO	T	Solid	3540C	240-68067
240-18544-8MS	Matrix Spike	T	Solid	3540C	240-68067
240-18544-8MSD	Matrix Spike Duplicate	T	Solid	3540C	240-68067
240-18544-10	076SB-0092-0001-SO	T	Solid	3540C	240-68067
240-18544-11	076SB-0093-0001-SO	T	Solid	3540C	240-68067
240-18544-12	076SB-0094-0001-SO	T	Solid	3540C	240-68067
240-18544-13	076SB-0095-0001-SO	T	Solid	3540C	240-68067
240-18544-14	076SB-0096-0001-SO	T	Solid	3540C	240-68067
240-18544-15	076SB-0097-0001-SO	T	Solid	3540C	240-68067
240-18544-16	076SB-0098-0001-SO	T	Solid	3540C	240-68067
240-18544-17	076SB-0099-0001-SO	T	Solid	3540C	240-68436

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-69185					
LCS 240-69185/21-A	Lab Control Sample	T	Solid	3540C	
MB 240-69185/20-A	Method Blank	T	Solid	3540C	
240-18544-18	076SB-0078-0001-SO	T	Solid	3540C	
240-18544-19	076SB-0100M-0001-SO	T	Solid	3540C	240-68436
240-18544-19MS	Matrix Spike	T	Solid	3540C	240-68436
240-18544-19MSD	Matrix Spike Duplicate	T	Solid	3540C	240-68436
240-18544-20	076SB-0101M-0001-SO	T	Solid	3540C	240-68436
240-18544-21	076SB-0102M-0001-SO	T	Solid	3540C	240-68436
240-18544-22	076SB-0103M-0001-SO	T	Solid	3540C	240-68436
240-18544-23	076SB-0104M-0001-SO	T	Solid	3540C	240-68436
240-18544-24	076SB-0105M-0001-SO	T	Solid	3540C	240-68436
240-18544-25	076SB-0106M-0001-SO	T	Solid	3540C	240-68436
240-18544-26	076SB-0107M-0001-SO	T	Solid	3540C	240-68436
240-18544-27	076SB-0108M-0001-SO	T	Solid	3540C	240-68436
240-18544-28	076SB-0109M-0001-SO	T	Solid	3540C	240-68436
240-18544-29	076SB-0110M-0001-SO	T	Solid	3540C	240-68436
240-18544-30	076SB-0111M-0001-SO	T	Solid	3540C	240-68436
240-18544-31	076SB-0112M-0001-SO	T	Solid	3540C	240-68436
240-18544-32	076SB-0113M-0001-SO	T	Solid	3540C	240-68436
240-18544-33	076SB-0114M-0001-SO	T	Solid	3540C	240-68436
240-18544-34	076SB-0115M-0001-SO	T	Solid	3540C	240-68436
Analysis Batch:240-69932					
LCS 240-69176/24-A	Lab Control Sample	T	Solid	8270C/DoD	240-69176
MB 240-69176/23-A	Method Blank	T	Solid	8270C/DoD	240-69176
240-18544-1	072SB-0063-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-1MS	Matrix Spike	T	Solid	8270C/DoD	240-69176
240-18544-1MSD	Matrix Spike Duplicate	T	Solid	8270C/DoD	240-69176
240-18544-4	072SB-0066-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-5	072SB-0067-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-7	076SB-0090M-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-7MS	Matrix Spike	T	Solid	8270C/DoD	240-69176
240-18544-7MSD	Matrix Spike Duplicate	T	Solid	8270C/DoD	240-69176
240-18544-8	076SB-0091M-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-8MS	Matrix Spike	T	Solid	8270C/DoD	240-69176
240-18544-8MSD	Matrix Spike Duplicate	T	Solid	8270C/DoD	240-69176
240-18544-10	076SB-0092-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-11	076SB-0093-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-12	076SB-0094-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-13	076SB-0095-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-14	076SB-0096-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-15	076SB-0097-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-16	076SB-0098-0001-SO	T	Solid	8270C/DoD	240-69176

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:240-69977					
LCS 240-69185/21-A	Lab Control Sample	T	Solid	8270C/DoD	240-69185
MB 240-69185/20-A	Method Blank	T	Solid	8270C/DoD	240-69185
240-18544-2	072SB-0064-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-3	072SB-0065-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-6	072SB-0068-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-17	076SB-0099-0001-SO	T	Solid	8270C/DoD	240-69176
240-18544-18	076SB-0078-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-19	076SB-0100M-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-19MS	Matrix Spike	T	Solid	8270C/DoD	240-69185
240-18544-19MSD	Matrix Spike Duplicate	T	Solid	8270C/DoD	240-69185
240-18544-20	076SB-0101M-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-21	076SB-0102M-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-22	076SB-0103M-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-23	076SB-0104M-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-24	076SB-0105M-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-25	076SB-0106M-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-26	076SB-0107M-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-27	076SB-0108M-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-28	076SB-0109M-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-29	076SB-0110M-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-30	076SB-0111M-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-33	076SB-0114M-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-34	076SB-0115M-0001-SO	T	Solid	8270C/DoD	240-69185
Analysis Batch:240-70078					
240-18544-31	076SB-0112M-0001-SO	T	Solid	8270C/DoD	240-69185
240-18544-32	076SB-0113M-0001-SO	T	Solid	8270C/DoD	240-69185
Prep Batch: 240-70267					
LCS 240-70267/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-70267/23-A	Method Blank	T	Solid	3540C	
240-18544-25RE	076SB-0106M-0001-SO	T	Solid	3540C	240-68436
Analysis Batch:240-70566					
LCS 240-70267/24-A	Lab Control Sample	T	Solid	8270C/DoD	240-70267
240-18544-25RE	076SB-0106M-0001-SO	T	Solid	8270C/DoD	240-70267
Analysis Batch:240-70814					
MB 240-70267/23-A	Method Blank	T	Solid	8270C/DoD	240-70267

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 240-69008					
LCS 240-69008/2-A	Lab Control Sample	T	Solid	5035	
MB 240-69008/1-A	Method Blank	T	Solid	5035	
240-18544-5	072SB-0067-0001-SO	T	Solid	5035	
Analysis Batch:240-69142					
LCS 240-69142/43	Lab Control Sample	T	Solid	8015B	
MB 240-69142/42	Method Blank	T	Solid	8015B	
240-18544-1	072SB-0063-0001-SO	T	Solid	8015B	240-69349
240-18544-1MS	Matrix Spike	T	Solid	8015B	240-69349
240-18544-1MSD	Matrix Spike Duplicate	T	Solid	8015B	240-69349
240-18544-2	072SB-0064-0001-SO	T	Solid	8015B	240-69349
240-18544-3	072SB-0065-0001-SO	T	Solid	8015B	240-69349
240-18544-4	072SB-0066-0001-SO	T	Solid	8015B	240-69349
Prep Batch: 240-69349					
240-18544-1	072SB-0063-0001-SO	T	Solid	5035	
240-18544-1MS	Matrix Spike	T	Solid	5035	
240-18544-1MSD	Matrix Spike Duplicate	T	Solid	5035	
240-18544-2	072SB-0064-0001-SO	T	Solid	5035	
240-18544-3	072SB-0065-0001-SO	T	Solid	5035	
240-18544-4	072SB-0066-0001-SO	T	Solid	5035	
Analysis Batch:240-69540					
LCS 240-69540/8	Lab Control Sample	T	Solid	8015B	
MB 240-69540/10	Method Blank	T	Solid	8015B	
LCS 240-69008/2-A	Lab Control Sample	T	Solid	8015B	240-69008
MB 240-69008/1-A	Method Blank	T	Solid	8015B	240-69008
240-18544-5	072SB-0067-0001-SO	T	Solid	8015B	240-69008
240-18544-6	072SB-0068-0001-SO	T	Solid	8015B	240-69629
240-18544-18	076SB-0078-0001-SO	T	Solid	8015B	240-69629
Prep Batch: 240-69629					
240-18544-6	072SB-0068-0001-SO	T	Solid	5035	
240-18544-18	076SB-0078-0001-SO	T	Solid	5035	

Report Basis

T = Total

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-68067					
240-18544-16	076SB-0098-0001-SO	T	Solid	Increment, Prep	
240-18544-16MS	Matrix Spike	T	Solid	Increment, Prep	
240-18544-16MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
Prep Batch: 240-68401					
LCS 240-68401/23-A	Lab Control Sample	T	Solid	3540C	
MB 240-68401/24-A	Method Blank	T	Solid	3540C	
240-18544-3	072SB-0065-0001-SO	T	Solid	3540C	
Prep Batch: 240-68407					
LCS 240-68407/9-A	Lab Control Sample	T	Solid	3540C	
MB 240-68407/10-A	Method Blank	T	Solid	3540C	
240-18544-3	072SB-0065-0001-SO	T	Solid	3540C	
Prep Batch: 240-68436					
240-18544-19	076SB-0100M-0001-SO	T	Solid	Increment, Prep	
240-18544-19MS	Matrix Spike	T	Solid	Increment, Prep	
240-18544-19MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-18544-20	076SB-0101M-0001-SO	T	Solid	Increment, Prep	
240-18544-21	076SB-0102M-0001-SO	T	Solid	Increment, Prep	
240-18544-22	076SB-0103M-0001-SO	T	Solid	Increment, Prep	
240-18544-23	076SB-0104M-0001-SO	T	Solid	Increment, Prep	
240-18544-24	076SB-0105M-0001-SO	T	Solid	Increment, Prep	
240-18544-25	076SB-0106M-0001-SO	T	Solid	Increment, Prep	
240-18544-26	076SB-0107M-0001-SO	T	Solid	Increment, Prep	
240-18544-27	076SB-0108M-0001-SO	T	Solid	Increment, Prep	
240-18544-28	076SB-0109M-0001-SO	T	Solid	Increment, Prep	
240-18544-29	076SB-0110M-0001-SO	T	Solid	Increment, Prep	
240-18544-31	076SB-0112M-0001-SO	T	Solid	Increment, Prep	
240-18544-33	076SB-0114M-0001-SO	T	Solid	Increment, Prep	
240-18544-34	076SB-0115M-0001-SO	T	Solid	Increment, Prep	
Analysis Batch:240-68628					
LCS 240-68407/9-A	Lab Control Sample	T	Solid	8081/DOD	240-68407
MB 240-68407/10-A	Method Blank	T	Solid	8081/DOD	240-68407
240-18544-3	072SB-0065-0001-SO	T	Solid	8081/DOD	240-68407
Analysis Batch:240-68676					
LCS 240-68401/23-A	Lab Control Sample	T	Solid	8082/DOD	240-68401
MB 240-68401/24-A	Method Blank	T	Solid	8082/DOD	240-68401
240-18544-3	072SB-0065-0001-SO	T	Solid	8082/DOD	240-68401

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-69020					
LCS 240-69020/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-69020/4-A	Method Blank	T	Solid	3540C	
240-18544-1	072SB-0063-0001-SO	T	Solid	3540C	
240-18544-1MS	Matrix Spike	T	Solid	3540C	
240-18544-1MSD	Matrix Spike Duplicate	T	Solid	3540C	
240-18544-2	072SB-0064-0001-SO	T	Solid	3540C	
240-18544-3	072SB-0065-0001-SO	T	Solid	3540C	
240-18544-4	072SB-0066-0001-SO	T	Solid	3540C	
240-18544-5	072SB-0067-0001-SO	T	Solid	3540C	
240-18544-6	072SB-0068-0001-SO	T	Solid	3540C	
240-18544-18	076SB-0078-0001-SO	T	Solid	3540C	
Prep Batch: 240-69187					
LCS 240-69187/20-A	Lab Control Sample	T	Solid	3540C	
MB 240-69187/19-A	Method Blank	T	Solid	3540C	
240-18544-16	076SB-0098-0001-SO	T	Solid	3540C	240-68067
240-18544-19	076SB-0100M-0001-SO	T	Solid	3540C	240-68436
240-18544-19MS	Matrix Spike	T	Solid	3540C	240-68436
240-18544-19MSD	Matrix Spike Duplicate	T	Solid	3540C	240-68436
240-18544-20	076SB-0101M-0001-SO	T	Solid	3540C	240-68436
240-18544-21	076SB-0102M-0001-SO	T	Solid	3540C	240-68436
240-18544-22	076SB-0103M-0001-SO	T	Solid	3540C	240-68436
240-18544-23	076SB-0104M-0001-SO	T	Solid	3540C	240-68436
240-18544-24	076SB-0105M-0001-SO	T	Solid	3540C	240-68436
240-18544-25	076SB-0106M-0001-SO	T	Solid	3540C	240-68436
240-18544-26	076SB-0107M-0001-SO	T	Solid	3540C	240-68436
240-18544-27	076SB-0108M-0001-SO	T	Solid	3540C	240-68436
240-18544-28	076SB-0109M-0001-SO	T	Solid	3540C	240-68436
240-18544-29	076SB-0110M-0001-SO	T	Solid	3540C	240-68436
240-18544-31	076SB-0112M-0001-SO	T	Solid	3540C	240-68436
240-18544-33	076SB-0114M-0001-SO	T	Solid	3540C	240-68436
240-18544-34	076SB-0115M-0001-SO	T	Solid	3540C	240-68436
Prep Batch: 240-69197					
LCS 240-69197/11-A	Lab Control Sample	T	Solid	3540C	
MB 240-69197/10-A	Method Blank	T	Solid	3540C	
240-18544-16	076SB-0098-0001-SO	T	Solid	3540C	240-68067
240-18544-16MS	Matrix Spike	T	Solid	3540C	240-68067
240-18544-16MSD	Matrix Spike Duplicate	T	Solid	3540C	240-68067
240-18544-20	076SB-0101M-0001-SO	T	Solid	3540C	240-68436
240-18544-27	076SB-0108M-0001-SO	T	Solid	3540C	240-68436
240-18544-28	076SB-0109M-0001-SO	T	Solid	3540C	240-68436
240-18544-29	076SB-0110M-0001-SO	T	Solid	3540C	240-68436
240-18544-31	076SB-0112M-0001-SO	T	Solid	3540C	240-68436
240-18544-33	076SB-0114M-0001-SO	T	Solid	3540C	240-68436

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-69251					
LCS 240-69020/24-A	Lab Control Sample	T	Solid	8015B_DRO/DO	240-69020
MB 240-69020/4-A	Method Blank	T	Solid	8015B_DRO/DO	240-69020
240-18544-1	072SB-0063-0001-SO	T	Solid	8015B_DRO/DO	240-69020
240-18544-1MS	Matrix Spike	T	Solid	8015B_DRO/DO	240-69020
240-18544-1MSD	Matrix Spike Duplicate	T	Solid	8015B_DRO/DO	240-69020
240-18544-2	072SB-0064-0001-SO	T	Solid	8015B_DRO/DO	240-69020
240-18544-3	072SB-0065-0001-SO	T	Solid	8015B_DRO/DO	240-69020
240-18544-4	072SB-0066-0001-SO	T	Solid	8015B_DRO/DO	240-69020
240-18544-6	072SB-0068-0001-SO	T	Solid	8015B_DRO/DO	240-69020
240-18544-18	076SB-0078-0001-SO	T	Solid	8015B_DRO/DO	240-69020
Analysis Batch:240-69475					
240-18544-5	072SB-0067-0001-SO	T	Solid	8015B_DRO/DO	240-69020
Analysis Batch:240-69512					
LCS 240-69197/11-A	Lab Control Sample	T	Solid	8081/DOD	240-69197
MB 240-69197/10-A	Method Blank	T	Solid	8081/DOD	240-69197
240-18544-16	076SB-0098-0001-SO	T	Solid	8081/DOD	240-69197
240-18544-16MS	Matrix Spike	T	Solid	8081/DOD	240-69197
240-18544-16MSD	Matrix Spike Duplicate	T	Solid	8081/DOD	240-69197
240-18544-20	076SB-0101M-0001-SO	T	Solid	8081/DOD	240-69197
240-18544-27	076SB-0108M-0001-SO	T	Solid	8081/DOD	240-69197
240-18544-28	076SB-0109M-0001-SO	T	Solid	8081/DOD	240-69197
240-18544-31	076SB-0112M-0001-SO	T	Solid	8081/DOD	240-69197
240-18544-33	076SB-0114M-0001-SO	T	Solid	8081/DOD	240-69197

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-69521					
LCS 240-69187/20-A	Lab Control Sample	T	Solid	8082/DOD	240-69187
MB 240-69187/19-A	Method Blank	T	Solid	8082/DOD	240-69187
240-18544-16	076SB-0098-0001-SO	T	Solid	8082/DOD	240-69187
240-18544-19	076SB-0100M-0001-SO	T	Solid	8082/DOD	240-69187
240-18544-19MS	Matrix Spike	T	Solid	8082/DOD	240-69187
240-18544-19MSD	Matrix Spike Duplicate	T	Solid	8082/DOD	240-69187
240-18544-20	076SB-0101M-0001-SO	T	Solid	8082/DOD	240-69187
240-18544-21	076SB-0102M-0001-SO	T	Solid	8082/DOD	240-69187
240-18544-22	076SB-0103M-0001-SO	T	Solid	8082/DOD	240-69187
240-18544-23	076SB-0104M-0001-SO	T	Solid	8082/DOD	240-69187
240-18544-24	076SB-0105M-0001-SO	T	Solid	8082/DOD	240-69187
240-18544-25	076SB-0106M-0001-SO	T	Solid	8082/DOD	240-69187
240-18544-26	076SB-0107M-0001-SO	T	Solid	8082/DOD	240-69187
240-18544-27	076SB-0108M-0001-SO	T	Solid	8082/DOD	240-69187
240-18544-28	076SB-0109M-0001-SO	T	Solid	8082/DOD	240-69187
240-18544-29	076SB-0110M-0001-SO	T	Solid	8082/DOD	240-69187
240-18544-31	076SB-0112M-0001-SO	T	Solid	8082/DOD	240-69187
240-18544-33	076SB-0114M-0001-SO	T	Solid	8082/DOD	240-69187
240-18544-34	076SB-0115M-0001-SO	T	Solid	8082/DOD	240-69187
Analysis Batch:240-69893					
240-18544-29	076SB-0110M-0001-SO	T	Solid	8081/DOD	240-69197

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 180-59175					
LCS 180-59175/2-A	Lab Control Sample	T	Solid	3050B	
MB 180-59175/1-A	Method Blank	T	Solid	3050B	
240-18544-1	072SB-0063-0001-SO	T	Solid	3050B	
240-18544-1DU	Duplicate	T	Solid	3050B	
240-18544-1MS	Matrix Spike	T	Solid	3050B	
240-18544-2	072SB-0064-0001-SO	T	Solid	3050B	
240-18544-3	072SB-0065-0001-SO	T	Solid	3050B	
240-18544-4	072SB-0066-0001-SO	T	Solid	3050B	
240-18544-5	072SB-0067-0001-SO	T	Solid	3050B	
Prep Batch: 180-59179					
LCS 180-59179/2-A	Lab Control Sample	T	Solid	3050B	
MB 180-59179/1-A	Method Blank	T	Solid	3050B	
240-18544-6	072SB-0068-0001-SO	T	Solid	3050B	
240-18544-7	076SB-0090M-0001-SO	T	Solid	3050B	
240-18544-7DU	Duplicate	T	Solid	3050B	
240-18544-7MS	Matrix Spike	T	Solid	3050B	
240-18544-8	076SB-0091M-0001-SO	T	Solid	3050B	
240-18544-8MS	Matrix Spike	T	Solid	3050B	
240-18544-8DUDU	Duplicate	T	Solid	3050B	
240-18544-10	076SB-0092-0001-SO	T	Solid	3050B	
240-18544-11	076SB-0093-0001-SO	T	Solid	3050B	
240-18544-12	076SB-0094-0001-SO	T	Solid	3050B	
240-18544-13	076SB-0095-0001-SO	T	Solid	3050B	
240-18544-14	076SB-0096-0001-SO	T	Solid	3050B	
240-18544-15	076SB-0097-0001-SO	T	Solid	3050B	
240-18544-16	076SB-0098-0001-SO	T	Solid	3050B	
240-18544-17	076SB-0099-0001-SO	T	Solid	3050B	
240-18544-18	076SB-0078-0001-SO	T	Solid	3050B	
240-18544-20	076SB-0101M-0001-SO	T	Solid	3050B	
240-18544-21	076SB-0102M-0001-SO	T	Solid	3050B	
240-18544-22	076SB-0103M-0001-SO	T	Solid	3050B	
240-18544-23	076SB-0104M-0001-SO	T	Solid	3050B	
240-18544-24	076SB-0105M-0001-SO	T	Solid	3050B	
240-18544-25	076SB-0106M-0001-SO	T	Solid	3050B	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 180-59183					
LCS 180-59183/2-A	Lab Control Sample	T	Solid	3050B	
MB 180-59183/1-A	Method Blank	T	Solid	3050B	
240-18544-19	076SB-0100M-0001-SO	T	Solid	3050B	
240-18544-19DU	Duplicate	T	Solid	3050B	
240-18544-19MS	Matrix Spike	T	Solid	3050B	
240-18544-26	076SB-0107M-0001-SO	T	Solid	3050B	
240-18544-27	076SB-0108M-0001-SO	T	Solid	3050B	
240-18544-28	076SB-0109M-0001-SO	T	Solid	3050B	
240-18544-29	076SB-0110M-0001-SO	T	Solid	3050B	
240-18544-30	076SB-0111M-0001-SO	T	Solid	3050B	
240-18544-31	076SB-0112M-0001-SO	T	Solid	3050B	
240-18544-32	076SB-0113M-0001-SO	T	Solid	3050B	
240-18544-33	076SB-0114M-0001-SO	T	Solid	3050B	
240-18544-34	076SB-0115M-0001-SO	T	Solid	3050B	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:180-59603					
LCS 180-59175/2-A	Lab Control Sample	T	Solid	6020/DOD	180-59175
MB 180-59175/1-A	Method Blank	T	Solid	6020/DOD	180-59175
LCS 180-59179/2-A	Lab Control Sample	T	Solid	6020/DOD	180-59179
MB 180-59179/1-A	Method Blank	T	Solid	6020/DOD	180-59179
240-18544-1	072SB-0063-0001-SO	T	Solid	6020/DOD	180-59175
240-18544-1DU	Duplicate	T	Solid	6020/DOD	180-59175
240-18544-1MS	Matrix Spike	T	Solid	6020/DOD	180-59175
240-18544-2	072SB-0064-0001-SO	T	Solid	6020/DOD	180-59175
240-18544-3	072SB-0065-0001-SO	T	Solid	6020/DOD	180-59175
240-18544-4	072SB-0066-0001-SO	T	Solid	6020/DOD	180-59175
240-18544-5	072SB-0067-0001-SO	T	Solid	6020/DOD	180-59175
240-18544-6	072SB-0068-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-7	076SB-0090M-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-7DU	Duplicate	T	Solid	6020/DOD	180-59179
240-18544-7MS	Matrix Spike	T	Solid	6020/DOD	180-59179
240-18544-8	076SB-0091M-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-8MS	Matrix Spike	T	Solid	6020/DOD	180-59179
240-18544-8DUDU	Duplicate	T	Solid	6020/DOD	180-59179
240-18544-10	076SB-0092-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-11	076SB-0093-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-12	076SB-0094-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-13	076SB-0095-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-14	076SB-0096-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-15	076SB-0097-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-16	076SB-0098-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-17	076SB-0099-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-18	076SB-0078-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-20	076SB-0101M-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-21	076SB-0102M-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-22	076SB-0103M-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-23	076SB-0104M-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-24	076SB-0105M-0001-SO	T	Solid	6020/DOD	180-59179
240-18544-25	076SB-0106M-0001-SO	T	Solid	6020/DOD	180-59179

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:180-59694					
LCS 180-59183/2-A	Lab Control Sample	T	Solid	6020/DOD	180-59183
MB 180-59183/1-A	Method Blank	T	Solid	6020/DOD	180-59183
240-18544-19	076SB-0100M-0001-SO	T	Solid	6020/DOD	180-59183
240-18544-19DU	Duplicate	T	Solid	6020/DOD	180-59183
240-18544-19MS	Matrix Spike	T	Solid	6020/DOD	180-59183
240-18544-26	076SB-0107M-0001-SO	T	Solid	6020/DOD	180-59183
240-18544-27	076SB-0108M-0001-SO	T	Solid	6020/DOD	180-59183
240-18544-28	076SB-0109M-0001-SO	T	Solid	6020/DOD	180-59183
240-18544-29	076SB-0110M-0001-SO	T	Solid	6020/DOD	180-59183
240-18544-30	076SB-0111M-0001-SO	T	Solid	6020/DOD	180-59183
240-18544-31	076SB-0112M-0001-SO	T	Solid	6020/DOD	180-59183
240-18544-32	076SB-0113M-0001-SO	T	Solid	6020/DOD	180-59183
240-18544-33	076SB-0114M-0001-SO	T	Solid	6020/DOD	180-59183
240-18544-34	076SB-0115M-0001-SO	T	Solid	6020/DOD	180-59183
Prep Batch: 240-68067					
240-18544-7	076SB-0090M-0001-SO	T	Solid	Increment, Prep	
240-18544-7DU	Duplicate	T	Solid	Increment, Prep	
240-18544-7MS	Matrix Spike	T	Solid	Increment, Prep	
240-18544-8	076SB-0091M-0001-SO	T	Solid	Increment, Prep	
240-18544-8DU	Duplicate	T	Solid	Increment, Prep	
240-18544-8MS	Matrix Spike	T	Solid	Increment, Prep	
240-18544-10	076SB-0092-0001-SO	T	Solid	Increment, Prep	
240-18544-11	076SB-0093-0001-SO	T	Solid	Increment, Prep	
240-18544-12	076SB-0094-0001-SO	T	Solid	Increment, Prep	
240-18544-13	076SB-0095-0001-SO	T	Solid	Increment, Prep	
240-18544-14	076SB-0096-0001-SO	T	Solid	Increment, Prep	
240-18544-15	076SB-0097-0001-SO	T	Solid	Increment, Prep	
240-18544-16	076SB-0098-0001-SO	T	Solid	Increment, Prep	
Prep Batch: 240-68388					
LCS 240-68388/2-A	Lab Control Sample	T	Solid	7471A	
MB 240-68388/1-A	Method Blank	T	Solid	7471A	
240-18544-1	072SB-0063-0001-SO	T	Solid	7471A	
240-18544-1DU	Duplicate	T	Solid	7471A	
240-18544-1MS	Matrix Spike	T	Solid	7471A	
240-18544-2	072SB-0064-0001-SO	T	Solid	7471A	
240-18544-3	072SB-0065-0001-SO	T	Solid	7471A	
240-18544-4	072SB-0066-0001-SO	T	Solid	7471A	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-68436					
240-18544-17	076SB-0099-0001-SO	T	Solid	Increment, Prep	
240-18544-19	076SB-0100M-0001-SO	T	Solid	Increment, Prep	
240-18544-19DU	Duplicate	T	Solid	Increment, Prep	
240-18544-19MS	Matrix Spike	T	Solid	Increment, Prep	
240-18544-20	076SB-0101M-0001-SO	T	Solid	Increment, Prep	
240-18544-21	076SB-0102M-0001-SO	T	Solid	Increment, Prep	
240-18544-22	076SB-0103M-0001-SO	T	Solid	Increment, Prep	
240-18544-23	076SB-0104M-0001-SO	T	Solid	Increment, Prep	
240-18544-24	076SB-0105M-0001-SO	T	Solid	Increment, Prep	
240-18544-25	076SB-0106M-0001-SO	T	Solid	Increment, Prep	
240-18544-26	076SB-0107M-0001-SO	T	Solid	Increment, Prep	
240-18544-27	076SB-0108M-0001-SO	T	Solid	Increment, Prep	
240-18544-28	076SB-0109M-0001-SO	T	Solid	Increment, Prep	
240-18544-29	076SB-0110M-0001-SO	T	Solid	Increment, Prep	
240-18544-30	076SB-0111M-0001-SO	T	Solid	Increment, Prep	
240-18544-31	076SB-0112M-0001-SO	T	Solid	Increment, Prep	
240-18544-32	076SB-0113M-0001-SO	T	Solid	Increment, Prep	
240-18544-33	076SB-0114M-0001-SO	T	Solid	Increment, Prep	
240-18544-34	076SB-0115M-0001-SO	T	Solid	Increment, Prep	
Analysis Batch:240-68700					
LCS 240-68388/2-A	Lab Control Sample	T	Solid	7471/DOD	240-68388
MB 240-68388/1-A	Method Blank	T	Solid	7471/DOD	240-68388
240-18544-1	072SB-0063-0001-SO	T	Solid	7471/DOD	240-68388
240-18544-1DU	Duplicate	T	Solid	7471/DOD	240-68388
240-18544-1MS	Matrix Spike	T	Solid	7471/DOD	240-68388
240-18544-2	072SB-0064-0001-SO	T	Solid	7471/DOD	240-68388
240-18544-3	072SB-0065-0001-SO	T	Solid	7471/DOD	240-68388
240-18544-4	072SB-0066-0001-SO	T	Solid	7471/DOD	240-68388

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-68775					
LCS 240-68775/2-A	Lab Control Sample	T	Solid	7471A	
MB 240-68775/1-A	Method Blank	T	Solid	7471A	
240-18544-5	072SB-0067-0001-SO	T	Solid	7471A	
240-18544-6	072SB-0068-0001-SO	T	Solid	7471A	
240-18544-7	076SB-0090M-0001-SO	T	Solid	7471A	240-68067
240-18544-7DU	Duplicate	T	Solid	7471A	240-68067
240-18544-7MS	Matrix Spike	T	Solid	7471A	240-68067
240-18544-8	076SB-0091M-0001-SO	T	Solid	7471A	240-68067
240-18544-8DU	Duplicate	T	Solid	7471A	240-68067
240-18544-8MS	Matrix Spike	T	Solid	7471A	240-68067
240-18544-10	076SB-0092-0001-SO	T	Solid	7471A	240-68067
240-18544-11	076SB-0093-0001-SO	T	Solid	7471A	240-68067
240-18544-12	076SB-0094-0001-SO	T	Solid	7471A	240-68067
240-18544-13	076SB-0095-0001-SO	T	Solid	7471A	240-68067
240-18544-14	076SB-0096-0001-SO	T	Solid	7471A	240-68067
240-18544-15	076SB-0097-0001-SO	T	Solid	7471A	240-68067
240-18544-16	076SB-0098-0001-SO	T	Solid	7471A	240-68067
240-18544-17	076SB-0099-0001-SO	T	Solid	7471A	240-68436
240-18544-18	076SB-0078-0001-SO	T	Solid	7471A	
240-18544-20	076SB-0101M-0001-SO	T	Solid	7471A	240-68436
240-18544-21	076SB-0102M-0001-SO	T	Solid	7471A	240-68436
240-18544-22	076SB-0103M-0001-SO	T	Solid	7471A	240-68436
240-18544-23	076SB-0104M-0001-SO	T	Solid	7471A	240-68436
240-18544-24	076SB-0105M-0001-SO	T	Solid	7471A	240-68436
240-18544-25	076SB-0106M-0001-SO	T	Solid	7471A	240-68436
Prep Batch: 240-69021					
LCS 240-69021/2-A	Lab Control Sample	T	Solid	7471A	
MB 240-69021/1-A	Method Blank	T	Solid	7471A	
240-18544-19	076SB-0100M-0001-SO	T	Solid	7471A	240-68436
240-18544-19DU	Duplicate	T	Solid	7471A	240-68436
240-18544-19MS	Matrix Spike	T	Solid	7471A	240-68436
240-18544-26	076SB-0107M-0001-SO	T	Solid	7471A	240-68436
240-18544-27	076SB-0108M-0001-SO	T	Solid	7471A	240-68436
240-18544-28	076SB-0109M-0001-SO	T	Solid	7471A	240-68436
240-18544-29	076SB-0110M-0001-SO	T	Solid	7471A	240-68436
240-18544-30	076SB-0111M-0001-SO	T	Solid	7471A	240-68436
240-18544-31	076SB-0112M-0001-SO	T	Solid	7471A	240-68436
240-18544-32	076SB-0113M-0001-SO	T	Solid	7471A	240-68436
240-18544-33	076SB-0114M-0001-SO	T	Solid	7471A	240-68436
240-18544-34	076SB-0115M-0001-SO	T	Solid	7471A	240-68436

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-69127					
LCS 240-68775/2-A	Lab Control Sample	T	Solid	7471/DOD	240-68775
MB 240-68775/1-A	Method Blank	T	Solid	7471/DOD	240-68775
240-18544-5	072SB-0067-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-6	072SB-0068-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-7	076SB-0090M-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-7DU	Duplicate	T	Solid	7471/DOD	240-68775
240-18544-7MS	Matrix Spike	T	Solid	7471/DOD	240-68775
240-18544-8	076SB-0091M-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-8DU	Duplicate	T	Solid	7471/DOD	240-68775
240-18544-8MS	Matrix Spike	T	Solid	7471/DOD	240-68775
240-18544-10	076SB-0092-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-11	076SB-0093-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-12	076SB-0094-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-13	076SB-0095-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-14	076SB-0096-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-15	076SB-0097-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-16	076SB-0098-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-17	076SB-0099-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-18	076SB-0078-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-20	076SB-0101M-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-21	076SB-0102M-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-22	076SB-0103M-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-23	076SB-0104M-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-24	076SB-0105M-0001-SO	T	Solid	7471/DOD	240-68775
240-18544-25	076SB-0106M-0001-SO	T	Solid	7471/DOD	240-68775
Analysis Batch:240-69324					
LCS 240-69021/2-A	Lab Control Sample	T	Solid	7471/DOD	240-69021
MB 240-69021/1-A	Method Blank	T	Solid	7471/DOD	240-69021
240-18544-19	076SB-0100M-0001-SO	T	Solid	7471/DOD	240-69021
240-18544-19DU	Duplicate	T	Solid	7471/DOD	240-69021
240-18544-19MS	Matrix Spike	T	Solid	7471/DOD	240-69021
240-18544-26	076SB-0107M-0001-SO	T	Solid	7471/DOD	240-69021
240-18544-27	076SB-0108M-0001-SO	T	Solid	7471/DOD	240-69021
240-18544-28	076SB-0109M-0001-SO	T	Solid	7471/DOD	240-69021
240-18544-29	076SB-0110M-0001-SO	T	Solid	7471/DOD	240-69021
240-18544-30	076SB-0111M-0001-SO	T	Solid	7471/DOD	240-69021
240-18544-31	076SB-0112M-0001-SO	T	Solid	7471/DOD	240-69021
240-18544-32	076SB-0113M-0001-SO	T	Solid	7471/DOD	240-69021
240-18544-33	076SB-0114M-0001-SO	T	Solid	7471/DOD	240-69021
240-18544-34	076SB-0115M-0001-SO	T	Solid	7471/DOD	240-69021

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-69805					
LCS 240-69805/2-A	Lab Control Sample	T	Solid	7471A	
MB 240-69805/1-A	Method Blank	T	Solid	7471A	
240-18544-38	075TR-0002-0001-SO	T	Solid	7471A	
240-18544-38DU	Duplicate	T	Solid	7471A	
240-18544-38MS	Matrix Spike	T	Solid	7471A	
240-18544-39	075TR-0003-0001-SO	T	Solid	7471A	
240-18544-40	075TR-0004-0001-SO	T	Solid	7471A	
240-18544-41	075TR-0005-0001-SO	T	Solid	7471A	
240-18544-42	075TR-0006-0001-SO	T	Solid	7471A	
240-18544-43	075TR-0007-0001-SO	T	Solid	7471A	
Analysis Batch:240-70191					
LCS 240-69805/2-A	Lab Control Sample	T	Solid	7471/DOD	240-69805
MB 240-69805/1-A	Method Blank	T	Solid	7471/DOD	240-69805
240-18544-38	075TR-0002-0001-SO	T	Solid	7471/DOD	240-69805
240-18544-38DU	Duplicate	T	Solid	7471/DOD	240-69805
240-18544-38MS	Matrix Spike	T	Solid	7471/DOD	240-69805
240-18544-39	075TR-0003-0001-SO	T	Solid	7471/DOD	240-69805
240-18544-40	075TR-0004-0001-SO	T	Solid	7471/DOD	240-69805
240-18544-41	075TR-0005-0001-SO	T	Solid	7471/DOD	240-69805
240-18544-42	075TR-0006-0001-SO	T	Solid	7471/DOD	240-69805
240-18544-43	075TR-0007-0001-SO	T	Solid	7471/DOD	240-69805

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 320-7638					
LCS 320-7571/2-B	Lab Control Sample	T	Solid	353 (NCell-Hyd)	
MB 320-7571/1-B	Method Blank	T	Solid	353 (NCell-Hyd)	
240-18544-3	072SB-0065-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18544-16	076SB-0098-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18544-19	076SB-0100M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18544-19MS	Matrix Spike	T	Solid	353 (NCell-Hyd)	
240-18544-19MSD	Matrix Spike Duplicate	T	Solid	353 (NCell-Hyd)	
240-18544-20	076SB-0101M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18544-21	076SB-0102M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18544-22	076SB-0103M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18544-23	076SB-0104M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18544-24	076SB-0105M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18544-25	076SB-0106M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18544-26	076SB-0107M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18544-27	076SB-0108M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18544-28	076SB-0109M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18544-29	076SB-0110M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18544-31	076SB-0112M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18544-33	076SB-0114M-0001-SO	T	Solid	353 (NCell-Hyd)	
Analysis Batch:320-7756					
LCS 320-7571/2-B	Lab Control Sample	T	Solid	WS-WC-0050	320-7638
MB 320-7571/1-B	Method Blank	T	Solid	WS-WC-0050	320-7638
240-18544-3	072SB-0065-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18544-16	076SB-0098-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18544-19	076SB-0100M-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18544-19MS	Matrix Spike	T	Solid	WS-WC-0050	320-7638
240-18544-19MSD	Matrix Spike Duplicate	T	Solid	WS-WC-0050	320-7638
240-18544-20	076SB-0101M-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18544-21	076SB-0102M-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18544-22	076SB-0103M-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18544-23	076SB-0104M-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18544-24	076SB-0105M-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18544-25	076SB-0106M-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18544-26	076SB-0107M-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18544-27	076SB-0108M-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18544-28	076SB-0109M-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18544-29	076SB-0110M-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18544-31	076SB-0112M-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18544-33	076SB-0114M-0001-SO	T	Solid	WS-WC-0050	320-7638

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-68070					
240-18544-1	072SB-0063-0001-SO	T	Solid	Moisture	
240-18544-1DU	Duplicate	T	Solid	Moisture	
240-18544-2	072SB-0064-0001-SO	T	Solid	Moisture	
240-18544-3	072SB-0065-0001-SO	T	Solid	Moisture	
240-18544-4	072SB-0066-0001-SO	T	Solid	Moisture	
240-18544-5	072SB-0067-0001-SO	T	Solid	Moisture	
240-18544-6	072SB-0068-0001-SO	T	Solid	Moisture	
240-18544-7	076SB-0090M-0001-SO	T	Solid	Moisture	
240-18544-7DU	Duplicate	T	Solid	Moisture	
240-18544-8	076SB-0091M-0001-SO	T	Solid	Moisture	
240-18544-8DU	Duplicate	T	Solid	Moisture	
240-18544-10	076SB-0092-0001-SO	T	Solid	Moisture	
240-18544-11	076SB-0093-0001-SO	T	Solid	Moisture	
240-18544-12	076SB-0094-0001-SO	T	Solid	Moisture	
240-18544-13	076SB-0095-0001-SO	T	Solid	Moisture	
240-18544-14	076SB-0096-0001-SO	T	Solid	Moisture	
240-18544-15	076SB-0097-0001-SO	T	Solid	Moisture	
240-18544-16	076SB-0098-0001-SO	T	Solid	Moisture	
240-18544-17	076SB-0099-0001-SO	T	Solid	Moisture	
240-18544-18	076SB-0078-0001-SO	T	Solid	Moisture	
240-18544-19	076SB-0100M-0001-SO	T	Solid	Moisture	
240-18544-19DU	Duplicate	T	Solid	Moisture	
240-18544-20	076SB-0101M-0001-SO	T	Solid	Moisture	
240-18544-21	076SB-0102M-0001-SO	T	Solid	Moisture	
240-18544-22	076SB-0103M-0001-SO	T	Solid	Moisture	
240-18544-23	076SB-0104M-0001-SO	T	Solid	Moisture	
240-18544-24	076SB-0105M-0001-SO	T	Solid	Moisture	
240-18544-25	076SB-0106M-0001-SO	T	Solid	Moisture	
240-18544-26	076SB-0107M-0001-SO	T	Solid	Moisture	
240-18544-27	076SB-0108M-0001-SO	T	Solid	Moisture	
240-18544-28	076SB-0109M-0001-SO	T	Solid	Moisture	
240-18544-29	076SB-0110M-0001-SO	T	Solid	Moisture	
240-18544-30	076SB-0111M-0001-SO	T	Solid	Moisture	
240-18544-31	076SB-0112M-0001-SO	T	Solid	Moisture	
240-18544-32	076SB-0113M-0001-SO	T	Solid	Moisture	
240-18544-33	076SB-0114M-0001-SO	T	Solid	Moisture	
240-18544-34	076SB-0115M-0001-SO	T	Solid	Moisture	
240-18544-38	075TR-0002-0001-SO	T	Solid	Moisture	
240-18544-39	075TR-0003-0001-SO	T	Solid	Moisture	
240-18544-40	075TR-0004-0001-SO	T	Solid	Moisture	
240-18544-41	075TR-0005-0001-SO	T	Solid	Moisture	
240-18544-42	075TR-0006-0001-SO	T	Solid	Moisture	
240-18544-42DU	Duplicate	T	Solid	Moisture	
240-18544-43	075TR-0007-0001-SO	T	Solid	Moisture	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
HPLC/IC					
Prep Batch: 320-7444					
LCS 320-7444/2-A	Lab Control Sample	T	Solid	8330B	
MB 320-7444/1-A	Method Blank	T	Solid	8330B	
240-18544-3	072SB-0065-0001-SO	T	Solid	8330B	
240-18544-16	076SB-0098-0001-SO	T	Solid	8330B	
240-18544-19	076SB-0100M-0001-SO	T	Solid	8330B	
240-18544-19MS	Matrix Spike	T	Solid	8330B	
240-18544-19MSD	Matrix Spike Duplicate	T	Solid	8330B	
240-18544-20	076SB-0101M-0001-SO	T	Solid	8330B	
240-18544-21	076SB-0102M-0001-SO	T	Solid	8330B	
240-18544-22	076SB-0103M-0001-SO	T	Solid	8330B	
240-18544-23	076SB-0104M-0001-SO	T	Solid	8330B	
240-18544-24	076SB-0105M-0001-SO	T	Solid	8330B	
240-18544-25	076SB-0106M-0001-SO	T	Solid	8330B	
240-18544-26	076SB-0107M-0001-SO	T	Solid	8330B	
240-18544-27	076SB-0108M-0001-SO	T	Solid	8330B	
240-18544-28	076SB-0109M-0001-SO	T	Solid	8330B	
240-18544-29	076SB-0110M-0001-SO	T	Solid	8330B	
240-18544-31	076SB-0112M-0001-SO	T	Solid	8330B	
240-18544-33	076SB-0114M-0001-SO	T	Solid	8330B	
Prep Batch: 320-7464					
LCS 320-7464/2-A	Lab Control Sample	T	Solid	Sieve/Ultrasoni	
MB 320-7464/1-A	Method Blank	T	Solid	Sieve/Ultrasoni	
240-18544-3	072SB-0065-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18544-16	076SB-0098-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18544-19	076SB-0100M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18544-19MS	Matrix Spike	T	Solid	Sieve/Ultrasoni	
240-18544-19MSD	Matrix Spike Duplicate	T	Solid	Sieve/Ultrasoni	
240-18544-20	076SB-0101M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18544-21	076SB-0102M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18544-22	076SB-0103M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18544-23	076SB-0104M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18544-24	076SB-0105M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18544-25	076SB-0106M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18544-26	076SB-0107M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18544-27	076SB-0108M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18544-28	076SB-0109M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18544-29	076SB-0110M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18544-31	076SB-0112M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18544-33	076SB-0114M-0001-SO	T	Solid	Sieve/Ultrasoni	

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
HPLC/IC					
Analysis Batch:320-7620					
LCS 320-7444/2-A	Lab Control Sample	T	Solid	8330B	320-7444
MB 320-7444/1-A	Method Blank	T	Solid	8330B	320-7444
240-18544-3	072SB-0065-0001-SO	T	Solid	8330B	320-7444
240-18544-16	076SB-0098-0001-SO	T	Solid	8330B	320-7444
240-18544-19	076SB-0100M-0001-SO	T	Solid	8330B	320-7444
240-18544-19MS	Matrix Spike	T	Solid	8330B	320-7444
240-18544-19MSD	Matrix Spike Duplicate	T	Solid	8330B	320-7444
240-18544-20	076SB-0101M-0001-SO	T	Solid	8330B	320-7444
240-18544-21	076SB-0102M-0001-SO	T	Solid	8330B	320-7444
240-18544-22	076SB-0103M-0001-SO	T	Solid	8330B	320-7444
240-18544-23	076SB-0104M-0001-SO	T	Solid	8330B	320-7444
240-18544-24	076SB-0105M-0001-SO	T	Solid	8330B	320-7444
240-18544-25	076SB-0106M-0001-SO	T	Solid	8330B	320-7444
240-18544-26	076SB-0107M-0001-SO	T	Solid	8330B	320-7444
240-18544-27	076SB-0108M-0001-SO	T	Solid	8330B	320-7444
240-18544-28	076SB-0109M-0001-SO	T	Solid	8330B	320-7444
240-18544-29	076SB-0110M-0001-SO	T	Solid	8330B	320-7444
240-18544-31	076SB-0112M-0001-SO	T	Solid	8330B	320-7444
240-18544-33	076SB-0114M-0001-SO	T	Solid	8330B	320-7444
Analysis Batch:320-7855					
LCS 320-7464/2-A	Lab Control Sample	T	Solid	8330 Modified	320-7464
MB 320-7464/1-A	Method Blank	T	Solid	8330 Modified	320-7464
240-18544-3	072SB-0065-0001-SO	T	Solid	8330 Modified	320-7464
240-18544-16	076SB-0098-0001-SO	T	Solid	8330 Modified	320-7464
240-18544-19	076SB-0100M-0001-SO	T	Solid	8330 Modified	320-7464
240-18544-19MS	Matrix Spike	T	Solid	8330 Modified	320-7464
240-18544-19MSD	Matrix Spike Duplicate	T	Solid	8330 Modified	320-7464
240-18544-20	076SB-0101M-0001-SO	T	Solid	8330 Modified	320-7464
240-18544-21	076SB-0102M-0001-SO	T	Solid	8330 Modified	320-7464
240-18544-22	076SB-0103M-0001-SO	T	Solid	8330 Modified	320-7464
240-18544-23	076SB-0104M-0001-SO	T	Solid	8330 Modified	320-7464
240-18544-24	076SB-0105M-0001-SO	T	Solid	8330 Modified	320-7464
240-18544-25	076SB-0106M-0001-SO	T	Solid	8330 Modified	320-7464
240-18544-26	076SB-0107M-0001-SO	T	Solid	8330 Modified	320-7464
240-18544-27	076SB-0108M-0001-SO	T	Solid	8330 Modified	320-7464
240-18544-28	076SB-0109M-0001-SO	T	Solid	8330 Modified	320-7464
240-18544-29	076SB-0110M-0001-SO	T	Solid	8330 Modified	320-7464
240-18544-31	076SB-0112M-0001-SO	T	Solid	8330 Modified	320-7464
240-18544-33	076SB-0114M-0001-SO	T	Solid	8330 Modified	320-7464

Client: Environmental Chemical Corp. Job Number: 240-18544-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
HPLC/IC					
Analysis Batch:320-7989					
MB 320-7444/1-A	Method Blank	T	Solid	8330B	320-7444
240-18544-19	076SB-0100M-0001-SO	T	Solid	8330B	320-7444
240-18544-21	076SB-0102M-0001-SO	T	Solid	8330B	320-7444
240-18544-26	076SB-0107M-0001-SO	T	Solid	8330B	320-7444

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-1 **Client ID:** 072SB-0063-0001-SO

Sample Date/Time: 12/06/2012 09:22 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-D-1-A		240-68663	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-D-1-A		240-68663	240-68262	12/14/2012 07:11	1	TAL NC	TL
P:3540C	240-18544-U-1-D		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-U-1-D		240-69932	240-69176	12/23/2012 14:00	1	TAL NC	JG
P:5035	240-18544-B-1-E		240-69142	240-69349	12/07/2012 20:05	1	TAL NC	HMB
A:8015B	240-18544-B-1-E		240-69142	240-69349	12/19/2012 12:19	1	TAL NC	HMB
P:3540C	240-18544-U-1-A		240-69251	240-69020	12/17/2012 13:11	1	TAL NC	SE
A:8015B_DRO/DOD	240-18544-U-1-A		240-69251	240-69020	12/18/2012 16:13	1	TAL NC	DB
P:3050B	240-18544-X-1-A		180-59603	180-59175	12/12/2012 12:22	1	TAL PIT	BR
A:6020/DOD	240-18544-X-1-A		180-59603	180-59175	12/27/2012 16:49	1	TAL PIT	BR
P:7471A	240-18544-V-1-D		240-68700	240-68388	12/12/2012 15:05	1	TAL NC	DE
A:7471/DOD	240-18544-V-1-D		240-68700	240-68388	12/13/2012 20:38	1	TAL NC	DH
A:Moisture	240-18544-T-1		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-1 **Client ID:** 072SB-0063-0001-SO

Sample Date/Time: 12/06/2012 09:22 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-F-1-A MS		240-68663	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-F-1-A MS		240-68663	240-68262	12/14/2012 07:32	1	TAL NC	TL
P:3540C	240-18544-U-1-E MS		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-U-1-E MS		240-69932	240-69176	12/23/2012 14:23	1	TAL NC	JG
P:5035	240-18544-B-1-F MS		240-69142	240-69349	12/07/2012 20:05	1	TAL NC	HMB
A:8015B	240-18544-B-1-F MS		240-69142	240-69349	12/19/2012 12:57	1	TAL NC	HMB
P:3540C	240-18544-U-1-B MS		240-69251	240-69020	12/17/2012 13:11	1	TAL NC	SE
A:8015B_DRO/DOD	240-18544-U-1-B MS		240-69251	240-69020	12/18/2012 16:44	1	TAL NC	DB
P:3050B	240-18544-A-1-E MS		180-59603	180-59175	12/29/2012 08:54	1	TAL PIT	BR
A:6020/DOD	240-18544-A-1-E MS		180-59603	180-59175	12/27/2012 17:02	1	TAL PIT	BR
P:7471A	240-18544-V-1-F MS		240-68700	240-68388	12/12/2012 15:05	1	TAL NC	DE
A:7471/DOD	240-18544-V-1-F MS		240-68700	240-68388	12/13/2012 20:42	1	TAL NC	DH

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-1 **Client ID: 072SB-0063-0001-SO**

Sample Date/Time: 12/06/2012 09:22 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-H-1-A MSD		240-68663	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-H-1-A MSD		240-68663	240-68262	12/14/2012 07:53	1	TAL NC	TL
P:3540C	240-18544-U-1-F MSD		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-U-1-F MSD		240-69932	240-69176	12/23/2012 14:46	1	TAL NC	JG
P:5035	240-18544-B-1-G MSD		240-69142	240-69349	12/07/2012 20:05	1	TAL NC	HMB
A:8015B	240-18544-B-1-G MSD		240-69142	240-69349	12/19/2012 13:35	1	TAL NC	HMB
P:3540C	240-18544-U-1-C MSD		240-69251	240-69020	12/17/2012 13:11	1	TAL NC	SE
A:8015B_DRO/DOD	240-18544-U-1-C MSD		240-69251	240-69020	12/18/2012 17:14	1	TAL NC	DB

Lab ID: 240-18544-1 **Client ID: 072SB-0063-0001-SO**

Sample Date/Time: 12/06/2012 09:22 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-18544-A-1-D DU		180-59603	180-59175	12/29/2012 08:54	1	TAL PIT	BR
A:6020/DOD	240-18544-A-1-D DU		180-59603	180-59175	12/27/2012 16:58	1	TAL PIT	BR
P:7471A	240-18544-V-1-E DU		240-68700	240-68388	12/12/2012 15:05	1	TAL NC	DE
A:7471/DOD	240-18544-V-1-E DU		240-68700	240-68388	12/13/2012 20:39	1	TAL NC	DH
A:Moisture	240-18544-S-1 DU		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-1 SD **Client ID: 072SB-0063-0001-SO**

Sample Date/Time: 12/06/2012 09:22 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-18544-X-1-A SD ^5		180-59603	180-59175	12/12/2012 12:22	5	TAL PIT	BR
A:6020/DOD	240-18544-X-1-A SD ^5		180-59603	180-59175	12/27/2012 16:54	5	TAL PIT	BR
P:3050B	240-18544-X-1-A PDS		180-59603	180-59175	12/12/2012 12:22	1	TAL PIT	BR
A:6020/DOD	240-18544-X-1-A PDS		180-59603	180-59175	12/27/2012 17:26	1	TAL PIT	BR

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-2 **Client ID:** 072SB-0064-0001-SO

Sample Date/Time: 12/06/2012 09:22 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-C-2-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-C-2-A		240-68879	240-68262	12/16/2012 03:44	1	TAL NC	TL
P:3540C	240-18544-H-2-D		240-69977	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-H-2-D		240-69977	240-69176	12/24/2012 17:48	1	TAL NC	JG
P:5035	240-18544-B-2-C		240-69142	240-69349	12/07/2012 20:05	1	TAL NC	HMB
A:8015B	240-18544-B-2-C		240-69142	240-69349	12/19/2012 14:13	1	TAL NC	HMB
P:3540C	240-18544-H-2-C		240-69251	240-69020	12/17/2012 13:11	1	TAL NC	SE
A:8015B_DRO/DOD	240-18544-H-2-C		240-69251	240-69020	12/18/2012 17:44	1	TAL NC	DB
P:3050B	240-18544-I-2-A		180-59603	180-59175	12/12/2012 12:22	1	TAL PIT	BR
A:6020/DOD	240-18544-I-2-A		180-59603	180-59175	12/27/2012 19:12	1	TAL PIT	BR
P:7471A	240-18544-H-2-B		240-68700	240-68388	12/12/2012 15:05	1	TAL NC	DE
A:7471/DOD	240-18544-H-2-B		240-68700	240-68388	12/13/2012 20:52	1	TAL NC	DH
A:Moisture	240-18544-G-2		240-68070		12/10/2012 16:00	1	TAL NC	AM

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-3 **Client ID:** 072SB-0065-0001-SO

Sample Date/Time: 12/06/2012 09:57 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-3-A		240-68830	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-3-A		240-68830	240-68262	12/15/2012 03:13	1	TAL NC	TL
P:3540C	240-18544-H-3-F		240-69977	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-H-3-F		240-69977	240-69176	12/24/2012 18:12	1	TAL NC	JG
P:5035	240-18544-B-3-C		240-69142	240-69349	12/07/2012 20:05	1	TAL NC	HMB
A:8015B	240-18544-B-3-C		240-69142	240-69349	12/19/2012 14:51	1	TAL NC	HMB
P:3540C	240-18544-H-3-E		240-69251	240-69020	12/17/2012 13:11	1	TAL NC	SE
A:8015B_DRO/DOD	240-18544-H-3-E		240-69251	240-69020	12/18/2012 18:15	1	TAL NC	DB
P:3540C	240-18544-H-3-D		240-68628	240-68407	12/12/2012 14:20	1	TAL NC	LH
A:8081/DOD	240-18544-H-3-D		240-68628	240-68407	12/14/2012 08:06	1	TAL NC	CV
P:3540C	240-18544-H-3-C		240-68676	240-68401	12/12/2012 13:49	1	TAL NC	LH
A:8082/DOD	240-18544-H-3-C		240-68676	240-68401	12/14/2012 07:52	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-I-3-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-I-3-B		320-7855	320-7464	12/26/2012 20:29	1	TAL WSC	RN
P:8330B	240-18544-I-3-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-I-3-A		320-7620	320-7444	12/20/2012 08:27	1	TAL WSC	RN
P:3050B	240-18544-J-3-A		180-59603	180-59175	12/12/2012 12:22	1	TAL PIT	BR
A:6020/DOD	240-18544-J-3-A		180-59603	180-59175	12/27/2012 19:32	1	TAL PIT	BR
P:7471A	240-18544-H-3-B		240-68700	240-68388	12/12/2012 15:05	1	TAL NC	DE
A:7471/DOD	240-18544-H-3-B		240-68700	240-68388	12/13/2012 21:24	1	TAL NC	DH
A:Moisture	240-18544-G-3		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-I-3-D		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-I-3-D		320-7756	320-7638	12/20/2012 12:20	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-4 **Client ID: 072SB-0066-0001-SO**

Sample Date/Time: 12/06/2012 10:12 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-C-4-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-C-4-A		240-68879	240-68262	12/16/2012 04:05	1	TAL NC	TL
P:3540C	240-18544-H-4-D		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-H-4-D		240-69932	240-69176	12/23/2012 16:43	1	TAL NC	JG
P:5035	240-18544-B-4-C		240-69142	240-69349	12/07/2012 20:05	1	TAL NC	HMB
A:8015B	240-18544-B-4-C		240-69142	240-69349	12/19/2012 15:29	1	TAL NC	HMB
P:3540C	240-18544-H-4-C		240-69251	240-69020	12/17/2012 13:11	1	TAL NC	SE
A:8015B_DRO/DOD	240-18544-H-4-C		240-69251	240-69020	12/18/2012 18:45	1	TAL NC	DB
P:3050B	240-18544-I-4-A		180-59603	180-59175	12/12/2012 12:22	1	TAL PIT	BR
A:6020/DOD	240-18544-I-4-A		180-59603	180-59175	12/27/2012 19:40	1	TAL PIT	BR
P:7471A	240-18544-H-4-B		240-68700	240-68388	12/12/2012 15:05	1	TAL NC	DE
A:7471/DOD	240-18544-H-4-B		240-68700	240-68388	12/13/2012 20:54	1	TAL NC	DH
A:Moisture	240-18544-G-4		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-5 **Client ID: 072SB-0067-0001-SO**

Sample Date/Time: 12/06/2012 10:20 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-C-5-A		240-68905	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-C-5-A		240-68905	240-68262	12/17/2012 02:46	1	TAL NC	TL
P:3540C	240-18544-H-5-D		240-69932	240-69176	12/18/2012 09:39	4	TAL NC	BM
A:8270C/DoD	240-18544-H-5-D		240-69932	240-69176	12/23/2012 16:20	4	TAL NC	JG
P:5035	240-18544-B-5-B		240-69540	240-69008	12/17/2012 12:29	1	TAL NC	HMB
A:8015B	240-18544-B-5-B		240-69540	240-69008	12/20/2012 22:37	1	TAL NC	HMB
P:3540C	240-18544-H-5-C		240-69475	240-69020	12/17/2012 13:11	10	TAL NC	SE
A:8015B_DRO/DOD	240-18544-H-5-C		240-69475	240-69020	12/19/2012 19:57	10	TAL NC	DB
P:3050B	240-18544-I-5-A		180-59603	180-59175	12/12/2012 12:22	1	TAL PIT	BR
A:6020/DOD	240-18544-I-5-A		180-59603	180-59175	12/27/2012 19:45	1	TAL PIT	BR
P:7471A	240-18544-H-5-B		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-H-5-B		240-69127	240-68775	12/17/2012 17:12	1	TAL NC	DH
A:Moisture	240-18544-G-5		240-68070		12/10/2012 16:00	1	TAL NC	AM

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-6 **Client ID: 072SB-0068-0001-SO**

Sample Date/Time: 12/06/2012 09:28 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-C-6-A		240-68905	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-C-6-A		240-68905	240-68262	12/17/2012 03:07	1	TAL NC	TL
P:3540C	240-18544-H-6-D		240-69977	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-H-6-D		240-69977	240-69176	12/24/2012 18:35	1	TAL NC	JG
P:5035	240-18544-B-6-D		240-69540	240-69629	12/07/2012 20:05	1	TAL NC	HMB
A:8015B	240-18544-B-6-D		240-69540	240-69629	12/20/2012 20:02	1	TAL NC	HMB
P:3540C	240-18544-H-6-C		240-69251	240-69020	12/17/2012 13:11	1	TAL NC	SE
A:8015B_DRO/DOD	240-18544-H-6-C		240-69251	240-69020	12/18/2012 19:45	1	TAL NC	DB
P:3050B	240-18544-I-6-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-I-6-A		180-59603	180-59179	12/27/2012 22:58	1	TAL PIT	BR
P:7471A	240-18544-H-6-B		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-H-6-B		240-69127	240-68775	12/17/2012 17:18	1	TAL NC	DH
A:Moisture	240-18544-G-6		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-7 **Client ID: 076SB-0090M-0001-SO**

Sample Date/Time: 12/06/2012 14:40 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-D-7-A		240-68830	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-D-7-A		240-68830	240-68262	12/15/2012 03:34	1	TAL NC	TL
P:3540C	240-18544-L-7-K		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-L-7-K		240-69932	240-69176	12/23/2012 15:09	1	TAL NC	JG
P:3050B	240-18544-N-7-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-N-7-A		180-59603	180-59179	12/27/2012 20:04	1	TAL PIT	BR
P:7471A	240-18544-L-7-H		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-L-7-H		240-69127	240-68775	12/17/2012 16:49	1	TAL NC	DH
A:Moisture	240-18544-K-7		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-7 **Client ID: 076SB-0090M-0001-SO**

Sample Date/Time: 12/06/2012 14:40 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-F-7-A MS		240-68830	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-F-7-A MS		240-68830	240-68262	12/15/2012 03:55	1	TAL NC	TL
P:3540C	240-18544-L-7-L MS		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-L-7-L MS		240-69932	240-69176	12/23/2012 15:33	1	TAL NC	JG
P:3050B	240-18544-A-7-C MS		180-59603	180-59179	12/29/2012 08:59	1	TAL PIT	BR
A:6020/DOD	240-18544-A-7-C MS		180-59603	180-59179	12/27/2012 20:17	1	TAL PIT	BR
P:7471A	240-18544-L-7-J MS		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-L-7-J MS		240-69127	240-68775	12/17/2012 16:53	1	TAL NC	DH

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-7 **Client ID: 076SB-0090M-0001-SO**

Sample Date/Time: 12/06/2012 14:40 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-H-7-A MSD		240-68830	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-H-7-A MSD		240-68830	240-68262	12/15/2012 04:16	1	TAL NC	TL
P:3540C	240-18544-L-7-M MSD		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-L-7-M MSD		240-69932	240-69176	12/23/2012 15:56	1	TAL NC	JG

Lab ID: 240-18544-7 **Client ID: 076SB-0090M-0001-SO**

Sample Date/Time: 12/06/2012 14:40 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-18544-A-7-B DU		180-59603	180-59179	12/29/2012 08:59	1	TAL PIT	BR
A:6020/DOD	240-18544-A-7-B DU		180-59603	180-59179	12/27/2012 20:13	1	TAL PIT	BR
P:7471A	240-18544-L-7-I DU		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-L-7-I DU		240-69127	240-68775	12/17/2012 16:51	1	TAL NC	DH
A:Moisture	240-18544-J-7 DU		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-7 SD **Client ID: 076SB-0090M-0001-SO**

Sample Date/Time: 12/06/2012 14:40 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-18544-N-7-A SD ^5		180-59603	180-59179	12/14/2012 11:44	5	TAL PIT	BR
A:6020/DOD	240-18544-N-7-A SD ^5		180-59603	180-59179	12/27/2012 20:08	5	TAL PIT	BR
P:3050B	240-18544-N-7-A PDS		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-N-7-A PDS		180-59603	180-59179	12/27/2012 21:23	1	TAL PIT	BR

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-8 **Client ID: 076SB-0091M-0001-SO**

Sample Date/Time: 12/06/2012 14:40 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-D-8-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-D-8-A		240-68879	240-68262	12/15/2012 20:39	1	TAL NC	TL
P:3540C	240-18544-M-8-K		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-M-8-K		240-69932	240-69176	12/23/2012 12:49	1	TAL NC	JG
P:3050B	240-18544-N-8-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-N-8-A		180-59603	180-59179	12/27/2012 20:44	1	TAL PIT	BR
P:7471A	240-18544-M-8-H		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-M-8-H		240-69127	240-68775	12/17/2012 16:55	1	TAL NC	DH
A:Moisture	240-18544-K-8		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-8 **Client ID: 076SB-0091M-0001-SO**

Sample Date/Time: 12/06/2012 14:40 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-F-8-A MS		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-F-8-A MS		240-68879	240-68262	12/15/2012 21:00	1	TAL NC	TL
P:3540C	240-18544-M-8-L MS		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-M-8-L MS		240-69932	240-69176	12/23/2012 13:13	1	TAL NC	JG
P:3050B	240-18544-A-8-C MS		180-59603	180-59179	12/29/2012 08:59	1	TAL PIT	BR
A:6020/DOD	240-18544-A-8-C MS		180-59603	180-59179	12/27/2012 20:57	1	TAL PIT	BR
P:7471A	240-18544-M-8-J MS		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-M-8-J MS		240-69127	240-68775	12/17/2012 16:59	1	TAL NC	DH

Lab ID: 240-18544-8 **Client ID: 076SB-0091M-0001-SO**

Sample Date/Time: 12/06/2012 14:40 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-H-8-A MSD		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-H-8-A MSD		240-68879	240-68262	12/15/2012 21:21	1	TAL NC	TL
P:3540C	240-18544-M-8-M MSD		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-M-8-M MSD		240-69932	240-69176	12/23/2012 13:36	1	TAL NC	JG

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-8DU **Client ID: 076SB-0091M-0002-SO**

Sample Date/Time: 12/06/2012 14:40 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-18544-A-8-B DU		180-59603	180-59179	12/29/2012 08:59	1	TAL PIT	BR
A:6020/DOD	240-18544-A-8-B DU		180-59603	180-59179	12/27/2012 20:53	1	TAL PIT	BR
P:7471A	240-18544-M-8-I DU		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-M-8-I DU		240-69127	240-68775	12/17/2012 16:57	1	TAL NC	DH
A:Moisture	240-18544-J-8 DU		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-8 SD **Client ID: 076SB-0091M-0001-SO**

Sample Date/Time: 12/06/2012 14:40 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-18544-N-8-A SD ^5		180-59603	180-59179	12/14/2012 11:44	5	TAL PIT	BR
A:6020/DOD	240-18544-N-8-A SD ^5		180-59603	180-59179	12/27/2012 20:48	5	TAL PIT	BR
P:3050B	240-18544-N-8-A PDS		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-N-8-A PDS		180-59603	180-59179	12/27/2012 21:17	1	TAL PIT	BR

Lab ID: 240-18544-9 **Client ID: 072SB-0069-0001-TB**

Sample Date/Time: 12/06/2012 08:00 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18544-A-9		240-68395		12/12/2012 17:48	1	TAL NC	LE
A:8260B/DoD	240-18544-A-9		240-68395		12/12/2012 17:48	1	TAL NC	LE

Lab ID: 240-18544-10 **Client ID: 076SB-0092-0001-SO**

Sample Date/Time: 12/06/2012 13:25 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-10-A		240-68830	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-10-A		240-68830	240-68262	12/15/2012 04:38	1	TAL NC	TL
P:3540C	240-18544-E-10-D		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-E-10-D		240-69932	240-69176	12/23/2012 17:06	1	TAL NC	JG
P:3050B	240-18544-F-10-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-F-10-A		180-59603	180-59179	12/27/2012 21:27	1	TAL PIT	BR
P:7471A	240-18544-E-10-C		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-E-10-C		240-69127	240-68775	12/17/2012 17:34	1	TAL NC	DH
A:Moisture	240-18544-D-10		240-68070		12/10/2012 16:00	1	TAL NC	AM

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-11 **Client ID: 076SB-0093-0001-SO**

Sample Date/Time: 12/06/2012 13:25 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-11-A		240-68830	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-11-A		240-68830	240-68262	12/15/2012 04:59	1	TAL NC	TL
P:3540C	240-18544-E-11-G		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-E-11-G		240-69932	240-69176	12/23/2012 17:30	1	TAL NC	JG
P:3050B	240-18544-F-11-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-F-11-A		180-59603	180-59179	12/27/2012 21:32	1	TAL PIT	BR
P:7471A	240-18544-E-11-F		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-E-11-F		240-69127	240-68775	12/17/2012 17:40	1	TAL NC	DH
A:Moisture	240-18544-D-11		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-12 **Client ID: 076SB-0094-0001-SO**

Sample Date/Time: 12/06/2012 13:35 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-12-A		240-68830	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-12-A		240-68830	240-68262	12/15/2012 05:20	1	TAL NC	TL
P:3540C	240-18544-E-12-D		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-E-12-D		240-69932	240-69176	12/23/2012 17:53	1	TAL NC	JG
P:3050B	240-18544-F-12-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-F-12-A		180-59603	180-59179	12/27/2012 21:36	1	TAL PIT	BR
P:7471A	240-18544-E-12-C		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-E-12-C		240-69127	240-68775	12/17/2012 17:10	1	TAL NC	DH
A:Moisture	240-18544-D-12		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-13 **Client ID: 076SB-0095-0001-SO**

Sample Date/Time: 12/06/2012 13:35 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-C-13-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-C-13-A		240-68879	240-68262	12/15/2012 19:56	1	TAL NC	TL
P:3540C	240-18544-E-13-D		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-E-13-D		240-69932	240-69176	12/23/2012 18:16	1	TAL NC	JG
P:3050B	240-18544-F-13-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-F-13-A		180-59603	180-59179	12/27/2012 21:40	1	TAL PIT	BR
P:7471A	240-18544-E-13-C		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-E-13-C		240-69127	240-68775	12/17/2012 17:14	1	TAL NC	DH
A:Moisture	240-18544-D-13		240-68070		12/10/2012 16:00	1	TAL NC	AM

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-14 **Client ID: 076SB-0096-0001-SO**

Sample Date/Time: 12/06/2012 14:08 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-14-A		240-68830	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-14-A		240-68830	240-68262	12/15/2012 06:03	1	TAL NC	TL
P:3540C	240-18544-E-14-D		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-E-14-D		240-69932	240-69176	12/23/2012 18:40	1	TAL NC	JG
P:3050B	240-18544-F-14-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-F-14-A		180-59603	180-59179	12/27/2012 22:00	1	TAL PIT	BR
P:7471A	240-18544-E-14-C		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-E-14-C		240-69127	240-68775	12/17/2012 17:32	1	TAL NC	DH
A:Moisture	240-18544-D-14		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-15 **Client ID: 076SB-0097-0001-SO**

Sample Date/Time: 12/06/2012 14:08 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-15-A		240-68830	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-15-A		240-68830	240-68262	12/15/2012 06:24	1	TAL NC	TL
P:3540C	240-18544-E-15-D		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-E-15-D		240-69932	240-69176	12/23/2012 19:03	1	TAL NC	JG
P:3050B	240-18544-F-15-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-F-15-A		180-59603	180-59179	12/27/2012 22:04	1	TAL PIT	BR
P:7471A	240-18544-E-15-C		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-E-15-C		240-69127	240-68775	12/17/2012 17:26	1	TAL NC	DH
A:Moisture	240-18544-D-15		240-68070		12/10/2012 16:00	1	TAL NC	AM

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-16 **Client ID: 076SB-0098-0001-SO**

Sample Date/Time: 12/06/2012 14:33 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-16-A		240-68830	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-16-A		240-68830	240-68262	12/15/2012 06:45	1	TAL NC	TL
P:3540C	240-18544-E-16-D		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-E-16-D		240-69932	240-69176	12/23/2012 19:27	1	TAL NC	JG
P:3540C	240-18544-E-16-F		240-69512	240-69197	12/18/2012 10:19	1	TAL NC	BM
A:8081/DOD	240-18544-E-16-F		240-69512	240-69197	12/20/2012 16:08	1	TAL NC	CV
P:3540C	240-18544-E-16-E		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-E-16-E		240-69521	240-69187	12/20/2012 15:09	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-F-16-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-F-16-B		320-7855	320-7464	12/26/2012 20:58	1	TAL WSC	RN
P:8330B	240-18544-F-16-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-F-16-A		320-7620	320-7444	12/20/2012 09:48	1	TAL WSC	RN
P:3050B	240-18544-G-16-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-G-16-A		180-59603	180-59179	12/27/2012 22:08	1	TAL PIT	BR
P:7471A	240-18544-E-16-C		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-E-16-C		240-69127	240-68775	12/17/2012 17:03	1	TAL NC	DH
A:Moisture	240-18544-D-16		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-F-16-D		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-F-16-D		320-7756	320-7638	12/20/2012 12:22	1	TAL WSC	JB

Lab ID: 240-18544-16 MS **Client ID: 076SB-0098-0001-SO**

Sample Date/Time: 12/06/2012 14:33 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-18544-E-16-G MS		240-69512	240-69197	12/18/2012 10:19	1	TAL NC	BM
A:8081/DOD	240-18544-E-16-G MS		240-69512	240-69197	12/20/2012 19:39	1	TAL NC	CV

Lab ID: 240-18544-16 MSD **Client ID: 076SB-0098-0001-SO**

Sample Date/Time: 12/06/2012 14:33 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-18544-E-16-H MSD		240-69512	240-69197	12/18/2012 10:19	1	TAL NC	BM
A:8081/DOD	240-18544-E-16-H MSD		240-69512	240-69197	12/20/2012 20:00	1	TAL NC	CV

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-17 **Client ID: 076SB-0099-0001-SO**

Sample Date/Time: 12/06/2012 15:40 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-17-A		240-68830	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-17-A		240-68830	240-68262	12/15/2012 07:06	1	TAL NC	TL
P:3540C	240-18544-E-17-D		240-69977	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	240-18544-E-17-D		240-69977	240-69176	12/24/2012 17:25	1	TAL NC	JG
P:3050B	240-18544-F-17-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-F-17-A		180-59603	180-59179	12/27/2012 22:13	1	TAL PIT	BR
P:7471A	240-18544-E-17-C		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-E-17-C		240-69127	240-68775	12/17/2012 17:24	1	TAL NC	DH
A:Moisture	240-18544-D-17		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-18 **Client ID: 076SB-0078-0001-SO**

Sample Date/Time: 12/06/2012 09:30 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-C-18-A		240-68905	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-C-18-A		240-68905	240-68262	12/17/2012 03:28	1	TAL NC	TL
P:3540C	240-18544-H-18-D		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-H-18-D		240-69977	240-69185	12/24/2012 16:15	1	TAL NC	JG
P:5035	240-18544-B-18-D		240-69540	240-69629	12/07/2012 20:05	1	TAL NC	HMB
A:8015B	240-18544-B-18-D		240-69540	240-69629	12/20/2012 20:42	1	TAL NC	HMB
P:3540C	240-18544-H-18-C		240-69251	240-69020	12/17/2012 13:11	1	TAL NC	SE
A:8015B_DRO/DOD	240-18544-H-18-C		240-69251	240-69020	12/18/2012 20:46	1	TAL NC	DB
P:3050B	240-18544-I-18-B		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-I-18-B		180-59603	180-59179	12/27/2012 23:03	1	TAL PIT	BR
P:7471A	240-18544-H-18-B		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-H-18-B		240-69127	240-68775	12/17/2012 17:16	1	TAL NC	DH
A:Moisture	240-18544-G-18		240-68070		12/10/2012 16:00	1	TAL NC	AM

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-19 **Client ID:** 076SB-0100M-0001-SO

Sample Date/Time: 12/06/2012 15:27 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-D-19-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-D-19-A		240-68879	240-68262	12/15/2012 21:42	1	TAL NC	TL
P:3540C	240-18544-U-19-G		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-U-19-G		240-69977	240-69185	12/24/2012 10:47	1	TAL NC	JG
P:3540C	240-18544-U-19-H		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-U-19-H		240-69521	240-69187	12/20/2012 15:24	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-Y-19-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-Y-19-B		320-7855	320-7464	12/26/2012 21:12	1	TAL WSC	RN
P:8330B	240-18544-Y-19-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-Y-19-A		320-7620	320-7444	12/20/2012 10:28	1	TAL WSC	RN
P:8330B	240-18544-Y-19-A		320-7989	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-Y-19-A		320-7989	320-7444	12/28/2012 16:06	1	TAL WSC	RN
P:3050B	240-18544-Z-19-A		180-59694	180-59183	12/17/2012 12:42	1	TAL PIT	BR
A:6020/DOD	240-18544-Z-19-A		180-59694	180-59183	12/28/2012 23:42	1	TAL PIT	BR
P:7471A	240-18544-U-19-E		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	240-18544-U-19-E		240-69324	240-69021	12/18/2012 11:22	1	TAL NC	DH
A:Moisture	240-18544-S-19		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-X-19-B		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-X-19-B		320-7756	320-7638	12/20/2012 12:24	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: **240-18544-19** **Client ID:** **076SB-0100M-0001-SO**

Sample Date/Time: 12/06/2012 15:27 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-F-19-A MS		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-F-19-A MS		240-68879	240-68262	12/15/2012 22:04	1	TAL NC	TL
P:3540C	240-18544-V-19-E MS		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-V-19-E MS		240-69977	240-69185	12/24/2012 11:11	1	TAL NC	JG
P:3540C	240-18544-V-19-G MS		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-V-19-G MS		240-69521	240-69187	12/20/2012 15:39	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-A-19-D MS		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-A-19-D MS		320-7855	320-7464	12/26/2012 21:26	1	TAL WSC	RN
P:8330B	240-18544-A-19-B MS		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-A-19-B MS		320-7620	320-7444	12/20/2012 11:48	1	TAL WSC	RN
P:3050B	240-18544-A-19-K MS		180-59694	180-59183	12/29/2012 09:02	1	TAL PIT	BR
A:6020/DOD	240-18544-A-19-K MS		180-59694	180-59183	12/28/2012 23:55	1	TAL PIT	BR
P:7471A	240-18544-V-19-D MS		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	240-18544-V-19-D MS		240-69324	240-69021	12/18/2012 11:26	1	TAL NC	DH
P:353 (NCell-Hyd)	240-18544-A-19-H MS		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-A-19-H MS		320-7756	320-7638	12/20/2012 12:34	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-19 **Client ID: 076SB-0100M-0001-SO**

Sample Date/Time: 12/06/2012 15:27 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-H-19-A MSD		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-H-19-A MSD		240-68879	240-68262	12/15/2012 22:25	1	TAL NC	TL
P:3540C	240-18544-V-19-F MSD		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-V-19-F MSD		240-69977	240-69185	12/24/2012 11:34	1	TAL NC	JG
P:3540C	240-18544-V-19-H MSD		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-V-19-H MSD		240-69521	240-69187	12/20/2012 15:54	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-A-19-E MSD		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-A-19-E MSD		320-7855	320-7464	12/26/2012 21:41	1	TAL WSC	RN
P:8330B	240-18544-A-19-C MSD		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-A-19-C MSD		320-7620	320-7444	12/20/2012 12:29	1	TAL WSC	RN
P:353 (NCell-Hyd)	240-18544-A-19-I MSD		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-A-19-I MSD		320-7756	320-7638	12/20/2012 12:36	1	TAL WSC	JB

Lab ID: 240-18544-19 **Client ID: 076SB-0100M-0001-SO**

Sample Date/Time: 12/06/2012 15:27 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-18544-A-19-J DU		180-59694	180-59183	12/29/2012 09:02	1	TAL PIT	BR
A:6020/DOD	240-18544-A-19-J DU		180-59694	180-59183	12/28/2012 23:50	1	TAL PIT	BR
P:7471A	240-18544-U-19-F DU		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	240-18544-U-19-F DU		240-69324	240-69021	12/18/2012 11:24	1	TAL NC	DH
A:Moisture	240-18544-S-19 DU		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-19 SD **Client ID: 076SB-0100M-0001-SO**

Sample Date/Time: 12/06/2012 15:27 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-18544-Z-19-A SD ^5		180-59694	180-59183	12/17/2012 12:42	5	TAL PIT	BR
A:6020/DOD	240-18544-Z-19-A SD ^5		180-59694	180-59183	12/28/2012 23:46	5	TAL PIT	BR
P:3050B	240-18544-Z-19-A PDS		180-59694	180-59183	12/17/2012 12:42	1	TAL PIT	BR
A:6020/DOD	240-18544-Z-19-A PDS		180-59694	180-59183	12/28/2012 23:59	1	TAL PIT	BR

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-20 **Client ID:** 076SB-0101M-0001-SO

Sample Date/Time: 12/06/2012 15:27 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-20-A		240-68830	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-20-A		240-68830	240-68262	12/15/2012 07:28	1	TAL NC	TL
P:3540C	240-18544-E-20-D		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-E-20-D		240-69977	240-69185	12/24/2012 13:54	1	TAL NC	JG
P:3540C	240-18544-E-20-F		240-69512	240-69197	12/18/2012 10:19	1	TAL NC	BM
A:8081/DOD	240-18544-E-20-F		240-69512	240-69197	12/20/2012 16:28	1	TAL NC	CV
P:3540C	240-18544-E-20-E		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-E-20-E		240-69521	240-69187	12/20/2012 16:09	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-F-20-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-F-20-B		320-7855	320-7464	12/26/2012 21:55	1	TAL WSC	RN
P:8330B	240-18544-F-20-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-F-20-A		320-7620	320-7444	12/20/2012 13:09	1	TAL WSC	RN
P:3050B	240-18544-G-20-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-G-20-A		180-59603	180-59179	12/27/2012 22:17	1	TAL PIT	BR
P:7471A	240-18544-E-20-C		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-E-20-C		240-69127	240-68775	12/17/2012 17:38	1	TAL NC	DH
A:Moisture	240-18544-D-20		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-F-20-D		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-F-20-D		320-7756	320-7638	12/20/2012 12:38	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-21 **Client ID: 076SB-0102M-0001-SO**

Sample Date/Time: 12/06/2012 15:45 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-21-A		240-68830	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-21-A		240-68830	240-68262	12/15/2012 07:49	1	TAL NC	TL
P:3540C	240-18544-E-21-D		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-E-21-D		240-69977	240-69185	12/24/2012 13:31	1	TAL NC	JG
P:3540C	240-18544-E-21-E		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-E-21-E		240-69521	240-69187	12/20/2012 16:24	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-F-21-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-F-21-B		320-7855	320-7464	12/26/2012 22:09	1	TAL WSC	RN
P:8330B	240-18544-F-21-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-F-21-A		320-7620	320-7444	12/20/2012 13:49	1	TAL WSC	RN
P:8330B	240-18544-F-21-A		320-7989	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-F-21-A		320-7989	320-7444	12/28/2012 17:11	1	TAL WSC	RN
P:3050B	240-18544-G-21-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-G-21-A		180-59603	180-59179	12/27/2012 22:22	1	TAL PIT	BR
P:7471A	240-18544-E-21-C		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-E-21-C		240-69127	240-68775	12/17/2012 17:08	1	TAL NC	DH
A:Moisture	240-18544-D-21		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-F-21-D		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-F-21-D		320-7756	320-7638	12/20/2012 12:40	1	TAL WSC	JB

Lab ID: 240-18544-22 **Client ID: 076SB-0103M-0001-SO**

Sample Date/Time: 12/06/2012 15:45 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-22-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-22-A		240-68879	240-68262	12/15/2012 22:46	1	TAL NC	TL
P:3540C	240-18544-E-22-D		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-E-22-D		240-69977	240-69185	12/24/2012 13:07	1	TAL NC	JG
P:3540C	240-18544-E-22-E		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-E-22-E		240-69521	240-69187	12/20/2012 16:39	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-F-22-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-F-22-B		320-7855	320-7464	12/26/2012 22:24	1	TAL WSC	RN
P:8330B	240-18544-F-22-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-F-22-A		320-7620	320-7444	12/20/2012 14:29	1	TAL WSC	RN
P:3050B	240-18544-G-22-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-G-22-A		180-59603	180-59179	12/27/2012 22:26	1	TAL PIT	BR
P:7471A	240-18544-E-22-C		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-E-22-C		240-69127	240-68775	12/17/2012 17:20	1	TAL NC	DH
A:Moisture	240-18544-D-22		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-F-22-D		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-F-22-D		320-7756	320-7638	12/20/2012 12:42	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-23 **Client ID: 076SB-0104M-0001-SO**

Sample Date/Time: 12/06/2012 16:35 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-23-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-23-A		240-68879	240-68262	12/15/2012 23:07	1	TAL NC	TL
P:3540C	240-18544-E-23-D		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-E-23-D		240-69977	240-69185	12/24/2012 12:44	1	TAL NC	JG
P:3540C	240-18544-E-23-E		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-E-23-E		240-69521	240-69187	12/20/2012 16:54	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-F-23-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-F-23-B		320-7855	320-7464	12/26/2012 22:38	1	TAL WSC	RN
P:8330B	240-18544-F-23-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-F-23-A		320-7620	320-7444	12/20/2012 15:09	1	TAL WSC	RN
P:3050B	240-18544-G-23-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-G-23-A		180-59603	180-59179	12/27/2012 22:30	1	TAL PIT	BR
P:7471A	240-18544-E-23-C		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-E-23-C		240-69127	240-68775	12/17/2012 17:22	1	TAL NC	DH
A:Moisture	240-18544-D-23		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-F-23-D		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-F-23-D		320-7756	320-7638	12/20/2012 12:44	1	TAL WSC	JB

Lab ID: 240-18544-24 **Client ID: 076SB-0105M-0001-SO**

Sample Date/Time: 12/06/2012 16:35 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-24-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-24-A		240-68879	240-68262	12/15/2012 23:29	1	TAL NC	TL
P:3540C	240-18544-E-24-D		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-E-24-D		240-69977	240-69185	12/24/2012 12:21	1	TAL NC	JG
P:3540C	240-18544-E-24-E		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-E-24-E		240-69521	240-69187	12/20/2012 17:09	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-F-24-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-F-24-B		320-7855	320-7464	12/26/2012 22:53	1	TAL WSC	RN
P:8330B	240-18544-F-24-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-F-24-A		320-7620	320-7444	12/20/2012 15:50	1	TAL WSC	RN
P:3050B	240-18544-G-24-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-G-24-A		180-59603	180-59179	12/27/2012 22:35	1	TAL PIT	BR
P:7471A	240-18544-E-24-C		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-E-24-C		240-69127	240-68775	12/17/2012 17:36	1	TAL NC	DH
A:Moisture	240-18544-D-24		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-F-24-D		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-F-24-D		320-7756	320-7638	12/20/2012 12:46	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: **240-18544-25** **Client ID:** **076SB-0106M-0001-SO**

Sample Date/Time: 12/06/2012 16:25 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-25-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-25-A		240-68879	240-68262	12/15/2012 23:50	1	TAL NC	TL
P:3540C	240-18544-E-25-D		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-E-25-D		240-69977	240-69185	12/24/2012 11:57	1	TAL NC	JG
P:3540C	240-18544-E-25-F	RE	240-70566	240-70267	12/27/2012 11:43	1	TAL NC	SE
A:8270C/DoD	240-18544-E-25-F	RE	240-70566	240-70267	12/29/2012 16:20	1	TAL NC	MU
P:3540C	240-18544-E-25-E		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-E-25-E		240-69521	240-69187	12/20/2012 17:54	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-F-25-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-F-25-B		320-7855	320-7464	12/26/2012 23:07	1	TAL WSC	RN
P:8330B	240-18544-F-25-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-F-25-A		320-7620	320-7444	12/20/2012 17:10	1	TAL WSC	RN
P:3050B	240-18544-G-25-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	240-18544-G-25-A		180-59603	180-59179	12/27/2012 22:39	1	TAL PIT	BR
P:7471A	240-18544-E-25-C		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-18544-E-25-C		240-69127	240-68775	12/17/2012 17:01	1	TAL NC	DH
A:Moisture	240-18544-D-25		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-F-25-D		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-F-25-D		320-7756	320-7638	12/20/2012 12:48	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-26 **Client ID:** 076SB-0107M-0001-SO

Sample Date/Time: 12/06/2012 16:25 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-26-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-26-A		240-68879	240-68262	12/16/2012 00:11	1	TAL NC	TL
P:3540C	240-18544-E-26-D		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-E-26-D		240-69977	240-69185	12/24/2012 14:41	1	TAL NC	JG
P:3540C	240-18544-E-26-E		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-E-26-E		240-69521	240-69187	12/20/2012 18:09	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-F-26-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-F-26-B		320-7855	320-7464	12/26/2012 23:36	1	TAL WSC	RN
P:8330B	240-18544-F-26-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-F-26-A		320-7620	320-7444	12/20/2012 17:51	1	TAL WSC	RN
P:8330B	240-18544-F-26-A		320-7989	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-F-26-A		320-7989	320-7444	12/28/2012 18:17	1	TAL WSC	RN
P:3050B	240-18544-G-26-A		180-59694	180-59183	12/17/2012 12:42	1	TAL PIT	BR
A:6020/DOD	240-18544-G-26-A		180-59694	180-59183	12/29/2012 00:03	1	TAL PIT	BR
P:7471A	240-18544-E-26-C		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	240-18544-E-26-C		240-69324	240-69021	12/18/2012 11:39	1	TAL NC	DH
A:Moisture	240-18544-D-26		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-F-26-D		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-F-26-D		320-7756	320-7638	12/20/2012 12:50	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-27 **Client ID:** 076SB-0108M-0001-SO

Sample Date/Time: 12/06/2012 15:50 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-27-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-27-A		240-68879	240-68262	12/16/2012 00:33	1	TAL NC	TL
P:3540C	240-18544-E-27-D		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-E-27-D		240-69977	240-69185	12/24/2012 14:18	1	TAL NC	JG
P:3540C	240-18544-E-27-F		240-69512	240-69197	12/18/2012 10:19	1	TAL NC	BM
A:8081/DOD	240-18544-E-27-F		240-69512	240-69197	12/20/2012 16:50	1	TAL NC	CV
P:3540C	240-18544-E-27-E		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-E-27-E		240-69521	240-69187	12/20/2012 18:24	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-F-27-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-F-27-B		320-7855	320-7464	12/26/2012 23:50	1	TAL WSC	RN
P:8330B	240-18544-F-27-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-F-27-A		320-7620	320-7444	12/20/2012 18:31	1	TAL WSC	RN
P:3050B	240-18544-G-27-A		180-59694	180-59183	12/17/2012 12:42	1	TAL PIT	BR
A:6020/DOD	240-18544-G-27-A		180-59694	180-59183	12/29/2012 00:08	1	TAL PIT	BR
P:7471A	240-18544-E-27-C		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	240-18544-E-27-C		240-69324	240-69021	12/18/2012 11:41	1	TAL NC	DH
A:Moisture	240-18544-D-27		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-F-27-D		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-F-27-D		320-7756	320-7638	12/20/2012 12:52	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: **240-18544-28** **Client ID:** **076SB-0109M-0001-SO**

Sample Date/Time: 12/06/2012 16:05 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-28-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-28-A		240-68879	240-68262	12/16/2012 00:54	1	TAL NC	TL
P:3540C	240-18544-E-28-D		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-E-28-D		240-69977	240-69185	12/24/2012 15:04	1	TAL NC	JG
P:3540C	240-18544-E-28-F		240-69512	240-69197	12/18/2012 10:19	1	TAL NC	BM
A:8081/DOD	240-18544-E-28-F		240-69512	240-69197	12/20/2012 17:11	1	TAL NC	CV
P:3540C	240-18544-E-28-E		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-E-28-E		240-69521	240-69187	12/20/2012 18:39	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-F-28-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-F-28-B		320-7855	320-7464	12/27/2012 00:04	1	TAL WSC	RN
P:8330B	240-18544-F-28-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-F-28-A		320-7620	320-7444	12/20/2012 19:12	1	TAL WSC	RN
P:3050B	240-18544-G-28-A		180-59694	180-59183	12/17/2012 12:42	1	TAL PIT	BR
A:6020/DOD	240-18544-G-28-A		180-59694	180-59183	12/29/2012 00:12	1	TAL PIT	BR
P:7471A	240-18544-E-28-C		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	240-18544-E-28-C		240-69324	240-69021	12/18/2012 11:59	1	TAL NC	DH
A:Moisture	240-18544-D-28		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-F-28-D		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-F-28-D		320-7756	320-7638	12/20/2012 13:02	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-29 **Client ID: 076SB-0110M-0001-SO**

Sample Date/Time: 12/06/2012 17:04 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-29-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-29-A		240-68879	240-68262	12/16/2012 01:15	1	TAL NC	TL
P:3540C	240-18544-E-29-D		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-E-29-D		240-69977	240-69185	12/24/2012 17:01	1	TAL NC	JG
P:3540C	240-18544-E-29-F		240-69893	240-69197	12/18/2012 10:19	5	TAL NC	BM
A:8081/DOD	240-18544-E-29-F		240-69893	240-69197	12/22/2012 21:42	5	TAL NC	CV
P:3540C	240-18544-E-29-E		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-E-29-E		240-69521	240-69187	12/20/2012 18:54	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-F-29-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-F-29-B		320-7855	320-7464	12/27/2012 00:19	1	TAL WSC	RN
P:8330B	240-18544-F-29-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-F-29-A		320-7620	320-7444	12/20/2012 19:52	1	TAL WSC	RN
P:3050B	240-18544-G-29-A		180-59694	180-59183	12/17/2012 12:42	1	TAL PIT	BR
A:6020/DOD	240-18544-G-29-A		180-59694	180-59183	12/29/2012 00:31	1	TAL PIT	BR
P:7471A	240-18544-E-29-C		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	240-18544-E-29-C		240-69324	240-69021	12/18/2012 11:49	1	TAL NC	DH
A:Moisture	240-18544-D-29		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-F-29-D		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-F-29-D		320-7756	320-7638	12/20/2012 13:04	1	TAL WSC	JB

Lab ID: 240-18544-30 **Client ID: 076SB-0111M-0001-SO**

Sample Date/Time: 12/06/2012 17:04 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-30-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-30-A		240-68879	240-68262	12/16/2012 01:36	1	TAL NC	TL
P:3540C	240-18544-E-30-D		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-E-30-D		240-69977	240-69185	12/24/2012 16:38	1	TAL NC	JG
P:3050B	240-18544-F-30-A		180-59694	180-59183	12/17/2012 12:42	1	TAL PIT	BR
A:6020/DOD	240-18544-F-30-A		180-59694	180-59183	12/29/2012 00:36	1	TAL PIT	BR
P:7471A	240-18544-E-30-C		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	240-18544-E-30-C		240-69324	240-69021	12/18/2012 12:11	1	TAL NC	DH
A:Moisture	240-18544-D-30		240-68070		12/10/2012 16:00	1	TAL NC	AM

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-31 **Client ID: 076SB-0112M-0001-SO**

Sample Date/Time: 12/06/2012 17:25 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-31-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-31-A		240-68879	240-68262	12/16/2012 01:57	1	TAL NC	TL
P:3540C	240-18544-E-31-D		240-70078	240-69185	12/18/2012 10:06	20	TAL NC	BM
A:8270C/DoD	240-18544-E-31-D		240-70078	240-69185	12/26/2012 14:18	20	TAL NC	JG
P:3540C	240-18544-E-31-F		240-69512	240-69197	12/18/2012 10:19	10	TAL NC	BM
A:8081/DOD	240-18544-E-31-F		240-69512	240-69197	12/20/2012 17:52	10	TAL NC	CV
P:3540C	240-18544-E-31-E		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-E-31-E		240-69521	240-69187	12/20/2012 19:09	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-I-31-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-I-31-B		320-7855	320-7464	12/27/2012 00:33	1	TAL WSC	RN
P:8330B	240-18544-I-31-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-I-31-A		320-7620	320-7444	12/20/2012 20:32	1	TAL WSC	RN
P:3050B	240-18544-J-31-A		180-59694	180-59183	12/17/2012 12:42	1	TAL PIT	BR
A:6020/DOD	240-18544-J-31-A		180-59694	180-59183	12/29/2012 00:40	1	TAL PIT	BR
P:7471A	240-18544-E-31-C		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	240-18544-E-31-C		240-69324	240-69021	12/18/2012 11:35	1	TAL NC	DH
A:Moisture	240-18544-D-31		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-I-31-D		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-I-31-D		320-7756	320-7638	12/20/2012 13:06	1	TAL WSC	JB

Lab ID: 240-18544-32 **Client ID: 076SB-0113M-0001-SO**

Sample Date/Time: 12/06/2012 17:25 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-32-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-32-A		240-68879	240-68262	12/16/2012 02:19	1	TAL NC	TL
P:3540C	240-18544-E-32-D		240-70078	240-69185	12/18/2012 10:06	20	TAL NC	BM
A:8270C/DoD	240-18544-E-32-D		240-70078	240-69185	12/26/2012 13:55	20	TAL NC	JG
P:3050B	240-18544-F-32-A		180-59694	180-59183	12/17/2012 12:42	1	TAL PIT	BR
A:6020/DOD	240-18544-F-32-A		180-59694	180-59183	12/29/2012 00:44	1	TAL PIT	BR
P:7471A	240-18544-E-32-C		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	240-18544-E-32-C		240-69324	240-69021	12/18/2012 11:53	1	TAL NC	DH
A:Moisture	240-18544-D-32		240-68070		12/10/2012 16:00	1	TAL NC	AM

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-33 **Client ID: 076SB-0114M-0001-SO**

Sample Date/Time: 12/06/2012 17:35 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-33-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-33-A		240-68879	240-68262	12/16/2012 02:40	1	TAL NC	TL
P:3540C	240-18544-E-33-D		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-E-33-D		240-69977	240-69185	12/24/2012 15:51	1	TAL NC	JG
P:3540C	240-18544-E-33-F		240-69512	240-69197	12/18/2012 10:19	1	TAL NC	BM
A:8081/DOD	240-18544-E-33-F		240-69512	240-69197	12/20/2012 18:35	1	TAL NC	CV
P:3540C	240-18544-E-33-E		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-E-33-E		240-69521	240-69187	12/20/2012 19:24	1	TAL NC	LH
P:Sieve/Ultrasoni	240-18544-F-33-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18544-F-33-B		320-7855	320-7464	12/27/2012 00:47	1	TAL WSC	RN
P:8330B	240-18544-F-33-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18544-F-33-A		320-7620	320-7444	12/20/2012 21:13	1	TAL WSC	RN
P:3050B	240-18544-G-33-A		180-59694	180-59183	12/17/2012 12:42	1	TAL PIT	BR
A:6020/DOD	240-18544-G-33-A		180-59694	180-59183	12/29/2012 00:49	1	TAL PIT	BR
P:7471A	240-18544-E-33-C		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	240-18544-E-33-C		240-69324	240-69021	12/18/2012 12:09	1	TAL NC	DH
A:Moisture	240-18544-D-33		240-68070		12/10/2012 16:00	1	TAL NC	AM
P:353 (NCell-Hyd)	240-18544-F-33-D		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18544-F-33-D		320-7756	320-7638	12/20/2012 13:08	1	TAL WSC	JB

Lab ID: 240-18544-34 **Client ID: 076SB-0115M-0001-SO**

Sample Date/Time: 12/06/2012 17:35 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18544-B-34-A		240-68879	240-68262	12/07/2012 20:05	1	TAL NC	LM
A:8260B/DoD	240-18544-B-34-A		240-68879	240-68262	12/16/2012 03:01	1	TAL NC	TL
P:3540C	240-18544-E-34-D		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	240-18544-E-34-D		240-69977	240-69185	12/24/2012 15:28	1	TAL NC	JG
P:3540C	240-18544-E-34-E		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	240-18544-E-34-E		240-69521	240-69187	12/20/2012 19:39	1	TAL NC	LH
P:3050B	240-18544-F-34-A		180-59694	180-59183	12/17/2012 12:42	1	TAL PIT	BR
A:6020/DOD	240-18544-F-34-A		180-59694	180-59183	12/29/2012 00:53	1	TAL PIT	BR
P:7471A	240-18544-E-34-C		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	240-18544-E-34-C		240-69324	240-69021	12/18/2012 12:05	1	TAL NC	DH
A:Moisture	240-18544-D-34		240-68070		12/10/2012 16:00	1	TAL NC	AM

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-35 **Client ID: 076SB-0116-0001-TB**

Sample Date/Time: 12/06/2012 08:00 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18544-A-35		240-68395		12/12/2012 18:11	1	TAL NC	LE
A:8260B/DoD	240-18544-A-35		240-68395		12/12/2012 18:11	1	TAL NC	LE

Lab ID: 240-18544-36 **Client ID: 076SB-0117-0001-TB**

Sample Date/Time: 12/06/2012 08:00 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18544-B-36		240-68395		12/12/2012 18:34	1	TAL NC	LE
A:8260B/DoD	240-18544-B-36		240-68395		12/12/2012 18:34	1	TAL NC	LE

Lab ID: 240-18544-37 **Client ID: 076SB-0118-0001-TB**

Sample Date/Time: 12/06/2012 08:00 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18544-A-37		240-68395		12/12/2012 18:56	1	TAL NC	LE
A:8260B/DoD	240-18544-A-37		240-68395		12/12/2012 18:56	1	TAL NC	LE

Lab ID: 240-18544-38 **Client ID: 075TR-0002-0001-SO**

Sample Date/Time: 12/06/2012 14:00 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	240-18544-B-38-A		240-70191	240-69805	12/21/2012 14:10	1	TAL NC	DE
A:7471/DOD	240-18544-B-38-A		240-70191	240-69805	12/26/2012 16:53	1	TAL NC	DH
A:Moisture	240-18544-A-38		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-38 MS **Client ID: 075TR-0002-0001-SO**

Sample Date/Time: 12/06/2012 14:00 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	240-18544-B-38-C MS		240-70191	240-69805	12/21/2012 14:10	1	TAL NC	DE
A:7471/DOD	240-18544-B-38-C MS		240-70191	240-69805	12/26/2012 16:57	1	TAL NC	DH

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-38 DU **Client ID: 075TR-0002-0001-SO**

Sample Date/Time: 12/06/2012 14:00 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	240-18544-B-38-B DU		240-70191	240-69805	12/21/2012 14:10	1	TAL NC	DE
A:7471/DOD	240-18544-B-38-B DU		240-70191	240-69805	12/26/2012 16:55	1	TAL NC	DH

Lab ID: 240-18544-39 **Client ID: 075TR-0003-0001-SO**

Sample Date/Time: 12/06/2012 14:00 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	240-18544-B-39-A		240-70191	240-69805	12/21/2012 14:10	1	TAL NC	DE
A:7471/DOD	240-18544-B-39-A		240-70191	240-69805	12/26/2012 17:05	1	TAL NC	DH
A:Moisture	240-18544-A-39		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-40 **Client ID: 075TR-0004-0001-SO**

Sample Date/Time: 12/06/2012 14:10 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	240-18544-B-40-A		240-70191	240-69805	12/21/2012 14:10	1	TAL NC	DE
A:7471/DOD	240-18544-B-40-A		240-70191	240-69805	12/26/2012 17:20	1	TAL NC	DH
A:Moisture	240-18544-A-40		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-41 **Client ID: 075TR-0005-0001-SO**

Sample Date/Time: 12/06/2012 14:20 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	240-18544-B-41-A		240-70191	240-69805	12/21/2012 14:10	1	TAL NC	DE
A:7471/DOD	240-18544-B-41-A		240-70191	240-69805	12/26/2012 17:12	1	TAL NC	DH
A:Moisture	240-18544-A-41		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-42 **Client ID: 075TR-0006-0001-SO**

Sample Date/Time: 12/06/2012 14:30 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	240-18544-B-42-A		240-70191	240-69805	12/21/2012 14:10	1	TAL NC	DE
A:7471/DOD	240-18544-B-42-A		240-70191	240-69805	12/26/2012 17:10	1	TAL NC	DH
A:Moisture	240-18544-A-42		240-68070		12/10/2012 16:00	1	TAL NC	AM

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: 240-18544-42 DU **Client ID:** 075TR-0006-0001-SO

Sample Date/Time: 12/06/2012 14:30 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-18544-A-42 DU		240-68070		12/10/2012 16:00	1	TAL NC	AM

Lab ID: 240-18544-43 **Client ID:** 075TR-0007-0001-SO

Sample Date/Time: 12/06/2012 14:40 Received Date/Time: 12/07/2012 17:55

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	240-18544-B-43-A		240-70191	240-69805	12/21/2012 14:10	1	TAL NC	DE
A:7471/DOD	240-18544-B-43-A		240-70191	240-69805	12/26/2012 17:34	1	TAL NC	DH
A:Moisture	240-18544-A-43		240-68070		12/10/2012 16:00	1	TAL NC	AM

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 240-68395/6		240-68395		12/12/2012 14:01	1	TAL NC	LE
A:8260B/DoD	MB 240-68395/6		240-68395		12/12/2012 14:01	1	TAL NC	LE
A:8260B/DoD	MB 240-68663/7		240-68663		12/14/2012 00:35	1	TAL NC	TL
A:8260B/DoD	MB 240-68830/15		240-68830		12/15/2012 01:54	1	TAL NC	TL
A:8260B/DoD	MB 240-68879/7		240-68879		12/15/2012 19:02	1	TAL NC	TL
A:8260B/DoD	MB 240-68905/7		240-68905		12/17/2012 01:09	1	TAL NC	TL
P:3540C	MB 240-69176/23-A		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	MB 240-69176/23-A		240-69932	240-69176	12/23/2012 11:48	1	TAL NC	JG
P:3540C	MB 240-69185/20-A		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	MB 240-69185/20-A		240-69977	240-69185	12/24/2012 10:01	1	TAL NC	JG
P:3540C	MB 240-70267/23-A		240-70814	240-70267	12/27/2012 11:43	1	TAL NC	SE
A:8270C/DoD	MB 240-70267/23-A		240-70814	240-70267	01/02/2013 12:45	1	TAL NC	MU
A:8015B	MB 240-69142/42		240-69142		12/19/2012 11:03	1	TAL NC	HMB
A:8015B	MB 240-69540/10		240-69540		12/20/2012 15:08	1	TAL NC	HMB
P:5035	MB 240-69008/1-A		240-69540	240-69008	12/17/2012 12:29	1	TAL NC	HMB
A:8015B	MB 240-69008/1-A		240-69540	240-69008	12/20/2012 21:21	1	TAL NC	HMB
P:3540C	MB 240-69020/4-A		240-69251	240-69020	12/17/2012 13:11	1	TAL NC	SE
A:8015B_DRO/DOD	MB 240-69020/4-A		240-69251	240-69020	12/18/2012 15:13	1	TAL NC	DB
P:3540C	MB 240-68407/10-A		240-68628	240-68407	12/12/2012 14:20	1	TAL NC	LH
A:8081/DOD	MB 240-68407/10-A		240-68628	240-68407	12/14/2012 08:33	1	TAL NC	CV
P:3540C	MB 240-69197/10-A		240-69512	240-69197	12/18/2012 10:19	1	TAL NC	BM
A:8081/DOD	MB 240-69197/10-A		240-69512	240-69197	12/20/2012 18:57	1	TAL NC	CV
P:3540C	MB 240-68401/24-A		240-68676	240-68401	12/12/2012 13:49	1	TAL NC	LH
A:8082/DOD	MB 240-68401/24-A		240-68676	240-68401	12/14/2012 08:08	1	TAL NC	LH
P:3540C	MB 240-69187/19-A		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	MB 240-69187/19-A		240-69521	240-69187	12/20/2012 17:24	1	TAL NC	LH
P:Sieve/Ultrasoni	MB 320-7464/1-A		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	MB 320-7464/1-A		320-7855	320-7464	12/26/2012 20:00	1	TAL WSC	RN
P:8330B	MB 320-7444/1-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	MB 320-7444/1-A		320-7620	320-7444	12/20/2012 07:07	1	TAL WSC	RN
P:8330B	MB 320-7444/1-A		320-7989	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	MB 320-7444/1-A		320-7989	320-7444	12/28/2012 15:00	1	TAL WSC	RN
P:3050B	MB 180-59175/1-A		180-59603	180-59175	12/12/2012 12:22	1	TAL PIT	BR
A:6020/DOD	MB 180-59175/1-A		180-59603	180-59175	12/27/2012 16:38	1	TAL PIT	BR
P:3050B	MB 180-59179/1-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	MB 180-59179/1-A		180-59603	180-59179	12/27/2012 19:53	1	TAL PIT	BR
P:3050B	MB 180-59183/1-A		180-59694	180-59183	12/17/2012 12:42	1	TAL PIT	BR
A:6020/DOD	MB 180-59183/1-A		180-59694	180-59183	12/28/2012 23:33	1	TAL PIT	BR
P:7471A	MB 240-68388/1-A		240-68700	240-68388	12/12/2012 15:05	1	TAL NC	DE
A:7471/DOD	MB 240-68388/1-A		240-68700	240-68388	12/13/2012 20:28	1	TAL NC	DH
P:7471A	MB 240-68775/1-A		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	MB 240-68775/1-A		240-69127	240-68775	12/17/2012 16:44	1	TAL NC	DH
P:7471A	MB 240-69021/1-A		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: **MB** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:7471/DOD	MB 240-69021/1-A		240-69324	240-69021	12/18/2012 11:17	1	TAL NC	DH
P:7471A	MB 240-69805/1-A		240-70191	240-69805	12/21/2012 14:10	1	TAL NC	DE
A:7471/DOD	MB 240-69805/1-A		240-70191	240-69805	12/26/2012 16:48	1	TAL NC	DH
P:353 (NCell-Hyd)	MB 320-7571/1-B		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	MB 320-7571/1-B		320-7756	320-7638	12/20/2012 12:16	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 240-68395/5		240-68395		12/12/2012 13:15	1	TAL NC	LE
A:8260B/DoD	LCS 240-68395/5		240-68395		12/12/2012 13:15	1	TAL NC	LE
A:8260B/DoD	LCS 240-68663/6		240-68663		12/14/2012 00:14	1	TAL NC	TL
A:8260B/DoD	LCS 240-68830/13		240-68830		12/15/2012 01:12	1	TAL NC	TL
A:8260B/DoD	LCS 240-68879/6		240-68879		12/15/2012 18:40	1	TAL NC	TL
A:8260B/DoD	LCS 240-68905/6		240-68905		12/17/2012 00:47	1	TAL NC	TL
P:3540C	LCS 240-69176/24-A		240-69932	240-69176	12/18/2012 09:39	1	TAL NC	BM
A:8270C/DoD	LCS 240-69176/24-A		240-69932	240-69176	12/23/2012 12:26	1	TAL NC	JG
P:3540C	LCS 240-69185/21-A		240-69977	240-69185	12/18/2012 10:06	1	TAL NC	BM
A:8270C/DoD	LCS 240-69185/21-A		240-69977	240-69185	12/24/2012 10:24	1	TAL NC	JG
P:3540C	LCS 240-70267/24-A		240-70566	240-70267	12/27/2012 11:43	1	TAL NC	SE
A:8270C/DoD	LCS 240-70267/24-A		240-70566	240-70267	12/29/2012 14:18	1	TAL NC	MU
A:8015B	LCS 240-69142/43		240-69142		12/19/2012 11:41	1	TAL NC	HMB
A:8015B	LCS 240-69540/8		240-69540		12/20/2012 13:51	1	TAL NC	HMB
P:5035	LCS 240-69008/2-A		240-69540	240-69008	12/17/2012 12:29	1	TAL NC	HMB
A:8015B	LCS 240-69008/2-A		240-69540	240-69008	12/20/2012 21:59	1	TAL NC	HMB
P:3540C	LCS 240-69020/24-A		240-69251	240-69020	12/17/2012 13:11	1	TAL NC	SE
A:8015B_DRO/DOD	LCS 240-69020/24-A		240-69251	240-69020	12/18/2012 15:43	1	TAL NC	DB
P:3540C	LCS 240-68407/9-A		240-68628	240-68407	12/12/2012 14:20	1	TAL NC	LH
A:8081/DOD	LCS 240-68407/9-A		240-68628	240-68407	12/14/2012 04:26	1	TAL NC	CV
P:3540C	LCS 240-69197/11-A		240-69512	240-69197	12/18/2012 10:19	1	TAL NC	BM
A:8081/DOD	LCS 240-69197/11-A		240-69512	240-69197	12/20/2012 15:46	1	TAL NC	CV
P:3540C	LCS 240-68401/23-A		240-68676	240-68401	12/12/2012 13:49	1	TAL NC	LH
A:8082/DOD	LCS 240-68401/23-A		240-68676	240-68401	12/14/2012 11:16	1	TAL NC	LH
P:3540C	LCS 240-69187/20-A		240-69521	240-69187	12/18/2012 10:12	1	TAL NC	BM
A:8082/DOD	LCS 240-69187/20-A		240-69521	240-69187	12/20/2012 20:09	1	TAL NC	LH
P:Sieve/Ultrasoni	LCS 320-7464/2-A		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	LCS 320-7464/2-A		320-7855	320-7464	12/26/2012 20:14	1	TAL WSC	RN
P:8330B	LCS 320-7444/2-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	LCS 320-7444/2-A		320-7620	320-7444	12/20/2012 07:47	1	TAL WSC	RN
P:3050B	LCS 180-59175/2-A		180-59603	180-59175	12/12/2012 12:22	1	TAL PIT	BR
A:6020/DOD	LCS 180-59175/2-A		180-59603	180-59175	12/27/2012 16:42	1	TAL PIT	BR
P:3050B	LCS 180-59179/2-A		180-59603	180-59179	12/14/2012 11:44	1	TAL PIT	BR
A:6020/DOD	LCS 180-59179/2-A		180-59603	180-59179	12/27/2012 19:57	1	TAL PIT	BR
P:3050B	LCS 180-59183/2-A		180-59694	180-59183	12/17/2012 12:42	1	TAL PIT	BR
A:6020/DOD	LCS 180-59183/2-A		180-59694	180-59183	12/28/2012 23:37	1	TAL PIT	BR
P:7471A	LCS 240-68388/2-A		240-68700	240-68388	12/12/2012 15:05	1	TAL NC	DE
A:7471/DOD	LCS 240-68388/2-A		240-68700	240-68388	12/13/2012 20:29	1	TAL NC	DH
P:7471A	LCS 240-68775/2-A		240-69127	240-68775	12/14/2012 14:40	1	TAL NC	DE
A:7471/DOD	LCS 240-68775/2-A		240-69127	240-68775	12/17/2012 16:47	1	TAL NC	DH
P:7471A	LCS 240-69021/2-A		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	LCS 240-69021/2-A		240-69324	240-69021	12/18/2012 11:19	1	TAL NC	DH
P:7471A	LCS 240-69805/2-A		240-70191	240-69805	12/21/2012 14:10	1	TAL NC	DE

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: **LCS** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:7471/DOD	LCS 240-69805/2-A		240-70191	240-69805	12/26/2012 16:50	1	TAL NC	DH
P:353 (NCell-Hyd)	LCS 320-7571/2-B		320-7756	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	LCS 320-7571/2-B		320-7756	320-7638	12/20/2012 12:18	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: MRL **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MRL 240-68395/4		240-68395		12/12/2012 12:52	1	TAL NC	LE
A:8260B/DoD	MRL 240-68395/4		240-68395		12/12/2012 12:52	1	TAL NC	LE
P:5030B	MRL 240-68395/22		240-68395		12/12/2012 20:04	1	TAL NC	LE
A:8260B/DoD	MRL 240-68395/22		240-68395		12/12/2012 20:04	1	TAL NC	LE
A:8260B/DoD	MRL 240-68663/5		240-68663		12/13/2012 23:53	1	TAL NC	TL
A:8260B/DoD	MRL 240-68663/32		240-68663		12/14/2012 10:01	1	TAL NC	TL
A:8260B/DoD	MRL 240-68830/14		240-68830		12/15/2012 01:33	1	TAL NC	TL
A:8260B/DoD	MRL 240-68830/33		240-68830		12/15/2012 08:31	1	TAL NC	TL
A:8260B/DoD	MRL 240-68879/5		240-68879		12/15/2012 18:19	1	TAL NC	TL
A:8260B/DoD	MRL 240-68879/33		240-68879		12/16/2012 04:26	1	TAL NC	TL
A:8260B/DoD	MRL 240-68905/5		240-68905		12/17/2012 00:26	1	TAL NC	TL
A:8260B/DoD	MRL 240-68905/33		240-68905		12/17/2012 10:34	1	TAL NC	TL
A:8270C/DoD	MRL 240-69932/3		240-69932		12/23/2012 11:25	1	TAL NC	JG
A:8270C/DoD	MRL 240-69932/24		240-69932		12/23/2012 19:50	1	TAL NC	JG
A:8270C/DoD	MRL 240-69977/3		240-69977		12/24/2012 09:37	1	TAL NC	JG
A:8270C/DoD	MRL 240-69977/27		240-69977		12/24/2012 18:59	1	TAL NC	JG
A:8270C/DoD	MRL 240-70078/3		240-70078		12/26/2012 09:38	1	TAL NC	JG
A:8270C/DoD	MRL 240-70078/16		240-70078		12/26/2012 14:42	1	TAL NC	JG
A:8270C/DoD	MRL 240-70566/3		240-70566		12/29/2012 11:50	1	TAL NC	MU
A:8270C/DoD	MRL 240-70566/13		240-70566		12/29/2012 16:45	1	TAL NC	MU
A:8270C/DoD	MRL 240-70814/11		240-70814		01/02/2013 12:18	1	TAL NC	MU
A:8270C/DoD	MRL 240-70814/13		240-70814		01/02/2013 13:09	1	TAL NC	MU
A:8015B	MRL 240-69142/32		240-69142		12/19/2012 04:46	1	TAL NC	HMB
A:8015B	MRL 240-69142/55		240-69142		12/19/2012 20:02	1	TAL NC	HMB
A:8015B	MRL 240-69540/6		240-69540		12/20/2012 12:35	1	TAL NC	HMB
A:8015B	MRL 240-69540/23		240-69540		12/20/2012 23:54	1	TAL NC	HMB
A:8015B_DRO/DOD	MRL 240-69251/9		240-69251		12/18/2012 14:12	1	TAL NC	DB
A:8015B_DRO/DOD	MRL 240-69251/39		240-69251		12/19/2012 12:22	1	TAL NC	DB
A:8015B_DRO/DOD	MRL 240-69475/4		240-69475		12/19/2012 18:57	1	TAL NC	DB
A:8015B_DRO/DOD	MRL 240-69475/37		240-69475		12/20/2012 11:36	1	TAL NC	DB
A:8081/DOD	MRL 240-68628/7		240-68628		12/14/2012 03:59	1	TAL NC	CV
A:8081/DOD	MRL 240-68628/20		240-68628		12/14/2012 09:55	1	TAL NC	CV
A:8081/DOD	MRL 240-69512/25		240-69512		12/20/2012 15:25	1	TAL NC	CV
A:8081/DOD	MRL 240-69512/41		240-69512		12/20/2012 21:03	1	TAL NC	CV
A:8081/DOD	MRL 240-69893/19		240-69893		12/22/2012 18:51	1	TAL NC	CV
A:8081/DOD	MRL 240-69893/43		240-69893		12/23/2012 04:37	1	TAL NC	CV
A:8082/DOD	MRL 240-68676/10		240-68676		12/14/2012 05:46	1	TAL NC	LH
A:8082/DOD	MRL 240-68676/33		240-68676		12/14/2012 11:48	1	TAL NC	LH
A:8082/DOD	MRL 240-69521/4		240-69521		12/20/2012 14:54	1	TAL NC	LH
A:8082/DOD	MRL 240-69521/27		240-69521		12/20/2012 20:38	1	TAL NC	LH
A:WS-WC-0050	MRL 320-7756/10		320-7756		12/20/2012 12:06	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18544-1

Laboratory Chronicle

Lab ID: **MRL** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:WS-WC-0050	MRL 320-7756/20		320-7756		12/20/2012 12:26	1	TAL WSC	JB
A:WS-WC-0050	MRL 320-7756/34		320-7756		12/20/2012 12:54	1	TAL WSC	JB
A:WS-WC-0050	MRL 320-7756/47		320-7756		12/20/2012 13:20	1	TAL WSC	JB

Lab References:

TAL NC = TestAmerica Canton

TAL PIT = TestAmerica Pittsburgh

TAL WSC = TestAmerica Sacramento

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
EX10PPMSPK_00006	01/25/13	07/25/12	MEOH, Lot 117046	1000 mL	EXPCB1016_00004	2 mL	Aroclor-1016	10 ug/mL
					EXPCB1260_00004	2 mL	Aroclor-1260	10 ug/mL
.EXPCB1016_00004	12/06/15	AccuStandard, Inc., Lot B5120059			(Purchased Reagent)		Aroclor-1016	5000 ug/mL
.EXPCB1260_00004	06/25/13	AccuStandard, Lot B3060258			(Purchased Reagent)		Aroclor-1260	5000 ug/mL
EX2/.2SURRW_00020	05/28/13	11/28/12	MEOH, Lot 123279	2000 mL	EX2/.2SURR_00002	2 mL	DCB Decachlorobiphenyl	0.2 ug/mL
							Tetrachloro-m-xylene	0.2 ug/mL
.EX2/.2SURR_00002	10/01/13	Ultra Scientific, Lot CG-3165			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
EXBNALCS1_00031	06/30/13	12/05/12	MEOH, Lot 123279	200 mL	EXBNALCS_00009	40 mL	1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Dinitrobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,3-Dinitrobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dinitrobenzene	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,3,5,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	40 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL
							3-Nitroaniline	20 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Aniline	20.02 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzoic acid	20 ug/mL
							Benzyl alcohol	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di(2-ethylhexyl)adipate	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20.02 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							Naphthalene	20 ug/mL
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	20 ug/mL
.EXBNALCS_00009	06/30/13		SUPELCO, Lot LB93716		(Purchased Reagent)		1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dinitrobenzene	100 ug/mL
							1-Methylnaphthalene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Aniline	100.1 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di(2-ethylhexyl)adipate	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100.1 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
EXBNASURRW_00021	07/31/15	11/26/12	MEOH, Lot 123279	2000 mL	EXBNASURR_00007	400 mL	2,4,6-Tribromophenol (Surr)	30 ug/mL
							2-Fluorobiphenyl (Surr)	20 ug/mL
							2-Fluorophenol (Surr)	30 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Phenol-d5 (Surr)	30 ug/mL
							Terphenyl-d14 (Surr)	20 ug/mL
.EXBNASURR_00007	07/31/15		SUPELCO, Lot lb88729		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	150 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	150 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	150 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
EXDIESELSPKW_00021	04/30/13	10/31/12	MECL2, Lot 0000018722	100 mL	EXDIESELSPK_00005	5 mL	Diesel	2500 ug/mL
.EXDIESELSPK_00005	02/28/15		ULTRA, Lot CH-0185		(Purchased Reagent)		Diesel	50000 ug/mL
EXPSTNPDESSPW_00011	02/01/13	08/01/12	MEOH, Lot 117046	200 mL	EXPELCSSTOCK_00002	20 mL	4,4'-DDD	1 ug/mL
							4,4'-DDE	1 ug/mL
							4,4'-DDT	1 ug/mL
							Aldrin	1 ug/mL
							alpha-BHC	1 ug/mL
							alpha-Chlordane	1 ug/mL
							beta-BHC	1 ug/mL
							delta-BHC	1 ug/mL
							Dieldrin	1 ug/mL
							Endosulfan I	1 ug/mL
							Endosulfan II	1 ug/mL
							Endosulfan sulfate	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Endrin	1 ug/mL
							Endrin aldehyde	1 ug/mL
							Endrin ketone	1 ug/mL
							gamma-BHC (Lindane)	1 ug/mL
							gamma-Chlordane	1 ug/mL
							Heptachlor	1 ug/mL
							Heptachlor epoxide	1 ug/mL
							Methoxychlor	1 ug/mL
.EXPELCSSTOCK_00002	04/30/13	08/02/11	MEOH, Lot 117046	100 mL	EXPESTSTOCK_00005	1 mL	4,4'-DDD	10 ug/mL
							4,4'-DDE	10 ug/mL
							4,4'-DDT	10 ug/mL
							Aldrin	10 ug/mL
							alpha-BHC	10 ug/mL
							alpha-Chlordane	10 ug/mL
							beta-BHC	10 ug/mL
							delta-BHC	10 ug/mL
							Dieldrin	10 ug/mL
							Endosulfan I	10 ug/mL
							Endosulfan II	10 ug/mL
							Endosulfan sulfate	10 ug/mL
							Endrin	10 ug/mL
							Endrin aldehyde	10 ug/mL
							Endrin ketone	10 ug/mL
							gamma-BHC (Lindane)	10 ug/mL
							gamma-Chlordane	10 ug/mL
							Heptachlor	10 ug/mL
							Heptachlor epoxide	10 ug/mL
							Methoxychlor	10 ug/mL
..EXPESTSTOCK_00005	04/30/13		ULTRA, Lot CH-0689		(Purchased Reagent)		4,4'-DDD	1000 ug/mL
							4,4'-DDE	1000 ug/mL
							4,4'-DDT	1000 ug/mL
							Aldrin	1000 ug/mL
							alpha-BHC	1000 ug/mL
							alpha-Chlordane	1000 ug/mL
							beta-BHC	1000 ug/mL
							delta-BHC	1000 ug/mL
							Dieldrin	1000 ug/mL
							Endosulfan I	1000 ug/mL
							Endosulfan II	1000 ug/mL
							Endosulfan sulfate	1000 ug/mL
							Endrin	1000 ug/mL
							Endrin aldehyde	1000 ug/mL
							Endrin ketone	1000 ug/mL
							gamma-BHC (Lindane)	1000 ug/mL
							gamma-Chlordane	1000 ug/mL
							Heptachlor	1000 ug/mL
							Heptachlor epoxide	1000 ug/mL
							Methoxychlor	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
EXRESTEKSPKW_00017	12/20/12	12/04/12	MEOH, Lot 123279	200 mL	EXBNARESSPK_00006	40 mL	1,1'-Biphenyl	20 ug/mL
							1,4-Dioxane	20 ug/mL
							2-Picoline	20 ug/mL
							Acetophenone	20 ug/mL
							Atrazine	20 ug/mL
							Benzaldehyde	20 ug/mL
							Caprolactam	20 ug/mL
							Chloroacetophenone	20 ug/mL
							Chlorobenzilate	20 ug/mL
							Ethyl methanesulfonate	20 ug/mL
							Phenacetin	20 ug/mL
							Phorate	20 ug/mL
							Pronamide	20 ug/mL
							Quinoline	20 ug/mL
							Safrole, Total	20 ug/mL
.EXBNARESSPK_00006	12/13/13	Restek, Lot A089172			(Purchased Reagent)		1,1'-Biphenyl	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2-Picoline	100 ug/mL
							Acetophenone	100 ug/mL
							Atrazine	100 ug/mL
							Benzaldehyde	100 ug/mL
							Caprolactam	100 ug/mL
							Chloroacetophenone	100 ug/mL
							Chlorobenzilate	100 ug/mL
							Ethyl methanesulfonate	100 ug/mL
							Phenacetin	100 ug/mL
							Phorate	100 ug/mL
							Pronamide	100 ug/mL
							Quinoline	100 ug/mL
							Safrole, Total	100 ug/mL
EXTPHSURR_00016	04/30/13	10/31/12	MECL2, Lot 0000018772	1000 mL	EXTPHSTOCK_00006	5 mL	n-Nonane	500 ug/mL
.EXTPHSTOCK_00006	06/05/13	06/05/12	MECL2, Lot L12E15	50 mL	EXNONANE_00002	5 g	n-Nonane	100000 ug/g
..EXNONANE_00002	06/04/14	Sigma-Aldrich, Lot STBC5938V			(Purchased Reagent)		n-Nonane	1000000 ug/g
MTAQUAREGIA_00409	12/11/12	12/11/12	NA, Lot NA	360 mL	MTHCL_00049	270 mL	Hydrogen Chloride	0.75 mL/mL
					MTHNO3_00038	90 mL	Nitric acid	0.25 mL/mL
.MTHCL_00049	12/03/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
.MTHNO3_00038	11/28/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTAQUAREGIA_00410	12/12/12	12/12/12	NA, Lot NA	320 mL	MTHCL_00049	240 mL	Hydrogen Chloride	0.75 mL/mL
					MTHNO3_00038	80 mL	Nitric acid	0.25 mL/mL
.MTHCL_00049	12/03/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
.MTHNO3_00038	11/28/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTAQUAREGIA_00412	12/14/12	12/14/12	NA, Lot NA	400 mL	MTHCL_00049	300 mL	Hydrogen Chloride	0.75 mL/mL
					MTHNO3_00038	100 mL	Nitric acid	0.25 mL/mL
.MTHCL_00049	12/03/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
.MTHNO3_00038	11/28/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTAQUAREGIA_00413	12/17/12	12/17/12	NA, Lot NA	400 mL	MTHCL_00050	300 mL	Hydrogen Chloride	0.75 mL/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MTHNO3_00039	100 mL	Nitric acid	0.25 mL/mL
.MTHCL_00050	12/12/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
.MTHNO3_00039	12/12/14	Macron Chemicals, Lot K47022			(Purchased Reagent)		Nitric acid	100 %
MTAQUAREGIA_00416	12/21/12	12/21/12	NA, Lot NA	320 mL	MTHCL_00050	240 mL	Hydrogen Chloride	0.75 mL/mL
					MTHNO3_00039	80 mL	Nitric acid	0.25 mL/mL
.MTHCL_00050	12/12/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
.MTHNO3_00039	12/12/14	Macron Chemicals, Lot K47022			(Purchased Reagent)		Nitric acid	100 %
MTAQUAREGIA_00417	12/26/12	12/26/12	NA, Lot NA	240 mL	MTHCL_00050	180 mL	Hydrogen Chloride	0.75 mL/mL
					MTHNO3_00039	60 mL	Nitric acid	0.25 mL/mL
.MTHCL_00050	12/12/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
.MTHNO3_00039	12/12/14	Macron Chemicals, Lot K47022			(Purchased Reagent)		Nitric acid	100 %
MTHGCALW_00290	12/12/12	12/12/12	DIWATER, Lot DIWATER	100 mL	MTHGCAL_00006	1 mL	Mercury	100 ug/L
					MTHNO3_00038	0.15 mL	Nitric acid	1500000 ug/L
.MTHGCAL_00006	08/20/13	High Purity, Lot 1221902			(Purchased Reagent)		Mercury	10 ug/mL
.MTHNO3_00038	11/28/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTHGCALW_00292	12/17/12	12/17/12	DIWATER, Lot DIWATER	100 mL	MTHGCAL_00006	1 mL	Mercury	100 ug/L
					MTHNO3_00038	0.15 mL	Nitric acid	1500000 ug/L
.MTHGCAL_00006	08/20/13	High Purity, Lot 1221902			(Purchased Reagent)		Mercury	10 ug/mL
.MTHNO3_00038	11/28/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTHGCALW_00294	12/26/12	12/26/12	DIWATER, Lot DIWATER	100 mL	MTHGCAL_00006	1 mL	Mercury	100 ug/L
					MTHNO3_00039	0.15 mL	Nitric acid	1500000 ug/L
.MTHGCAL_00006	08/20/13	High Purity, Lot 1221902			(Purchased Reagent)		Mercury	10 ug/mL
.MTHNO3_00039	12/12/14	Macron Chemicals, Lot K47022			(Purchased Reagent)		Nitric acid	100 %
MTHGICVW_00447	12/12/12	12/12/12	DIWATER, Lot DIWATER	100 mL	MTHgStd_00007	1 mL	Mercury	500 ug/L
					MTHNO3_00038	0.15 mL	Nitric acid	1500000 ug/L
.MTHgStd_00007	02/16/14	CPI, Lot 10E072			(Purchased Reagent)		Mercury	50 ug/mL
.MTHNO3_00038	11/28/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTHGICVW_00449	12/14/12	12/14/12	DIWATER, Lot DIWATER	100 mL	MTHgStd_00007	1 mL	Mercury	500 ug/L
					MTHNO3_00038	0.15 mL	Nitric acid	1500000 ug/L
.MTHgStd_00007	02/16/14	CPI, Lot 10E072			(Purchased Reagent)		Mercury	50 ug/mL
.MTHNO3_00038	11/28/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTHGICVW_00450	12/17/12	12/17/12	DIWATER, Lot DIWATER	100 mL	MTHgStd_00007	1 mL	Mercury	500 ug/L
					MTHNO3_00038	0.15 mL	Nitric acid	1500000 ug/L
.MTHgStd_00007	02/16/14	CPI, Lot 10E072			(Purchased Reagent)		Mercury	50 ug/mL
.MTHNO3_00038	11/28/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTHGICVW_00454	12/21/12	12/21/12	DIWATER, Lot DIWATER	100 mL	MTHgStd_00007	1 mL	Mercury	500 ug/L
					MTHNO3_00038	0.15 mL	Nitric acid	1500000 ug/L
.MTHgStd_00007	02/16/14	CPI, Lot 10E072			(Purchased Reagent)		Mercury	50 ug/mL
.MTHNO3_00038	11/28/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTHGICVW_00455	12/26/12	12/26/12	DIWATER, Lot DIWATER	100 mL	MTHgStd_00007	1 mL	Mercury	500 ug/L
					MTHNO3_00039	0.15 mL	Nitric acid	1500000 ug/L
.MTHgStd_00007	02/16/14	CPI, Lot 10E072			(Purchased Reagent)		Mercury	50 ug/mL
.MTHNO3_00039	12/12/14	Macron Chemicals, Lot K47022			(Purchased Reagent)		Nitric acid	100 %
MTKMnO4Liq_00008	10/31/14	Ricca Chemical Company, Lot 2211028			(Purchased Reagent)		Potassium Permanganate	1 g

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MTKMnO4Liq_00009	11/30/14	Ricca Chemical Company, Lot 2212081			(Purchased Reagent)		Potassium Permanganate	1 g
MTKMnO4Liq_00010	11/30/14	Ricca Chemical Company, Lot 2212081			(Purchased Reagent)		Potassium Permanganate	1 g
SG 1660 ICV_00003	07/03/13	07/03/12	HEXANE, Lot K42e19	10 mL	SG 1016 ICV_00004	1 mL	Aroclor-1016	10 ug/mL
					SG 1260 ICV_00005	1 mL	Aroclor-1260	10 ug/mL
.SG 1016 ICV_00004	03/31/17	ULTRA, Lot CF-0785			(Purchased Reagent)		Aroclor-1016	100 ug/mL
.SG 1260 ICV_00005	12/31/14	ULTRA, Lot CC-3829			(Purchased Reagent)		Aroclor-1260	100 ug/mL
SG1221ICV_00006	08/27/13	08/27/12	HEXANE, Lot L03E01	10 mL	SG 1221 ICV_00003	1 mL	Aroclor-1221	10000 ug/L
.SG 1221 ICV_00003	12/31/14	Ultra Scientific, Lot CB-1791z			(Purchased Reagent)		Aroclor-1221	100 ug/mL
SG1232@0.05PP_00005	12/05/12	06/05/12	HEXANE, Lot J42E19	100 mL	SG1232@10ppm_00002	0.5 mL	PCB-1232 Peak 1	0.05 ug/mL
							PCB-1232 Peak 2	0.05 ug/mL
							PCB-1232 Peak 3	0.05 ug/mL
							PCB-1232 Peak 4	0.05 ug/mL
							PCB-1232 Peak 5	0.05 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14	restek, Lot a052599			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@0.1PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42E19	100 mL	SG1232@10ppm_00002	1 mL	PCB-1232 Peak 1	0.1 ug/mL
							PCB-1232 Peak 2	0.1 ug/mL
							PCB-1232 Peak 3	0.1 ug/mL
							PCB-1232 Peak 4	0.1 ug/mL
							PCB-1232 Peak 5	0.1 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14	restek, Lot a052599			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@0.2PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42e19	100 mL	SG1232@10ppm_00002	2 mL	PCB-1232 Peak 1	0.2 ug/mL
							PCB-1232 Peak 2	0.2 ug/mL
							PCB-1232 Peak 3	0.2 ug/mL
							PCB-1232 Peak 4	0.2 ug/mL
							PCB-1232 Peak 5	0.2 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@0.5PPM_00008	12/08/12	07/12/12	HEXANE, Lot K42e19	100 mL	SG1232@10ppm_00002	5 mL	PCB-1232 Peak 1	0.5 ug/mL
							PCB-1232 Peak 2	0.5 ug/mL
							PCB-1232 Peak 3	0.5 ug/mL
							PCB-1232 Peak 4	0.5 ug/mL
							PCB-1232 Peak 5	0.5 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@1.0PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42E19	100 mL	SG1232@10ppm_00002	10 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@2.0PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42E19	100 mL	SG1232@10ppm_00002	20 mL	PCB-1232 Peak 1	2 ug/mL
							PCB-1232 Peak 2	2 ug/mL
							PCB-1232 Peak 3	2 ug/mL
							PCB-1232 Peak 4	2 ug/mL
							PCB-1232 Peak 5	2 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232ICV_00003	05/16/13	05/16/12	HEXANE, Lot K42E19	10 mL	SG 1232 ICV_00003	1 mL	Aroclor-1232	10 ug/mL
.SG 1232 ICV_00003	10/31/14		Ultra Scientific, Lot CG-3213		(Purchased Reagent)		Aroclor-1232	100 ug/mL
SG1242@.05ppm_00004	01/03/13	07/03/12	HEXANE, Lot k142e19	100 mL	SG1242@10ppm_00002	0.5 mL	PCB-1242 Peak 1	0.05 ug/mL
							PCB-1242 Peak 2	0.05 ug/mL
							PCB-1242 Peak 3	0.05 ug/mL
							PCB-1242 Peak 4	0.05 ug/mL
							PCB-1242 Peak 5	0.05 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@0.1ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	1 mL	PCB-1242 Peak 1	0.1 ug/mL
							PCB-1242 Peak 2	0.1 ug/mL
							PCB-1242 Peak 3	0.1 ug/mL
							PCB-1242 Peak 4	0.1 ug/mL
							PCB-1242 Peak 5	0.1 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@0.2ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	2 mL	PCB-1242 Peak 1	0.2 ug/mL
							PCB-1242 Peak 2	0.2 ug/mL
							PCB-1242 Peak 3	0.2 ug/mL
							PCB-1242 Peak 4	0.2 ug/mL
							PCB-1242 Peak 5	0.2 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@0.5ppm_00006	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	5 mL	PCB-1242 Peak 1	0.5 ug/mL
							PCB-1242 Peak 2	0.5 ug/mL
							PCB-1242 Peak 3	0.5 ug/mL
							PCB-1242 Peak 4	0.5 ug/mL
							PCB-1242 Peak 5	0.5 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@1.0ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	10 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@2.0ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	20 mL	PCB-1242 Peak 1	2 ug/mL
							PCB-1242 Peak 2	2 ug/mL
							PCB-1242 Peak 3	2 ug/mL
							PCB-1242 Peak 4	2 ug/mL
							PCB-1242 Peak 5	2 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242ICV_00003	08/09/13	08/09/12	HEXANE, Lot L08E17	10 mL	SG 1242 ICV_00003	1 mL	Aroclor-1242	10 ug/mL
.SG 1242 ICV_00003	09/30/19		Ultra Scientific, Lot CH-2711		(Purchased Reagent)		Aroclor-1242	100 ug/mL
SG1248@.05ppm_00006	01/04/13	07/04/12	HEXANE, Lot K42E19	100 mL	SG1248@10ppm_00003	0.5 mL	PCB-1248 Peak 1	0.05 ug/mL
							PCB-1248 Peak 2	0.05 ug/mL
							PCB-1248 Peak 3	0.05 ug/mL
							PCB-1248 Peak 4	0.05 ug/mL
							PCB-1248 Peak 5	0.05 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@0.1PPM_00005	01/04/13	07/04/12	HEXANE, Lot k42E19	100 mL	SG1248@10ppm_00003	1 mL	PCB-1248 Peak 1	0.1 ug/mL
							PCB-1248 Peak 2	0.1 ug/mL
							PCB-1248 Peak 3	0.1 ug/mL
							PCB-1248 Peak 4	0.1 ug/mL
							PCB-1248 Peak 5	0.1 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@0.2ppm_00005	01/04/13	07/04/12	HEXANE, Lot K42E19	100 mL	SG1248@10ppm_00003	2 mL	PCB-1248 Peak 1	0.2 ug/mL
							PCB-1248 Peak 2	0.2 ug/mL
							PCB-1248 Peak 3	0.2 ug/mL
							PCB-1248 Peak 4	0.2 ug/mL
							PCB-1248 Peak 5	0.2 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@0.5ppm_00006	01/04/13	07/04/12	HEXANE, Lot K42e19	100 mL	SG1248@10ppm_00003	5 mL	PCB-1248 Peak 1	0.5 ug/mL
							PCB-1248 Peak 2	0.5 ug/mL
							PCB-1248 Peak 3	0.5 ug/mL
							PCB-1248 Peak 4	0.5 ug/mL
							PCB-1248 Peak 5	0.5 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@1.0ppm_00004	01/04/13	07/04/12	HEXANE, Lot K42e19	100 mL	SG1248@10ppm_00003	10 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@2.0ppm_00004	01/04/13	07/04/12	HEXANE, Lot K42e19	100 mL	SG1248@10ppm_00003	20 mL	PCB-1248 Peak 1	2 ug/mL
							PCB-1248 Peak 2	2 ug/mL
							PCB-1248 Peak 3	2 ug/mL
							PCB-1248 Peak 4	2 ug/mL
							PCB-1248 Peak 5	2 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248ICV_00005	02/20/13	02/20/12	HEXANE, Lot K29E03	10 mL	SG 1248 ICV_00003	1 mL	Aroclor-1248	10 ug/mL
.SG 1248 ICV_00003	11/30/19	Ultra Scientific, Lot CH-3256			(Purchased Reagent)		Aroclor-1248	100 ug/mL
SG1254ICV_00004	02/22/13	02/22/12	HEXANE, Lot K29e03	10 mL	SG 1254 ICV_00003	1 mL	Aroclor-1254	10 ug/mL
.SG 1254 ICV_00003	05/31/17	Ultra Scientific, Lot CF-1469			(Purchased Reagent)		Aroclor-1254	100 ug/mL
SG1268@.05ppm_00005	12/19/12	06/19/12	HEXANE, Lot K42e19	100 mL	SG1268@10ppm_00004	0.5 mL	PCB-1268 Peak 1	0.05 ug/mL
							PCB-1268 Peak 2	0.05 ug/mL
							PCB-1268 Peak 3	0.05 ug/mL
							PCB-1268 Peak 4	0.05 ug/mL
							PCB-1268 Peak 5	0.05 ug/mL
.SG1268@10ppm_00004	06/19/13	06/19/12	HEXANE, Lot J42e19	100 uL	SGpcb1268std_00003	1 ug/L	PCB-1268 Peak 1	10 ug/mL
							PCB-1268 Peak 2	10 ug/mL
							PCB-1268 Peak 3	10 ug/mL
							PCB-1268 Peak 4	10 ug/mL
							PCB-1268 Peak 5	10 ug/mL
..SGpcb1268std_00003	04/30/18	ultra, Lot a055668			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
SG1268@.1PPM_00007	12/19/12	06/19/12	HEXANE, Lot K42e19	100 mL	SG1268@10ppm_00004	1 mL	PCB-1268 Peak 1	0.1 ug/mL
							PCB-1268 Peak 2	0.1 ug/mL
							PCB-1268 Peak 3	0.1 ug/mL
							PCB-1268 Peak 4	0.1 ug/mL
							PCB-1268 Peak 5	0.1 ug/mL
.SG1268@10ppm_00004	06/19/13	06/19/12	HEXANE, Lot J42e19	100 uL	SGpcb1268std_00003	1 ug/L	PCB-1268 Peak 1	10 ug/mL
							PCB-1268 Peak 2	10 ug/mL
							PCB-1268 Peak 3	10 ug/mL
							PCB-1268 Peak 4	10 ug/mL
							PCB-1268 Peak 5	10 ug/mL
..SGpcb1268std_00003	04/30/18	ultra, Lot a055668			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
SG1268@0.2ppm_00004	12/19/12	06/19/12	HEXANE, Lot K42E19	100 mL	SG1268@10ppm_00004	2 mL	PCB-1268 Peak 1	0.2 ug/mL
							PCB-1268 Peak 2	0.2 ug/mL
							PCB-1268 Peak 3	0.2 ug/mL
							PCB-1268 Peak 4	0.2 ug/mL
							PCB-1268 Peak 5	0.2 ug/mL
.SG1268@10ppm_00004	06/19/13	06/19/12	HEXANE, Lot J42e19	100 uL	SGpcb1268std_00003	1 ug/L	PCB-1268 Peak 1	10 ug/mL
							PCB-1268 Peak 2	10 ug/mL
							PCB-1268 Peak 3	10 ug/mL
							PCB-1268 Peak 4	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 5	10 ug/mL
..SGpcb1268std_00003	04/30/18		ultra, Lot a055668		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
SG1268@0.5ppm_00004	12/19/12	06/19/12	HEXANE, Lot K42e19	100 mL	SG1268@10ppm_00004	5 mL	PCB-1268 Peak 1	0.5 ug/mL
							PCB-1268 Peak 2	0.5 ug/mL
							PCB-1268 Peak 3	0.5 ug/mL
							PCB-1268 Peak 4	0.5 ug/mL
							PCB-1268 Peak 5	0.5 ug/mL
.SG1268@10ppm_00004	06/19/13	06/19/12	HEXANE, Lot J42e19	100 uL	SGpcb1268std_00003	1 ug/L	PCB-1268 Peak 1	10 ug/mL
							PCB-1268 Peak 2	10 ug/mL
							PCB-1268 Peak 3	10 ug/mL
							PCB-1268 Peak 4	10 ug/mL
							PCB-1268 Peak 5	10 ug/mL
..SGpcb1268std_00003	04/30/18		ultra, Lot a055668		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
SG1268@1.0PPM_00004	12/19/12	06/19/12	HEXANE, Lot K42e19	100 mL	SG1268@10ppm_00004	10 mL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
.SG1268@10ppm_00004	06/19/13	06/19/12	HEXANE, Lot J42e19	100 uL	SGpcb1268std_00003	1 ug/L	PCB-1268 Peak 1	10 ug/mL
							PCB-1268 Peak 2	10 ug/mL
							PCB-1268 Peak 3	10 ug/mL
							PCB-1268 Peak 4	10 ug/mL
							PCB-1268 Peak 5	10 ug/mL
..SGpcb1268std_00003	04/30/18		ultra, Lot a055668		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
SG1268@2.0PPM_00004	12/19/12	06/19/12	HEXANE, Lot K42e19	100 mL	SG1268@10ppm_00004	20 mL	PCB-1268 Peak 1	2 ug/mL
							PCB-1268 Peak 2	2 ug/mL
							PCB-1268 Peak 3	2 ug/mL
							PCB-1268 Peak 4	2 ug/mL
							PCB-1268 Peak 5	2 ug/mL
.SG1268@10ppm_00004	06/19/13	06/19/12	HEXANE, Lot J42e19	100 uL	SGpcb1268std_00003	1 ug/L	PCB-1268 Peak 1	10 ug/mL
							PCB-1268 Peak 2	10 ug/mL
							PCB-1268 Peak 3	10 ug/mL
							PCB-1268 Peak 4	10 ug/mL
							PCB-1268 Peak 5	10 ug/mL
..SGpcb1268std_00003	04/30/18		ultra, Lot a055668		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
SG1660@.05PPM_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	0.5 mL	Aroclor-1016	0.05 ug/mL
							Aroclor-1260	0.05 ug/mL
							PCB-1016 Peak 1	0.05 ug/mL
							PCB-1016 Peak 2	0.05 ug/mL
							PCB-1016 Peak 3	0.05 ug/mL
							PCB-1016 Peak 4	0.05 ug/mL
							PCB-1016 Peak 5	0.05 ug/mL
							PCB-1260 Peak 1	0.05 ug/mL
							PCB-1260 Peak 2	0.05 ug/mL
							PCB-1260 Peak 3	0.05 ug/mL
							PCB-1260 Peak 4	0.05 ug/mL
							PCB-1260 Peak 5	0.05 ug/mL
					SGPCGSURRSTK_00003	0.125 mL	DCB Decachlorobiphenyl	0.0025 ug/mL
							Tetrachloro-m-xylene	0.0025 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	Aroclor-1016	10 ug/mL
							Aroclor-1260	10 ug/mL
							PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18		Restek, Lot a082781		(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
							PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16		restek, Lot a065184		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.2ppm_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	2 mL	PCB-1016 Peak 1	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 2	0.2 ug/mL
							PCB-1016 Peak 3	0.2 ug/mL
							PCB-1016 Peak 4	0.2 ug/mL
							PCB-1016 Peak 5	0.2 ug/mL
							PCB-1260 Peak 1	0.2 ug/mL
							PCB-1260 Peak 2	0.2 ug/mL
							PCB-1260 Peak 3	0.2 ug/mL
							PCB-1260 Peak 4	0.2 ug/mL
							PCB-1260 Peak 5	0.2 ug/mL
					SGPCGSURRSTK_00003	0.5 mL	DCB Decachlorobiphenyl	0.01 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18	Restek, Lot a082781			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16	restek, Lot a065184			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.5PPM_00012	03/03/13	09/03/12	HEXANE, Lot 0000013019	200 mL	SG1016/1260_00005	10 mL	PCB-1016 Peak 1	0.5 ug/mL
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
					SGPCGSURRSTK_00003	2.5 mL	DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18		Restek, Lot a082781		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16		restek, Lot a065184		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.5PPM_00014	05/30/13	12/09/12	HEXANE, Lot 0000017861	200 mL	SG1016/1260_00005	10 mL	Aroclor-1016	0.5 ug/mL
							Aroclor-1260	0.5 ug/mL
							PCB-1016 Peak 1	0.5 ug/mL
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
					SGPCGSURRSTK_00003	2.5 mL	DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	Aroclor-1016	10 ug/mL
							Aroclor-1260	10 ug/mL
							PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18		Restek, Lot a082781		(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
							PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16		restek, Lot a065184		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@1.0PPM_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	10 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
							PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					SGPCGSURRSTK_00003	2.5 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18		Restek, Lot a082781		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16		restek, Lot a065184		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@2.0PPM_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	20 mL	PCB-1016 Peak 1	2 ug/mL
							PCB-1016 Peak 2	2 ug/mL
							PCB-1016 Peak 3	2 ug/mL
							PCB-1016 Peak 4	2 ug/mL
							PCB-1016 Peak 5	2 ug/mL
							PCB-1260 Peak 1	2 ug/mL
							PCB-1260 Peak 2	2 ug/mL
							PCB-1260 Peak 3	2 ug/mL
							PCB-1260 Peak 4	2 ug/mL
							PCB-1260 Peak 5	2 ug/mL
					SGPCGSURRSTK_00003	5 mL	DCB Decachlorobiphenyl	0.1 ug/mL
							Tetrachloro-m-xylene	0.1 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18		Restek, Lot a082781		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16		restek, Lot a065184		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660STD@0.1_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	1 mL	PCB-1016 Peak 1	0.1 ug/mL
							PCB-1016 Peak 2	0.1 ug/mL
							PCB-1016 Peak 3	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added	Analyte	Concentration
							PCB-1016 Peak 4	0.1 ug/mL
							PCB-1016 Peak 5	0.1 ug/mL
							PCB-1260 Peak 1	0.1 ug/mL
							PCB-1260 Peak 2	0.1 ug/mL
							PCB-1260 Peak 3	0.1 ug/mL
							PCB-1260 Peak 4	0.1 ug/mL
							PCB-1260 Peak 5	0.1 ug/mL
					SGPCGSURRSTK_00003	0.25 mL	DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18	Restek, Lot a082781			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16	restek, Lot a065184			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG2154@0.05PP_00003	01/31/13	08/02/12	HEXANE, Lot L08E17	100 mL	SG2154@10ppm_00002	0.5 mL	PCB-1221 Peak 1	0.05 ug/mL
							PCB-1221 Peak 2	0.05 ug/mL
							PCB-1221 Peak 3	0.05 ug/mL
							PCB-1254 Peak 1	0.05 ug/mL
							PCB-1254 Peak 2	0.05 ug/mL
							PCB-1254 Peak 3	0.05 ug/mL
							PCB-1254 Peak 4	0.05 ug/mL
							PCB-1254 Peak 5	0.05 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SG2154@0.2PPM_00004	01/31/13	08/02/12	HEXANE, Lot L08e17	100 mL	SG2154@10ppm_00002	2 mL	PCB-1221 Peak 1	0.2 ug/mL
							PCB-1221 Peak 2	0.2 ug/mL
							PCB-1221 Peak 3	0.2 ug/mL
							PCB-1254 Peak 1	0.2 ug/mL
							PCB-1254 Peak 2	0.2 ug/mL
							PCB-1254 Peak 3	0.2 ug/mL
							PCB-1254 Peak 4	0.2 ug/mL
							PCB-1254 Peak 5	0.2 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SG2154@0.5PPM_00006	01/31/13	08/02/12	HEXANE, Lot L08e17	100 mL	SG2154@10ppm_00002	5 mL	PCB-1221 Peak 1	0.5 ug/mL
							PCB-1221 Peak 2	0.5 ug/mL
							PCB-1221 Peak 3	0.5 ug/mL
							PCB-1254 Peak 1	0.5 ug/mL
							PCB-1254 Peak 2	0.5 ug/mL
							PCB-1254 Peak 3	0.5 ug/mL
							PCB-1254 Peak 4	0.5 ug/mL
							PCB-1254 Peak 5	0.5 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SG2154@1.0PPM_00004	01/31/13	08/02/12	HEXANE, Lot L08E17	100 mL	SG2154@10ppm_00002	10 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
							PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SG2154@2.0PPM_00004	01/31/13	08/02/12	HEXANE, Lot L08E17	100 mL	SG2154@10ppm_00002	20 mL	PCB-1221 Peak 1	2 ug/mL
							PCB-1221 Peak 2	2 ug/mL
							PCB-1221 Peak 3	2 ug/mL
							PCB-1254 Peak 1	2 ug/mL
							PCB-1254 Peak 2	2 ug/mL
							PCB-1254 Peak 3	2 ug/mL
							PCB-1254 Peak 4	2 ug/mL
							PCB-1254 Peak 5	2 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SG2154@0.1PPM_00004	01/31/13	08/02/12	HEXANE, Lot L08E17	100 mL	SG2154@10ppm_00002	1 mL	PCB-1221 Peak 1	0.1 ug/mL
							PCB-1221 Peak 2	0.1 ug/mL
							PCB-1221 Peak 3	0.1 ug/mL
							PCB-1254 Peak 1	0.1 ug/mL
							PCB-1254 Peak 2	0.1 ug/mL
							PCB-1254 Peak 3	0.1 ug/mL
							PCB-1254 Peak 4	0.1 ug/mL
							PCB-1254 Peak 5	0.1 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SGDROCAL_00001	02/14/13	10/12/12	MECL2, Lot 0000010059	100 mL	SGDROCALSTK_00001	1 g	Diesel	10000 ug/mL
					SGDROSURR_00001	1 mL	n-Nonane	1000 ug/mL
.SGDROCALSTK_00001	02/14/13		SCFN, Lot 021412		(Purchased Reagent)		Diesel	1000000 ug/mL
.SGDROSURR_00001	04/12/13	10/12/12	MECL2, Lot 0000010059	10 mL	SGDROSURRSTK_00001	1 mL	n-Nonane	100000 ug/mL
..SGDROSURRSTK_00001	08/20/13		sigma aldrich, Lot TBC5938V		(Purchased Reagent)		n-Nonane	1000000 ug/mL
SGDROICV_00001	04/12/13	10/12/12	MECL2, Lot 0000010059	100 mL	SGDROICVSTK_00001	1 g	Diesel	10000 ug/mL
.SGDROICVSTK_00001	10/05/13		Sheetz Station, Lot Sheetz		(Purchased Reagent)		Diesel	1000000 g
SGPestAB1_00003	03/08/13	09/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	25 uL	4,4'-DDD	0.005 ug/mL
							4,4'-DDE	0.005 ug/mL
							4,4'-DDT	0.005 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Aldrin	0.005 ug/mL
							alpha-BHC	0.005 ug/mL
							alpha-Chlordane	0.005 ug/mL
							beta-BHC	0.005 ug/mL
							delta-BHC	0.005 ug/mL
							Dieldrin	0.005 ug/mL
							Endosulfan I	0.005 ug/mL
							Endosulfan II	0.005 ug/mL
							Endosulfan sulfate	0.005 ug/mL
							Endrin	0.005 ug/mL
							Endrin aldehyde	0.005 ug/mL
							Endrin ketone	0.005 ug/mL
							gamma-BHC (Lindane)	0.005 ug/mL
							gamma-Chlordane	0.005 ug/mL
							Heptachlor	0.005 ug/mL
							Heptachlor epoxide	0.005 ug/mL
							Methoxychlor	0.005 ug/mL
							DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB2_00003	03/07/13	03/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	50 uL	4,4'-DDD	0.01 ug/mL
							4,4'-DDE	0.01 ug/mL
							4,4'-DDT	0.01 ug/mL
							Aldrin	0.01 ug/mL
							alpha-BHC	0.01 ug/mL
							alpha-Chlordane	0.01 ug/mL
							beta-BHC	0.01 ug/mL
							delta-BHC	0.01 ug/mL
							Dieldrin	0.01 ug/mL
							Endosulfan I	0.01 ug/mL
							Endosulfan II	0.01 ug/mL
							Endosulfan sulfate	0.01 ug/mL
							Endrin	0.01 ug/mL
							Endrin aldehyde	0.01 ug/mL
							Endrin ketone	0.01 ug/mL
							gamma-BHC (Lindane)	0.01 ug/mL
							gamma-Chlordane	0.01 ug/mL
							Heptachlor	0.01 ug/mL
							Heptachlor epoxide	0.01 ug/mL
							Methoxychlor	0.01 ug/mL
							DCB Decachlorobiphenyl	0.01 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB3_00004	02/03/13	08/03/12	HEXANE, Lot L08E17	200 mL	SGPESTABST_00003	0.25 mL	4,4'-DDD	0.025 ug/mL
							4,4'-DDE	0.025 ug/mL
							4,4'-DDT	0.025 ug/mL
							Aldrin	0.025 ug/mL
							alpha-BHC	0.025 ug/mL
							alpha-Chlordane	0.025 ug/mL
							beta-BHC	0.025 ug/mL
							delta-BHC	0.025 ug/mL
							Dieldrin	0.025 ug/mL
							Endosulfan I	0.025 ug/mL
							Endosulfan II	0.025 ug/mL
							Endosulfan sulfate	0.025 ug/mL
							Endrin	0.025 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Endrin aldehyde	0.025 ug/mL
							Endrin ketone	0.025 ug/mL
							gamma-BHC (Lindane)	0.025 ug/mL
							gamma-Chlordane	0.025 ug/mL
							Heptachlor	0.025 ug/mL
							Heptachlor epoxide	0.025 ug/mL
							Methoxychlor	0.025 ug/mL
							DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
.SGPESTABST_00003	03/08/13	03/07/12	HEXANE, Lot K29E03	10 mL	SGPESTAB_00004	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00004	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00004	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00004	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB4_00003	03/07/13	03/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	250 uL	4,4'-DDD	0.05 ug/mL
							4,4'-DDE	0.05 ug/mL
							4,4'-DDT	0.05 ug/mL
							Aldrin	0.05 ug/mL
							alpha-BHC	0.05 ug/mL
							alpha-Chlordane	0.05 ug/mL
							beta-BHC	0.05 ug/mL
							delta-BHC	0.05 ug/mL
							Dieldrin	0.05 ug/mL
							Endosulfan I	0.05 ug/mL
							Endosulfan II	0.05 ug/mL
							Endosulfan sulfate	0.05 ug/mL
							Endrin	0.05 ug/mL
							Endrin aldehyde	0.05 ug/mL
							Endrin ketone	0.05 ug/mL
							gamma-BHC (Lindane)	0.05 ug/mL
							gamma-Chlordane	0.05 ug/mL
							Heptachlor	0.05 ug/mL
							Heptachlor epoxide	0.05 ug/mL
							Methoxychlor	0.05 ug/mL
							DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB5_00003	03/07/13	03/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	500 uL	4,4'-DDD	0.1 ug/mL
							4,4'-DDE	0.1 ug/mL
							4,4'-DDT	0.1 ug/mL
							Aldrin	0.1 ug/mL
							alpha-BHC	0.1 ug/mL
							alpha-Chlordane	0.1 ug/mL
							beta-BHC	0.1 ug/mL
							delta-BHC	0.1 ug/mL
							Dieldrin	0.1 ug/mL
							Endosulfan I	0.1 ug/mL
							Endosulfan II	0.1 ug/mL
							Endosulfan sulfate	0.1 ug/mL
							Endrin	0.1 ug/mL
							Endrin aldehyde	0.1 ug/mL
							Endrin ketone	0.1 ug/mL
							gamma-BHC (Lindane)	0.1 ug/mL
							gamma-Chlordane	0.1 ug/mL
							Heptachlor	0.1 ug/mL
							Heptachlor epoxide	0.1 ug/mL
							Methoxychlor	0.1 ug/mL
							DCB Decachlorobiphenyl	0.1 ug/mL
							Tetrachloro-m-xylene	0.1 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB6_00003	03/07/13	03/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	1 mL	4,4'-DDD	0.2 ug/mL
							4,4'-DDE	0.2 ug/mL
							4,4'-DDT	0.2 ug/mL
							Aldrin	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							alpha-BHC	0.2 ug/mL
							alpha-Chlordane	0.2 ug/mL
							beta-BHC	0.2 ug/mL
							delta-BHC	0.2 ug/mL
							Dieldrin	0.2 ug/mL
							Endosulfan I	0.2 ug/mL
							Endosulfan II	0.2 ug/mL
							Endosulfan sulfate	0.2 ug/mL
							Endrin	0.2 ug/mL
							Endrin aldehyde	0.2 ug/mL
							Endrin ketone	0.2 ug/mL
							gamma-BHC (Lindane)	0.2 ug/mL
							gamma-Chlordane	0.2 ug/mL
							Heptachlor	0.2 ug/mL
							Heptachlor epoxide	0.2 ug/mL
							Methoxychlor	0.2 ug/mL
							DCB Decachlorobiphenyl	0.2 ug/mL
							Tetrachloro-m-xylene	0.2 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPESTABCV_00010	01/27/13	08/02/12	HEXANE, Lot L08E19	100 mL	SGPESTABIC_00004	250 uL	4,4'-DDD	0.025 ug/mL
							4,4'-DDE	0.025 ug/mL
							4,4'-DDT	0.025 ug/mL
							Aldrin	0.025 ug/mL
							alpha-BHC	0.025 ug/mL
							alpha-Chlordane	0.025 ug/mL
							beta-BHC	0.025 ug/mL
							delta-BHC	0.025 ug/mL
							Dieldrin	0.025 ug/mL
							Endosulfan I	0.025 ug/mL
							Endosulfan II	0.025 ug/mL
							Endosulfan sulfate	0.025 ug/mL
							Endrin	0.025 ug/mL
							Endrin aldehyde	0.025 ug/mL
							Endrin ketone	0.025 ug/mL
							gamma-BHC (Lindane)	0.025 ug/mL
							gamma-Chlordane	0.025 ug/mL
							Heptachlor	0.025 ug/mL
							Heptachlor epoxide	0.025 ug/mL
							Methoxychlor	0.025 ug/mL
.SGPESTABIC_00004	07/27/13	07/27/12	HEXANE, Lot L08E17	100 mL	SGPESTABIV_00007	1 mL	4,4'-DDD	10 ug/mL
							4,4'-DDE	10 ug/mL
							4,4'-DDT	10 ug/mL
							Aldrin	10 ug/mL
							alpha-BHC	10 ug/mL
							alpha-Chlordane	10 ug/mL
							beta-BHC	10 ug/mL
							delta-BHC	10 ug/mL
							Dieldrin	10 ug/mL
							Endosulfan I	10 ug/mL
							Endosulfan II	10 ug/mL
							Endosulfan sulfate	10 ug/mL
							Endrin	10 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Endrin aldehyde	10 ug/mL
							Endrin ketone	10 ug/mL
							gamma-BHC (Lindane)	10 ug/mL
							gamma-Chlordane	10 ug/mL
							Heptachlor	10 ug/mL
							Heptachlor epoxide	10 ug/mL
							Methoxychlor	10 ug/mL
..SGPESTABIV_00007	12/31/13	Ultra Scientific, Lot CH-3658			(Purchased Reagent)		4,4'-DDD	1000 ug/mL
							4,4'-DDE	1000 ug/mL
							4,4'-DDT	1000 ug/mL
							Aldrin	1000 ug/mL
							alpha-BHC	1000 ug/mL
							alpha-Chlordane	1000 ug/mL
							beta-BHC	1000 ug/mL
							delta-BHC	1000 ug/mL
							Dieldrin	1000 ug/mL
							Endosulfan I	1000 ug/mL
							Endosulfan II	1000 ug/mL
							Endosulfan sulfate	1000 ug/mL
							Endrin	1000 ug/mL
							Endrin aldehyde	1000 ug/mL
							Endrin ketone	1000 ug/mL
							gamma-BHC (Lindane)	1000 ug/mL
							gamma-Chlordane	1000 ug/mL
							Heptachlor	1000 ug/mL
							Heptachlor epoxide	1000 ug/mL
							Methoxychlor	1000 ug/mL
SGPESTPEM_00007	01/11/13	07/14/11	HEXANE, Lot K42E19	100 mL	SGPESTPEMS_00006	1 mL	4,4'-DDT	0.1 ug/mL
							alpha-BHC	0.01 ug/mL
							beta-BHC	0.01 ug/mL
							Endrin	0.05 ug/mL
							gamma-BHC (Lindane)	0.01 ug/mL
							Methoxychlor	0.25 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SGPESTPEMS_00006	02/28/14	Restek, Lot A073209			(Purchased Reagent)		4,4'-DDT	10 ug/mL
							alpha-BHC	1 ug/mL
							beta-BHC	1 ug/mL
							Endrin	5 ug/mL
							gamma-BHC (Lindane)	1 ug/mL
							Methoxychlor	25 ug/mL
							Tetrachloro-m-xylene	1 ug/mL
SGPESTTCST_00002	01/17/13	01/17/12	HEXANE, Lot K14E23	100 mL	SGPESTTC_00002	1 mL	Chlordane (technical)	10 ug/mL
							Chlordane (technical) Peak 1	10 ug/mL
							Chlordane (technical) Peak 2	10 ug/mL
							Chlordane (technical) Peak 3	10 ug/mL
							Chlordane (technical) Peak 4	10 ug/mL
.SGPESTTC_00002	11/30/16	Restek, Lot A072897			(Purchased Reagent)		Chlordane (technical)	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlordane (technical) Peak 1	1000 ug/mL
							Chlordane (technical) Peak 2	1000 ug/mL
							Chlordane (technical) Peak 3	1000 ug/mL
							Chlordane (technical) Peak 4	1000 ug/mL
SGPESTTOXI_00003	02/02/13	01/10/12	HEXANE, Lot K12E23	100 mL	SGPESTTOX_00011	1 mL	Toxaphene	10 ug/mL
							Toxaphene Peak 1	10 ug/mL
							Toxaphene Peak 2	10 ug/mL
							Toxaphene Peak 3	10 ug/mL
							Toxaphene Peak 4	10 ug/mL
							Toxaphene Peak 5	10 ug/mL
.SGPESTTOX_00011	02/28/14		SUPELCO, Lot LB82082		(Purchased Reagent)		Toxaphene	1000 ug/mL
							Toxaphene Peak 1	1000 ug/mL
							Toxaphene Peak 2	1000 ug/mL
							Toxaphene Peak 3	1000 ug/mL
							Toxaphene Peak 4	1000 ug/mL
							Toxaphene Peak 5	1000 ug/mL
SGPESTTOXS_00006	07/27/13	07/31/12	HEXANE, Lot L08E17	100 mL	SGPESTTOX_00012	1 mL	Toxaphene	10 ug/mL
							Toxaphene Peak 1	10 ug/mL
							Toxaphene Peak 2	10 ug/mL
							Toxaphene Peak 3	10 ug/mL
							Toxaphene Peak 4	10 ug/mL
							Toxaphene Peak 5	10 ug/mL
.SGPESTTOX_00012	06/30/15		Restek, Lot A080394		(Purchased Reagent)		Toxaphene	1000 ug/mL
							Toxaphene Peak 1	1000 ug/mL
							Toxaphene Peak 2	1000 ug/mL
							Toxaphene Peak 3	1000 ug/mL
							Toxaphene Peak 4	1000 ug/mL
							Toxaphene Peak 5	1000 ug/mL
SMDoDSS Ind W_00001	08/31/13	02/16/12	MECL2, Lot K48E14	10 mL	SMDoDSSInd ST_00001	1 mL	1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	10 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	10 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzoic acid	20 ug/mL
							Benzyl alcohol	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
.SMDoDSSInd ST_00001	08/31/13	02/16/12	MECL2, Lot K48E14	10 mL	SMDoD IND SS_00001	1 mL	1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzoic acid	200 ug/mL
							Benzyl alcohol	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
..SMDoD IND SS_00001	08/31/13		Sigma-Aldrich, Lot LB90764		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3,3'-Dichlorobenzidine	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	1000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzoic acid	2000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
SMTCL L1 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	2 uL	2,4-Dinitrophenol	0.2 ug/mL
							Benzoic acid	0.2 ug/mL
							Pentachlorophenol	0.2 ug/mL
					SMTCL DPH ST_00003	2 uL	1,4-Dichlorobenzene	0.1 ug/mL
							2,4,5-Trichlorophenol	0.1 ug/mL
							2,4,6-Tribromophenol (Surr)	0.1 ug/mL
							2,4,6-Trichlorophenol	0.1 ug/mL
							2,4-Dichlorophenol	0.1 ug/mL
							2,4-Dimethylphenol	0.1 ug/mL
							2,4-Dinitrophenol	0.2 ug/mL
							2-Chlorophenol	0.1 ug/mL
							2-Fluorophenol (Surr)	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylphenol	0.1 ug/mL
							2-Nitrophenol	0.1 ug/mL
							3 & 4 Methylphenol	0.1 ug/mL
							4,6-Dinitro-2-methylphenol	0.1 ug/mL
							4-Chloro-3-methylphenol	0.1 ug/mL
							4-Nitrophenol	0.1 ug/mL
							Benzoic acid	0.2 ug/mL
							Benzyl alcohol	0.1 ug/mL
							Pentachlorophenol	0.2 ug/mL
							Phenol	0.1 ug/mL
							Phenol-d5 (Surr)	0.1 ug/mL
							2-Nitroaniline	0.1 ug/mL
							3,3'-Dichlorobenzidine	0.1 ug/mL
							3-Nitroaniline	0.1 ug/mL
							4-Nitroaniline	0.1 ug/mL
							N-Nitrosodi-n-propylamine	0.1 ug/mL
							N-Nitrosodiphenylamine	0.1 ug/mL
							1,1'-Biphenyl	0.1 ug/mL
							1-Methylnaphthalene	0.1 ug/mL
							2-Methylnaphthalene	0.1 ug/mL
							Acenaphthene	0.1 ug/mL
							Acenaphthylene	0.1 ug/mL
							Anthracene	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL
							Benzo[a]pyrene	0.1 ug/mL
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Bis(2-ethylhexyl) phthalate	0.1 ug/mL
							Butyl benzyl phthalate	0.1 ug/mL
							Carbazole	0.1 ug/mL
							Chrysene	0.1 ug/mL
							Di-n-butyl phthalate	0.1 ug/mL
							Di-n-octyl phthalate	0.1 ug/mL
							Dibenz(a,h)anthracene	0.1 ug/mL
							Dibenzofuran	0.1 ug/mL
							Diethyl phthalate	0.1 ug/mL
							Dimethyl phthalate	0.1 ug/mL
							Fluoranthene	0.1 ug/mL
							Fluorene	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							Isophorone	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Phenanthrene	0.1 ug/mL
							Pyrene	0.1 ug/mL
							1,2,4-Trichlorobenzene	0.1 ug/mL
							1,2-Dichlorobenzene	0.1 ug/mL
							1,3-Dichlorobenzene	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrotoluene	0.1 ug/mL
							2,6-Dinitrotoluene	0.1 ug/mL
							2-Chloronaphthalene	0.1 ug/mL
							2-Fluorobiphenyl (Surr)	0.1 ug/mL
							4-Bromophenyl phenyl ether	0.1 ug/mL
							4-Chlorophenyl phenyl ether	0.1 ug/mL
							Benzaldehyde	0.1 ug/mL
							Bis(2-chloroethoxy)methane	0.1 ug/mL
							Bis(2-chloroethyl)ether	0.1 ug/mL
							Hexachlorobenzene	0.1 ug/mL
							Hexachlorobutadiene	0.1 ug/mL
							Hexachlorocyclopentadiene	0.1 ug/mL
							Hexachloroethane	0.1 ug/mL
							Nitrobenzene	0.1 ug/mL
							Nitrobenzene-d5 (Surr)	0.1 ug/mL
							Terphenyl-d14 (Surr)	0.1 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Anthracene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L2 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	10 uL	2,4-Dinitrophenol	1 ug/mL
							Benzoic acid	1 ug/mL
							Pentachlorophenol	1 ug/mL
					SMTCL DPH ST_00003	10 uL	1,4-Dichlorobenzene	0.5 ug/mL
							1,4-Dioxane	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3,5,6-Tetrachlorophenol	0.5 ug/mL
							2,4,5-Trichlorophenol	0.5 ug/mL
							2,4,6-Tribromophenol (Surr)	0.5 ug/mL
							2,4,6-Trichlorophenol	0.5 ug/mL
							2,4-Dichlorophenol	0.5 ug/mL
							2,4-Dimethylphenol	0.5 ug/mL
							2,4-Dinitrophenol	1 ug/mL
							2-Chlorophenol	0.5 ug/mL
							2-Fluorophenol (Surr)	0.5 ug/mL
							2-Methylphenol	0.5 ug/mL
							2-Nitrophenol	0.5 ug/mL
							3 & 4 Methylphenol	0.5 ug/mL
							4,6-Dinitro-2-methylphenol	0.5 ug/mL
							4-Chloro-3-methylphenol	0.5 ug/mL
							4-Nitrophenol	0.5 ug/mL
							Benzoic acid	1 ug/mL
							Benzyl alcohol	0.5 ug/mL
							Pentachlorophenol	1 ug/mL
							Phenol	0.5 ug/mL
							Phenol-d5 (Surr)	0.5 ug/mL
							2,4-Toluene diamine	0.5 ug/mL
							2-Nitroaniline	0.5 ug/mL
							3,3'-Dichlorobenzidine	0.5 ug/mL
							3,3'-Dimethoxybenzidine	0.5 ug/mL
							3-Nitroaniline	0.5 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	0.5 ug/mL
							4-Chloroaniline	0.5 ug/mL
							4-Nitroaniline	0.5 ug/mL
							Aniline	0.5 ug/mL
							Atrazine	0.5 ug/mL
							Benzidine	0.5 ug/mL
							N-Nitrosodi-n-propylamine	0.5 ug/mL
							N-Nitrosodimethylamine	0.5 ug/mL
							N-Nitrosodiphenylamine	0.5 ug/mL
							Pyridine	0.5 ug/mL
							1,1'-Biphenyl	0.5 ug/mL
							1,2-Diphenylhydrazine	0.5 ug/mL
							1-Methylnaphthalene	0.5 ug/mL
							2-Methylnaphthalene	0.5 ug/mL
							Acenaphthene	0.5 ug/mL
							Acenaphthylene	0.5 ug/mL
							Acetophenone	0.5 ug/mL
							Anthracene	0.5 ug/mL
							Azobenzene	0.5 ug/mL
							Benzo[a]anthracene	0.5 ug/mL
							Benzo[a]pyrene	0.5 ug/mL
							Benzo[b]fluoranthene	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[g,h,i]perylene	0.5 ug/mL
							Benzo[k]fluoranthene	0.5 ug/mL
							Bis(2-ethylhexyl) phthalate	0.5 ug/mL
							Butyl benzyl phthalate	0.5 ug/mL
							Caprolactam	0.5 ug/mL
							Carbazole	0.5 ug/mL
							Chrysene	0.5 ug/mL
							Di-n-butyl phthalate	0.5 ug/mL
							Di-n-octyl phthalate	0.5 ug/mL
							Dibenz(a,h)anthracene	0.5 ug/mL
							Dibenzofuran	0.5 ug/mL
							Diethyl phthalate	0.5 ug/mL
							Dimethyl phthalate	0.5 ug/mL
							Ethyl methacrylate	0.5 ug/mL
							Fluoranthene	0.5 ug/mL
							Fluorene	0.5 ug/mL
							Indeno[1,2,3-cd]pyrene	0.5 ug/mL
							Isophorone	0.5 ug/mL
							Naphthalene	0.5 ug/mL
							Phenanthrene	0.5 ug/mL
							Pyrene	0.5 ug/mL
							1,2,3,5-Tetrachlorobenzene	0.5 ug/mL
							1,2,4-Trichlorobenzene	0.5 ug/mL
							1,2-Dichlorobenzene	0.5 ug/mL
							1,2-Dinitrobenzene	0.5 ug/mL
							1,3,5-Trichlorobenzene	0.5 ug/mL
							1,3-Dichlorobenzene	0.5 ug/mL
							2,4-Dinitrotoluene	0.5 ug/mL
							2,6-Dinitrotoluene	0.5 ug/mL
							2-Chloronaphthalene	0.5 ug/mL
							2-Fluorobiphenyl (Surr)	0.5 ug/mL
							3-Chloropropionitrile	0.5 ug/mL
							4-Bromophenyl phenyl ether	0.5 ug/mL
							4-Chlorophenyl phenyl ether	0.5 ug/mL
							Benzaldehyde	0.5 ug/mL
							bis (2-chloroisopropyl) ether	0.5 ug/mL
							Bis(2-chloroethoxy)methane	0.5 ug/mL
							Bis(2-chloroethyl)ether	0.5 ug/mL
							Hexachlorobenzene	0.5 ug/mL
							Hexachlorobutadiene	0.5 ug/mL
							Hexachlorocyclopentadiene	0.5 ug/mL
							Hexachloroethane	0.5 ug/mL
							Malononitrile	0.5 ug/mL
							Nitrobenzene	0.5 ug/mL
							Nitrobenzene-d5 (Surr)	0.5 ug/mL
							Terphenyl-d14 (Surr)	0.5 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L3 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	20 uL	2,4-Dinitrophenol	2 ug/mL
							Benzoic acid	2 ug/mL
							Pentachlorophenol	2 ug/mL
					SMTCL DPH ST_00003	20 uL	1,4-Dichlorobenzene	1 ug/mL
							1,4-Dioxane	1 ug/mL
							2,3,5,6-Tetrachlorophenol	1 ug/mL
							2,4,5-Trichlorophenol	1 ug/mL
							2,4,6-Tribromophenol (Surr)	1 ug/mL
							2,4,6-Trichlorophenol	1 ug/mL
							2,4-Dichlorophenol	1 ug/mL
							2,4-Dimethylphenol	1 ug/mL
							2,4-Dinitrophenol	2 ug/mL
							2-Chlorophenol	1 ug/mL
							2-Fluorophenol (Surr)	1 ug/mL
							2-Methylphenol	1 ug/mL
							2-Nitrophenol	1 ug/mL
							3 & 4 Methylphenol	1 ug/mL
							4,6-Dinitro-2-methylphenol	1 ug/mL
							4-Chloro-3-methylphenol	1 ug/mL
							4-Nitrophenol	1 ug/mL
							Benzoic acid	2 ug/mL
							Benzyl alcohol	1 ug/mL
							Pentachlorophenol	2 ug/mL
							Phenol	1 ug/mL
							Phenol-d5 (Surr)	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Toluene diamine	1 ug/mL
							2-Nitroaniline	1 ug/mL
							3,3'-Dichlorobenzidine	1 ug/mL
							3,3'-Dimethoxybenzidine	1 ug/mL
							3-Nitroaniline	1 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	1 ug/mL
							4-Chloroaniline	1 ug/mL
							4-Nitroaniline	1 ug/mL
							Aniline	1 ug/mL
							Atrazine	1 ug/mL
							Benzidine	1 ug/mL
							N-Nitrosodi-n-propylamine	1 ug/mL
							N-Nitrosodimethylamine	1 ug/mL
							N-Nitrosodiphenylamine	1 ug/mL
							Pyridine	1 ug/mL
							1,1'-Biphenyl	1 ug/mL
							1,2-Diphenylhydrazine	1 ug/mL
							1-Methylnaphthalene	1 ug/mL
							2-Methylnaphthalene	1 ug/mL
							Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Acetophenone	1 ug/mL
							Anthracene	1 ug/mL
							Azobenzene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Bis(2-ethylhexyl) phthalate	1 ug/mL
							Butyl benzyl phthalate	1 ug/mL
							Caprolactam	1 ug/mL
							Carbazole	1 ug/mL
							Chrysene	1 ug/mL
							Di-n-butyl phthalate	1 ug/mL
							Di-n-octyl phthalate	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Dibenzofuran	1 ug/mL
							Diethyl phthalate	1 ug/mL
							Dimethyl phthalate	1 ug/mL
							Ethyl methacrylate	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Isophorone	1 ug/mL
							Naphthalene	1 ug/mL
							Phenanthrene	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	1 ug/mL
							1,2,3,5-Tetrachlorobenzene	1 ug/mL
							1,2,4-Trichlorobenzene	1 ug/mL
							1,2-Dichlorobenzene	1 ug/mL
							1,2-Dinitrobenzene	1 ug/mL
							1,3,5-Trichlorobenzene	1 ug/mL
							1,3-Dichlorobenzene	1 ug/mL
							2,4-Dinitrotoluene	1 ug/mL
							2,6-Dinitrotoluene	1 ug/mL
							2-Chloronaphthalene	1 ug/mL
							2-Fluorobiphenyl (Surr)	1 ug/mL
							3-Chloropropionitrile	1 ug/mL
							4-Bromophenyl phenyl ether	1 ug/mL
							4-Chlorophenyl phenyl ether	1 ug/mL
							Benzaldehyde	1 ug/mL
							bis (2-chloroisopropyl) ether	1 ug/mL
							Bis(2-chloroethoxy)methane	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							Hexachlorobutadiene	1 ug/mL
							Hexachlorocyclopentadiene	1 ug/mL
							Hexachloroethane	1 ug/mL
							Malononitrile	1 ug/mL
							Nitrobenzene	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Terphenyl-d14 (Surr)	1 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L4 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	40 uL	2,4-Dinitrophenol	4 ug/mL
							Benzoic acid	4 ug/mL
							Pentachlorophenol	4 ug/mL
					SMTCL DPH ST_00003	40 uL	1,4-Dichlorobenzene	2 ug/mL
							1,4-Dioxane	2 ug/mL
							2,3,5,6-Tetrachlorophenol	2 ug/mL
							2,4,5-Trichlorophenol	2 ug/mL
							2,4,6-Tribromophenol (Surr)	2 ug/mL
							2,4,6-Trichlorophenol	2 ug/mL
							2,4-Dichlorophenol	2 ug/mL
							2,4-Dimethylphenol	2 ug/mL
							2,4-Dinitrophenol	4 ug/mL
							2-Chlorophenol	2 ug/mL
							2-Fluorophenol (Surr)	2 ug/mL
							2-Methylphenol	2 ug/mL
							2-Nitrophenol	2 ug/mL
							3 & 4 Methylphenol	2 ug/mL
							4,6-Dinitro-2-methylphenol	2 ug/mL
							4-Chloro-3-methylphenol	2 ug/mL
							4-Nitrophenol	2 ug/mL
							Benzoic acid	4 ug/mL
							Benzyl alcohol	2 ug/mL
							Pentachlorophenol	4 ug/mL
							Phenol	2 ug/mL
							Phenol-d5 (Surr)	2 ug/mL
							2,4-Toluene diamine	2 ug/mL
							2-Nitroaniline	2 ug/mL
							3,3'-Dichlorobenzidine	2 ug/mL
							3,3'-Dimethoxybenzidine	2 ug/mL
							3-Nitroaniline	2 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	2 ug/mL
							4-Chloroaniline	2 ug/mL
							4-Nitroaniline	2 ug/mL
							Aniline	2 ug/mL
							Atrazine	2 ug/mL
							Benzidine	2 ug/mL
							N-Nitrosodi-n-propylamine	2 ug/mL
							N-Nitrosodimethylamine	2 ug/mL
							N-Nitrosodiphenylamine	2 ug/mL
							Pyridine	2 ug/mL
							1,1'-Biphenyl	2 ug/mL
							1,2-Diphenylhydrazine	2 ug/mL
							1-Methylnaphthalene	2 ug/mL
							2-Methylnaphthalene	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL
							Acetophenone	2 ug/mL
							Anthracene	2 ug/mL
							Azobenzene	2 ug/mL
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Bis(2-ethylhexyl) phthalate	2 ug/mL
							Butyl benzyl phthalate	2 ug/mL
							Caprolactam	2 ug/mL
							Carbazole	2 ug/mL
							Chrysene	2 ug/mL
							Di-n-butyl phthalate	2 ug/mL
							Di-n-octyl phthalate	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Dibenzofuran	2 ug/mL
							Diethyl phthalate	2 ug/mL
							Dimethyl phthalate	2 ug/mL
							Ethyl methacrylate	2 ug/mL
							Fluoranthene	2 ug/mL
							Fluorene	2 ug/mL
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Isophorone	2 ug/mL
							Naphthalene	2 ug/mL
							Phenanthrene	2 ug/mL
							Pyrene	2 ug/mL
							1,2,3,5-Tetrachlorobenzene	2 ug/mL
							1,2,4-Trichlorobenzene	2 ug/mL
							1,2-Dichlorobenzene	2 ug/mL
							1,2-Dinitrobenzene	2 ug/mL
							1,3,5-Trichlorobenzene	2 ug/mL
							1,3-Dichlorobenzene	2 ug/mL
							2,4-Dinitrotoluene	2 ug/mL
							2,6-Dinitrotoluene	2 ug/mL
							2-Chloronaphthalene	2 ug/mL
							2-Fluorobiphenyl (Surr)	2 ug/mL
							3-Chloropropionitrile	2 ug/mL
							4-Bromophenyl phenyl ether	2 ug/mL
							4-Chlorophenyl phenyl ether	2 ug/mL
							Benzaldehyde	2 ug/mL
							bis (2-chloroisopropyl) ether	2 ug/mL
							Bis(2-chloroethoxy)methane	2 ug/mL
							Bis(2-chloroethyl)ether	2 ug/mL
							Hexachlorobenzene	2 ug/mL
							Hexachlorobutadiene	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorocyclopentadiene	2 ug/mL
							Hexachloroethane	2 ug/mL
							Malononitrile	2 ug/mL
							Nitrobenzene	2 ug/mL
							Nitrobenzene-d5 (Surr)	2 ug/mL
							Terphenyl-d14 (Surr)	2 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L5 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	100 uL	2,4-Dinitrophenol	10 ug/mL
							Benzoic acid	10 ug/mL
							Pentachlorophenol	10 ug/mL
					SMTCL DPH ST_00003	100 uL	1,4-Dichlorobenzene	5 ug/mL
							1,4-Dioxane	5 ug/mL
							2,3,5,6-Tetrachlorophenol	5 ug/mL
							2,4,5-Trichlorophenol	5 ug/mL
							2,4,6-Tribromophenol (Surr)	5 ug/mL
							2,4,6-Trichlorophenol	5 ug/mL
							2,4-Dichlorophenol	5 ug/mL
							2,4-Dimethylphenol	5 ug/mL
							2,4-Dinitrophenol	10 ug/mL
							2-Chlorophenol	5 ug/mL
							2-Fluorophenol (Surr)	5 ug/mL
							2-Methylphenol	5 ug/mL
							2-Nitrophenol	5 ug/mL
							3 & 4 Methylphenol	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,6-Dinitro-2-methylphenol	5 ug/mL
							4-Chloro-3-methylphenol	5 ug/mL
							4-Nitrophenol	5 ug/mL
							Benzoic acid	10 ug/mL
							Benzyl alcohol	5 ug/mL
							Pentachlorophenol	10 ug/mL
							Phenol	5 ug/mL
							Phenol-d5 (Surr)	5 ug/mL
							2,4-Toluene diamine	5 ug/mL
							2-Nitroaniline	5 ug/mL
							3,3'-Dichlorobenzidine	5 ug/mL
							3,3'-Dimethoxybenzidine	5 ug/mL
							3-Nitroaniline	5 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	5 ug/mL
							4-Chloroaniline	5 ug/mL
							4-Nitroaniline	5 ug/mL
							Aniline	5 ug/mL
							Atrazine	5 ug/mL
							Benzidine	5 ug/mL
							N-Nitrosodi-n-propylamine	5 ug/mL
							N-Nitrosodimethylamine	5 ug/mL
							N-Nitrosodiphenylamine	5 ug/mL
							Pyridine	5 ug/mL
							1,1'-Biphenyl	5 ug/mL
							1,2-Diphenylhydrazine	5 ug/mL
							1-Methylnaphthalene	5 ug/mL
							2-Methylnaphthalene	5 ug/mL
							Acenaphthene	5 ug/mL
							Acenaphthylene	5 ug/mL
							Acetophenone	5 ug/mL
							Anthracene	5 ug/mL
							Azobenzene	5 ug/mL
							Benzo[a]anthracene	5 ug/mL
							Benzo[a]pyrene	5 ug/mL
							Benzo[b]fluoranthene	5 ug/mL
							Benzo[g,h,i]perylene	5 ug/mL
							Benzo[k]fluoranthene	5 ug/mL
							Bis(2-ethylhexyl) phthalate	5 ug/mL
							Butyl benzyl phthalate	5 ug/mL
							Caprolactam	5 ug/mL
							Carbazole	5 ug/mL
							Chrysene	5 ug/mL
							Di-n-butyl phthalate	5 ug/mL
							Di-n-octyl phthalate	5 ug/mL
							Dibenz(a,h)anthracene	5 ug/mL
							Dibenzofuran	5 ug/mL
							Diethyl phthalate	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dimethyl phthalate	5 ug/mL
							Ethyl methacrylate	5 ug/mL
							Fluoranthene	5 ug/mL
							Fluorene	5 ug/mL
							Indeno[1,2,3-cd]pyrene	5 ug/mL
							Isophorone	5 ug/mL
							Naphthalene	5 ug/mL
							Phenanthrene	5 ug/mL
							Pyrene	5 ug/mL
							1,2,3,5-Tetrachlorobenzene	5 ug/mL
							1,2,4-Trichlorobenzene	5 ug/mL
							1,2-Dichlorobenzene	5 ug/mL
							1,2-Dinitrobenzene	5 ug/mL
							1,3,5-Trichlorobenzene	5 ug/mL
							1,3-Dichlorobenzene	5 ug/mL
							2,4-Dinitrotoluene	5 ug/mL
							2,6-Dinitrotoluene	5 ug/mL
							2-Chloronaphthalene	5 ug/mL
							2-Fluorobiphenyl (Surr)	5 ug/mL
							3-Chloropropionitrile	5 ug/mL
							4-Bromophenyl phenyl ether	5 ug/mL
							4-Chlorophenyl phenyl ether	5 ug/mL
							Benzaldehyde	5 ug/mL
							bis (2-chloroisopropyl) ether	5 ug/mL
							Bis(2-chloroethoxy)methane	5 ug/mL
							Bis(2-chloroethyl)ether	5 ug/mL
							Hexachlorobenzene	5 ug/mL
							Hexachlorobutadiene	5 ug/mL
							Hexachlorocyclopentadiene	5 ug/mL
							Hexachloroethane	5 ug/mL
							Malononitrile	5 ug/mL
							Nitrobenzene	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
							Terphenyl-d14 (Surr)	5 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L6 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	200 uL	2,4-Dinitrophenol	20 ug/mL
							Benzoic acid	20 ug/mL
							Pentachlorophenol	20 ug/mL
					SMTCL DPH ST_00003	200 uL	1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL
							2,3,5,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Tribromophenol (Surr)	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Fluorophenol (Surr)	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							4,6-Dinitro-2-methylphenol	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Nitrophenol	10 ug/mL
							Benzoic acid	20 ug/mL
							Benzyl alcohol	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenol	10 ug/mL
							Phenol-d5 (Surr)	10 ug/mL
							2,4-Toluene diamine	10 ug/mL
							2-Nitroaniline	10 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL
							3,3'-Dimethoxybenzidine	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Nitroaniline	10 ug/mL
							Aniline	10 ug/mL
							Atrazine	10 ug/mL
							Benzidine	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							Pyridine	10 ug/mL
							1,1'-Biphenyl	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Caprolactam	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Ethyl methacrylate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							Naphthalene	10 ug/mL
							Phenanthrene	10 ug/mL
							Pyrene	10 ug/mL
							1,2,3,5-Tetrachlorobenzene	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Dinitrobenzene	10 ug/mL
							1,3,5-Trichlorobenzene	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Fluorobiphenyl (Surr)	10 ug/mL
							3-Chloropropionitrile	10 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chlorophenyl phenyl ether	10 ug/mL
							Benzaldehyde	10 ug/mL
							bis (2-chloroisopropyl) ether	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Malononitrile	10 ug/mL
							Nitrobenzene	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L7 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	300 uL	2,4-Dinitrophenol	30 ug/mL
							Benzoic acid	30 ug/mL
							Pentachlorophenol	30 ug/mL
					SMTCL DPH ST_00003	300 uL	1,4-Dichlorobenzene	15 ug/mL
							1,4-Dioxane	15 ug/mL
							2,3,5,6-Tetrachlorophenol	15 ug/mL
							2,4,5-Trichlorophenol	15 ug/mL
							2,4,6-Tribromophenol (Surr)	15 ug/mL
							2,4,6-Trichlorophenol	15 ug/mL
							2,4-Dichlorophenol	15 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dimethylphenol	15 ug/mL
							2,4-Dinitrophenol	30 ug/mL
							2-Chlorophenol	15 ug/mL
							2-Fluorophenol (Surr)	15 ug/mL
							2-Methylphenol	15 ug/mL
							2-Nitrophenol	15 ug/mL
							3 & 4 Methylphenol	15 ug/mL
							4,6-Dinitro-2-methylphenol	15 ug/mL
							4-Chloro-3-methylphenol	15 ug/mL
							4-Nitrophenol	15 ug/mL
							Benzoic acid	30 ug/mL
							Benzyl alcohol	15 ug/mL
							Pentachlorophenol	30 ug/mL
							Phenol	15 ug/mL
							Phenol-d5 (Surr)	15 ug/mL
							2,4-Toluene diamine	15 ug/mL
							2-Nitroaniline	15 ug/mL
							3,3'-Dichlorobenzidine	15 ug/mL
							3,3'-Dimethoxybenzidine	15 ug/mL
							3-Nitroaniline	15 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	15 ug/mL
							4-Chloroaniline	15 ug/mL
							4-Nitroaniline	15 ug/mL
							Aniline	15 ug/mL
							Atrazine	15 ug/mL
							Benzidine	15 ug/mL
							N-Nitrosodi-n-propylamine	15 ug/mL
							N-Nitrosodimethylamine	15 ug/mL
							N-Nitrosodiphenylamine	15 ug/mL
							Pyridine	15 ug/mL
							1,1'-Biphenyl	15 ug/mL
							1,2-Diphenylhydrazine	15 ug/mL
							1-Methylnaphthalene	15 ug/mL
							2-Methylnaphthalene	15 ug/mL
							Acenaphthene	15 ug/mL
							Acenaphthylene	15 ug/mL
							Acetophenone	15 ug/mL
							Anthracene	15 ug/mL
							Azobenzene	15 ug/mL
							Benzo[a]anthracene	15 ug/mL
							Benzo[a]pyrene	15 ug/mL
							Benzo[b]fluoranthene	15 ug/mL
							Benzo[g,h,i]perylene	15 ug/mL
							Benzo[k]fluoranthene	15 ug/mL
							Bis(2-ethylhexyl) phthalate	15 ug/mL
							Butyl benzyl phthalate	15 ug/mL
							Caprolactam	15 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbazole	15 ug/mL
							Chrysene	15 ug/mL
							Di-n-butyl phthalate	15 ug/mL
							Di-n-octyl phthalate	15 ug/mL
							Dibenz(a,h)anthracene	15 ug/mL
							Dibenzofuran	15 ug/mL
							Diethyl phthalate	15 ug/mL
							Dimethyl phthalate	15 ug/mL
							Ethyl methacrylate	15 ug/mL
							Fluoranthene	15 ug/mL
							Fluorene	15 ug/mL
							Indeno[1,2,3-cd]pyrene	15 ug/mL
							Isophorone	15 ug/mL
							Naphthalene	15 ug/mL
							Phenanthrene	15 ug/mL
							Pyrene	15 ug/mL
							1,2,3,5-Tetrachlorobenzene	15 ug/mL
							1,2,4-Trichlorobenzene	15 ug/mL
							1,2-Dichlorobenzene	15 ug/mL
							1,2-Dinitrobenzene	15 ug/mL
							1,3,5-Trichlorobenzene	15 ug/mL
							1,3-Dichlorobenzene	15 ug/mL
							2,4-Dinitrotoluene	15 ug/mL
							2,6-Dinitrotoluene	15 ug/mL
							2-Chloronaphthalene	15 ug/mL
							2-Fluorobiphenyl (Surr)	15 ug/mL
							3-Chloropropionitrile	15 ug/mL
							4-Bromophenyl phenyl ether	15 ug/mL
							4-Chlorophenyl phenyl ether	15 ug/mL
							Benzaldehyde	15 ug/mL
							bis (2-chloroisopropyl) ether	15 ug/mL
							Bis(2-chloroethoxy)methane	15 ug/mL
							Bis(2-chloroethyl)ether	15 ug/mL
							Hexachlorobenzene	15 ug/mL
							Hexachlorobutadiene	15 ug/mL
							Hexachlorocyclopentadiene	15 ug/mL
							Hexachloroethane	15 ug/mL
							Malononitrile	15 ug/mL
							Nitrobenzene	15 ug/mL
							Nitrobenzene-d5 (Surr)	15 ug/mL
							Terphenyl-d14 (Surr)	15 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14		UltraScientific, Lot CH-1761		(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L8 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	400 uL	2,4-Dinitrophenol	40 ug/mL
							Benzoic acid	40 ug/mL
							Pentachlorophenol	40 ug/mL
					SMTCL DPH ST_00003	400 uL	1,4-Dichlorobenzene	20 ug/mL
							1,4-Dioxane	20 ug/mL
							2,3,5,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Tribromophenol (Surr)	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	40 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Fluorophenol (Surr)	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	20 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Nitrophenol	20 ug/mL
							Benzoic acid	40 ug/mL
							Benzyl alcohol	20 ug/mL
							Pentachlorophenol	40 ug/mL
							Phenol	20 ug/mL
							Phenol-d5 (Surr)	20 ug/mL
							2,4-Toluene diamine	20 ug/mL
							2-Nitroaniline	20 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL
							3,3'-Dimethoxybenzidine	20 ug/mL
							3-Nitroaniline	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,4'-Methylene bis(2-chloroaniline)	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Nitroaniline	20 ug/mL
							Aniline	20 ug/mL
							Atrazine	20 ug/mL
							Benzidine	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							Pyridine	20 ug/mL
							1,1'-Biphenyl	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Acetophenone	20 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Caprolactam	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Ethyl methacrylate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							Naphthalene	20 ug/mL
							Phenanthrene	20 ug/mL
							Pyrene	20 ug/mL
							1,2,3,5-Tetrachlorobenzene	20 ug/mL
							1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Dinitrobenzene	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trichlorobenzene	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Fluorobiphenyl (Surr)	20 ug/mL
							3-Chloropropionitrile	20 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							Benzaldehyde	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Malononitrile	20 ug/mL
							Nitrobenzene	20 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Terphenyl-d14 (Surr)	20 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L9 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	500 uL	2,4-Dinitrophenol	50 ug/mL
							Benzoic acid	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentachlorophenol	50 ug/mL
					SMTCL DPH ST_00003	500 uL	1,4-Dichlorobenzene	25 ug/mL
							1,4-Dioxane	25 ug/mL
							2,3,5,6-Tetrachlorophenol	25 ug/mL
							2,4,5-Trichlorophenol	25 ug/mL
							2,4,6-Tribromophenol (Surr)	25 ug/mL
							2,4,6-Trichlorophenol	25 ug/mL
							2,4-Dichlorophenol	25 ug/mL
							2,4-Dimethylphenol	25 ug/mL
							2,4-Dinitrophenol	50 ug/mL
							2-Chlorophenol	25 ug/mL
							2-Fluorophenol (Surr)	25 ug/mL
							2-Methylphenol	25 ug/mL
							2-Nitrophenol	25 ug/mL
							3 & 4 Methylphenol	25 ug/mL
							4,6-Dinitro-2-methylphenol	25 ug/mL
							4-Chloro-3-methylphenol	25 ug/mL
							4-Nitrophenol	25 ug/mL
							Benzoic acid	50 ug/mL
							Benzyl alcohol	25 ug/mL
							Pentachlorophenol	50 ug/mL
							Phenol	25 ug/mL
							Phenol-d5 (Surr)	25 ug/mL
							2,4-Toluene diamine	25 ug/mL
							2-Nitroaniline	25 ug/mL
							3,3'-Dichlorobenzidine	25 ug/mL
							3,3'-Dimethoxybenzidine	25 ug/mL
							3-Nitroaniline	25 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	25 ug/mL
							4-Chloroaniline	25 ug/mL
							4-Nitroaniline	25 ug/mL
							Aniline	25 ug/mL
							Atrazine	25 ug/mL
							Benzidine	25 ug/mL
							N-Nitrosodi-n-propylamine	25 ug/mL
							N-Nitrosodimethylamine	25 ug/mL
							N-Nitrosodiphenylamine	25 ug/mL
							Pyridine	25 ug/mL
							1,1'-Biphenyl	25 ug/mL
							1,2-Diphenylhydrazine	25 ug/mL
							1-Methylnaphthalene	25 ug/mL
							2-Methylnaphthalene	25 ug/mL
							Acenaphthene	25 ug/mL
							Acenaphthylene	25 ug/mL
							Acetophenone	25 ug/mL
							Anthracene	25 ug/mL
							Azobenzene	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]anthracene	25 ug/mL
							Benzo[a]pyrene	25 ug/mL
							Benzo[b]fluoranthene	25 ug/mL
							Benzo[g,h,i]perylene	25 ug/mL
							Benzo[k]fluoranthene	25 ug/mL
							Bis(2-ethylhexyl) phthalate	25 ug/mL
							Butyl benzyl phthalate	25 ug/mL
							Caprolactam	25 ug/mL
							Carbazole	25 ug/mL
							Chrysene	25 ug/mL
							Di-n-butyl phthalate	25 ug/mL
							Di-n-octyl phthalate	25 ug/mL
							Dibenz(a,h)anthracene	25 ug/mL
							Dibenzofuran	25 ug/mL
							Diethyl phthalate	25 ug/mL
							Dimethyl phthalate	25 ug/mL
							Ethyl methacrylate	25 ug/mL
							Fluoranthene	25 ug/mL
							Fluorene	25 ug/mL
							Indeno[1,2,3-cd]pyrene	25 ug/mL
							Isophorone	25 ug/mL
							Naphthalene	25 ug/mL
							Phenanthrene	25 ug/mL
							Pyrene	25 ug/mL
							1,2,3,5-Tetrachlorobenzene	25 ug/mL
							1,2,4-Trichlorobenzene	25 ug/mL
							1,2-Dichlorobenzene	25 ug/mL
							1,2-Dinitrobenzene	25 ug/mL
							1,3,5-Trichlorobenzene	25 ug/mL
							1,3-Dichlorobenzene	25 ug/mL
							2,4-Dinitrotoluene	25 ug/mL
							2,6-Dinitrotoluene	25 ug/mL
							2-Chloronaphthalene	25 ug/mL
							2-Fluorobiphenyl (Surr)	25 ug/mL
							3-Chloropropionitrile	25 ug/mL
							4-Bromophenyl phenyl ether	25 ug/mL
							4-Chlorophenyl phenyl ether	25 ug/mL
							Benzaldehyde	25 ug/mL
							bis (2-chloroisopropyl) ether	25 ug/mL
							Bis(2-chloroethoxy)methane	25 ug/mL
							Bis(2-chloroethyl)ether	25 ug/mL
							Hexachlorobenzene	25 ug/mL
							Hexachlorobutadiene	25 ug/mL
							Hexachlorocyclopentadiene	25 ug/mL
							Hexachloroethane	25 ug/mL
							Malononitrile	25 ug/mL
							Nitrobenzene	25 ug/mL
							Nitrobenzene-d5 (Surr)	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Terphenyl-d14 (Surr)	25 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
VGGASCAL_00021	11/03/12	08/03/12	MEOH, Lot 117046	50 mL	VGGASDIL_00006	500 uL	C6-C10	100 ug/mL
							C6-C12	100 ug/mL
.VGGASDIL_00006	12/28/12	06/28/12	MEOH, Lot 117046	50 mL	VGGASSTOCK_00013	0.5 g	C6-C10	10000 ug/mL
							C6-C12	10000 ug/mL
..VGGASSTOCK_00013	10/31/13	ULTRA SCIENTIFIC, Lot S-0681W			(Purchased Reagent)		C6-C10	1 g/g
							C6-C12	1 g/g
VGGASCAL_00022	12/28/12	10/31/12	MEOH, Lot 123279	50 mL	VGGASDIL_00006	500 uL	C6-C12	100 ug/mL
.VGGASDIL_00006	12/28/12	06/28/12	MEOH, Lot 117046	50 mL	VGGASSTOCK_00013	0.5 g	C6-C12	10000 ug/mL
..VGGASSTOCK_00013	10/31/13	ULTRA SCIENTIFIC, Lot S-0681W			(Purchased Reagent)		C6-C12	1 g/g
VGGASCHK_00019	10/27/12	07/27/12	MEOH, Lot 115869	50 mL	VGGASCHKSTK_00016	1 mL	C6-C12	100 ug/mL
.VGGASCHKSTK_00016	04/05/15	ACCU STANDARD, Lot B5040009			(Purchased Reagent)		C6-C12	5 mg/mL
VGGASCHK_00025	03/14/13	12/14/12	MEOH, Lot 123279	50 mL	VGGASCHKSTK_00020	1 mL	C6-C10	100 ug/mL
							C6-C12	100 ug/mL
.VGGASCHKSTK_00020	04/05/15	ACCU STANDARD, Lot B5040009			(Purchased Reagent)		C6-C10	5 mg/mL
							C6-C12	5 mg/mL
VGGASURROGATE_00014	12/05/12	06/05/12	MEOH, Lot 51304	50 mL	VGSURRSTKGAS_00012	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
.VGSURRSTKGAS_00012	07/31/14	ULTRA SCIENTIFIC, Lot CE-1903A			(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
VGGASURROGATE_00017	03/12/13	12/12/12	MEOH, Lot 123279	50 mL	VGSURRSTKGAS_00014	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
.VGSURRSTKGAS_00014	07/31/14	ULTRA SCIENTIFIC, Lot CE-1903A			(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
VM250-IS_00013	05/26/13	11/26/12	MEOH, Lot 123279	100 mL	vmcus8126_00007	1 mL	1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
.vmcus8126_00007	09/30/14	Ultra Scientific, Lot CJ-3237			(Purchased Reagent)		1,4-Dichlorobenzene-d4	25000 ug/mL
							Chlorobenzene-d5	25000 ug/mL
							Fluorobenzene	25000 ug/mL
VM50IS_00023	01/22/13	10/22/12	MEOH, Lot 123279	50 mL	VMSTM520_00016	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL
.VMSTM520_00016	12/31/14	Ultra Scientific, Lot CH-3660			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
vm50ss_00089	12/17/12	12/10/12	MEOH, Lot na	2 mL	vm50ss_stk_00044	2 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00044	03/04/13	12/04/12	MEOH, Lot 123279	50 mL	VMstm530_00016	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VMstm530_00016	05/31/15	Ultra Scientific, Lot CJ-1280			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_00090	12/21/12	12/14/12	MEOH, Lot na	2 mL	vm50ss_stk_00044	2 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00044	03/04/13	12/04/12	MEOH, Lot 123279	50 mL	VMstm530_00016	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VMstm530_00016	05/31/15	Ultra Scientific, Lot CJ-1280			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_stk_00043	02/12/13	11/12/12	MEOH, Lot 123279	50 mL	VMstm530_00016	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.VMstm530_00016	05/31/15	Ultra Scientific, Lot CJ-1280			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
VMCGAS_00099	12/11/12	12/04/12	MEOH, Lot 123279	10 mL	VMDWM544_00011	0.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMDWM544_00011	04/30/15	ULTRA, Lot CJ-0858			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMCGAS_00100	12/17/12	12/10/12	MEOH, Lot 123279	10 mL	VMDWM544_00011	0.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMDWM544_00011	04/30/15		ULTRA, Lot CJ-0858		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMCGAS_00101	12/21/12	12/14/12	MEOH, Lot 123279	10 mL	VMDWM544_00011	0.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMDWM544_00011	04/30/15		ULTRA, Lot CJ-0858		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASWS_00120	12/11/12	12/04/12	MEOH, Lot na	3 mL	VMFAS_00033	3 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
							1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							o-Xylene	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
							Bromochloromethane	25 ug/mL
							2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
.VMFAS_00033	12/20/12	11/20/12	MEOH, Lot 123279	100 mL	VM48799U_00012	1.25 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
					VM556005_00011	1 mL	1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							o-Xylene	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
					VM563136_00007	1 mL	Bromochloromethane	25 ug/mL
					VM861149_00017	2.5 mL	2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
..VM48799U_00012	06/30/13		Supelco, Lot LB91213		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
..VM556005_00011	05/31/13		Restek, Lot A085142		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	7500 ug/mL
..VM563136_00007	11/30/16		Restek, Lot A085140		(Purchased Reagent)		Bromochloromethane	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VM861149_00017	11/30/13	Supelco, Lot LB85301			(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Hexanone	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
VMFASWS_00121	12/17/12	12/10/12	MEOH, Lot na	3 mL	VMFAS_00033	3 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
							1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
							Bromochloromethane	25 ug/mL
							2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
.VMFAS_00033	12/20/12	11/20/12	MEOH, Lot 123279	100 mL	VM48799U_00012	1.25 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
					VM556005_00011	1 mL	1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
					VM563136_00007	1 mL	Bromochloromethane	25 ug/mL
					VM861149_00017	2.5 mL	2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
..VM48799U_00012	06/30/13		Supelco, Lot LB91213		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
..VM556005_00011	05/31/13		Restek, Lot A085142		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	7500 ug/mL
..VM563136_00007	11/30/16		Restek, Lot A085140		(Purchased Reagent)		Bromochloromethane	2500 ug/mL
..VM861149_00017	11/30/13		Supelco, Lot LB85301		(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Hexanone	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
VMFASWS_00122	12/20/12	12/14/12	MEOH, Lot na	3 mL	VMFAS_00033	3 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
							1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							o-Xylene	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
							Bromochloromethane	25 ug/mL
							2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
.VMFAS_00033	12/20/12	11/20/12	MEOH, Lot 123279	100 mL	VM48799U_00012	1.25 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
					VM556005_00011	1 mL	1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							o-Xylene	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
					VM563136_00007	1 mL	Bromochloromethane	25 ug/mL
					VM861149_00017	2.5 mL	2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
..VM48799U_00012	06/30/13		Supelco, Lot LB91213		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
..VM556005_00011	05/31/13		Restek, Lot A085142		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	7500 ug/mL
..VM563136_00007	11/30/16		Restek, Lot A085140		(Purchased Reagent)		Bromochloromethane	2500 ug/mL
..VM861149_00017	11/30/13		Supelco, Lot LB85301		(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Hexanone	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
VMPRIMARY_00153	12/11/12	12/04/12	MEOH, Lot na	1 mL	VMCUS7814_00019	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
.VMCUS7814_00019	02/28/14	Ultra Scientific, Lot CJ-0210			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
VMPRIMARY_00154	12/17/12	12/10/12	MEOH, Lot na	1 mL	VMCUS7814_00019	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
.VMCUS7814_00019	02/28/14		Ultra Scientific, Lot CJ-0210		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
VMPRIMARY_00155	12/21/12	12/14/12	MEOH, Lot na	1 mL	VMCUS7814_00019	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
.VMCUS7814_00019	02/28/14		Ultra Scientific, Lot CJ-0210		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
VMSUPPW_00103	12/11/12	12/04/12	MEOH, Lot na	1 mL	VMSUPP_00018	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	50 ug/mL
							Acetonitrile	500 ug/mL
							Acrolein	500 ug/mL
							Acrylonitrile	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
.VMSUPP_00018	01/31/13	09/27/12	MEOH, Lot 123279	50 mL	VM30006_00004	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VMCU5013_00008	1 mL	Vinyl acetate	50 ug/mL
					VMCUS8634_00007	1 mL	Acetonitrile	500 ug/mL
							Acrolein	500 ug/mL
							Acrylonitrile	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					VMEPA1016_00003	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
..VM30006_00004	11/30/13		Restek, Lot A076449		(Purchased Reagent)		2-Butanone (MEK)	5000 ug/mL
							2-Hexanone	5000 ug/mL
							4-Methyl-2-pentanone (MIBK)	5000 ug/mL
							Acetone	5000 ug/mL
..VMCU5013_00008	01/31/13		Ultra, Lot CJ-3443		(Purchased Reagent)		Vinyl acetate	2500 ug/mL
..VMCUS8634_00007	01/31/13		Ultra, Lot CJ-3453		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Acrolein	25000 ug/mL
							Acrylonitrile	5000 ug/mL
..VMEPA1016_00003	04/30/13		Ultra, Lot CG-0850		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
VMSUPPW_00104	12/17/12	12/10/12	MEOH, Lot na	1 mL	VMSUPP_00018	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	50 ug/mL
							Acetonitrile	500 ug/mL
							Acrolein	500 ug/mL
							Acrylonitrile	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
.VMSUPP_00018	01/31/13	09/27/12	MEOH, Lot 123279	50 mL	VM30006_00004	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VMCU5013_00008	1 mL	Vinyl acetate	50 ug/mL
					VMCUS8634_00007	1 mL	Acetonitrile	500 ug/mL
							Acrolein	500 ug/mL
							Acrylonitrile	100 ug/mL
					VMEPA1016_00003	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
..VM30006_00004	11/30/13		Restek, Lot A076449		(Purchased Reagent)		2-Butanone (MEK)	5000 ug/mL
							2-Hexanone	5000 ug/mL
							4-Methyl-2-pentanone (MIBK)	5000 ug/mL
							Acetone	5000 ug/mL
..VMCU5013_00008	01/31/13		Ultra, Lot CJ-3443		(Purchased Reagent)		Vinyl acetate	2500 ug/mL
..VMCUS8634_00007	01/31/13		Ultra, Lot CJ-3453		(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Acrolein	25000 ug/mL
							Acrylonitrile	5000 ug/mL
..VMEPA1016_00003	04/30/13		Ultra, Lot CG-0850		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
VMSUPPW_00105	12/21/12	12/14/12	MEOH, Lot na	1 mL	VMSUPP_00018	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	50 ug/mL
							Acetonitrile	500 ug/mL
							Acrolein	500 ug/mL
							Acrylonitrile	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
.VMSUPP_00018	01/31/13	09/27/12	MEOH, Lot 123279	50 mL	VM30006_00004	1 mL	2-Butanone (MEK)	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VMCU5013_00008	1 mL	Vinyl acetate	50 ug/mL
					VMCUS8634_00007	1 mL	Acetonitrile	500 ug/mL
							Acrolein	500 ug/mL
							Acrylonitrile	100 ug/mL
					VMEPA1016_00003	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
..VM30006_00004	11/30/13	Restek, Lot A076449			(Purchased Reagent)		2-Butanone (MEK)	5000 ug/mL
							2-Hexanone	5000 ug/mL
							4-Methyl-2-pentanone (MIBK)	5000 ug/mL
							Acetone	5000 ug/mL
..VMCU5013_00008	01/31/13	Ultra, Lot CJ-3443			(Purchased Reagent)		Vinyl acetate	2500 ug/mL
..VMCUS8634_00007	01/31/13	Ultra, Lot CJ-3453			(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Acrolein	25000 ug/mL
							Acrylonitrile	5000 ug/mL
..VMEPA1016_00003	04/30/13	Ultra, Lot CG-0850			(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
VMUX8SS_00008	06/11/13	12/11/12	MEOH, Lot 123279	100 mL	VMCUS8125_00005	866 uL	1,2-Dichloroethane-d4 (Surr)	216.5 ug/mL
							4-Bromofluorobenzene (Surr)	216.5 ug/mL
							Dibromofluoromethane (Surr)	216.5 ug/mL
							Toluene-d8 (Surr)	216.5 ug/mL
.VMCUS8125_00005	10/31/14	Ultra Scientific, Lot CG-3334			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	25000 ug/mL
							4-Bromofluorobenzene (Surr)	25000 ug/mL
							Dibromofluoromethane (Surr)	25000 ug/mL
							Toluene-d8 (Surr)	25000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
CANMS2_00001	07/10/13		High Purity Standards, Lot 1218529		(Purchased Reagent)		Aluminum	1000 ug/mL
							Calcium	1000 ug/mL
							Iron	1000 ug/mL
							Magnesium	1000 ug/mL
							Potassium	1000 ug/mL
							Sodium	1000 ug/mL
CANMSA)Low_00001	01/10/13		High Purity Standards, Lot 1102022		(Purchased Reagent)		Arsenic	10 ug/mL
							B	10 ug/mL
							Barium	10 ug/mL
							Beryllium	10 ug/mL
							Cadmium	10 ug/mL
							Chromium	10 ug/mL
							Cobalt	10 ug/mL
							Copper	10 ug/mL
							Lead	10 ug/mL
							Manganese	10 ug/mL
							Nickel	10 ug/mL
							Selenium	10 ug/mL
							Sr	10 ug/mL
							Thallium	10 ug/mL
							Vanadium	10 ug/mL
							Zinc	10 ug/mL
CANMSA_High_00001	09/11/13		High Purity Standards, Lot 1225405		(Purchased Reagent)		Arsenic	100 ug/mL
							Barium	100 ug/mL
							Beryllium	100 ug/mL
							Cadmium	100 ug/mL
							Chromium	100 ug/mL
							Cobalt	100 ug/mL
							Copper	100 ug/mL
							Lead	100 ug/mL
							Manganese	100 ug/mL
							Nickel	100 ug/mL
							Selenium	100 ug/mL
							Sr	100 ug/mL
							Thallium	25 ug/mL
							Vanadium	100 ug/mL
							Zinc	100 ug/mL
CANMSB_High_00001	09/11/13		High Purity Standards, Lot 1225412		(Purchased Reagent)		Antimony	10 ug/mL
							B	10 ug/mL
							Mo	10 ug/mL
							Silver	10 ug/mL
							Sn	10 ug/mL
							Ti	10 ug/mL
CANMSB_Low_00001	01/10/13		High Purity Standards, Lot 1102023		(Purchased Reagent)		Antimony	10 ug/mL
							Mo	10 ug/mL
							Silver	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Sn	10 ug/mL
							Ti	10 ug/mL
MCCV1X_00031	01/06/13	12/06/12	DI Water, Lot K35N55	500 mL	MCALSPECAREV_00003	10 mL	Aluminum	0.5 ppm
							Arsenic	0.1 ppm
							Barium	0.1 ppm
							Beryllium	0.1 ppm
							Cadmium	0.1 ppm
							Calcium	50 ppm
							Chromium	0.1 ppm
							Cobalt	0.1 ppm
							Copper	0.1 ppm
							Iron	25 ppm
							Lead	0.1 ppm
							Magnesium	50 ppm
							Manganese	0.5 ppm
							Nickel	0.1 ppm
							Potassium	50 ppm
							Selenium	0.1 ppm
							Silver	0.1 ppm
							Sodium	50 ppm
							Thallium	0.1 ppm
							Vanadium	0.1 ppm
							Zinc	0.1 ppm
					MCALSPECB_00004	10 mL	Antimony	0.1 ppm
.MCALSPECAREV_00003	04/01/13	Inorganic Ventures, Lot F2-MEB415031			(Purchased Reagent)		Aluminum	25 ppm
							Arsenic	5 ppm
							Barium	5 ppm
							Beryllium	5 ppm
							Cadmium	5 ppm
							Calcium	2500 ppm
							Chromium	5 ppm
							Cobalt	5 ppm
							Copper	5 ppm
							Iron	1250 ppm
							Lead	5 ppm
							Magnesium	2500 ppm
							Manganese	25 ppm
							Nickel	5 ppm
							Potassium	2500 ppm
							Selenium	5 ppm
							Silver	5 ppm
							Sodium	2500 ppm
							Thallium	5 ppm
							Vanadium	5 ppm
							Zinc	5 ppm
.MCALSPECB_00004	04/01/13	Inorganic Ventures, Lot F2-MEB415032			(Purchased Reagent)		Antimony	5 ppm
MCRIX_00024	03/08/13	12/08/12	HNO3, Lot K09N65	250 mL	MMSCRI-1B_00002	1 mL	Aluminum	0.03 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Arsenic	0.001 ppm
							Barium	0.01 ppm
							Beryllium	0.001 ppm
							Cadmium	0.001 ppm
							Calcium	0.1 ppm
							Chromium	0.002 ppm
							Cobalt	0.0005 ppm
							Copper	0.002 ppm
							Iron	0.05 ppm
							Lead	0.001 ppm
							Magnesium	0.1 ppm
							Manganese	0.005 ppm
							Nickel	0.001 ppm
							Potassium	0.1 ppm
							Selenium	0.005 ppm
							Silver	0.001 ppm
							Sodium	0.1 ppm
							Thallium	0.001 ppm
							Vanadium	0.001 ppm
							Zinc	0.005 ppm
					MMSCRI-2_00004	1 mL	Antimony	0.002 ppm
.MMSCRI-1B_00002	10/01/13	Inorganic Ventures, Lot F2-MEB439152			(Purchased Reagent)		Aluminum	7.5 ppm
							Arsenic	0.25 ppm
							Barium	2.5 ppm
							Beryllium	0.25 ppm
							Cadmium	0.25 ppm
							Calcium	25 ppm
							Chromium	0.5 ppm
							Cobalt	0.125 ppm
							Copper	0.5 ppm
							Iron	12.5 ppm
							Lead	0.25 ppm
							Magnesium	25 ppm
							Manganese	1.25 ppm
							Nickel	0.25 ppm
							Potassium	25 ppm
							Selenium	1.25 ppm
							Silver	0.25 ppm
							Sodium	25 ppm
							Thallium	0.25 ppm
							Vanadium	0.25 ppm
							Zinc	1.25 ppm
.MMSCRI-2_00004	10/01/13	Inorganic Ventures, Lot F2-MEB436153			(Purchased Reagent)		Antimony	0.5 ppm
MICPMSICV_00012	12/30/12	12/03/12	2% Nitric Acid, Lot K09N65	250 mg/L	MICPMSICV_00005	10 mg/L	Aluminum	0.4 mg/L
							Antimony	0.08 mg/L
							Arsenic	0.08 mg/L
							Barium	0.08 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Beryllium	0.08 mg/L
							Cadmium	0.08 mg/L
							Calcium	40 mg/L
							Chromium	0.08 mg/L
							Cobalt	0.08 mg/L
							Copper	0.08 mg/L
							Iron	20 mg/L
							Lead	0.08 mg/L
							Magnesium	40 mg/L
							Manganese	0.4 mg/L
							Nickel	0.08 mg/L
							Potassium	40 mg/L
							Selenium	0.08 mg/L
							Silver	0.08 mg/L
							Sodium	40 mg/L
							Thallium	0.08 mg/L
							Vanadium	0.08 mg/L
							Zinc	0.08 mg/L
.MICPMSICV_00005	12/30/12		SPEX CertiPrep, Lot 26-209JB		(Purchased Reagent)		Aluminum	10 ppm
							Antimony	2 ppm
							Arsenic	2 ppm
							Barium	2 ppm
							Beryllium	2 ppm
							Cadmium	2 ppm
							Calcium	1000 ppm
							Chromium	2 ppm
							Cobalt	2 ppm
							Copper	2 ppm
							Iron	500 ppm
							Lead	2 ppm
							Magnesium	1000 ppm
							Manganese	10 ppm
							Nickel	2 ppm
							Potassium	1000 ppm
							Selenium	2 ppm
							Silver	2 ppm
							Sodium	1000 ppm
							Thallium	2 ppm
							Vanadium	2 ppm
							Zinc	2 ppm
MICSABX_00026	03/08/13	12/08/12	DI Water, Lot J38N82	100 mL	M6020ICS-0A_00003	10 mL	Aluminum	100 ppm
							Calcium	100 ppm
							Iron	100 ppm
							Magnesium	100 ppm
							Mo	2 ppm
							Potassium	100 ppm
							Sodium	100 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Ti	2 ppm
					M6020ICS-0B_00004	1 mL	Arsenic	0.02 ppm
							Cadmium	0.02 ppm
							Chromium	0.02 ppm
							Cobalt	0.02 ppm
							Copper	0.02 ppm
							Manganese	0.0225 ppm
							Nickel	0.02 ppm
							Silver	0.02 ppm
							Zinc	0.025 ppm
					MMSICSAB-1_00004	0.2 mL	Barium	0.02 ppm
							Beryllium	0.02 ppm
							Lead	0.02 ppm
							Sr	0.02 ppm
							Thallium	0.02 ppm
							Vanadium	0.02 ppm
					MMSICSAB-2_00004	0.2 mL	Antimony	0.02 ppm
							B	0.05 ppm
							Selenium	0.05 ppm
							Si	0.5 ppm
							Sn	0.1 ppm
.M6020ICS-0A_00003	11/01/13		Inorganic Ventures, Lot F2-MEB418129		(Purchased Reagent)		Aluminum	1000 ppm
							Calcium	1000 ppm
							Iron	1000 ppm
							Magnesium	1000 ppm
							Mo	20 ppm
							Potassium	1000 ppm
							Sodium	1000 ppm
							Ti	20 ppm
.M6020ICS-0B_00004	11/01/13		Inorganic Ventures, Lot F2-MEB415126		(Purchased Reagent)		Arsenic	2 ppm
							Cadmium	2 ppm
							Chromium	2 ppm
							Cobalt	2 ppm
							Copper	2 ppm
							Manganese	2.25 ppm
							Nickel	2 ppm
							Silver	2 ppm
							Zinc	2.5 ppm
.MMSICSAB-1_00004	04/01/13		Inorganic Ventures, Lot F2-MEB415033		(Purchased Reagent)		Barium	10 ppm
							Beryllium	10 ppm
							Lead	10 ppm
							Sr	10 ppm
							Thallium	10 ppm
							Vanadium	10 ppm
.MMSICSAB-2_00004	04/01/13		Inorganic Ventures, Lot F2-MEB361116		(Purchased Reagent)		Antimony	10 ppm
							B	25 ppm
							Selenium	25 ppm
							Si	250 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Sn	50 ppm
MICSAX_00023	03/08/13	12/08/12	DI Water, Lot J38N82	100 mL	M6020ICS-0A_00003	10 mL	Aluminum	100 ppm
							Calcium	100 ppm
							Iron	100 ppm
							Magnesium	100 ppm
							Mo	2 ppm
							Potassium	100 ppm
							Sodium	100 ppm
							Ti	2 ppm
.M6020ICS-0A_00003	11/01/13	Inorganic Ventures, Lot F2-MEB418129			(Purchased Reagent)		Aluminum	1000 ppm
							Calcium	1000 ppm
							Iron	1000 ppm
							Magnesium	1000 ppm
							Mo	20 ppm
							Potassium	1000 ppm
							Sodium	1000 ppm
							Ti	20 ppm
MSTD2X_00015	02/18/13	11/18/12	DI Water, Lot K35N55	250 mL	MCALSPECAREV_00003	10 mL	Aluminum	1 ppm
							Arsenic	0.2 ppm
							Barium	0.2 ppm
							Beryllium	0.2 ppm
							Cadmium	0.2 ppm
							Calcium	100 ppm
							Chromium	0.2 ppm
							Cobalt	0.2 ppm
							Copper	0.2 ppm
							Iron	50 ppm
							Lead	0.2 ppm
							Magnesium	100 ppm
							Manganese	1 ppm
							Nickel	0.2 ppm
							Potassium	100 ppm
							Selenium	0.2 ppm
							Silver	0.2 ppm
							Sodium	100 ppm
							Thallium	0.2 ppm
							Vanadium	0.2 ppm
							Zinc	0.2 ppm
.MCALSPECAREV_00003	04/01/13	Inorganic Ventures, Lot F2-MEB415031			(Purchased Reagent)		Aluminum	25 ppm
							Arsenic	5 ppm
							Barium	5 ppm
							Beryllium	5 ppm
							Cadmium	5 ppm
							Calcium	2500 ppm
							Chromium	5 ppm
							Cobalt	5 ppm
							Copper	5 ppm

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Iron	1250 ppm
							Lead	5 ppm
							Magnesium	2500 ppm
							Manganese	25 ppm
							Nickel	5 ppm
							Potassium	2500 ppm
							Selenium	5 ppm
							Silver	5 ppm
							Sodium	2500 ppm
							Thallium	5 ppm
							Vanadium	5 ppm
							Zinc	5 ppm
MSTD3X_00016	02/18/13	11/18/12	DI Water, Lot K35N55	250 mL	MCALSPECB_00004	10 mL	Antimony	0.2 ppm
.MCALSPECB_00004	04/01/13	Inorganic Ventures, Lot F2-MEB415032			(Purchased Reagent)		Antimony	5 ppm
MTAPITTICPMS_00008	03/01/13	INORGANIC VENTURES, Lot F2-MEB410066			(Purchased Reagent)		Aluminum	200 ug/mL
							Arsenic	4 ug/mL
							Barium	200 ug/mL
							Beryllium	5 ug/mL
							Cadmium	5 ug/mL
							Chromium	20 ug/mL
							Cobalt	50 ug/mL
							Copper	25 ug/mL
							Iron	100 ug/mL
							Lead	2 ug/mL
							Manganese	50 ug/mL
							Nickel	50 ug/mL
							Selenium	1 ug/mL
							Silver	5 ug/mL
							Thallium	5 ug/mL
							Vanadium	50 ug/mL
							Zinc	50 ug/mL
MTAPITTMSA_00008	07/01/13	INORGANIC VENTURES, Lot E2-MEB404058MCA			(Purchased Reagent)		Calcium	5000 ug/mL
							Magnesium	5000 ug/mL
							Potassium	5000 ug/mL
							Sodium	5000 ug/mL
MTAPITTMSC_00013	07/01/13	Inorganic Ventures, Lot F2-MED427091			(Purchased Reagent)		Antimony	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
HP34DNTSU_00008	05/15/13	11/15/12	Acetonitrile, Lot Acetonitrite_00001	50 mL	HP8330SU_00008	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
.HP8330SU_00008	05/15/13	Restek, Lot A087054			(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
HP8330IC_00005	10/19/12	06/13/12	25% 0.1%HOAc in ACN, Lot 4457-41A	10 mL	HP8330TA_00007	25 uL	1,3,5-Trinitrobenzene	500 ng/mL
							1,3-Dinitrobenzene	500 ng/mL
							2,4,6-Trinitrotoluene	500 ng/mL
							2,4-Dinitrotoluene	500 ng/mL
							2,6-Dinitrotoluene	500 ng/mL
							2-Amino-4,6-dinitrotoluene	500 ng/mL
							2-Nitrotoluene	500 ng/mL
							3-Nitrotoluene	500 ng/mL
							4-Amino-2,6-dinitrotoluene	500 ng/mL
							4-Nitrotoluene	500 ng/mL
							HMX	500 ng/mL
							Nitrobenzene	500 ng/mL
							RDX	500 ng/mL
							Tetryl	500 ng/mL
					HPNGTA_00011	5 uL	Nitroglycerin	500 ng/mL
					HPPETNTA_00006	5 uL	PETN	500 ng/mL
.HP8330TA_00007	10/30/12	Cerilliant, Lot ER083011-01			(Purchased Reagent)		1,3,5-Trinitrobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL
							2,4,6-Trinitrotoluene	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Amino-4,6-dinitrotoluene	200 ug/mL
							2-Nitrotoluene	200 ug/mL
							3-Nitrotoluene	200 ug/mL
							4-Amino-2,6-dinitrotoluene	200 ug/mL
							4-Nitrotoluene	200 ug/mL
							HMX	200 ug/mL
							Nitrobenzene	200 ug/mL
							RDX	200 ug/mL
							Tetryl	200 ug/mL
.HPNGTA_00011	10/31/12	Cerilliant, Lot FN052106-01			(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPETNTA_00006	10/30/12	Cerilliant, Lot FN102810-02			(Purchased Reagent)		PETN	1000 ug/mL
HP8330ICL_00002	12/07/12	07/27/12	25:75 HOAc/ACN, Lot 4457-41E	50 mL	HP34DNTSU_00004	20 uL	3,4-Dinitrotoluene	20 ng/mL
					HP8330SP_00006	5 uL	1,3,5-Trinitrobenzene	5 ng/mL
							1,3-Dinitrobenzene	5 ng/mL
							2,4,6-Trinitrotoluene	5 ng/mL
							2,4-Dinitrotoluene	5 ng/mL
							2,6-Dinitrotoluene	5 ng/mL
							2-Amino-4,6-dinitrotoluene	5 ng/mL
							2-Nitrotoluene	5 ng/mL
							3-Nitrotoluene	5 ng/mL
							4-Amino-2,6-dinitrotoluene	5 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrotoluene	5 ng/mL
							HMX	5 ng/mL
							Nitrobenzene	5 ng/mL
							RDX	5 ng/mL
							Tetryl	5 ng/mL
					HPNGSP_00004	20 uL	Nitroglycerin	20 ng/mL
					HPPETNSP_00003	20 uL	PETN	20 ng/mL
.HP34DNTSU_00004	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00004	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00004	12/07/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HP8330SP_00005	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP8330SP_00005	12/11/12		Restek, Lot A078069		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330ICL_00003	05/11/13	12/11/12	25:75 HOAc/ACN, Lot 4457-69F	50 mL	HP34DNTSU_00008	20 uL	3,4-Dinitrotoluene	20 ng/mL
					HP8330SP_00011	5 uL	1,3,5-Trinitrobenzene	5 ng/mL
							1,3-Dinitrobenzene	5 ng/mL
							2,4,6-Trinitrotoluene	5 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrotoluene	5 ng/mL
							2,6-Dinitrotoluene	5 ng/mL
							2-Amino-4,6-dinitrotoluene	5 ng/mL
							2-Nitrotoluene	5 ng/mL
							3-Nitrotoluene	5 ng/mL
							4-Amino-2,6-dinitrotoluene	5 ng/mL
							4-Nitrotoluene	5 ng/mL
							HMX	5 ng/mL
							Nitrobenzene	5 ng/mL
							RDX	5 ng/mL
							Tetryl	5 ng/mL
					HPNGPETNSP_00001	20 uL	Nitroglycerin	20 ng/mL
							PETN	20 ng/mL
.HP34DNTSU_00008	05/15/13	11/15/12	Acetonitrile, Lot Acetonitrite_00001	50 mL	HP8330SU_00008	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00008	05/15/13		Restek, Lot A087054		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00011	05/30/13	12/05/12	Acetonitrile, Lot 732	50 mL	HP8330TA_00009	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP8330TA_00009	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPNGPETNSP_00001	05/11/13	12/11/12	Methanol, Lot Methanol_00001	25 mL	HPNGTA_00012	1.25 mL	Nitroglycerin	50 ug/mL
					HPPETNTA_00010	1.25 mL	PETN	50 ug/mL
..HPNGTA_00012	05/30/16		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..HPPETNTA_00010	11/30/16	Restek, Lot A085138			(Purchased Reagent)		PETN	1000 ug/mL
HP8330L1_00004	12/07/12	08/29/12	25% 1%HoAC in ACN 75, Lot 4457-51G	50 mL	HP8330L4_00003	5 mL	3,4-Dinitrotoluene	5 ng/mL
							3,5-Dinitroaniline	5 ng/mL
							1,3,5-Trinitrobenzene	5 ng/mL
							1,3-Dinitrobenzene	5 ng/mL
							2,4,6-Trinitrotoluene	5 ng/mL
							2,4-Dinitrotoluene	5 ng/mL
							2,6-Dinitrotoluene	5 ng/mL
							2-Amino-4,6-dinitrotoluene	5 ng/mL
							2-Nitrotoluene	5 ng/mL
							3-Nitrotoluene	5 ng/mL
							4-Amino-2,6-dinitrotoluene	5 ng/mL
							4-Nitrotoluene	5 ng/mL
							HMX	5 ng/mL
							Nitrobenzene	5 ng/mL
							RDX	5 ng/mL
							Tetryl	5 ng/mL
							Ethylene glycol dinitrate	5 ng/mL
							Nitroglycerin	5 ng/mL
							2,4,6-Trinitrophenol	10 ng/mL
							PETN	5 ng/mL
.HP8330L4_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	50 mL	HP34DNTSU_00005	50 uL	3,4-Dinitrotoluene	50 ng/mL
					HP8330SP_00008	50 uL	3,5-Dinitroaniline	50 ng/mL
							1,3,5-Trinitrobenzene	50 ng/mL
							1,3-Dinitrobenzene	50 ng/mL
							2,4,6-Trinitrotoluene	50 ng/mL
							2,4-Dinitrotoluene	50 ng/mL
							2,6-Dinitrotoluene	50 ng/mL
							2-Amino-4,6-dinitrotoluene	50 ng/mL
							2-Nitrotoluene	50 ng/mL
							3-Nitrotoluene	50 ng/mL
							4-Amino-2,6-dinitrotoluene	50 ng/mL
							4-Nitrotoluene	50 ng/mL
							HMX	50 ng/mL
							Nitrobenzene	50 ng/mL
							RDX	50 ng/mL
							Tetryl	50 ng/mL
					HPEGDNSP_00003	50 uL	Ethylene glycol dinitrate	50 ng/mL
					HPNGSP_00004	50 uL	Nitroglycerin	50 ng/mL
					HPPASP_00006	100 uL	2,4,6-Trinitrophenol	100 ng/mL
					HPPETNSP_00003	50 uL	PETN	50 ng/mL
..HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
...HP8330SU_00006	01/27/13	Restek, Lot A082463			(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
..HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
...HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
...HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
..HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
...HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
..HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
...HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
..HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
...HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
..HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
...HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L2_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	50 mL	HP34DNTSU_00005	10 uL	3,4-Dinitrotoluene	10 ng/mL
					HP8330SP_00008	10 uL	3,5-Dinitroaniline	10 ng/mL
							1,3,5-Trinitrobenzene	10 ng/mL
							1,3-Dinitrobenzene	10 ng/mL
							2,4,6-Trinitrotoluene	10 ng/mL
							2,4-Dinitrotoluene	10 ng/mL
							2,6-Dinitrotoluene	10 ng/mL
							2-Amino-4,6-dinitrotoluene	10 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitrotoluene	10 ng/mL
							3-Nitrotoluene	10 ng/mL
							4-Amino-2,6-dinitrotoluene	10 ng/mL
							4-Nitrotoluene	10 ng/mL
							HMX	10 ng/mL
							Nitrobenzene	10 ng/mL
							RDX	10 ng/mL
							Tetryl	10 ng/mL
					HPEGDNSP_00003	10 uL	Ethylene glycol dinitrate	10 ng/mL
					HPNGSP_00004	10 uL	Nitroglycerin	10 ng/mL
					HPPASP_00006	20 uL	2,4,6-Trinitrophenol	20 ng/mL
					HPPETNSP_00003	10 uL	PETN	10 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L3_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	50 mL	HP34DNTSU_00005	20 uL	3,4-Dinitrotoluene	20 ng/mL
					HP8330SP_00008	20 uL	3,5-Dinitroaniline	20 ng/mL
							1,3,5-Trinitrobenzene	20 ng/mL
							1,3-Dinitrobenzene	20 ng/mL
							2,4,6-Trinitrotoluene	20 ng/mL
							2,4-Dinitrotoluene	20 ng/mL
							2,6-Dinitrotoluene	20 ng/mL
							2-Amino-4,6-dinitrotoluene	20 ng/mL
							2-Nitrotoluene	20 ng/mL
							3-Nitrotoluene	20 ng/mL
							4-Amino-2,6-dinitrotoluene	20 ng/mL
							4-Nitrotoluene	20 ng/mL
							HMX	20 ng/mL
							Nitrobenzene	20 ng/mL
							RDX	20 ng/mL
							Tetryl	20 ng/mL
					HPEGDNSP_00003	20 uL	Ethylene glycol dinitrate	20 ng/mL
					HPNGSP_00004	20 uL	Nitroglycerin	20 ng/mL
					HPPASP_00006	50 uL	2,4,6-Trinitrophenol	50 ng/mL
					HPPETNSP_00003	20 uL	PETN	20 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L4_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	50 mL	HP34DNTSU_00005	50 uL	3,4-Dinitrotoluene	50 ng/mL
					HP8330SP_00008	50 uL	3,5-Dinitroaniline	50 ng/mL
							1,3,5-Trinitrobenzene	50 ng/mL
							1,3-Dinitrobenzene	50 ng/mL
							2,4,6-Trinitrotoluene	50 ng/mL
							2,4-Dinitrotoluene	50 ng/mL
							2,6-Dinitrotoluene	50 ng/mL
							2-Amino-4,6-dinitrotoluene	50 ng/mL
							2-Nitrotoluene	50 ng/mL
							3-Nitrotoluene	50 ng/mL
							4-Amino-2,6-dinitrotoluene	50 ng/mL
							4-Nitrotoluene	50 ng/mL
							HMX	50 ng/mL
							Nitrobenzene	50 ng/mL
							RDX	50 ng/mL
							Tetryl	50 ng/mL
					HPEGDNSP_00003	50 uL	Ethylene glycol dinitrate	50 ng/mL
					HPNGSP_00004	50 uL	Nitroglycerin	50 ng/mL
					HPPASP_00006	100 uL	2,4,6-Trinitrophenol	100 ng/mL
					HPPETNSP_00003	50 uL	PETN	50 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L5_00004	12/07/12	08/29/12	25% 1%HoAC in ACN 75, Lot 4457-17F	200 mL	HP34DNTSU_00005	400 uL	3,4-Dinitrotoluene	100 ng/mL
					HP8330SP_00008	400 uL	3,5-Dinitroaniline	100 ng/mL
							1,3,5-Trinitrobenzene	100 ng/mL
							1,3-Dinitrobenzene	100 ng/mL
							2,4,6-Trinitrotoluene	100 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrotoluene	100 ng/mL
							2,6-Dinitrotoluene	100 ng/mL
							2-Amino-4,6-dinitrotoluene	100 ng/mL
							2-Nitrotoluene	100 ng/mL
							3-Nitrotoluene	100 ng/mL
							4-Amino-2,6-dinitrotoluene	100 ng/mL
							4-Nitrotoluene	100 ng/mL
							HMX	100 ng/mL
							Nitrobenzene	100 ng/mL
							RDX	100 ng/mL
							Tetryl	100 ng/mL
					HPEGDNSP_00003	400 uL	Ethylene glycol dinitrate	100 ng/mL
					HPNGSP_00004	400 uL	Nitroglycerin	100 ng/mL
					HPPASP_00006	800 uL	2,4,6-Trinitrophenol	200 ng/mL
					HPPETNSP_00003	400 uL	PETN	100 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13	Restek, Lot A082463			(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16	Restek, Lot A085338			(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15	Restek, Lot A084334			(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L5_00006	02/28/13	12/05/12	25% 1%HoAC in ACN 75, Lot 4457-63F	100 mL	HP34DNTSU_00008	200 uL	3,4-Dinitrotoluene	100 ng/mL
					HP8330SP_00011	200 uL	1,3,5-Trinitrobenzene	100 ng/mL
							1,3-Dinitrobenzene	100 ng/mL
							2,4,6-Trinitrotoluene	100 ng/mL
							2,4-Dinitrotoluene	100 ng/mL
							2,6-Dinitrotoluene	100 ng/mL
							2-Amino-4,6-dinitrotoluene	100 ng/mL
							2-Nitrotoluene	100 ng/mL
							3-Nitrotoluene	100 ng/mL
							4-Amino-2,6-dinitrotoluene	100 ng/mL
							4-Nitrotoluene	100 ng/mL
							HMX	100 ng/mL
							Nitrobenzene	100 ng/mL
							RDX	100 ng/mL
							Tetryl	100 ng/mL
					HPNGSP_00007	200 uL	Nitroglycerin	100 ng/mL
					HPPETNSP_00005	200 uL	PETN	100 ng/mL
.HP34DNTSU_00008	05/15/13	11/15/12	Acetonitrile, Lot Acetonitrite_00001	50 mL	HP8330SU_00008	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00008	05/15/13		Restek, Lot A087054		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00011	05/30/13	12/05/12	Acetonitrile, Lot 732	50 mL	HP8330TA_00009	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP8330TA_00009	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPNGSP_00007	03/06/13	09/05/12	Methanol, Lot K18E18	50 mL	HPNGTA_00003	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00003	03/06/13		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPETNSP_00005	03/05/13	09/05/12	Methanol, Lot K41815	50 mL	HPPETNTA_00009	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00009	03/05/13		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L6_00004	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	100 mL	HP34DNTSU_00005	400 uL	3,4-Dinitrotoluene	200 ng/mL
					HP8330SP_00008	400 uL	3,5-Dinitroaniline	200 ng/mL
							1,3,5-Trinitrobenzene	200 ng/mL
							1,3-Dinitrobenzene	200 ng/mL
							2,4,6-Trinitrotoluene	200 ng/mL
							2,4-Dinitrotoluene	200 ng/mL
							2,6-Dinitrotoluene	200 ng/mL
							2-Amino-4,6-dinitrotoluene	200 ng/mL
							2-Nitrotoluene	200 ng/mL
							3-Nitrotoluene	200 ng/mL
							4-Amino-2,6-dinitrotoluene	200 ng/mL
							4-Nitrotoluene	200 ng/mL
							HMX	200 ng/mL
							Nitrobenzene	200 ng/mL
							RDX	200 ng/mL
							Tetryl	200 ng/mL
					HPEGDNSP_00003	400 uL	Ethylene glycol dinitrate	200 ng/mL
					HPNGSP_00004	400 uL	Nitroglycerin	200 ng/mL
					HPPASP_00006	1000 uL	2,4,6-Trinitrophenol	500 ng/mL
					HPPETNSP_00003	400 uL	PETN	200 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L6_00006	02/28/13	12/05/12	25% 0.1%HoAC in ACN, Lot 4457-63F	100 mL	HP34DNTSU_00008	400 uL	3,4-Dinitrotoluene	200 ng/mL
					HP8330SP_00011	400 uL	1,3,5-Trinitrobenzene	200 ng/mL
							1,3-Dinitrobenzene	200 ng/mL
							2,4,6-Trinitrotoluene	200 ng/mL
							2,4-Dinitrotoluene	200 ng/mL
							2,6-Dinitrotoluene	200 ng/mL
							2-Amino-4,6-dinitrotoluene	200 ng/mL
							2-Nitrotoluene	200 ng/mL
							3-Nitrotoluene	200 ng/mL
							4-Amino-2,6-dinitrotoluene	200 ng/mL
							4-Nitrotoluene	200 ng/mL
							HMX	200 ng/mL
							Nitrobenzene	200 ng/mL
							RDX	200 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetryl	200 ng/mL
					HPNGSP_00007	400 uL	Nitroglycerin	200 ng/mL
					HPPETNSP_00005	400 uL	PETN	200 ng/mL
.HP34DNTSU_00008	05/15/13	11/15/12	Acetonitrile, Lot Acetonitrite_00001	50 mL	HP8330SU_00008	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00008	05/15/13		Restek, Lot A087054		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00011	05/30/13	12/05/12	Acetonitrile, Lot 732	50 mL	HP8330TA_00009	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP8330TA_00009	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPNGSP_00007	03/06/13	09/05/12	Methanol, Lot K18E18	50 mL	HPNGTA_00003	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00003	03/06/13		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPETNSP_00005	03/05/13	09/05/12	Methanol, Lot K41815	50 mL	HPPETNTA_00009	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00009	03/05/13		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L7_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	25 mL	HP34DNTSU_00005	150 uL	3,4-Dinitrotoluene	300 ng/mL
					HP8330SP_00008	250 uL	3,5-Dinitroaniline	500 ng/mL
							1,3,5-Trinitrobenzene	500 ng/mL
							1,3-Dinitrobenzene	500 ng/mL
							2,4,6-Trinitrotoluene	500 ng/mL
							2,4-Dinitrotoluene	500 ng/mL
							2,6-Dinitrotoluene	500 ng/mL
							2-Amino-4,6-dinitrotoluene	500 ng/mL
							2-Nitrotoluene	500 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Nitrotoluene	500 ng/mL
							4-Amino-2,6-dinitrotoluene	500 ng/mL
							4-Nitrotoluene	500 ng/mL
							HMX	500 ng/mL
							Nitrobenzene	500 ng/mL
							RDX	500 ng/mL
							Tetryl	500 ng/mL
					HPEGDNSP_00003	250 uL	Ethylene glycol dinitrate	500 ng/mL
					HPNGSP_00004	250 uL	Nitroglycerin	500 ng/mL
					HPPASP_00006	500 uL	2,4,6-Trinitrophenol	1000 ng/mL
					HPPETNSP_00003	250 uL	PETN	500 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13	Restek, Lot A082463			(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16	Restek, Lot A085338			(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15	Restek, Lot A084334			(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12	Restek, Lot A066822			(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L8_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	25 mL	HP34DNTSU_00005	250 uL	3,4-Dinitrotoluene	500 ng/mL
					HP8330SP_00008	500 uL	3,5-Dinitroaniline	1000 ng/mL
							1,3,5-Trinitrobenzene	1000 ng/mL
							1,3-Dinitrobenzene	1000 ng/mL
							2,4,6-Trinitrotoluene	1000 ng/mL
							2,4-Dinitrotoluene	1000 ng/mL
							2,6-Dinitrotoluene	1000 ng/mL
							2-Amino-4,6-dinitrotoluene	1000 ng/mL
							2-Nitrotoluene	1000 ng/mL
							3-Nitrotoluene	1000 ng/mL
							4-Amino-2,6-dinitrotoluene	1000 ng/mL
							4-Nitrotoluene	1000 ng/mL
							HMX	1000 ng/mL
							Nitrobenzene	1000 ng/mL
							RDX	1000 ng/mL
							Tetryl	1000 ng/mL
					HPEGDNSP_00003	500 uL	Ethylene glycol dinitrate	1000 ng/mL
					HPNGSP_00004	500 uL	Nitroglycerin	1000 ng/mL
					HPPASP_00006	1 mL	2,4,6-Trinitrophenol	2000 ng/mL
					HPPETNSP_00003	500 uL	PETN	1000 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330SP_00011	05/30/13	12/05/12	Acetonitrile, Lot 732	50 mL	HP35DNATA_00010	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00009	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
.HP35DNATA_00010	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
.HP8330TA_00009	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
HPNCSP_00007	04/05/13	11/05/12	Acetone, Lot Acetone_00004	200 mL	HPNCTA_00001	0.102 g	Nitrocellulose	510 ug/mL
.HPNCTA_00001	03/19/17		Theater Affects, Lot 031912		(Purchased Reagent)		Nitrocellulose	1 g/g
HPNGPETNSP_00001	05/11/13	12/11/12	Methanol, Lot Methanol_00001	25 mL	HPNGTA_00012	1.25 mL	Nitroglycerin	50 ug/mL
					HPPETNTA_00010	1.25 mL	PETN	50 ug/mL
.HPNGTA_00012	05/30/16		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPETNTA_00010	11/30/16		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HPNQ2xMDL_00002	04/15/13	10/16/12	DI Water, Lot M10152012	4 mL	HPNQL2_00003	1 mL	Nitroguanidine	5 ng/mL
.HPNQL2_00003	04/15/13	10/16/12	Water, Lot M10152012	50 mL	HPNQSP_00006	20 uL	Nitroguanidine	20 ng/mL
..HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
...HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQIC_00003	06/26/13	12/26/12	Water, Lot NA	50 mL	HPNQTA_00010	100 uL	Nitroguanidine	200 ng/mL
.HPNQTA_00010	06/26/13		AccuStandard, Inc, Lot 211111014		(Purchased Reagent)		Nitroguanidine	100 ug/mL
HPNQL2_00003	04/15/13	10/16/12	Water, Lot M10152012	50 mL	HPNQSP_00006	20 uL	Nitroguanidine	20 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL3_00003	04/15/13	10/12/12	Water, Lot M10152012	50 mL	HPNQSP_00006	50 uL	Nitroguanidine	50 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL4_00003	04/15/13	10/16/12	Water, Lot M10152012	50 mL	HPNQSP_00006	100 uL	Nitroguanidine	100 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL5_00003	04/15/13	10/16/12	Water, Lot M10152012	50 mL	HPNQSP_00006	200 uL	Nitroguanidine	200 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL6_00003	04/15/13	10/16/12	Water, Lot M10152012	25 mL	HPNQSP_00006	250 uL	Nitroguanidine	500 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL7_00003	04/15/13	10/16/12	Water, Lot M10152012	25 mL	HPNQSP_00006	500 uL	Nitroguanidine	1000 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
.HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL
WC-353.2-ICV_00015	01/17/13	12/17/12	DI Water, Lot xxxx	100 mL	WC-N02-1000_00016	0.05 mL	Nitrate Nitrite as N	1 mg/L as N
							Nitrocellulose	8.403 mg/L as N
					WC-N03-1000_00006	0.05 mL	Nitrate Nitrite as N	1 mg/L as N

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrocellulose	8.403 mg/L as N
.WC-N02-1000_00016	08/14/13	CPI International, Lot 12B200			(Purchased Reagent)		Nitrate Nitrite as N	1000 mg/L as N
							Nitrocellulose	8403 mg/L as N
.WC-N03-1000_00006	08/14/13	RICCA, Lot 1204143			(Purchased Reagent)		Nitrate Nitrite as N	1000 mg/L as N
							Nitrocellulose	8403 mg/L as N
WC-353.2-L1_00014	01/17/13	12/17/12	DI Water, Lot xxxx	100 mL	WC-353.2-INT_00011	0.05 mL	Nitrocellulose	0.42015 mg/L as N
.WC-353.2-INT_00011	01/17/13	12/17/12	DI Water, Lot xxxxxxx	10 mL	WC-N02-1000_00017	0.5 mL	Nitrocellulose	840.3 mg/L as N
					WC-N03-1000_00007	0.5 mL	Nitrocellulose	840.3 mg/L as N
..WC-N02-1000_00017	11/09/13	ERA, Lot 210912			(Purchased Reagent)		Nitrocellulose	8403 mg/L as N
..WC-N03-1000_00007	04/19/13	ERA, Lot 2040212			(Purchased Reagent)		Nitrocellulose	8403 mg/L as N
WC-353.2-L4_00010	01/17/13	12/17/12	DI Water, Lot xxxx	100 mL	WC-353.2-INT_00011	1 mL	Nitrate Nitrite as N	1 mg/L as N
							Nitrocellulose	8.403 mg/L as N
.WC-353.2-INT_00011	01/17/13	12/17/12	DI Water, Lot xxxxxxx	10 mL	WC-N02-1000_00017	0.5 mL	Nitrate Nitrite as N	100 mg/L as N
							Nitrocellulose	840.3 mg/L as N
					WC-N03-1000_00007	0.5 mL	Nitrate Nitrite as N	100 mg/L as N
							Nitrocellulose	840.3 mg/L as N
..WC-N02-1000_00017	11/09/13	ERA, Lot 210912			(Purchased Reagent)		Nitrate Nitrite as N	1000 mg/L as N
							Nitrocellulose	8403 mg/L as N
..WC-N03-1000_00007	04/19/13	ERA, Lot 2040212			(Purchased Reagent)		Nitrate Nitrite as N	1000 mg/L as N
							Nitrocellulose	8403 mg/L as N

HIGH-PURITY STANDARDS
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P.O. Box 41727
Charleston, SC 29423
Phone (843) 767-7900
Fax (843) 767-7906

Certificate of Analysis

rec'd SG 8-24-12

Product Description:

Name:	Mercury	Source Material:	Mercury Metal
Part Number:	**10 33-1**	Material Purity:	99.9998%
Lot Number:	**1221902**	Matrix:	5% (v/v) HNO_3

Certified Value: 10.0 µg/mL ± 0.1 µg/mL

The Certified value is based on gravimetric and volumetric preparation, and confirmed against SRM 3133 (lot number 061204) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory-developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2.

Preparation Information:

The standard solution is prepared using high purity materials and assayed by analytical methods for conformity prior to use. This standard was prepared using the methods developed at NIST for SRM Spectrometric Standard Solutions under appropriate laboratory conditions.

Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 mega ohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.
The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards:**
The Calibration Standard is directly traceable to SRM 3100 Series Spectrometric Standard Solutions.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: August 6, 2012
Shipped Date: AUG 2 0 2012
Expiration Date: AUG 2 0 2013
Certificate Issue Date: August 7, 2012

Quality Information:

ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

NOTICE: HPS products are intended for laboratory use only. All products should be handled and used by trained professional personnel. The responsibility for the safe handling and use of these products rests solely with the buyer and/or user. The data and information as stated was furnished by the manufacturer of the product. The information provided in this certificate pertains only to the lot number specified. None of the information provided in this certificate may be used, reproduced or transmitted in any form or by any means without written approval from High Purity Standards.

High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

Certificate of Analysis

Aroclor 1016 Solution

Product Number: PP-281 **Page:** 1 of 1

Lot Number: CF-0785 **Lot Issue Date:** 26-Feb-2009 **Expiration Date:** 31-Mar-2017

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1016	012674-11-2	F216A	100.3 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1221 Solution

Product Number: PP-291 **Page:** 1 of 1

Lot Number: CB-1791Z **Lot Issue Date:** 01-Nov-2011 **Expiration Date:** 31-Dec-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1221	011104-28-2	AM-24	100.4 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005
Accredited
A2LA
Cert. No. 0851-01

ISO 9001:2008
Registered
TUV USA, Inc.
Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1232 Solution

Product Number: PP-301 **Page:** 1 of 1

Lot Number: CG-3213 **Lot Issue Date:** 28-Sep-2010 **Expiration Date:** 31-Oct-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1232	011141-16-5	NT01717	100.3 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01

ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1242 Solution

Product Number: PP-311 **Page:** 1 of 1

Lot Number: CH-2711 **Lot Issue Date:** 25-Aug-2011 **Expiration Date:** 30-Sep-2019

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1242	053469-21-9	NT01020	100.4 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1248 Solution

Product Number: PP-341 **Page:** 1 of 1

Lot Number: CH-3256 **Lot Issue Date:** 27-Oct-2011 **Expiration Date:** 30-Nov-2019

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1248	012672-29-6	NT01718	100.5 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
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ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

ULTRA SCIENTIFIC
Analytical Standards

Certificate of Analysis

Aroclor 1254 Solution

Product Number: PP-351 **Page:** 1 of 1

Lot Number: CF-1469 **Lot Issue Date:** 14-Apr-2009 **Expiration Date:** 31-May-2017

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1254	011097-69-1	K040	100.2 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

A2LA ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01

ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1260 Solution

Product Number: PP-361 **Page:** 1 of 1

Lot Number: CG-3829 **Lot Issue Date:** 04-Nov-2010 **Expiration Date:** 31-Dec-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1260	011096-82-5	NT01023	100.5 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
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ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

JVIMS Received 12/13/11

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32039 **Lot No.:** A082781

Description : Aroclor® 1016/1260 Mix

PCB Mix, Aroclor 1016/1260, 1,000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] August 2018 **Storage:** 25°C nominal

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Aroclor 1016	12674-11-2	----%	1,000.0 ug/mL	+/- 5.8275 ug/mL
2	Aroclor 1260	11096-82-5	----%	1,000.0 ug/mL	+/- 5.8275 ug/mL
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

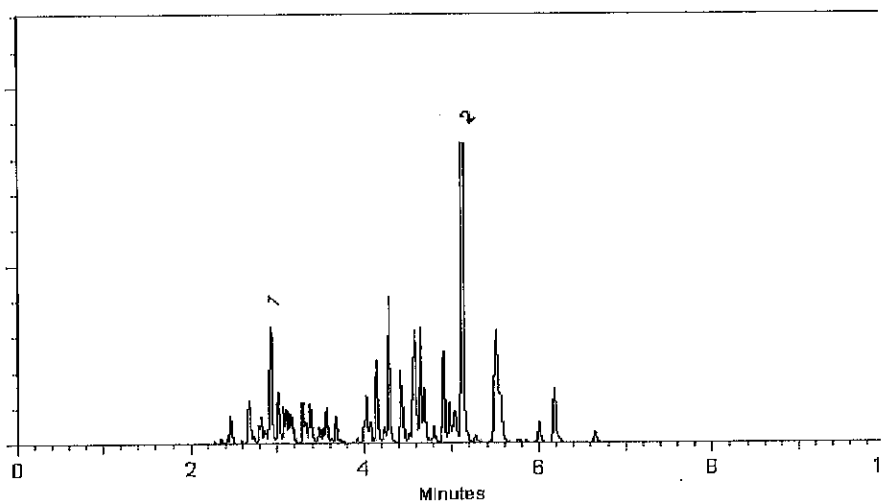
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Certificate of Analysis

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Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

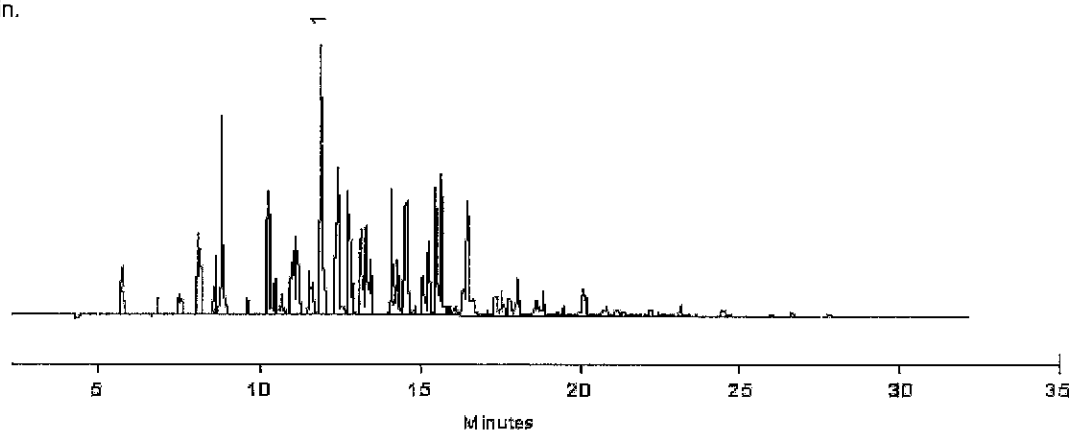
FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32008 **Lot No.:** A052599
Description: Aroclor® 1232 Standard
Expiration Date[1]**:** June 2014 **Storage:** Room Temperature
Handling: Contains PCB's. Warm & Sonicate Prior to Use

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	Percent Uncertainty [4]
1	Aroclor 1232	11141-16-5	99%	1,000.000 ug/ml	+/-0.05 %
Solvent:	Hexane	110-54-3	99%		

Column: 30m x .32mm x .5um
Rtx-CLPesticides II
Carrier Gas: helium @ 40 cm/sec.
Temp. Program: 150°C to 300°C @ 5°C/min.

Inj. Temp: 250°C
Det. Temp: 300°C
Det. Type: ECD



Sara Eyster / QA Analyst

Balance 1119141429

1 Expiration date of the unopened ampul stored at recommended temperature.
2 Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest LOWER whole percentage. In addition to detectors listed above, chemical identity and purity are confirmed using 1 or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
3 Based upon gravimetric preperation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Percent Uncertainty based upon balance AND ASTM Class A volumetric glassware accuracy.

ISO 9001 REGISTERED
Manufactured under Restek's ISO 9001 Registered Quality System
Certificate #FM80397

REC 9/7/07

Certificate of Analysis

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Bellefonte, PA 16823-8812
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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32009 **Lot No.:** A068369
Description: Aroclor® 1242 Standard
Expiration Date[1]: July 2016 **Storage:** Room Temperature
Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	----%	1,000.000 ug/ml	+/-0.58 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLPesticides (cat.# 11323)

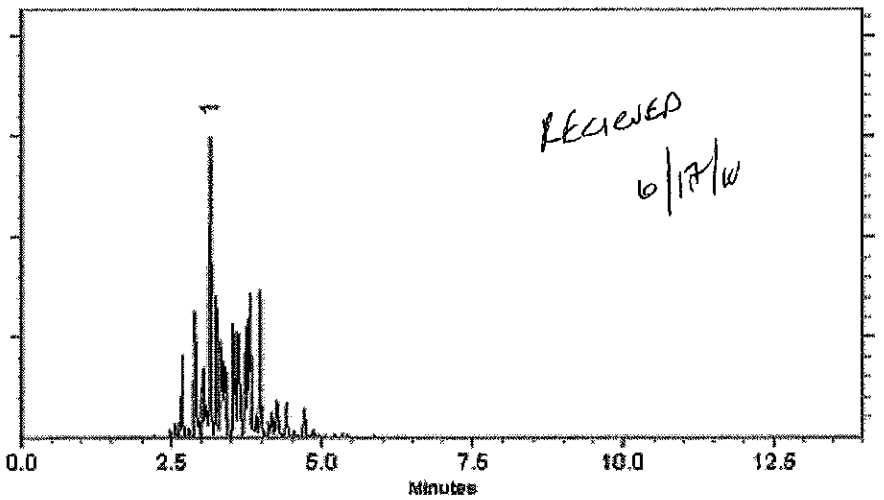
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



RECIEVED
6/17/09

Date Passed: 07/03/2009 **Balance:** 1128342314

Manufactured under Restek's ISO 9001-2000 Registered Quality System Certificate #FMB0397

1 Expiration date of the unopened ampule stored at recommended temperature.
2A Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest whole number. In addition to detectors listed above, chemical identity and purity are confirmed using one or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.
2C Compounds with a listed purity of less than 99% may be salts, derivatives, or hydrates. The listed purity is actually a correction factor that was used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound.
2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.
3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Uncertainties determined using repeatability and reproducibility data for balances and glassware from measurement systems analysis methodology, balance and glassware tolerances, raw material purity, and, where applicable, eccentricity and linearity values from an accredited calibration laboratory.

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32009 **Lot No.:** A068369
Description: Aroclor® 1242 Standard
Expiration Date[1]: July 2016 **Storage:** Room Temperature
Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	----%	1,000.000 ug/ml	+/-0.58 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLPesticides (cat.# 11323)

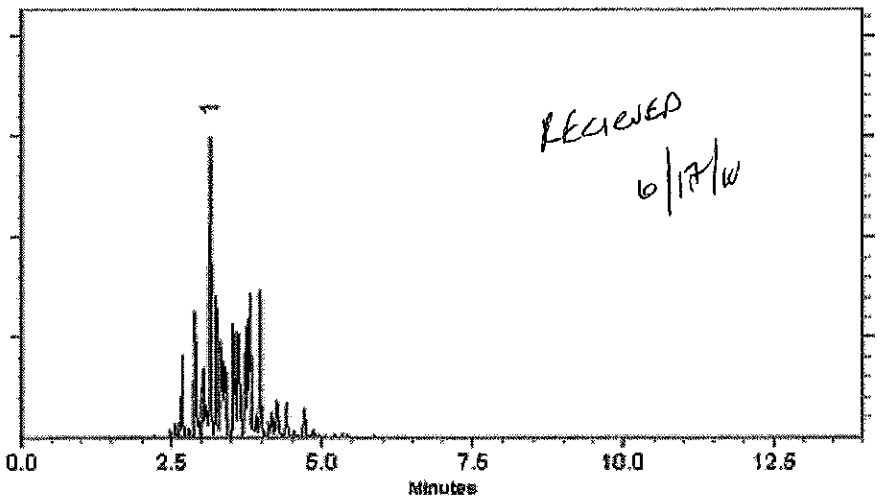
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



RECIEVED
6/17/09

Date Passed: 07/03/2009 **Balance:** 1128342314

Manufactured under Restek's ISO 9001-2000 Registered Quality System Certificate #FMB0397

1 Expiration date of the unopened ampule stored at recommended temperature.
2A Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest whole number. In addition to detectors listed above, chemical identity and purity are confirmed using one or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.
2C Compounds with a listed purity of less than 99% may be salts, derivatives, or hydrates. The listed purity is actually a correction factor that was used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound.
2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.
3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Uncertainties determined using repeatability and reproducibility data for balances and glassware from measurement systems analysis methodology, balance and glassware tolerances, raw material purity, and, where applicable, eccentricity and linearity values from an accredited calibration laboratory.

Certificate of Analysis

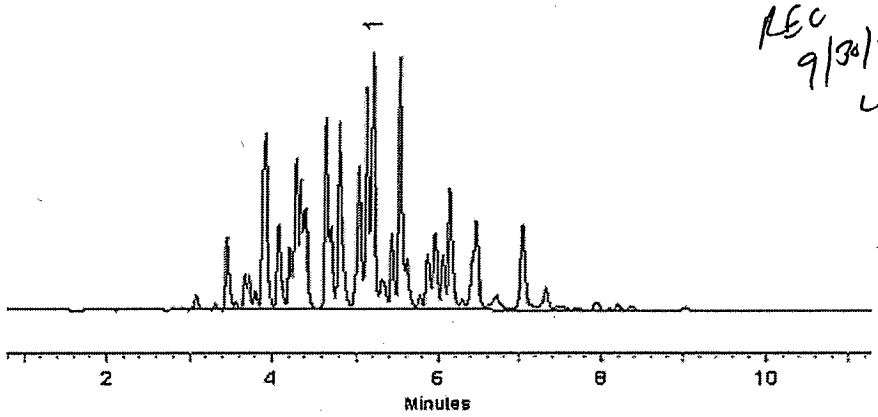
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Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32010 **Lot No.:** A059172
Description : Aroclor® 1248 Standard
Expiration Date[1]**:** April 2015 **Storage:** Room Temperature
Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	Percent Uncertainty [4]
1	Aroclor 1248	12672-29-6	----%	1,000.000 ug/ml	+/-0.05 %
Solvent:	Hexane	110-54-3	99%		

Column: 30m x .32mm x .25um Rtx-CLPesticides II
Carrier Gas: helium @ 40cm/sec.
Temp. Program: 200°C to 300°C @ 10°C/min. (hold 5 min.)
Inj. Temp: 250°C
Det. Temp: 300°C
Det. Type: ECD



REC 9/30/13 LSH

Sara Eyster QA Analyst

Balance 1128360905

1 Expiration date of the unopened ampul stored at recommended temperature.
2 Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest LOWER whole percentage. In addtion to detectors listed above, chemical identity and purity are confirmed using 1 or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
3 Based upon gravimetric preperation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Percent Uncertainty based upon balance AND ASTM Class A volumetric glassware accuracy.

ISO 9001 REGISTERED
Manufactured under Restek's ISO 9001 Registered Quality System
Certificate #FM80397

RESTEK

Certificate of Analysis

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Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32410 **Lot No.:** A080376

Description : Aroclor® 1268 Standard

PCB Stock Solution, Aroclor 1268 Std, 1000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] April 2018 **Storage:** 25°C nominal

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L.; K=2) [4]
1	Aroclor 1268	11100-14-4	----%	1,000.0 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

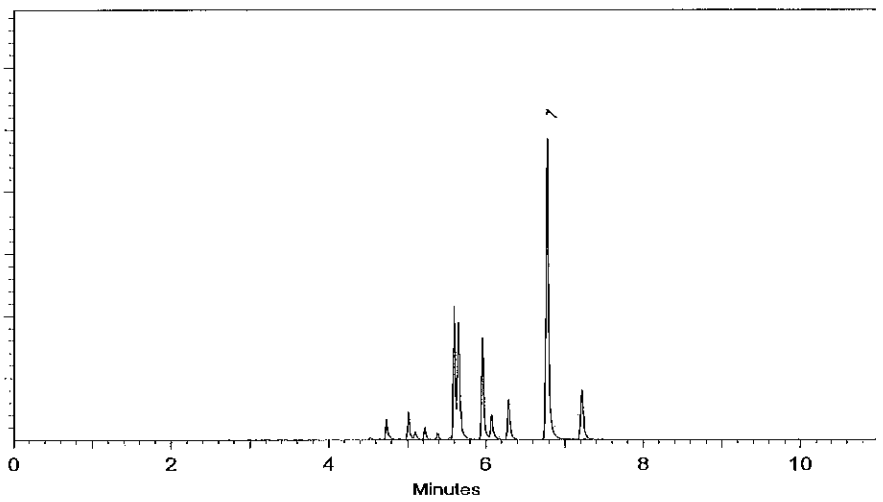
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
25°C/min. (hold 10 min.)

Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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77356
ID: SGpcb1268std_00003
Exp 04/30/18 Rpd 11 Open 06/28/11
1268 Stock @ 1000ppm

RESTEK

Certificate of Analysis

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Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32410 **Lot No.:** A080376

Description : Aroclor® 1268 Standard

PCB Stock Solution, Aroclor 1268 Std, 1000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] April 2018 **Storage:** 25°C nominal

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L., K=2) [4]
1	Aroclor 1268	11100-14-4	----%	1,000.0 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

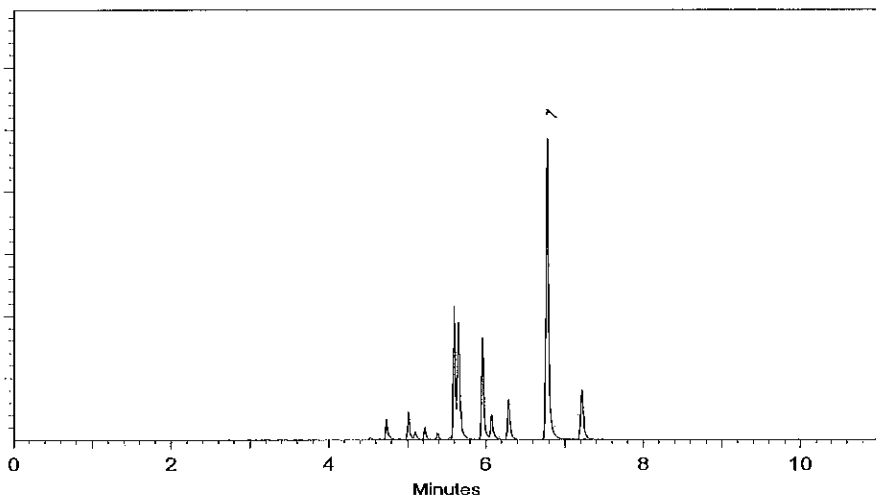
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
25°C/min. (hold 10 min.)

Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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ID: SGpcb1268std_00003
Exp 04/30/18 Rpd 11 Open 06/28/11
1268 Stock @ 1000ppm

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Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32410 **Lot No.:** A080376

Description : Aroclor® 1268 Standard

PCB Stock Solution, Aroclor 1268 Std, 1000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] April 2018 **Storage:** 25°C nominal

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L., K=2) [4]
1	Aroclor 1268	11100-14-4	----%	1,000.0 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

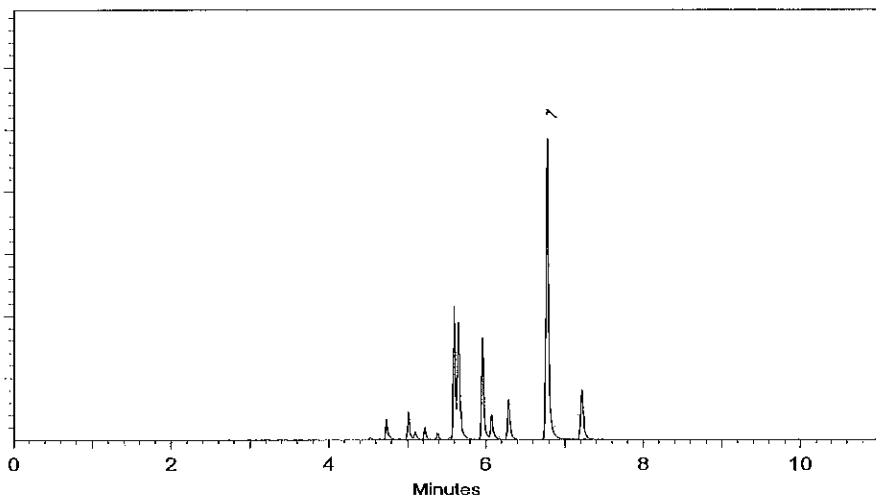
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
25°C/min. (hold 10 min.)

Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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77356
ID: SGpcb1268std_00003
Exp 04/30/18 Rpd 11 Open 06/28/11
1268 Stock @ 1000ppm

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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32410 **Lot No.:** A080376

Description : Aroclor® 1268 Standard

PCB Stock Solution, Aroclor 1268 Std, 1000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] April 2018 **Storage:** 25°C nominal

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L.; K=2) [4]
1	Aroclor 1268	11100-14-4	----%	1,000.0 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

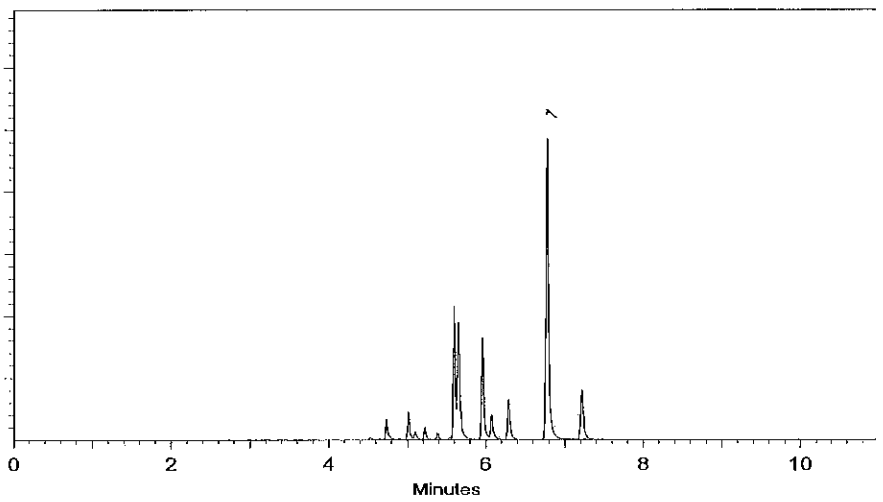
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
25°C/min. (hold 10 min.)

Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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77356
ID: SGpcb1268std_00003
Exp 04/30/18 Rpd 11 Open 06/28/11
1268 Stock @ 1000ppm

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Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32410 **Lot No.:** A080376

Description : Aroclor® 1268 Standard

PCB Stock Solution, Aroclor 1268 Std, 1000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] April 2018 **Storage:** 25°C nominal

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L., K=2) [4]
1	Aroclor 1268	11100-14-4	----%	1,000.0 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

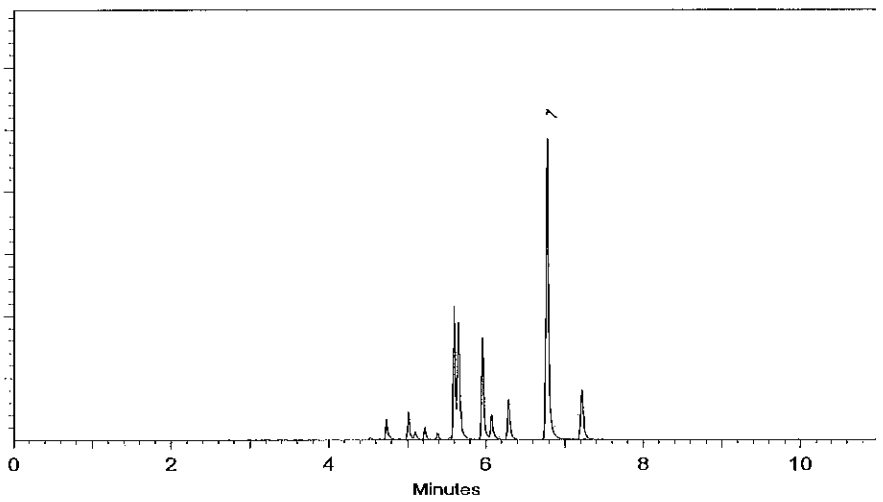
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
25°C/min. (hold 10 min.)

Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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77356
ID: SGpcb1268std_00003
Exp 04/30/18 Rpd 11 Open 06/28/11
1268 Stock @ 1000ppm

RESTEK

Certificate of Analysis

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Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32410 **Lot No.:** A080376

Description : Aroclor® 1268 Standard

PCB Stock Solution, Aroclor 1268 Std, 1000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] April 2018 **Storage:** 25°C nominal

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L., K=2) [4]
1	Aroclor 1268	11100-14-4	----%	1,000.0 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

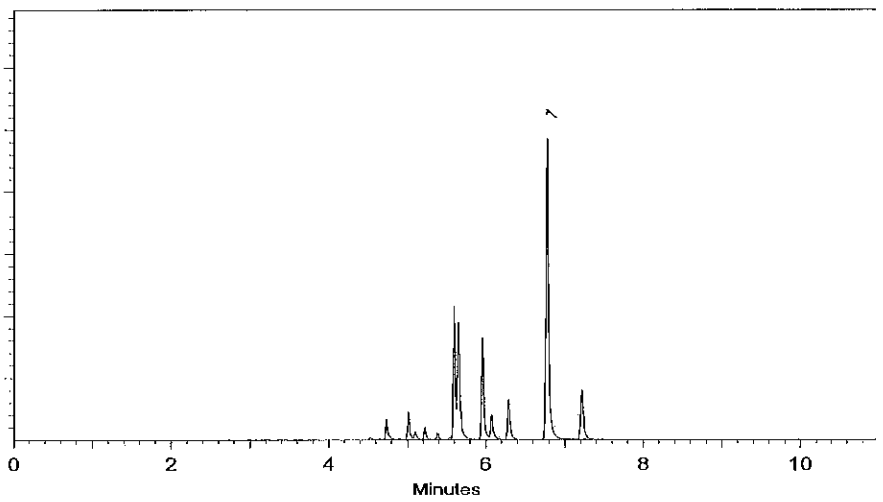
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
25°C/min. (hold 10 min.)

Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



RECEIVED 6/28/11

77356
ID: SGpcb1268std_00003
Exp 04/30/18 Rpd 11 Open 06/28/11
1268 Stock @ 1000ppm

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32410 **Lot No.:** A080376

Description : Aroclor® 1268 Standard

PCB Stock Solution, Aroclor 1268 Std, 1000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] April 2018 **Storage:** 25°C nominal

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L.; K=2) [4]
1	Aroclor 1268	11100-14-4	----%	1,000.0 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

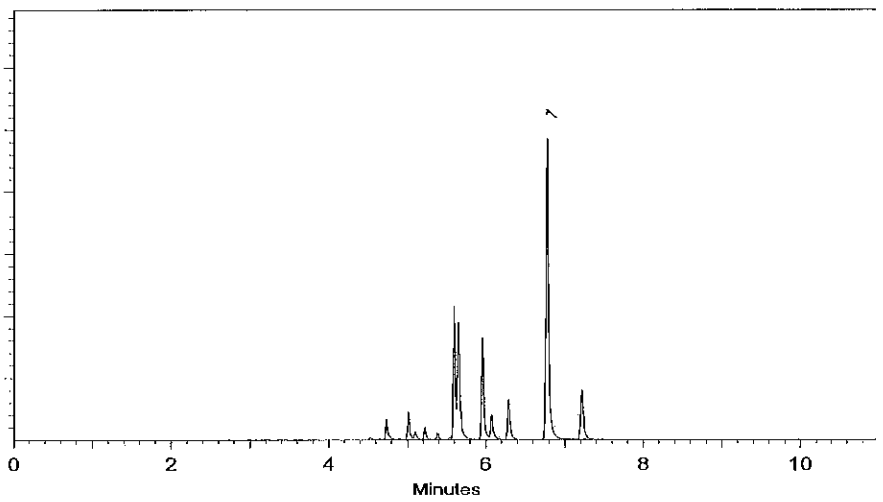
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
25°C/min. (hold 10 min.)

Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



RECEIVED 6/28/11

77356
ID: SGpcb1268std_00003
Exp 04/30/18 Rpd 11 Open 06/28/11
1268 Stock @ 1000ppm

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32007 Lot No.: A074947

Description : Aroclor® 1221 Standard

Expiration Date[1]: June 2017 Storage: Room Temperature

Handling: Contains PCB's. Warm & Sonicate Prior to Use

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	----%	1,000.000 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x.25mm x .2um
Rtx-CLPesticides (cat.# 11323)

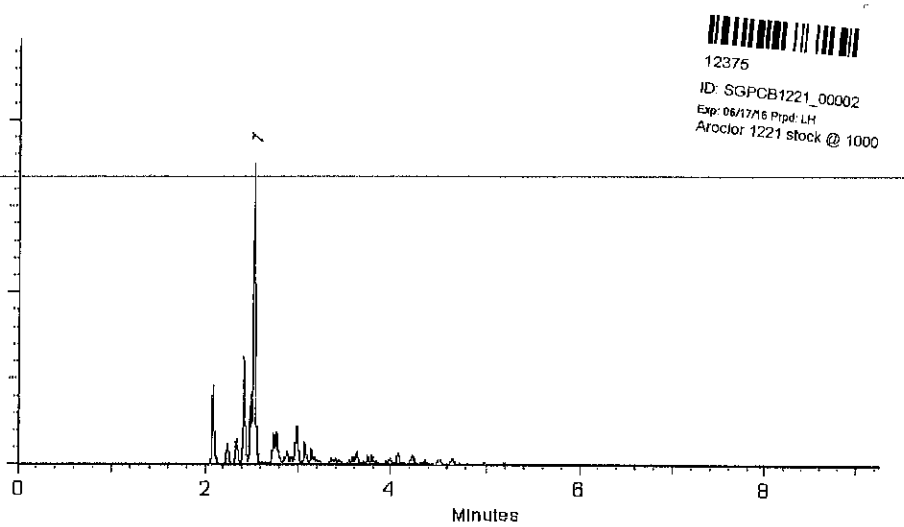
Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diana Shaffer
Diana Shaffer - QA Analyst

Date Passed: 24-May-2010 Balance: 1128360905

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials
E
7/27/16

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32011 **Lot No.:** A076437

Description : Aroclor® 1254 Standard

Expiration Date[1]**:** September 2017 **Storage:** Room Temperature

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	----%	1,001.600 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

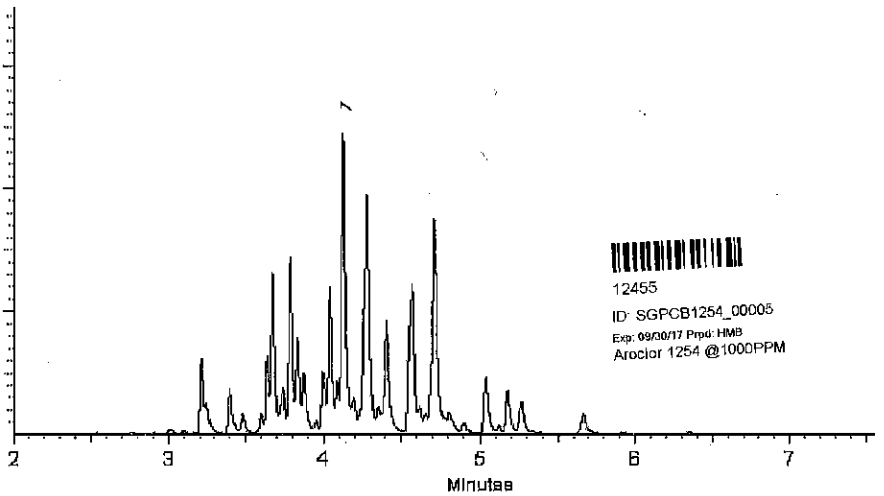
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diane Shaffer - QA Analyst **Date Passed:** 23-Aug-2010 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials 7/23/11

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32007 **Lot No.:** A074947

Description : Aroclor® 1221 Standard

Expiration Date[1]**:** June 2017 **Storage:** Room Temperature

Handling: Contains PCB's. Warm & Sonicate Prior to Use

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	----%	1,000.000 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLPesticides (cat.# 11323)

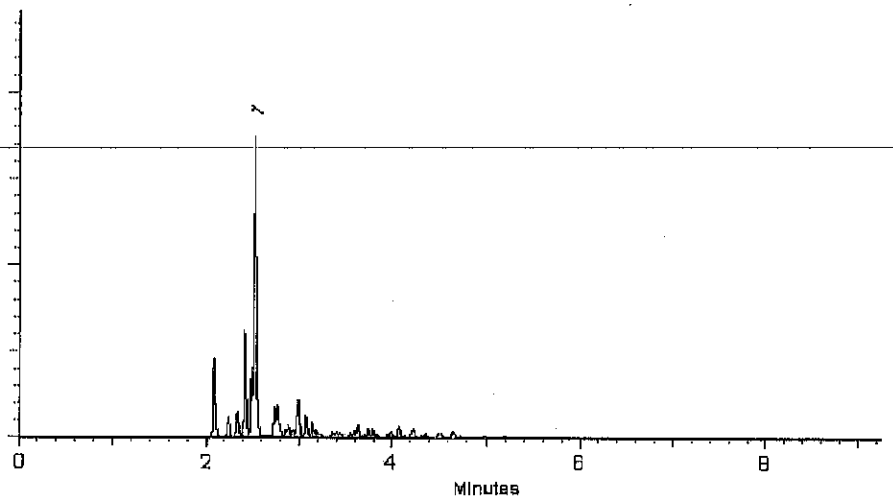
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diane Shaffer - QA Analyst **Date Passed:** 24-May-2010 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials
E
7/27/10

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING



Reagent ID: VGINTSTD_00001

		Expiration Date:	10/08/2011
Description:	INTERNAL STANDARD	Laboratory:	TestAmerica North Canton
No. of Bottles:	2	Prepared By:	Bolgrin, Deborah
Storage Location:	F022	Solvent:	MEOH
Reagent Volume:	50.000 mL	Solvent Lot:	50349
Creation Date:	04/08/2011		
Container(s):	12414, 12415		
Comment:			

Reagent Analyte Information

Analyte	Source ID	Source Expiration Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Fluorobenzene	VGISSTOCK_00001	12/31/2012	2000.000	ug/mL	50.00000	ug/mL

Source Reagents

Reagent	Description	Type	Expiration	Vendor	Vendor Lot #	Vendor Cat Lot #	Volume Used	Volume Units
VGISSTOCK_00001	IS FLOROBENZENE	ASTD	12/31/12	ULTRA SCIENTIFIC	CE-4128	STS-160	1.2500	mL

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32011 **Lot No.:** A076437

Description : Aroclor® 1254 Standard

Expiration Date[1]**:** September 2017 **Storage:** Room Temperature

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	----%	1,001.600 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

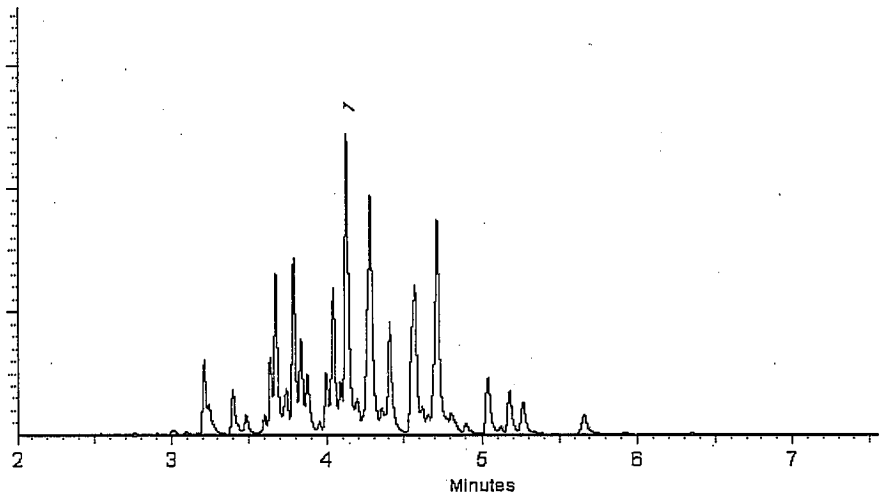
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diane Shaffer - QA Analyst **Date Passed:** 23-Aug-2010 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials 3/23/11

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32410 **Lot No.:** A080376

Description : Aroclor® 1268 Standard

PCB Stock Solution, Aroclor 1268 Std, 1000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] April 2018 **Storage:** 25°C nominal

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L., K=2) [4]
1	Aroclor 1268	11100-14-4	----%	1,000.0 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

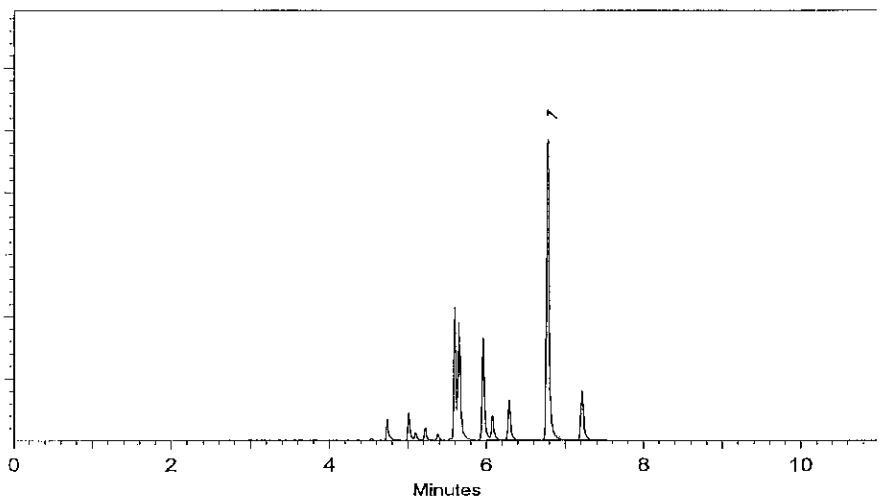
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



RECEIVED 6/28/11

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

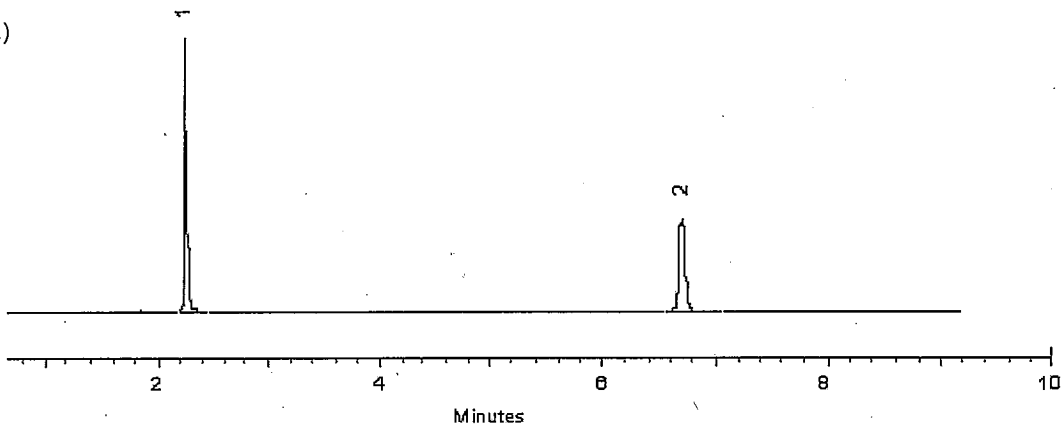
FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32000 **Lot No.:** A057014
Description : Pesticide Surrogate Mix
Expiration Date[1]**:** June 2015 **Storage:** Refrigerate
Handling: Warm & Sonicate prior to use

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	Percent Uncertainty [4]
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	98%	200.018 ug/ml	+/-0.03 %
2	Decachlorobiphenyl	2051-24-3	99%	200.000 ug/ml	+/-0.03 %
Solvent:	Acetone	67-64-1	99%		

LEC 7/13/08
LOT

Column: 30m x .32mm x .25um
Rtx-CLPesticides II
Carrier Gas: helium @ 40cm/sec.
Temp. Program: 200°C to 300°C
@ 15°C/min. (hold 12 min.)
Inj. Temp: 250°C
Det. Temp: 300°C
Det. Type: ECD



Sara Eyster QA Analyst

Balance 1128342313

1 Expiration date of the unopened ampul stored at recommended temperature.
2 Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest LOWER whole percentage. In addition to detectors listed above, chemical identity and purity are confirmed using 1 or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
3 Based upon gravimetric preperation with balance calibration verified using NISTtraceable weights (seven mass levels).
4 Percent Uncertainty based upon balance AND ASTM Class A volumetric glassware accuracy.

ISO 9001 REGISTERED
Manufactured under Restek's ISO 9001 Registered Quality System
Certificate #FM80397

Tech Tip:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Rcvd 12-8-11 Recd 3 vials

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32291 **Lot No.:** A076528

Description : Organochlorine Pesticide Mix AB #1

Expiration Date[1]**:** August 2014 **Storage:** Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	alpha-BHC	319-84-6	99%	200.000 ug/ml	+/-0.59 %
2	gamma-BHC (Lindane)	58-89-9	99%	200.200 ug/ml	+/-0.59 %
3	beta-BHC	319-85-7	99%	200.000 ug/ml	+/-0.59 %
4	delta-BHC	319-86-8	99%	200.000 ug/ml	+/-0.59 %
5	Heptachlor	76-44-8	99%	200.000 ug/ml	+/-0.59 %
6	Aldrin	309-00-2	99%	200.000 ug/ml	+/-0.59 %
7	Heptachlor epoxide (isomer B)	1024-57-3	99%	200.000 ug/ml	+/-0.59 %
8	trans-Chlordane	5103-74-2	99%	200.000 ug/ml	+/-0.59 %
9	cis-Chlordane	5103-71-9	97%	200.014 ug/ml	+/-0.59 %
10	4,4'-DDE	72-55-9	99%	200.200 ug/ml	+/-0.59 %
11	Endosulfan I	959-98-8	99%	200.000 ug/ml	+/-0.59 %
12	Dieldrin	60-57-1	99%	200.200 ug/ml	+/-0.59 %
13	Endrin	72-20-8	97%	200.208 ug/ml	+/-0.59 %
14	4,4'-DDD	72-54-8	97%	200.014 ug/ml	+/-0.59 %
15	Endosulfan II	33213-65-9	99%	200.000 ug/ml	+/-0.59 %
16	4,4'-DDT	50-29-3	99%	200.000 ug/ml	+/-0.59 %
17	Endrin aldehyde	7421-93-4	98%	200.116 ug/ml	+/-0.59 %
18	Methoxychlor	72-43-5	99%	200.000 ug/ml	+/-0.59 %
19	Endosulfan sulfate	1031-07-8	99%	200.000 ug/ml	+/-0.59 %
20	Endrin ketone	53494-70-5	95%	200.260 ug/ml	+/-0.59 %
Solvent:	Hexane/Toluene (50:50)	110-54-3/108-88-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

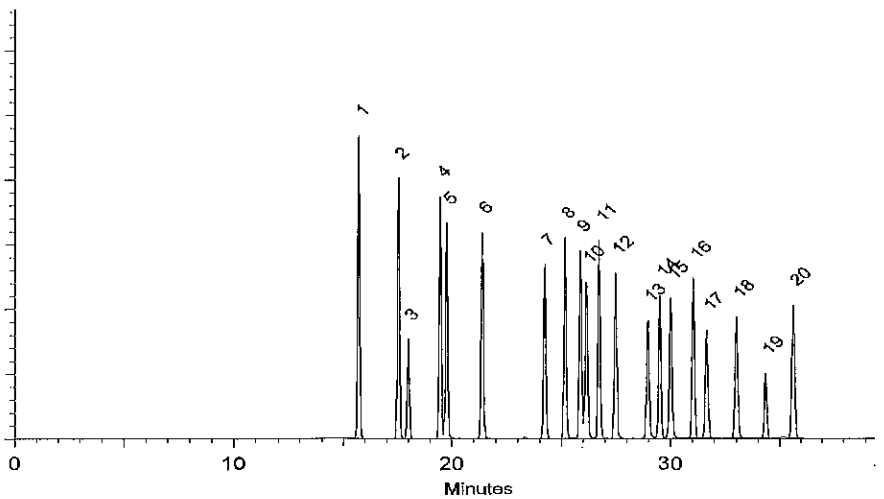
Carrier Gas:
hellium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



Rcvd 12-8-11 Recd 3 vials

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32291 **Lot No.:** A076528

Description : Organochlorine Pesticide Mix AB #1

Expiration Date[1]**:** August 2014 **Storage:** Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	alpha-BHC	319-84-6	99%	200.000 ug/ml	+/-0.59 %
2	gamma-BHC (Lindane)	58-89-9	99%	200.200 ug/ml	+/-0.59 %
3	beta-BHC	319-85-7	99%	200.000 ug/ml	+/-0.59 %
4	delta-BHC	319-86-8	99%	200.000 ug/ml	+/-0.59 %
5	Heptachlor	76-44-8	99%	200.000 ug/ml	+/-0.59 %
6	Aldrin	309-00-2	99%	200.000 ug/ml	+/-0.59 %
7	Heptachlor epoxide (isomer B)	1024-57-3	99%	200.000 ug/ml	+/-0.59 %
8	trans-Chlordane	5103-74-2	99%	200.000 ug/ml	+/-0.59 %
9	cis-Chlordane	5103-71-9	97%	200.014 ug/ml	+/-0.59 %
10	4,4'-DDE	72-55-9	99%	200.200 ug/ml	+/-0.59 %
11	Endosulfan I	959-98-8	99%	200.000 ug/ml	+/-0.59 %
12	Dieldrin	60-57-1	99%	200.200 ug/ml	+/-0.59 %
13	Endrin	72-20-8	97%	200.208 ug/ml	+/-0.59 %
14	4,4'-DDD	72-54-8	97%	200.014 ug/ml	+/-0.59 %
15	Endosulfan II	33213-65-9	99%	200.000 ug/ml	+/-0.59 %
16	4,4'-DDT	50-29-3	99%	200.000 ug/ml	+/-0.59 %
17	Endrin aldehyde	7421-93-4	98%	200.116 ug/ml	+/-0.59 %
18	Methoxychlor	72-43-5	99%	200.000 ug/ml	+/-0.59 %
19	Endosulfan sulfate	1031-07-8	99%	200.000 ug/ml	+/-0.59 %
20	Endrin ketone	53494-70-5	95%	200.260 ug/ml	+/-0.59 %
Solvent:	Hexane/Toluene (50:50)	110-54-3/108-88-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

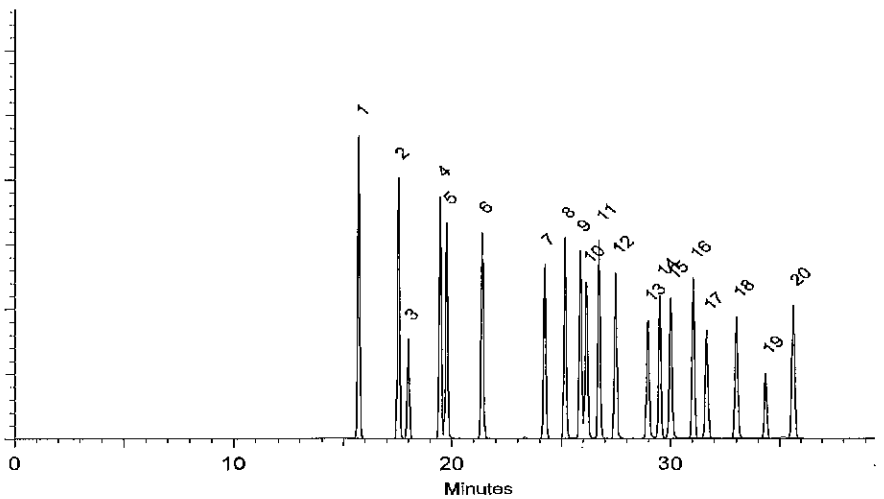
Carrier Gas:
hellium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



Certificate of Analysis

ULTRA SCIENTIFIC
Analytical Solutions

Organochlorine Pesticides Mixture

Product Number: PPM-808C

Lot Number: CH-3658 **Lot Issue Date:** 01-Dec-2011 **Expiration Date:** 31-Dec-2013

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

1:100 (1ml in 100)
1:400 (250uls in 100uls)

Analyte	CAS#	Analyte Lot	True Value
aldrin	000309-00-2	RM00635-01	1002 ± 5 µg/mL
alpha-BHC	000319-84-6	RM02725-01	1002 ± 5 µg/mL
beta-BHC	000319-85-7	RM02724-02	1002 ± 5 µg/mL
delta-BHC	000319-86-8	RM02723-05	1002 ± 5 µg/mL
gamma-BHC	000058-89-9	RM02694-04	1002 ± 5 µg/mL
alpha-chlordane	005103-71-9	RM02742-03	1002 ± 5 µg/mL
gamma-chlordane	005103-74-2	RM02726-08	1002 ± 5 µg/mL
4,4'-DDD	000072-54-8	RM00615-01	1002 ± 5 µg/mL
4,4'-DDE	000072-55-9	RM02892-02	1002 ± 5 µg/mL
4,4'-DDT	000050-29-3	RM02881-01	1002 ± 5 µg/mL
dieldrin	000060-57-1	RM03957-01	1002 ± 5 µg/mL
endosulfan I	000959-98-8	RM00834-01	1002 ± 5 µg/mL
endosulfan II	033213-65-9	RM02906-02	1002 ± 5 µg/mL
endosulfan sulfate	001031-07-8	RM02897-01	1002 ± 5 µg/mL
endrin	000072-20-8	256-27A	1002 ± 5 µg/mL
endrin aldehyde	007421-93-4	ER082306-01	1002 ± 5 µg/mL
endrin ketone	053494-70-5	RM00212-02	1002 ± 5 µg/mL
heptachlor	000076-44-8	RM03111-02	1002 ± 5 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM03131-03	1002 ± 5 µg/mL

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

A2LA ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01

ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

ULTRA SCIENTIFIC
Analytical Solutions

Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: PPM-808C

Lot Number: CH-3658 **Lot Issue Date:** 01-Dec-2011 **Expiration Date:** 31-Dec-2013

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

methoxychlor	000072-43-5	RM01712-05	1002 ± 5 µg/mL

Matrix: hexane/toluene (1:1)

Storage: Store at Room Temperature (18-25°C). Do Not Refrigerate.

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005
Accredited
A2LA
Cert. No. 0851-01

ISO 9001:2008
Registered
TUV USA, Inc.
Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

Rcvd 12-8-11 Recd 3 vials

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32291 **Lot No.:** A076528

Description : Organochlorine Pesticide Mix AB #1

Expiration Date[1]**:** August 2014 **Storage:** Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	alpha-BHC	319-84-6	99%	200.000 ug/ml	+/-0.59 %
2	gamma-BHC (Lindane)	58-89-9	99%	200.200 ug/ml	+/-0.59 %
3	beta-BHC	319-85-7	99%	200.000 ug/ml	+/-0.59 %
4	delta-BHC	319-86-8	99%	200.000 ug/ml	+/-0.59 %
5	Heptachlor	76-44-8	99%	200.000 ug/ml	+/-0.59 %
6	Aldrin	309-00-2	99%	200.000 ug/ml	+/-0.59 %
7	Heptachlor epoxide (isomer B)	1024-57-3	99%	200.000 ug/ml	+/-0.59 %
8	trans-Chlordane	5103-74-2	99%	200.000 ug/ml	+/-0.59 %
9	cis-Chlordane	5103-71-9	97%	200.014 ug/ml	+/-0.59 %
10	4,4'-DDE	72-55-9	99%	200.200 ug/ml	+/-0.59 %
11	Endosulfan I	959-98-8	99%	200.000 ug/ml	+/-0.59 %
12	Dieldrin	60-57-1	99%	200.200 ug/ml	+/-0.59 %
13	Endrin	72-20-8	97%	200.208 ug/ml	+/-0.59 %
14	4,4'-DDD	72-54-8	97%	200.014 ug/ml	+/-0.59 %
15	Endosulfan II	33213-65-9	99%	200.000 ug/ml	+/-0.59 %
16	4,4'-DDT	50-29-3	99%	200.000 ug/ml	+/-0.59 %
17	Endrin aldehyde	7421-93-4	98%	200.116 ug/ml	+/-0.59 %
18	Methoxychlor	72-43-5	99%	200.000 ug/ml	+/-0.59 %
19	Endosulfan sulfate	1031-07-8	99%	200.000 ug/ml	+/-0.59 %
20	Endrin ketone	53494-70-5	95%	200.260 ug/ml	+/-0.59 %
Solvent:	Hexane/Toluene (50:50)	110-54-3/108-88-3	99%		

Column:
30m x .25mm x .20m
Rtx-CLP II (cat.# 11323)

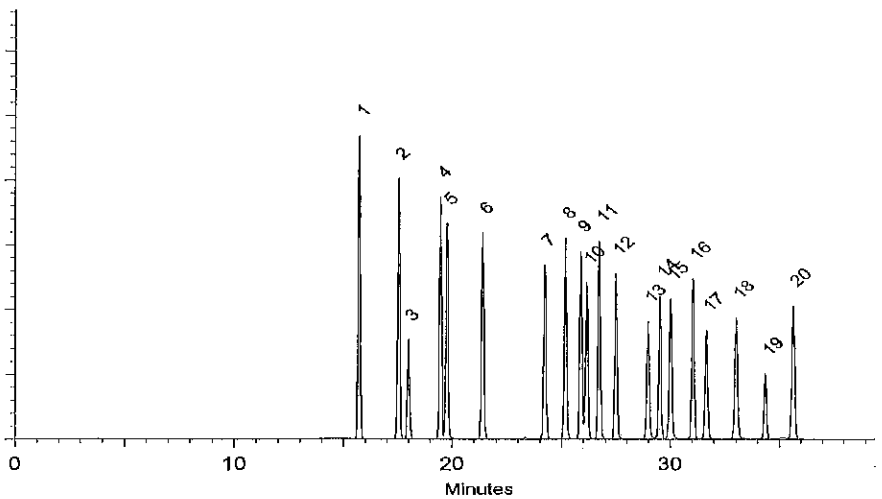
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



Rcvd 12-8-11 Recd 3 vials

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Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32291 **Lot No.:** A076528

Description : Organochlorine Pesticide Mix AB #1

Expiration Date[1]**:** August 2014 **Storage:** Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	alpha-BHC	319-84-6	99%	200.000 ug/ml	+/-0.59 %
2	gamma-BHC (Lindane)	58-89-9	99%	200.200 ug/ml	+/-0.59 %
3	beta-BHC	319-85-7	99%	200.000 ug/ml	+/-0.59 %
4	delta-BHC	319-86-8	99%	200.000 ug/ml	+/-0.59 %
5	Heptachlor	76-44-8	99%	200.000 ug/ml	+/-0.59 %
6	Aldrin	309-00-2	99%	200.000 ug/ml	+/-0.59 %
7	Heptachlor epoxide (isomer B)	1024-57-3	99%	200.000 ug/ml	+/-0.59 %
8	trans-Chlordane	5103-74-2	99%	200.000 ug/ml	+/-0.59 %
9	cis-Chlordane	5103-71-9	97%	200.014 ug/ml	+/-0.59 %
10	4,4'-DDE	72-55-9	99%	200.200 ug/ml	+/-0.59 %
11	Endosulfan I	959-98-8	99%	200.000 ug/ml	+/-0.59 %
12	Dieldrin	60-57-1	99%	200.200 ug/ml	+/-0.59 %
13	Endrin	72-20-8	97%	200.208 ug/ml	+/-0.59 %
14	4,4'-DDD	72-54-8	97%	200.014 ug/ml	+/-0.59 %
15	Endosulfan II	33213-65-9	99%	200.000 ug/ml	+/-0.59 %
16	4,4'-DDT	50-29-3	99%	200.000 ug/ml	+/-0.59 %
17	Endrin aldehyde	7421-93-4	98%	200.116 ug/ml	+/-0.59 %
18	Methoxychlor	72-43-5	99%	200.000 ug/ml	+/-0.59 %
19	Endosulfan sulfate	1031-07-8	99%	200.000 ug/ml	+/-0.59 %
20	Endrin ketone	53494-70-5	95%	200.260 ug/ml	+/-0.59 %
Solvent:	Hexane/Toluene (50:50)	110-54-3/108-88-3	99%		

Column:
30m x .25mm x .20m
Rtx-CLP II (cat.# 11323)

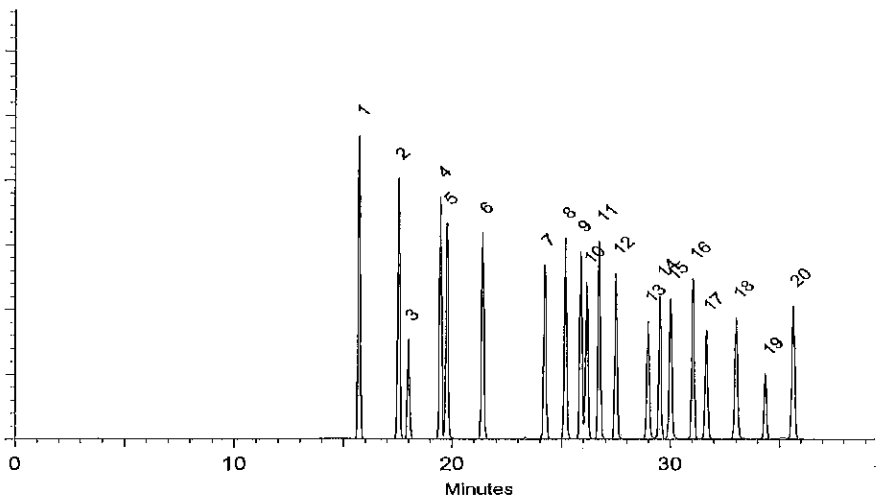
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32021 **Lot No.:** A072897

Description : Technical Chlordane Mix

Expiration Date[1]**:** November 2016 **Storage:** Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Chlordane (Technical)	57-74-9	----%	1,000.000 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Rec'd 1.11.11 2 vials

Column:
30m x .25mm x .2um
Rtx-CLPesticides (cat.# 11323)

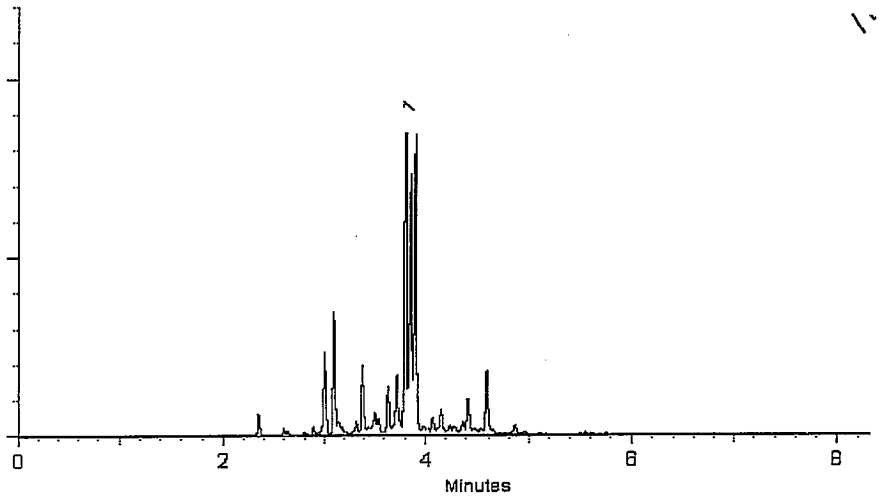
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diane Shaffer - QA Analyst

Date Passed: 12-Feb-2010 **Balance:** 1128342314

Manufactured under Restek's ISO 9001-2000 Registered Quality System Certificate #FM80397

1 Expiration date of the unopened ampule stored at recommended temperature.

2A Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest whole number. In addition to detectors listed above, chemical identity and purity are confirmed using one or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C Compounds with a listed purity of less than 99% may be salts, derivatives, or hydrates. The listed purity is actually a correction factor that was used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using repeatability and reproducibility data for balances and glassware from measurement systems analysis methodology, balance and glassware tolerances, raw material purity, and, where applicable, eccentricity and linearity values from an accredited calibration laboratory.

Certificate of Analysis

DESCRIPTION: Toxaphene

CATALOG NO.: 48103 MFG DATE: Feb-2011

LOT NO.: LB82082 EXPIRATION DATE: Feb-2014

SOLVENT: ISOOCTANE

ANALYTE	CAS NUMBER	PERCENT PURITY(1)	WEIGHT(2) CONCENTRATION	ANALYTICAL(3) CONCENTRATION	STD DEV	SUPELCO LOT NO
TOXAPHENE	8001-35-2	N/A (a)	1000	956	+/- 16.2	LA47407

SGPESTTOX 00011

Recd 12-12-11 1 vial

(1) Determined by capillary GC-FID, unless otherwise noted.
a) Complex mix - Can't Determine

(2) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

(3) Determined by chromatographic analysis against an independently prepared reference lot. Mean of replicate injections.

Elwood Doughty
Quality Control Supervisor

Supelco warrants that its products conform to the information contained in this publication. Purchaser must determine the suitability of the product for its particular use. Please see the latest catalog or order invoice and packing slip for additional terms and conditions of sale.

SUPELCO Analytical
595 North Harrison Road
Bellefonte, PA 16823-0048 USA
Phone (814) 359-3441

Rec'd 12-8-11. 2 vials

RESTEK

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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32005 **Lot No.:** A080394

Description : Toxaphene Standard

Pesticide Mix, toxaphene, 1,000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] June 2015 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L.; K=2) [4]
1	Toxaphene	8001-35-2	99%	1,000.0 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

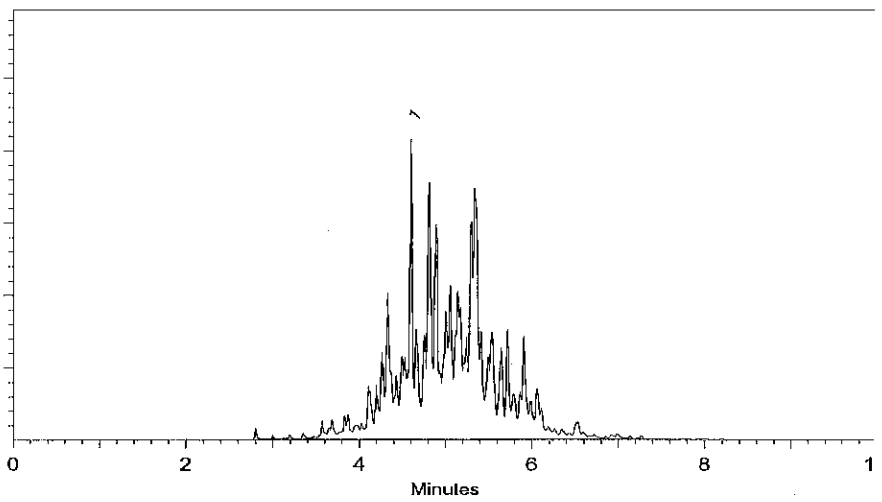
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 566300 **Lot No.:** A081795

Description : Custom Revised 8270 Mix #1

Container Size : [5] 5 mL **Pkg Amt:** [5] > 2 mL

Expiration Date : [1] May 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	1,4-Dioxane	123-91-1	99%	400.000 ug/mL	+/- 2.7 ug/mL
2	2-Fluorophenol	367-12-4	99%	400.000 ug/mL	+/- 2.7 ug/mL
3	2-Chlorophenol-d4	93951-73-6	99%	400.000 ug/mL	+/- 2.7 ug/mL
4	Phenol-d6	13127-88-3	99%	400.000 ug/mL	+/- 2.7 ug/mL
5	2-Chlorophenol	95-57-8	99%	400.000 ug/mL	+/- 3.0 ug/mL
6	Phenol	108-95-2	99%	400.000 ug/mL	+/- 3.0 ug/mL
7	1,4-Dichlorobenzene	106-46-7	99%	400.000 ug/mL	+/- 2.7 ug/mL
8	Benzyl alcohol	100-51-6	99%	400.000 ug/mL	+/- 2.7 ug/mL
9	2-Methylphenol (o-cresol)	95-48-7	99%	400.000 ug/mL	+/- 3.0 ug/mL
10	4-Methylphenol (p-cresol)	106-44-5	99%	400.000 ug/mL	+/- 3.0 ug/mL
11	2-Nitrophenol	88-75-5	99%	400.000 ug/mL	+/- 3.0 ug/mL
12	2,4-Dimethylphenol	105-67-9	99%	400.000 ug/mL	+/- 3.0 ug/mL
13	2,4-Dichlorophenol	120-83-2	99%	400.000 ug/mL	+/- 3.0 ug/mL
14	Benzoic acid	65-85-0	99%	400.000 ug/mL	+/- 3.0 ug/mL
15	4-Chloro-3-methylphenol	59-50-7	99%	400.000 ug/mL	+/- 3.0 ug/mL
16	2,4,6-Trichlorophenol	88-06-2	99%	400.000 ug/mL	+/- 3.0 ug/mL
17	2,4,5-Trichlorophenol	95-95-4	99%	400.000 ug/mL	+/- 3.0 ug/mL
18	2,4-Dinitrophenol	51-28-5	97%	399.989 ug/mL	+/- 3.0 ug/mL
19	2,3,5,6-Tetrachlorophenol	935-95-5	99%	400.000 ug/mL	+/- 2.7 ug/mL
20	4-Nitrophenol	100-02-7	99%	400.000 ug/mL	+/- 3.0 ug/mL
21	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	99%	400.000 ug/mL	+/- 3.0 ug/mL
22	2,4,6-Tribromophenol	118-79-6	99%	400.000 ug/mL	+/- 2.7 ug/mL
23	Pentachlorophenol	87-86-5	97%	399.989 ug/mL	+/- 3.0 ug/mL

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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 57833 **Lot No.:** A081245

Description : Custom Revised 8270 Mix # 2

Container Size : [5] 2 mL **Pkg Amt:** [5] > 2 mL

Expiration Date : [1] April 2013 **Storage:** 0°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. [3] (weight/volume)	% Grav.Uncert. [4] (95% C.L.; K=2)
1	N-Nitrosodimethylamine	62-75-9	99%	400.000 ug/mL	+/-0.67 %
2	Pyridine	110-86-1	99%	400.000 ug/mL	+/-0.67 %
3	Aniline	62-53-3	100%	400.000 ug/mL	+/-0.67 %
4	N-Nitroso-di-n-propylamine	621-64-7	99%	400.000 ug/mL	+/-0.67 %
5	4-Chloroaniline	106-47-8	99%	400.000 ug/mL	+/-0.67 %
6	2,4-Diaminotoluene	95-80-7	99%	400.000 ug/mL	+/-0.67 %
7	3-Nitroaniline	99-09-2	99%	400.000 ug/mL	+/-0.67 %
8	2-Nitroaniline	88-74-4	99%	400.000 ug/mL	+/-0.67 %
9	4-Nitroaniline	100-01-6	99%	400.000 ug/mL	+/-0.67 %
10	N-Nitrosodiphenylamine	86-30-6	97%	399.640 ug/mL	+/-0.67 %
11	Atrazine	1912-24-9	99%	400.000 ug/mL	+/-0.67 %
12	Benzidine	92-87-5	99%	400.000 ug/mL	+/-0.67 %
13	3,3'-Dichlorobenzidine	91-94-1	99%	400.000 ug/mL	+/-0.67 %
14	4,4-Methylene-bis(2-chloroaniline)	101-14-4	98%	399.840 ug/mL	+/-0.67 %
15	3,3'-Dimethoxybenzidine	119-90-4	99%	400.000 ug/mL	+/-0.67 %
Solvent:	Methylene Chloride (MEOH FREE)	75-09-2	99%		

Column:
30m x .25mm x .25um
Rtx-5 (cat.#10223)

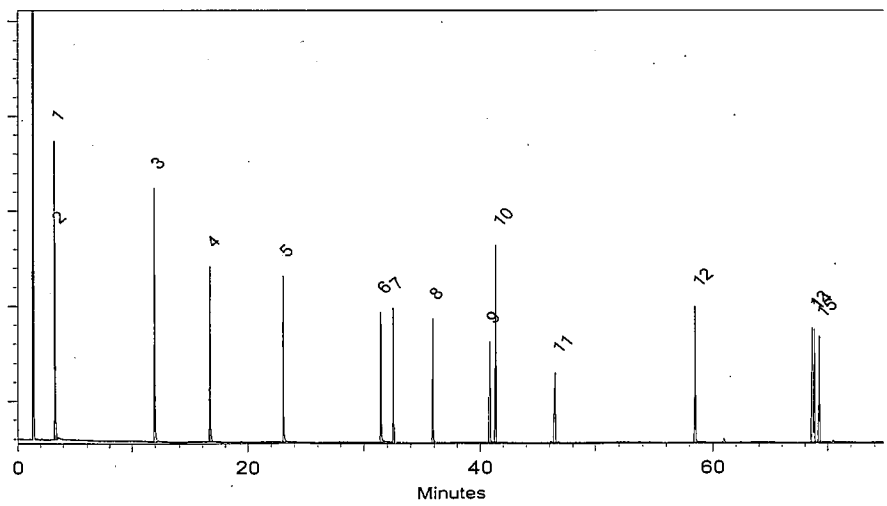
Carrier Gas:
hydrogen-constant pressure 10 psi

Temp. Program:
35°C (hold 3 min.) to 330°C
@ 3°C/min. (hold 3 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
FID



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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 57834 **Lot No.:** A083779

Description : Custom Revised 8270 Mix # 3

Container Size : [5] 2 mL **Pkg Amt:** [5] > 2 mL

Expiration Date : [1] December 2014 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive.

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Ethyl methacrylate	97-63-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
2	Acetophenone	98-86-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
3	Isophorone	78-59-1	99%	400.0 ug/mL	+/- 2.8363 ug/mL
4	Naphthalene	91-20-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
5	epsilon-Caprolactam	105-60-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
6	1-Methylnaphthalene	90-12-0	99%	400.0 ug/mL	+/- 2.8363 ug/mL
7	2-Methylnaphthalene	91-57-6	97%	399.6 ug/mL	+/- 2.8338 ug/mL
8	Biphenyl	92-52-4	99%	400.0 ug/mL	+/- 2.8363 ug/mL
9	Acenaphthylene	208-96-8	99%	400.0 ug/mL	+/- 2.8363 ug/mL
10	Dimethylphthalate	131-11-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
11	Acenaphthene	83-32-9	99%	400.0 ug/mL	+/- 2.8363 ug/mL
12	Dibenzofuran	132-64-9	99%	400.0 ug/mL	+/- 2.8363 ug/mL
13	Fluorene	86-73-7	99%	400.0 ug/mL	+/- 2.8363 ug/mL
14	Diethylphthalate	84-66-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
15	Azobenzene	103-33-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
16	Sulfotepp	3689-24-5	99%	400.0 ug/mL	+/- 2.8363 ug/mL
17	Phenanthrene	85-01-8	99%	400.0 ug/mL	+/- 2.8363 ug/mL
18	Anthracene	120-12-7	99%	400.0 ug/mL	+/- 2.8363 ug/mL
19	Carbazole	86-74-8	98%	399.8 ug/mL	+/- 2.8352 ug/mL
20	Di-n-butylphthalate	84-74-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
21	Fluoranthene	206-44-0	98%	399.8 ug/mL	+/- 2.8352 ug/mL
22	Pyrene	129-00-0	98%	399.8 ug/mL	+/- 2.8352 ug/mL
23	Benzyl butyl phthalate	85-68-7	99%	400.0 ug/mL	+/- 2.8363 ug/mL
24	Benz(a)anthracene	56-55-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
25	Chrysene	218-01-9	99%	400.0 ug/mL	+/- 2.8363 ug/mL
26	Bis(2-ethylhexyl)phthalate	117-81-7	99%	400.0 ug/mL	+/- 2.8363 ug/mL
27	Di-n-octyl phthalate	117-84-0	98%	399.8 ug/mL	+/- 2.8352 ug/mL
28	Benzo(b)fluoranthene	205-99-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
29	Benzo(k)fluoranthene	207-08-9	99%	400.0 ug/mL	+/- 2.8363 ug/mL
30	Benzo(a)pyrene	50-32-8	99%	400.0 ug/mL	+/- 2.8363 ug/mL
31	Indeno(1,2,3-cd)pyrene	193-39-5	99%	400.0 ug/mL	+/- 2.8363 ug/mL
32	Dibenz(a,h)anthracene	53-70-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
33	Benzo(g,h,i)perylene	191-24-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL

Solvent: Methylene Chloride (MEOH FREE) 75-09-2 99%

Column:
30m x .25mm x .25um
Rtx-5 (cat.#10223)

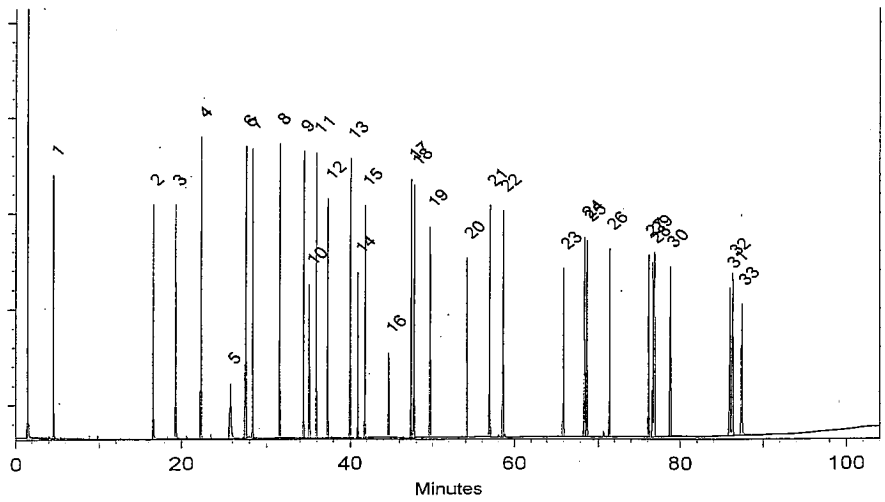
Carrier Gas:
hydrogen-constant pressure 10 psi

Temp. Program:
35°C (hold 3 min.) to 330°C
@ 3°C/min. (hold 3 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
FID



John Lidgett - QA Analyst **Date Passed:** 12-Sep-2011 **Balance:** 1128342314

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 566299 **Lot No.:** A081933

Description : Custom Revised 8270 Mix #4

Container Size : [5] 5 mL **Pkg Amt:** [5] > 2 mL

Expiration Date : [1] May 2014 **Storage:** 10°C or colder

Handling: Sonicate prior to use.

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	3-Chloropropionitrile	542-76-7	99%	400.0 ug/mL	+/- 2.7 ug/mL
2	Malononitrile	109-77-3	99%	400.0 ug/mL	+/- 2.7 ug/mL
3	Benzaldehyde	100-52-7	99%	400.0 ug/mL	+/- 2.7 ug/mL
4	Bis(2-chloroethyl)ether	111-44-4	99%	400.0 ug/mL	+/- 2.7 ug/mL
5	1,3-Dichlorobenzene	541-73-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
6	1,2-Dichlorobenzene-d4	2199-69-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
7	1,2-Dichlorobenzene	95-50-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
8	Bis(2-chloroisopropyl)ether	108-60-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
9	Hexachloroethane	67-72-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
10	Nitrobenzene-d5	4165-60-0	99%	400.0 ug/mL	+/- 2.7 ug/mL
11	Nitrobenzene	98-95-3	99%	400.0 ug/mL	+/- 2.7 ug/mL
12	1,2,4-Trichlorobenzene	120-82-1	97%	399.6 ug/mL	+/- 2.7 ug/mL
13	Bis(2-chloroethoxy)methane	111-91-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
14	1,3,5-Trichlorobenzene	108-70-3	99%	400.0 ug/mL	+/- 2.7 ug/mL
15	1,2,3-Trichlorobenzene	87-61-6	99%	400.0 ug/mL	+/- 2.7 ug/mL
16	Hexachlorobutadiene	87-68-3	98%	399.8 ug/mL	+/- 2.7 ug/mL
17	1,2,3,4-Tetrachlorobenzene	634-66-2	95%	400.0 ug/mL	+/- 2.7 ug/mL
18	Hexachlorocyclopentadiene	77-47-4	99%	400.0 ug/mL	+/- 2.7 ug/mL
19	2-Fluorobiphenyl	321-60-8	99%	400.0 ug/mL	+/- 2.7 ug/mL
20	2-Chloronaphthalene	91-58-7	99%	400.0 ug/mL	+/- 2.7 ug/mL
21	1,2,3,5-Tetrachlorobenzene	634-90-2	99%	400.0 ug/mL	+/- 2.7 ug/mL
22	2,6-Dinitrotoluene	606-20-2	99%	400.0 ug/mL	+/- 2.7 ug/mL
23	1,2-Dinitrobenzene	528-29-0	99%	400.0 ug/mL	+/- 2.7 ug/mL
24	2,4-Dinitrotoluene	121-14-2	99%	400.0 ug/mL	+/- 2.7 ug/mL
25	4-Chlorophenyl phenyl ether	7005-72-3	99%	400.0 ug/mL	+/- 2.7 ug/mL
26	4-Bromophenyl phenyl ether	101-55-3	98%	399.8 ug/mL	+/- 2.7 ug/mL
27	Hexachlorobenzene	118-74-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
28	p-Terphenyl-d14	1718-51-0	97%	399.6 ug/mL	+/- 2.7 ug/mL

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USA

AccuStandard® Inc.

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CERTIFICATE OF ANALYSIS

Catalog No: APP-9-091-50X
Description: 2,4-Dinitrophenol
Lot: B7040078
Solvent: Methanol

Date Certified: Apr 10, 2007
Expiration: Apr 10, 2017
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
2,4-Dinitrophenol	51-28-5	100	5003	5003

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822/272103-05
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

See reverse side for additional information
Refer to the MSDS for additional safety information

Certified by: R. Cooper
Russ Cooper, QC Manager

CERTIFICATION REPORT

1. **Quality Documentation:** This certificate is designed in accordance with ISO Guide 31 (Reference Materials - Contents of Certificates and Labels) and ISO Guide 35 (Reference Materials – General and Statistical Principles for Certification).

2. **Quality Standards:**

   ISO Guide 34 - General Requirements for the Competence of Reference Material Producers ACLASS Certificate Number AR-1463

   AR-1463

   ISO/IEC 17025:2005 - General Requirements for the Competence of Testing and Calibration Laboratories ACLASS Certificate Number AT-1339

   AT-1339

   ISO 9001:2008 Quality Management System - Requirements Eagle Registrations Certificate Number 3774

3. **Intended Use:** The product covered by this certificate is designed for calibration or for use in quality control procedures for the specified chemical compounds listed on the reverse side. This product can be used for quantification and/or identification. This product can also be used as a reference material to validate analytical procedures, subject to the conditions under Section 11. If dilution is required, use only Class A glassware and diluent compatible with all certified analytes in this preparation. All solutions should be thoroughly mixed prior to use.

4. **Raw Materials:** Reference standards are prepared from the highest quality starting materials with defined purities. All analytes and solvents are obtained from pre-qualified vendors and then analyzed or evaluated prior to use.

5. **Manufacturing:** All balances are calibrated daily using an in-house procedure with weights that are compared annually to master weights and traceable to NIST. The balances are also calibrated annually by an ISO/IEC 17025 accredited calibration laboratory. Please refer to the NIST test number listed on the front of this certificate. Class A glassware is used in the manufacture and quality control of all standards and calibrated using an in-house procedure. Good Laboratory Practices have been used throughout the preparation of this CRM.

6. **Homogeneity Assessment:** Homogeneity of the finished product is assessed by analyzing sample batches or by other methods consistent with the intended use of the product and by procedures that comply with the appropriate Quality System requirements, and ISO Guide 35.

7. **Stability Assessment:** The manufacturer guarantees the stability of this solution through the expiration date stated on the label, when handled and stored according to the conditions stated on the label. To ensure a uniform solution, mix the contents of the sealed container thoroughly prior to use. Care should be taken not to contaminate the contents of the original container.

8. **Analytical Quality Control:** Products are tested by validated analytical methods specified in the manufacturer's quality system.

9. **Uncertainty Statistics and Confidence Limits:** The uncertainty values as stated on the face of this certificate have been determined using the EURACHEM/CITAC Guide (Quantifying Uncertainty in Analytical Measurement). We have evaluated both Type A (based on a series of observations) and Type B (manufacturers specifications and calibration data) factors and report a combined expanded uncertainty equal to the positive square root of the total variance of the uncertainty of the components using the following formula: $u_m = \sqrt{(u(P))^2 + (u(m))^2 + (u(V))^2}$. The expanded uncertainty, U, assumes a normal distribution and a coverage factor of k=2 is chosen using approximately a 95% confidence level. Laboratories accredited to ISO/IEC 17025 and ISO Guide 34 are required to estimate uncertainty budgets associated with the measurements they make. However, for analysis, the certified value should be used as the actual value.

10. **Warranties:** The manufacturer warrants that its products shall conform to the description of such products as provided in its catalog or on the specific product label. This warranty is exclusive, and the manufacturer makes no other warranty, express or implied, including any implied warranty of merchantability or fitness for any particular purpose.

11. **Legal Notice and Limit of Liability:** This product is for routine laboratory analysis and research purposes only. Due to the hazardous nature, only trained personnel should handle this product. The company's liability will be limited to replacement of product or refund of purchase price. Notice of claims must be made within thirty (30) days from date of delivery.

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CERTIFICATE OF ANALYSIS

Catalog No: Z-014D-1
Description: Benzoic acid
Lot: 211061093
Solvent: Dichloromethane

Date Certified: Jun 7, 2011
Expiration: Jun 7, 2021
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HARMFUL

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % MFG	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Benzoic acid	65-85-0	99.5	2004	1994

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822/272103-05
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

See reverse side for additional information
Refer to the MSDS for additional safety information

Certified by: R. Cooper
Russ Cooper, QC Manager

CERTIFICATION REPORT

1. **Quality Documentation:** This certificate is designed in accordance with ISO Guide 31 (Reference Materials - Contents of Certificates and Labels) and ISO Guide 35 (Reference Materials – General and Statistical Principles for Certification).

2. **Quality Standards:**

   ISO Guide 34 – General Requirements for the Competence of Reference Material Producers ACLASS Certificate Number AR-1463

   AR-1463

   ISO/IEC 17025:2005 - General Requirements for the Competence of Testing and Calibration Laboratories ACLASS Certificate Number AT-1339

   AT-1339

   ISO 9001:2008 Quality Management System - Requirements
   Eagle Registrations Certificate Number 3774

3. **Intended Use:** The product covered by this certificate is designed for calibration or for use in quality control procedures for the specified chemical compounds listed on the reverse side. This product can be used for quantification and/or identification. This product can also be used as a reference material to validate analytical procedures, subject to the conditions under Section 11. If dilution is required, use only Class A glassware and diluent compatible with all certified analytes in this preparation. All solutions should be thoroughly mixed prior to use.

4. **Raw Materials:** Reference standards are prepared from the highest quality starting materials with defined purities. All analytes and solvents are obtained from pre-qualified vendors and then analyzed or evaluated prior to use.

5. **Manufacturing:** All balances are calibrated daily using an in-house procedure with weights that are compared annually to master weights and traceable to NIST. The balances are also calibrated annually by an ISO/IEC 17025 accredited calibration laboratory. Please refer to the NIST test number listed on the front of this certificate. Class A glassware is used in the manufacture and quality control of all standards and calibrated.using an in-house procedure. Good Laboratory Practices have been used throughout the preparation of this CRM.

6. **Homogeneity Assessment:** Homogeneity of the finished product is assessed by analyzing sample batches or by other methods consistent with the intended use of the product and by procedures that comply with the appropriate Quality System requirements, and ISO Guide 35.

7. **Stability Assessment:** The manufacturer guarantees the stability of this solution through the expiration date stated on the label, when handled and stored according to the conditions stated on the label. To ensure a uniform solution, mix the contents of the sealed container thoroughly prior to use. Care should be taken not to contaminate the contents of the original container.

8. **Analytical Quality Control:** Products are tested by validated analytical methods specified in the manufacturer's quality system.

9. **Uncertainty Statistics and Confidence Limits:** The uncertainty values as stated on the face of this certificate have been determined using the EURACHEM/CITAC Guide (Quantifying Uncertainty in Analytical Measurement). We have evaluated both Type A (based on a series of observations) and Type B (manufacturers specifications and calibration data) factors and report a combined expanded uncertainty equal to the positive square root of the total variance of the uncertainty of the components using the following formula: $u_{\mathrm{m}} = \sqrt{(u(\mathrm{P}))^2 + (u(\mathrm{m}))^2 + (u(\mathrm{V}))^2}$. The expanded uncertainty, U, assumes a normal distribution and a coverage factor of k=2 is chosen using approximately a 95% confidence level. Laboratories accredited to ISO/IEC 17025 and ISO Guide 34 are required to estimate uncertainty budgets associated with the measurements they make. However, for analysis, the certified value should be used as the actual value.

10. **Warranties:** The manufacturer warrants that its products shall conform to the description of such products as provided in its catalog or on the specific product label. This warranty is exclusive, and the manufacturer makes no other warranty, express or implied, including any implied warranty of merchantability or fitness for any particular purpose.

11. **Legal Notice and Limit of Liability:** This product is for routine laboratory analysis and research purposes only. Due to the hazardous nature, only trained personnel should handle this product. The company's liability will be limited to replacement of product or refund of purchase price. Notice of claims must be made within thirty (30) days from date of delivery.

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CERTIFICATE OF ANALYSIS

Catalog No: APP-9-176-D-20X
Description: Pentachlorophenol
Lot: 211041014
Solvent: Dichloromethane

Date Certified: Apr 1, 2011
Expiration: Apr 1, 2021
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HARMFUL

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/FID)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Pentachlorophenol	87-86-5	99.0	2007	1987

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

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1. All weights are traceable through NIST, Test No.822/272103-05
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

See reverse side for additional information
Refer to the MSDS for additional safety information

Certified by: R. Cooper
Russ Cooper, QC Manager

AccuStandard is accredited to ISO Guide 34, ISO/IEC 17025 and certified to ISO 9001

CERTIFICATION REPORT

1. **Quality Documentation:** This certificate is designed in accordance with ISO Guide 31 (Reference Materials – Contents of Certificates and Labels) and ISO Guide 35 (Reference Materials – General and Statistical Principles for Certification).

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   AR-1463

   ISO/IEC 17025:2005 - General Requirements for the Competence of Testing and Calibration Laboratories ACLASS Certificate Number AT-1339

   AT-1339

   ISO 9001:2008 Quality Management System - Requirements Eagle Registrations Certificate Number 3774

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5. **Manufacturing:** All balances are calibrated daily using an in-house procedure with weights that are compared annually to master weights and traceable to NIST. The balances are also calibrated annually by an ISO/IEC 17025 accredited calibration laboratory. Please refer to the NIST test number listed on the front of this certificate. Class A glassware is used in the manufacture and quality control of all standards and calibrated using an in-house procedure. Good Laboratory Practices have been used throughout the preparation of this CRM.

6. **Homogeneity Assessment:** Homogeneity of the finished product is assessed by analyzing sample batches or by other methods consistent with the intended use of the product and by procedures that comply with the appropriate Quality System requirements, and ISO Guide 35.

7. **Stability Assessment:** The manufacturer guarantees the stability of this solution through the expiration date stated on the label, when handled and stored according to the conditions stated on the label. To ensure a uniform solution, mix the contents of the sealed container thoroughly prior to use. Care should be taken not to contaminate the contents of the original container.

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Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)		WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
ACENAPHTHENE	83-32-9	99.9		1000	+/-	5.0	LB82590
ACENAPHTHYLENE	208-96-8	99.9		1000	+/-	5.0	LB84923
ACETOPHENONE	98-86-2	99.2		1001	+/-	5.0	LB61700
ANILINE	62-53-3	99.9		1000	+/-	5.0	LA41596
ANTHRACENE	120-12-7	99.5		1000	+/-	5.0	LB77576
ATRAZINE	1912-24-9	99.9		1000	+/-	5.0	LB77962
AZOBENZENE	103-33-3	99.9		1000	+/-	5.0	LB83060
BENZALDEHYDE	100-52-7	99.9		999	+/-	5.0	LB82946
BENZIDINE	92-87-5	99.9		1000	+/-	5.0	LB83682
BENZO (A) ANTHRACENE	56-55-3	99.4	(a)	1000	+/-	5.0	LB78146
BENZO (A) PYRENE	50-32-8	99.9	(a)	1000	+/-	5.0	LB79478
BENZO (B) FLUORANTHENE	205-99-2	99.9		1000	+/-	5.0	LB77269
BENZO (G,H,I) PERYLENE	191-24-2	99.6		1000	+/-	5.0	LB62550
BENZO (K) FLUORANTHENE	207-08-9	99.9		1000	+/-	5.0	LB84765
BENZOIC ACID	65-85-0	99.9		2001	+/-	10.0	LA84486
BENZYL ALCOHOL	100-51-6	99.9		1001	+/-	5.0	LB48374
BENZYL BUTYL PHTHALATE	85-68-7	98.6		1000	+/-	5.0	LB60340
BIPHENYL	92-52-4	99.9		1002	+/-	5.0	LB30457
BIS (2-CHLOROETHOXY) METHANE	111-91-1	98.5		1000	+/-	5.0	LB71304

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

Elwood Doughty
QA Manager

Supelco warrants that its products conform to the information contained in this publication. Purchaser must determine the suitability of the product for its particular use. Please see the latest catalog or order invoice and packing slip for additional terms and conditions of sale.

SUPELCO® Analytical
595 North Harrison Road • Bellefonte, PA
16823-0048 USA • Phone (814) 359-3441

Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
BIS (2-CHLOROETHYL) ETHER	111-44-4	99.9	1000	+/-	5.0	LB33319
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	97.4	1000	+/-	5.0	LB84548
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	99.7	1000	+/-	5.0	LB58359
CAPROLACTAM	105-60-2	99.9	1000	+/-	5.0	LB34145
CARBAZOLE	86-74-8	99.9	1000	+/-	5.0	LB60643
CHRYSENE	218-01-9	98.4	1000	+/-	5.0	LB85109
DI-N-BUTYL PHTHALATE	84-74-2	99.5	1000	+/-	5.0	LB64921
DI-N-OCTYL PHTHALATE	117-84-0	99.9	1000	+/-	5.0	LB83131
DIBENZ (A,H) ANTHRACENE	53-70-3	99.9	1000	+/-	5.0	LB87229
DIBENZOFURAN	132-64-9	98.9	1000	+/-	5.0	LB78814
DIETHYL PHTHALATE	84-66-2	99.2	1000	+/-	5.0	LB60384
DIMETHYL PHTHALATE	131-11-3	99.9	1000	+/-	5.0	LB30494
FLUORANTHENE	206-44-0	99.5	1000	+/-	5.0	LB36331
FLUORENE	86-73-7	98.5	1000	+/-	5.0	LB82164
HEXACHLOROBENZENE	118-74-1	99.9	1000	+/-	5.0	LB87401
HEXACHLOROBUTADIENE	87-68-3	96.2	1000	+/-	5.0	LB67777
HEXACHLOROCYCLOPENTADIENE	77-47-4	97.2	1000	+/-	5.0	LB84590
HEXACHLOROETHANE	67-72-1	99.9	1000	+/-	5.0	LB29072
INDENO (1,2,3-CD) PYRENE	193-39-5	99.7	1000	+/-	5.0	LB87713

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

Elwood Doughty
QA Manager

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SUPELCO® Analytical
595 North Harrison Road • Bellefonte, PA
16823-0048 USA • Phone (814) 359-3441

Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
ISOPHORONE	78-59-1	99.1	1000	+/-	5.0	LB45460
N-NITROSODI-N-PROPYLAMINE	621-64-7	99.9	1000	+/-	5.0	LB79763
N-NITROSODIMETHYLAMINE	62-75-9	99.9	1000	+/-	5.0	LB83854
N-NITROSODIPHENYLAMINE	86-30-6	98.6	1001	+/-	5.0	LB17295
N-NITROSOPYRROLIDINE	930-55-2	99.9	1001	+/-	5.0	LB78816
NAPHTHALENE	91-20-3	99.9	1000	+/-	5.0	LB77841
NITROBENZENE	98-95-3	99.9	1000	+/-	5.0	LB47070
PENTACHLOROPHENOL	87-86-5	99.9	2000	+/-	10.0	LB75554
PHENANTHRENE	85-01-8	99.1	1000	+/-	5.0	LB68872
PHENOL	108-95-2	99.9	1002	+/-	5.0	LB57703
PYRENE	129-00-0	97.5	1000	+/-	5.0	LB70761
1,2-DICHLOROBENZENE	95-50-1	99.9	1000	+/-	5.0	LA96474
1,2,4-TRICHLOROBENZENE	120-82-1	99.5	1000	+/-	5.0	LB48083
1,2,4,5-TETRACHLOROBENZENE	95-94-3	99.9	1000	+/-	5.0	LB61817
1,3-DICHLOROBENZENE	541-73-1	99.9	1000	+/-	5.0	LB68066
1,4-DICHLOROBENZENE	106-46-7	99.9	1000	+/-	5.0	LB69983
1,4-DIOXANE	123-91-1	99.9	1002	+/-	5.0	LB82982
2-CHLORONAPHTHALENE	91-58-7	99.4	1000	+/-	5.0	LB48170
2-CHLOROPHENOL	95-57-8	99.6	999	+/-	5.0	LB83266

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a) HPLC UV-254NM

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Elwood Doughty
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METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
2-METHYL-4,6-DINITROPHENOL	534-52-1	99.9	1001 +/- 5.0	LB31592
2-METHYLNAPHTHALENE	91-57-6	98.3	1000 +/- 5.0	LB44448
2-METHYLPHENOL	95-48-7	99.8	1000 +/- 5.0	LB30223
2-NITROANILINE	88-74-4	99.9	1000 +/- 5.0	LB49936
2-NITROPHENOL	88-75-5	99.9	1000 +/- 5.0	LB44736
2,3,4,6-TETRACHLOROPHENOL	58-90-2	98.4	1000 +/- 5.0	LB75078
2,4-DICHLOROPHENOL	120-83-2	98.8	1002 +/- 5.0	LB76837
2,4-DIMETHYLPHENOL	105-67-9	99.9	1000 +/- 5.0	LB88935
2,4-DINITROPHENOL	51-28-5	98.6	2003 +/- 10.0	LB28389
2,4-DINITROTOLUENE	121-14-2	96.0	1000 +/- 5.0	LB46632
2,4,5-TRICHLOROPHENOL	95-95-4	99.9	1000 +/- 5.0	LB35288
2,4,6-TRICHLOROPHENOL	88-06-2	99.9	1000 +/- 5.0	LB65559
2,6-DICHLOROPHENOL	87-65-0	99.9	1002 +/- 5.0	LB03525
2,6-DINITROTOLUENE	606-20-2	99.9	1000 +/- 5.0	LB79891
3-NITROANILINE	99-09-2	99.9	1000 +/- 5.0	LB73829
3,3-DICHLOROBENZIDINE	91-94-1	99.4	1000 +/- 5.0	LB68654
4-BROMOPHENYLPHENYL ETHER	101-55-3	98.8	1000 +/- 5.0	LB63786
4-CHLORO-3-METHYLPHENOL	59-50-7	99.9	1000 +/- 5.0	LB83265
4-CHLOROANILINE	106-47-8	99.9	1000 +/- 5.0	LB82916

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

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SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
4-CHLOROPHENYLPHENYL ETHER	7005-72-3	99.9	1000 +/- 5.0	LB72185
4-METHYLPHENOL	106-44-5	99.9	1000 +/- 5.0	LB32518
4-NITROANILINE	100-01-6	99.9	1000 +/- 5.0	LB42566
4-NITROPHENOL	100-02-7	99.9	1001 +/- 5.0	LB83255

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ACENAPHTHENE	83-32-9	99.9		1000	+/-	5.0	LB82590
ACENAPHTHYLENE	208-96-8	99.9		1000	+/-	5.0	LB84923
ACETOPHENONE	98-86-2	99.2		1001	+/-	5.0	LB61700
ANILINE	62-53-3	99.9		1000	+/-	5.0	LA41596
ANTHRACENE	120-12-7	99.5		1000	+/-	5.0	LB77576
ATRAZINE	1912-24-9	99.9		1000	+/-	5.0	LB77962
AZOBENZENE	103-33-3	99.9		1000	+/-	5.0	LB83060
BENZALDEHYDE	100-52-7	99.9		999	+/-	5.0	LB82946
BENZIDINE	92-87-5	99.9		1000	+/-	5.0	LB83682
BENZO (A) ANTHRACENE	56-55-3	99.4	(a)	1000	+/-	5.0	LB78146
BENZO (A) PYRENE	50-32-8	99.9	(a)	1000	+/-	5.0	LB79478
BENZO (B) FLUORANTHENE	205-99-2	99.9		1000	+/-	5.0	LB77269
BENZO (G,H,I) PERYLENE	191-24-2	99.6		1000	+/-	5.0	LB62550
BENZO (K) FLUORANTHENE	207-08-9	99.9		1000	+/-	5.0	LB84765
BENZOIC ACID	65-85-0	99.9		2001	+/-	10.0	LA84486
BENZYL ALCOHOL	100-51-6	99.9		1001	+/-	5.0	LB48374
BENZYL BUTYL PHTHALATE	85-68-7	98.6		1000	+/-	5.0	LB60340
BIPHENYL	92-52-4	99.9		1002	+/-	5.0	LB30457
BIS (2-CHLOROETHOXY) METHANE	111-91-1	98.5		1000	+/-	5.0	LB71304

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BIS (2-CHLOROETHYL) ETHER	111-44-4	99.9	1000	+/-	5.0	LB33319
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	97.4	1000	+/-	5.0	LB84548
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	99.7	1000	+/-	5.0	LB58359
CAPROLACTAM	105-60-2	99.9	1000	+/-	5.0	LB34145
CARBAZOLE	86-74-8	99.9	1000	+/-	5.0	LB60643
CHRYSENE	218-01-9	98.4	1000	+/-	5.0	LB85109
DI-N-BUTYL PHTHALATE	84-74-2	99.5	1000	+/-	5.0	LB64921
DI-N-OCTYL PHTHALATE	117-84-0	99.9	1000	+/-	5.0	LB83131
DIBENZ (A,H) ANTHRACENE	53-70-3	99.9	1000	+/-	5.0	LB87229
DIBENZOFURAN	132-64-9	98.9	1000	+/-	5.0	LB78814
DIETHYL PHTHALATE	84-66-2	99.2	1000	+/-	5.0	LB60384
DIMETHYL PHTHALATE	131-11-3	99.9	1000	+/-	5.0	LB30494
FLUORANTHENE	206-44-0	99.5	1000	+/-	5.0	LB36331
FLUORENE	86-73-7	98.5	1000	+/-	5.0	LB82164
HEXACHLOROBENZENE	118-74-1	99.9	1000	+/-	5.0	LB87401
HEXACHLOROBUTADIENE	87-68-3	96.2	1000	+/-	5.0	LB67777
HEXACHLOROCYCLOPENTADIENE	77-47-4	97.2	1000	+/-	5.0	LB84590
HEXACHLOROETHANE	67-72-1	99.9	1000	+/-	5.0	LB29072
INDENO (1,2,3-CD) PYRENE	193-39-5	99.7	1000	+/-	5.0	LB87713

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a) HPLC UV-254NM

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ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
ISOPHORONE	78-59-1	99.1	1000	+/-	5.0	LB45460
N-NITROSODI-N-PROPYLAMINE	621-64-7	99.9	1000	+/-	5.0	LB79763
N-NITROSODIMETHYLAMINE	62-75-9	99.9	1000	+/-	5.0	LB83854
N-NITROSODIPHENYLAMINE	86-30-6	98.6	1001	+/-	5.0	LB17295
N-NITROSOPYRROLIDINE	930-55-2	99.9	1001	+/-	5.0	LB78816
NAPHTHALENE	91-20-3	99.9	1000	+/-	5.0	LB77841
NITROBENZENE	98-95-3	99.9	1000	+/-	5.0	LB47070
PENTACHLOROPHENOL	87-86-5	99.9	2000	+/-	10.0	LB75554
PHENANTHRENE	85-01-8	99.1	1000	+/-	5.0	LB68872
PHENOL	108-95-2	99.9	1002	+/-	5.0	LB57703
PYRENE	129-00-0	97.5	1000	+/-	5.0	LB70761
1,2-DICHLOROBENZENE	95-50-1	99.9	1000	+/-	5.0	LA96474
1,2,4-TRICHLOROBENZENE	120-82-1	99.5	1000	+/-	5.0	LB48083
1,2,4,5-TETRACHLOROBENZENE	95-94-3	99.9	1000	+/-	5.0	LB61817
1,3-DICHLOROBENZENE	541-73-1	99.9	1000	+/-	5.0	LB68066
1,4-DICHLOROBENZENE	106-46-7	99.9	1000	+/-	5.0	LB69983
1,4-DIOXANE	123-91-1	99.9	1002	+/-	5.0	LB82982
2-CHLORONAPHTHALENE	91-58-7	99.4	1000	+/-	5.0	LB48170
2-CHLOROPHENOL	95-57-8	99.6	999	+/-	5.0	LB83266

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ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
2-METHYL-4,6-DINITROPHENOL	534-52-1	99.9	1001 +/- 5.0	LB31592
2-METHYLNAPHTHALENE	91-57-6	98.3	1000 +/- 5.0	LB44448
2-METHYLPHENOL	95-48-7	99.8	1000 +/- 5.0	LB30223
2-NITROANILINE	88-74-4	99.9	1000 +/- 5.0	LB49936
2-NITROPHENOL	88-75-5	99.9	1000 +/- 5.0	LB44736
2,3,4,6-TETRACHLOROPHENOL	58-90-2	98.4	1000 +/- 5.0	LB75078
2,4-DICHLOROPHENOL	120-83-2	98.8	1002 +/- 5.0	LB76837
2,4-DIMETHYLPHENOL	105-67-9	99.9	1000 +/- 5.0	LB88935
2,4-DINITROPHENOL	51-28-5	98.6	2003 +/- 10.0	LB28389
2,4-DINITROTOLUENE	121-14-2	96.0	1000 +/- 5.0	LB46632
2,4,5-TRICHLOROPHENOL	95-95-4	99.9	1000 +/- 5.0	LB35288
2,4,6-TRICHLOROPHENOL	88-06-2	99.9	1000 +/- 5.0	LB65559
2,6-DICHLOROPHENOL	87-65-0	99.9	1002 +/- 5.0	LB03525
2,6-DINITROTOLUENE	606-20-2	99.9	1000 +/- 5.0	LB79891
3-NITROANILINE	99-09-2	99.9	1000 +/- 5.0	LB73829
3,3-DICHLOROBENZIDINE	91-94-1	99.4	1000 +/- 5.0	LB68654
4-BROMOPHENYLPHENYL ETHER	101-55-3	98.8	1000 +/- 5.0	LB63786
4-CHLORO-3-METHYLPHENOL	59-50-7	99.9	1000 +/- 5.0	LB83265
4-CHLOROANILINE	106-47-8	99.9	1000 +/- 5.0	LB82916

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ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
4-CHLOROPHENYLPHENYL ETHER	7005-72-3	99.9	1000 +/- 5.0	LB72185
4-METHYLPHENOL	106-44-5	99.9	1000 +/- 5.0	LB32518
4-NITROANILINE	100-01-6	99.9	1000 +/- 5.0	LB42566
4-NITROPHENOL	100-02-7	99.9	1001 +/- 5.0	LB83255

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ACENAPHTHENE	83-32-9	99.9		1000	+/-	5.0	LB82590
ACENAPHTHYLENE	208-96-8	99.9		1000	+/-	5.0	LB84923
ACETOPHENONE	98-86-2	99.2		1001	+/-	5.0	LB61700
ANILINE	62-53-3	99.9		1000	+/-	5.0	LA41596
ANTHRACENE	120-12-7	99.5		1000	+/-	5.0	LB77576
ATRAZINE	1912-24-9	99.9		1000	+/-	5.0	LB77962
AZOBENZENE	103-33-3	99.9		1000	+/-	5.0	LB83060
BENZALDEHYDE	100-52-7	99.9		999	+/-	5.0	LB82946
BENZIDINE	92-87-5	99.9		1000	+/-	5.0	LB83682
BENZO (A) ANTHRACENE	56-55-3	99.4	(a)	1000	+/-	5.0	LB78146
BENZO (A) PYRENE	50-32-8	99.9	(a)	1000	+/-	5.0	LB79478
BENZO (B) FLUORANTHENE	205-99-2	99.9		1000	+/-	5.0	LB77269
BENZO (G,H,I) PERYLENE	191-24-2	99.6		1000	+/-	5.0	LB62550
BENZO (K) FLUORANTHENE	207-08-9	99.9		1000	+/-	5.0	LB84765
BENZOIC ACID	65-85-0	99.9		2001	+/-	10.0	LA84486
BENZYL ALCOHOL	100-51-6	99.9		1001	+/-	5.0	LB48374
BENZYL BUTYL PHTHALATE	85-68-7	98.6		1000	+/-	5.0	LB60340
BIPHENYL	92-52-4	99.9		1002	+/-	5.0	LB30457
BIS (2-CHLOROETHOXY) METHANE	111-91-1	98.5		1000	+/-	5.0	LB71304

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ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
BIS (2-CHLOROETHYL) ETHER	111-44-4	99.9	1000	+/-	5.0	LB33319
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	97.4	1000	+/-	5.0	LB84548
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	99.7	1000	+/-	5.0	LB58359
CAPROLACTAM	105-60-2	99.9	1000	+/-	5.0	LB34145
CARBAZOLE	86-74-8	99.9	1000	+/-	5.0	LB60643
CHRYSENE	218-01-9	98.4	1000	+/-	5.0	LB85109
DI-N-BUTYL PHTHALATE	84-74-2	99.5	1000	+/-	5.0	LB64921
DI-N-OCTYL PHTHALATE	117-84-0	99.9	1000	+/-	5.0	LB83131
DIBENZ (A,H) ANTHRACENE	53-70-3	99.9	1000	+/-	5.0	LB87229
DIBENZOFURAN	132-64-9	98.9	1000	+/-	5.0	LB78814
DIETHYL PHTHALATE	84-66-2	99.2	1000	+/-	5.0	LB60384
DIMETHYL PHTHALATE	131-11-3	99.9	1000	+/-	5.0	LB30494
FLUORANTHENE	206-44-0	99.5	1000	+/-	5.0	LB36331
FLUORENE	86-73-7	98.5	1000	+/-	5.0	LB82164
HEXACHLOROBENZENE	118-74-1	99.9	1000	+/-	5.0	LB87401
HEXACHLOROBUTADIENE	87-68-3	96.2	1000	+/-	5.0	LB67777
HEXACHLOROCYCLOPENTADIENE	77-47-4	97.2	1000	+/-	5.0	LB84590
HEXACHLOROETHANE	67-72-1	99.9	1000	+/-	5.0	LB29072
INDENO (1,2,3-CD) PYRENE	193-39-5	99.7	1000	+/-	5.0	LB87713

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

Elwood Doughty
QA Manager

Supelco warrants that its products conform to the information contained in this publication. Purchaser must determine the suitability of the product for its particular use. Please see the latest catalog or order invoice and packing slip for additional terms and conditions of sale.

SUPELCO® Analytical
595 North Harrison Road • Bellefonte, PA
16823-0048 USA • Phone (814) 359-3441

Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
ISOPHORONE	78-59-1	99.1	1000	+/-	5.0	LB45460
N-NITROSODI-N-PROPYLAMINE	621-64-7	99.9	1000	+/-	5.0	LB79763
N-NITROSODIMETHYLAMINE	62-75-9	99.9	1000	+/-	5.0	LB83854
N-NITROSODIPHENYLAMINE	86-30-6	98.6	1001	+/-	5.0	LB17295
N-NITROSOPYRROLIDINE	930-55-2	99.9	1001	+/-	5.0	LB78816
NAPHTHALENE	91-20-3	99.9	1000	+/-	5.0	LB77841
NITROBENZENE	98-95-3	99.9	1000	+/-	5.0	LB47070
PENTACHLOROPHENOL	87-86-5	99.9	2000	+/-	10.0	LB75554
PHENANTHRENE	85-01-8	99.1	1000	+/-	5.0	LB68872
PHENOL	108-95-2	99.9	1002	+/-	5.0	LB57703
PYRENE	129-00-0	97.5	1000	+/-	5.0	LB70761
1,2-DICHLOROBENZENE	95-50-1	99.9	1000	+/-	5.0	LA96474
1,2,4-TRICHLOROBENZENE	120-82-1	99.5	1000	+/-	5.0	LB48083
1,2,4,5-TETRACHLOROBENZENE	95-94-3	99.9	1000	+/-	5.0	LB61817
1,3-DICHLOROBENZENE	541-73-1	99.9	1000	+/-	5.0	LB68066
1,4-DICHLOROBENZENE	106-46-7	99.9	1000	+/-	5.0	LB69983
1,4-DIOXANE	123-91-1	99.9	1002	+/-	5.0	LB82982
2-CHLORONAPHTHALENE	91-58-7	99.4	1000	+/-	5.0	LB48170
2-CHLOROPHENOL	95-57-8	99.6	999	+/-	5.0	LB83266

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

Elwood Doughty
QA Manager

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Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
2-METHYL-4,6-DINITROPHENOL	534-52-1	99.9	1001 +/- 5.0	LB31592
2-METHYLNAPHTHALENE	91-57-6	98.3	1000 +/- 5.0	LB44448
2-METHYLPHENOL	95-48-7	99.8	1000 +/- 5.0	LB30223
2-NITROANILINE	88-74-4	99.9	1000 +/- 5.0	LB49936
2-NITROPHENOL	88-75-5	99.9	1000 +/- 5.0	LB44736
2,3,4,6-TETRACHLOROPHENOL	58-90-2	98.4	1000 +/- 5.0	LB75078
2,4-DICHLOROPHENOL	120-83-2	98.8	1002 +/- 5.0	LB76837
2,4-DIMETHYLPHENOL	105-67-9	99.9	1000 +/- 5.0	LB88935
2,4-DINITROPHENOL	51-28-5	98.6	2003 +/- 10.0	LB28389
2,4-DINITROTOLUENE	121-14-2	96.0	1000 +/- 5.0	LB46632
2,4,5-TRICHLOROPHENOL	95-95-4	99.9	1000 +/- 5.0	LB35288
2,4,6-TRICHLOROPHENOL	88-06-2	99.9	1000 +/- 5.0	LB65559
2,6-DICHLOROPHENOL	87-65-0	99.9	1002 +/- 5.0	LB03525
2,6-DINITROTOLUENE	606-20-2	99.9	1000 +/- 5.0	LB79891
3-NITROANILINE	99-09-2	99.9	1000 +/- 5.0	LB73829
3,3-DICHLOROBENZIDINE	91-94-1	99.4	1000 +/- 5.0	LB68654
4-BROMOPHENYLPHENYL ETHER	101-55-3	98.8	1000 +/- 5.0	LB63786
4-CHLORO-3-METHYLPHENOL	59-50-7	99.9	1000 +/- 5.0	LB83265
4-CHLOROANILINE	106-47-8	99.9	1000 +/- 5.0	LB82916

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

Elwood Doughty
QA Manager

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Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
4-CHLOROPHENYLPHENYL ETHER	7005-72-3	99.9	1000 +/- 5.0	LB72185
4-METHYLPHENOL	106-44-5	99.9	1000 +/- 5.0	LB32518
4-NITROANILINE	100-01-6	99.9	1000 +/- 5.0	LB42566
4-NITROPHENOL	100-02-7	99.9	1001 +/- 5.0	LB83255

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

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Certificate of Analysis

Semi-Volatiles Internal Standard Mixture

Product Number: US-108N **Page:** 1 of 1

Lot Number: CH-1761 **Lot Issue Date:** 02-Jun-2011 **Expiration Date:** 30-Jun-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
acenaphthene-d10	015067-26-2	RM01458/PR-19991	4013 ± 20 µg/mL
chrysene-d12	001719-03-5	RM01460/Z421P15	4013 ± 20 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM01700/PR-12866	4013 ± 20 µg/mL
naphthalene-d8	001146-65-2	RM01459/PR-19724	4013 ± 20 µg/mL
perylene-d12	001520-96-3	RM01461/P199BP2	4014 ± 20 µg/mL
phenanthrene-d10	001517-22-2	RM01462/PR-19222	4013 ± 20 µg/mL

Matrix: methylene chloride (dichloromethane)

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0861-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-100.

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

Semi-Volatiles Internal Standard Mixture

Print Components

Component Information for US-108N

Analyte	Concentration
acenaphthene-d10	4000 µg/mL
chrysene-d12	4000 µg/mL
1,4-dichlorobenzene-d4	4000 µg/mL
naphthalene-d8	4000 µg/mL
perylene-d12	4000 µg/mL
phenanthrene-d10	4000 µg/mL

Matrix Details

Matrix	methylene chloride (dichloromethane)

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SMIS_00004

US-108N
Lot: CH-1761
Exp: 06/30/2014
ULTRA
1 mL
Semi-Volatiles Internal Standard Mixture
6 analyte(s) at 4000 µg/mL in dichloromethane
For Lab Use Only
250 Smith St, No Kingstown, RI 02852 USA

125 Market Street
New Haven, CT 06513
USA

AccuStandard® Inc.

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

CATALOG NO: AK-101.0-GCS-BTEX
DESCRIPTION: Gasoline Calibration Standard
LOT: B5040009
SOLVENT: Methanol

EXPIRATION: Apr 5 , 2015
DATE CERTIFIED: Apr 5, 2005
SAMPLE SIZE: disc.
STORAGE CONDITION: Ambient
HAZARDS: HIGHLY FLAMMABLE

Refer to the MSDS for additional safety information

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	Cas Number	Purity % (GC/FID)	Prepared Concentration[1] %w/v	Certified Analyte Concentration[2] %w/v
Benzene	71-43-2	0.006	0.008	.000
Toluene	108-88-3	0.027	0.034	.000
Ethylbenzene	100-41-4	0.006	0.008	.000
m+p-Xylene	N/A	0.023	0.029	.000
o-Xylene	95-47-6	0.009	0.012	.000

5 Components

Premium, Regular leaded, and Regular unleaded gasoline mix. The BTEX concentrations were determined analytically.

1. All weights are traceable through NIST, Test No. 822/254480
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±6%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

Certified by: R. Cooper
Russ Cooper, QC Manager

ULTRA SCIENTIFIC
Analytical Solutions

Certificate of Analysis

Reid 7/6/12

BTEX in Gasoline

Product Number: BTX-3000 **Page:** 1 of 1

Lot Number: S-0681W **Lot Issue Date:** Sep-2010 **Expiration Date:** Oct-2013

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
tert-butylmethyl ether	001634-04-4	100	108511 ± 543 µg/mL
benzene	000071-43-2	100	5456 ± 27 µg/mL
toluene	000108-88-3	100	23472 ± 117 µg/mL
ethylbenzene	000100-41-4	100	7802 ± 39 µg/mL
o-xylene	000095-47-6	100	9803 ± 49 µg/mL
m/p-xylenes	001330-20-7	100	23364 ± 117 µg/mL
isopropylbenzene	000098-82-8	100	830.1 ± 4.2 µg/mL
naphthalene	000091-20-3	100	1904 ± 10 µg/mL

Matrix: gasoline

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED

ISO 17025:2005
Accredited
A2LA
Cert. No. 0851-01

ISO 9001:2008
Registered
TUV USA, Inc.
Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
www.ultrasci.com

William J. Leary
Quality Assurance Manager

3/15/11
TS

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 30006 **Lot No.:** A076449

Description : VOA Calibration Mix #1

Expiration Date[1]**:** November 2013 **Storage:** Freezer

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Acetone	67-64-1	99%	5,000.000 ug/ml	+/-0.58 %
2	2-Butanone (MEK)	78-93-3	99%	5,000.000 ug/ml	+/-0.58 %
3	4-Methyl-2-pentanone (MIBK)	108-10-1	99%	5,000.000 ug/ml	+/-0.58 %
4	2-Hexanone	591-78-6	99%	5,000.000 ug/ml	+/-0.58 %
Solvent:	P&T Methanol/Water (90:10)	67-56-1/7732-18-5	99%		

Column:
105m x .53mm x 3.0um
Rtx-502.2 (cat.#10910)

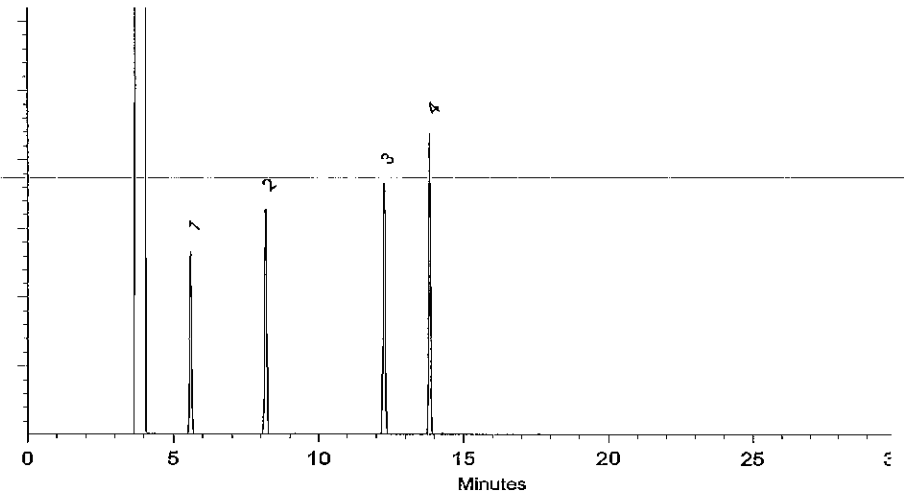
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID



Sara Eyster QA Analyst **Date Passed:** 25-Aug-2010 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Certificate of Analysis

8/23/12 TS

DESCRIPTION: Volatile Organic Compounds Mix 6

CATALOG NO.: 48799-U MFG DATE: Mar-2012

LOT NO.: LB91213 EXPIRATION DATE: Jun-2013

SOLVENT: METHANOL

ANALYTE (1)	CAS NUMBER	PERCENT PURITY(2)	WEIGHT(3) CONCENTRATION	ANALYTICAL(4) CONCENTRATION		STD DEV	SUPELCO LOT NO
BROMOMETHANE	74-83-9	99.9 (a)	2000	2041	+/-	35.1	LB68220
CHLOROETHANE	75-00-3	99.9 (a)	2000	2079	+/-	46.9	LB55667
CHLOROMETHANE	74-87-3	99.9	2000	2116	+/-	61.9	LB64986
DICHLORODIFLUOROMETHANE	75-71-8	99.9 (a)	2000	2044	+/-	88.1	LB68837
TRICHLOROFLUOROMETHANE	75-69-4	99.9 (a)	2000	2088	+/-	44.9	LA91320
VINYL CHLORIDE	75-01-4	99.9 (a)	2000	2141	+/-	45.7	LB89571

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) GC; detector HALL

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

(4) Determined by chromatographic analysis against an independently prepared reference lot. Mean of replicate injections.

Elwood Doughty
Quality Control Supervisor

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SUPELCO Analytical
595 North Harrison Road
Bellefonte, PA 16823-0048 USA
Phone (814) 359-3441

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11/23/11
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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 556005 **Lot No.:** A085142

Description : Custom Volatiles Mix 2

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] May 2013 **Storage:** 0°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	97%	2,500.2 ug/mL	+/- 14.6724 ug/mL
2	1,1-dichloroethene	75-35-4	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
3	Methyl acetate	79-20-9	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
4	Carbon disulfide	75-15-0	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
5	Methylene chloride (dichloromethane)	75-09-2	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
6	Methyl-tert-butyl ether (MTBE)	1634-04-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
7	cis-1,2-Dichloroethene	156-59-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
8	n-Hexane (C6)	110-54-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
9	1,1-Dichloroethane	75-34-3	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
10	trans-1,2-Dichloroethene	156-60-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
11	chloroform	67-66-3	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
12	1,1,1-trichloroethane	71-55-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
13	Cyclohexane	110-82-7	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
14	carbon tetrachloride	56-23-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
15	1,2-Dichloroethane	107-06-2	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
16	Benzene	71-43-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
17	Trichloroethene	79-01-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
18	Methylcyclohexane	108-87-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
19	1,2-Dichloropropane	78-87-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
20	bromodichloromethane	75-27-4	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
21	cis-1,3-Dichloropropene	10061-01-5	97%	2,500.0 ug/mL	+/- 17.8401 ug/mL
22	Toluene	108-88-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
23	trans-1,3-Dichloropropene	10061-02-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
24	1,1,2-Trichloroethane	79-00-5	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
25	Tetrachloroethene	127-18-4	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
26	dibromochloromethane	124-48-1	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
27	1,2-Dibromoethane (EDB)	106-93-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
28	Chlorobenzene	108-90-7	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
29	Ethylbenzene	100-41-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
30	m-Xylene	108-38-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
31	p-Xylene	106-42-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
32	o-Xylene	95-47-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
33	Styrene	100-42-5	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL

11/22/11 TS

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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 563136 **Lot No.:** A085140

Description : Custom Revised Supplemental Spike Mix

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] November 2016 **Storage:** 0°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Diethyl ether (ethyl ether)	60-29-7	98%	2,500.2 ug/mL	+/- 14.6724 ug/mL
2	tert-Butanol (TBA)	75-65-0	99%	50,001.6 ug/mL	+/- 292.755 ug/mL
3	Iodomethane (methyl iodide)	74-88-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
4	Diisopropyl ether (DIPE)	108-20-3	99%	2,500.4 ug/mL	+/- 14.6737 ug/mL
5	2,2-Dichloropropane	594-20-7	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
6	Isobutanol (2-Methyl-1-propanol)	78-83-1	99%	125,004.4 ug/mL	+/- 731.89 ug/mL
7	Bromochloromethane	74-97-5	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
8	Tetrahydrofuran	109-99-9	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
9	1,1-Dichloropropene	563-58-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
10	Dibromomethane	74-95-3	98%	2,500.2 ug/mL	+/- 14.6724 ug/mL
11	1,3-Dichloropropane	142-28-9	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
12	1,1,1,2-Tetrachloroethane	630-20-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
13	1,2,3-Trichloropropane	96-18-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
14	trans-1,4-dichloro-2-butene	110-57-6	98%	5,008.2 ug/mL	+/- 29.3241 ug/mL
15	n-Propylbenzene	103-65-1	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
16	Bromobenzene	108-86-1	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
17	1,3,5-Trimethylbenzene	108-67-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
18	2-Chlorotoluene	95-49-8	99%	2,501.2 ug/mL	+/- 14.6784 ug/mL
19	4-Chlorotoluene	106-43-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
20	tert-Butylbenzene	98-06-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
21	1,2,4-Trimethylbenzene	95-63-6	99%	2,500.4 ug/mL	+/- 14.6737 ug/mL
22	sec-Butylbenzene	135-98-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
23	4-Isopropyltoluene (p-Cymene)	99-87-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
24	1,2,3-Trimethylbenzene	526-73-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
25	n-Butylbenzene	104-51-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
26	Hexachlorobutadiene	87-68-3	98%	2,500.2 ug/mL	+/- 14.6724 ug/mL
27	Naphthalene	91-20-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
28	1,2,3-Trichlorobenzene	87-61-6	99%	2,500.4 ng/mL	+/- 14.6737 ug/mL

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6/2/12
TS

DESCRIPTION: 8260 Ketones Mix

CATALOG NO.: 861149 MFG DATE: Jun-2011

LOT NO.: LB85301 EXPIRATION DATE: Nov-2013

SOLVENT: METHANOL:WATER (30:70)

ANALYTE (1)	CAS NUMBER	PERCENT PURITY(2)	WEIGHT(3) CONCENTRATION	ANALYTICAL(4) CONCENTRATION	STD DEV	SUPELCO LOT NO
ACETONE	67-64-1	99.9	2000	1891	+/- 75.1	LB60265
CYCLOHEXANONE	108-94-1	99.5	20002	18806	+/- 673.6	LB67851
2-BUTANONE	78-93-3	99.9	2001	1888	+/- 78.2	LB38154
2-HEXANONE	591-78-6	99.9	2001	1877	+/- 70.9	LB57500
4-METHYL-2-PENTANONE	108-10-1	99.9	2001	1910	+/- 71.4	LB80301

VM 861149_ 00015

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

(4) Determined by chromatographic analysis against an independently prepared reference lot. Mean of replicate injections.

Elwood Doughty
Quality Control Supervisor

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9/20/12 TS

Custom Standard

Product Number: CUS-5013 **Page:** 1 of 1

Lot Number: CJ-3443 **Lot Issue Date:** 13-Sep-2012 **Expiration Date:** 31-Jan-2013

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
vinyl acetate	000108-05-4	RM04478	2507 ± 13 µg/mL
methyl acetate	000079-20-9	NT02091	2505 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Quality Assurance Manager

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Custom Standard

Product Number: CUS-7814 **Page:** 1 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
1,1,2-trichlorotrifluoroethane	000076-13-1	1367777	50.2 ± 0.3 µg/mL
methyl iodide	000074-88-4	13302PC	50.2 ± 0.3 µg/mL
carbon disulfide	000075-15-0	AI-12071LU	50.2 ± 0.3 µg/mL
methylene chloride	000075-09-2	48248	50.2 ± 0.3 µg/mL
tert-butanol	000075-65-0	RM00555-0	1005 ± 5 µg/mL
1,1-dichloroethene	000075-35-4	02226CH	50.2 ± 0.3 µg/mL
1,1-dichloroethane	000075-34-3	64552/1	50.2 ± 0.3 µg/mL
trans-1,2-dichloroethene	000156-60-5	01306HD	50.2 ± 0.3 µg/mL
MTBE	001634-04-4	45123	50.2 ± 0.3 µg/mL
n-hexane	000110-54-3	4120791	50.2 ± 0.3 µg/mL
cis-1,2-dichloroethene	000156-59-2	MKBB9714	50.2 ± 0.3 µg/mL
tetrahydrofuran	000109-99-9	04928DN	50.2 ± 0.3 µg/mL
chloroform	000067-66-3	05143MN	50.2 ± 0.3 µg/mL
1,2-dichloroethane	000107-06-2	KN-09446KN	50.2 ± 0.3 µg/mL
dibromomethane	000074-95-3	EM-01514TJ	50.2 ± 0.3 µg/mL
1,4-dioxane	000123-91-1	RM02104-01	2501 ± 13 µg/mL
1,1,1-trichloroethane	000071-55-6	LU-13149TR	50.2 ± 0.3 µg/mL
carbon tetrachloride	000056-23-5	01704MF	50.2 ± 0.3 µg/mL
bromodichloromethane	000075-27-4	10529HD	50.2 ± 0.3 µg/mL

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Quality Assurance Manager

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Product Number: CUS-7814 **Page:** 2 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

1,2-dichloropropane	000078-87-5	DC-120777	50.2 ± 0.3 µg/mL
cis-1,3-dichloropropene	010061-01-5	PR-110509-01	50.2 ± 0.3 µg/mL
trichloroethene	000079-01-6	KN-08846KN	50.2 ± 0.3 µg/mL
dibromochloromethane	000124-48-1	MU-07705AN	50.2 ± 0.3 µg/mL
1,2-dibromoethane	000106-93-4	TB-101777	50.2 ± 0.3 µg/mL
1,2,3-trichloropropane	000096-18-4	01610KH	50.2 ± 0.3 µg/mL
1,1,2-trichloroethane	000079-00-5	JB-0701HH	50.2 ± 0.3 µg/mL
benzene	000071-43-2	34097	50.2 ± 0.3 µg/mL
ethyl methacrylate	000097-63-2	04004EH	50.2 ± 0.3 µg/mL
trans-1,3-dichloropropene	010061-02-6	SR101007-01	50.2 ± 0.3 µg/mL
bromoform	000075-25-2	12312KC	50.2 ± 0.3 µg/mL
tetrachloroethene	000127-18-4	PS-00344BR	50.2 ± 0.3 µg/mL
toluene	000108-88-3	47144	50.2 ± 0.3 µg/mL
1,1,2,2-tetrachloroethane	000079-34-5	10917TB	50.2 ± 0.3 µg/mL
chlorobenzene	000108-90-7	07774MG	50.2 ± 0.3 µg/mL
ethylbenzene	000100-41-4	01558CC	50.2 ± 0.3 µg/mL
styrene	000100-42-5	LR-11228MQ	50.2 ± 0.3 µg/mL
trans-1,4-dichloro-2-butene	000110-57-6	17013BH	50.2 ± 0.3 µg/mL
m-xylene	000108-38-3	DI-00459CI	50.2 ± 0.3 µg/mL

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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William J. Leary
Quality Assurance Manager

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Product Number: CUS-7814 **Page:** 3 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

p-xylene	000106-42-3	03747LN	50.2 ± 0.3 µg/mL
o-xylene	000095-47-6	DO-06834CO	50.2 ± 0.3 µg/mL
1,3-dichlorobenzene	000541-73-1	JN-05902LZ	50.2 ± 0.3 µg/mL
1,4-dichlorobenzene	000106-46-7	22628EB	50.2 ± 0.3 µg/mL
1,2-dichlorobenzene	000095-50-1	08946KY	50.2 ± 0.3 µg/mL
bromochloromethane	000074-97-5	JS-16015HS	50.2 ± 0.3 µg/mL
bromobenzene	000108-86-1	CG-02513MF	50.2 ± 0.3 µg/mL
isopropylbenzene	000098-82-8	02827BH	50.2 ± 0.3 µg/mL
n-propylbenzene	000103-65-1	LO-14503MR	50.2 ± 0.3 µg/mL
n-butylbenzene	000104-51-8	AA-28519CO	50.2 ± 0.3 µg/mL
sec-butylbenzene	000135-98-8	07610JE	50.2 ± 0.3 µg/mL
tert-butylbenzene	000098-06-6	MQ-04010MQ	50.2 ± 0.3 µg/mL
1,2,4-trimethylbenzene	000095-63-6	BO-13528BI	50.2 ± 0.3 µg/mL
1,3,5-trimethylbenzene	000108-67-8	KM-02011HM	50.2 ± 0.3 µg/mL
1,2,3-trichlorobenzene	000087-61-6	12912PF	50.2 ± 0.3 µg/mL
1,2,4-trichlorobenzene	000120-82-1	00334TQ	50.2 ± 0.3 µg/mL
1,1-dichloropropene	000563-58-6	PR-11130-8	50.2 ± 0.3 µg/mL
1,3-dichloropropane	000142-28-9	PR-17916MR	50.2 ± 0.3 µg/mL
2,2-dichloropropane	000594-20-7	03503TD	50.2 ± 0.3 µg/mL

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Product Number: CUS-7814 **Page:** 4 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

2-chlorotoluene	000095-49-8	KZ-03621HX	50.2 ± 0.3 µg/mL
4-chlorotoluene	000106-43-4	03327TH	50.2 ± 0.3 µg/mL
4-isopropyltoluene	000099-87-6	PP-05104CP	50.2 ± 0.3 µg/mL
1,2-dibromo-3-chloropropane	000096-12-8	FBL-01	50.2 ± 0.3 µg/mL
hexachlorobutadiene	000087-68-3	339923/1	50.1 ± 0.3 µg/mL
1,1,1,2-tetrachloroethane	000630-20-6	10312DD	50.2 ± 0.3 µg/mL
naphthalene	000091-20-3	14205KB	50.2 ± 0.3 µg/mL
methyl acetate	000079-20-9	16318HA	50.2 ± 0.3 µg/mL
methylcyclohexane	000108-87-2	02348HD	50.2 ± 0.3 µg/mL
cyclohexane	000110-82-7	46184	50.2 ± 0.3 µg/mL
1,3,5-trichlorobenzene	000108-70-3	HW-00718EV	50.2 ± 0.3 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Quality Assurance Manager

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VM-CUS 8125-00006

Custom Standard

Product Number: CUS-8125 **Page:** 1 of 1

Lot Number: CG-3334 **Lot Issue Date:** Sep-2010 **Expiration Date:** Oct-2012

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
4-bromofluorobenzene	000460-00-4	01127CO	25046 ± 125 µg/mL
dibromofluoromethane	001868-53-7	RM01021	25120 ± 126 µg/mL
1,2-dichloroethane-d4	017060-07-0	9H-136	25058 ± 125 µg/mL
toluene-d8	002037-26-5	E90P1	25096 ± 125 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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RECD 8-31-12

Custom Standard

Product Number: CUS-8126 **Page:** 1 of 1

Lot Number: CJ-3237 **Lot Issue Date:** 23-Aug-2012 **Expiration Date:** 30-Sep-2014

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
chlorobenzene-d5	003114-55-4	RM05018	25079 ± 125 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM05021	25046 ± 125 µg/mL
fluorobenzene	000462-06-6	RM03366	25081 ± 125 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Product Number: CUS-8634 **Page:** 1 of 1

Lot Number: CJ-3453 **Lot Issue Date:** 13-Sep-2012 **Expiration Date:** 31-Jan-2013

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
acrylonitrile	000107-13-1	RM05172	5015 ± 25 µg/mL
acetonitrile	000075-05-8	RM01645	25035 ± 125 µg/mL
acrolein	000107-02-8	RM01532	25058 ± 125 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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REC'D 5-15-12

VOC Gas Mixture

Product Number: DWM-544 **Page:** 1 of 1

Lot Number: CJ-0858 **Lot Issue Date:** 15-Mar-2012 **Expiration Date:** 30-Apr-2015

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
bromomethane	000074-83-9	06623AQ	2008 ± 10 µg/mL
chloroethane	000075-00-3	00223KG	2009 ± 10 µg/mL
chloromethane	000074-87-3	07-44048	2008 ± 10 µg/mL
dichlorodifluoromethane	000075-71-8	Q96-67	2008 ± 10 µg/mL
trichlorofluoromethane	000075-69-4	DR-16417BR	2006 ± 10 µg/mL
vinyl chloride	000075-01-4	1201FC10	2008 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VM DWM544_00011

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Quality Assurance Manager

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Certificate of Analysis

TS 6/9/11

2-Chloroethylvinyl Ether Solution

Product Number: EPA-1016 **Page:** 1 of 1

Lot Number: CG-0850 **Lot Issue Date:** Mar-2010 **Expiration Date:** Apr-2013

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
2-chloroethylvinyl ether	000110-75-8	04606CJ	5015 ± 25 µg/mL

Matrix: methanol (methyl alcohol)

VMGPA1016_ 00003

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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William J. Leahy
Quality Assurance Manager

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RCC'D
5-15-12

Internal Standard Mixture

Product Number: STM-520 **Page:** 1 of 1

Lot Number: CH-3660 **Lot Issue Date:** 15-Nov-2011 **Expiration Date:** 31-Dec-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
chlorobenzene-d5	003114-55-4	RM01430-01	2503 ± 13 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM01700-06	2500 ± 13 µg/mL
fluorobenzene	000462-06-6	RM03366-01	2513 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VMSTM520_00016

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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10/10/12
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Method 8260 Surrogate Standard Mixture

Product Number: STM-530 **Page:** 1 of 1

Lot Number: CJ-1280 **Lot Issue Date:** 17-Apr-2012 **Expiration Date:** 31-May-2015

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
4-bromofluorobenzene	000460-00-4	RM03908-	2512 ± 13 µg/mL
dibromofluoromethane	001868-53-7	RM04871-01	2512 ± 13 µg/mL
1,2-dichloroethane-d4	017060-07-0	RM04304-	2512 ± 13 µg/mL
toluene-d8	002037-26-5	RM04138-	2512 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

#350253 3/9/12 RJR

INORGANIC VENTURES™

300 Technology Drive
Christiansburg, VA 24073 • USA
inorganicventures.com

tel: 800.669.6799 • 540.585.3030
fax: 540.585.3012
info@inorganicventures.com

CERTIFICATE OF ANALYSIS

1.0 **INORGANIC VENTURES** is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."

ACCREDITED Testing Laboratory Certificate 883.01

ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** Custom Solution

Catalog No.: TAPITT-CAL-SPECA-REV

Lot Number: **F2-MEB415031**

Matrix: 3% HNO3(v/v)

2,500 µg/mL ea:
Ca, K, Mg, Na,

1,250 µg/mL ea:
Fe,

25 µg/mL ea:
Al, Mn,

5 µg/mL ea:
Ag, As, Ba, Be, Cd, Co, Cr3, Cu, Ni,
Pb, Se, Sr, Tl, V, Zn

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	25.00 ± 0.18 µg/mL	Arsenic, As	5.000 ± 0.032 µg/mL	Barium, Ba	4.999 ± 0.036 µg/mL
Beryllium, Be	5.002 ± 0.036 µg/mL	Cadmium, Cd	5.000 ± 0.032 µg/mL	Calcium, Ca	2,500 ± 16 µg/mL
Chromium+3, Cr3	5.001 ± 0.032 µg/mL	Cobalt, Co	5.003 ± 0.032 µg/mL	Copper, Cu	5.001 ± 0.032 µg/mL
Iron, Fe	1,250 ± 8 µg/mL	Lead, Pb	5.002 ± 0.032 µg/mL	Magnesium, Mg	2,500 ± 16 µg/mL
Manganese, Mn	25.02 ± 0.15 µg/mL	Nickel, Ni	4.999 ± 0.028 µg/mL	Potassium, K	2,500 ± 16 µg/mL
Selenium, Se	5.002 ± 0.028 µg/mL	Silver, Ag	4.999 ± 0.032 µg/mL	Sodium, Na	2,500 ± 16 µg/mL
Strontium, Sr	5.001 ± 0.032 µg/mL	Thallium, Tl	5.002 ± 0.032 µg/mL	Vanadium, V	4.999 ± 0.032 µg/mL
Zinc, Zn	5.001 ± 0.028 µg/mL				

Certified Density: 1.051 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Certified Value $(\bar{x}) = \frac{\Sigma x_i}{n}$ ($\bar{x}$) = mean

x_i = individual results

n = number of measurements

Uncertainty $(\pm) = 2 [\Sigma(s_i)^2]^{1/2}$ 2 = the coverage factor.

$[\Sigma(s_i)^2]^{1/2}$ = The square root of the sum of the squares of the most common errors (where 's' stands for the standard deviation) from instrumental measurement, density, NIST SRM uncertainty, weighing, dilution to volume, homogeneity, long term stability and short term stability.

4.0 TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

- "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)
- This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	992212
Al	ICP Assay	3101a	060502
As	Calculated		See Sec. 4.2
Ba	Gravimetric		See Sec. 4.2
Be	Calculated		See Sec. 4.2
Ca	ICP Assay	3109a	050825
Cd	ICP Assay	3108	060531
Co	ICP Assay	3113	00630
Cr3	Calculated		See Sec. 4.2
Cu	ICP Assay	3114	011017
Fe	ICP Assay	3126a	051031
K	Gravimetric		See Sec. 4.2
Mg	ICP Assay	3131a	050302
Mn	ICP Assay	3132	050429
Na	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	000612
Pb	ICP Assay	3128	030721
Se	Calculated		See Sec. 4.2
Sr	ICP Assay	3153a	990906
Tl	Calculated		See Sec. 4.2
V	ICP Assay	3165	992706
Zn	ICP Assay	3168a	080123

ELEMENT	METHOD	NIST SRM#	SRM LOT#
Ag	Volhard	999b	999b
Al	EDTA	928	928
As	ICP Assay	3103a	010713
Ba	ICP Assay	3104a	070222
Be	ICP Assay	3105a	892707
Ca	EDTA	928	928
Cd	EDTA	928	928
Co	EDTA	928	928
Cr3	ICP Assay	3112a	030730
Cu	EDTA	928	928
Fe	EDTA	928	928
K	ICP Assay	3141a	051220
Mg	EDTA	928	928
Mn	EDTA	928	928
Na	ICP Assay	3152a	010728
Ni	EDTA	928	928
Pb	EDTA	928	928
Se	ICP Assay	3149	992106
Sr	EDTA	928	928
Tl	ICP Assay	3158	993012
V	EDTA	928	928
Zn	EDTA	928	928

4.2 **BALANCE CALIBRATION** - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 **THERMOMETER CALIBRATION** - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 **GLASSWARE CALIBRATION** - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep **Tightly** sealed when not in use. Store and use at 20 ± 4°C. **Do Not** pipette from the container. **Do Not** return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

Low Silver Note: This solution contains "LOW" levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous.

Inorganic Ventures homogeneity data indicate that the end user should take a minimum sample size of 0.2mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 **ISO 9001 Quality Management System Registration**
- QMI File Number 010105

10.2 **ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"**
- Chemical Testing - Accredited A2LA Certificate Number 883.01

10.3 **ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"**
- Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 **10CFR50 Appendix B - Nuclear Regulatory Commission**
- Domestic Licensing of Production and Utilization Facilities

10.5 **10CFR21 - Nuclear Regulatory Commission**
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: March 06, 2012

Expiration Date: EXPIRES 01 APR 2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Donna Senn, Product Documentation Technician

Donna Senn

Certificate Approved By: Brian Alexander, PhD., Quality Control Supervisor

Brian Alexander

Certifying Officer: Paul Gaines, PhD., Senior Technical Director

Paul R Gaines

#350254 3/9/2012 R1R

INORGANIC VENTURES™
300 Technology Drive
Christiansburg, VA 24073 • USA
inorganicventures.com
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CERTIFICATE OF ANALYSIS

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** Custom Solution

Catalog No.: TAPITT-CAL-SPECB

Lot Number: **F2-MEB415032**

Matrix: tr. HF_1 3% HNO3(v/v)

250 µg/mL ea:
Si,

5 µg/mL ea:
B, Mo, Sb, Sn, Ti

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Antimony, Sb	5.002 ± 0.045 µg/mL	Boron, B	5.000 ± 0.032 µg/mL	Molybdenum, Mo	5.002 ± 0.035 µg/mL
Silicon, Si	250.1 ± 1.2 µg/mL	Tin, Sn	5.002 ± 0.041 µg/mL	Titanium, Ti	5.002 ± 0.039 µg/mL

Certified Density: 1.016 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Certified Value $(\bar{x}) = \frac{\sum x_i}{n}$ ($\bar{x}$) = mean

x_i = individual results

n = number of measurements

Uncertainty $(\pm) = 2\,[\,\Sigma(s_i)^2\,]^{1/2}$ 2 = the coverage factor.

$[\,\Sigma(s_i)^2\,]^{1/2}$ = The square root of the sum of the squares of the most common errors (where 's' stands for the standard deviation) from instrumental measurement, density, NIST SRM uncertainty, weighing, dilution to volume, homogeneity, long term stability and short term stability.

4.0 TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
B	Calculated		See Sec. 4.2	B	ICP Assay	3107	070514
Mo	Calculated		See Sec. 4.2	Mo	ICP Assay	3134	891307
Sb	Calculated		See Sec. 4.2	Sb	ICP Assay	3102A	061229
Si	Calculated		See Sec. 4.2	Si	ICP Assay	3150	071204
Sn	Calculated		See Sec. 4.2	Sn	ICP Assay	3161a	070330
Ti	Calculated		See Sec. 4.2	Ti	ICP Assay	3162a	060808

4.2 **BALANCE CALIBRATION** - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 **THERMOMETER CALIBRATION** - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 **GLASSWARE CALIBRATION** - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep **Tightly** sealed when not in use. Store and use at 20 ± 4°C. **Do Not** pipette from the container. **Do Not** return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous.
Inorganic Ventures homogeneity data indicate that the end user should take a minimum sample size of 0.2mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration
- QMI File Number 010105

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"
- Chemical Testing - Accredited A2LA Certificate Number 883.01

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- Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 10CFR50 Appendix B - Nuclear Regulatory Commission
- Domestic Licensing of Production and Utilization Facilities

10.5 10CFR21 - Nuclear Regulatory Commission
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: March 06, 2012

Expiration Date: EXPIRES 01 APR 2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Donna Senn, Product Documentation Technician

Donna Senn

Certificate Approved By: Brian Alexander, PhD., Quality Control Supervisor

Brian Alexander

Certifying Officer: Paul Gaines, PhD., Senior Technical Director

Paul R Gaines

#350255 3/9/12 RJR

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300 Technology Drive
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inorganicventures.com

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ACCREDITED Testing Laboratory Certificate 883.01

ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** Custom Solution

Catalog No.: TAPITT-MSICSAB-1

Lot Number: **F2-MEB415033**

Matrix: 3% HNO3(v/v)

10 µg/mL ea:
Ba, Be, Pb, Sr, Tl, V

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Barium, Ba	10.00 ± 0.07 µg/mL	Beryllium, Be	10.00 ± 0.07 µg/mL	Lead, Pb	10.00 ± 0.06 µg/mL
Strontium, Sr	10.00 ± 0.06 µg/mL	Thallium, Tl	10.00 ± 0.06 µg/mL	Vanadium, V	10.00 ± 0.06 µg/mL

Certified Density: 1.014 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\Sigma x_i}{n}$$

$$\text{Uncertainty } (\pm) = 2\,[\,\Sigma(s_i)^2\,]^{1/2}$$

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
2 = the coverage factor.
$[\,\Sigma(s_i)^2\,]^{1/2}$ = The square root of the sum of the squares of the most common errors (where 's' stands for the standard deviation) from instrumental measurement, density, NIST SRM uncertainty, weighing, dilution to volume, homogeneity, long term stability and short term stability.

4.0 TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
Ba	Gravimetric		See Sec. 4.2	Ba	ICP Assay	3104a	070222
Be	Calculated		See Sec. 4.2	Be	ICP Assay	3105a	892707
Pb	ICP Assay	3128	030721	Pb	EDTA	928	928
Sr	ICP Assay	3153a	990906	Sr	EDTA	928	928
Tl	Calculated		See Sec. 4.2	Tl	ICP Assay	3158	993012
V	ICP Assay	3165	992706	V	EDTA	928	928

4.2 **BALANCE CALIBRATION** - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 **THERMOMETER CALIBRATION** - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 **GLASSWARE CALIBRATION** - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep **Tightly** sealed when not in use. Store and use at 20 ± 4°C. **Do Not** pipette from the container. **Do Not** return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous.

Inorganic Ventures homogeneity data indicate that the end user should take a minimum sample size of 0.2mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 **ISO 9001 Quality Management System Registration**
- QMI File Number 010105

10.2 **ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"**
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10.3 **ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"**
- Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 **10CFR50 Appendix B - Nuclear Regulatory Commission**
- Domestic Licensing of Production and Utilization Facilities

10.5 **10CFR21 - Nuclear Regulatory Commission**
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: March 06, 2012

Expiration Date: EXPIRES 01 APR 2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Donna Senn, Product Documentation Technician

Certificate Approved By: Brian Alexander, PhD., Quality Control Supervisor

Certifying Officer: Paul Gaines, PhD., Senior Technical Director

#350256 3/9/12 RJR

INORGANIC VENTURES™
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CERTIFICATE OF ANALYSIS

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** Custom Solution

Catalog No.: TAPITT-MSICSAB-2

Lot Number: **E2-MEB361116**

Matrix: tr. HF, 3% HNO3(v/v)

250 µg/mL ea:
Si,

50 µg/mL ea:
Sn,

25 µg/mL ea:
B, Se,

10 µg/mL ea:
Sb

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Antimony, Sb	10.01 ± 0.05 µg/mL	Boron, B	24.98 ± 0.18 µg/mL	Selenium, Se	25.03 ± 0.33 µg/mL
Silicon, Si	249.8 ± 0.6 µg/mL	Tin, Sn	49.97 ± 0.34 µg/mL		

Certified Density: 1.018 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$$

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
Σs_i = The summation of all significant estimated errors (Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

- "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)
- This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#
B	ICP Assay	3107	070514
Sb	ICP Assay	3102A	061229
Se	ICP Assay	3149	992106
Si	ICP Assay	3150	071204
Sn	ICP Assay	3161a	070330

ELEMENT	METHOD	NIST SRM#	SRM LOT#
Sb	Calculated		See Sec. 4.2
Se	Calculated		See Sec. 4.2
Si	Calculated		See Sec. 4.2
Sn	Calculated		See Sec. 4.2

4.2 **BALANCE CALIBRATION** - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 **THERMOMETER CALIBRATION** - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 **GLASSWARE CALIBRATION** - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep Tightly sealed when not in use. Store and use at 20 ± 4°C. **Do Not** pipette from the container. **Do Not** return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to in-house procedure IV-MPM-004 and is guaranteed to be homogeneous.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 **ISO 9001 Quality Management System Registration**
- QMI File Number 010105

10.2 **ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"**
- Chemical Testing - Accredited A2LA Certificate Number 883.01

10.3 **ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"**
- Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 **10CFR50 Appendix B - Nuclear Regulatory Commission**
- Domestic Licensing of Production and Utilization Facilities

10.5 **10CFR21 - Nuclear Regulatory Commission**
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: January 26, 2011

Expiration Date: EXPIRES 01 APR 2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:	Donna Senn, Product Documentation Technician	Donna Senn
Certificate Approved By:	Madeline Gozzi, Quality Control Supervisor	Madeline Gozzi
Certifying Officer:	Paul Gaines, PhD., Senior Technical Director	Paul R Gaines

INORGANIC™ VENTURES
300 Technology Drive
Christiansburg, VA 24073 • USA
inorganicventures.com

CERTIFICATE OF ANALYSIS

tel: 800.669.6799 • 540.585.3030
fax: 540.585.3012
info@inorganicventures.com

CH 7/3/2012

1.0 **INORGANIC VENTURES** is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** Custom Solution

Catalog No.: TAPITT-MS-A

Lot Number: **E2-MEB404058MCA**

Matrix: 3% HNO3(v/v)

5,000 µg/mL ea:
Ca, K, Mg, Na

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Calcium, Ca	5,000 ± 32 µg/mL	Magnesium, Mg	5,000 ± 32 µg/mL	Potassium, K	5,000 ± 32 µg/mL
Sodium, Na	5,000 ± 32 µg/mL				

Certified Density: 1.073 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$$

($\bar{x}$) = mean
x_i = individual results
n = number of measurements
Σs_i = The summation of all significant estimated errors (Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 **TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS**

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)
· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
Ca	ICP Assay	3109a	050825	Ca	EDTA	928	928
K	Gravimetric		See Sec. 4.2	K	ICP Assay	3141a	051220
Mg	ICP Assay	3131a	050302	Mg	EDTA	928	928
Na	Gravimetric		See Sec. 4.2	Na	ICP Assay	3152a	010728

4.2 **BALANCE CALIBRATION** - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 **THERMOMETER CALIBRATION** - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 **GLASSWARE CALIBRATION** - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep **Tightly** sealed when not in use. Store and use at 20 ± 4°C. **Do Not** pipette from the container. **Do Not** return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 **ISO 9001 Quality Management System Registration**
- QMI File Number 010105

10.2 **ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"**
- Chemical Testing - Accredited A2LA Certificate Number 883.01

10.3 **ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"**
- Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 **10CFR50 Appendix B - Nuclear Regulatory Commission**
- Domestic Licensing of Production and Utilization Facilities

10.5 **10CFR21 - Nuclear Regulatory Commission**
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: January 13, 2012

Expiration Date: EXPIRES 01/2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Brenda Francis
Product Documentation Technician

Certificate Approved By: Brian Alexander
PhD., Quality Control Supervisor

Certifying Officer: Paul Gaines
PhD., Senior Technical Director

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product code	TAPITTMS-A
Product name	Multi-element Solution Standard in Dilute Nitric Acid
Common Name	Contains: 5000 µg/mL ea: Ca, K, Mg, Na
Manufacturer, importer, supplier	Inorganic Ventures 300 Technology Drive Christiansburg, VA 24073 web: www.inorganicventures.com
Emergency telephone number	800-424-9300 CHEMTREC (24 hrs)

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% Weight	ACGIH*	OSHA*
7732-18-5	Water	~93.3	N/A	N/A
7697-37-2	Nitric Acid	~3	2 ppm TWA	2 ppm TWA; 5 mg/m3 TWA
7757-79-1	Potassium nitrate	~1.3	N/A	N/A
497-19-8	Sodium Carbonate	~1.2	N/A	N/A
1305-78-8	Calcium Oxide	~0.7	2 mg/m3 TWA	5 mg/m3 TWA
7439-95-4	Magnesium	~0.5	N/A	N/A

* ACGIH - Occupational Exposure Limits - TWAs
* OSHA - Final PELs - Time Weighted Averages (TWAs)

3. HAZARDS IDENTIFICATION

Emergency Overview
- Vapours may be irritating to eyes, nose, throat, and lungs
- Corrosive

Eye contact	• Contact with eyes may cause irritation
Skin contact	• Substance may cause slight skin irritation
Inhalation	• May cause irritation of respiratory tract
Ingestion	• Harmful if swallowed

4. FIRST AID MEASURES

General advice	• Show this safety data sheet to the doctor in attendance
Skin contact	• Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes • Consult a physician if necessary
Eye contact	• Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes • Keep eye wide open while rinsing • If eye irritation persists, consult a specialist
Inhalation	• Move to fresh air in case of accidental inhalation of vapours • If breathing is difficult, give oxygen • Consult a physician if necessary
Ingestion	• Call a physician or Poison Control Centre immediately • If swallowed, seek medical advice immediately and show this container or label • If conscious, drink plenty of water

5. FIRE-FIGHTING MEASURES

Flash point	NA
Suitable extinguishing media	• Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Specific hazards	• Thermal decomposition can lead to release of irritating gases and vapours

Specific methods	• Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations
Special protective equipment for firefighters	• As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
NFPA (National Fire Protection Association)	• Health - 2 • Fire Hazard - 0 • Reactivity - 0
Under conditions giving incomplete combustion, hazardous gases produced may consist of:	• nitrogen oxides (NOx).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	• Evacuate personnel to safe areas • Keep people away from and upwind of spill/leak • Wear personal protective equipment • Ensure adequate ventilation
Environmental precautions	• Prevent further leakage or spillage if safe to do so • Prevent product from entering drains
Methods for cleaning up	• Dam up • Neutralize with lime milk or soda and flush with plenty of water • Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container • After cleaning, flush away traces with water

7. HANDLING AND STORAGE

Handling

Technical measures/Precautions	• Use only in area provided with appropriate exhaust ventilation
Safe handling advice	• Wear personal protective equipment

Storage

Technical measures/Precautions	• Keep in properly labelled containers • Store at room temperature in the original container • Keep containers tightly closed in a dry, cool and well-ventilated place
Incompatible products	• organic materials • reducing agents

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Personal protective equipment	
Hand protection	• impervious gloves
Eye protection	• tightly fitting safety goggles
Respiratory protection	• Ensure adequate ventilation
Skin and body protection	• Chemical resistant apron • Lab coat
Hygiene measures	• When using, do not eat, drink or smoke • Regular cleaning of equipment, work area and clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form	liquid.
Appearance	clear
Colour	colorless.
Odour	None.

Important Health Safety and Environmental Information

pH	0 to 2
Boiling point/range	100°C
Flash point	N/A

Vapour pressure	NA.
Water solubility	miscible.

10. STABILITY AND REACTIVITY

Stability	• Stable under normal conditions • Hazardous polymerization does not occur
Materials to avoid	• organic materials • reducing agents
Hazardous decomposition products	• nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information

CAS	Chemical Name	% Weight	LD50/oral/rat =	LD50/dermal/rat =
7732-18-5	Water	~93.3	N/A	N/A
7697-37-2	Nitric Acid	~3	Inhalation LC50 Rat: 130 mg/kg/4H	Inhalation LC50 Rat: 130 mg/kg/4H
7757-79-1	Potassium nitrate	~1.3	Oral LD50 Rat: 3750 mg/kg	Oral LD50 Rat: 3750 mg/kg
497-19-8	Sodium Carbonate	~1.2	Oral LD50 Rat: 4090 mg/kg	Oral LD50 Rat: 4090 mg/kg
1305-78-8	Calcium Oxide	~0.7	N/A	N/A
7439-95-4	Magnesium	~0.5	N/A	N/A

Product Information

Local effects	Na- . KNO3 - . Poison.
Skin irritation	May cause skin irritation and/or dermatitis.
Eye irritation	May cause eye irritation with susceptible persons.
Inhalation	May cause irritation of respiratory tract.
Ingestion	If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach.
Chronic toxicity	Avoid repeated exposure. KNO3 - . Chronic exposure may cause:. Methemoglobinemia, anemia, and nephritis.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Component Information

CAS	Chemical Name	% Weight	EFAD*	EFFSD*	EMD - Ecotoxicity*
7732-18-5	Water	~93.3	N/A	N/A	N/A
7697-37-2	Nitric Acid	~3	N/A	N/A	N/A
7757-79-1	Potassium nitrate	~1.3	N/A	N/A	N/A
497-19-8	Sodium Carbonate	~1.2	N/A	96 Hr LC50 bluegill: 320 mg/L (static)	N/A
1305-78-8	Calcium Oxide	~0.7	N/A	N/A	N/A
7439-95-4	Magnesium	~0.5	N/A	N/A	N/A

* EFAD - Ecotoxicity - Freshwater Algae Data
* EFFSD - Ecotoxicity - Freshwater Fish Species Data
* EMD - Ecotoxicity - Microtox Data

Product Information

Do not allow material to contaminate ground water or sewage system

Other information

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products	• In accordance with local and national regulations
Contaminated packaging	• Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT

UN-No	UN3264 / Class 8
Proper shipping name	Corrosive liquid, acidic, inorganic, n.o.s
Packing group	III

IATA-DGR

UN-No	UN3264 / Class 8
Proper shipping name	Corrosive liquid, acidic, inorganic, n.o.s
Packing group	III

15. REGULATORY INFORMATION

U.S. INVENTORIES:

CAS	Chemical Name	% Weight	CPCL*	NJRTK*	CERCLA/SARA*
7732-18-5	Water	~93.3	N/A	N/A	N/A
7697-37-2	Nitric Acid	~3	N/A	sn 1356	1000 lb final RQ; 454 kg final RQ
7757-79-1	Potassium nitrate	~1.3	N/A	sn 1574	N/A
497-19-8	Sodium Carbonate	~1.2	N/A	N/A	N/A
1305-78-8	Calcium Oxide	~0.7	N/A	sn 0325	N/A
7439-95-4	Magnesium	~0.5	N/A	sn 1136	N/A

* CPCL - California - Proposition 65 - Carcinogens List
* NJRTK - New Jersey - Department of Health RTK List
* CERCLA/SARA - Hazardous Substances and their Reportable Quantities

:

INTERNATIONAL INVENTORIES:

CAS	Chemical Name	% Weight	WHMIS*	EINECCS - European Union*
7732-18-5	Water	~93.3	Uncontrolled product according to WHMIS classification criteria	231-791-2
7697-37-2	Nitric Acid	~3	C, E (including 60%, 61.3%, 63%, 67%, 67.18%, 70%, 90%); E (10%)	231-714-2
7757-79-1	Potassium nitrate	~1.3	C	231-818-8
497-19-8	Sodium Carbonate	~1.2	N/A	207-838-8
1305-78-8	Calcium Oxide	~0.7	E	215-138-9
7439-95-4	Magnesium	~0.5	B4, B6	231-104-6

* WHMIS - Canada - WHMIS - Classifications of Substances
* EINECCS - European Union - European inventory of Existing Commercial Chemical Substances (EINECCS)

:

16. OTHER INFORMATION

The above information is believed to be accurate and represents the best information available to us. It has been compiled from the data presented in various technical publications and our experience and should only be used as a guide for handling this product. It is the user's responsibility to determine the suitability of this information for their particular purposes. We assume that only qualified individuals, trained and familiar with procedures suitable to this product will handle this material. Inorganic Ventures, Inc. assumes no responsibility and shall not be held liable for any damage resulting from misuse of this product.

INORGANIC VENTURES™
300 Technology Drive
Christiansburg, VA 24073 • USA
inorganicventures.com

CERTIFICATE OF ANALYSIS

tel: 800.669.6799 • 540.585.3030
fax: 540.585.3012
info@inorganicventures.com

CH 7/3/2012

1.0 **INORGANIC VENTURES** is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."

ACCREDITED Testing Laboratory Certificate 883.01

ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** Custom Solution

Catalog No.: TAPITT-MS-C

Lot Number: **F2-MEB427091**

Matrix: tr. HF, 3% HNO3(v/v)

1,000 µg/mL ea:
Si,

200 µg/mL ea:
Sn,

100 µg/mL ea:
Mo, Ti,

50 µg/mL ea:
Sb

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Antimony, Sb	50.03 ± 0.38 µg/mL	Molybdenum, Mo	100.0 ± 0.8 µg/mL	Silicon, Si	1,000 ± 5 µg/mL
Tin, Sn	200.0 ± 1.3 µg/mL	Titanium, Ti	100.0 ± 0.7 µg/mL		

Certified Density: 1.019 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Certified Value $(\bar{x}) = \frac{\sum x_i}{n}$

($\bar{x}$) = mean

x_i = individual results

n = number of measurements

Uncertainty (±) = $2\,[\,\Sigma(s_i)^2\,]^{1/2}$

2 = the coverage factor.

$[\,\Sigma(s_i)^2\,]^{1/2}$ = The square root of the sum of the squares of the most common errors (where 's' stands for the standard deviation) from instrumental measurement, density, NIST SRM uncertainty, weighing, dilution to volume, homogeneity, long term stability and short term stability.

4.0 TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
Mo	Calculated		See Sec. 4.2	Mo	ICP Assay	3134	891307
Sb	Calculated		See Sec. 4.2	Sb	ICP Assay	3102A	061229
Si	Calculated		See Sec. 4.2	Si	ICP Assay	3150	071204
Sn	Calculated		See Sec. 4.2	Sn	ICP Assay	3161a	070330
Ti	ICP Assay	3162a	060808				

4.2 BALANCE CALIBRATION - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 THERMOMETER CALIBRATION - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 GLASSWARE CALIBRATION - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep Tightly sealed when not in use. Store and use at 20 ± 4°C. Do Not pipette from the container. Do Not return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous.

Inorganic Ventures homogeneity data indicate that the end user should take a minimum sample size of 0.2mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 **ISO 9001 Quality Management System Registration**
- QMI File Number 010105

10.2 **ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"**
- Chemical Testing - Accredited A2LA Certificate Number 883.01

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10.4 **10CFR50 Appendix B - Nuclear Regulatory Commission**
- Domestic Licensing of Production and Utilization Facilities

10.5 **10CFR21 - Nuclear Regulatory Commission**
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

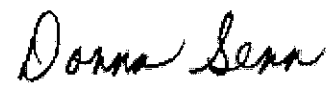
11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: June 21, 2012

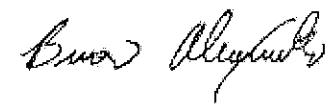
Expiration Date: EXPIRES 01 2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

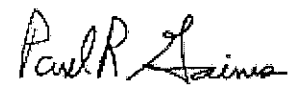
Certificate Prepared By: Donna Senn
Product Documentation Technician



Certificate Approved By: Brian Alexander
PhD., Quality Control Supervisor



Certifying Officer: Paul Gaines
PhD., Senior Technical Director



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product code TAPITTMS-C
Product name Multi-element Solution Standard in Dilute Nitric Acid trace Hydrofluoric Acid
Common Name Contains: 1000 µg/mL Si; 200 µg/mL Sn; 100 µg/mL ea: Mo, Ti; 50 µg/mL Sb
Manufacturer, importer, supplier Inorganic Ventures
300 Technology Drive
Christiansburg, VA 24073
Web: www.inorganicventures.com
Emergency telephone number 800-424-9300 CHEMTREC (24 hrs)

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% Weight	ACGIH*	OSHA*
7732-18-5	Water	~96.80	N/A	N/A
7697-37-2	Nitric Acid	~3	2 ppm TWA	2 ppm TWA; 5 mg/m3 TWA
7664-39-3	Hydrogen fluoride	<0.1	0.5 ppm TWA (as F)	3 ppm TWA
60676-86-0	Silica, fused	~0.2	0.1 mg/m3 TWA (respirable fraction)	N/A

* ACGIH - Occupational Exposure Limits - TWAs
* OSHA - Final PELs - Time Weighted Averages (TWAs)

3. HAZARDS IDENTIFICATION

Emergency Overview
- Vapours may be irritating to eyes, nose, throat, and lungs
- Corrosive

Eye contact	• Contact with eyes may cause irritation
Skin contact	• Causes severe burns
Inhalation	• May cause irritation of respiratory tract
Ingestion	• Harmful if swallowed

4. FIRST AID MEASURES

General advice	• Show this safety data sheet to the doctor in attendance
Skin contact	• Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes • First treatment with calcium gluconate paste • Immediate medical attention is required
Eye contact	• Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes • Keep eye wide open while rinsing • Immediate medical attention is required
Inhalation	• Move to fresh air in case of accidental inhalation of vapours • If breathing is difficult, give oxygen • Immediate medical attention is required
Ingestion	• Call a physician or Poison Control Centre immediately • If swallowed, seek medical advice immediately and show this container or label • If conscious, drink plenty of water
Notes to physician	• Treat symptomatically
Protection of first-aiders	• Use personal protective equipment

5. FIRE-FIGHTING MEASURES

Flash point	NA
Suitable extinguishing media	• Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Specific hazards	• Thermal decomposition can lead to release of irritating gases and vapours
Specific methods	• Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations
Special protective equipment for firefighters	• As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
NFPA (National Fire Protection Association)	• Health - 2 • Fire Hazard - 0 • Reactivity - 0
Under conditions giving incomplete combustion, hazardous gases produced may consist of:	• nitrogen oxides (NOx). • F^{-1}.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	• Evacuate personnel to safe areas • Keep people away from and upwind of spill/leak • Wear personal protective equipment • Ensure adequate ventilation
Environmental precautions	• Prevent further leakage or spillage if safe to do so • Prevent product from entering drains
Methods for cleaning up	• Dam up • Neutralize with lime milk or soda and flush with plenty of water • Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container • After cleaning, flush away traces with water

7. HANDLING AND STORAGE

Handling

Technical measures/Precautions	• Use only in area provided with appropriate exhaust ventilation
Safe handling advice	• Wear personal protective equipment • Use product only in closed system

Storage

Technical measures/Precautions	• Keep in properly labelled containers • Store at room temperature in the original container • Keep containers tightly closed in a dry, cool and well-ventilated place
Incompatible products	• organic materials • reducing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment	
Hand protection	• impervious gloves
Eye protection	• tightly fitting safety goggles
Respiratory protection	• Ensure adequate ventilation
Skin and body protection	• Chemical resistant apron • Lab coat
Hygiene measures	• When using, do not eat, drink or smoke • Regular cleaning of equipment, work area and clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form	liquid.
Appearance	clear
Colour	colorless.
Odour	None.

Important Health Safety and Environmental Information

pH	0 to 2
Boiling point/range	100°C
Flash point	NA
Vapour density	NA.
Water solubility	miscible.

10. STABILITY AND REACTIVITY

Stability	• Stable under normal conditions • Hazardous polymerization does not occur
Materials to avoid	• organic materials • reducing agents
Hazardous decomposition products	• nitrogen oxides (NOx) • F^{-1}

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information

CAS	Chemical Name	% Weight	LD50/oral/rat =	LD50/dermal/rat =
7732-18-5	Water	~96.80	N/A	N/A
7697-37-2	Nitric Acid	~3	Inhalation LC50 Rat: 130 mg/kg/4H	Inhalation LC50 Rat: 130 mg/kg/4H
7664-39-3	Hydrogen fluoride	<0.1	Inhalation LC50 Rat: 1276 ppm/1H	Inhalation LC50 Rat: 1276 ppm/1H
60676-86-0	Silica, fused	~0.2	N/A	N/A

Product Information

Local effects	HF is toxic and can cause severe burns that are not apparent immediately.
Skin irritation	Causes severe burns.
Eye irritation	Irritant.
Inhalation	Irritant.
Ingestion	If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach. Harmful if swallowed.
Chronic toxicity	Avoid repeated exposure. Prolonged exposure may cause chronic effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Component Information

CAS	Chemical Name	% Weight	EFAD*	EFFSD*	EMD - Ecotoxicity*
7732-18-5	Water	~96.80	N/A	N/A	N/A
7697-37-2	Nitric Acid	~3	N/A	N/A	N/A
7664-39-3	Hydrogen fluoride	<0.1	N/A	N/A	N/A
60676-86-0	Silica, fused	~0.2	N/A	N/A	N/A

* EFAD - Ecotoxicity - Freshwater Algae Data
* EFFSD - Ecotoxicity - Freshwater Fish Species Data
* EMD - Ecotoxicity - Microtox Data

Product Information

Do not allow material to contaminate ground water or sewage system

Other information

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products	• In accordance with local and national regulations
Contaminated packaging	• Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT

UN-No	UN3264 / Class 8
Proper shipping name	Corrosive liquid, acidic, inorganic, n.o.s
Packing group	III

IATA-DGR

UN-No	UN3264 / Class 8
Proper shipping name	Corrosive liquid, acidic, inorganic, n.o.s
Packing group	III

15. REGULATORY INFORMATION

U.S. INVENTORIES:

CAS	Chemical Name	% Weight	CPCL*	NJRTK*	CERCLA/SARA*
7732-18-5	Water	~96.80	N/A	N/A	N/A
7697-37-2	Nitric Acid	~3	N/A	sn 1356	1000 lb final RQ; 454 kg final RQ
7664-39-3	Hydrogen fluoride	<0.1	N/A	sn 1014	100 lb final RQ; 45.4 kg final RQ
60676-86-0	Silica, fused	~0.2	N/A	sn 1656	N/A

* CPCL - California - Proposition 65 - Carcinogens List
* NJRTK - New Jersey - Department of Health RTK List
* CERCLA/SARA - Hazardous Substances and their Reportable Quantities

INTERNATIONAL INVENTORIES:

CAS	Chemical Name	% Weight	WHMIS*	EINECCS - European Union*
7732-18-5	Water	~96.80	Uncontrolled product according to WHMIS classification criteria	231-791-2
7697-37-2	Nitric Acid	~3	C, E (including 60%, 61.3%, 63%, 67%, 67.18%, 70%, 90%); E (10%)	231-714-2
7664-39-3	Hydrogen fluoride	<0.1	D1A, E; D1B (including 12%, 24%, 48-50%, 52%, 70%)	231-634-8
60676-86-0	Silica, fused	~0.2	Uncontrolled product according to WHMIS classification criteria	262-373-8

* WHMIS - Canada - WHMIS - Classifications of Substances
* EINECCS - European Union - European inventory of Existing Commercial Chemical Substances (EINECCS)

16. OTHER INFORMATION

The above information is believed to be accurate and represents the best information available to us. It has been compiled from the data presented in various technical publications and our experience and should only be used as a guide for handling this product. It is the user's responsibility to determine the

suitability of this information for their particular purposes. We assume that only qualified individuals, trained and familiar with procedures suitable to this product will handle this material. Inorganic Ventures, Inc. assumes no responsibility and shall not be held liable for any damage resulting from misuse of this product.

Rcvd 8/28/12 PM

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Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31661 **Lot No.:** A085338

Description : 3,5-Dinitroaniline Standard

SV Stock Solution, 3,5-Dinitroaniline Std, 1000µg/ml, Acetonitrile, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] July 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	3,5-Dinitroaniline	618-87-1	99%	1,000.0 ug/mL	+/- 5.9397 ug/mL
Solvent:	Acetonitrile	75-05-8	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

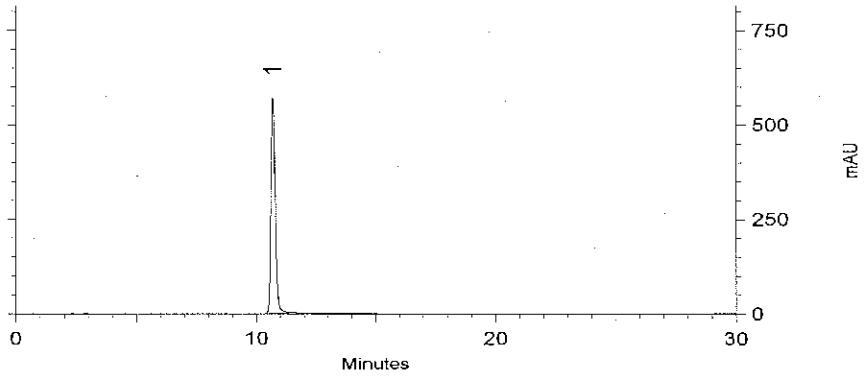
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Diane Shaffer - QA Analyst

Date Passed: 02-Dec-2011 **Balance:** 1128342313

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

RESTEK

Certificate of Analysis

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Fax: (814)353-1309

Recvd 3/11/11 Scanned 4/19/11

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 33905 **Lot No.:** A078069

Description : 8330 Calibration Standard

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] June 2014 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L.; K=2) [4]
1	HMX	2691-41-0	99%	1,000.0 ug/ml	+/-0.59 %
2	RDX	121-82-4	98%	999.6 ug/ml	+/-0.59 %
3	1,3,5-Trinitrobenzene	99-35-4	99%	1,000.0 ug/ml	+/-0.59 %
4	1,3-Dinitrobenzene	99-65-0	97%	1,000.1 ug/ml	+/-0.59 %
5	Nitrobenzene	98-95-3	99%	1,000.0 ug/ml	+/-0.59 %
6	Tetryl	479-45-8	99%	1,000.0 ug/ml	+/-0.59 %
7	2,4,6-Trinitrotoluene	118-96-7	98%	999.6 ug/ml	+/-0.59 %
8	2-Amino-4,6-dinitrotoluene	35572-78-2	99%	1,000.0 ug/ml	+/-0.59 %
9	4-Amino-2,6-dinitrotoluene	19406-51-0	98%	999.6 ug/ml	+/-0.59 %
10	2,4-Dinitrotoluene	121-14-2	99%	1,000.0 ug/ml	+/-0.59 %
11	2,6-Dinitrotoluene	606-20-2	99%	1,000.0 ug/ml	+/-0.59 %
12	2-Nitrotoluene	88-72-2	99%	1,000.0 ug/ml	+/-0.59 %
13	4-Nitrotoluene	99-99-0	99%	1,000.0 ug/ml	+/-0.59 %
14	3-Nitrotoluene	99-08-1	99%	1,000.0 ug/ml	+/-0.59 %
Solvent:	Acetonitrile	75-05-8	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

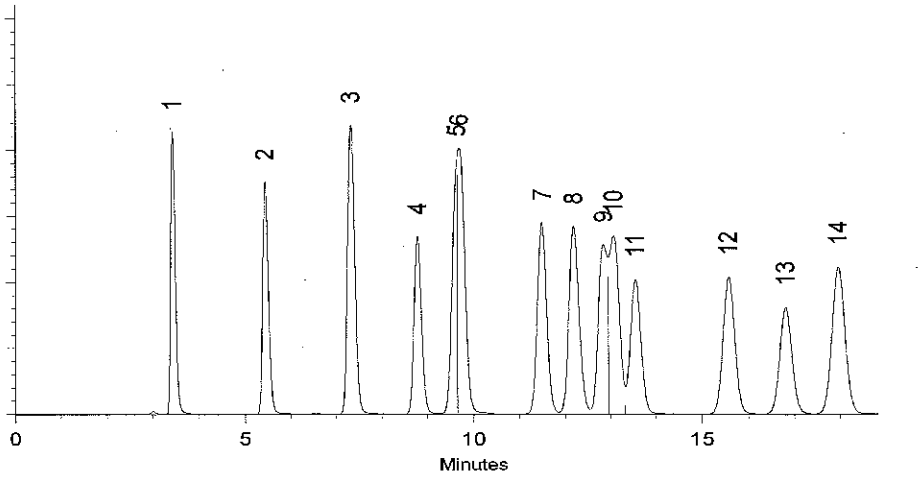
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31452 **Lot No.:** A082463

Description : 8330 Internal Standard Mix

SV Mix, 8000 Series Method, 8330 Internal Std, 3,4-dinitrotoluene, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] June 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L., K=2) [4]
1	3,4-Dinitrotoluene	610-39-9	99%	1,000.0 ug/mL	+/- 5.9 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

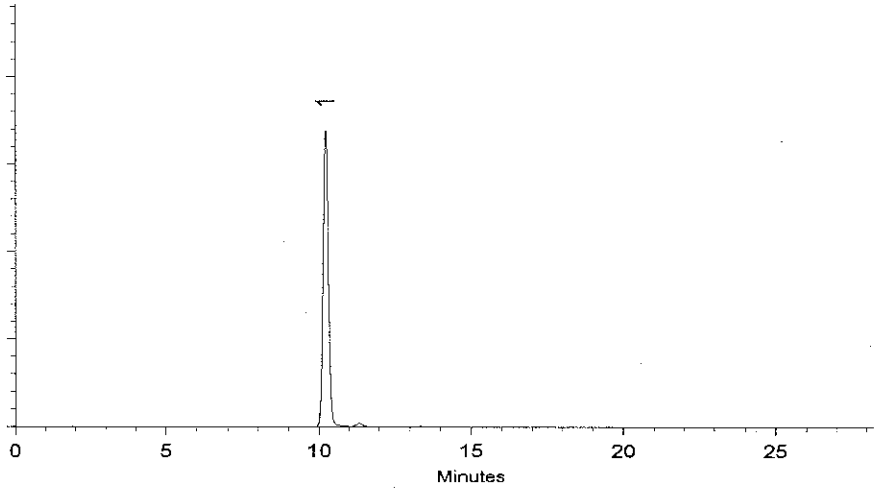
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Rcvd 11/5/12

John Lidgett - QA Analyst

Date Passed: 23-Jun-2011 **Balance:** 1125113331

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

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www.Restek.com

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31452 **Lot No.:** A082463

Description : 8330 Internal Standard Mix

SV Mix, 8000 Series Method, 8330 Internal Std, 3,4-dinitrotoluene, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] June 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L., K=2) [4]
1	3,4-Dinitrotoluene	610-39-9	99%	1,000.0 ug/mL	+/- 5.9 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

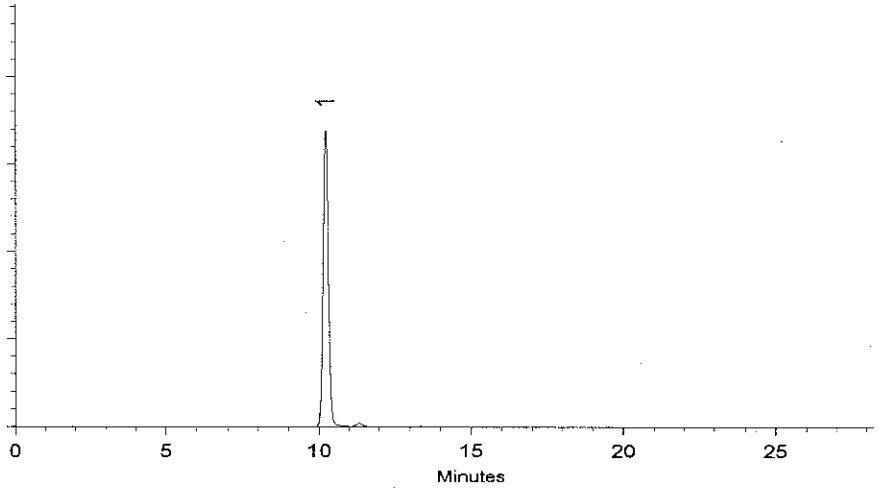
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Rcvd 1/5/12

John Lidgett - QA Analyst

Date Passed: 23-Jun-2011 **Balance:** 1125113331

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

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Standard Solution Assay Parameters

Analysis Method:	HPLC/UV
Column:	Prodigy ODS 3, 4.6 x 250 mm
Mobile Phase:	A: Water B: Methanol

Gradient Program:

Time (mins)	%A	%B
0.0	50	50
10.0	40	60
25.0	40	60

Flow Rate:	0.8 mL/min
Wavelength:	254 nm

Calibration Curve

Calibration Curve:	Linear Regression
Number of Points:	1

Solution Standard Verification and Homogeneity

Compound	Verified Concentration µg/mL	Acceptance Criteria	%RSD - Homogeneity %	Acceptance Criteria
2-Amino-4,6-dinitrotoluene	199.9	± 10%	0.8	≤ 3%
4-Amino-2,6-dinitrotoluene	201.3	± 10%	1.4	≤ 3%
1,3-Dinitrobenzene	199.5	± 10%	0.7	≤ 3%
2,4-Dinitrotoluene	200.1	± 10%	0.6	≤ 3%
2,6-Dinitrotoluene	197.7	± 10%	0.9	≤ 3%
HMX	199.5	± 10%	0.7	≤ 3%
Nitrobenzene	199.8	± 10%	0.5	≤ 3%
2-Nitrotoluene	199.5	± 10%	0.2	≤ 3%
3-Nitrotoluene	199.0	± 10%	0.5	≤ 3%
4-Nitrotoluene	199.4	± 10%	0.6	≤ 3%
RDX	199.4	± 10%	0.7	≤ 3%
Tetryl	197.8	± 10%	0.7	≤ 3%
1,3,5-Trinitrobenzene	199.3	± 10%	0.7	≤ 3%
2,4,6-Trinitrotoluene (TNT)	198.6	± 10%	1.0	≤ 3%

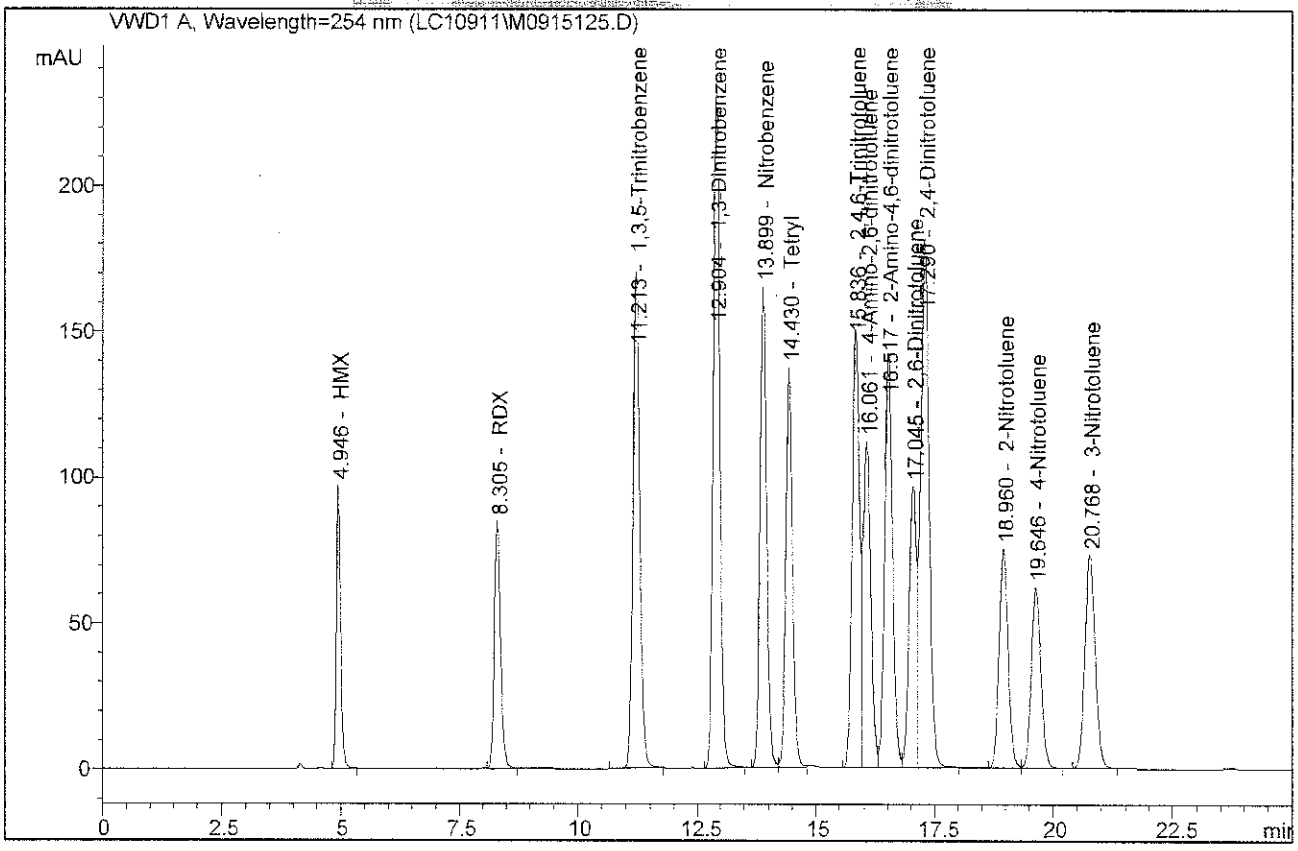
- Concentration is verified through multiple analyses and is calculated as the average of multiple analyses compared to an independently prepared calibration curve.
- Homogeneity is ensured through rigorous production process controls statistically analyzed to evaluate risk and verified by analysis. The %RSD of samples pulled from across the lot demonstrate homogeneity.
- Product is compared to prior lot and meets acceptance criteria of ± 10%.

Neat Material Data

Compound	Lot Number	CAS Number	Chemical Formula	Molecular Weight	Chromatographic Purity
2-Amino-4,6-dinitrotoluene	29550-55	35572-78-2	$C_7H_7N_3O_4$	197.15	99.98%
4-Amino-2,6-dinitrotoluene	ER070908-01	19406-51-0	$C_7H_7N_3O_4$	197.15	99.88%
1,3-Dinitrobenzene	EB-1876	99-65-0	$C_6H_4N_2O_4$	168.11	98.72%
2,4-Dinitrotoluene	EB-1379	121-14-2	$C_7H_6N_2O_4$	182.14	99.00%
2,6-Dinitrotoluene	PER-083-93401	606-20-2	$C_7H_6N_2O_4$	182.14	99.59%
HMX	ER052908-01	2691-41-0	$C_4H_8N_8O_8$	296.16	98.41%
Nitrobenzene	PR090310-01	98-95-3	$C_6H_5NO_2$	123.11	99.96%
2-Nitrotoluene	EB-1509	88-72-2	$C_7H_7NO_2$	137.14	99.95%
3-Nitrotoluene	EB-1519	99-08-1	$C_7H_7NO_2$	137.14	99.94%
4-Nitrotoluene	EB-1816	99-99-0	$C_7H_7NO_2$	137.14	99.81%
RDX	ER091609-04	121-82-4	$C_3H_6N_6O_6$	222.12	99.94%
Tetryl	34268-43	479-45-8	$C_7H_5N_5O_8$	287.15	98.67%
1,3,5-Trinitrobenzene	PR122706-01	99-35-4	$C_6H_3N_3O_6$	213.11	99.96%
2,4,6-Trinitrotoluene (TNT)	PR041911-01	118-96-7	$C_7H_5N_3O_6$	227.13	99.89%

+ Purity Factor = [(100 - wt% residual solvent - wt% residual water - wt% residual inorganics) x Chromatographic Purity/100].

Product Analysis



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Rcvd 8/28/12

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 33905 **Lot No.:** A084334

Description : 8330 Calibration Standard

Nitroaromatics and Nitramine Explosives by HPLC, 1,000µg/ml, Acetonitrile, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] May 2015 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	HMX	2691-41-0	99%	1,000.0 ug/mL	+/- 5.9397 ug/mL
2	RDX	121-82-4	98%	999.6 ug/mL	+/- 5.9373 ug/mL
3	1,3,5-Trinitrobenzene	99-35-4	98%	999.6 ug/mL	+/- 5.9373 ug/mL
4	1,3-Dinitrobenzene	99-65-0	97%	1,000.1 ug/mL	+/- 5.9401 ug/mL
5	Nitrobenzene	98-95-3	99%	1,000.0 ug/mL	+/- 5.9397 ug/mL
6	Tetryl	479-45-8	99%	1,000.0 ug/mL	+/- 5.9397 ug/mL
7	2,4,6-Trinitrotoluene	118-96-7	98%	999.6 ug/mL	+/- 5.9373 ug/mL
8	2-Amino-4,6-dinitrotoluene	35572-78-2	99%	1,000.0 ug/mL	+/- 5.9397 ug/mL
9	4-Amino-2,6-dinitrotoluene	19406-51-0	98%	999.6 ug/mL	+/- 5.9373 ug/mL
10	2,4-Dinitrotoluene	121-14-2	99%	1,000.0 ug/mL	+/- 5.9397 ug/mL
11	2,6-Dinitrotoluene	606-20-2	99%	1,000.0 ug/mL	+/- 5.9397 ug/mL
12	2-Nitrotoluene	88-72-2	99%	1,000.0 ug/mL	+/- 5.9397 ug/mL
13	4-Nitrotoluene	99-99-0	97%	970.0 ug/mL	+/- 5.7615 ug/mL
14	3-Nitrotoluene	99-08-1	97%	1,000.1 ug/mL	+/- 5.9401 ug/mL

Solvent: Acetonitrile 75-05-8 99%

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

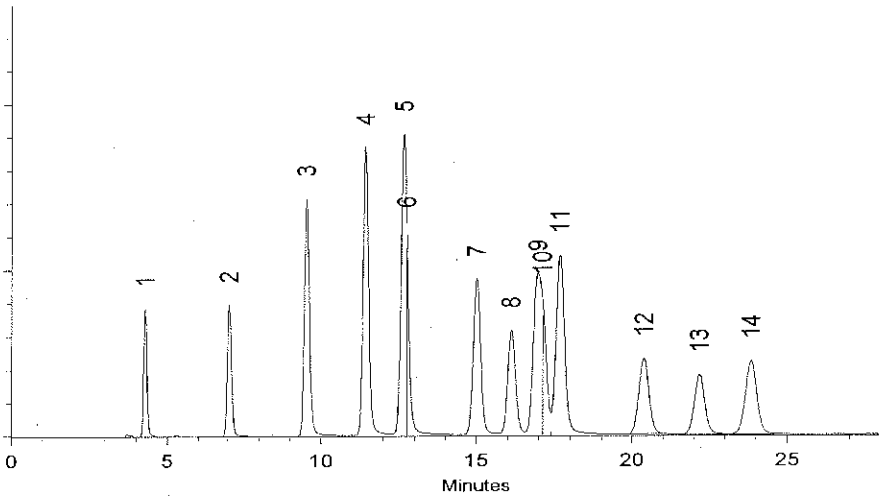
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Diane Shaffer - QA Analyst

Date Passed: 22-Nov-2011 **Balance:** 1128342314

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

Note:

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Certificate of Analysis

ACCREDITED
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31601 **Lot No.:** A085885

Description : EGDN Standard

1000ug/mL, Methanol, 1mL/ampul *PGI BOX REQUIRED* SHIP FED EX GROUND ONLY

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 2017 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	EGDN	628-96-6	99%	1,000.0 ug/mL	+/- 5.9397 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

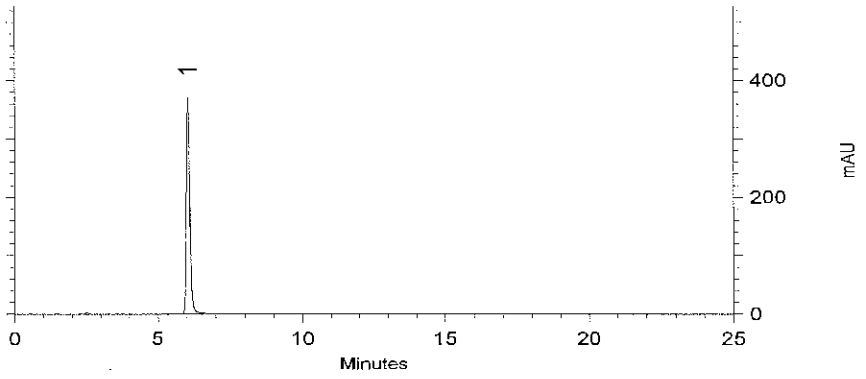
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Diane Shaffer - QA Analyst

Date Passed: 16-Jan-2012 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

General Reference Material Notes

Expiration Notes:

- Expiration date of the unopened ampul stored at the recommended storage condition is the last day of the month listed in the expiration date field.
- Uncertainty, concentration, and expiration of the RM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Uncertainty Value Notes:

- Uncertainties are determined using data from balances and glassware, raw material purity, and, when significant, equipment tolerances or calibration results.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

HP NGTA – 00001

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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31498 **Lot No.:** A082035

Description : Nitroglycerin Standard

SV Mix, Nitroglycerin Standard, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] May 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Nitroglycerin	55-63-0	99%	1,000.0 ug/mL	+/- 5.9 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

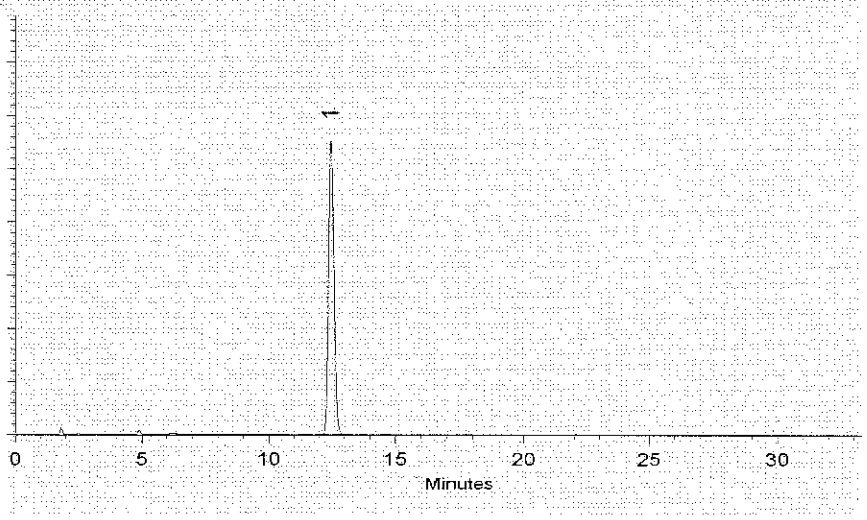
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



HP NGTA – 00001

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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31498 **Lot No.:** A082035

Description : Nitroglycerin Standard

SV Mix, Nitroglycerin Standard, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] May 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Nitroglycerin	55-63-0	99%	1,000.0 ug/mL	+/- 5.9 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

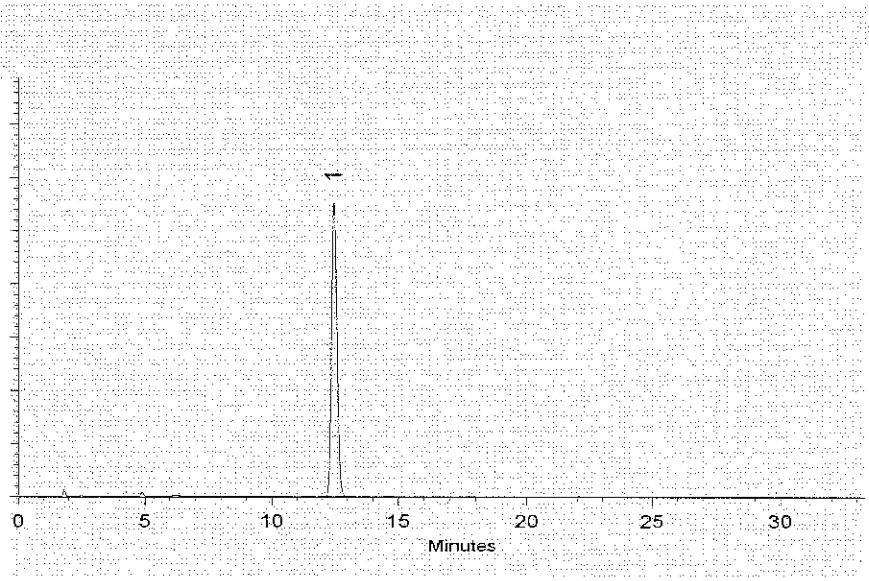
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



HPNGTA-00001

1.0

5

RESTEK

Certificate of Analysis

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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. :	31602	**Lot No.:**	A076817
Description :	Nitroguanidine Standard		
Container Size :	2 mL	**Pkg Amt:**	> 1 mL
Expiration Date : [1]	September 2015	**Storage:**	Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. [3] (weight/volume)	% Grav.Uncert. [4] (95% C.L., K=2)
1	Nitroguanidine	556-88-7	99%	1,000.000 ug/ml	+/-0.59 %
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

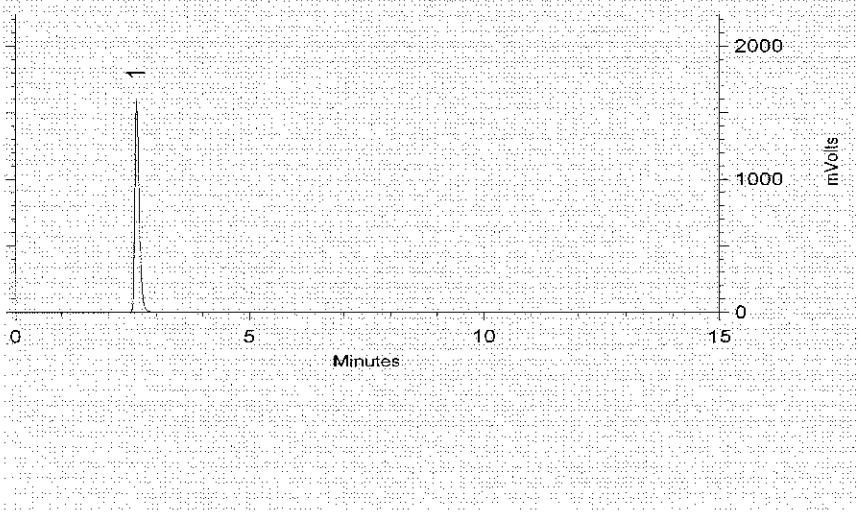
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Diane Shaffer - QA Analyst

Date Passed: 16-Sep-2010 **Balance:** 1128342313

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

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New Haven, CT 06513
USA

AccuStandard® Inc.

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CERTIFICATE OF ANALYSIS

Catalog No: M-8330-ADD-6
Description: Nitroguanidine
Lot: 211111014
Solvent: Methanol

Date Certified: Nov 1, 2011
Expiration: Nov 1, 2013
Sample Size: 1 mL
Storage Condition: Freeze (<-10° C)
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (HPLC)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Nitroguanidine	556-88-7	100	100.5	100.5

Rcvd 5/25/12

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822-275872-11
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

See reverse side for additional information
Refer to the MSDS for additional safety information

Certified by: R. Cooper
Russ Cooper, QC Manager

Rcvd 3/20/12

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Certificate of Analysis

ACCREDITED Reference Material Producer Certificate #3222.01

ACCREDITED Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31499 **Lot No.:** A086505

Description : Picric Acid Standard

1000ug/mL, Methanol, 1mL/ampul *PGI BOX REQUIRED* SHIP FED EX GROUND ONLY

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 2017 **Storage:** 10°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Picric Acid	1,000.0 ug/mL	+/- 5.9397	ug/mL	Gravimetric
	CAS # 88-89-1		+/- 32.2037	ug/mL	Unstressed
	Purity 99%		+/- 44.7693	ug/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.53mm x 0.5um
Rtx-5 (cat.# 10240)

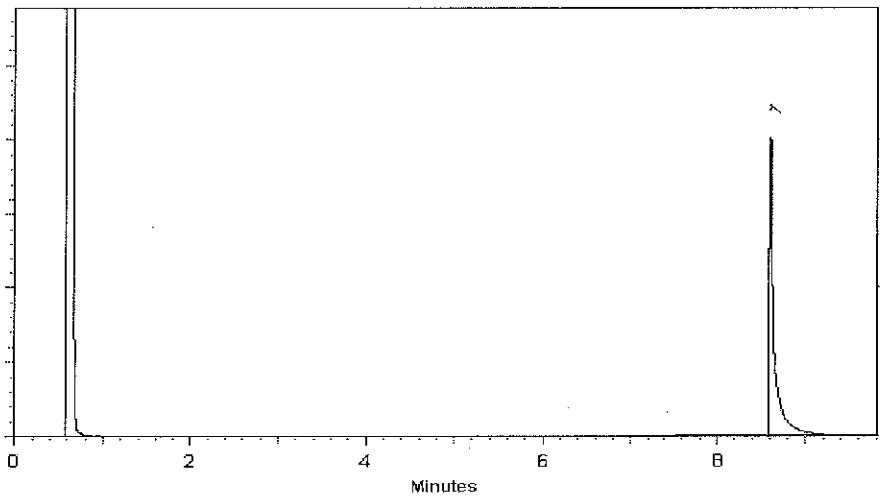
Carrier Gas:
hydrogen-constant flow 11 mL/min

Temp. Program:
70°C (hold 2 min.) to 225°C
@ 20°C/min.

Inj. Temp:
cold on-column

Det. Temp:
335°C

Det. Type:
FID



Valerie N. Walters - QA Analyst

Date Passed: 16-Mar-2012 **Balance:** 1128342313

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

Rec'd 3/16/12

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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31600 **Lot No.:** A085138

Description : PETN Standard

SV Mix, PETN Standard, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] November 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	PETN	78-11-5	99%	1,000.0 ug/mL	+/- 5.8686 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

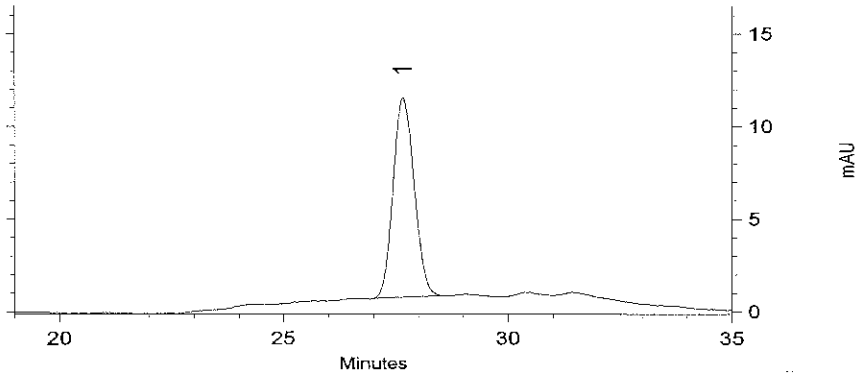
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Diane Shaffer - QA Analyst

Date Passed: 23-Nov-2011 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

Rec'd 3/16/12

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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31600 **Lot No.:** A085138

Description : PETN Standard

SV Mix, PETN Standard, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] November 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	PETN	78-11-5	99%	1,000.0 ug/mL	+/- 5.8686 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

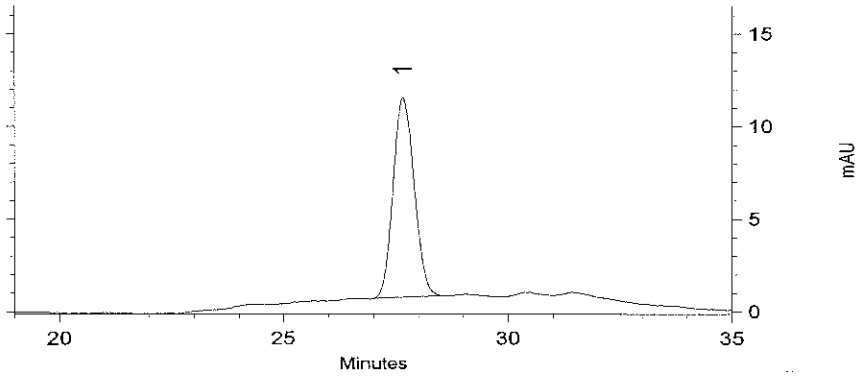
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Diane Shaffer - QA Analyst

Date Passed: 23-Nov-2011 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

Certification Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-18544-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Canton	California	NELAP	9	01144CA
TestAmerica Canton	Connecticut	State Program	1	PH-0590
TestAmerica Canton	Florida	NELAP	4	E87225
TestAmerica Canton	Georgia	State Program	4	N/A
TestAmerica Canton	Illinois	NELAP	5	200004
TestAmerica Canton	Kansas	NELAP	7	E-10336
TestAmerica Canton	Kentucky	State Program	4	58
TestAmerica Canton	L-A-B	DoD ELAP		L2315
TestAmerica Canton	Nevada	State Program	9	OH-000482008A
TestAmerica Canton	New Jersey	NELAP	2	OH001
TestAmerica Canton	New York	NELAP	2	10975
TestAmerica Canton	Ohio VAP	State Program	5	CL0024
TestAmerica Canton	Pennsylvania	NELAP	3	68-00340
TestAmerica Canton	Texas	NELAP	6	
TestAmerica Canton	USDA	Federal		P330-11-00328
TestAmerica Canton	Virginia	NELAP	3	460175
TestAmerica Canton	Washington	State Program	10	C971
TestAmerica Canton	Wisconsin	State Program	5	999518190
TestAmerica Pittsburgh	Arkansas DEQ	State Program	6	88-0690
TestAmerica Pittsburgh	California	NELAP	9	4224CA
TestAmerica Pittsburgh	Connecticut	State Program	1	PH-0688
TestAmerica Pittsburgh	Florida	NELAP	4	E871008
TestAmerica Pittsburgh	Illinois	NELAP	5	002602
TestAmerica Pittsburgh	Kansas	NELAP	7	E-10350
TestAmerica Pittsburgh	L-A-B	DoD ELAP		L2314
TestAmerica Pittsburgh	Louisiana	NELAP	6	04041
TestAmerica Pittsburgh	New Hampshire	NELAP	1	203011
TestAmerica Pittsburgh	New Jersey	NELAP	2	PA005
TestAmerica Pittsburgh	New York	NELAP	2	11182
TestAmerica Pittsburgh	North Carolina DENR	State Program	4	434
TestAmerica Pittsburgh	Pennsylvania	NELAP	3	02-00416
TestAmerica Pittsburgh	South Carolina	State Program	4	89014
TestAmerica Pittsburgh	USDA	Federal		P330-10-00139
TestAmerica Pittsburgh	USDA	Federal		P-Soil-01
TestAmerica Pittsburgh	Utah	NELAP	8	STLP
TestAmerica Pittsburgh	Virginia	NELAP	3	460189
TestAmerica Pittsburgh	West Virginia DEP	State Program	3	142
TestAmerica Pittsburgh	Wisconsin	State Program	5	998027800
TestAmerica Sacramento	A2LA	DoD ELAP		2928-01
TestAmerica Sacramento	Alaska (UST)	State Program	10	UST-055
TestAmerica Sacramento	Arizona	State Program	9	AZ0708
TestAmerica Sacramento	Arkansas DEQ	State Program	6	88-0691
TestAmerica Sacramento	California	NELAP	9	1119CA
TestAmerica Sacramento	Colorado	State Program	8	N/A
TestAmerica Sacramento	Connecticut	State Program	1	PH-0691
TestAmerica Sacramento	Florida	NELAP	4	E87570
TestAmerica Sacramento	Guam	State Program	9	N/A
TestAmerica Sacramento	Hawaii	State Program	9	N/A
TestAmerica Sacramento	Illinois	NELAP	5	200060
TestAmerica Sacramento	Kansas	NELAP	7	E-10375
TestAmerica Sacramento	Louisiana	NELAP	6	30612
TestAmerica Sacramento	Michigan	State Program	5	9947
TestAmerica Sacramento	Nevada	State Program	9	CA44

Certification Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-18544-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Sacramento	New Jersey	NELAP	2	CA005
TestAmerica Sacramento	New York	NELAP	2	11666
TestAmerica Sacramento	Northern Mariana Islands	State Program	9	MP0007
TestAmerica Sacramento	Oregon	NELAP	10	CA200005
TestAmerica Sacramento	Pennsylvania	NELAP	3	68-01272
TestAmerica Sacramento	South Carolina	State Program	4	87014
TestAmerica Sacramento	Texas	NELAP	6	T104704399-08-TX
TestAmerica Sacramento	US Fish & Wildlife	Federal		LE148388-0
TestAmerica Sacramento	USDA	Federal		P330-11-00436
TestAmerica Sacramento	USEPA UCMR	Federal	1	CA00044
TestAmerica Sacramento	Utah	NELAP	8	QUAN1
TestAmerica Sacramento	Washington	State Program	10	C581
TestAmerica Sacramento	West Virginia	State Program	3	9930C
TestAmerica Sacramento	West Virginia DEP	State Program	3	334
TestAmerica Sacramento	Wyoming	State Program	8	8TMS-Q

Accreditation may not be offered or required for all methods and analytes reported in this package Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260B DOD

Volatile Organic Compounds (GC/MS) by Method 8260B/DOD

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	MRL 240-68663/5	111	104	108	109
	MRL 240-68663/32	84	79	78 Q	82 Q
	MRL 240-68830/14	101	103	102	104
	MRL 240-68830/33	99	95	102	101
	MRL 240-68879/5	99	102	97	102
	MRL 240-68879/33	96	94	100	97
	MRL 240-68905/5	98	98	98	100
	MRL 240-68905/33	93	93	94	98

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	50-150
TOL = Toluene-d8 (Surr)	50-150
BFB = 4-Bromofluorobenzene (Surr)	50-150

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #	
072SB-0063-0001-SO	240-18544-1	92	89	98	85	
072SB-0064-0001-SO	240-18544-2	90	89	94	84	Q
072SB-0065-0001-SO	240-18544-3	103	113	103	102	
072SB-0066-0001-SO	240-18544-4	96	102	93	95	
072SB-0067-0001-SO	240-18544-5	96	101	91	96	
072SB-0068-0001-SO	240-18544-6	92	95	94	96	
076SB-0090M-0001-SO	240-18544-7	103	102	110	85	
076SB-0091M-0001-SO	240-18544-8	94	100	100	93	
076SB-0092-0001-SO	240-18544-10	97	106	99	103	
076SB-0093-0001-SO	240-18544-11	94	102	92	94	
076SB-0094-0001-SO	240-18544-12	85	83	89	81	Q
076SB-0095-0001-SO	240-18544-13	100	102	102	93	
076SB-0096-0001-SO	240-18544-14	93	100	95	92	
076SB-0097-0001-SO	240-18544-15	96	103	96	93	
076SB-0098-0001-SO	240-18544-16	97	98	101	86	
076SB-0099-0001-SO	240-18544-17	99	98	108	84	Q
076SB-0078-0001-SO	240-18544-18	94	100	92	95	
076SB-0100M-0001-SO	240-18544-19	98	99	100	99	
076SB-0101M-0001-SO	240-18544-20	94	94	100	86	
076SB-0102M-0001-SO	240-18544-21	94	97	100	88	
076SB-0103M-0001-SO	240-18544-22	102	109	102	100	
076SB-0104M-0001-SO	240-18544-23	103	108	99	96	
076SB-0105M-0001-SO	240-18544-24	100	108	99	95	
076SB-0106M-0001-SO	240-18544-25	97	104	96	93	
076SB-0107M-0001-SO	240-18544-26	94	94	96	89	
076SB-0108M-0001-SO	240-18544-27	97	103	97	92	
076SB-0109M-0001-SO	240-18544-28	94	103	92	89	
076SB-0110M-0001-SO	240-18544-29	92	100	91	90	
076SB-0111M-0001-SO	240-18544-30	92	99	92	92	

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	59-138
DCA = 1,2-Dichloroethane-d4 (Surr)	61-130
TOL = Toluene-d8 (Surr)	85-115
BFB = 4-Bromofluorobenzene (Surr)	85-120

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
076SB-0112M-0001-SO	240-18544-31	100	107	99	96
076SB-0113M-0001-SO	240-18544-32	95	96	103	83 Q
076SB-0114M-0001-SO	240-18544-33	93	91	97	91
076SB-0115M-0001-SO	240-18544-34	92	93	97	88
	MB 240-68663/7	106	104	104	102
	MB 240-68830/15	97	95	99	96
	MB 240-68879/7	99	100	102	100
	MB 240-68905/7	98	102	98	98
	LCS 240-68663/6	107	100	109	106
	LCS 240-68830/13	104	104	107	107
	LCS 240-68879/6	101	97	103	102
	LCS 240-68905/6	103	103	102	101
072SB-0063-0001-SOMS	240-18544-1 MS	85	77	89	81 Q
076SB-0090M-0001-SO MS	240-18544-7 MS	102	96	110	98
076SB-0091M-0001-SO MS	240-18544-8 MS	99	96	100	94
076SB-0100M-0001-SO MS	240-18544-19 MS	104	105	103	102
072SB-0063-0001-SOMSD	240-18544-1 MSD	74	68	77 Q	69 Q
076SB-0090M-0001-SO MSD	240-18544-7 MSD	100	97	108	92
076SB-0091M-0001-SO MSD	240-18544-8 MSD	97	95	100	97
076SB-0100M-0001-SO MSD	240-18544-19 MSD	100	98	104	102

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	59-138
DCA = 1,2-Dichloroethane-d4 (Surr)	61-130
TOL = Toluene-d8 (Surr)	85-115
BFB = 4-Bromofluorobenzene (Surr)	85-120

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	MRL 240-68395/4	91	98	98	105
	MRL 240-68395/22	91	95	98	104

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	50-150
TOL = Toluene-d8 (Surr)	50-150
BFB = 4-Bromofluorobenzene (Surr)	50-150

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
072SB-0069-0001-TB	240-18544-9	90	96	98	102
076SB-0116-0001-TB	240-18544-35	88	93	100	103
076SB-0117-0001-TB	240-18544-36	89	93	97	104
076SB-0118-0001-TB	240-18544-37	89	95	95	103
	MB 240-68395/6	90	95	98	102
	LCS 240-68395/5	92	95	97	106

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	85-115
DCA = 1,2-Dichloroethane-d4 (Surr)	70-120
TOL = Toluene-d8 (Surr)	85-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXJ8970.D

Lab ID: LCS 240-68395/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
2-Butanone (MEK)	20.0	21.2	106	30-150	
Acetone	20.0	18.2	91	40-140	
Benzene	10.0	10.5	105	80-120	
Bromoform	10.0	8.85	88	70-130	
1,1-Dichloroethane	10.0	11.3	113	70-135	
Bromomethane	10.0	8.55	85	30-145	
1,2-Dichloroethane	10.0	10.7	107	70-130	
Carbon disulfide	10.0	11.1	111	35-160	
Carbon tetrachloride	10.0	9.68	97	65-140	
1,1-Dichloroethene	10.0	10.8	108	70-130	
Chlorobenzene	10.0	10.1	101	80-120	
1,2-Dichloropropane	10.0	11.0	110	75-125	
Bromodichloromethane	10.0	10.4	104	75-120	
Chloromethane	10.0	10.3	103	40-125	
2-Hexanone	20.0	22.3	111	55-130	
cis-1,3-Dichloropropene	10.0	10.0	100	70-130	
4-Methyl-2-pentanone (MIBK)	20.0	21.9	110	60-135	
Dibromochloromethane	10.0	9.66	97	60-135	
Ethylbenzene	10.0	9.95	99	75-125	
Methyl tert-butyl ether	10.0	10.7	107	65-125	
Methylene Chloride	10.0	9.93	99	55-140	
1,1,2,2-Tetrachloroethane	10.0	11.4	114	65-130	
Styrene	10.0	10.4	104	65-135	
Tetrachloroethene	10.0	8.63	86	45-150	
Toluene	10.0	10.1	101	75-120	
Chloroform	10.0	10.2	102	65-135	
1,1,1-Trichloroethane	10.0	10.2	102	65-130	
Bromochloromethane	10.0	9.67	97	65-130	
1,1,2-Trichloroethane	10.0	10.7	107	75-125	
trans-1,3-Dichloropropene	10.0	10.4	104	55-140	
Trichloroethene	10.0	9.40	94	70-125	
Vinyl chloride	10.0	9.88	99	50-145	
Chloroethane	10.0	10.1	101	60-135	
Xylenes, Total	30.0	30.5	102	75-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82427.D

Lab ID: LCS 240-68663/6 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzene	25.0	21.4	86	75-125	
Ethylbenzene	25.0	20.1	81	75-125	
Methyl tert-butyl ether	25.0	23.7	95	70-130	
Toluene	25.0	20.4	82	70-125	
Xylenes, Total	75.0	64.0	85	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82466.D

Lab ID: LCS 240-68830/13 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
2-Butanone (MEK)	50.0	52.0	104	30-160	
Acetone	50.0	60.0	120	20-160	
Benzene	25.0	27.1	108	75-125	
Bromoform	25.0	23.1	92	55-135	
1,1-Dichloroethane	25.0	27.8	111	75-125	
Bromomethane	25.0	22.2	89	30-160	
1,2-Dichloroethane	25.0	26.9	108	70-135	
Carbon disulfide	25.0	27.8	111	45-160	
Carbon tetrachloride	25.0	27.8	111	65-135	
1,1-Dichloroethene	25.0	29.5	118	65-135	
Chlorobenzene	25.0	26.0	104	75-125	
1,2-Dichloropropane	25.0	27.3	109	70-120	
Bromodichloromethane	25.0	27.6	110	70-130	
Chloromethane	25.0	24.8	99	50-130	
2-Hexanone	50.0	54.4	109	45-145	
cis-1,3-Dichloropropene	25.0	26.2	105	70-125	
4-Methyl-2-pentanone (MIBK)	50.0	54.1	108	45-145	
Dibromochloromethane	25.0	26.0	104	65-130	
Ethylbenzene	25.0	26.3	105	75-125	
Methyl tert-butyl ether	25.0	27.2	109	70-130	
Methylene Chloride	25.0	25.5	102	55-140	
1,1,2,2-Tetrachloroethane	25.0	26.8	107	55-130	
Styrene	25.0	28.8	115	75-125	
Tetrachloroethene	25.0	25.9	104	65-140	
Toluene	25.0	26.0	104	70-125	
Chloroform	25.0	26.3	105	70-125	
1,1,1-Trichloroethane	25.0	28.0	112	70-135	
Bromochloromethane	25.0	26.1	104	70-125	
1,1,2-Trichloroethane	25.0	26.9	108	60-125	
trans-1,3-Dichloropropene	25.0	23.5	94	65-125	
Trichloroethene	25.0	27.2	109	75-125	
Vinyl chloride	25.0	24.3	97	60-125	
Chloroethane	25.0	23.6	95	40-155	
Xylenes, Total	75.0	81.5	109	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82497.D

Lab ID: LCS 240-68879/6 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
2-Butanone (MEK)	50.0	43.0	86	30-160	
Acetone	50.0	52.1	104	20-160	
Benzene	25.0	27.1	109	75-125	
Bromoform	25.0	20.9	84	55-135	
1,1-Dichloroethane	25.0	27.0	108	75-125	
Bromomethane	25.0	21.7	87	30-160	
1,2-Dichloroethane	25.0	26.1	104	70-135	
Carbon disulfide	25.0	27.2	109	45-160	
Carbon tetrachloride	25.0	27.7	111	65-135	
1,1-Dichloroethene	25.0	29.5	118	65-135	
Chlorobenzene	25.0	26.4	106	75-125	
1,2-Dichloropropane	25.0	26.6	107	70-120	
Bromodichloromethane	25.0	27.4	110	70-130	
Chloromethane	25.0	25.2	101	50-130	
2-Hexanone	50.0	41.9	84	45-145	
cis-1,3-Dichloropropene	25.0	25.3	101	70-125	
4-Methyl-2-pentanone (MIBK)	50.0	44.6	89	45-145	
Dibromochloromethane	25.0	24.7	99	65-130	
Ethylbenzene	25.0	27.2	109	75-125	
Methyl tert-butyl ether	25.0	25.2	101	70-130	
Methylene Chloride	25.0	28.3	113	55-140	
1,1,2,2-Tetrachloroethane	25.0	24.5	98	55-130	
Styrene	25.0	28.7	115	75-125	
Tetrachloroethene	25.0	26.3	105	65-140	
Toluene	25.0	25.9	104	70-125	
Chloroform	25.0	26.5	106	70-125	
1,1,1-Trichloroethane	25.0	27.4	109	70-135	
Bromochloromethane	25.0	24.9	100	70-125	
1,1,2-Trichloroethane	25.0	25.2	101	60-125	
trans-1,3-Dichloropropene	25.0	22.6	90	65-125	
Trichloroethene	25.0	27.4	109	75-125	
Vinyl chloride	25.0	25.7	103	60-125	
Chloroethane	25.0	23.7	95	40-155	
Xylenes, Total	75.0	81.4	109	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82530.D

Lab ID: LCS 240-68905/6 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzene	25.0	27.7	111	75-125	
Ethylbenzene	25.0	26.8	107	75-125	
Methyl tert-butyl ether	25.0	27.4	110	70-130	
Toluene	25.0	26.1	105	70-125	
Xylenes, Total	75.0	81.7	109	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXJ8969.D

Lab ID: MRL 240-68395/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.0109	109	70-130	
Acetone	0.0100	0.00996 J	100	70-130	
Benzene	0.00100	0.00112	112	70-130	
Bromoform	0.00100	0.000790 J	79	70-130	
1,1-Dichloroethane	0.00100	0.00113	113	70-130	
Bromomethane	0.00100	0.00110	110	70-130	
1,2-Dichloroethane	0.00100	0.00110	110	70-130	
Carbon disulfide	0.00100	0.00102	102	70-130	
Carbon tetrachloride	0.00100	0.00103	103	70-130	
1,1-Dichloroethene	0.00100	0.00101	101	70-130	
Chlorobenzene	0.00100	0.00105	105	70-130	
1,2-Dichloropropane	0.00100	0.00108	108	70-130	
Bromodichloromethane	0.00100	0.00102	102	70-130	
Chloromethane	0.00100	0.00120	120	70-130	
2-Hexanone	0.0100	0.0112	112	70-130	
cis-1,3-Dichloropropene	0.00100	0.000960 J	96	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.0111	111	70-130	
Dibromochloromethane	0.00100	0.000919 J	92	70-130	
Ethylbenzene	0.00100	0.00102	102	70-130	
Methyl tert-butyl ether	0.00100	0.00106	106	70-130	
Methylene Chloride	0.00100	0.00165	165	70-130	^
1,1,2,2-Tetrachloroethane	0.00100	0.00138	138	70-130	^
Styrene	0.00100	0.00103	103	70-130	
Tetrachloroethene	0.00100	0.000880 J	88	70-130	
Toluene	0.00100	0.00109	109	70-130	
Chloroform	0.00100	0.00108	108	70-130	
1,1,1-Trichloroethane	0.00100	0.00112	112	70-130	
Bromochloromethane	0.00100	0.000955 J	95	70-130	
1,1,2-Trichloroethane	0.00100	0.00105	105	70-130	
trans-1,3-Dichloropropene	0.00100	0.00102	102	70-130	
Trichloroethene	0.00100	0.000942 J	94	70-130	
Vinyl chloride	0.00100	0.00104	104	70-130	
Chloroethane	0.00100	0.00113	113	70-130	
Xylenes, Total	0.00300	0.00309	103	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXJ8988.D

Lab ID: MRL 240-68395/22 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.00959 J	96	70-130	
Acetone	0.0100	0.00772 J	77	70-130	
Benzene	0.00100	0.00117	117	70-130	
Bromoform	0.00100	0.000805 J	81	70-130	
1,1-Dichloroethane	0.00100	0.00118	118	70-130	
Bromomethane	0.00100	0.00110	110	70-130	
1,2-Dichloroethane	0.00100	0.00113	113	70-130	
Carbon disulfide	0.00100	0.00102	102	70-130	
Carbon tetrachloride	0.00100	0.000965 J	97	70-130	
1,1-Dichloroethene	0.00100	0.000999 J	100	70-130	
Chlorobenzene	0.00100	0.00104	104	70-130	
1,2-Dichloropropane	0.00100	0.00121	121	70-130	
Bromodichloromethane	0.00100	0.00105	105	70-130	
Chloromethane	0.00100	0.00125	125	70-130	
2-Hexanone	0.0100	0.0103	103	70-130	
cis-1,3-Dichloropropene	0.00100	0.00105	105	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.0104	104	70-130	
Dibromochloromethane	0.00100	0.000899 J	90	70-130	
Ethylbenzene	0.00100	0.00108	108	70-130	
Methyl tert-butyl ether	0.00100	0.00113	113	70-130	
Methylene Chloride	0.00100	0.00145	145	70-130	^
1,1,2,2-Tetrachloroethane	0.00100	0.00125	125	70-130	
Styrene	0.00100	0.00109	109	70-130	
Tetrachloroethene	0.00100	0.000929 J	93	70-130	
Toluene	0.00100	0.00116	116	70-130	
Chloroform	0.00100	0.00113	113	70-130	
1,1,1-Trichloroethane	0.00100	0.00105	105	70-130	
Bromochloromethane	0.00100	0.000992 J	99	70-130	
1,1,2-Trichloroethane	0.00100	0.00119	119	70-130	
trans-1,3-Dichloropropene	0.00100	0.00101	101	70-130	
Trichloroethene	0.00100	0.00102	102	70-130	
Vinyl chloride	0.00100	0.00115	115	70-130	
Chloroethane	0.00100	0.00109	109	70-130	
Xylenes, Total	0.00300	0.00327	109	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82426.D

Lab ID: MRL 240-68663/5 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Benzene	0.00500	0.00584	117	70-130	
Ethylbenzene	0.00500	0.00567	113	70-130	
Methyl tert-butyl ether	0.00500	0.00512	102	70-130	
Toluene	0.00500	0.00577	115	70-130	
Xylenes, Total	0.0150	0.0167	111	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82453.D

Lab ID: MRL 240-68663/32 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Benzene	0.00500	0.00503	101	70-130	
Ethylbenzene	0.00500	0.00447	89	70-130	
Methyl tert-butyl ether	0.00500	0.00488	98	70-130	
Toluene	0.00500	0.00471	94	70-130	
Xylenes, Total	0.0150	0.0138	92	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82467.D

Lab ID: MRL 240-68830/14 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.0103	103	70-130	
Acetone	0.0100	0.00826 J	83	70-130	
Benzene	0.00500	0.00501	100	70-130	
Bromoform	0.00500	0.00406	81	70-130	
1,1-Dichloroethane	0.00500	0.00492	98	70-130	
Bromomethane	0.00500	0.00484	97	70-130	
1,2-Dichloroethane	0.00500	0.00515	103	70-130	
Carbon disulfide	0.00500	0.00457	91	70-130	
Carbon tetrachloride	0.00500	0.00471	94	70-130	
1,1-Dichloroethene	0.00500	0.00492	98	70-130	
Chlorobenzene	0.00500	0.00483	97	70-130	
1,2-Dichloropropane	0.00500	0.00515	103	70-130	
Bromodichloromethane	0.00500	0.00463	93	70-130	
Chloromethane	0.00500	0.00503	101	70-130	
2-Hexanone	0.0100	0.0119	119	70-130	
cis-1,3-Dichloropropene	0.00500	0.00413	83	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.0107	107	70-130	
Dibromochloromethane	0.00500	0.00387	77	70-130	
Ethylbenzene	0.00500	0.00475	95	70-130	
Methyl tert-butyl ether	0.00500	0.00480	96	70-130	
Methylene Chloride	0.00500	0.00685	137	70-130	^
1,1,2,2-Tetrachloroethane	0.00500	0.00488	98	70-130	
Styrene	0.00500	0.00463	93	70-130	
Tetrachloroethene	0.00500	0.00458	92	70-130	
Toluene	0.00500	0.00481	96	70-130	
Chloroform	0.00500	0.00493	99	70-130	
1,1,1-Trichloroethane	0.00500	0.00467	93	70-130	
Bromochloromethane	0.00500	0.00467	93	70-130	
1,1,2-Trichloroethane	0.00500	0.00467	93	70-130	
trans-1,3-Dichloropropene	0.00500	0.00416	83	70-130	
Trichloroethene	0.00500	0.00475	95	70-130	
Vinyl chloride	0.00500	0.00485	97	70-130	
Chloroethane	0.00500	0.00458	92	70-130	
Xylenes, Total	0.0150	0.0147	98	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82486.D

Lab ID: MRL 240-68830/33 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.00795 J	80	70-130	
Acetone	0.0100	0.00826 J	83	70-130	
Benzene	0.00500	0.00492	98	70-130	
Bromoform	0.00500	0.00382	76	70-130	
1,1-Dichloroethane	0.00500	0.00474	95	70-130	
Bromomethane	0.00500	0.00433	87	70-130	
1,2-Dichloroethane	0.00500	0.00502	100	70-130	
Carbon disulfide	0.00500	0.00442	88	70-130	
Carbon tetrachloride	0.00500	0.00443	89	70-130	
1,1-Dichloroethene	0.00500	0.00508	102	70-130	
Chlorobenzene	0.00500	0.00461	92	70-130	
1,2-Dichloropropane	0.00500	0.00493	99	70-130	
Bromodichloromethane	0.00500	0.00440	88	70-130	
Chloromethane	0.00500	0.00479	96	70-130	
2-Hexanone	0.0100	0.00629 J	63	70-130	^
cis-1,3-Dichloropropene	0.00500	0.00378	76	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00690 J	69	70-130	^
Dibromochloromethane	0.00500	0.00398	80	70-130	
Ethylbenzene	0.00500	0.00467	93	70-130	
Methyl tert-butyl ether	0.00500	0.00432	86	70-130	
Methylene Chloride	0.00500	0.00700	140	70-130	^
1,1,2,2-Tetrachloroethane	0.00500	0.00462	92	70-130	
Styrene	0.00500	0.00431	86	70-130	
Tetrachloroethene	0.00500	0.00463	93	70-130	
Toluene	0.00500	0.00489	98	70-130	
Chloroform	0.00500	0.00479	96	70-130	
1,1,1-Trichloroethane	0.00500	0.00455	91	70-130	
Bromochloromethane	0.00500	0.00452	90	70-130	
1,1,2-Trichloroethane	0.00500	0.00460	92	70-130	
trans-1,3-Dichloropropene	0.00500	0.00386	77	70-130	
Trichloroethene	0.00500	0.00455	91	70-130	
Vinyl chloride	0.00500	0.00487	97	70-130	
Chloroethane	0.00500	0.00452	90	70-130	
Xylenes, Total	0.0150	0.0139	92	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82496.D

Lab ID: MRL 240-68879/5 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.0113	113	70-130	
Acetone	0.0100	0.00955 J	95	70-130	
Benzene	0.00500	0.00532	106	70-130	
Bromoform	0.00500	0.00449	90	70-130	
1,1-Dichloroethane	0.00500	0.00516	103	70-130	
Bromomethane	0.00500	0.00530	106	70-130	
1,2-Dichloroethane	0.00500	0.00535	107	70-130	
Carbon disulfide	0.00500	0.00472	94	70-130	
Carbon tetrachloride	0.00500	0.00501	100	70-130	
1,1-Dichloroethene	0.00500	0.00516	103	70-130	
Chlorobenzene	0.00500	0.00517	103	70-130	
1,2-Dichloropropane	0.00500	0.00525	105	70-130	
Bromodichloromethane	0.00500	0.00491	98	70-130	
Chloromethane	0.00500	0.00517	103	70-130	
2-Hexanone	0.0100	0.00956 J	96	70-130	
cis-1,3-Dichloropropene	0.00500	0.00440	88	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00965 J	96	70-130	
Dibromochloromethane	0.00500	0.00416	83	70-130	
Ethylbenzene	0.00500	0.00500	100	70-130	
Methyl tert-butyl ether	0.00500	0.00507	101	70-130	
Methylene Chloride	0.00500	0.00547	109	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00538	108	70-130	
Styrene	0.00500	0.00490	98	70-130	
Tetrachloroethene	0.00500	0.00485	97	70-130	
Toluene	0.00500	0.00505	101	70-130	
Chloroform	0.00500	0.00509	102	70-130	
1,1,1-Trichloroethane	0.00500	0.00498	100	70-130	
Bromochloromethane	0.00500	0.00522	104	70-130	
1,1,2-Trichloroethane	0.00500	0.00522	104	70-130	
trans-1,3-Dichloropropene	0.00500	0.00432	86	70-130	
Trichloroethene	0.00500	0.00534	107	70-130	
Vinyl chloride	0.00500	0.00556	111	70-130	
Chloroethane	0.00500	0.00523	105	70-130	
Xylenes, Total	0.0150	0.0156	104	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82524.D

Lab ID: MRL 240-68879/33 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.00907 J	91	70-130	
Acetone	0.0100	0.00900 J	90	70-130	
Benzene	0.00500	0.00506	101	70-130	
Bromoform	0.00500	0.00417	83	70-130	
1,1-Dichloroethane	0.00500	0.00505	101	70-130	
Bromomethane	0.00500	0.00514	103	70-130	
1,2-Dichloroethane	0.00500	0.00523	105	70-130	
Carbon disulfide	0.00500	0.00463	93	70-130	
Carbon tetrachloride	0.00500	0.00462	92	70-130	
1,1-Dichloroethene	0.00500	0.00512	102	70-130	
Chlorobenzene	0.00500	0.00503	101	70-130	
1,2-Dichloropropane	0.00500	0.00496	99	70-130	
Bromodichloromethane	0.00500	0.00454	91	70-130	
Chloromethane	0.00500	0.00520	104	70-130	
2-Hexanone	0.0100	0.00795 J	79	70-130	
cis-1,3-Dichloropropene	0.00500	0.00402	80	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00784 J	78	70-130	
Dibromochloromethane	0.00500	0.00420	84	70-130	
Ethylbenzene	0.00500	0.00500	100	70-130	
Methyl tert-butyl ether	0.00500	0.00464	93	70-130	
Methylene Chloride	0.00500	0.00649	130	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00518	104	70-130	
Styrene	0.00500	0.00461	92	70-130	
Tetrachloroethene	0.00500	0.00465	93	70-130	
Toluene	0.00500	0.00513	103	70-130	
Chloroform	0.00500	0.00516	103	70-130	
1,1,1-Trichloroethane	0.00500	0.00484	97	70-130	
Bromochloromethane	0.00500	0.00497	99	70-130	
1,1,2-Trichloroethane	0.00500	0.00509	102	70-130	
trans-1,3-Dichloropropene	0.00500	0.00419	84	70-130	
Trichloroethene	0.00500	0.00506	101	70-130	
Vinyl chloride	0.00500	0.00542	108	70-130	
Chloroethane	0.00500	0.00447	89	70-130	
Xylenes, Total	0.0150	0.0144	96	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82529.D

Lab ID: MRL 240-68905/5 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Benzene	0.00500	0.00565	113	70-130	
Ethylbenzene	0.00500	0.00556	111	70-130	
Methyl tert-butyl ether	0.00500	0.00505	101	70-130	
Toluene	0.00500	0.00559	112	70-130	
Xylenes, Total	0.0150	0.0170	113	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82557.D

Lab ID: MRL 240-68905/33 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Benzene	0.00500	0.00535	107	70-130	
Ethylbenzene	0.00500	0.00518	104	70-130	
Methyl tert-butyl ether	0.00500	0.00525	105	70-130	
Toluene	0.00500	0.00530	106	70-130	
Xylenes, Total	0.0150	0.0161	108	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82446.D

Lab ID: 240-18544-1 MS Client ID: 072SB-0063-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Benzene	24.3	0.58 U	24.9	102	75-125	
Ethylbenzene	24.3	0.58 U	23.5	97	75-125	
Methyl tert-butyl ether	24.3	0.58 U	22.4	92	70-130	
Toluene	24.3	0.58 U	23.8	98	70-125	
Xylenes, Total	72.9	1.8 U	71.7	98	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82473.D

Lab ID: 240-18544-7 MS Client ID: 076SB-0090M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acetone	62.4	7.8 U	51.0	82	20-160	
Benzene	31.2	0.62 U	30.9	99	75-125	
Bromochloromethane	31.2	1.2 U	28.6	92	70-125	
Bromodichloromethane	31.2	0.62 U	29.9	96	70-130	
Bromoform	31.2	0.62 U	23.6	76	55-135	
Bromomethane	31.2	1.2 U	26.4	85	30-160	
2-Butanone (MEK)	62.4	2.5 U	49.1	79	30-160	
Carbon disulfide	31.2	0.62 U	32.5	104	45-160	
Carbon tetrachloride	31.2	0.62 U	32.7	105	65-135	
Chlorobenzene	31.2	0.62 U	29.6	95	75-125	
Chloroethane	31.2	1.2 U	28.9	93	40-155	
Chloroform	31.2	0.62 U	29.6	95	70-125	
Chloromethane	31.2	0.62 U	29.1	93	50-130	
cis-1,3-Dichloropropene	31.2	0.62 U	26.8	86	70-125	
Dibromochloromethane	31.2	1.2 U	28.0	90	65-130	
1,1-Dichloroethane	31.2	0.62 U	30.4	97	75-125	
1,2-Dichloroethane	31.2	0.62 U	29.2	94	70-135	
1,1-Dichloroethene	31.2	1.2 U	34.7	111	65-135	
1,2-Dichloropropane	31.2	1.2 U	30.1	96	70-120	
Ethylbenzene	31.2	0.62 U	31.2	100	75-125	
2-Hexanone	62.4	1.2 U	48.9	78	45-145	
Methylene Chloride	31.2	1.2 U	30.3	97	55-140	
4-Methyl-2-pentanone (MIBK)	62.4	1.2 U	49.3	79	45-145	
Styrene	31.2	0.62 U	31.8	102	75-125	
1,1,2,2-Tetrachloroethane	31.2	0.62 U	30.7	98	55-130	
Tetrachloroethene	31.2	1.2 U	32.6	105	65-140	
Toluene	31.2	1.5 J	33.3	102	70-125	
trans-1,3-Dichloropropene	31.2	1.2 U	25.1	81	65-125	
1,1,1-Trichloroethane	31.2	1.2 U	32.1	103	70-135	
1,1,2-Trichloroethane	31.2	0.62 U	29.5	95	60-125	
Trichloroethene	31.2	0.62 U	31.3	100	75-125	
Vinyl chloride	31.2	0.62 U	30.5	98	60-125	
Xylenes, Total	93.5	1.9 U	96.9	104	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82503.D

Lab ID: 240-18544-8 MS Client ID: 076SB-0091M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acetone	63.0	6.4 U	63.0	100	20-160	
Benzene	31.5	0.51 U	33.1	105	75-125	
Bromochloromethane	31.5	1.0 U	30.5	97	70-125	
Bromodichloromethane	31.5	0.51 U	33.3	106	70-130	
Bromoform	31.5	0.51 U	26.7	85	55-135	
Bromomethane	31.5	1.0 U	24.8	79	30-160	
2-Butanone (MEK)	63.0	2.0 U	62.4	99	30-160	
Carbon disulfide	31.5	0.51 U	34.1	108	45-160	
Carbon tetrachloride	31.5	0.51 U	33.5	106	65-135	
Chlorobenzene	31.5	0.51 U	31.3	99	75-125	
Chloroethane	31.5	1.0 U	28.9	92	40-155	
Chloroform	31.5	0.51 U	31.8	101	70-125	
Chloromethane	31.5	0.51 U	28.7	91	50-130	
cis-1,3-Dichloropropene	31.5	0.51 U	30.0	95	70-125	
Dibromochloromethane	31.5	1.0 U	31.0	98	65-130	
1,1-Dichloroethane	31.5	0.51 U	32.8	104	75-125	
1,2-Dichloroethane	31.5	0.51 U	32.3	102	70-135	
1,1-Dichloroethene	31.5	1.0 U	37.8	120	65-135	
1,2-Dichloropropane	31.5	1.0 U	31.9	101	70-120	
Ethylbenzene	31.5	0.51 U	32.5	103	75-125	
2-Hexanone	63.0	1.0 U	61.6	98	45-145	
Methylene Chloride	31.5	1.6 J	32.0	97	55-140	
4-Methyl-2-pentanone (MIBK)	63.0	1.0 U	62.2	99	45-145	
Styrene	31.5	0.51 U	33.3	106	75-125	
1,1,2,2-Tetrachloroethane	31.5	0.51 U	33.3	106	55-130	
Tetrachloroethene	31.5	1.0 U	33.4	106	65-140	
Toluene	31.5	2.0 J	35.0	105	70-125	
trans-1,3-Dichloropropene	31.5	1.0 U	27.4	87	65-125	
1,1,1-Trichloroethane	31.5	1.0 U	33.6	107	70-135	
1,1,2-Trichloroethane	31.5	0.51 U	31.6	100	60-125	
Trichloroethene	31.5	0.51 U	32.1	102	75-125	
Vinyl chloride	31.5	0.51 U	30.3	96	60-125	
Xylenes, Total	94.6	1.5 U	98.5	104	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82506.D

Lab ID: 240-18544-19 MS Client ID: 076SB-0100M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acetone	39.5	7.0 U	36.8	93	20-160	
Benzene	19.8	0.55 U	19.6	99	75-125	
Bromochloromethane	19.8	1.1 U	18.2	92	70-125	
Bromodichloromethane	19.8	0.55 U	20.1	101	70-130	
Bromoform	19.8	0.55 U	15.4	78	55-135	
Bromomethane	19.8	1.1 U	15.4	78	30-160	
2-Butanone (MEK)	39.5	2.2 U	33.9	86	30-160	
Carbon disulfide	19.8	0.55 U	20.2	102	45-160	
Carbon tetrachloride	19.8	0.55 U	20.6	104	65-135	
Chlorobenzene	19.8	0.55 U	18.7	95	75-125	
Chloroethane	19.8	1.1 U	17.0	86	40-155	
Chloroform	19.8	0.55 U	19.1	96	70-125	
Chloromethane	19.8	0.55 U	17.1	87	50-130	
cis-1,3-Dichloropropene	19.8	0.55 U	18.0	91	70-125	
Dibromochloromethane	19.8	1.1 U	17.6	89	65-130	
1,1-Dichloroethane	19.8	0.55 U	19.4	98	75-125	
1,2-Dichloroethane	19.8	0.55 U	19.6	99	70-135	
1,1-Dichloroethene	19.8	1.1 U	22.3	113	65-135	
1,2-Dichloropropane	19.8	1.1 U	19.5	99	70-120	
Ethylbenzene	19.8	0.55 U	18.9	95	75-125	
2-Hexanone	39.5	2.0 J	31.6	75	45-145	
Methylene Chloride	19.8	1.1 U	22.2	112	55-140	
4-Methyl-2-pentanone (MIBK)	39.5	1.3 J	33.7	82	45-145	
Styrene	19.8	0.55 U	19.9	101	75-125	
1,1,2,2-Tetrachloroethane	19.8	0.55 U	17.9	91	55-130	
Tetrachloroethene	19.8	1.1 U	19.2	97	65-140	
Toluene	19.8	1.7 J	20.2	94	70-125	
trans-1,3-Dichloropropene	19.8	1.1 U	16.1	82	65-125	
1,1,1-Trichloroethane	19.8	1.1 U	20.2	102	70-135	
1,1,2-Trichloroethane	19.8	0.55 U	18.6	94	60-125	
Trichloroethene	19.8	0.55 U	19.5	99	75-125	
Vinyl chloride	19.8	0.55 U	18.2	92	60-125	
Xylenes, Total	59.3	1.7 U	58.5	99	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82447.D

Lab ID: 240-18544-1 MSD Client ID: 072SB-0063-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	37.1	37.3	101	40	30	75-125	J
Ethylbenzene	37.1	35.9	97	42	30	75-125	J
Methyl tert-butyl ether	37.1	34.4	93	42	30	70-130	J
Toluene	37.1	35.9	97	40	30	70-125	J
Xylenes, Total	111	108	97	40	30	75-125	J

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82474.D

Lab ID: 240-18544-7 MSD Client ID: 076SB-0090M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acetone	77.4	71.5	92	33	30	20-160	J
Benzene	38.7	40.0	103	26	30	75-125	
Bromochloromethane	38.7	38.1	98	29	30	70-125	
Bromodichloromethane	38.7	39.3	101	27	30	70-130	
Bromoform	38.7	31.2	81	28	30	55-135	
Bromomethane	38.7	31.9	82	19	30	30-160	
2-Butanone (MEK)	77.4	70.4	91	36	30	30-160	J
Carbon disulfide	38.7	41.6	107	24	30	45-160	
Carbon tetrachloride	38.7	42.1	109	25	30	65-135	
Chlorobenzene	38.7	38.4	99	26	30	75-125	
Chloroethane	38.7	36.5	94	23	30	40-155	
Chloroform	38.7	38.6	100	26	30	70-125	
Chloromethane	38.7	36.3	94	22	30	50-130	
cis-1,3-Dichloropropene	38.7	36.2	94	30	30	70-125	
Dibromochloromethane	38.7	37.0	96	28	30	65-130	
1,1-Dichloroethane	38.7	40.8	105	29	30	75-125	
1,2-Dichloroethane	38.7	39.5	102	30	30	70-135	
1,1-Dichloroethene	38.7	46.2	119	28	30	65-135	
1,2-Dichloropropane	38.7	39.7	103	28	30	70-120	
Ethylbenzene	38.7	40.5	105	26	30	75-125	
2-Hexanone	77.4	73.7	95	40	30	45-145	J
Methylene Chloride	38.7	40.9	106	30	30	55-140	
4-Methyl-2-pentanone (MIBK)	77.4	72.5	94	38	30	45-145	J
Styrene	38.7	40.0	103	23	30	75-125	
1,1,2,2-Tetrachloroethane	38.7	44.6	115	37	30	55-130	J
Tetrachloroethene	38.7	41.0	106	23	30	65-140	
Toluene	38.7	41.4	103	22	30	70-125	
trans-1,3-Dichloropropene	38.7	33.8	87	29	30	65-125	
1,1,1-Trichloroethane	38.7	41.2	106	25	30	70-135	
1,1,2-Trichloroethane	38.7	40.1	104	31	30	60-125	J
Trichloroethene	38.7	39.4	102	23	30	75-125	
Vinyl chloride	38.7	37.7	97	21	30	60-125	
Xylenes, Total	116	122	105	23	30	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82504.D

Lab ID: 240-18544-8 MSD Client ID: 076SB-0091M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acetone	66.6	63.8	96	1	30	20-160	
Benzene	33.3	35.7	107	8	30	75-125	
Bromochloromethane	33.3	32.4	97	6	30	70-125	
Bromodichloromethane	33.3	35.5	107	6	30	70-130	
Bromoform	33.3	27.6	83	3	30	55-135	
Bromomethane	33.3	28.0	84	12	30	30-160	
2-Butanone (MEK)	66.6	60.8	91	3	30	30-160	
Carbon disulfide	33.3	36.9	111	8	30	45-160	
Carbon tetrachloride	33.3	37.3	112	11	30	65-135	
Chlorobenzene	33.3	33.9	102	8	30	75-125	
Chloroethane	33.3	30.7	92	6	30	40-155	
Chloroform	33.3	34.2	103	7	30	70-125	
Chloromethane	33.3	32.1	96	11	30	50-130	
cis-1,3-Dichloropropene	33.3	33.5	101	11	30	70-125	
Dibromochloromethane	33.3	32.2	97	4	30	65-130	
1,1-Dichloroethane	33.3	35.7	107	8	30	75-125	
1,2-Dichloroethane	33.3	34.4	103	6	30	70-135	
1,1-Dichloroethene	33.3	39.6	119	5	30	65-135	
1,2-Dichloropropane	33.3	34.9	105	9	30	70-120	
Ethylbenzene	33.3	35.3	106	8	30	75-125	
2-Hexanone	66.6	61.9	93	1	30	45-145	
Methylene Chloride	33.3	34.2	98	7	30	55-140	
4-Methyl-2-pentanone (MIBK)	66.6	62.6	94	1	30	45-145	
Styrene	33.3	36.5	109	9	30	75-125	
1,1,2,2-Tetrachloroethane	33.3	32.9	99	1	30	55-130	
Tetrachloroethene	33.3	35.6	107	6	30	65-140	
Toluene	33.3	37.3	106	6	30	70-125	
trans-1,3-Dichloropropene	33.3	29.7	89	8	30	65-125	
1,1,1-Trichloroethane	33.3	36.1	108	7	30	70-135	
1,1,2-Trichloroethane	33.3	34.1	102	7	30	60-125	
Trichloroethene	33.3	35.5	106	10	30	75-125	
Vinyl chloride	33.3	33.5	100	10	30	60-125	
Xylenes, Total	99.9	107	107	9	30	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82507.D

Lab ID: 240-18544-19 MSD Client ID: 076SB-0100M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acetone	48.5	48.0	99	26	30	20-160	
Benzene	24.3	26.5	109	30	30	75-125	
Bromochloromethane	24.3	24.2	100	28	30	70-125	
Bromodichloromethane	24.3	26.6	110	28	30	70-130	
Bromoform	24.3	21.6	89	33	30	55-135	J
Bromomethane	24.3	21.1	87	31	30	30-160	J
2-Butanone (MEK)	48.5	44.9	92	28	30	30-160	
Carbon disulfide	24.3	27.4	113	30	30	45-160	
Carbon tetrachloride	24.3	28.0	115	30	30	65-135	
Chlorobenzene	24.3	26.0	107	33	30	75-125	J
Chloroethane	24.3	24.5	101	36	30	40-155	J
Chloroform	24.3	25.8	106	30	30	70-125	
Chloromethane	24.3	24.5	101	35	30	50-130	J
cis-1,3-Dichloropropene	24.3	25.2	104	33	30	70-125	J
Dibromochloromethane	24.3	24.6	101	33	30	65-130	J
1,1-Dichloroethane	24.3	26.8	110	32	30	75-125	J
1,2-Dichloroethane	24.3	25.8	106	27	30	70-135	
1,1-Dichloroethene	24.3	29.9	123	29	30	65-135	
1,2-Dichloropropane	24.3	26.2	108	29	30	70-120	
Ethylbenzene	24.3	27.0	111	35	30	75-125	J
2-Hexanone	48.5	44.4	87	34	30	45-145	J
Methylene Chloride	24.3	28.7	119	26	30	55-140	
4-Methyl-2-pentanone (MIBK)	48.5	45.5	91	30	30	45-145	
Styrene	24.3	28.3	117	35	30	75-125	J
1,1,2,2-Tetrachloroethane	24.3	25.3	104	34	30	55-130	J
Tetrachloroethene	24.3	26.5	109	32	30	65-140	J
Toluene	24.3	28.3	110	33	30	70-125	J
trans-1,3-Dichloropropene	24.3	22.2	92	32	30	65-125	J
1,1,1-Trichloroethane	24.3	27.5	113	31	30	70-135	J
1,1,2-Trichloroethane	24.3	25.4	105	31	30	60-125	J
Trichloroethene	24.3	25.8	106	28	30	75-125	
Vinyl chloride	24.3	25.9	107	35	30	60-125	J
Xylenes, Total	72.8	81.8	112	33	30	75-125	J

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: UX82428.D Lab Sample ID: MB 240-68663/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX8 Date Analyzed: 12/14/2012 00:35

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-68663/6	UX82427.D	12/14/2012 00:14
072SB-0063-0001-SO	240-18544-1	UX82445.D	12/14/2012 07:11
072SB-0063-0001-SO MS	240-18544-1 MS	UX82446.D	12/14/2012 07:32
072SB-0063-0001-SO MSD	240-18544-1 MSD	UX82447.D	12/14/2012 07:53

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: UX82468.D Lab Sample ID: MB 240-68830/15

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX8 Date Analyzed: 12/15/2012 01:54

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-68830/13	UX82466.D	12/15/2012 01:12
072SB-0065-0001-SO	240-18544-3	UX82471.D	12/15/2012 03:13
076SB-0090M-0001-SO	240-18544-7	UX82472.D	12/15/2012 03:34
076SB-0090M-0001-SO MS	240-18544-7 MS	UX82473.D	12/15/2012 03:55
076SB-0090M-0001-SO MSD	240-18544-7 MSD	UX82474.D	12/15/2012 04:16
076SB-0092-0001-SO	240-18544-10	UX82475.D	12/15/2012 04:38
076SB-0093-0001-SO	240-18544-11	UX82476.D	12/15/2012 04:59
076SB-0094-0001-SO	240-18544-12	UX82477.D	12/15/2012 05:20
076SB-0096-0001-SO	240-18544-14	UX82479.D	12/15/2012 06:03
076SB-0097-0001-SO	240-18544-15	UX82480.D	12/15/2012 06:24
076SB-0098-0001-SO	240-18544-16	UX82481.D	12/15/2012 06:45
076SB-0099-0001-SO	240-18544-17	UX82482.D	12/15/2012 07:06
076SB-0101M-0001-SO	240-18544-20	UX82483.D	12/15/2012 07:28
076SB-0102M-0001-SO	240-18544-21	UX82484.D	12/15/2012 07:49

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: UX82498.D Lab Sample ID: MB 240-68879/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX8 Date Analyzed: 12/15/2012 19:02

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-68879/6	UX82497.D	12/15/2012 18:40
076SB-0095-0001-SO	240-18544-13	UX82500.D	12/15/2012 19:56
076SB-0091M-0001-SO	240-18544-8	UX82502.D	12/15/2012 20:39
076SB-0091M-0001-SO MS	240-18544-8 MS	UX82503.D	12/15/2012 21:00
076SB-0091M-0001-SO MSD	240-18544-8 MSD	UX82504.D	12/15/2012 21:21
076SB-0100M-0001-SO	240-18544-19	UX82505.D	12/15/2012 21:42
076SB-0100M-0001-SO MS	240-18544-19 MS	UX82506.D	12/15/2012 22:04
076SB-0100M-0001-SO MSD	240-18544-19 MSD	UX82507.D	12/15/2012 22:25
076SB-0103M-0001-SO	240-18544-22	UX82508.D	12/15/2012 22:46
076SB-0104M-0001-SO	240-18544-23	UX82509.D	12/15/2012 23:07
076SB-0105M-0001-SO	240-18544-24	UX82510.D	12/15/2012 23:29
076SB-0106M-0001-SO	240-18544-25	UX82511.D	12/15/2012 23:50
076SB-0107M-0001-SO	240-18544-26	UX82512.D	12/16/2012 00:11
076SB-0108M-0001-SO	240-18544-27	UX82513.D	12/16/2012 00:33
076SB-0109M-0001-SO	240-18544-28	UX82514.D	12/16/2012 00:54
076SB-0110M-0001-SO	240-18544-29	UX82515.D	12/16/2012 01:15
076SB-0111M-0001-SO	240-18544-30	UX82516.D	12/16/2012 01:36
076SB-0112M-0001-SO	240-18544-31	UX82517.D	12/16/2012 01:57
076SB-0113M-0001-SO	240-18544-32	UX82518.D	12/16/2012 02:19
076SB-0114M-0001-SO	240-18544-33	UX82519.D	12/16/2012 02:40
076SB-0115M-0001-SO	240-18544-34	UX82520.D	12/16/2012 03:01
072SB-0064-0001-SO	240-18544-2	UX82522.D	12/16/2012 03:44
072SB-0066-0001-SO	240-18544-4	UX82523.D	12/16/2012 04:05

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: UX82531.D Lab Sample ID: MB 240-68905/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX8 Date Analyzed: 12/17/2012 01:09

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-68905/6	UX82530.D	12/17/2012 00:47
072SB-0067-0001-SO	240-18544-5	UX82535.D	12/17/2012 02:46
072SB-0068-0001-SO	240-18544-6	UX82536.D	12/17/2012 03:07
076SB-0078-0001-SO	240-18544-18	UX82537.D	12/17/2012 03:28

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: UXJ8972.D Lab Sample ID: MB 240-68395/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A3UX11 Date Analyzed: 12/12/2012 14:01

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-68395/5	UXJ8970.D	12/12/2012 13:15
072SB-0069-0001-TB	240-18544-9	UXJ8982.D	12/12/2012 17:48
076SB-0116-0001-TB	240-18544-35	UXJ8983.D	12/12/2012 18:11
076SB-0117-0001-TB	240-18544-36	UXJ8984.D	12/12/2012 18:34
076SB-0118-0001-TB	240-18544-37	UXJ8985.D	12/12/2012 18:56

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: BFB030F.D BFB Injection Date: 12/11/2012

Instrument ID: A3UX11 BFB Injection Time: 11:08

Analysis Batch No.: 68124

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.2	
75	30.0 - 60.0 % of mass 95	49.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	82.8	
175	5.0 - 9.0 % of mass 174	7.4	(8.9)1
176	95.0 - 101.0 % of mass 174	80.0	(96.7)1
177	5.0 - 9.0 % of mass 176	5.4	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-68124/2	UXJ8935.D	12/11/2012	11:39
	STD8260 240-68124/3	UXJ8936.D	12/11/2012	12:01
	STD8260 240-68124/4	UXJ8937.D	12/11/2012	12:24
	STD8260 240-68124/5	UXJ8938.D	12/11/2012	12:47
	STD8260 240-68124/6	UXJ8939.D	12/11/2012	13:09
	STD8260 240-68124/7	UXJ8940.D	12/11/2012	13:32
	ICV 240-68124/14	UXJ8947.D	12/11/2012	16:10

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: BFB031C.D BFB Injection Date: 12/12/2012

Instrument ID: A3UX11 BFB Injection Time: 10:59

Analysis Batch No.: 68395

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.1	
75	30.0 - 60.0 % of mass 95	50.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	86.8	
175	5.0 - 9.0 % of mass 174	7.6	(8.8)1
176	95.0 - 101.0 % of mass 174	83.8	(96.6)1
177	5.0 - 9.0 % of mass 176	5.6	(6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-68395/3	UXJ8967.D	12/12/2012	12:07
	CCV 240-68395/2	UXJ8968.D	12/12/2012	12:30
	MRL 240-68395/4	UXJ8969.D	12/12/2012	12:52
	LCS 240-68395/5	UXJ8970.D	12/12/2012	13:15
	MB 240-68395/6	UXJ8972.D	12/12/2012	14:01
072SB-0069-0001-TB	240-18544-9	UXJ8982.D	12/12/2012	17:48
076SB-0116-0001-TB	240-18544-35	UXJ8983.D	12/12/2012	18:11
076SB-0117-0001-TB	240-18544-36	UXJ8984.D	12/12/2012	18:34
076SB-0118-0001-TB	240-18544-37	UXJ8985.D	12/12/2012	18:56
	MRL 240-68395/22	UXJ8988.D	12/12/2012	20:04

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: BFB8148.D BFB Injection Date: 12/11/2012

Instrument ID: A3UX8 BFB Injection Time: 03:04

Analysis Batch No.: 68080

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	31.0	
75	30.0 - 60.0 % of mass 95	49.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.4	(0.5)1
174	50.0 - 120.00 % of mass 95	82.2	
175	5.0 - 9.0 % of mass 174	6.0	(7.3)1
176	95.0 - 101.0 % of mass 174	79.1	(96.2)1
177	5.0 - 9.0 % of mass 176	5.2	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-68080/3	UX82336.D	12/11/2012	03:47
	STD8260 240-68080/4	UX82337.D	12/11/2012	04:08
	STD8260 240-68080/5	UX82338.D	12/11/2012	04:29
	ICIS 240-68080/6	UX82339.D	12/11/2012	04:51
	STD8260 240-68080/7	UX82340.D	12/11/2012	05:12
	STD8260 240-68080/8	UX82341.D	12/11/2012	05:33
	STD8260 240-68080/9	UX82342.D	12/11/2012	05:54
	STD8260 240-68080/10	UX82343.D	12/11/2012	06:15
	ICV 240-68080/18	UX82351.D	12/11/2012	09:05

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: BFB8152.D BFB Injection Date: 12/13/2012

Instrument ID: A3UX8 BFB Injection Time: 22:28

Analysis Batch No.: 68663

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	28.9	
75	30.0 - 60.0 % of mass 95	48.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	86.0	
175	5.0 - 9.0 % of mass 174	6.4	(7.5)1
176	95.0 - 101.0 % of mass 174	84.2	(98.0)1
177	5.0 - 9.0 % of mass 176	5.4	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-68663/3	UX82424.D	12/13/2012	23:10
	CCV 240-68663/4	UX82425.D	12/13/2012	23:32
	MRL 240-68663/5	UX82426.D	12/13/2012	23:53
	LCS 240-68663/6	UX82427.D	12/14/2012	00:14
	MB 240-68663/7	UX82428.D	12/14/2012	00:35
072SB-0063-0001-SO	240-18544-1	UX82445.D	12/14/2012	07:11
072SB-0063-0001-SO MS	240-18544-1 MS	UX82446.D	12/14/2012	07:32
072SB-0063-0001-SO MSD	240-18544-1 MSD	UX82447.D	12/14/2012	07:53
	MRL 240-68663/32	UX82453.D	12/14/2012	10:01

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: BFB8153.D BFB Injection Date: 12/14/2012

Instrument ID: A3UX8 BFB Injection Time: 20:55

Analysis Batch No.: 68830

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	27.8	
75	30.0 - 60.0 % of mass 95	47.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.3	(0.3)1
174	50.0 - 120.00 % of mass 95	89.2	
175	5.0 - 9.0 % of mass 174	6.7	(7.5)1
176	95.0 - 101.0 % of mass 174	86.2	(96.6)1
177	5.0 - 9.0 % of mass 176	5.5	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-68830/3	UX82456.D	12/14/2012	21:39
	STD8260 240-68830/4	UX82457.D	12/14/2012	22:01
	STD8260 240-68830/5	UX82458.D	12/14/2012	22:22
	ICIS 240-68830/6	UX82459.D	12/14/2012	22:43
	STD8260 240-68830/7	UX82460.D	12/14/2012	23:04
	STD8260 240-68830/8	UX82461.D	12/14/2012	23:26
	STD8260 240-68830/9	UX82462.D	12/14/2012	23:47
	STD8260 240-68830/10	UX82463.D	12/15/2012	00:08
	CCV 240-68830/11	UX82464.D	12/15/2012	00:29
	ICV 240-68830/12	UX82465.D	12/15/2012	00:50
	LCS 240-68830/13	UX82466.D	12/15/2012	01:12
	MRL 240-68830/14	UX82467.D	12/15/2012	01:33
	MB 240-68830/15	UX82468.D	12/15/2012	01:54
072SB-0065-0001-SO	240-18544-3	UX82471.D	12/15/2012	03:13
076SB-0090M-0001-SO	240-18544-7	UX82472.D	12/15/2012	03:34
076SB-0090M-0001-SO MS	240-18544-7 MS	UX82473.D	12/15/2012	03:55
076SB-0090M-0001-SO MSD	240-18544-7 MSD	UX82474.D	12/15/2012	04:16
076SB-0092-0001-SO	240-18544-10	UX82475.D	12/15/2012	04:38
076SB-0093-0001-SO	240-18544-11	UX82476.D	12/15/2012	04:59
076SB-0094-0001-SO	240-18544-12	UX82477.D	12/15/2012	05:20
076SB-0096-0001-SO	240-18544-14	UX82479.D	12/15/2012	06:03
076SB-0097-0001-SO	240-18544-15	UX82480.D	12/15/2012	06:24
076SB-0098-0001-SO	240-18544-16	UX82481.D	12/15/2012	06:45
076SB-0099-0001-SO	240-18544-17	UX82482.D	12/15/2012	07:06
076SB-0101M-0001-SO	240-18544-20	UX82483.D	12/15/2012	07:28
076SB-0102M-0001-SO	240-18544-21	UX82484.D	12/15/2012	07:49
	MRL 240-68830/33	UX82486.D	12/15/2012	08:31

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: BFB8155.D BFB Injection Date: 12/15/2012

Instrument ID: A3UX8 BFB Injection Time: 16:52

Analysis Batch No.: 68879

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	28.9	
75	30.0 - 60.0 % of mass 95	47.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.0	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	88.1	
175	5.0 - 9.0 % of mass 174	6.4	(7.2)1
176	95.0 - 101.0 % of mass 174	85.6	(97.1)1
177	5.0 - 9.0 % of mass 176	5.4	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-68879/3	UX82494.D	12/15/2012	17:36
	CCV 240-68879/4	UX82495.D	12/15/2012	17:58
	MRL 240-68879/5	UX82496.D	12/15/2012	18:19
	LCS 240-68879/6	UX82497.D	12/15/2012	18:40
	MB 240-68879/7	UX82498.D	12/15/2012	19:02
076SB-0095-0001-SO	240-18544-13	UX82500.D	12/15/2012	19:56
076SB-0091M-0001-SO	240-18544-8	UX82502.D	12/15/2012	20:39
076SB-0091M-0001-SO MS	240-18544-8 MS	UX82503.D	12/15/2012	21:00
076SB-0091M-0001-SO MSD	240-18544-8 MSD	UX82504.D	12/15/2012	21:21
076SB-0100M-0001-SO	240-18544-19	UX82505.D	12/15/2012	21:42
076SB-0100M-0001-SO MS	240-18544-19 MS	UX82506.D	12/15/2012	22:04
076SB-0100M-0001-SO MSD	240-18544-19 MSD	UX82507.D	12/15/2012	22:25
076SB-0103M-0001-SO	240-18544-22	UX82508.D	12/15/2012	22:46
076SB-0104M-0001-SO	240-18544-23	UX82509.D	12/15/2012	23:07
076SB-0105M-0001-SO	240-18544-24	UX82510.D	12/15/2012	23:29
076SB-0106M-0001-SO	240-18544-25	UX82511.D	12/15/2012	23:50
076SB-0107M-0001-SO	240-18544-26	UX82512.D	12/16/2012	00:11
076SB-0108M-0001-SO	240-18544-27	UX82513.D	12/16/2012	00:33
076SB-0109M-0001-SO	240-18544-28	UX82514.D	12/16/2012	00:54
076SB-0110M-0001-SO	240-18544-29	UX82515.D	12/16/2012	01:15
076SB-0111M-0001-SO	240-18544-30	UX82516.D	12/16/2012	01:36
076SB-0112M-0001-SO	240-18544-31	UX82517.D	12/16/2012	01:57
076SB-0113M-0001-SO	240-18544-32	UX82518.D	12/16/2012	02:19
076SB-0114M-0001-SO	240-18544-33	UX82519.D	12/16/2012	02:40
076SB-0115M-0001-SO	240-18544-34	UX82520.D	12/16/2012	03:01
072SB-0064-0001-SO	240-18544-2	UX82522.D	12/16/2012	03:44
072SB-0066-0001-SO	240-18544-4	UX82523.D	12/16/2012	04:05
	MRL 240-68879/33	UX82524.D	12/16/2012	04:26

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: BFB8156.D BFB Injection Date: 12/16/2012

Instrument ID: A3UX8 BFB Injection Time: 22:59

Analysis Batch No.: 68905

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	29.1	
75	30.0 - 60.0 % of mass 95	48.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	86.8	
175	5.0 - 9.0 % of mass 174	6.5	(7.4)1
176	95.0 - 101.0 % of mass 174	83.3	(96.0)1
177	5.0 - 9.0 % of mass 176	5.4	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-68905/3	UX82527.D	12/16/2012	23:43
	CCV 240-68905/4	UX82528.D	12/17/2012	00:05
	MRL 240-68905/5	UX82529.D	12/17/2012	00:26
	LCS 240-68905/6	UX82530.D	12/17/2012	00:47
	MB 240-68905/7	UX82531.D	12/17/2012	01:09
072SB-0067-0001-SO	240-18544-5	UX82535.D	12/17/2012	02:46
072SB-0068-0001-SO	240-18544-6	UX82536.D	12/17/2012	03:07
076SB-0078-0001-SO	240-18544-18	UX82537.D	12/17/2012	03:28
	MRL 240-68905/33	UX82557.D	12/17/2012	10:34

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: STD8260 240-68124/4 Date Analyzed: 12/11/2012 12:24

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXJ8937.D Heated Purge: (Y/N) N

Calibration ID: 12758

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1292131	5.12	796303	7.79	287233	10.03
UPPER LIMIT		2584262	5.62	1592606	8.29	574466	10.53
LOWER LIMIT		646066	4.62	398152	7.29	143617	9.53
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-68124/14		1322071	5.12	827987	7.79	310940	10.03
CCV 240-68395/3		1202260	5.12	712711	7.79	229738	10.03
CCV 240-68395/2		1201872	5.12	719895	7.79	225710	10.03
MRL 240-68395/4		1186761	5.12	701213	7.79	221540	10.03
LCS 240-68395/5		1172725	5.12	702363	7.79	234724	10.03
MB 240-68395/6		1177245	5.12	682350	7.79	221257	10.03
240-18544-9	072SB-0069-0001-TB	1187435	5.12	699471	7.79	216954	10.03
240-18544-35	076SB-0116-0001-TB	1214561	5.12	691069	7.79	220290	10.03
240-18544-36	076SB-0117-0001-TB	1196175	5.12	702535	7.79	225721	10.03
240-18544-37	076SB-0118-0001-TB	1185463	5.12	708613	7.79	216990	10.03
MRL 240-68395/22		1190201	5.12	700937	7.79	220640	10.03

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B/DOD

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: ICIS 240-68080/6 Date Analyzed: 12/11/2012 04:51

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UX82339.D Heated Purge: (Y/N) Y

Calibration ID: 12748

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1702622	5.16	1195615	7.68	585337	9.88
UPPER LIMIT		3405244	5.66	2391230	8.18	1170674	10.38
LOWER LIMIT		851311	4.66	597808	7.18	292669	9.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-68080/18		1689052	5.15	1199322	7.68	581177	9.88
CCV 240-68663/3		1811164	5.15	1306960	7.68	625141	9.88
CCV 240-68663/4		1760137	5.16	1239900	7.69	588053	9.87
MRL 240-68663/5		1659360	5.15	1172373	7.68	595154	9.88
LCS 240-68663/6		1815428	5.16	1273607	7.68	607486	9.88
MB 240-68663/7		1754879	5.16	1248444	7.69	608467	9.88
240-18544-1	072SB-0063-0001-SO	1695301	5.16	1155291	7.68	524602	9.88
240-18544-1 MS	072SB-0063-0001-SO MS	1764646	5.16	1219412	7.68	566973	9.88
240-18544-1 MSD	072SB-0063-0001-SO MSD	1855334	5.16	1282915	7.69	590356	9.88
MRL 240-68663/32		1820681	5.16	1313849	7.68	683014	9.88

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B/DOD

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: ICIS 240-68830/6 Date Analyzed: 12/14/2012 22:43

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UX82459.D Heated Purge: (Y/N) Y

Calibration ID: 12843

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1564357	5.16	1179556	7.68	601402	9.88
UPPER LIMIT		3128714	5.66	2359112	8.18	1202804	10.38
LOWER LIMIT		782179	4.66	589778	7.18	300701	9.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-68830/11		1652784	5.15	1180293	7.68	566045	9.88
ICV 240-68830/12		1642552	5.16	1158331	7.68	577663	9.88
LCS 240-68830/13		1667624	5.16	1184310	7.69	607374	9.88
MRL 240-68830/14		1666264	5.16	1197838	7.69	610881	9.88
MB 240-68830/15		1605033	5.15	1135290	7.68	557372	9.88
240-18544-3	072SB-0065-0001-SO	1632163	5.16	1174085	7.69	583726	9.88
240-18544-7	076SB-0090M-0001-SO	1553892	5.16	1044432	7.69	375938	9.88
240-18544-7 MS	076SB-0090M-0001-SO MS	1650424	5.16	1094527	7.69	491493	9.88
240-18544-7 MSD	076SB-0090M-0001-SO MSD	1655383	5.16	1104806	7.68	445406	9.88
240-18544-10	076SB-0092-0001-SO	1640917	5.16	1215228	7.69	613691	9.87
240-18544-11	076SB-0093-0001-SO	1641653	5.16	1178282	7.68	595976	9.88
240-18544-12	076SB-0094-0001-SO	1690422	5.16	1157642	7.69	519692	9.88
240-18544-14	076SB-0096-0001-SO	1709353	5.16	1198221	7.69	584944	9.88
240-18544-15	076SB-0097-0001-SO	1634927	5.16	1168146	7.68	576615	9.88
240-18544-16	076SB-0098-0001-SO	1605794	5.16	1094471	7.69	462039	9.88
240-18544-17	076SB-0099-0001-SO	1524592	5.16	984831	7.69	374062	9.88
240-18544-20	076SB-0101M-0001-SO	1566506	5.16	1044433	7.69	459332	9.88
240-18544-21	076SB-0102M-0001-SO	1537783	5.16	1084561	7.69	468005	9.88
MRL 240-68830/33		1568938	5.16	1106348	7.68	547185	9.88
CCV 240-68879/3		1581713	5.16	1154408	7.69	602285	9.88
CCV 240-68879/4		1555877	5.15	1115551	7.68	588224	9.88
MRL 240-68879/5		1508888	5.16	1125990	7.69	577362	9.88
LCS 240-68879/6		1544787	5.16	1119401	7.69	552203	9.88
MB 240-68879/7		1538232	5.16	1100464	7.68	560099	9.88
240-18544-13	076SB-0095-0001-SO	1537791	5.15	1098979	7.68	483260	9.88
240-18544-8	076SB-0091M-0001-SO	1517693	5.16	1045813	7.68	492689	9.88
240-18544-8 MS	076SB-0091M-0001-SO MS	1632706	5.16	1131723	7.69	527699	9.88

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B/DOD

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: ICIS 240-68830/6 Date Analyzed: 12/14/2012 22:43

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UX82459.D Heated Purge: (Y/N) Y

Calibration ID: 12843

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1564357	5.16	1179556	7.68	601402	9.88
UPPER LIMIT		3128714	5.66	2359112	8.18	1202804	10.38
LOWER LIMIT		782179	4.66	589778	7.18	300701	9.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
240-18544-8 MSD	076SB-0091M-0001-SO MSD	1600075	5.16	1145651	7.69	549743	9.88
240-18544-19	076SB-0100M-0001-SO	1554844	5.16	1095187	7.68	517339	9.88
240-18544-19 MS	076SB-0100M-0001-SO MS	1577528	5.16	1126763	7.69	557409	9.88
240-18544-19 MSD	076SB-0100M-0001-SO MSD	1517347	5.16	1079041	7.69	526982	9.88
240-18544-22	076SB-0103M-0001-SO	1580697	5.16	1118254	7.69	550318	9.88
240-18544-23	076SB-0104M-0001-SO	1560416	5.15	1121187	7.68	534372	9.88
240-18544-24	076SB-0105M-0001-SO	1557076	5.15	1116682	7.68	534205	9.88
240-18544-25	076SB-0106M-0001-SO	1601509	5.16	1148068	7.69	560279	9.88
240-18544-26	076SB-0107M-0001-SO	1580931	5.15	1100251	7.69	502457	9.87
240-18544-27	076SB-0108M-0001-SO	1557159	5.16	1095145	7.69	518608	9.88
240-18544-28	076SB-0109M-0001-SO	1585313	5.16	1123151	7.69	531339	9.87
240-18544-29	076SB-0110M-0001-SO	1560732	5.16	1150303	7.69	560482	9.88
240-18544-30	076SB-0111M-0001-SO	1557281	5.16	1145527	7.69	562979	9.88
240-18544-31	076SB-0112M-0001-SO	1540861	5.16	1102504	7.69	538242	9.88
240-18544-32	076SB-0113M-0001-SO	1496601	5.16	1019009	7.69	423355	9.88
240-18544-33	076SB-0114M-0001-SO	1540486	5.16	1072426	7.69	515462	9.88
240-18544-34	076SB-0115M-0001-SO	1535465	5.16	1061020	7.69	478793	9.88
240-18544-2	072SB-0064-0001-SO	1538269	5.16	1041384	7.68	453334	9.88
240-18544-4	072SB-0066-0001-SO	1553880	5.16	1167701	7.69	584201	9.88
MRL 240-68879/33		1565608	5.16	1087009	7.69	543459	9.87
CCV 240-68905/3		1560381	5.16	1096053	7.69	556088	9.88
CCV 240-68905/4		1516784	5.16	1096917	7.69	551156	9.87
MRL 240-68905/5		1451421	5.16	1066117	7.69	535446	9.88
LCS 240-68905/6		1491884	5.16	1048746	7.68	523431	9.88
MB 240-68905/7		1459184	5.16	1083214	7.69	538622	9.88
240-18544-5	072SB-0067-0001-SO	1530525	5.16	1108159	7.68	587818	9.88
240-18544-6	072SB-0068-0001-SO	1557400	5.16	1102688	7.69	561717	9.88

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B/DOD

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: ICIS 240-68830/6 Date Analyzed: 12/14/2012 22:43

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UX82459.D Heated Purge: (Y/N) Y

Calibration ID: 12843

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1564357	5.16	1179556	7.68	601402	9.88
UPPER LIMIT		3128714	5.66	2359112	8.18	1202804	10.38
LOWER LIMIT		782179	4.66	589778	7.18	300701	9.38
LAB SAMPLE ID	CLIENT SAMPLE ID						
240-18544-18	076SB-0078-0001-SO	1539105	5.16	1116743	7.69	554863	9.87
MRL 240-68905/33		1488713	5.16	1068309	7.69	549866	9.88

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B/DOD

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO Lab Sample ID: 240-18544-1

Matrix: Solid Lab File ID: UX82445.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 09:22

Sample wt/vol: 4.824(g) Date Analyzed: 12/14/2012 07:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.2 Level: (low/med) Low

Analysis Batch No.: 68663 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.58	U J	5.8	0.58	0.27
100-41-4	Ethylbenzene	0.58	U J	5.8	0.58	0.30
1634-04-4	Methyl tert-butyl ether	0.58	U J	5.8	0.58	0.50
108-88-3	Toluene	0.58	U J	5.8	0.58	0.32
1330-20-7	Xylenes, Total	1.8	U J	12	1.8	0.78

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	85		85-120
1868-53-7	Dibromofluoromethane (Surr)	92		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		61-130
2037-26-5	Toluene-d8 (Surr)	98		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82445.D
Lims ID: 240-18544-D-1-A Client ID: 072SB-0063-0001-SO
Inject. Date: 14-Dec-2012 07:11:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015834-024
Misc. Info.: M21213A,8260SUX8,,402279 =M21213A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 23
Lims Batch ID: 68663 Lims Sample ID: 24
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\8260_8.m
Last Update: 18-Dec-2012 01:32:10 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 14-Dec-2012 22:59:56

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.158	5.155	0.003	100	1695301	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.686	-0.008	90	1155291	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.874	0.004	99	524602	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.625	0.001	58	430798	46.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.885	0.001	92	543803	44.4	
$ 7 Toluene-d8 (Surr)	98	6.424	6.423	0.001	95	1579592	49.0	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.753	0.001	91	487612	42.4	
138 Butyl Methacrylate TIC	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
135 1,4-Dichlorobutane	1		0.000					
12 Dichlorodifluoromethane	85		1.573					
13 Chloromethane	50		1.750					
14 Vinyl chloride	62		1.869					
15 Bromomethane	94		2.176					
16 Chloroethane	64		2.271					
17 Dichlorofluoromethane	67		2.446					
18 Trichlorofluoromethane	101		2.508					
19 Ethyl ether	59		2.742					9
20 Acrolein	56		2.839					
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96		2.922					
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.945					
22 Acetone	43		2.957					
24 Iodomethane	142		3.052					
26 Carbon disulfide	76		3.111					
27 Acetonitrile	41		3.170					
29 3-Chloro-1-propene	76		3.215					
28 Methyl acetate	43		3.217					
30 Methylene Chloride	84	3.301	3.300	0.001	86	42538	2.70	
31 2-Methyl-2-propanol	59		3.371					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
32 Acrylonitrile	53		3.477					
34 Methyl tert-butyl ether	73		3.513					
33 trans-1,2-Dichloroethene	96		3.513					
35 Hexane	86		3.726					
36 1,1-Dichloroethane	63		3.832					
37 Vinyl acetate	86		3.856					
38 Isopropyl ether	87		3.877					
39 2-Chloro-1,3-butadiene	53		3.913					
40 Tert-butyl ethyl ether	59		4.149					9
41 2-Butanone (MEK)	43		4.270					9
42 cis-1,2-Dichloroethene	96		4.270					
43 2,2-Dichloropropane	77		4.282					
45 Ethyl acetate	43		4.303					9
44 Propionitrile	54		4.303					
46 Methacrylonitrile	41		4.433					9
47 Chlorobromomethane	128		4.447					
48 Tetrahydrofuran	42		4.495					
49 Chloroform	83		4.507					
50 1,1,1-Trichloroethane	97		4.660					
51 Cyclohexane	56		4.719					
52 1,1-Dichloropropene	75		4.790					
53 Carbon tetrachloride	117		4.802					
54 Isobutyl alcohol	41		4.812					
56 1,2-Dichloroethane	62		4.944					
55 Benzene	78		4.944					
57 Tert-amyl methyl ether	73		5.013					
58 n-Heptane	100		5.131					
59 n-Butanol	56		5.320					
60 Trichloroethene	130		5.441					
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83		5.607					
62 1,2-Dichloropropane	63		5.618					
64 Methyl methacrylate	41		5.675					
65 Dibromomethane	93		5.713					
66 1,4-Dioxane	88		5.713					
67 Dichlorobromomethane	83		5.820					
68 2-Nitropropane	41		5.995					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75		6.186					
71 4-Methyl-2-pentanone (MIBK)	43		6.304					9
72 Toluene	91		6.482					9
73 trans-1,3-Dichloropropene	75		6.636					
74 Ethyl methacrylate	69		6.707					
75 1,1,2-Trichloroethane	97		6.801					
76 1,3-Dichloropropane	76		6.955					
77 Tetrachloroethene	164		6.955					
78 2-Hexanone	43		7.002					
132 n-Butyl acetate	43		7.107					
79 Chlorodibromomethane	129		7.156					
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107		7.274					
81 1-Chlorohexane	91		7.663					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Chlorobenzene	112		7.712					
83 1,1,1,2-Tetrachloroethane	131		7.771					
84 Ethylbenzene	106		7.795					
10 m-Xylene & p-Xylene	106		7.901					9
85 o-Xylene	106		8.268					
86 Styrene	104		8.280					
87 Bromoform	173		8.457					
88 Isopropylbenzene	105		8.611					
89 Cyclohexanone	55		8.703					9
90 1,1,2,2-Tetrachloroethane	83		8.871					
91 Bromobenzene	156		8.907					
92 1,2,3-Trichloropropane	110		8.930					
93 trans-1,4-Dichloro-2-butene	53		8.930					
94 N-Propylbenzene	120		9.001					
95 2-Chlorotoluene	126		9.096					
96 1,3,5-Trimethylbenzene	105		9.167					
104 4-Chlorotoluene	126		9.191					
97 tert-Butylbenzene	119		9.486					
98 1,2,4-Trimethylbenzene	105		9.534					
99 sec-Butylbenzene	105		9.699					
100 1,3-Dichlorobenzene	146		9.818					9
101 4-Isopropyltoluene	119		9.841					
102 1,4-Dichlorobenzene	146		9.900					9
103 1,2,3-Trimethylbenzene	105		9.945					9
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91		10.232					9
106 1,2-Dichlorobenzene	146		10.267					
107 1,2-Dibromo-3-Chloropropane	157		11.024					
108 1,3,5-Trichlorobenzene	180		11.249					
109 1,2,4-Trichlorobenzene	180		11.852					
110 Hexachlorobutadiene	225		12.029					
111 Naphthalene	128		12.100					
112 1,2,3-Trichlorobenzene	180		12.361					
113 2-Methylnaphthalene	142		13.423					
S 136 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106		16.530					
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

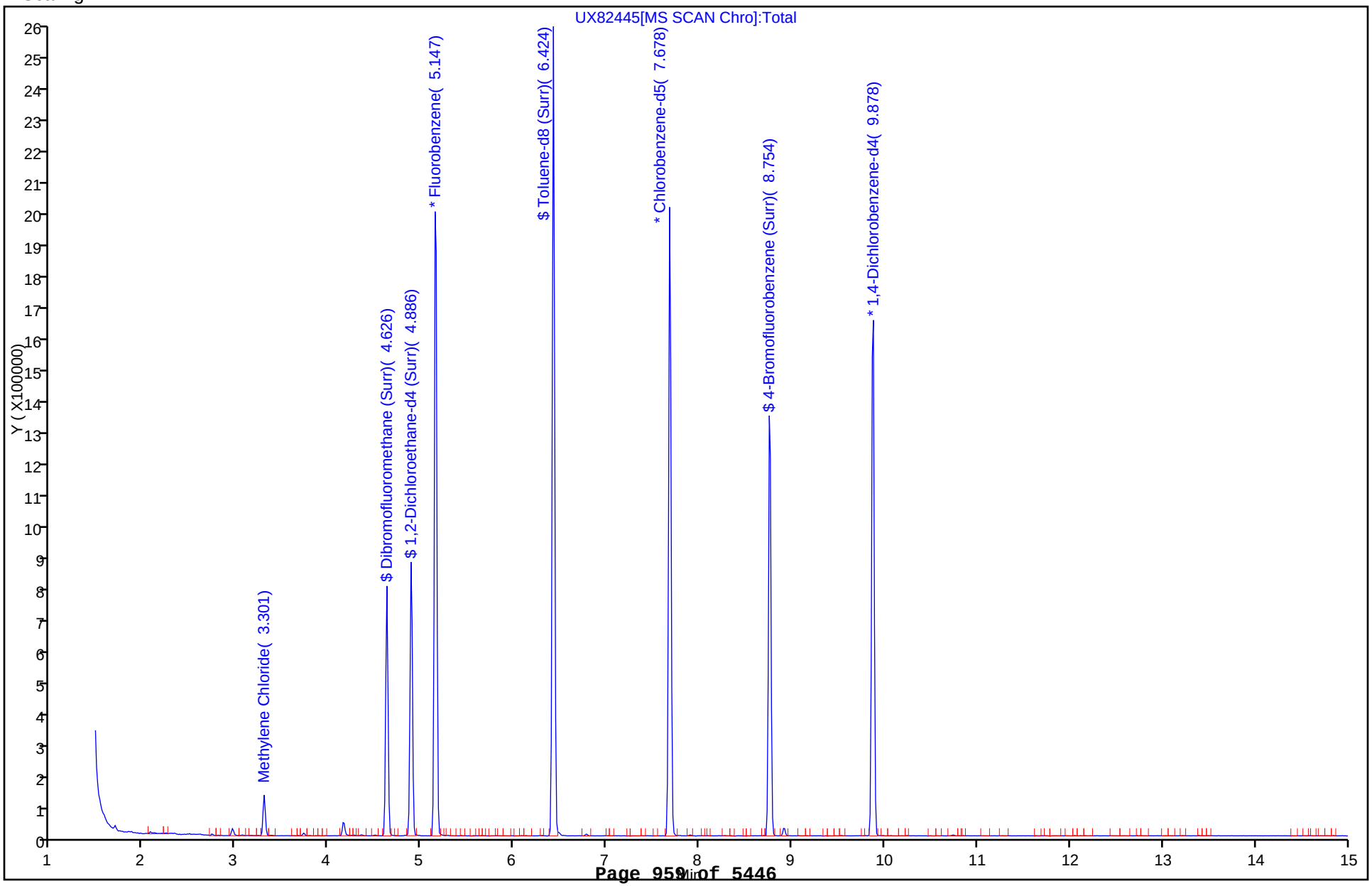
Report Date: 18-Dec-2012 01:32:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82445.D

Injection Date:	14-Dec-2012 07:11:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0063-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68663	Lims Sample ID:	24
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0064-0001-SO | Lab Sample ID: 240-18544-2

Matrix: Solid | Lab File ID: UX82522.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 09:22

Sample wt/vol: 6.605(g) | Date Analyzed: 12/16/2012 03:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.3 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.42	U	4.2	0.42	0.19
100-41-4	Ethylbenzene	0.42	U	4.2	0.42	0.22
1634-04-4	Methyl tert-butyl ether	0.42	U	4.2	0.42	0.36
108-88-3	Toluene	0.94	J	4.2	0.42	0.23
1330-20-7	Xylenes, Total	1.3	U	8.4	1.3	0.57

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	84	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	90		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		61-130
2037-26-5	Toluene-d8 (Surr)	94		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82522.D
Lims ID: 240-18544-C-2-A
Client ID: 072SB-0064-0001-SO
Inject. Date: 16-Dec-2012 03:44:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-031
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279
Instrument ID: A3UX8
Purge Vol: 5.000 mL
ALS Bottle#: 30
Lims Batch ID: 68879
Lims Sample ID: 31
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20
Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: DB-624
Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat
Date: 17-Dec-2012 00:15:28

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.158	5.147	0.011	99	1538269	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.678	0.0	90	1041384	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	99	453334	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.624	0.002	58	350505	44.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.884	0.002	93	434119	44.4	
$ 7 Toluene-d8 (Surr)	98	6.424	6.421	0.003	95	1238863	47.1	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.763	-0.009	91	389550	41.9	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78		4.943					
72 Toluene	91	6.483	6.481	0.002	76	28774	1.12	
84 Ethylbenzene	106		7.794					9
10 m-Xylene & p-Xylene	106		7.900					9
85 o-Xylene	106		8.267					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

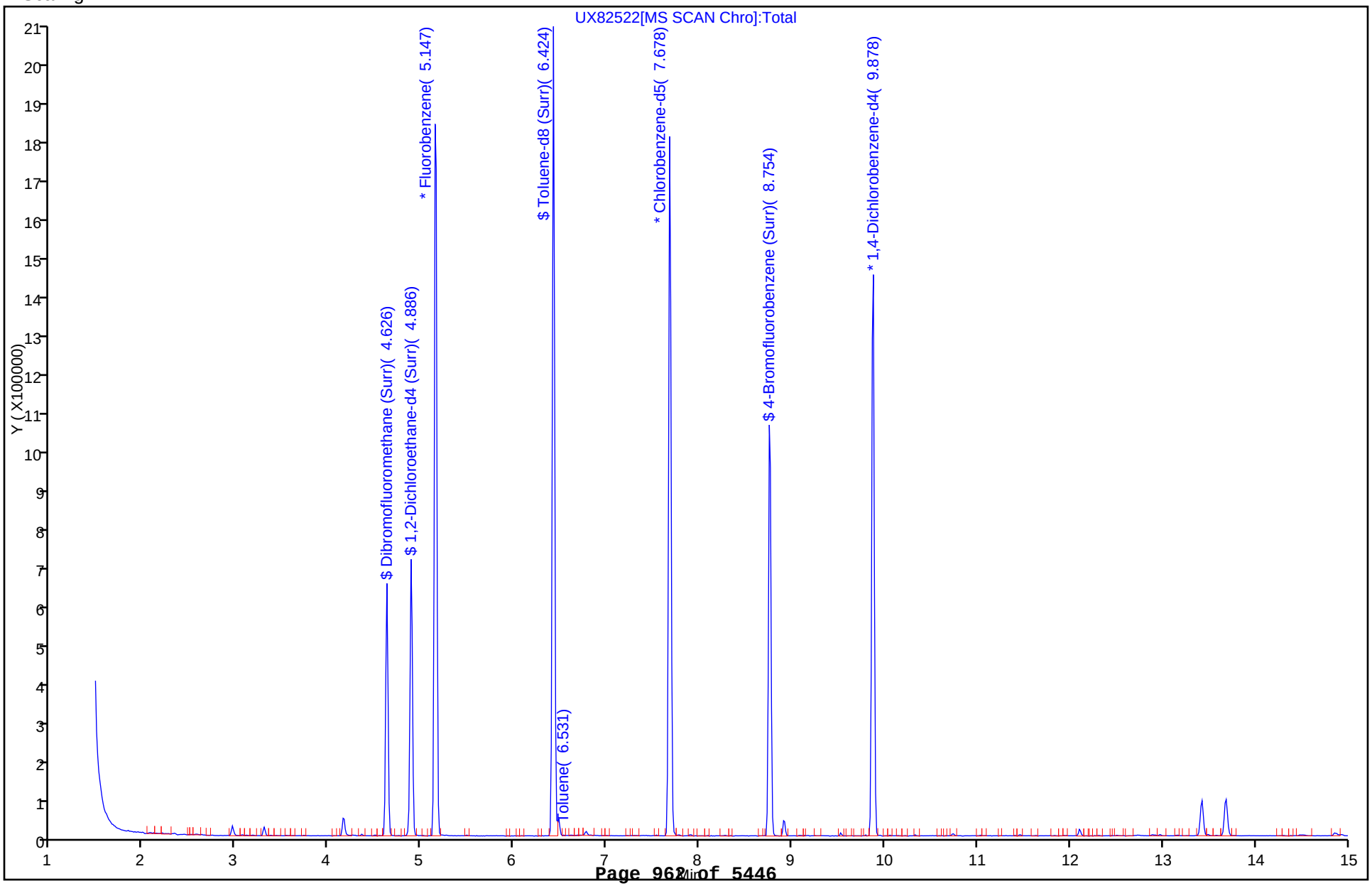
Report Date: 19-Dec-2012 02:39:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82522.D

Injection Date:	16-Dec-2012 03:44:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0064-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	31
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



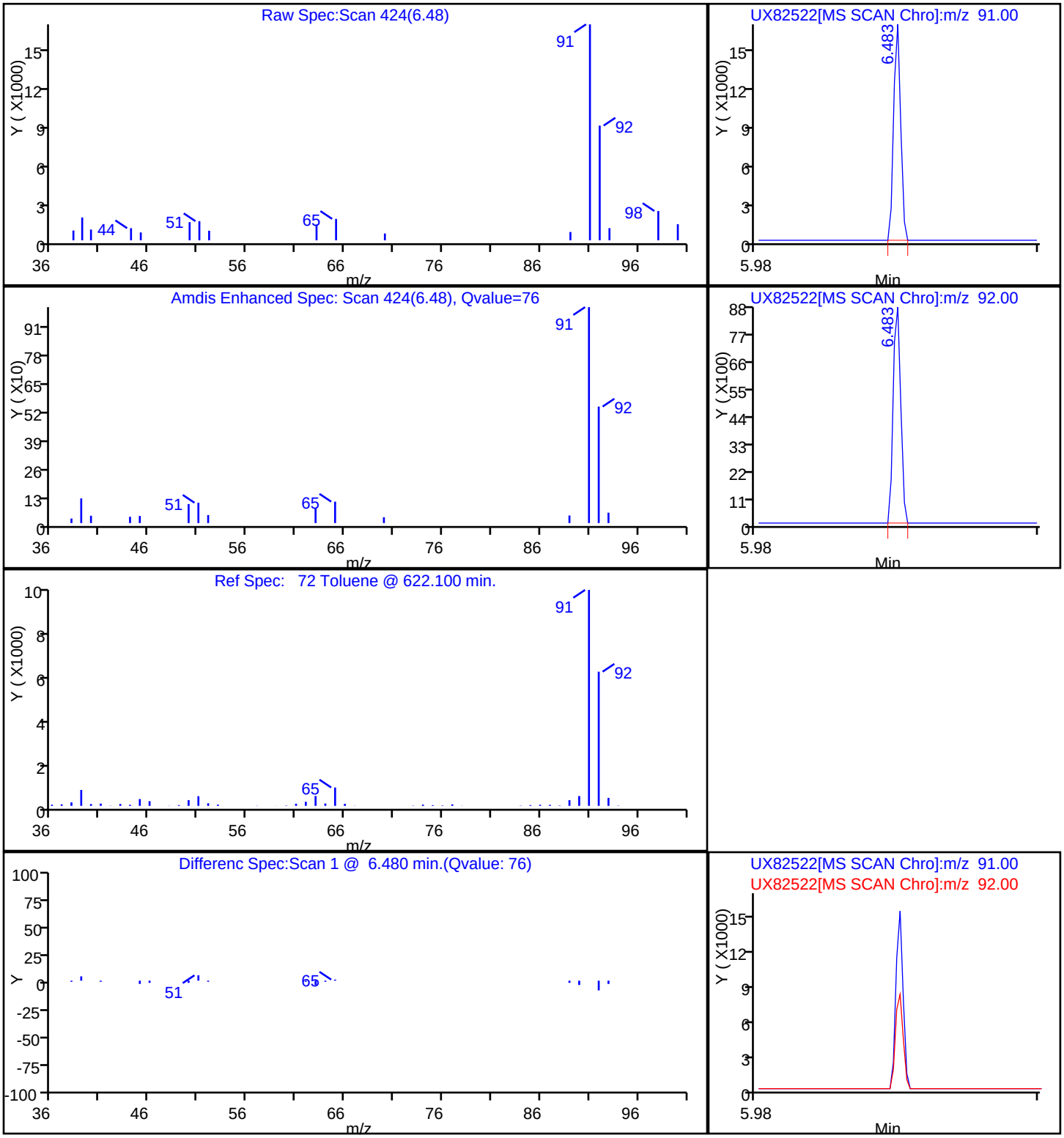
Report Date: 19-Dec-2012 02:39:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82522.D

Injection Date:	16-Dec-2012 03:44:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0064-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	31
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0065-0001-SO | Lab Sample ID: 240-18544-3

Matrix: Solid | Lab File ID: UX82471.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 09:57

Sample wt/vol: 6.474(g) | Date Analyzed: 12/15/2012 03:13

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.0 | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.87	U	4.3	0.87	0.49
79-34-5	1,1,2,2-Tetrachloroethane	0.43	U	4.3	0.43	0.30
79-00-5	1,1,2-Trichloroethane	0.43	U	4.3	0.43	0.34
75-34-3	1,1-Dichloroethane	0.43	U	4.3	0.43	0.31
75-35-4	1,1-Dichloroethene	0.87	U	4.3	0.87	0.45
106-93-4	1,2-Dibromoethane	0.87	U	4.3	0.87	0.43
107-06-2	1,2-Dichloroethane	0.43	U	4.3	0.43	0.30
540-59-0	1,2-Dichloroethene, Total	0.87	U	8.7	0.87	0.67
78-87-5	1,2-Dichloropropane	0.87	U	4.3	0.87	0.60
78-93-3	2-Butanone (MEK)	1.7	U	17	1.7	1.2
591-78-6	2-Hexanone	0.87	U	17	0.87	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	0.87	U	17	0.87	0.47
67-64-1	Acetone	5.5	U	17	5.5	5.5
71-43-2	Benzene	0.43	U	4.3	0.43	0.20
74-97-5	Bromochloromethane	0.87	U	4.3	0.87	0.62
75-27-4	Bromodichloromethane	0.43	U	4.3	0.43	0.24
75-25-2	Bromoform	0.43	U	4.3	0.43	0.29
74-83-9	Bromomethane	0.87	U	4.3	0.87	0.47
75-15-0	Carbon disulfide	0.43	U	4.3	0.43	0.38
56-23-5	Carbon tetrachloride	0.43	U	4.3	0.43	0.32
108-90-7	Chlorobenzene	0.43	U	4.3	0.43	0.29
75-00-3	Chloroethane	0.87	U	4.3	0.87	0.75
67-66-3	Chloroform	0.43	U	4.3	0.43	0.25
74-87-3	Chloromethane	0.43	U	4.3	0.43	0.36
10061-01-5	cis-1,3-Dichloropropene	0.43	U	4.3	0.43	0.30
124-48-1	Dibromochloromethane	0.87	U	4.3	0.87	0.48
100-41-4	Ethylbenzene	0.43	U	4.3	0.43	0.23
1634-04-4	Methyl tert-butyl ether	0.43	U	4.3	0.43	0.37
75-09-2	Methylene Chloride	0.87	U	4.3	0.87	0.58
100-42-5	Styrene	0.43	U	4.3	0.43	0.13
127-18-4	Tetrachloroethene	0.87	U	4.3	0.87	0.45
108-88-3	Toluene	0.86	J	4.3	0.43	0.23
10061-02-6	trans-1,3-Dichloropropene	0.87	U	4.3	0.87	0.47
79-01-6	Trichloroethene	0.43	U	4.3	0.43	0.36
75-01-4	Vinyl chloride	0.43	U	4.3	0.43	0.34
1330-20-7	Xylenes, Total	1.3	U	8.7	1.3	0.58

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0065-0001-SO Lab Sample ID: 240-18544-3

Matrix: Solid Lab File ID: UX82471.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 09:57

Sample wt/vol: 6.474(g) Date Analyzed: 12/15/2012 03:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.0 Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		61-130
460-00-4	4-Bromofluorobenzene (Surr)	102		85-120
1868-53-7	Dibromofluoromethane (Surr)	103		59-138
2037-26-5	Toluene-d8 (Surr)	103		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82471.D
Lims ID: 240-18544-B-3-A Client ID: 072SB-0065-0001-SO
Inject. Date: 15-Dec-2012 03:13:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015873-018
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 17
Lims Batch ID: 68830 Lims Sample ID: 18
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 04:21:34

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.158	-0.003	99	1632163	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	90	1174085	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	98	583726	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.626	-0.003	58	416730	51.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.886	-0.003	92	562433	56.7	
$ 7 Toluene-d8 (Surr)	98	6.421	6.424	-0.003	95	1503531	51.4	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.754	0.009	94	513746	50.9	
13 Chloromethane	50		1.752					
14 Vinyl chloride	62		1.870					
15 Bromomethane	94		2.177					
16 Chloroethane	64		2.272					
21 1,1-Dichloroethene	96		2.923					
22 Acetone	43		2.958					
26 Carbon disulfide	76		3.112					
30 Methylene Chloride	84		3.301					
34 Methyl tert-butyl ether	73		3.514					
33 trans-1,2-Dichloroethene	96		3.526					
36 1,1-Dichloroethane	63		3.833					
42 cis-1,2-Dichloroethene	96		4.271					
41 2-Butanone (MEK)	43		4.271					9
47 Chlorobromomethane	128		4.449					
49 Chloroform	83		4.508					
50 1,1,1-Trichloroethane	97		4.661					
53 Carbon tetrachloride	117		4.803					
55 Benzene	78		4.945					9
56 1,2-Dichloroethane	62		4.945					
60 Trichloroethene	130		5.442					
62 1,2-Dichloropropane	63		5.620					
67 Dichlorobromomethane	83		5.821					
70 cis-1,3-Dichloropropene	75		6.187					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.306					9
72 Toluene	91	6.480	6.483	-0.003	83	28643	0.9861	
73 trans-1,3-Dichloropropene	75		6.637					
75 1,1,2-Trichloroethane	97		6.802					
77 Tetrachloroethene	164		6.956					
78 2-Hexanone	43		7.003					9
79 Chlorodibromomethane	129		7.157					
123 Ethylene Dibromide	107		7.276					
82 Chlorobenzene	112		7.713					
84 Ethylbenzene	106		7.796					9
10 m-Xylene & p-Xylene	106		7.902					9
85 o-Xylene	106		8.269					
86 Styrene	104		8.281					
87 Bromoform	173		8.458					
90 1,1,2,2-Tetrachloroethane	83		8.872					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

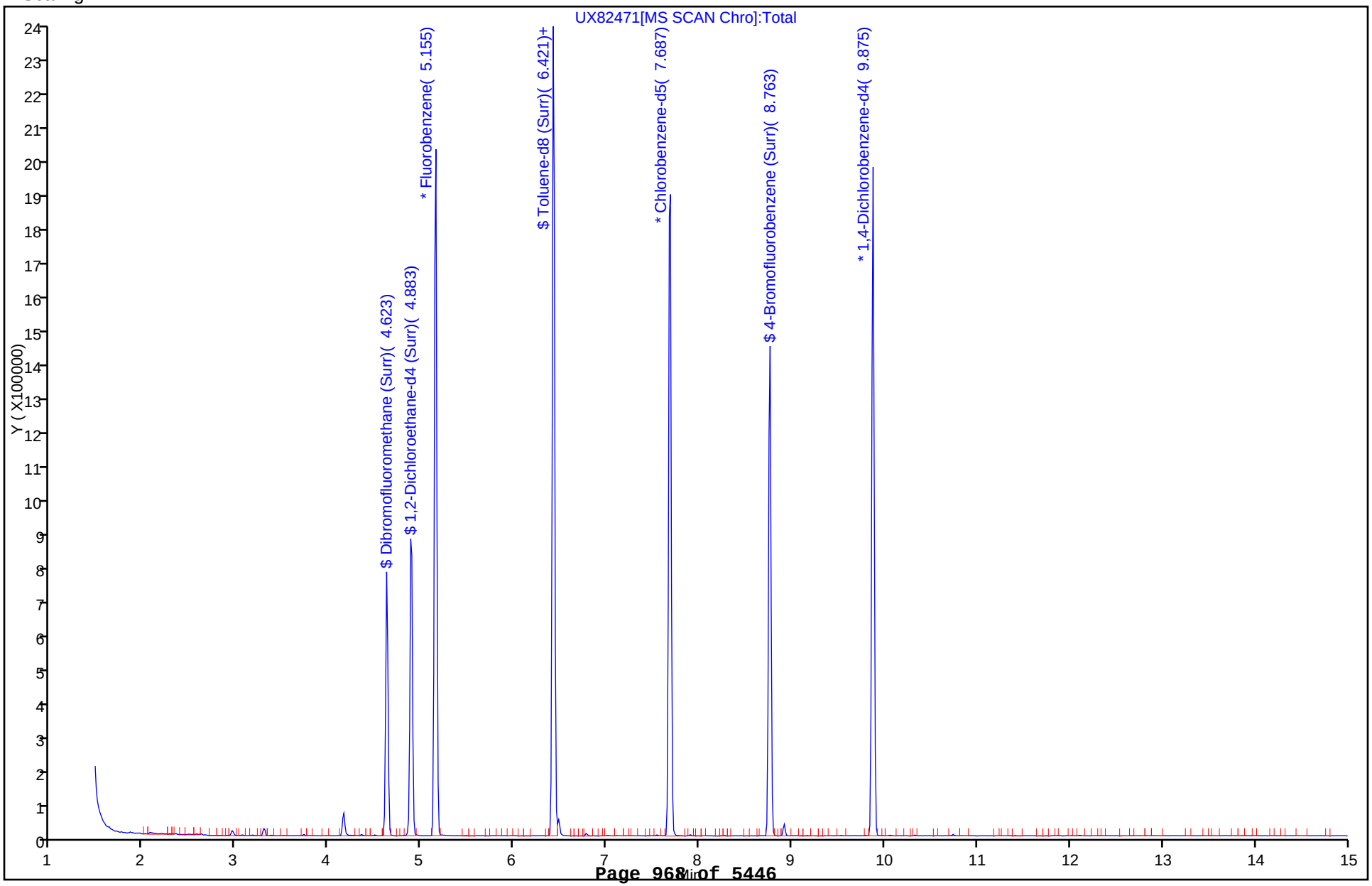
Report Date: 18-Dec-2012 02:06:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82471.D

Injection Date:	15-Dec-2012 03:13:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0065-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	18
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



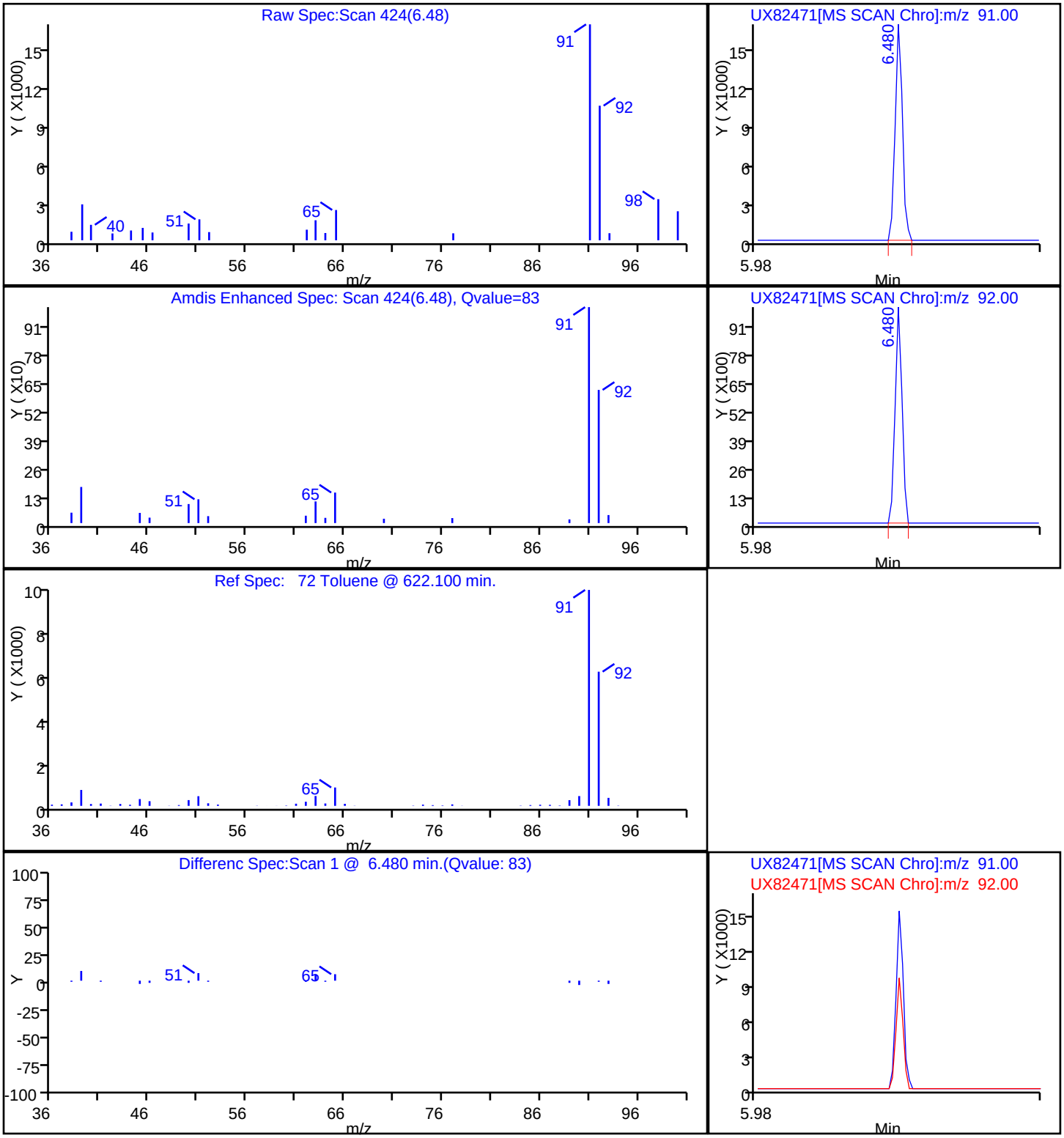
Report Date: 18-Dec-2012 02:06:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82471.D

Injection Date:	15-Dec-2012 03:13:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0065-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	18
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0066-0001-SO Lab Sample ID: 240-18544-4

Matrix: Solid Lab File ID: UX82523.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 10:12

Sample wt/vol: 6.874(g) Date Analyzed: 12/16/2012 04:05

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.4 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.41	U	4.1	0.41	0.19
100-41-4	Ethylbenzene	0.41	U	4.1	0.41	0.21
1634-04-4	Methyl tert-butyl ether	0.41	U	4.1	0.41	0.35
108-88-3	Toluene	0.53	J	4.1	0.41	0.22
1330-20-7	Xylenes, Total	1.2	U	8.2	1.2	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		85-120
1868-53-7	Dibromofluoromethane (Surr)	96		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		61-130
2037-26-5	Toluene-d8 (Surr)	93		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82523.D
Lims ID: 240-18544-C-4-A Client ID: 072SB-0066-0001-SO
Inject. Date: 16-Dec-2012 04:05:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-032
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 31
Lims Batch ID: 68879 Lims Sample ID: 32
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 17-Dec-2012 00:18:28

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.147	0.008	99	1553880	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	90	1167701	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	98	584201	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.624	-0.001	63	374305	48.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.895	4.884	0.011	92	488494	50.8	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1372101	46.4	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	93	483829	47.6	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78		4.943					
72 Toluene	91	6.480	6.481	-0.001	69	18739	0.6486	
84 Ethylbenzene	106		7.794					9
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	1	1404	0.1174	
85 o-Xylene	106		8.267					
S 114 Xylenes, Total	106				0		0.1174	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

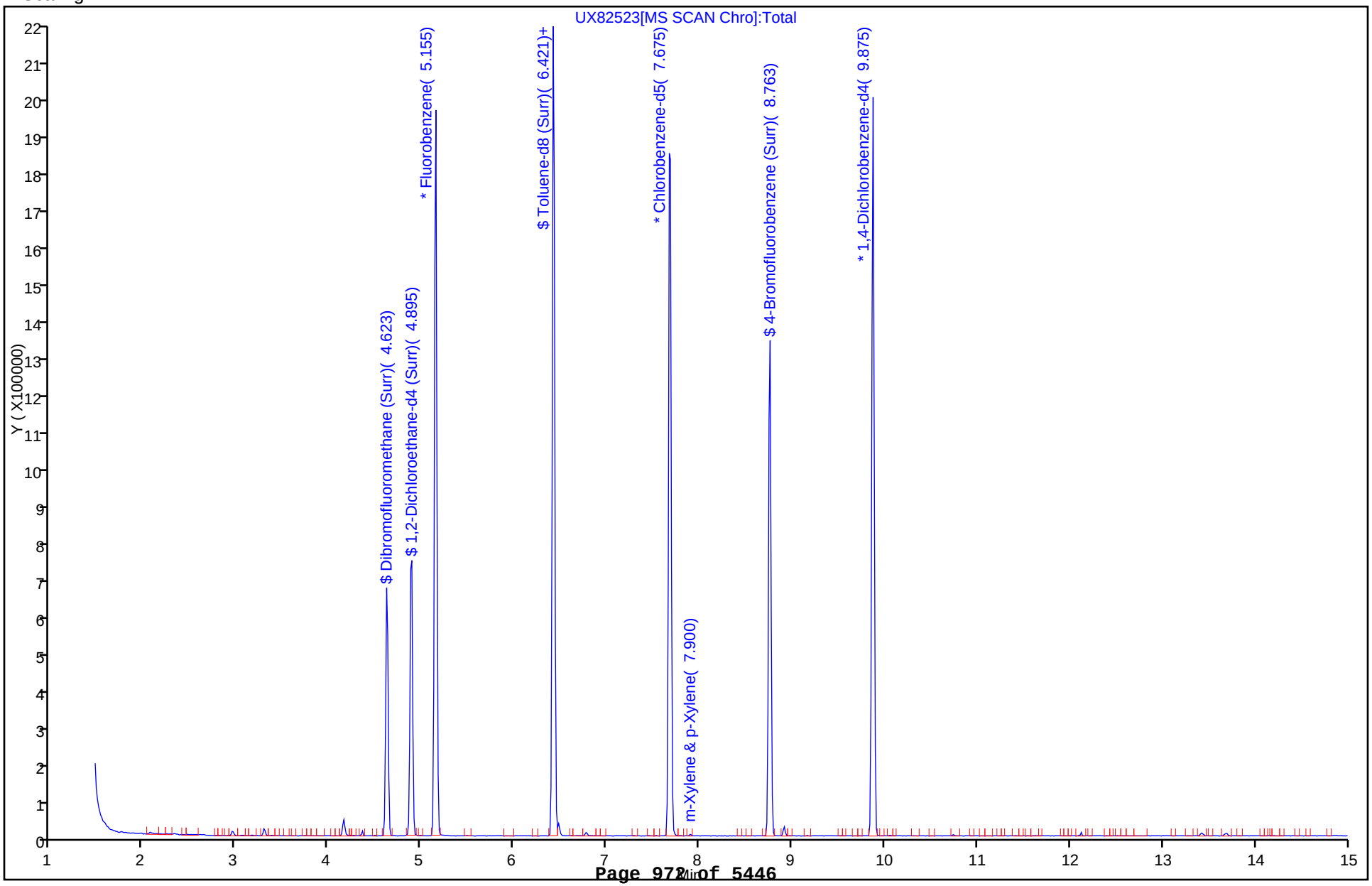
Report Date: 19-Dec-2012 02:39:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82523.D

Injection Date:	16-Dec-2012 04:05:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0066-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	32
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



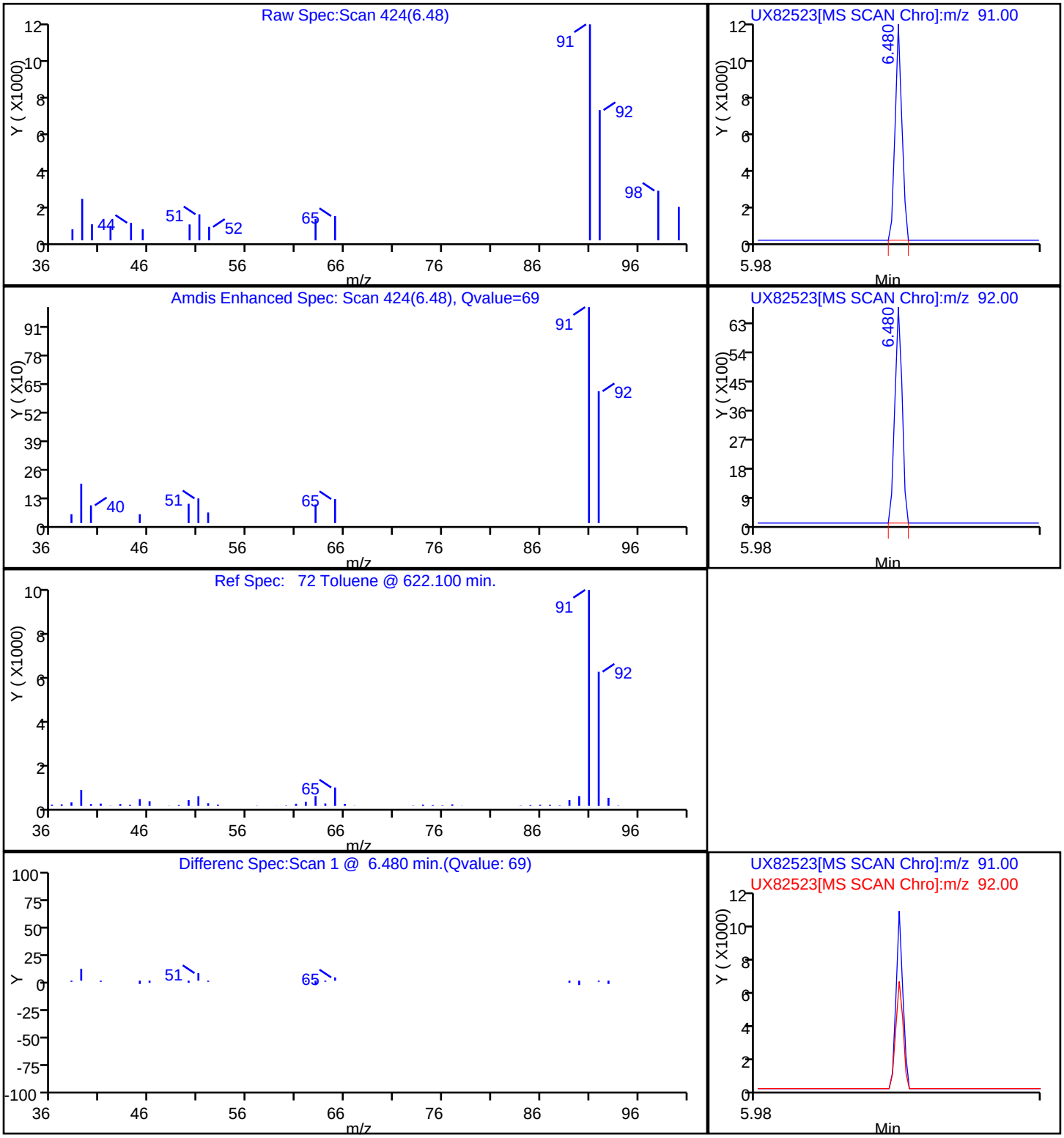
Report Date: 19-Dec-2012 02:39:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82523.D

Injection Date:	16-Dec-2012 04:05:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0066-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	32
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0067-0001-SO | Lab Sample ID: 240-18544-5

Matrix: Solid | Lab File ID: UX82535.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 10:20

Sample wt/vol: 6.06(g) | Date Analyzed: 12/17/2012 02:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.1 | Level: (low/med) Low

Analysis Batch No.: 68905 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.46	U	4.6	0.46	0.21
100-41-4	Ethylbenzene	0.46	U	4.6	0.46	0.24
1634-04-4	Methyl tert-butyl ether	0.46	U	4.6	0.46	0.39
108-88-3	Toluene	3.0	J	4.6	0.46	0.25
1330-20-7	Xylenes, Total	1.4	U	9.2	1.4	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	96		85-120
1868-53-7	Dibromofluoromethane (Surr)	96		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		61-130
2037-26-5	Toluene-d8 (Surr)	91		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82535.D
Lims ID: 240-18544-C-5-A
Client ID: 072SB-0067-0001-SO
Inject. Date: 17-Dec-2012 02:46:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015896-011
Misc. Info.: M21216A,8260SUX8,,402279 =M21216A,8260SUX8,,402279
Operator: 402279
Instrument ID: A3UX8
Purge Vol: 5.000 mL
ALS Bottle#: 10
Lims Batch ID: 68905
Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\8260_8.m
Last Update: 20-Dec-2012 03:33:06
Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: DB-624
Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: latat
Date: 17-Dec-2012 21:12:41

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.159	5.155	0.004	100	1530525	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.686	-0.008	90	1108159	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.874	0.004	99	587818	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.627	4.623	0.004	58	368552	48.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.884	0.003	92	480039	50.6	
$ 7 Toluene-d8 (Surr)	98	6.424	6.421	0.003	95	1285348	45.7	
$ 131 4-Bromofluorobenzene (Surr)	95	8.755	8.763	-0.008	91	462210	48.0	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78		4.943					
72 Toluene	91	6.484	6.480	0.004	89	89765	3.27	
84 Ethylbenzene	106	7.808	7.793	0.015	1	1819	0.1925	
10 m-Xylene & p-Xylene	106	7.903	7.900	0.003	83	10876	0.9586	
85 o-Xylene	106	8.270	8.267	0.004	28	4916	0.4548	
S 114 Xylenes, Total	106				0		1.41	

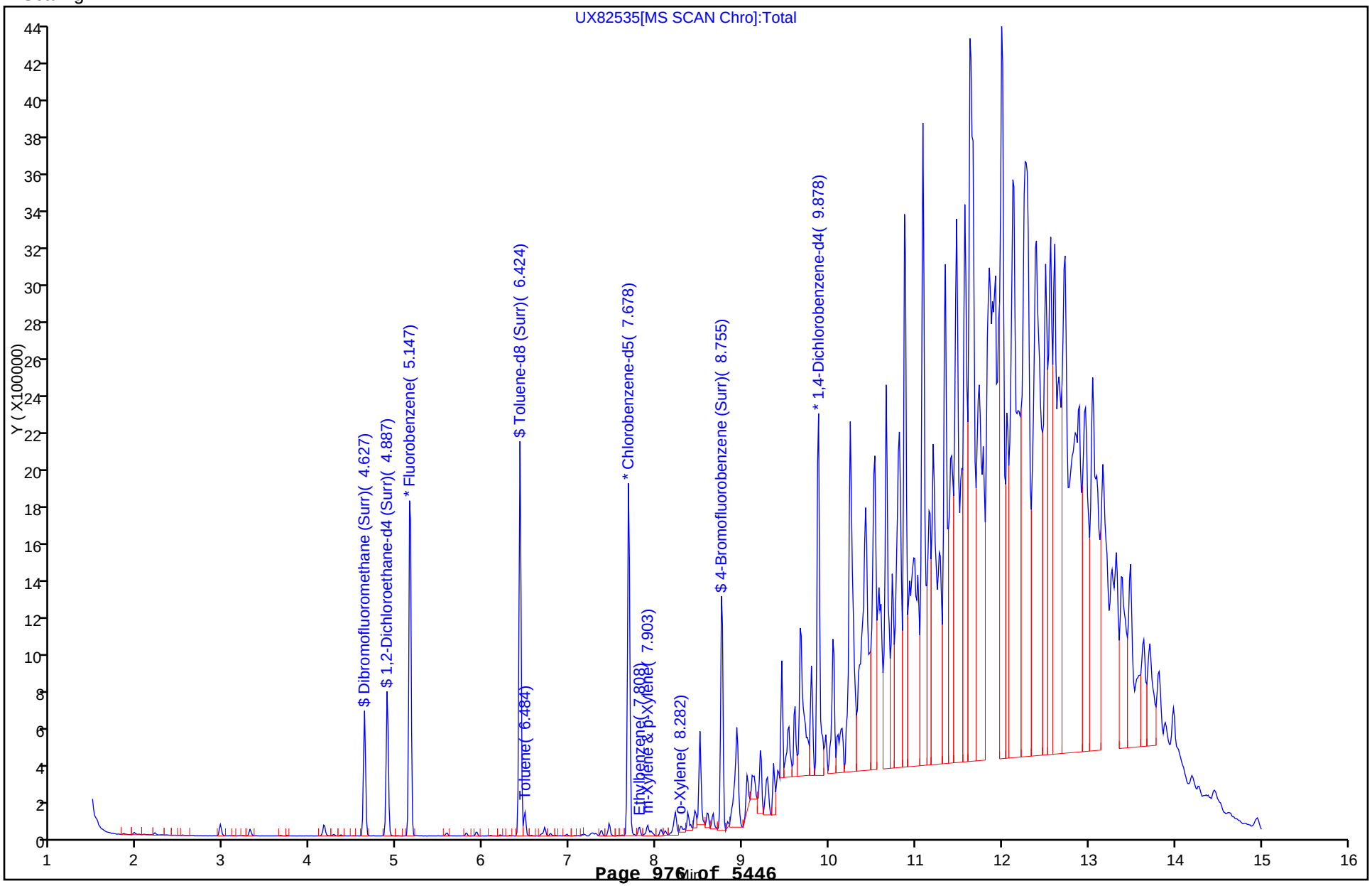
Report Date: 20-Dec-2012 03:33:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82535.D

Injection Date:	17-Dec-2012 02:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0067-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	11
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



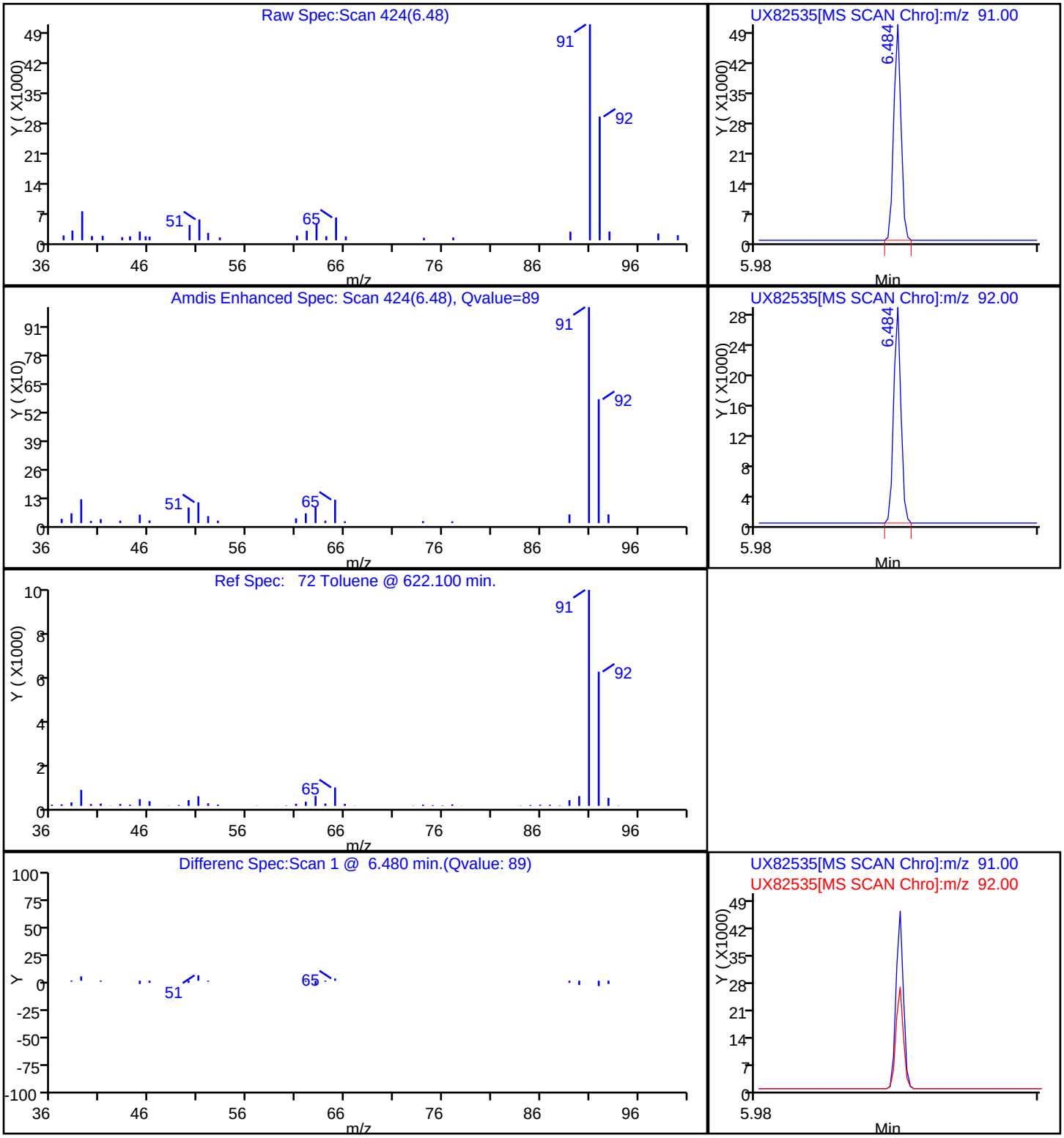
Report Date: 20-Dec-2012 03:33:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82535.D

Injection Date:	17-Dec-2012 02:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0067-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	11
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0068-0001-SO | Lab Sample ID: 240-18544-6

Matrix: Solid | Lab File ID: UX82536.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 09:28

Sample wt/vol: 5.613(g) | Date Analyzed: 12/17/2012 03:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.7 | Level: (low/med) Low

Analysis Batch No.: 68905 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.49	U	4.9	0.49	0.23
100-41-4	Ethylbenzene	0.49	U	4.9	0.49	0.26
1634-04-4	Methyl tert-butyl ether	0.49	U	4.9	0.49	0.42
108-88-3	Toluene	3.1	J	4.9	0.49	0.27
1330-20-7	Xylenes, Total	1.5	U	9.9	1.5	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	96		85-120
1868-53-7	Dibromofluoromethane (Surr)	92		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		61-130
2037-26-5	Toluene-d8 (Surr)	94		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82536.D		
Lims ID:	240-18544-C-6-A	Client ID:	072SB-0068-0001-SO
Inject. Date:	17-Dec-2012 03:07:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015896-012		
Misc. Info.:	M21216A,8260SUX8,,402279 =M21216A,8260SUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	11
Lims Batch ID:	68905	Lims Sample ID:	12
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121216-15896.b\8260_8.m		
Last Update:	20-Dec-2012 03:33:06	Calib Date:	15-Dec-2012 00:08:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK025		
First Level Reviewer: latat		Date:	17-Dec-2012 21:15:06

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.155	0.0	99	1557400	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.686	0.001	90	1102688	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.874	0.001	98	561717	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.623	0.0	59	363166	46.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.884	-0.001	92	464307	47.6	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1305763	46.8	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	95	459305	47.9	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78		4.943					
72 Toluene	91	6.480	6.480	0.0	90	84841	3.11	
84 Ethylbenzene	106		7.793					
10 m-Xylene & p-Xylene	106	7.899	7.900	-0.001	1	1161	0.1028	
85 o-Xylene	106		8.267					
S 114 Xylenes, Total	106				0		0.1028	

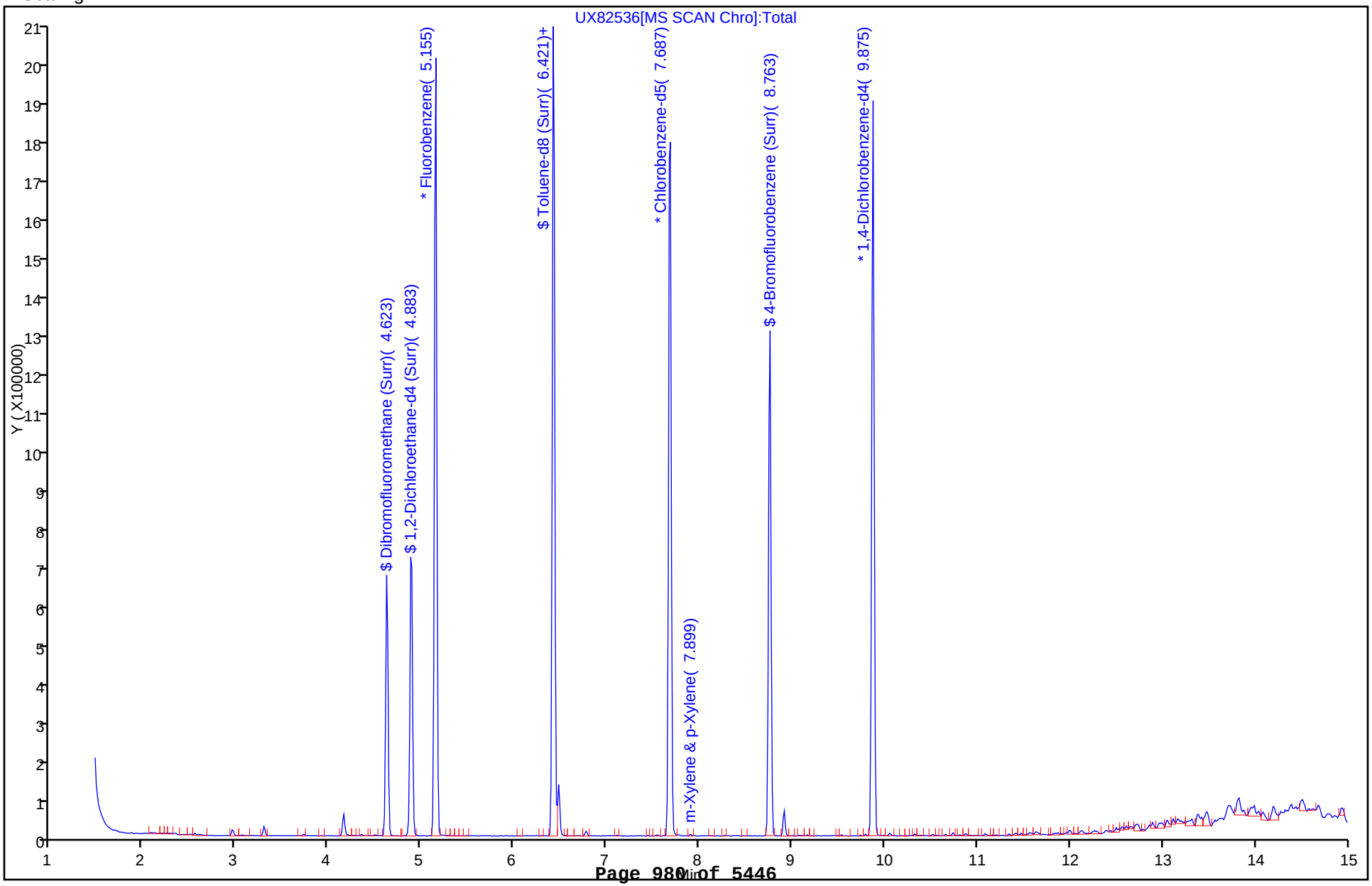
Report Date: 20-Dec-2012 03:33:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82536.D

Injection Date:	17-Dec-2012 03:07:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0068-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	12
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



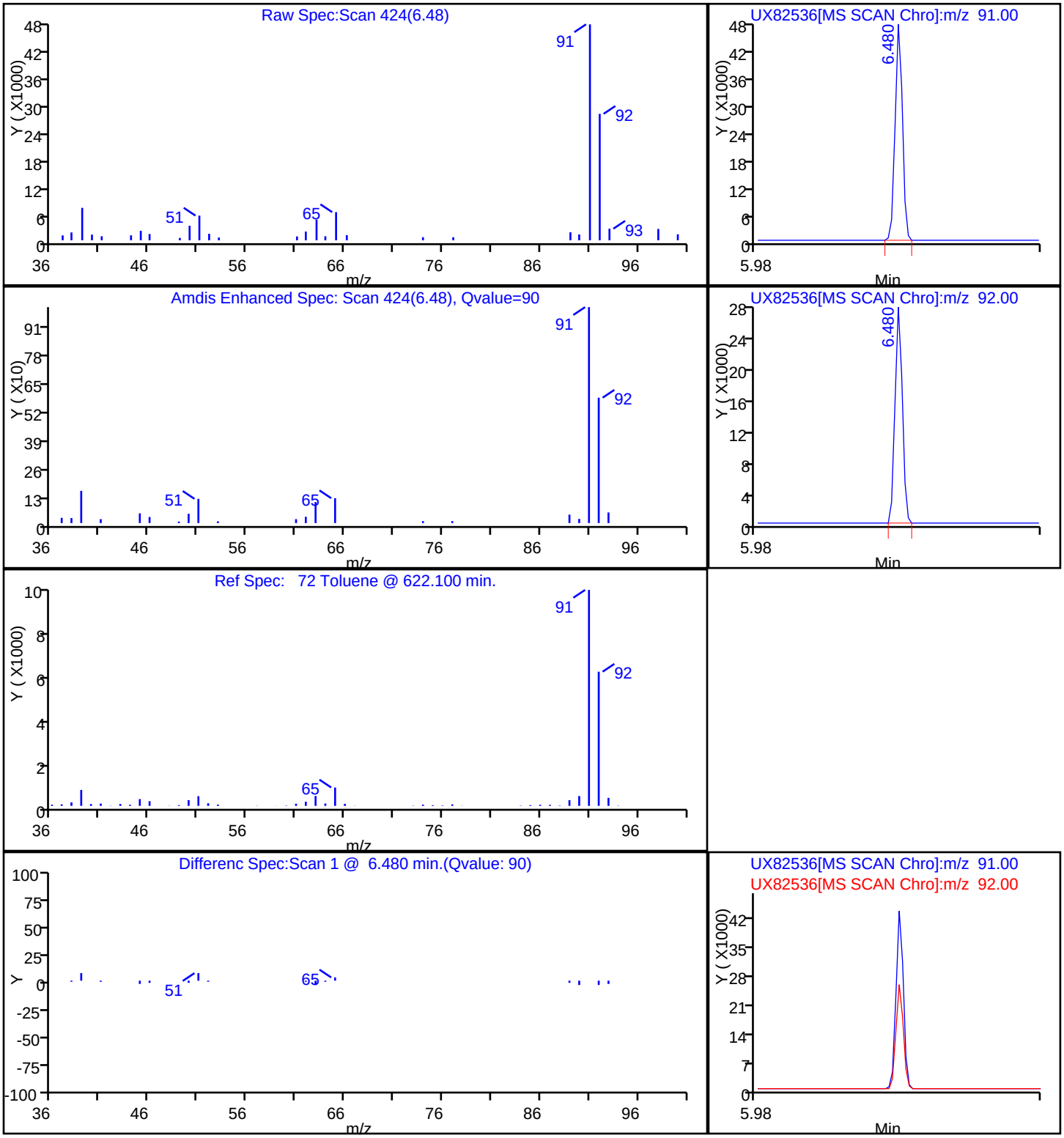
Report Date: 20-Dec-2012 03:33:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82536.D

Injection Date:	17-Dec-2012 03:07:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0068-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	12
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO | Lab Sample ID: 240-18544-7

Matrix: Solid | Lab File ID: UX82472.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 14:40

Sample wt/vol: 4.51(g) | Date Analyzed: 12/15/2012 03:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	7.8	U J	25	7.8	7.8
71-43-2	Benzene	0.62	U	6.2	0.62	0.29
74-97-5	Bromochloromethane	1.2	U	6.2	1.2	0.88
75-27-4	Bromodichloromethane	0.62	U	6.2	0.62	0.35
75-25-2	Bromoform	0.62	U	6.2	0.62	0.41
74-83-9	Bromomethane	1.2	U	6.2	1.2	0.67
78-93-3	2-Butanone (MEK)	2.5	U J	25	2.5	1.7
75-15-0	Carbon disulfide	0.62	U	6.2	0.62	0.55
56-23-5	Carbon tetrachloride	0.62	U	6.2	0.62	0.46
108-90-7	Chlorobenzene	0.62	U	6.2	0.62	0.41
75-00-3	Chloroethane	1.2	U	6.2	1.2	1.1
67-66-3	Chloroform	0.62	U	6.2	0.62	0.36
74-87-3	Chloromethane	0.62	U	6.2	0.62	0.51
10061-01-5	cis-1,3-Dichloropropene	0.62	U	6.2	0.62	0.42
124-48-1	Dibromochloromethane	1.2	U	6.2	1.2	0.68
106-93-4	1,2-Dibromoethane	1.2	U	6.2	1.2	0.62
75-34-3	1,1-Dichloroethane	0.62	U	6.2	0.62	0.45
107-06-2	1,2-Dichloroethane	0.62	U	6.2	0.62	0.42
75-35-4	1,1-Dichloroethene	1.2	U	6.2	1.2	0.65
540-59-0	1,2-Dichloroethene, Total	1.2	U	12	1.2	0.96
78-87-5	1,2-Dichloropropane	1.2	U	6.2	1.2	0.86
100-41-4	Ethylbenzene	0.62	U	6.2	0.62	0.32
591-78-6	2-Hexanone	1.2	U J	25	1.2	0.78
75-09-2	Methylene Chloride	1.2	U	6.2	1.2	0.83
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U J	25	1.2	0.67
100-42-5	Styrene	0.62	U	6.2	0.62	0.19
79-34-5	1,1,2,2-Tetrachloroethane	0.62	U J	6.2	0.62	0.42
127-18-4	Tetrachloroethene	1.2	U	6.2	1.2	0.65
108-88-3	Toluene	1.5	J	6.2	0.62	0.33
10061-02-6	trans-1,3-Dichloropropene	1.2	U	6.2	1.2	0.67
71-55-6	1,1,1-Trichloroethane	1.2	U	6.2	1.2	0.69
79-00-5	1,1,2-Trichloroethane	0.62	U J	6.2	0.62	0.48
79-01-6	Trichloroethene	0.62	U	6.2	0.62	0.52
75-01-4	Vinyl chloride	0.62	U	6.2	0.62	0.48
1330-20-7	Xylenes, Total	1.9	U	12	1.9	0.83

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO Lab Sample ID: 240-18544-7

Matrix: Solid Lab File ID: UX82472.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 14:40

Sample wt/vol: 4.51(g) Date Analyzed: 12/15/2012 03:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	85		85-120
1868-53-7	Dibromofluoromethane (Surr)	103		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		61-130
2037-26-5	Toluene-d8 (Surr)	110		85-115

Report Date: 18-Dec-2012 02:06:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82472.D
Lims ID: 240-18544-D-7-A Client ID: 076SB-0090M-0001-SO
Inject. Date: 15-Dec-2012 03:34:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015873-019
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 18
Lims Batch ID: 68830 Lims Sample ID: 19
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 04:22:31

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.158	-0.002	99	1553892	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	90	1044432	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.878	-0.002	99	375938	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.626	-0.002	59	395888	51.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.886	-0.002	92	488949	50.8	
$ 7 Toluene-d8 (Surr)	98	6.422	6.424	-0.002	95	1414594	55.0	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.754	0.010	95	394067	42.3	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.574					
13 Chloromethane	50		1.752					
14 Vinyl chloride	62		1.870					
15 Bromomethane	94		2.177					
16 Chloroethane	64		2.272					
17 Dichlorofluoromethane	67		2.450					
18 Trichlorofluoromethane	101		2.509					
19 Ethyl ether	59		2.734					
20 Acrolein	56		2.840					
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96		2.923					
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.946					
22 Acetone	43		2.958					
24 Iodomethane	142		3.053					
26 Carbon disulfide	76		3.112					
27 Acetonitrile	41		3.171					
29 3-Chloro-1-propene	76		3.207					
28 Methyl acetate	43		3.218					
30 Methylene Chloride	84	3.299	3.301	-0.002	85	13612	0.2011	
31 2-Methyl-2-propanol	59		3.372					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
32 Acrylonitrile	53		3.479					
34 Methyl tert-butyl ether	73		3.514					
33 trans-1,2-Dichloroethene	96		3.526					
35 Hexane	86		3.727					
36 1,1-Dichloroethane	63		3.833					
37 Vinyl acetate	86		3.857					
38 Isopropyl ether	87		3.881					
39 2-Chloro-1,3-butadiene	53		3.905					
40 Tert-butyl ethyl ether	59		4.153					9
42 cis-1,2-Dichloroethene	96		4.271					
41 2-Butanone (MEK)	43		4.271					9
43 2,2-Dichloropropane	77		4.283					
45 Ethyl acetate	43		4.307					9
44 Propionitrile	54		4.307					
46 Methacrylonitrile	41		4.425					
47 Chlorobromomethane	128		4.449					
48 Tetrahydrofuran	42		4.496					
49 Chloroform	83		4.508					
50 1,1,1-Trichloroethane	97		4.661					
51 Cyclohexane	56		4.721					
52 1,1-Dichloropropene	75		4.792					
53 Carbon tetrachloride	117		4.803					
54 Isobutyl alcohol	41		4.815					
55 Benzene	78		4.945					
56 1,2-Dichloroethane	62		4.945					
57 Tert-amyl methyl ether	73		5.016					
58 n-Heptane	100		5.135					
59 n-Butanol	56		5.324					
60 Trichloroethene	130		5.442					
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83		5.608					
62 1,2-Dichloropropane	63		5.620					
64 Methyl methacrylate	41		5.679					
65 Dibromomethane	93		5.714					
66 1,4-Dioxane	88		5.714					
67 Dichlorobromomethane	83		5.821					
68 2-Nitropropane	41		5.998					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75		6.187					
71 4-Methyl-2-pentanone (MIBK)	43		6.306					9
72 Toluene	91	6.481	6.483	-0.002	78	30572	1.18	
73 trans-1,3-Dichloropropene	75		6.637					
74 Ethyl methacrylate	69		6.708					
75 1,1,2-Trichloroethane	97		6.802					
77 Tetrachloroethene	164		6.956					
76 1,3-Dichloropropane	76		6.956					
78 2-Hexanone	43		7.003					9
132 n-Butyl acetate	43		7.110					
79 Chlorodibromomethane	129		7.157					
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107		7.276					
81 1-Chlorohexane	91		7.663					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Chlorobenzene	112		7.713					
83 1,1,1,2-Tetrachloroethane	131		7.772					
84 Ethylbenzene	106		7.796					
10 m-Xylene & p-Xylene	106		7.902					
85 o-Xylene	106		8.269					
86 Styrene	104		8.281					
87 Bromoform	173		8.458					
88 Isopropylbenzene	105		8.612					
89 Cyclohexanone	55		8.695					9
90 1,1,2,2-Tetrachloroethane	83		8.872					
91 Bromobenzene	156		8.908					
92 1,2,3-Trichloropropane	110		8.920					
93 trans-1,4-Dichloro-2-butene	53		8.932					
94 N-Propylbenzene	120		9.002					
95 2-Chlorotoluene	126		9.097					
96 1,3,5-Trimethylbenzene	105		9.168					
104 4-Chlorotoluene	126		9.192					
97 tert-Butylbenzene	119		9.487					
98 1,2,4-Trimethylbenzene	105		9.535					
99 sec-Butylbenzene	105		9.700					
100 1,3-Dichlorobenzene	146		9.819					9
101 4-Isopropyltoluene	119		9.842					
102 1,4-Dichlorobenzene	146		9.901					9
103 1,2,3-Trimethylbenzene	105		9.949					
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91		10.233					
106 1,2-Dichlorobenzene	146		10.268					
107 1,2-Dibromo-3-Chloropropane	157		11.025					
108 1,3,5-Trichlorobenzene	180		11.250					
109 1,2,4-Trichlorobenzene	180		11.853					
110 Hexachlorobutadiene	225		12.031					
111 Naphthalene	128	12.111	12.102	0.009	1	1910	0.1673	
112 1,2,3-Trichlorobenzene	180		12.362					
113 2-Methylnaphthalene	142		13.427					
S 136 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106		16.530					
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

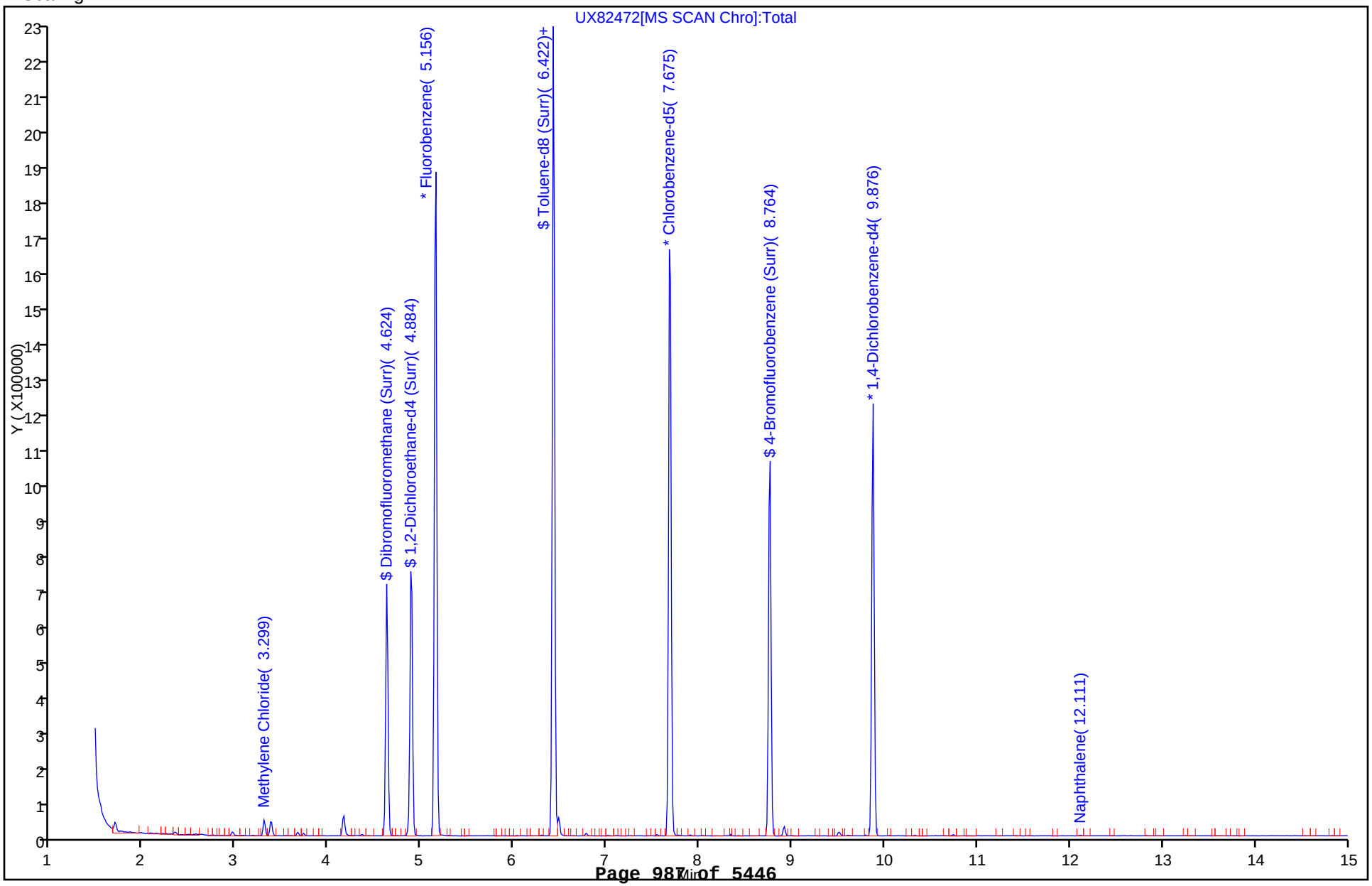
Report Date: 18-Dec-2012 02:06:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82472.D

Injection Date:	15-Dec-2012 03:34:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0090M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	19
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



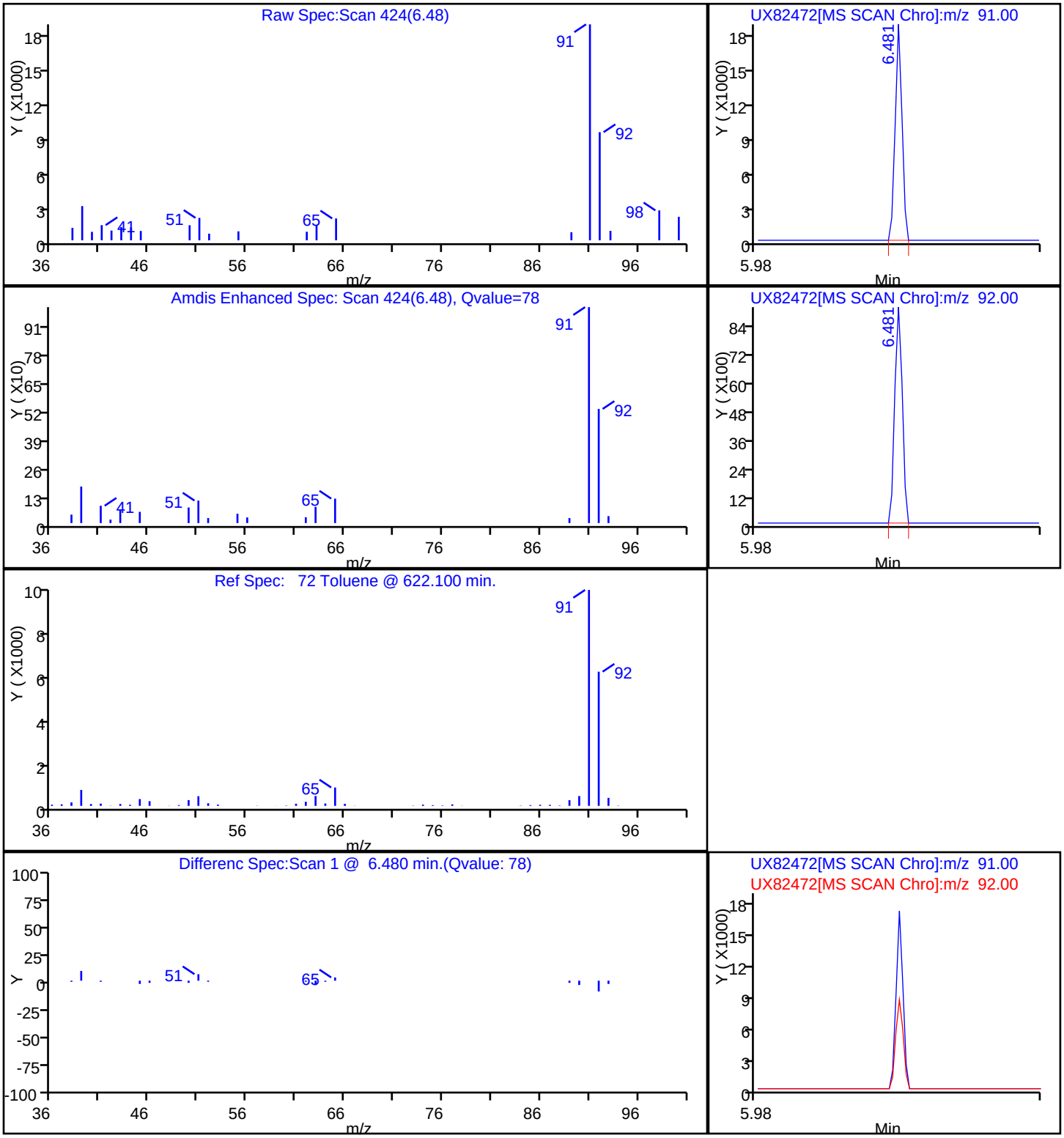
Report Date: 18-Dec-2012 02:06:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82472.D

Injection Date:	15-Dec-2012 03:34:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0090M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	19
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO | Lab Sample ID: 240-18544-8

Matrix: Solid | Lab File ID: UX82502.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 14:40

Sample wt/vol: 5.281(g) | Date Analyzed: 12/15/2012 20:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.0 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	6.4	U	20	6.4	6.4
71-43-2	Benzene	0.51	U	5.1	0.51	0.23
74-97-5	Bromochloromethane	1.0	U	5.1	1.0	0.72
75-27-4	Bromodichloromethane	0.51	U	5.1	0.51	0.29
75-25-2	Bromoform	0.51	U	5.1	0.51	0.34
74-83-9	Bromomethane	1.0	U	5.1	1.0	0.55
78-93-3	2-Butanone (MEK)	2.0	U	20	2.0	1.4
75-15-0	Carbon disulfide	0.51	U	5.1	0.51	0.45
56-23-5	Carbon tetrachloride	0.51	U	5.1	0.51	0.38
108-90-7	Chlorobenzene	0.51	U	5.1	0.51	0.34
75-00-3	Chloroethane	1.0	U	5.1	1.0	0.88
67-66-3	Chloroform	0.51	U	5.1	0.51	0.30
74-87-3	Chloromethane	0.51	U	5.1	0.51	0.42
10061-01-5	cis-1,3-Dichloropropene	0.51	U	5.1	0.51	0.35
124-48-1	Dibromochloromethane	1.0	U	5.1	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	5.1	1.0	0.51
75-34-3	1,1-Dichloroethane	0.51	U	5.1	0.51	0.37
107-06-2	1,2-Dichloroethane	0.51	U	5.1	0.51	0.35
75-35-4	1,1-Dichloroethene	1.0	U	5.1	1.0	0.53
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.78
78-87-5	1,2-Dichloropropane	1.0	U	5.1	1.0	0.70
100-41-4	Ethylbenzene	0.51	U	5.1	0.51	0.26
591-78-6	2-Hexanone	1.0	U	20	1.0	0.64
75-09-2	Methylene Chloride	1.6	J	5.1	1.0	0.68
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	20	1.0	0.55
100-42-5	Styrene	0.51	U	5.1	0.51	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.51	U	5.1	0.51	0.35
127-18-4	Tetrachloroethene	1.0	U	5.1	1.0	0.53
108-88-3	Toluene	2.0	J	5.1	0.51	0.27
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.1	1.0	0.55
71-55-6	1,1,1-Trichloroethane	1.0	U	5.1	1.0	0.57
79-00-5	1,1,2-Trichloroethane	0.51	U	5.1	0.51	0.40
79-01-6	Trichloroethene	0.51	U	5.1	0.51	0.43
75-01-4	Vinyl chloride	0.51	U	5.1	0.51	0.40
1330-20-7	Xylenes, Total	1.5	U	10	1.5	0.68

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO Lab Sample ID: 240-18544-8

Matrix: Solid Lab File ID: UX82502.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 14:40

Sample wt/vol: 5.281(g) Date Analyzed: 12/15/2012 20:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.0 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	93		85-120
1868-53-7	Dibromofluoromethane (Surr)	94		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		61-130
2037-26-5	Toluene-d8 (Surr)	100		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82502.D
Lims ID: 240-18544-D-8-A
Client ID: 076SB-0091M-0001-SO
Inject. Date: 15-Dec-2012 20:39:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-011
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279
Instrument ID: A3UX8
Purge Vol: 5.000 mL
ALS Bottle#: 10
Lims Batch ID: 68879
Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20
Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: DB-624
Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat
Date: 16-Dec-2012 23:34:07

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.157	5.147	0.010	100	1517693	50.0	
* 2 Chlorobenzene-d5	117	7.676	7.678	-0.002	90	1045813	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.878	-0.002	98	492689	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.624	0.001	58	359667	47.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.885	4.884	0.001	92	469544	49.8	
$ 7 Toluene-d8 (Surr)	98	6.422	6.421	0.001	95	1309114	50.1	
$ 131 4-Bromofluorobenzene (Surr)	95	8.753	8.763	-0.010	91	427068	46.7	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.572					
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
17 Dichlorofluoromethane	67		2.450					
18 Trichlorofluoromethane	101		2.506					
19 Ethyl ether	59		2.734					
20 Acrolein	56		2.837					
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96		2.932					
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.944					
22 Acetone	43		2.956					
24 Iodomethane	142		3.050					
26 Carbon disulfide	76		3.109					
27 Acetonitrile	41		3.169					9
29 3-Chloro-1-propene	76		3.207					
28 Methyl acetate	43		3.216					
30 Methylene Chloride	84	3.300	3.299	0.001	87	21858	1.54	
31 2-Methyl-2-propanol	59		3.382					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
32 Acrylonitrile	53		3.476					
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
35 Hexane	86		3.736					
36 1,1-Dichloroethane	63		3.831					
37 Vinyl acetate	86		3.855					
38 Isopropyl ether	87		3.881					
39 2-Chloro-1,3-butadiene	53		3.905					
40 Tert-butyl ethyl ether	59		4.153					9
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43		4.269					9
43 2,2-Dichloropropane	77		4.280					
45 Ethyl acetate	43		4.307					9
44 Propionitrile	54		4.307					
46 Methacrylonitrile	41		4.425					
47 Chlorobromomethane	128		4.458					
48 Tetrahydrofuran	42		4.493					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
51 Cyclohexane	56		4.718					
52 1,1-Dichloropropene	75		4.789					
53 Carbon tetrachloride	117		4.801					
54 Isobutyl alcohol	41		4.816					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					
57 Tert-amyl methyl ether	73		5.017					
58 n-Heptane	100		5.135					
59 n-Butanol	56		5.324					
60 Trichloroethene	130		5.440					
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83		5.605					
62 1,2-Dichloropropane	63		5.617					
64 Methyl methacrylate	41		5.679					
65 Dibromomethane	93		5.712					
66 1,4-Dioxane	88		5.712					
67 Dichlorobromomethane	83		5.830					
68 2-Nitropropane	41		5.999					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75		6.185					
71 4-Methyl-2-pentanone (MIBK)	43		6.303					
72 Toluene	91	6.482	6.481	0.001	90	50752	1.96	
73 trans-1,3-Dichloropropene	75		6.646					
74 Ethyl methacrylate	69		6.705					
75 1,1,2-Trichloroethane	97		6.800					
76 1,3-Dichloropropane	76		6.954					
77 Tetrachloroethene	164		6.966					
78 2-Hexanone	43		7.001					
132 n-Butyl acetate	43		7.110					19
79 Chlorodibromomethane	129		7.155					
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107		7.273					
81 1-Chlorohexane	91		7.663					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Chlorobenzene	112		7.711					
83 1,1,1,2-Tetrachloroethane	131		7.770					
84 Ethylbenzene	106		7.794					
10 m-Xylene & p-Xylene	106		7.900					9
85 o-Xylene	106		8.267					
86 Styrene	104		8.279					
87 Bromoform	173		8.456					
88 Isopropylbenzene	105		8.610					
89 Cyclohexanone	55		8.695					9
90 1,1,2,2-Tetrachloroethane	83		8.870					
91 Bromobenzene	156		8.917					
92 1,2,3-Trichloropropane	110		8.929					
93 trans-1,4-Dichloro-2-butene	53		8.929					
94 N-Propylbenzene	120		9.000					
95 2-Chlorotoluene	126		9.095					
96 1,3,5-Trimethylbenzene	105		9.166					9
104 4-Chlorotoluene	126		9.189					
97 tert-Butylbenzene	119		9.485					
98 1,2,4-Trimethylbenzene	105	9.533	9.532	0.001	1	2222	0.1136	
99 sec-Butylbenzene	105		9.698					
100 1,3-Dichlorobenzene	146		9.816					9
101 4-Isopropyltoluene	119		9.840					
102 1,4-Dichlorobenzene	146		9.899					9
103 1,2,3-Trimethylbenzene	105		9.949					
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91		10.242					
106 1,2-Dichlorobenzene	146		10.266					
107 1,2-Dibromo-3-Chloropropane	157		11.023					
108 1,3,5-Trichlorobenzene	180		11.247					
109 1,2,4-Trichlorobenzene	180		11.863					
110 Hexachlorobutadiene	225		12.028					
111 Naphthalene	128		12.099					
112 1,2,3-Trichlorobenzene	180		12.359					
113 2-Methylnaphthalene	142		13.427					
S 136 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106		16.530					
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

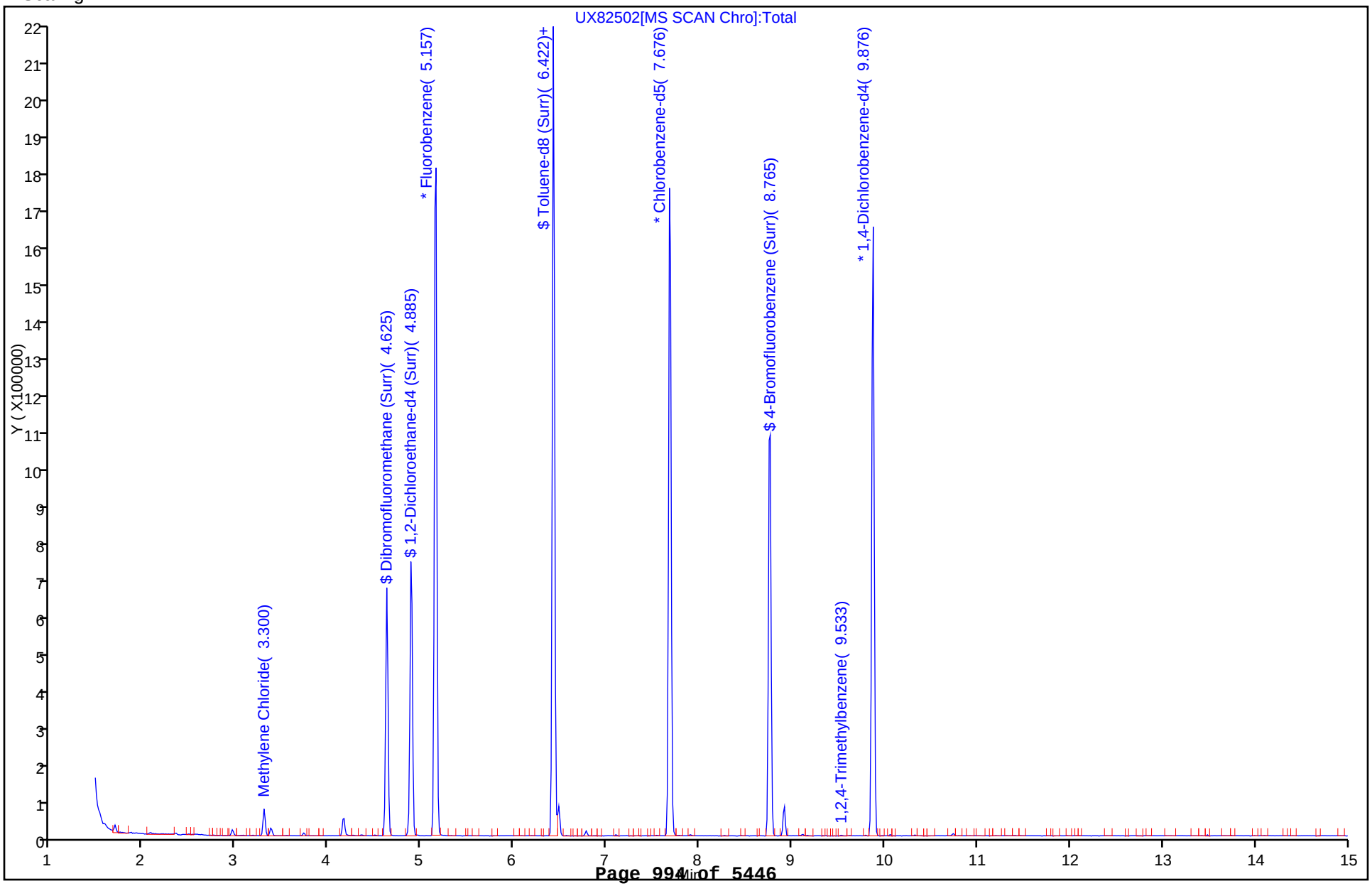
Report Date: 19-Dec-2012 02:39:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82502.D

Injection Date:	15-Dec-2012 20:39:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0091M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	11
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



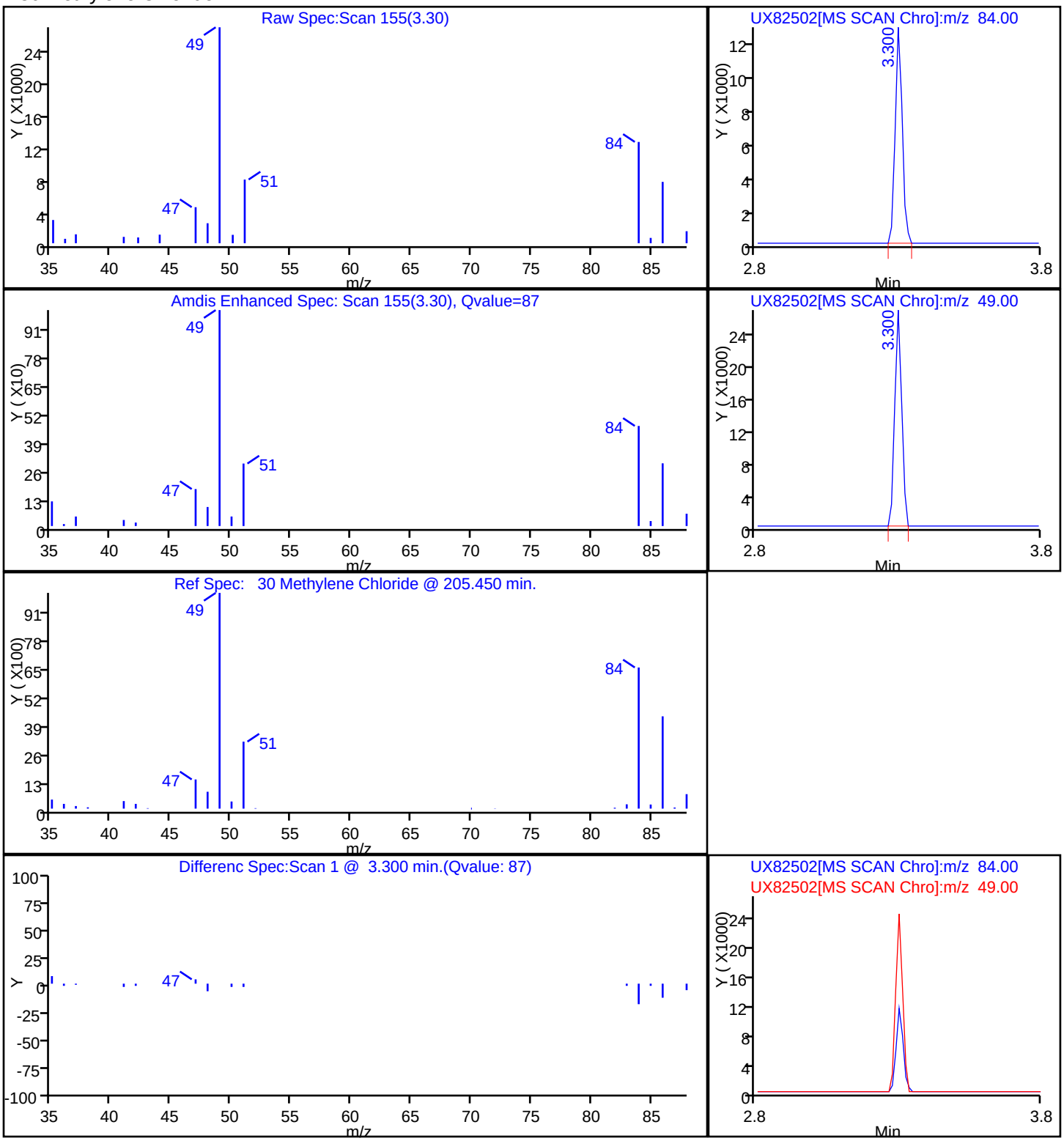
Report Date: 19-Dec-2012 02:39:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82502.D

Injection Date:	15-Dec-2012 20:39:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0091M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	11
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

30 Methylene Chloride



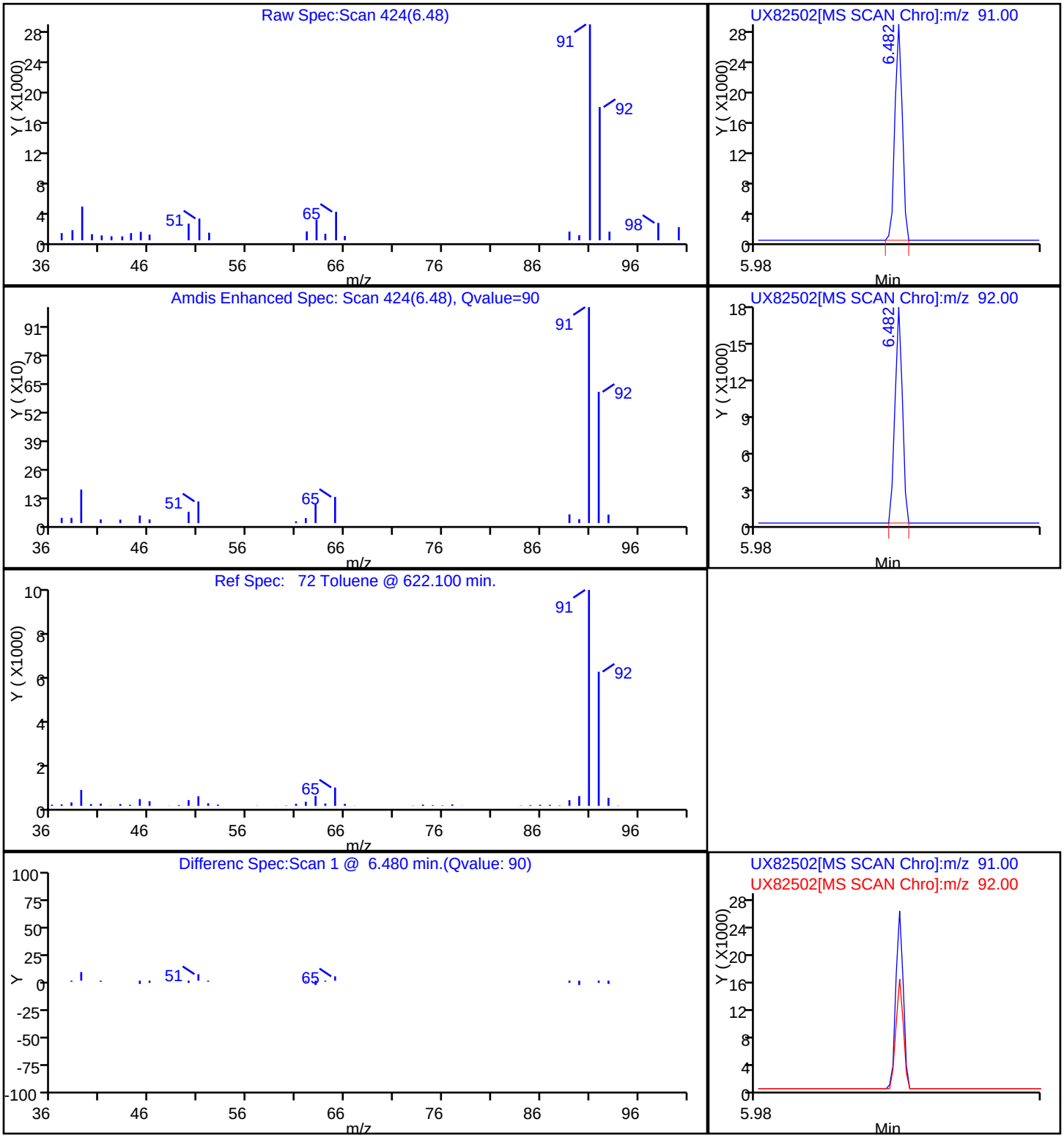
Report Date: 19-Dec-2012 02:39:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82502.D

Injection Date:	15-Dec-2012 20:39:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0091M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	11
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0069-0001-TB | Lab Sample ID: 240-18544-9

Matrix: Water | Lab File ID: UXJ8982.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/12/2012 17:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68395 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.25	U	1.0	0.25	0.22
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.25	0.18
79-00-5	1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.27
75-34-3	1,1-Dichloroethane	0.25	U	1.0	0.25	0.15
75-35-4	1,1-Dichloroethene	0.25	U	1.0	0.25	0.19
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25	0.22
540-59-0	1,2-Dichloroethene, Total	0.50	U	2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25	0.18
78-93-3	2-Butanone (MEK)	0.57	U	10	0.57	0.57
591-78-6	2-Hexanone	0.50	U	10	0.50	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.50	0.32
67-64-1	Acetone	1.1	U	10	1.1	1.1
71-43-2	Benzene	0.25	U	1.0	0.25	0.13
75-25-2	Bromoform	0.64	U	1.0	0.64	0.64
74-83-9	Bromomethane	0.50	U	1.0	0.50	0.41
75-15-0	Carbon disulfide	0.25	U	1.0	0.25	0.13
56-23-5	Carbon tetrachloride	0.25	U	1.0	0.25	0.13
108-90-7	Chlorobenzene	0.25	U	1.0	0.25	0.15
74-87-3	Chloromethane	0.50	U	1.0	0.50	0.30
10061-01-5	cis-1,3-Dichloropropene	0.25	U	1.0	0.25	0.14
124-48-1	Dibromochloromethane	0.25	U	1.0	0.25	0.18
75-27-4	Bromodichloromethane	0.25	U	1.0	0.25	0.15
100-41-4	Ethylbenzene	0.25	U	1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	0.25	U	1.0	0.25	0.17
75-09-2	Methylene Chloride	0.50	U	1.0	0.50	0.33
100-42-5	Styrene	0.25	U	1.0	0.25	0.11
127-18-4	Tetrachloroethene	0.50	U	1.0	0.50	0.29
108-88-3	Toluene	0.25	U	1.0	0.25	0.13
10061-02-6	trans-1,3-Dichloropropene	0.25	U	1.0	0.25	0.19
79-01-6	Trichloroethene	0.25	U	1.0	0.25	0.17
75-01-4	Vinyl chloride	0.25	U	1.0	0.25	0.22
1330-20-7	Xylenes, Total	0.75	U	2.0	0.75	0.28
67-66-3	Chloroform	0.25	U	1.0	0.25	0.16
74-97-5	Bromochloromethane	0.50	U	1.0	0.50	0.29
106-93-4	1,2-Dibromoethane	0.25	U	1.0	0.25	0.24
75-00-3	Chloroethane	0.50	U	1.0	0.50	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0069-0001-TB Lab Sample ID: 240-18544-9

Matrix: Water Lab File ID: UXJ8982.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/12/2012 17:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68395 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-120
460-00-4	4-Bromofluorobenzene (Surr)	102		75-120
1868-53-7	Dibromofluoromethane (Surr)	90		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8982.D		
Lims ID:	240-18544-A-9	Client ID:	072SB-0069-0001-TB
Inject. Date:	12-Dec-2012 17:48:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015761-016		
Misc. Info.:	J21212A,8260LLUX11,,43582		
Operator:	43582	Instrument ID:	A3UX11
Purge Vol:	5.000 mL	ALS Bottle#:	17
Lims Batch ID:	68395	Lims Sample ID:	16
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX11\20121212-15761.b\8260_11.m		
Last Update:	13-Dec-2012 08:28:24	Calib Date:	11-Dec-2012 15:48:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK019		
First Level Reviewer: evansle		Date:	13-Dec-2012 08:12:39

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1187435	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	84	699471	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	96	216954	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	93	244131	7.51	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	91	302757	8.03	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	84	982191	8.20	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	90	204604	8.54	
9 Chloromethane	50		1.696					
10 Vinyl chloride	62		1.790					
11 Bromomethane	94		2.074					
12 Chloroethane	64		2.157					
17 Acetone	43		2.772					9
19 1,1-Dichloroethene	96		2.784					
23 Carbon disulfide	76		2.973					
26 Methylene Chloride	84		3.163					
30 Methyl tert-butyl ether	73		3.364					
29 trans-1,2-Dichloroethene	96		3.364					
32 1,1-Dichloroethane	63		3.695					
40 cis-1,2-Dichloroethene	96		4.169					
38 2-Butanone (MEK)	43		4.169					
43 Chlorobromomethane	128		4.358					
45 Chloroform	83		4.417					9
46 1,1,1-Trichloroethane	97		4.595					
49 Carbon tetrachloride	117		4.737					
52 Benzene	78		4.902					9
51 1,2-Dichloroethane	62		4.902					
56 Trichloroethene	130		5.435					
59 1,2-Dichloropropane	63		5.612					
63 Dichlorobromomethane	83		5.837					
66 cis-1,3-Dichloropropene	75		6.228					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
67 4-Methyl-2-pentanone (MIBK)	43		6.358					9
68 Toluene	91		6.535					9
69 trans-1,3-Dichloropropene	75		6.713					
71 1,1,2-Trichloroethane	97		6.878					
72 Tetrachloroethene	164		7.032					
74 2-Hexanone	43		7.091					
76 Chlorodibromomethane	129		7.245					
77 Ethylene Dibromide	107		7.352					
79 Chlorobenzene	112		7.813					
81 Ethylbenzene	106		7.908					
82 m-Xylene & p-Xylene	106		8.014					
83 o-Xylene	106		8.393					
84 Styrene	104		8.405					
85 Bromoform	173		8.582					
88 1,1,2,2-Tetrachloroethane	83		9.020					
S 112 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

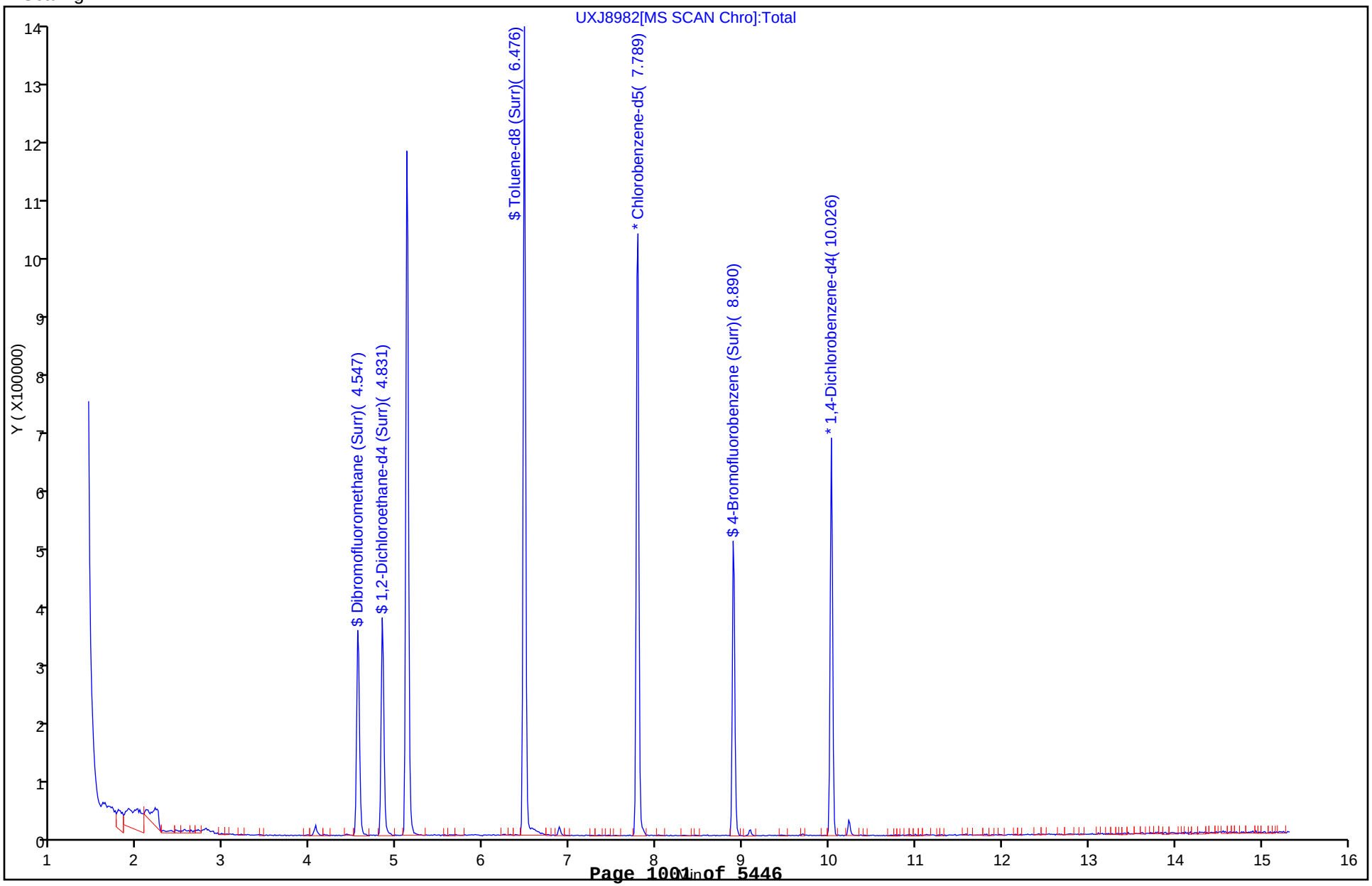
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 13-Dec-2012 08:28:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8982.D		
Injection Date:	12-Dec-2012 17:48:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0069-0001-TB	Instrument ID:	A3UX11
Lims Batch ID:	68395	Lims Sample ID:	16
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0092-0001-SO | Lab Sample ID: 240-18544-10

Matrix: Solid | Lab File ID: UX82475.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 13:25

Sample wt/vol: 5.549(g) | Date Analyzed: 12/15/2012 04:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.5 | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	6.2	U	20	6.2	6.2
71-43-2	Benzene	0.49	U	4.9	0.49	0.23
74-97-5	Bromochloromethane	0.98	U	4.9	0.98	0.70
75-27-4	Bromodichloromethane	0.49	U	4.9	0.49	0.28
75-25-2	Bromoform	0.49	U	4.9	0.49	0.33
74-83-9	Bromomethane	0.98	U	4.9	0.98	0.53
78-93-3	2-Butanone (MEK)	2.0	U	20	2.0	1.4
75-15-0	Carbon disulfide	0.49	U	4.9	0.49	0.43
56-23-5	Carbon tetrachloride	0.49	U	4.9	0.49	0.36
108-90-7	Chlorobenzene	0.49	U	4.9	0.49	0.33
75-00-3	Chloroethane	0.98	U	4.9	0.98	0.85
67-66-3	Chloroform	0.49	U	4.9	0.49	0.29
74-87-3	Chloromethane	0.49	U	4.9	0.49	0.40
10061-01-5	cis-1,3-Dichloropropene	0.49	U	4.9	0.49	0.33
124-48-1	Dibromochloromethane	0.98	U	4.9	0.98	0.54
106-93-4	1,2-Dibromoethane	0.98	U	4.9	0.98	0.49
75-34-3	1,1-Dichloroethane	0.49	U	4.9	0.49	0.35
107-06-2	1,2-Dichloroethane	0.49	U	4.9	0.49	0.33
75-35-4	1,1-Dichloroethene	0.98	U	4.9	0.98	0.51
540-59-0	1,2-Dichloroethene, Total	0.98	U	9.8	0.98	0.76
78-87-5	1,2-Dichloropropane	0.98	U	4.9	0.98	0.68
100-41-4	Ethylbenzene	0.49	U	4.9	0.49	0.26
591-78-6	2-Hexanone	1.5	J	20	0.98	0.62
75-09-2	Methylene Chloride	0.98	U	4.9	0.98	0.66
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	J	20	0.98	0.53
100-42-5	Styrene	0.49	U	4.9	0.49	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.49	U	4.9	0.49	0.33
127-18-4	Tetrachloroethene	0.98	U	4.9	0.98	0.51
108-88-3	Toluene	0.84	J	4.9	0.49	0.27
10061-02-6	trans-1,3-Dichloropropene	0.98	U	4.9	0.98	0.53
71-55-6	1,1,1-Trichloroethane	0.98	U	4.9	0.98	0.55
79-00-5	1,1,2-Trichloroethane	0.49	U	4.9	0.49	0.38
79-01-6	Trichloroethene	0.49	U	4.9	0.49	0.41
75-01-4	Vinyl chloride	0.49	U	4.9	0.49	0.38
1330-20-7	Xylenes, Total	1.5	U	9.8	1.5	0.66

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0092-0001-SO Lab Sample ID: 240-18544-10

Matrix: Solid Lab File ID: UX82475.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 13:25

Sample wt/vol: 5.549(g) Date Analyzed: 12/15/2012 04:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.5 Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		85-120
1868-53-7	Dibromofluoromethane (Surr)	97		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		61-130
2037-26-5	Toluene-d8 (Surr)	99		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82475.D
Lims ID: 240-18544-B-10-A Client ID: 076SB-0092-0001-SO
Inject. Date: 15-Dec-2012 04:38:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015873-022
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 21
Lims Batch ID: 68830 Lims Sample ID: 22
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 15:11:31

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.158	-0.003	99	1640917	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.678	0.008	90	1215228	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.874	9.878	-0.004	98	613691	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.622	4.626	-0.004	59	397252	48.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.886	-0.003	92	535561	53.1	
$ 7 Toluene-d8 (Surr)	98	6.420	6.424	-0.004	95	1502286	49.3	
$ 131 4-Bromofluorobenzene (Surr)	95	8.762	8.754	0.008	95	536533	51.4	
13 Chloromethane	50		1.752					
14 Vinyl chloride	62		1.870					
15 Bromomethane	94		2.177					
16 Chloroethane	64		2.272					
21 1,1-Dichloroethene	96		2.923					
22 Acetone	43		2.958					
26 Carbon disulfide	76		3.112					
30 Methylene Chloride	84		3.301					
34 Methyl tert-butyl ether	73		3.514					
33 trans-1,2-Dichloroethene	96		3.526					
36 1,1-Dichloroethane	63		3.833					
42 cis-1,2-Dichloroethene	96		4.271					
41 2-Butanone (MEK)	43		4.271					9
47 Chlorobromomethane	128		4.449					
49 Chloroform	83		4.508					
50 1,1,1-Trichloroethane	97		4.661					
53 Carbon tetrachloride	117		4.803					
55 Benzene	78		4.945					9
56 1,2-Dichloroethane	62		4.945					
60 Trichloroethene	130		5.442					
62 1,2-Dichloropropane	63		5.620					
67 Dichlorobromomethane	83		5.821					
70 cis-1,3-Dichloropropene	75		6.187					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43	6.302	6.306	-0.004	85	12173	1.06	
72 Toluene	91	6.479	6.483	-0.004	78	25662	0.8535	
73 trans-1,3-Dichloropropene	75		6.637					
75 1,1,2-Trichloroethane	97		6.802					
77 Tetrachloroethene	164		6.956					
78 2-Hexanone	43	7.012	7.003	0.009	62	12589	1.55	
79 Chlorodibromomethane	129		7.157					
123 Ethylene Dibromide	107		7.276					
82 Chlorobenzene	112		7.713					9
84 Ethylbenzene	106		7.796					
10 m-Xylene & p-Xylene	106		7.902					9
85 o-Xylene	106		8.269					9
86 Styrene	104		8.281					9
87 Bromoform	173		8.458					
90 1,1,2,2-Tetrachloroethane	83		8.872					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

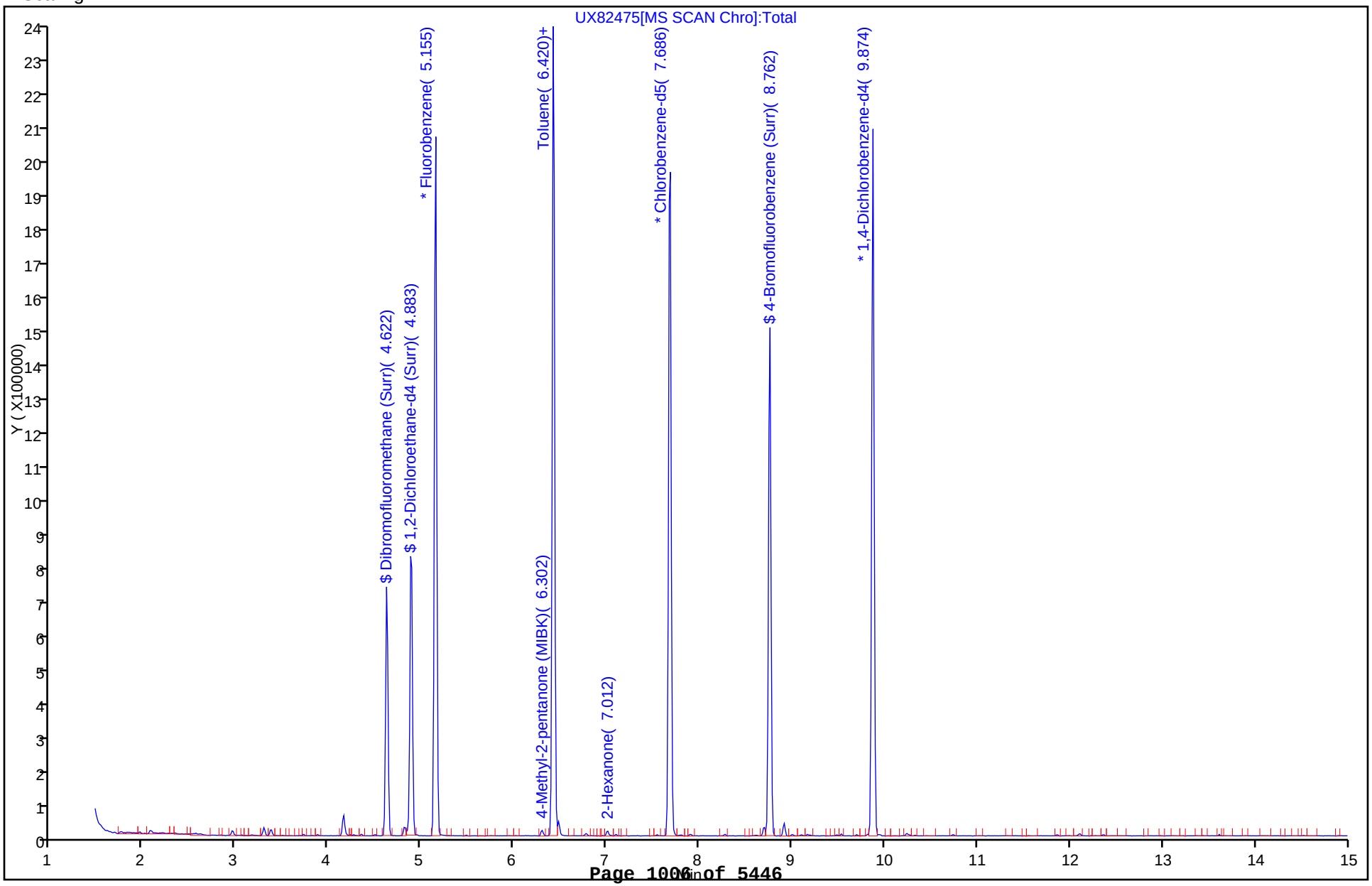
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 18-Dec-2012 02:06:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82475.D		
Injection Date:	15-Dec-2012 04:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0092-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	22
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



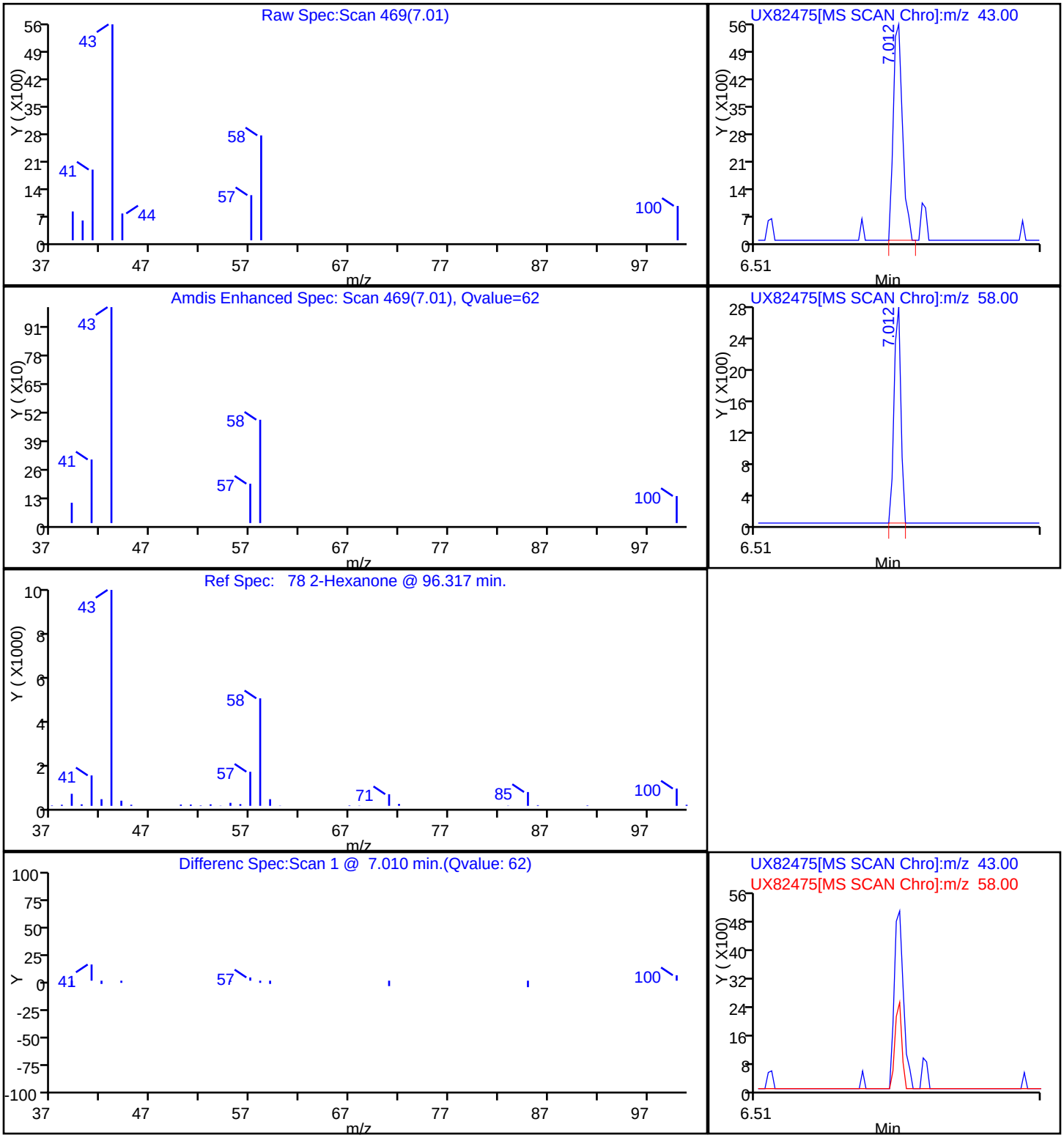
Report Date: 18-Dec-2012 02:06:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82475.D

Injection Date:	15-Dec-2012 04:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0092-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	22
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

78 2-Hexanone



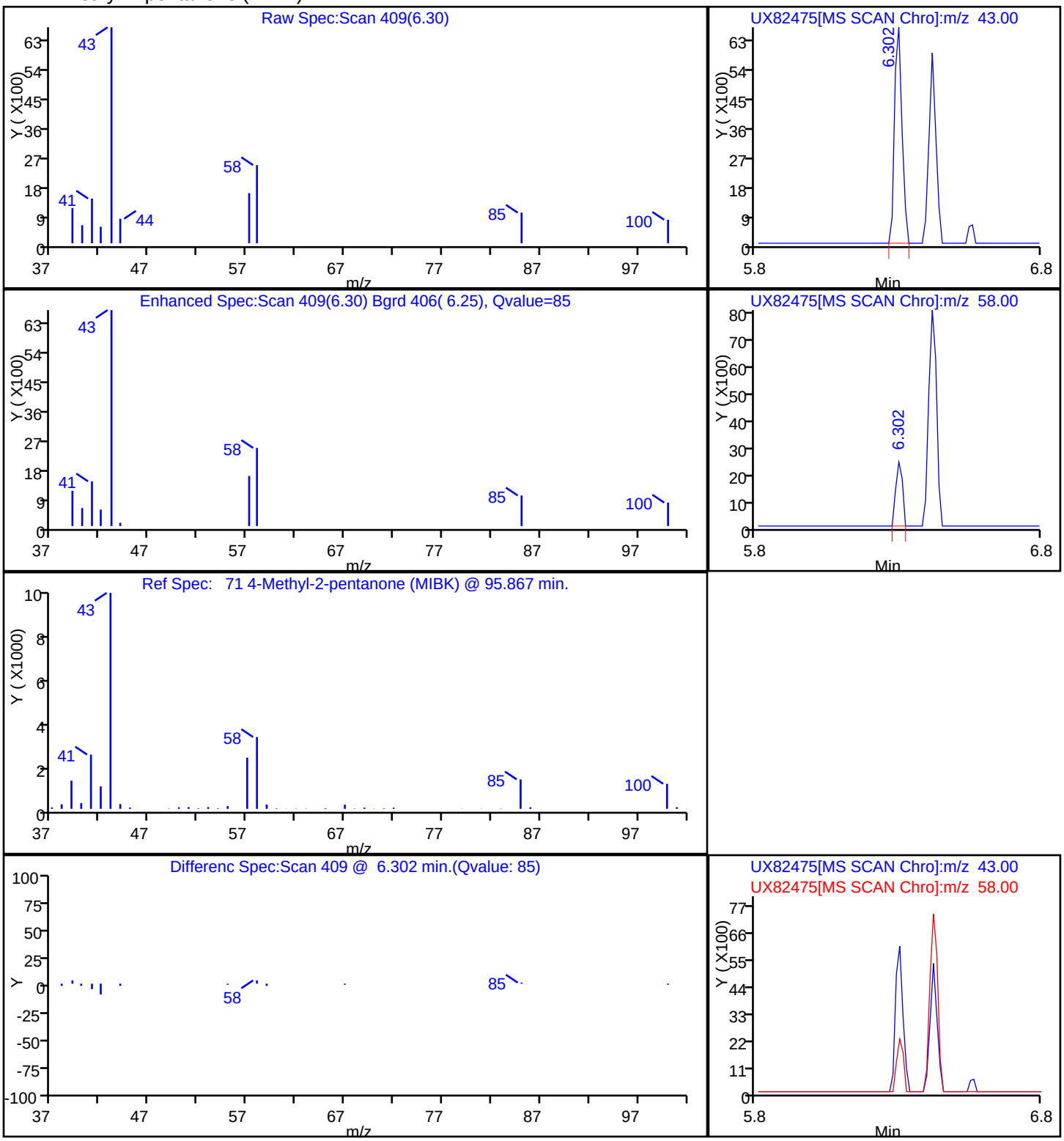
Report Date: 18-Dec-2012 02:06:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82475.D

Injection Date:	15-Dec-2012 04:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0092-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	22
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

71 4-Methyl-2-pentanone (MIBK)



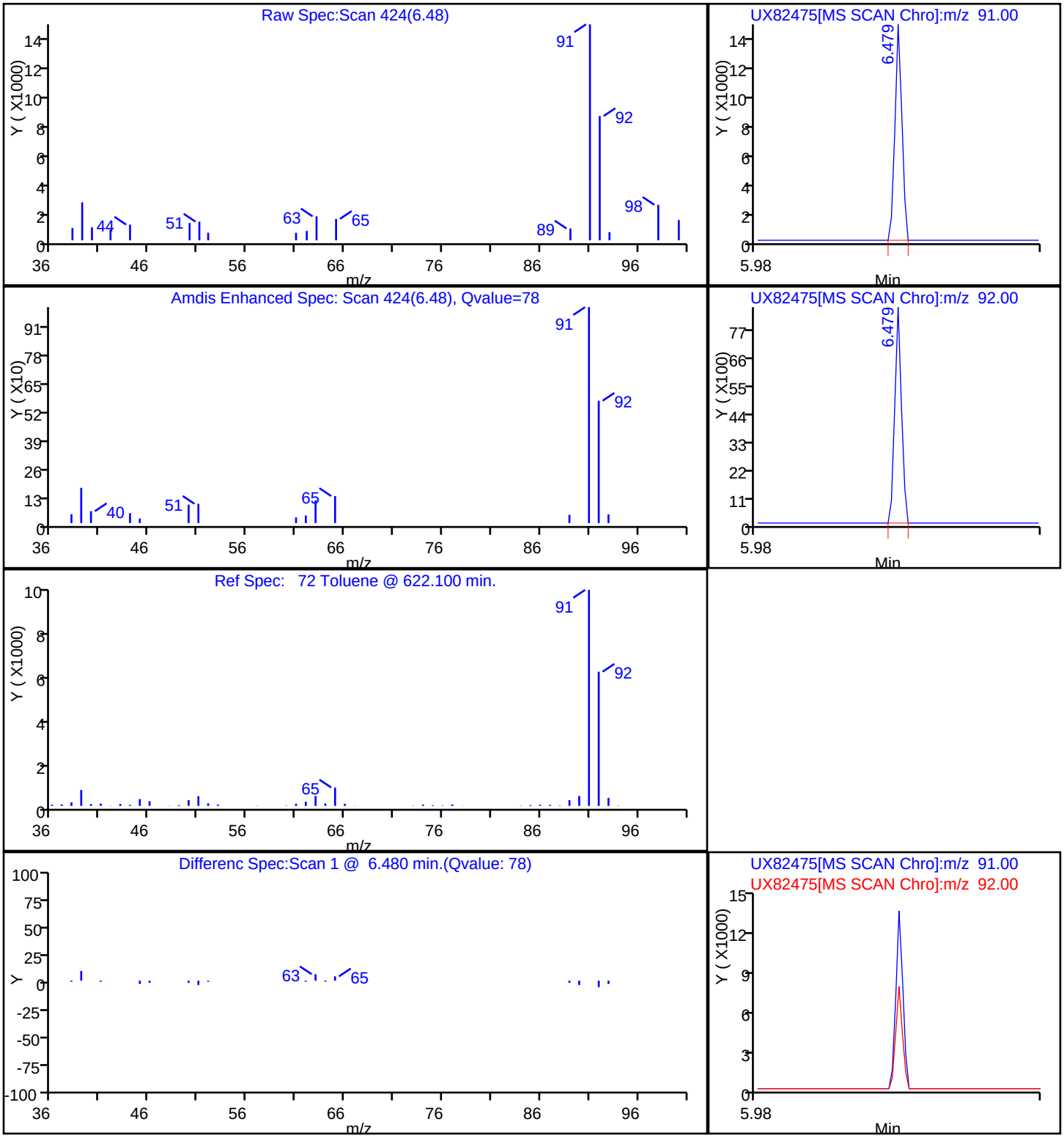
Report Date: 18-Dec-2012 02:06:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82475.D

Injection Date:	15-Dec-2012 04:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0092-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	22
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0093-0001-SO | Lab Sample ID: 240-18544-11

Matrix: Solid | Lab File ID: UX82476.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 13:25

Sample wt/vol: 4.553(g) | Date Analyzed: 12/15/2012 04:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.5 | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	7.6	U	24	7.6	7.6
71-43-2	Benzene	0.60	U	6.0	0.60	0.28
74-97-5	Bromochloromethane	1.2	U	6.0	1.2	0.85
75-27-4	Bromodichloromethane	0.60	U	6.0	0.60	0.34
75-25-2	Bromoform	0.60	U	6.0	0.60	0.40
74-83-9	Bromomethane	1.2	U	6.0	1.2	0.65
78-93-3	2-Butanone (MEK)	2.4	U	24	2.4	1.7
75-15-0	Carbon disulfide	0.60	U	6.0	0.60	0.53
56-23-5	Carbon tetrachloride	0.60	U	6.0	0.60	0.44
108-90-7	Chlorobenzene	0.60	U	6.0	0.60	0.40
75-00-3	Chloroethane	1.2	U	6.0	1.2	1.0
67-66-3	Chloroform	0.60	U	6.0	0.60	0.35
74-87-3	Chloromethane	0.60	U	6.0	0.60	0.49
10061-01-5	cis-1,3-Dichloropropene	0.60	U	6.0	0.60	0.41
124-48-1	Dibromochloromethane	1.2	U	6.0	1.2	0.66
106-93-4	1,2-Dibromoethane	1.2	U	6.0	1.2	0.60
75-34-3	1,1-Dichloroethane	0.60	U	6.0	0.60	0.43
107-06-2	1,2-Dichloroethane	0.60	U	6.0	0.60	0.41
75-35-4	1,1-Dichloroethene	1.2	U	6.0	1.2	0.62
540-59-0	1,2-Dichloroethene, Total	1.2	U	12	1.2	0.92
78-87-5	1,2-Dichloropropane	1.2	U	6.0	1.2	0.83
100-41-4	Ethylbenzene	0.60	U	6.0	0.60	0.31
591-78-6	2-Hexanone	1.2	U	24	1.2	0.76
75-09-2	Methylene Chloride	1.2	U	6.0	1.2	0.80
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	24	1.2	0.65
100-42-5	Styrene	0.60	U	6.0	0.60	0.18
79-34-5	1,1,2,2-Tetrachloroethane	0.60	U	6.0	0.60	0.41
127-18-4	Tetrachloroethene	1.2	U	6.0	1.2	0.62
108-88-3	Toluene	1.1	J	6.0	0.60	0.32
10061-02-6	trans-1,3-Dichloropropene	1.2	U	6.0	1.2	0.65
71-55-6	1,1,1-Trichloroethane	1.2	U	6.0	1.2	0.67
79-00-5	1,1,2-Trichloroethane	0.60	U	6.0	0.60	0.47
79-01-6	Trichloroethene	0.60	U	6.0	0.60	0.50
75-01-4	Vinyl chloride	0.60	U	6.0	0.60	0.47
1330-20-7	Xylenes, Total	1.8	U	12	1.8	0.80

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0093-0001-SO Lab Sample ID: 240-18544-11

Matrix: Solid Lab File ID: UX82476.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 13:25

Sample wt/vol: 4.553(g) Date Analyzed: 12/15/2012 04:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.5 Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		85-120
1868-53-7	Dibromofluoromethane (Surr)	94		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		61-130
2037-26-5	Toluene-d8 (Surr)	92		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82476.D
Lims ID: 240-18544-B-11-A Client ID: 076SB-0093-0001-SO
Inject. Date: 15-Dec-2012 04:59:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015873-023
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 22
Lims Batch ID: 68830 Lims Sample ID: 23
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 15:13:00

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.158	5.158	0.0	100	1641653	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.678	-0.001	90	1178282	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.878	-0.001	99	595976	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.626	-0.001	58	388926	47.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.885	4.886	-0.001	92	517102	50.9	
$ 7 Toluene-d8 (Surr)	98	6.423	6.424	-0.001	95	1380021	46.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.753	8.754	-0.001	92	484898	47.2	
13 Chloromethane	50		1.752					
14 Vinyl chloride	62		1.870					
15 Bromomethane	94		2.177					
16 Chloroethane	64		2.272					
21 1,1-Dichloroethene	96		2.923					
22 Acetone	43		2.958					
26 Carbon disulfide	76		3.112					
30 Methylene Chloride	84		3.301					
34 Methyl tert-butyl ether	73		3.514					
33 trans-1,2-Dichloroethene	96		3.526					
36 1,1-Dichloroethane	63		3.833					
42 cis-1,2-Dichloroethene	96		4.271					
41 2-Butanone (MEK)	43		4.271					9
47 Chlorobromomethane	128		4.449					
49 Chloroform	83		4.508					
50 1,1,1-Trichloroethane	97		4.661					
53 Carbon tetrachloride	117		4.803					
55 Benzene	78		4.945					
56 1,2-Dichloroethane	62		4.945					
60 Trichloroethene	130		5.442					
62 1,2-Dichloropropane	63		5.620					
67 Dichlorobromomethane	83		5.821					
70 cis-1,3-Dichloropropene	75		6.187					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.306					9
72 Toluene	91	6.482	6.483	-0.001	78	26520	0.9097	
73 trans-1,3-Dichloropropene	75		6.637					
75 1,1,2-Trichloroethane	97		6.802					
77 Tetrachloroethene	164		6.956					
78 2-Hexanone	43		7.003					9
79 Chlorodibromomethane	129		7.157					
123 Ethylene Dibromide	107		7.276					
82 Chlorobenzene	112		7.713					
84 Ethylbenzene	106		7.796					
10 m-Xylene & p-Xylene	106		7.902					
85 o-Xylene	106		8.269					
86 Styrene	104		8.281					
87 Bromoform	173		8.458					
90 1,1,2,2-Tetrachloroethane	83		8.872					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

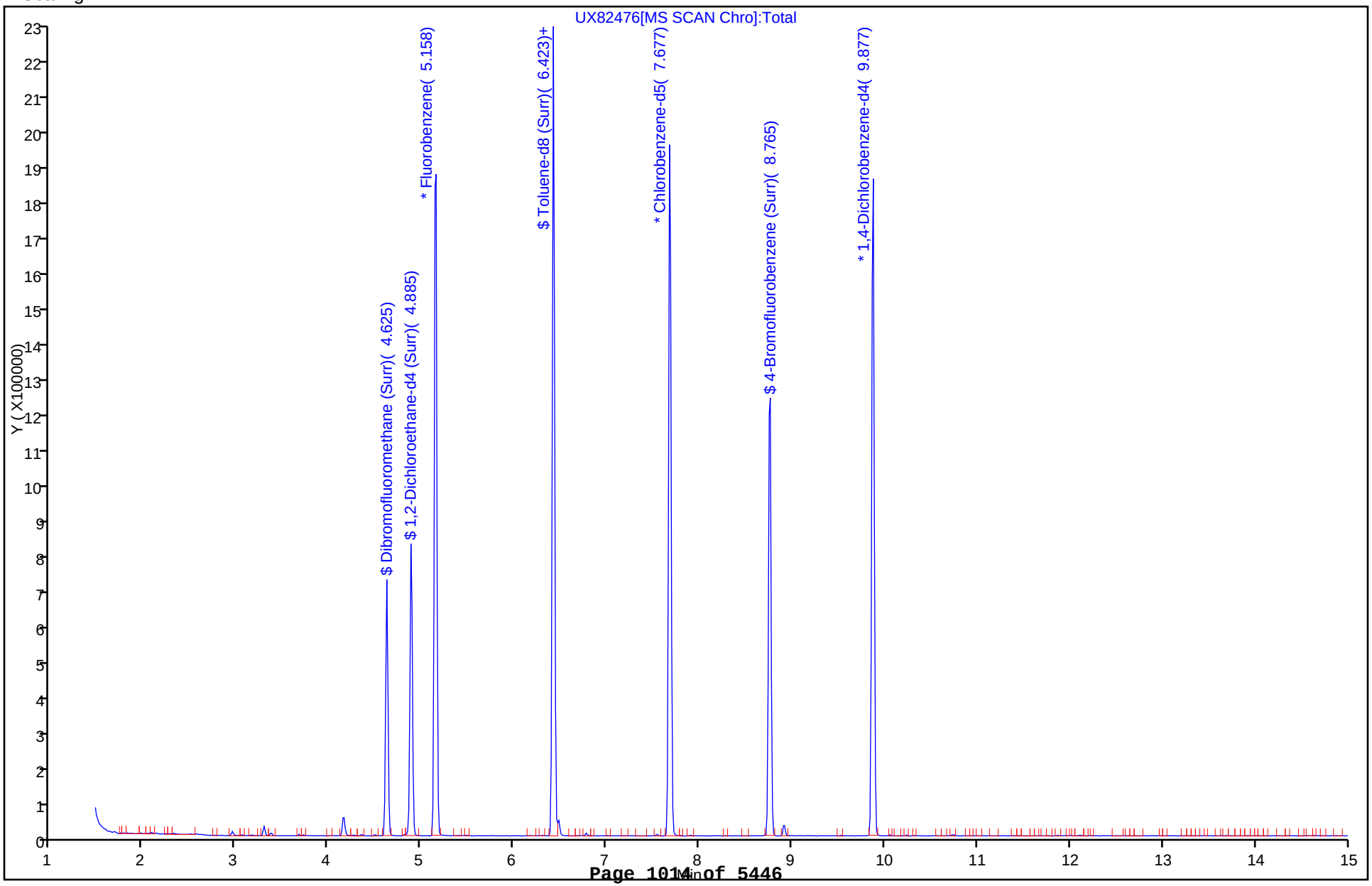
Report Date: 18-Dec-2012 02:06:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82476.D

Injection Date:	15-Dec-2012 04:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0093-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	23
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



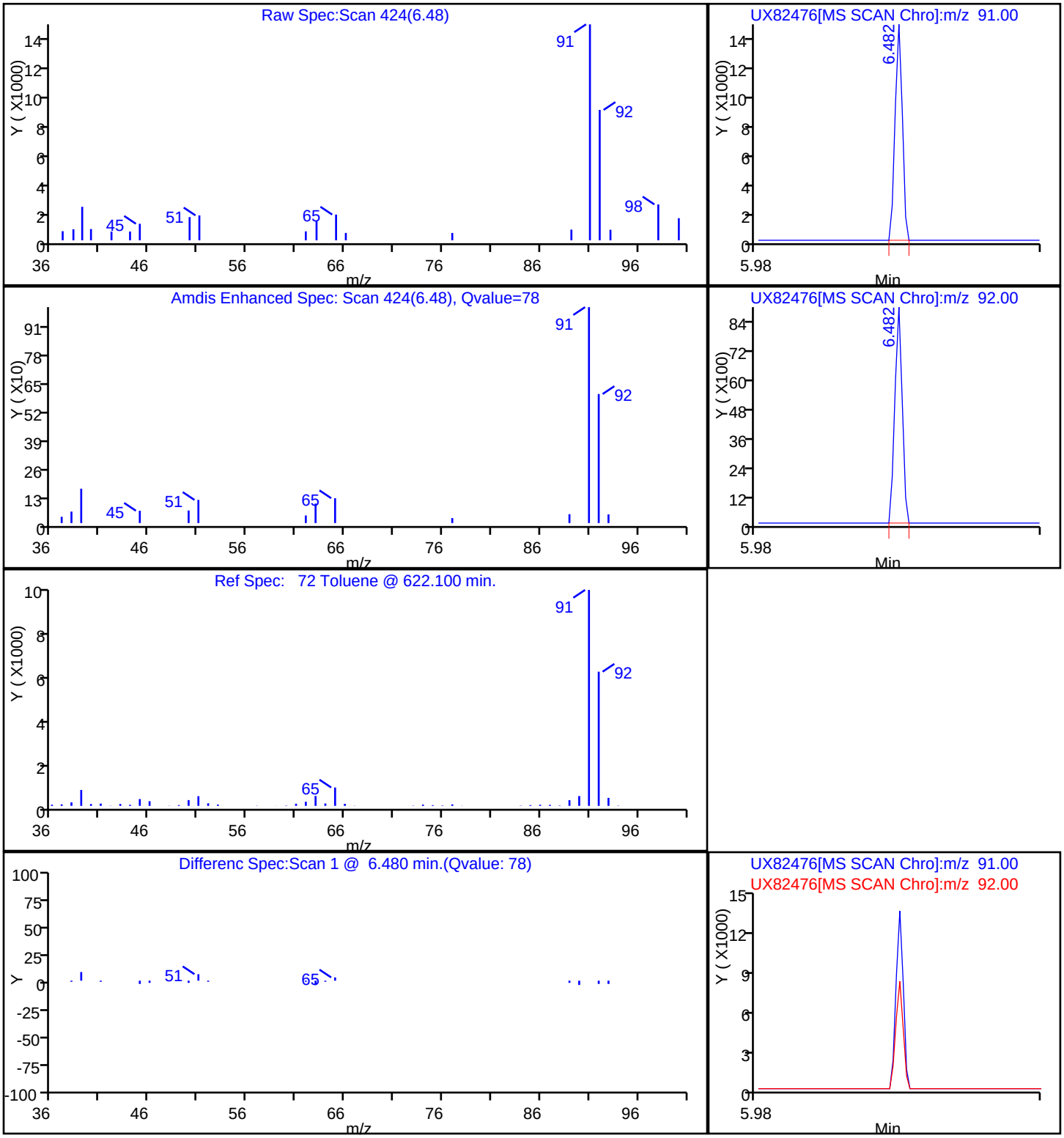
Report Date: 18-Dec-2012 02:06:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82476.D

Injection Date:	15-Dec-2012 04:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0093-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	23
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0094-0001-SO | Lab Sample ID: 240-18544-12

Matrix: Solid | Lab File ID: UX82477.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 13:35

Sample wt/vol: 4.814(g) | Date Analyzed: 12/15/2012 05:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.0 | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	7.2	U	23	7.2	7.2
71-43-2	Benzene	0.57	U	5.7	0.57	0.26
74-97-5	Bromochloromethane	1.1	U	5.7	1.1	0.81
75-27-4	Bromodichloromethane	0.57	U	5.7	0.57	0.32
75-25-2	Bromoform	0.57	U	5.7	0.57	0.38
74-83-9	Bromomethane	1.1	U	5.7	1.1	0.62
78-93-3	2-Butanone (MEK)	2.3	U	23	2.3	1.6
75-15-0	Carbon disulfide	0.57	U	5.7	0.57	0.50
56-23-5	Carbon tetrachloride	0.57	U	5.7	0.57	0.42
108-90-7	Chlorobenzene	0.57	U	5.7	0.57	0.38
75-00-3	Chloroethane	1.1	U	5.7	1.1	0.98
67-66-3	Chloroform	0.57	U	5.7	0.57	0.33
74-87-3	Chloromethane	0.57	U	5.7	0.57	0.47
10061-01-5	cis-1,3-Dichloropropene	0.57	U	5.7	0.57	0.39
124-48-1	Dibromochloromethane	1.1	U	5.7	1.1	0.63
106-93-4	1,2-Dibromoethane	1.1	U	5.7	1.1	0.57
75-34-3	1,1-Dichloroethane	0.57	U	5.7	0.57	0.41
107-06-2	1,2-Dichloroethane	0.57	U	5.7	0.57	0.39
75-35-4	1,1-Dichloroethene	1.1	U	5.7	1.1	0.59
540-59-0	1,2-Dichloroethene, Total	1.1	U	11	1.1	0.88
78-87-5	1,2-Dichloropropane	1.1	U	5.7	1.1	0.79
100-41-4	Ethylbenzene	0.57	U	5.7	0.57	0.30
591-78-6	2-Hexanone	1.1	U	23	1.1	0.72
75-09-2	Methylene Chloride	1.1	U	5.7	1.1	0.77
108-10-1	4-Methyl-2-pentanone (MIBK)	1.1	U	23	1.1	0.62
100-42-5	Styrene	0.57	U	5.7	0.57	0.17
79-34-5	1,1,2,2-Tetrachloroethane	0.57	U	5.7	0.57	0.39
127-18-4	Tetrachloroethene	1.1	U	5.7	1.1	0.59
108-88-3	Toluene	1.0	J	5.7	0.57	0.31
10061-02-6	trans-1,3-Dichloropropene	1.1	U	5.7	1.1	0.62
71-55-6	1,1,1-Trichloroethane	1.1	U	5.7	1.1	0.64
79-00-5	1,1,2-Trichloroethane	0.57	U	5.7	0.57	0.45
79-01-6	Trichloroethene	0.57	U	5.7	0.57	0.48
75-01-4	Vinyl chloride	0.57	U	5.7	0.57	0.45
1330-20-7	Xylenes, Total	1.7	U	11	1.7	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0094-0001-SO Lab Sample ID: 240-18544-12

Matrix: Solid Lab File ID: UX82477.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 13:35

Sample wt/vol: 4.814(g) Date Analyzed: 12/15/2012 05:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.0 Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	81	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	85		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		61-130
2037-26-5	Toluene-d8 (Surr)	89		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82477.D
Lims ID: 240-18544-B-12-A Client ID: 076SB-0094-0001-SO
Inject. Date: 15-Dec-2012 05:20:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015873-024
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 23
Lims Batch ID: 68830 Lims Sample ID: 24
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 15:13:43

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.158	-0.002	99	1690422	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	90	1157642	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.878	-0.002	99	519692	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.626	-0.002	59	370922	42.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.886	-0.002	92	452943	41.6	
$ 7 Toluene-d8 (Surr)	98	6.422	6.424	-0.002	95	1312287	44.4	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.754	0.010	95	420890	40.4	
13 Chloromethane	50		1.752					
14 Vinyl chloride	62		1.870					
15 Bromomethane	94		2.177					
16 Chloroethane	64		2.272					
21 1,1-Dichloroethene	96		2.923					
22 Acetone	43		2.958					
26 Carbon disulfide	76		3.112					
30 Methylene Chloride	84	3.299	3.301	-0.002	89	17653	0.6009	
34 Methyl tert-butyl ether	73		3.514					
33 trans-1,2-Dichloroethene	96		3.526					
36 1,1-Dichloroethane	63		3.833					
42 cis-1,2-Dichloroethene	96		4.271					
41 2-Butanone (MEK)	43		4.271					
47 Chlorobromomethane	128		4.449					
49 Chloroform	83		4.508					
50 1,1,1-Trichloroethane	97		4.661					
53 Carbon tetrachloride	117		4.803					
55 Benzene	78		4.945					
56 1,2-Dichloroethane	62		4.945					
60 Trichloroethene	130		5.442					
62 1,2-Dichloropropane	63		5.620					
67 Dichlorobromomethane	83		5.821					
70 cis-1,3-Dichloropropene	75		6.187					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.306					
72 Toluene	91	6.481	6.483	-0.002	78	26292	0.9180	
73 trans-1,3-Dichloropropene	75		6.637					
75 1,1,2-Trichloroethane	97		6.802					
77 Tetrachloroethene	164		6.956					
78 2-Hexanone	43		7.003					9
79 Chlorodibromomethane	129		7.157					
123 Ethylene Dibromide	107		7.276					
82 Chlorobenzene	112		7.713					
84 Ethylbenzene	106		7.796					
10 m-Xylene & p-Xylene	106		7.902					
85 o-Xylene	106		8.269					
86 Styrene	104		8.281					
87 Bromoform	173		8.458					
90 1,1,2,2-Tetrachloroethane	83		8.872					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

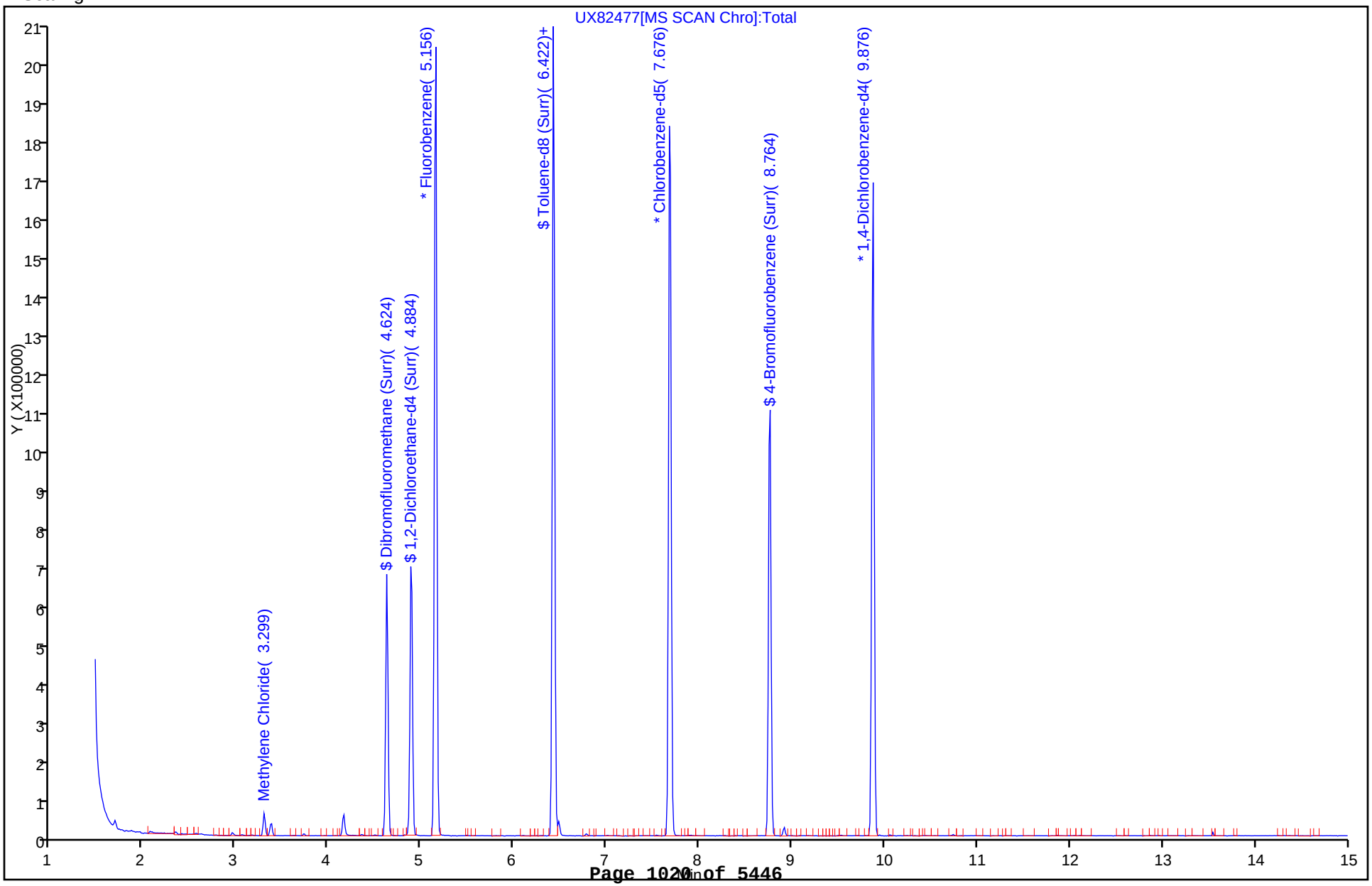
Report Date: 18-Dec-2012 02:06:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82477.D

Injection Date:	15-Dec-2012 05:20:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0094-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	24
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:

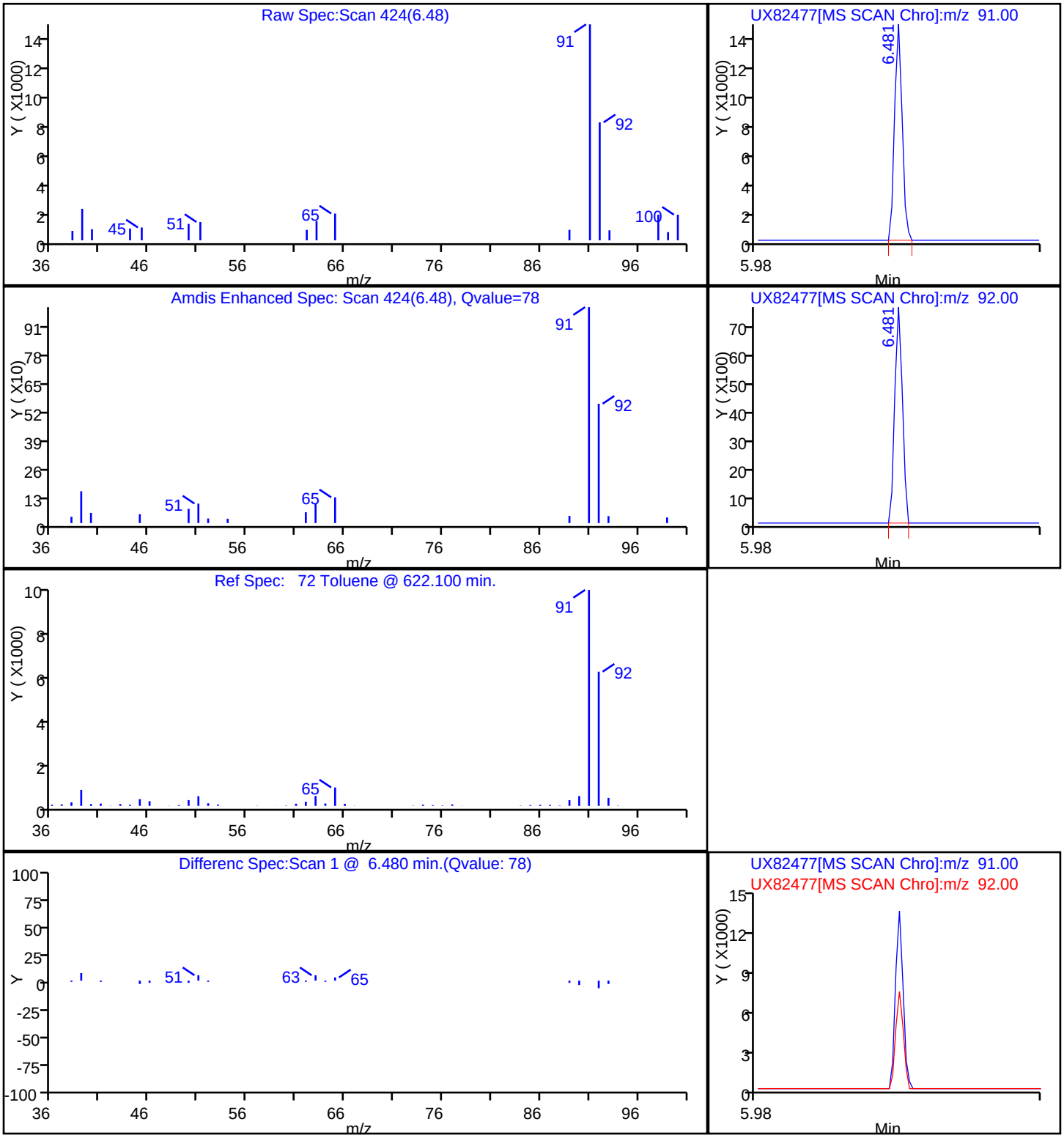


Report Date: 18-Dec-2012 02:06:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82477.D		
Injection Date:	15-Dec-2012 05:20:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0094-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	24
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0095-0001-SO | Lab Sample ID: 240-18544-13

Matrix: Solid | Lab File ID: UX82500.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 13:35

Sample wt/vol: 5.034(g) | Date Analyzed: 12/15/2012 19:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.0 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	7.3	U	23	7.3	7.3
71-43-2	Benzene	0.58	U	5.8	0.58	0.27
74-97-5	Bromochloromethane	1.2	U	5.8	1.2	0.82
75-27-4	Bromodichloromethane	0.58	U	5.8	0.58	0.32
75-25-2	Bromoform	0.58	U	5.8	0.58	0.38
74-83-9	Bromomethane	1.2	U	5.8	1.2	0.62
78-93-3	2-Butanone (MEK)	2.3	U	23	2.3	1.6
75-15-0	Carbon disulfide	0.58	U	5.8	0.58	0.51
56-23-5	Carbon tetrachloride	0.58	U	5.8	0.58	0.43
108-90-7	Chlorobenzene	0.58	U	5.8	0.58	0.38
75-00-3	Chloroethane	1.2	U	5.8	1.2	0.99
67-66-3	Chloroform	0.58	U	5.8	0.58	0.33
74-87-3	Chloromethane	0.58	U	5.8	0.58	0.47
10061-01-5	cis-1,3-Dichloropropene	0.58	U	5.8	0.58	0.39
124-48-1	Dibromochloromethane	1.2	U	5.8	1.2	0.64
106-93-4	1,2-Dibromoethane	1.2	U	5.8	1.2	0.58
75-34-3	1,1-Dichloroethane	0.58	U	5.8	0.58	0.42
107-06-2	1,2-Dichloroethane	0.58	U	5.8	0.58	0.39
75-35-4	1,1-Dichloroethene	1.2	U	5.8	1.2	0.60
540-59-0	1,2-Dichloroethene, Total	1.2	U	12	1.2	0.89
78-87-5	1,2-Dichloropropane	1.2	U	5.8	1.2	0.80
100-41-4	Ethylbenzene	0.58	U	5.8	0.58	0.30
591-78-6	2-Hexanone	1.2	U	23	1.2	0.73
75-09-2	Methylene Chloride	1.4	J	5.8	1.2	0.77
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	23	1.2	0.62
100-42-5	Styrene	0.58	U	5.8	0.58	0.17
79-34-5	1,1,2,2-Tetrachloroethane	0.58	U	5.8	0.58	0.39
127-18-4	Tetrachloroethene	1.2	U	5.8	1.2	0.60
108-88-3	Toluene	2.7	J	5.8	0.58	0.31
10061-02-6	trans-1,3-Dichloropropene	1.2	U	5.8	1.2	0.62
71-55-6	1,1,1-Trichloroethane	1.2	U	5.8	1.2	0.65
79-00-5	1,1,2-Trichloroethane	0.58	U	5.8	0.58	0.45
79-01-6	Trichloroethene	0.58	U	5.8	0.58	0.48
75-01-4	Vinyl chloride	0.58	U	5.8	0.58	0.45
1330-20-7	Xylenes, Total	1.7	U	12	1.7	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0095-0001-SO Lab Sample ID: 240-18544-13

Matrix: Solid Lab File ID: UX82500.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 13:35

Sample wt/vol: 5.034(g) Date Analyzed: 12/15/2012 19:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.0 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	93		85-120
1868-53-7	Dibromofluoromethane (Surr)	100		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		61-130
2037-26-5	Toluene-d8 (Surr)	102		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82500.D
Lims ID: 240-18544-C-13-A Client ID: 076SB-0095-0001-SO
Inject. Date: 15-Dec-2012 19:56:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-009
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 8
Lims Batch ID: 68879 Lims Sample ID: 9
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 15-Dec-2012 20:23:35

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.146	5.147	-0.001	99	1537791	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.678	-0.001	92	1098979	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.878	-0.001	98	483260	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.624	0.002	58	381860	49.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.884	0.002	92	485900	51.1	
$ 7 Toluene-d8 (Surr)	98	6.424	6.421	0.003	95	1397104	51.0	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.763	-0.009	91	446301	46.4	
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
21 1,1-Dichloroethene	96		2.932					
22 Acetone	43		2.956					
26 Carbon disulfide	76		3.109					
30 Methylene Chloride	84	3.301	3.299	0.002	80	20092	1.22	
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43		4.269					9
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					9
50 1,1,1-Trichloroethane	97		4.671					
53 Carbon tetrachloride	117		4.801					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					9
60 Trichloroethene	130		5.440					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.830					
70 cis-1,3-Dichloropropene	75		6.185					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.303					9
72 Toluene	91	6.483	6.481	0.002	90	63356	2.33	
73 trans-1,3-Dichloropropene	75		6.646					
75 1,1,2-Trichloroethane	97		6.800					
77 Tetrachloroethene	164		6.966					
78 2-Hexanone	43		7.001					9
79 Chlorodibromomethane	129		7.155					
123 Ethylene Dibromide	107		7.273					
82 Chlorobenzene	112		7.711					
84 Ethylbenzene	106		7.794					
10 m-Xylene & p-Xylene	106		7.900					9
85 o-Xylene	106		8.267					
86 Styrene	104		8.279					
87 Bromoform	173		8.456					
90 1,1,2,2-Tetrachloroethane	83		8.870					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

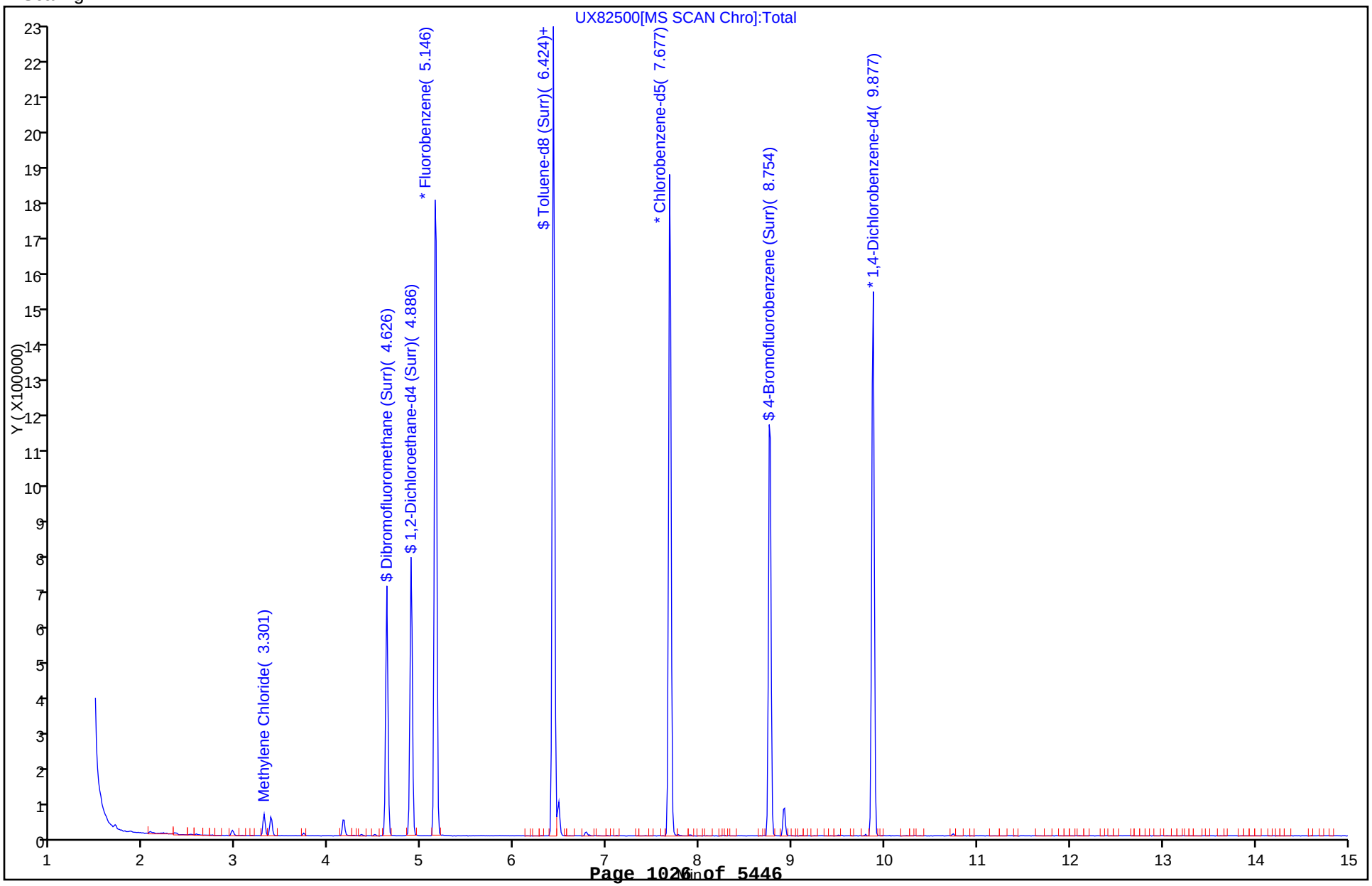
Report Date: 19-Dec-2012 02:39:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82500.D

Injection Date:	15-Dec-2012 19:56:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0095-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	9
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



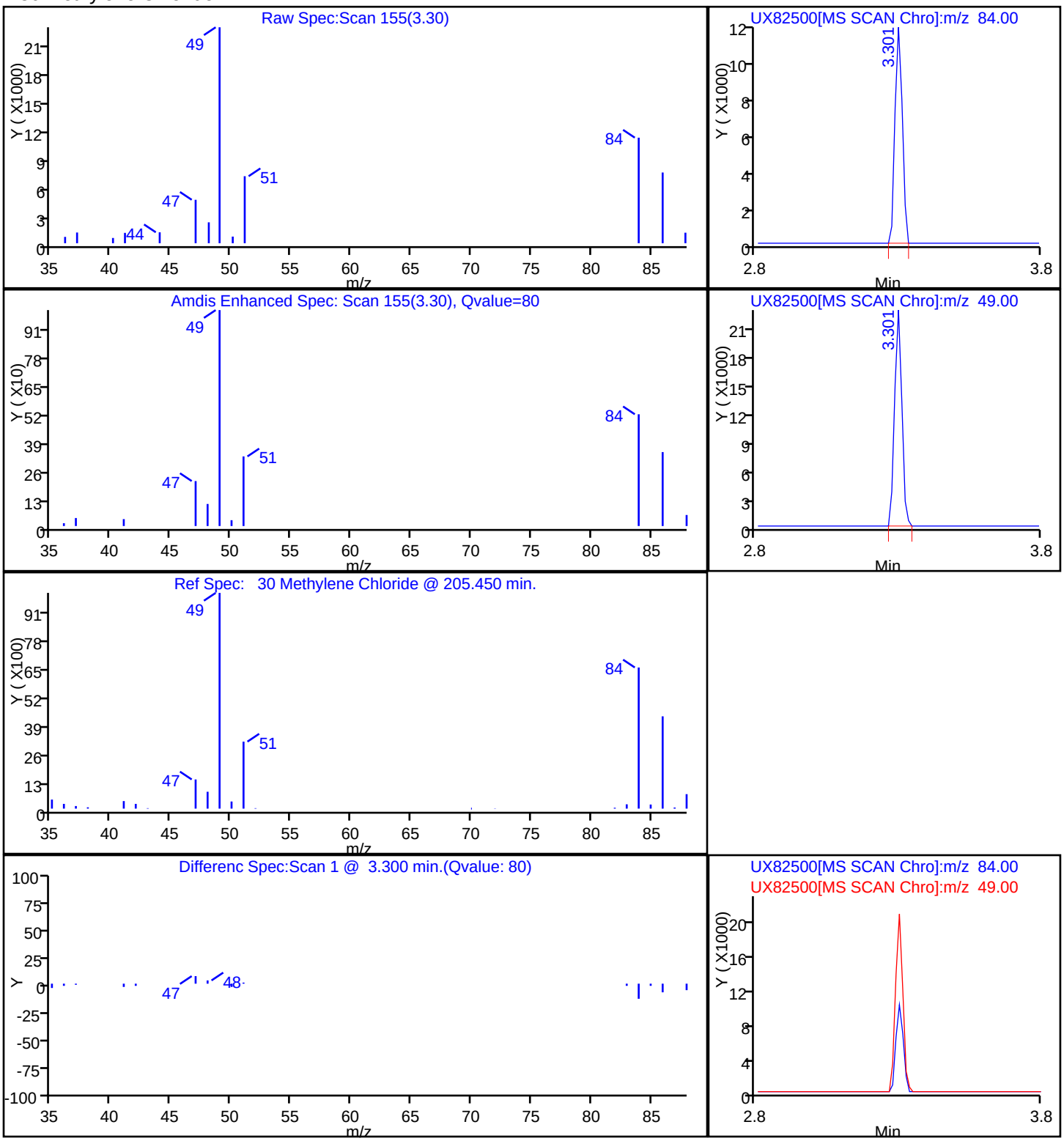
Report Date: 19-Dec-2012 02:39:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82500.D

Injection Date:	15-Dec-2012 19:56:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0095-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	9
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

30 Methylene Chloride



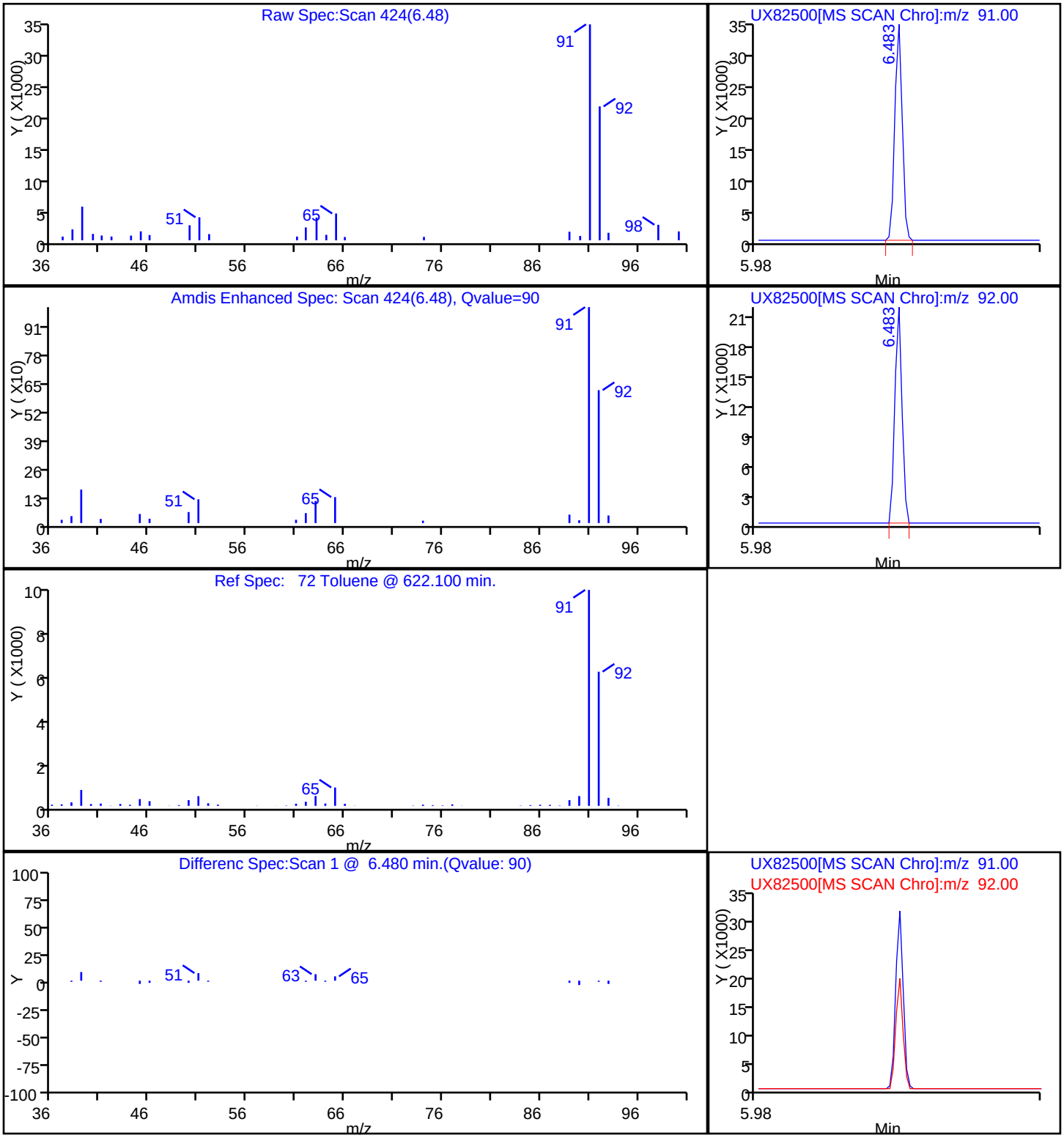
Report Date: 19-Dec-2012 02:39:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82500.D

Injection Date:	15-Dec-2012 19:56:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0095-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	9
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0096-0001-SO | Lab Sample ID: 240-18544-14

Matrix: Solid | Lab File ID: UX82479.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 14:08

Sample wt/vol: 6.056(g) | Date Analyzed: 12/15/2012 06:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.6 | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	5.9	U	19	5.9	5.9
71-43-2	Benzene	0.47	U	4.7	0.47	0.21
74-97-5	Bromochloromethane	0.93	U	4.7	0.93	0.66
75-27-4	Bromodichloromethane	0.47	U	4.7	0.47	0.26
75-25-2	Bromoform	0.47	U	4.7	0.47	0.31
74-83-9	Bromomethane	0.93	U	4.7	0.93	0.50
78-93-3	2-Butanone (MEK)	1.9	U	19	1.9	1.3
75-15-0	Carbon disulfide	0.47	U	4.7	0.47	0.41
56-23-5	Carbon tetrachloride	0.47	U	4.7	0.47	0.35
108-90-7	Chlorobenzene	0.47	U	4.7	0.47	0.31
75-00-3	Chloroethane	0.93	U	4.7	0.93	0.80
67-66-3	Chloroform	0.47	U	4.7	0.47	0.27
74-87-3	Chloromethane	0.47	U	4.7	0.47	0.38
10061-01-5	cis-1,3-Dichloropropene	0.47	U	4.7	0.47	0.32
124-48-1	Dibromochloromethane	0.93	U	4.7	0.93	0.51
106-93-4	1,2-Dibromoethane	0.93	U	4.7	0.93	0.47
75-34-3	1,1-Dichloroethane	0.47	U	4.7	0.47	0.34
107-06-2	1,2-Dichloroethane	0.47	U	4.7	0.47	0.32
75-35-4	1,1-Dichloroethene	0.93	U	4.7	0.93	0.49
540-59-0	1,2-Dichloroethene, Total	0.93	U	9.3	0.93	0.72
78-87-5	1,2-Dichloropropane	0.93	U	4.7	0.93	0.64
100-41-4	Ethylbenzene	0.47	U	4.7	0.47	0.24
591-78-6	2-Hexanone	0.93	U	19	0.93	0.59
75-09-2	Methylene Chloride	0.93	U	4.7	0.93	0.63
108-10-1	4-Methyl-2-pentanone (MIBK)	0.93	U	19	0.93	0.50
100-42-5	Styrene	0.47	U	4.7	0.47	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.47	U	4.7	0.47	0.32
127-18-4	Tetrachloroethene	0.93	U	4.7	0.93	0.49
108-88-3	Toluene	0.94	J	4.7	0.47	0.25
10061-02-6	trans-1,3-Dichloropropene	0.93	U	4.7	0.93	0.50
71-55-6	1,1,1-Trichloroethane	0.93	U	4.7	0.93	0.52
79-00-5	1,1,2-Trichloroethane	0.47	U	4.7	0.47	0.36
79-01-6	Trichloroethene	0.47	U	4.7	0.47	0.39
75-01-4	Vinyl chloride	0.47	U	4.7	0.47	0.36
1330-20-7	Xylenes, Total	1.4	U	9.3	1.4	0.63

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0096-0001-SO Lab Sample ID: 240-18544-14

Matrix: Solid Lab File ID: UX82479.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 14:08

Sample wt/vol: 6.056(g) Date Analyzed: 12/15/2012 06:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.6 Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	92		85-120
1868-53-7	Dibromofluoromethane (Surr)	93		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		61-130
2037-26-5	Toluene-d8 (Surr)	95		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82479.D
Lims ID: 240-18544-B-14-A Client ID: 076SB-0096-0001-SO
Inject. Date: 15-Dec-2012 06:03:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015873-026
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 25
Lims Batch ID: 68830 Lims Sample ID: 26
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 15:15:28

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.158	-0.002	99	1709353	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	90	1198221	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	98	584944	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.626	-0.003	58	402413	46.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.886	-0.002	92	530652	50.0	
$ 7 Toluene-d8 (Surr)	98	6.421	6.424	-0.003	95	1432884	47.4	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.754	0.009	95	482068	45.9	
13 Chloromethane	50		1.752					
14 Vinyl chloride	62		1.870					
15 Bromomethane	94		2.177					
16 Chloroethane	64		2.272					
21 1,1-Dichloroethene	96		2.923					
22 Acetone	43		2.958					
26 Carbon disulfide	76		3.112					
30 Methylene Chloride	84		3.301					
34 Methyl tert-butyl ether	73		3.514					
33 trans-1,2-Dichloroethene	96		3.526					
36 1,1-Dichloroethane	63		3.833					
42 cis-1,2-Dichloroethene	96		4.271					
41 2-Butanone (MEK)	43		4.271					9
47 Chlorobromomethane	128		4.449					
49 Chloroform	83		4.508					
50 1,1,1-Trichloroethane	97		4.661					
53 Carbon tetrachloride	117		4.803					
55 Benzene	78		4.945					
56 1,2-Dichloroethane	62		4.945					
60 Trichloroethene	130		5.442					
62 1,2-Dichloropropane	63		5.620					
67 Dichlorobromomethane	83		5.821					
70 cis-1,3-Dichloropropene	75		6.187					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.306					
72 Toluene	91	6.480	6.483	-0.003	81	29818	1.01	
73 trans-1,3-Dichloropropene	75		6.637					
75 1,1,2-Trichloroethane	97		6.802					
77 Tetrachloroethene	164		6.956					
78 2-Hexanone	43		7.003					9
79 Chlorodibromomethane	129		7.157					
123 Ethylene Dibromide	107		7.276					
82 Chlorobenzene	112		7.713					
84 Ethylbenzene	106		7.796					
10 m-Xylene & p-Xylene	106		7.902					
85 o-Xylene	106		8.269					
86 Styrene	104		8.281					
87 Bromoform	173		8.458					
90 1,1,2,2-Tetrachloroethane	83		8.872					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

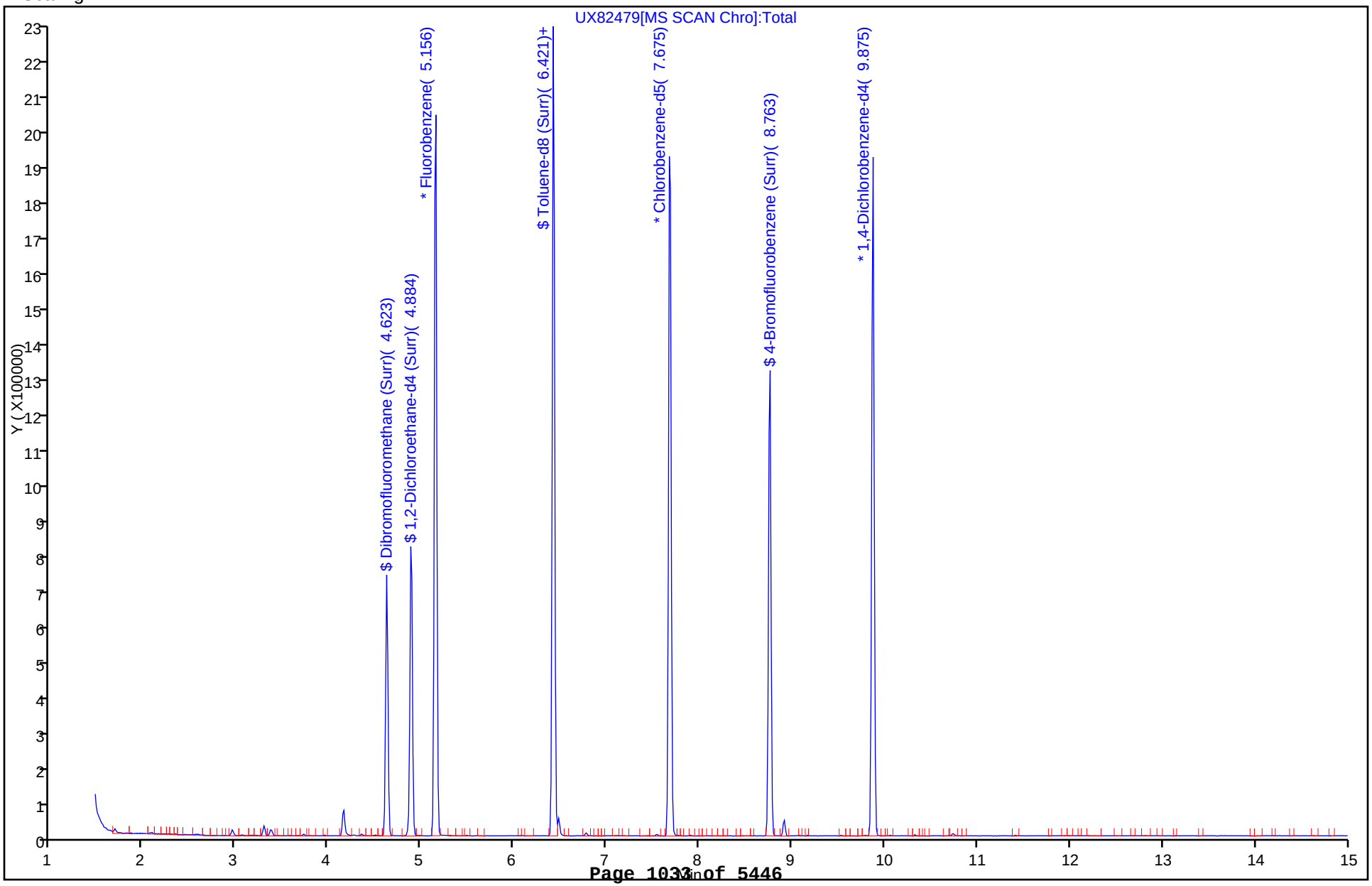
Report Date: 18-Dec-2012 02:06:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82479.D

Injection Date:	15-Dec-2012 06:03:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0096-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	26
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



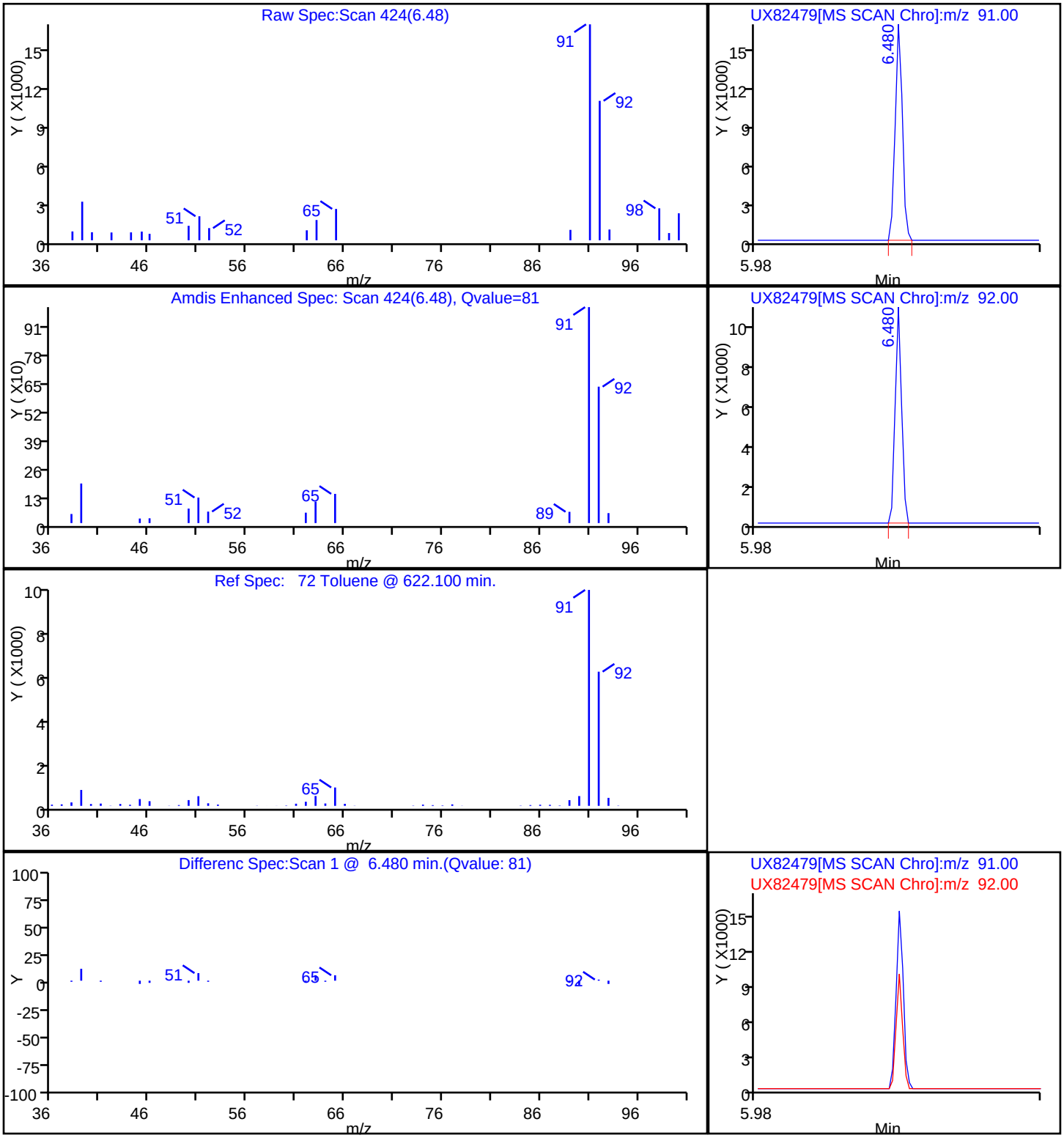
Report Date: 18-Dec-2012 02:06:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82479.D

Injection Date:	15-Dec-2012 06:03:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0096-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	26
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0097-0001-SO | Lab Sample ID: 240-18544-15

Matrix: Solid | Lab File ID: UX82480.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 14:08

Sample wt/vol: 6.317(g) | Date Analyzed: 12/15/2012 06:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.1 | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	5.6	U	18	5.6	5.6
71-43-2	Benzene	0.44	U	4.4	0.44	0.20
74-97-5	Bromochloromethane	0.89	U	4.4	0.89	0.63
75-27-4	Bromodichloromethane	0.44	U	4.4	0.44	0.25
75-25-2	Bromoform	0.44	U	4.4	0.44	0.29
74-83-9	Bromomethane	0.89	U	4.4	0.89	0.48
78-93-3	2-Butanone (MEK)	1.8	U	18	1.8	1.2
75-15-0	Carbon disulfide	0.44	U	4.4	0.44	0.39
56-23-5	Carbon tetrachloride	0.44	U	4.4	0.44	0.33
108-90-7	Chlorobenzene	0.44	U	4.4	0.44	0.29
75-00-3	Chloroethane	0.89	U	4.4	0.89	0.77
67-66-3	Chloroform	0.44	U	4.4	0.44	0.26
74-87-3	Chloromethane	0.44	U	4.4	0.44	0.36
10061-01-5	cis-1,3-Dichloropropene	0.44	U	4.4	0.44	0.30
124-48-1	Dibromochloromethane	0.89	U	4.4	0.89	0.49
106-93-4	1,2-Dibromoethane	0.89	U	4.4	0.89	0.44
75-34-3	1,1-Dichloroethane	0.44	U	4.4	0.44	0.32
107-06-2	1,2-Dichloroethane	0.44	U	4.4	0.44	0.30
75-35-4	1,1-Dichloroethene	0.89	U	4.4	0.89	0.46
540-59-0	1,2-Dichloroethene, Total	0.89	U	8.9	0.89	0.69
78-87-5	1,2-Dichloropropane	0.89	U	4.4	0.89	0.61
100-41-4	Ethylbenzene	0.44	U	4.4	0.44	0.23
591-78-6	2-Hexanone	0.89	U	18	0.89	0.56
75-09-2	Methylene Chloride	0.89	U	4.4	0.89	0.60
108-10-1	4-Methyl-2-pentanone (MIBK)	0.89	U	18	0.89	0.48
100-42-5	Styrene	0.44	U	4.4	0.44	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.44	U	4.4	0.44	0.30
127-18-4	Tetrachloroethene	0.89	U	4.4	0.89	0.46
108-88-3	Toluene	0.73	J	4.4	0.44	0.24
10061-02-6	trans-1,3-Dichloropropene	0.89	U	4.4	0.89	0.48
71-55-6	1,1,1-Trichloroethane	0.89	U	4.4	0.89	0.50
79-00-5	1,1,2-Trichloroethane	0.44	U	4.4	0.44	0.35
79-01-6	Trichloroethene	0.44	U	4.4	0.44	0.37
75-01-4	Vinyl chloride	0.44	U	4.4	0.44	0.35
1330-20-7	Xylenes, Total	1.3	U	8.9	1.3	0.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0097-0001-SO Lab Sample ID: 240-18544-15

Matrix: Solid Lab File ID: UX82480.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 14:08

Sample wt/vol: 6.317(g) Date Analyzed: 12/15/2012 06:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.1 Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	93		85-120
1868-53-7	Dibromofluoromethane (Surr)	96		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		61-130
2037-26-5	Toluene-d8 (Surr)	96		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82480.D
Lims ID: 240-18544-B-15-A Client ID: 076SB-0097-0001-SO
Inject. Date: 15-Dec-2012 06:24:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015873-027
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 26
Lims Batch ID: 68830 Lims Sample ID: 27
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 15:16:04

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.158	5.158	0.0	100	1634927	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.678	-0.001	90	1168146	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.878	-0.001	98	576615	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.626	-0.001	59	393676	48.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.886	0.0	92	519194	51.4	
$ 7 Toluene-d8 (Surr)	98	6.423	6.424	-0.001	95	1417682	48.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.754	0.0	92	474791	46.5	
13 Chloromethane	50		1.752					
14 Vinyl chloride	62		1.870					
15 Bromomethane	94		2.177					
16 Chloroethane	64		2.272					
21 1,1-Dichloroethene	96		2.923					
22 Acetone	43	2.958	2.958	0.0	76	23990	0.2265	
26 Carbon disulfide	76		3.112					
30 Methylene Chloride	84		3.301					
34 Methyl tert-butyl ether	73		3.514					
33 trans-1,2-Dichloroethene	96		3.526					
36 1,1-Dichloroethane	63		3.833					
42 cis-1,2-Dichloroethene	96		4.271					
41 2-Butanone (MEK)	43		4.271					9
47 Chlorobromomethane	128		4.449					
49 Chloroform	83		4.508					
50 1,1,1-Trichloroethane	97		4.661					
53 Carbon tetrachloride	117		4.803					
55 Benzene	78		4.945					
56 1,2-Dichloroethane	62		4.945					
60 Trichloroethene	130		5.442					
62 1,2-Dichloropropane	63		5.620					
67 Dichlorobromomethane	83		5.821					
70 cis-1,3-Dichloropropene	75		6.187					

	Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71	4-Methyl-2-pentanone (MIBK)	43		6.306					
72	Toluene	91	6.482	6.483	-0.001	70	23733	0.8212	
73	trans-1,3-Dichloropropene	75		6.637					
75	1,1,2-Trichloroethane	97		6.802					
77	Tetrachloroethene	164		6.956					
78	2-Hexanone	43		7.003					
79	Chlorodibromomethane	129		7.157					
123	Ethylene Dibromide	107		7.276					
82	Chlorobenzene	112		7.713					
84	Ethylbenzene	106		7.796					
10	m-Xylene & p-Xylene	106		7.902					
85	o-Xylene	106		8.269					
86	Styrene	104		8.281					
87	Bromoform	173		8.458					
90	1,1,2,2-Tetrachloroethane	83		8.872					
S 11	1,2-Dichloroethene, Total	96		1.140					
S 114	Xylenes, Total	106		16.530					

QC Flag Legend

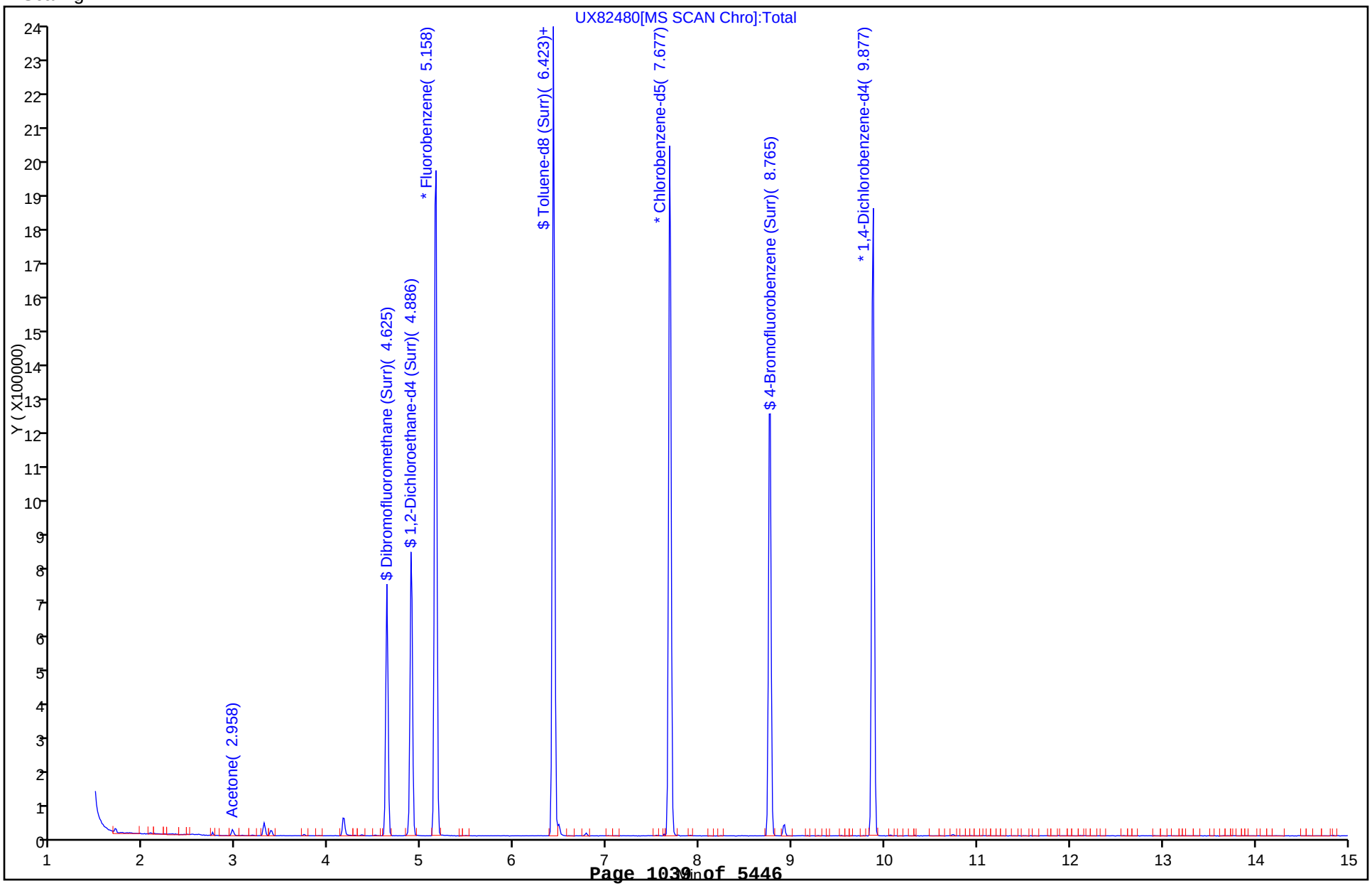
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 18-Dec-2012 02:06:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82480.D		
Injection Date:	15-Dec-2012 06:24:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0097-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	27
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



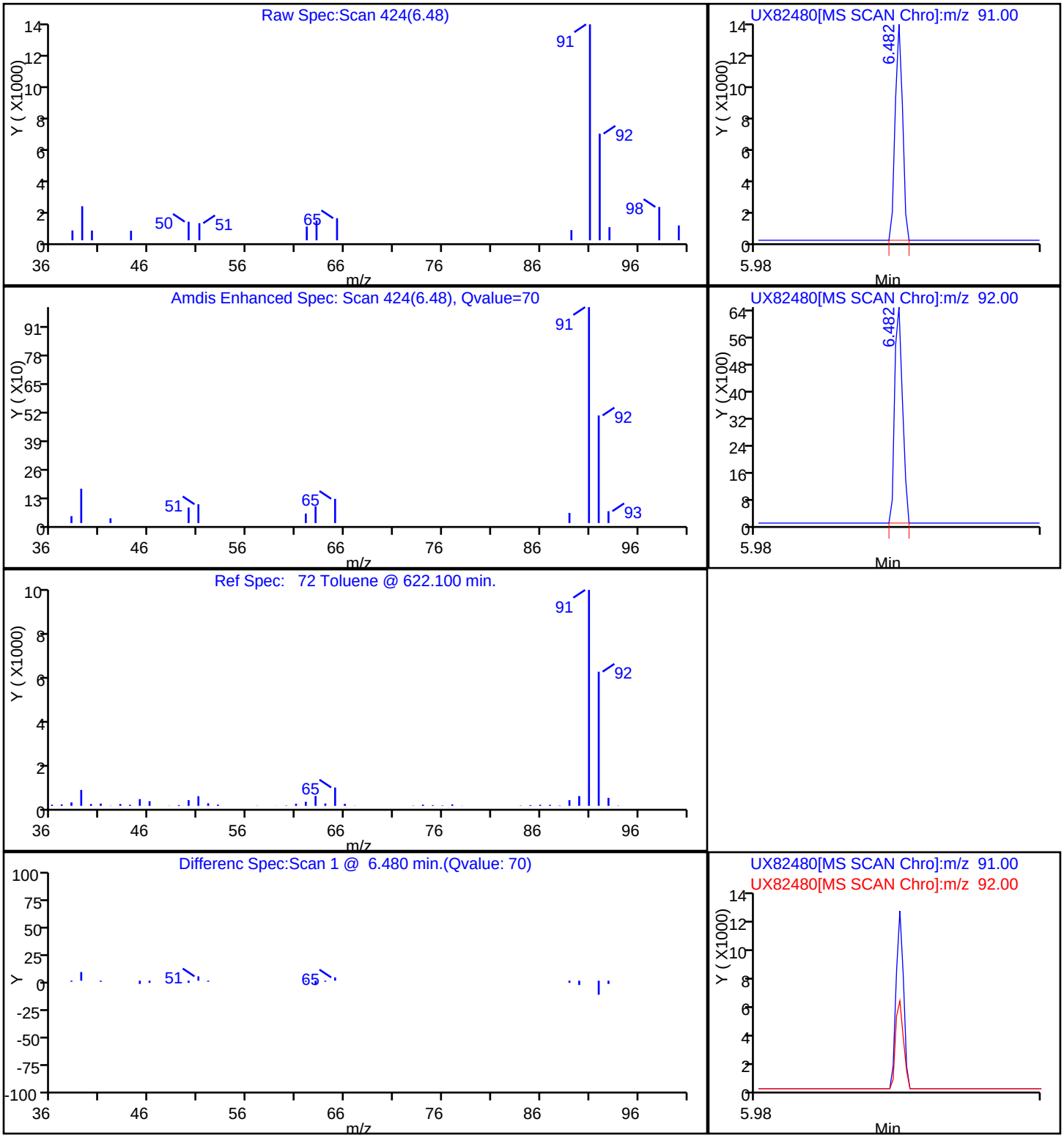
Report Date: 18-Dec-2012 02:06:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82480.D

Injection Date:	15-Dec-2012 06:24:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0097-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	27
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0098-0001-SO | Lab Sample ID: 240-18544-16

Matrix: Solid | Lab File ID: UX82481.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 14:33

Sample wt/vol: 5.767(g) | Date Analyzed: 12/15/2012 06:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.2 | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	6.1	U	19	6.1	6.1
71-43-2	Benzene	0.48	U	4.8	0.48	0.22
74-97-5	Bromochloromethane	0.97	U	4.8	0.97	0.69
75-27-4	Bromodichloromethane	0.48	U	4.8	0.48	0.27
75-25-2	Bromoform	0.48	U	4.8	0.48	0.32
74-83-9	Bromomethane	0.97	U	4.8	0.97	0.52
78-93-3	2-Butanone (MEK)	1.9	U	19	1.9	1.4
75-15-0	Carbon disulfide	0.92	J	4.8	0.48	0.42
56-23-5	Carbon tetrachloride	0.48	U	4.8	0.48	0.36
108-90-7	Chlorobenzene	0.48	U	4.8	0.48	0.32
75-00-3	Chloroethane	0.97	U	4.8	0.97	0.83
67-66-3	Chloroform	0.48	U	4.8	0.48	0.28
74-87-3	Chloromethane	0.48	U	4.8	0.48	0.40
10061-01-5	cis-1,3-Dichloropropene	0.48	U	4.8	0.48	0.33
124-48-1	Dibromochloromethane	0.97	U	4.8	0.97	0.53
106-93-4	1,2-Dibromoethane	0.97	U	4.8	0.97	0.48
75-34-3	1,1-Dichloroethane	0.48	U	4.8	0.48	0.35
107-06-2	1,2-Dichloroethane	0.48	U	4.8	0.48	0.33
75-35-4	1,1-Dichloroethene	0.97	U	4.8	0.97	0.50
540-59-0	1,2-Dichloroethene, Total	0.97	U	9.7	0.97	0.74
78-87-5	1,2-Dichloropropane	0.97	U	4.8	0.97	0.67
100-41-4	Ethylbenzene	0.48	U	4.8	0.48	0.25
591-78-6	2-Hexanone	0.97	U	19	0.97	0.61
75-09-2	Methylene Chloride	0.97	U	4.8	0.97	0.65
108-10-1	4-Methyl-2-pentanone (MIBK)	0.97	U	19	0.97	0.52
100-42-5	Styrene	0.48	U	4.8	0.48	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.48	U	4.8	0.48	0.33
127-18-4	Tetrachloroethene	0.97	U	4.8	0.97	0.50
108-88-3	Toluene	0.84	J	4.8	0.48	0.26
10061-02-6	trans-1,3-Dichloropropene	0.97	U	4.8	0.97	0.52
71-55-6	1,1,1-Trichloroethane	0.97	U	4.8	0.97	0.54
79-00-5	1,1,2-Trichloroethane	0.48	U	4.8	0.48	0.38
79-01-6	Trichloroethene	0.48	U	4.8	0.48	0.41
75-01-4	Vinyl chloride	0.48	U	4.8	0.48	0.38
1330-20-7	Xylenes, Total	1.4	U	9.7	1.4	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0098-0001-SO Lab Sample ID: 240-18544-16

Matrix: Solid Lab File ID: UX82481.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 14:33

Sample wt/vol: 5.767(g) Date Analyzed: 12/15/2012 06:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.2 Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	86		85-120
1868-53-7	Dibromofluoromethane (Surr)	97		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		61-130
2037-26-5	Toluene-d8 (Surr)	101		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82481.D
Lims ID: 240-18544-B-16-A Client ID: 076SB-0098-0001-SO
Inject. Date: 15-Dec-2012 06:45:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015873-028
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 27
Lims Batch ID: 68830 Lims Sample ID: 28
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 15:16:40

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.158	-0.003	99	1605794	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.678	0.008	90	1094471	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	98	462039	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.626	-0.003	59	388652	48.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.886	-0.003	93	489586	48.9	
$ 7 Toluene-d8 (Surr)	98	6.421	6.424	-0.003	95	1378974	50.4	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.754	0.009	94	417839	43.0	
13 Chloromethane	50		1.752					
14 Vinyl chloride	62		1.870					
15 Bromomethane	94		2.177					
16 Chloroethane	64		2.272					
21 1,1-Dichloroethene	96		2.923					
22 Acetone	43		2.958					
26 Carbon disulfide	76	3.109	3.112	-0.003	89	14511	0.9565	
30 Methylene Chloride	84		3.301					
34 Methyl tert-butyl ether	73		3.514					
33 trans-1,2-Dichloroethene	96		3.526					
36 1,1-Dichloroethane	63		3.833					
42 cis-1,2-Dichloroethene	96		4.271					
41 2-Butanone (MEK)	43		4.271					9
47 Chlorobromomethane	128		4.449					
49 Chloroform	83		4.508					
50 1,1,1-Trichloroethane	97		4.661					
53 Carbon tetrachloride	117		4.803					
55 Benzene	78		4.945					9
56 1,2-Dichloroethane	62		4.945					
60 Trichloroethene	130		5.442					
62 1,2-Dichloropropane	63		5.620					
67 Dichlorobromomethane	83		5.821					
70 cis-1,3-Dichloropropene	75		6.187					

	Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71	4-Methyl-2-pentanone (MIBK)	43		6.306					
72	Toluene	91	6.480	6.483	-0.003	71	23495	0.8677	
73	trans-1,3-Dichloropropene	75		6.637					
75	1,1,2-Trichloroethane	97		6.802					
77	Tetrachloroethene	164		6.956					
78	2-Hexanone	43		7.003					
79	Chlorodibromomethane	129		7.157					
123	Ethylene Dibromide	107		7.276					
82	Chlorobenzene	112		7.713					
84	Ethylbenzene	106		7.796					
10	m-Xylene & p-Xylene	106		7.902					
85	o-Xylene	106		8.269					
86	Styrene	104		8.281					
87	Bromoform	173		8.458					
90	1,1,2,2-Tetrachloroethane	83		8.872					
S 11	1,2-Dichloroethene, Total	96		1.140					
S 114	Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

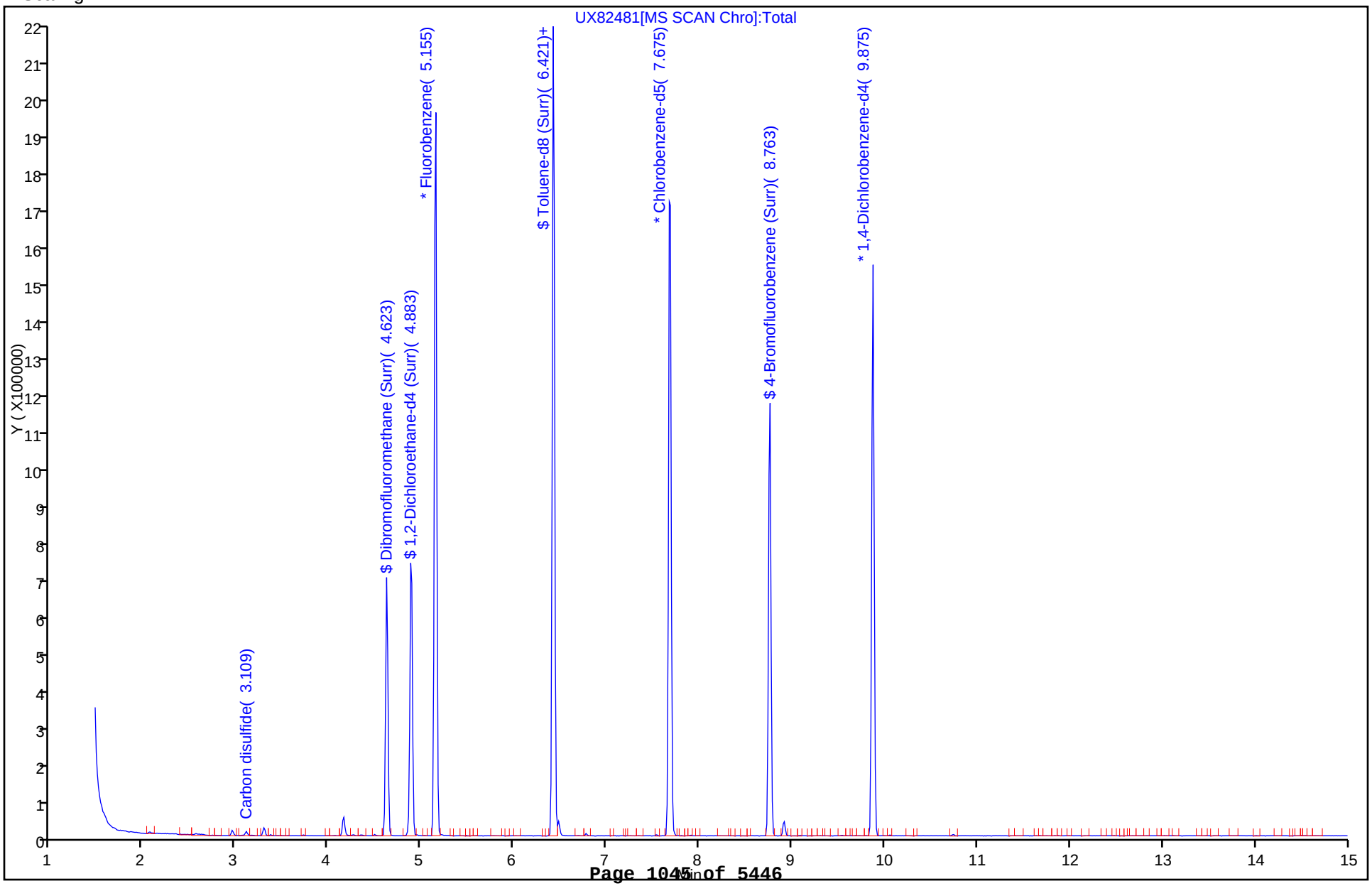
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82481.D

Injection Date:	15-Dec-2012 06:45:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0098-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	28
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



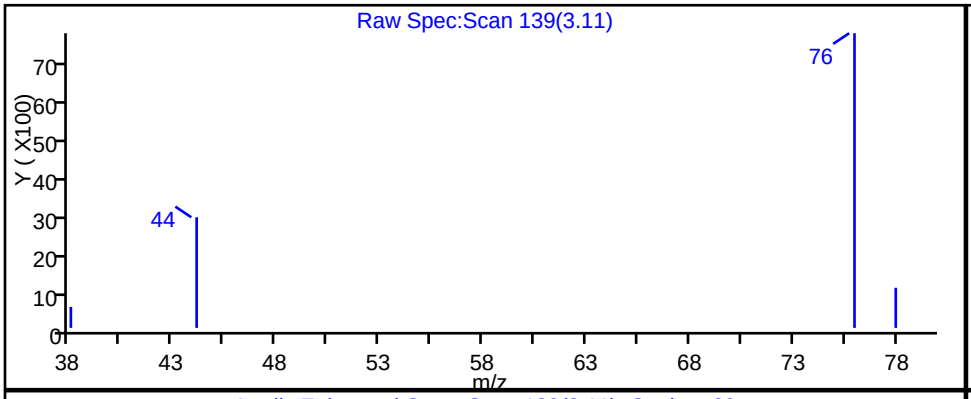
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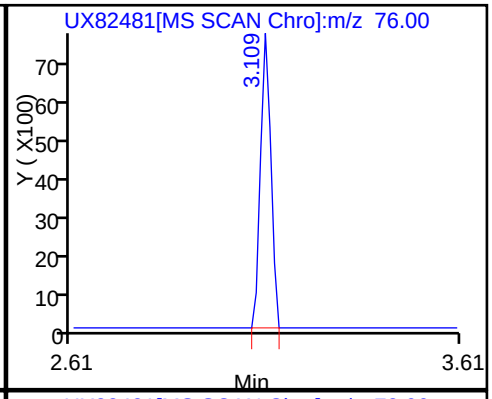
TestAmerica Canton

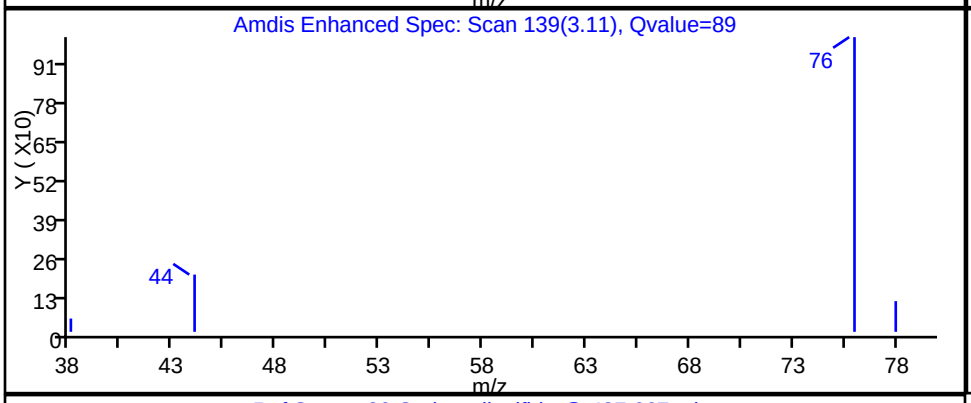
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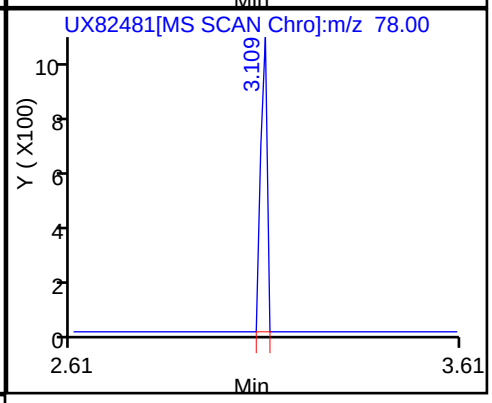
Injection Date:	15-Dec-2012 06:45:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0098-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	28
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

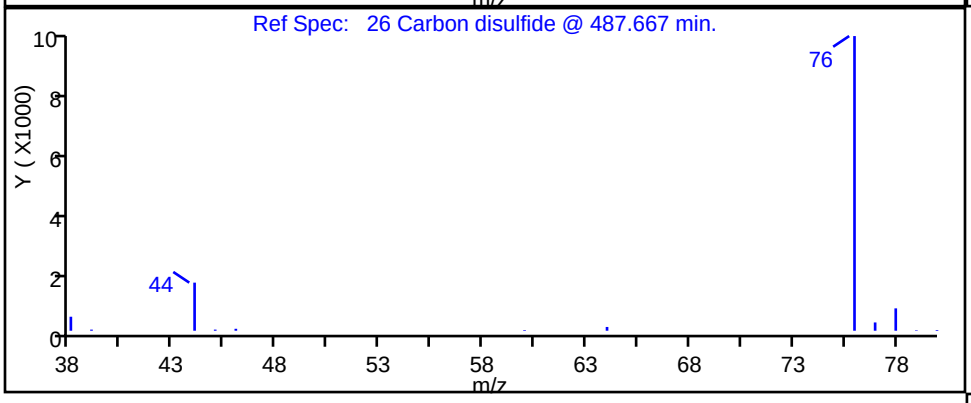
26 Carbon disulfide

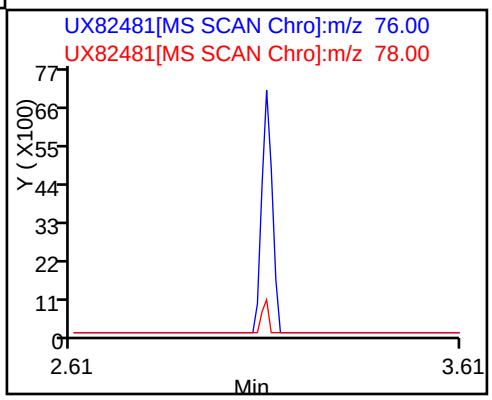












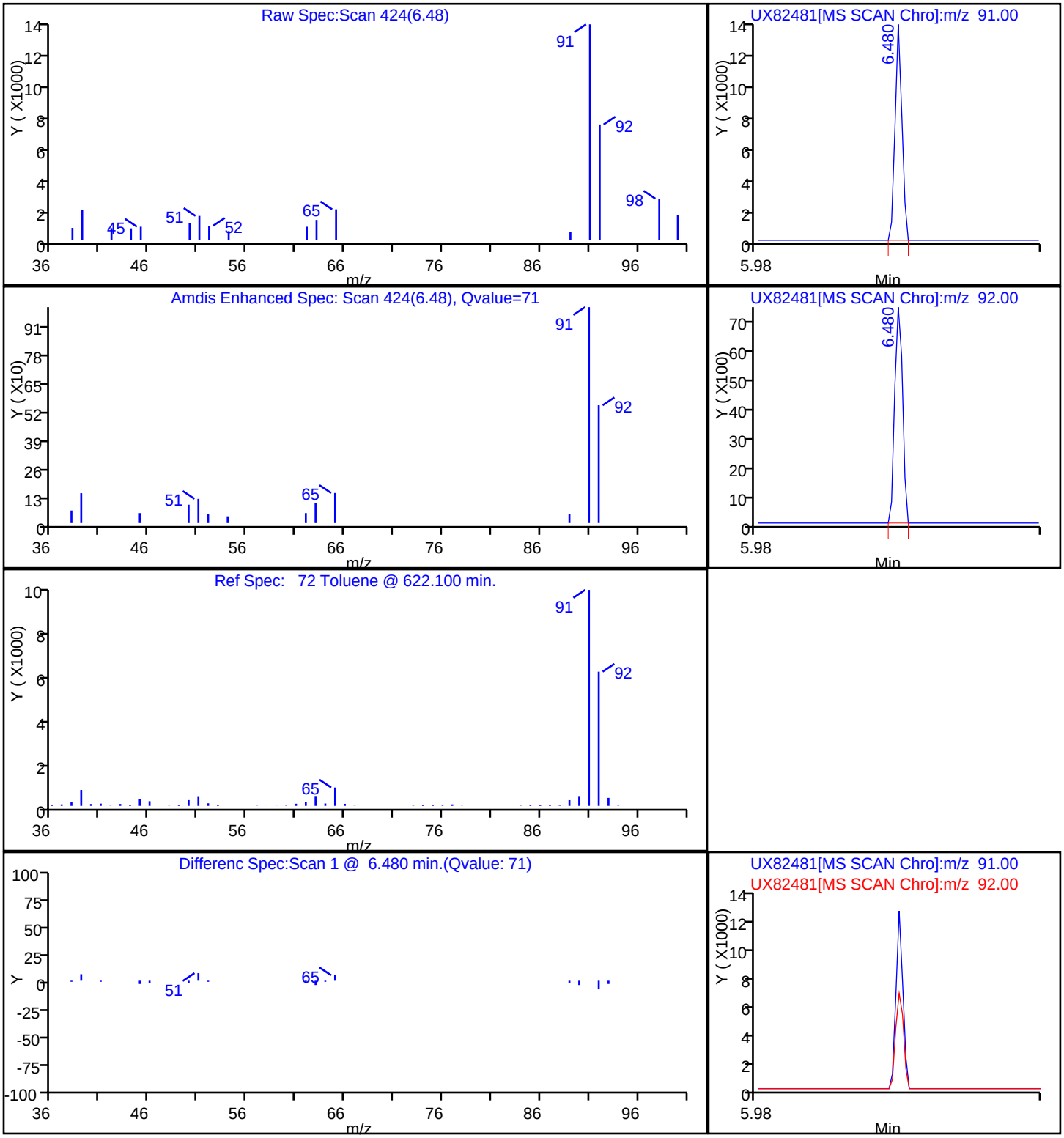
Report Date: 18-Dec-2012 02:06:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82481.D

Injection Date:	15-Dec-2012 06:45:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0098-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	28
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0099-0001-SO | Lab Sample ID: 240-18544-17

Matrix: Solid | Lab File ID: UX82482.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 15:40

Sample wt/vol: 5.633(g) | Date Analyzed: 12/15/2012 07:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.4 | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	6.1	U	19	6.1	6.1
71-43-2	Benzene	0.48	U	4.8	0.48	0.22
74-97-5	Bromochloromethane	0.97	U	4.8	0.97	0.69
75-27-4	Bromodichloromethane	0.48	U	4.8	0.48	0.27
75-25-2	Bromoform	0.48	U	4.8	0.48	0.32
74-83-9	Bromomethane	0.97	U	4.8	0.97	0.52
78-93-3	2-Butanone (MEK)	1.9	U	19	1.9	1.4
75-15-0	Carbon disulfide	0.48	U	4.8	0.48	0.43
56-23-5	Carbon tetrachloride	0.48	U	4.8	0.48	0.36
108-90-7	Chlorobenzene	0.48	U	4.8	0.48	0.32
75-00-3	Chloroethane	0.97	U	4.8	0.97	0.83
67-66-3	Chloroform	0.48	U	4.8	0.48	0.28
74-87-3	Chloromethane	0.48	U	4.8	0.48	0.40
10061-01-5	cis-1,3-Dichloropropene	0.48	U	4.8	0.48	0.33
124-48-1	Dibromochloromethane	0.97	U	4.8	0.97	0.53
106-93-4	1,2-Dibromoethane	0.97	U	4.8	0.97	0.48
75-34-3	1,1-Dichloroethane	0.48	U	4.8	0.48	0.35
107-06-2	1,2-Dichloroethane	0.48	U	4.8	0.48	0.33
75-35-4	1,1-Dichloroethene	0.97	U	4.8	0.97	0.50
540-59-0	1,2-Dichloroethene, Total	0.97	U	9.7	0.97	0.75
78-87-5	1,2-Dichloropropane	0.97	U	4.8	0.97	0.67
100-41-4	Ethylbenzene	0.48	U	4.8	0.48	0.25
591-78-6	2-Hexanone	0.97	U	19	0.97	0.61
75-09-2	Methylene Chloride	0.97	U	4.8	0.97	0.65
108-10-1	4-Methyl-2-pentanone (MIBK)	0.97	U	19	0.97	0.52
100-42-5	Styrene	0.48	U	4.8	0.48	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.48	U	4.8	0.48	0.33
127-18-4	Tetrachloroethene	0.97	U	4.8	0.97	0.50
108-88-3	Toluene	0.96	J	4.8	0.48	0.26
10061-02-6	trans-1,3-Dichloropropene	0.97	U	4.8	0.97	0.52
71-55-6	1,1,1-Trichloroethane	0.97	U	4.8	0.97	0.54
79-00-5	1,1,2-Trichloroethane	0.48	U	4.8	0.48	0.38
79-01-6	Trichloroethene	0.48	U	4.8	0.48	0.41
75-01-4	Vinyl chloride	0.48	U	4.8	0.48	0.38
1330-20-7	Xylenes, Total	1.5	U	9.7	1.5	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0099-0001-SO Lab Sample ID: 240-18544-17

Matrix: Solid Lab File ID: UX82482.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 15:40

Sample wt/vol: 5.633(g) Date Analyzed: 12/15/2012 07:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.4 Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	84	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	99		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		61-130
2037-26-5	Toluene-d8 (Surr)	108		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82482.D
Lims ID: 240-18544-B-17-A Client ID: 076SB-0099-0001-SO
Inject. Date: 15-Dec-2012 07:06:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015873-029
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 28
Lims Batch ID: 68830 Lims Sample ID: 29
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 15:17:21

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.158	-0.002	99	1524592	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	90	984831	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.878	-0.002	98	374062	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.626	-0.002	58	377483	49.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.886	-0.002	92	465116	48.9	
$ 7 Toluene-d8 (Surr)	98	6.422	6.424	-0.002	95	1318744	54.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.754	0.010	95	369593	42.0	
13 Chloromethane	50		1.752					
14 Vinyl chloride	62		1.870					
15 Bromomethane	94		2.177					
16 Chloroethane	64		2.272					
21 1,1-Dichloroethene	96		2.923					
22 Acetone	43		2.958					
26 Carbon disulfide	76		3.112					
30 Methylene Chloride	84		3.301					
34 Methyl tert-butyl ether	73		3.514					
33 trans-1,2-Dichloroethene	96		3.526					
36 1,1-Dichloroethane	63		3.833					
42 cis-1,2-Dichloroethene	96		4.271					
41 2-Butanone (MEK)	43		4.271					9
47 Chlorobromomethane	128		4.449					
49 Chloroform	83		4.508					
50 1,1,1-Trichloroethane	97		4.661					
53 Carbon tetrachloride	117		4.803					
55 Benzene	78		4.945					9
56 1,2-Dichloroethane	62		4.945					
60 Trichloroethene	130		5.442					
62 1,2-Dichloropropane	63		5.620					
67 Dichlorobromomethane	83		5.821					
70 cis-1,3-Dichloropropene	75		6.187					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.306					
72 Toluene	91	6.481	6.483	-0.002	75	24069	0.9878	
73 trans-1,3-Dichloropropene	75		6.637					
75 1,1,2-Trichloroethane	97		6.802					
77 Tetrachloroethene	164		6.956					
78 2-Hexanone	43		7.003					
79 Chlorodibromomethane	129		7.157					
123 Ethylene Dibromide	107		7.276					
82 Chlorobenzene	112		7.713					
84 Ethylbenzene	106		7.796					
10 m-Xylene & p-Xylene	106		7.902					
85 o-Xylene	106		8.269					
86 Styrene	104		8.281					
87 Bromoform	173		8.458					
90 1,1,2,2-Tetrachloroethane	83		8.872					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

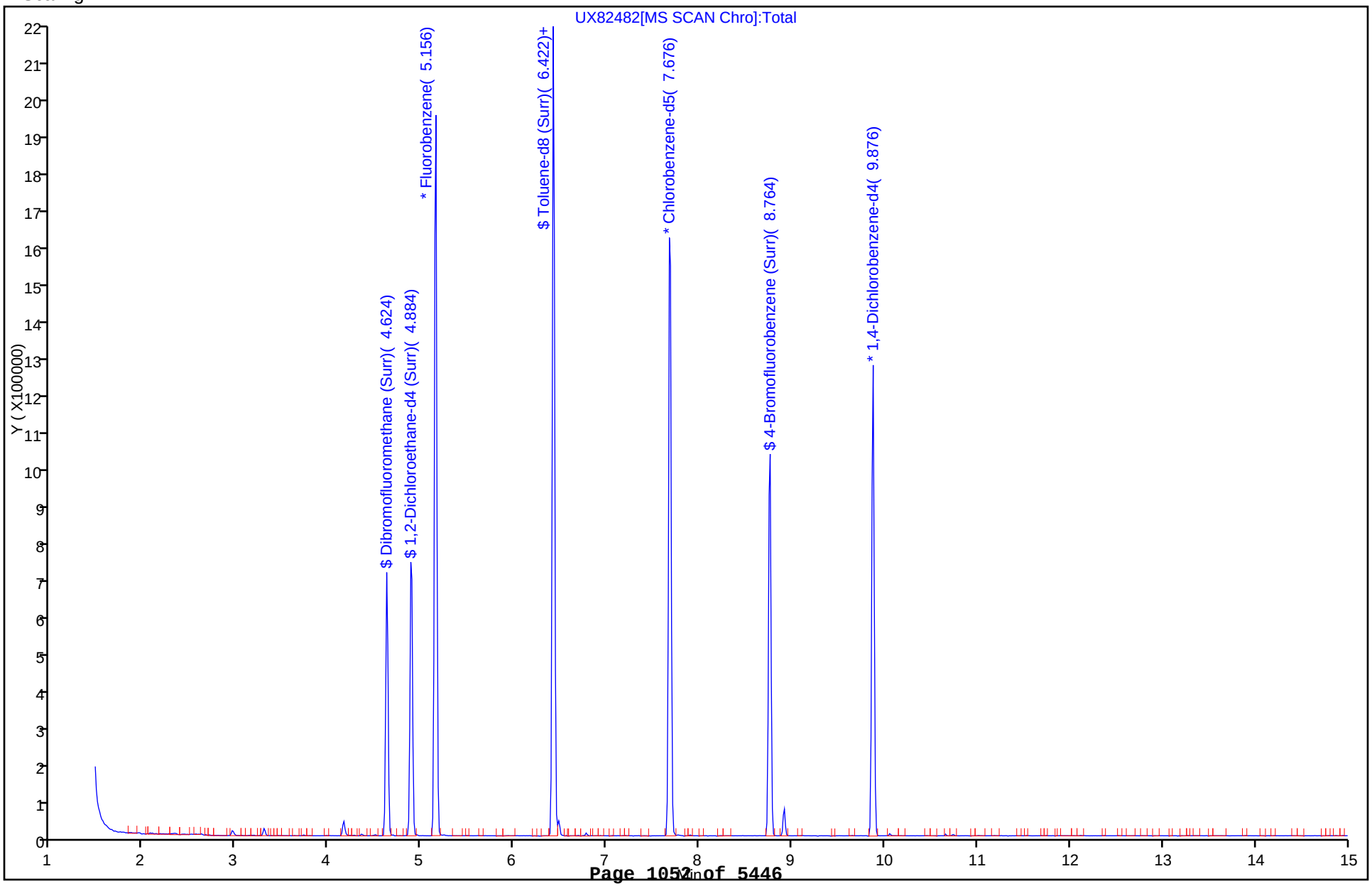
Report Date: 18-Dec-2012 02:06:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82482.D

Injection Date:	15-Dec-2012 07:06:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0099-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	29
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:

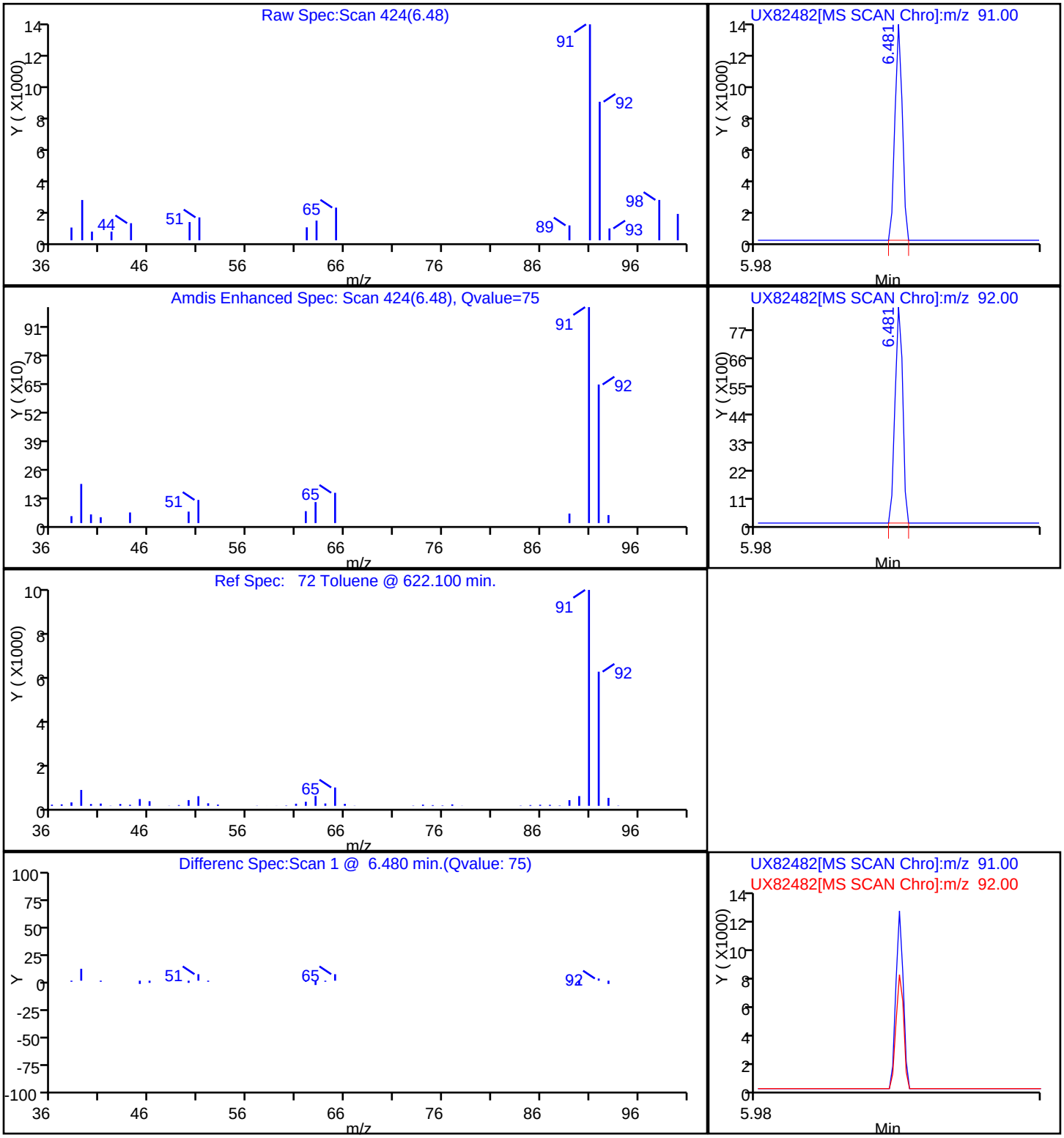


Report Date: 18-Dec-2012 02:06:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82482.D		
Injection Date:	15-Dec-2012 07:06:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0099-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	29
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0078-0001-SO | Lab Sample ID: 240-18544-18

Matrix: Solid | Lab File ID: UX82537.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 09:30

Sample wt/vol: 5.103(g) | Date Analyzed: 12/17/2012 03:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.3 | Level: (low/med) Low

Analysis Batch No.: 68905 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.53	U	5.3	0.53	0.25
100-41-4	Ethylbenzene	0.53	U	5.3	0.53	0.28
1634-04-4	Methyl tert-butyl ether	0.53	U	5.3	0.53	0.46
108-88-3	Toluene	4.0	J	5.3	0.53	0.29
1330-20-7	Xylenes, Total	1.6	U	11	1.6	0.72

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		85-120
1868-53-7	Dibromofluoromethane (Surr)	94		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		61-130
2037-26-5	Toluene-d8 (Surr)	92		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82537.D
Lims ID: 240-18544-C-18-A
Client ID: 076SB-0078-0001-SO
Inject. Date: 17-Dec-2012 03:28:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015896-013
Misc. Info.: M21216A,8260SUX8,,402279 =M21216A,8260SUX8,,402279
Operator: 402279
Instrument ID: A3UX8
Purge Vol: 5.000 mL
ALS Bottle#: 12
Lims Batch ID: 68905
Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\8260_8.m
Last Update: 20-Dec-2012 03:33:06
Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: DB-624
Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: latat
Date: 17-Dec-2012 21:15:55

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.155	0.0	99	1539105	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.686	0.0	90	1116743	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.874	9.874	0.0	98	554863	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.623	0.0	59	362809	46.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.895	4.884	0.011	92	477506	49.9	
$ 7 Toluene-d8 (Surr)	98	6.420	6.421	-0.001	95	1307381	46.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	-0.001	94	463997	47.7	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78	4.954	4.943	0.011	1	2823	0.1172	
72 Toluene	91	6.480	6.480	0.0	91	103368	3.74	
84 Ethylbenzene	106		7.793					
10 m-Xylene & p-Xylene	106	7.899	7.900	-0.001	16	2393	0.2093	
85 o-Xylene	106	8.278	8.267	0.012	1	855	0.0785	7
S 114 Xylenes, Total	106				0		0.2878	

QC Flag Legend

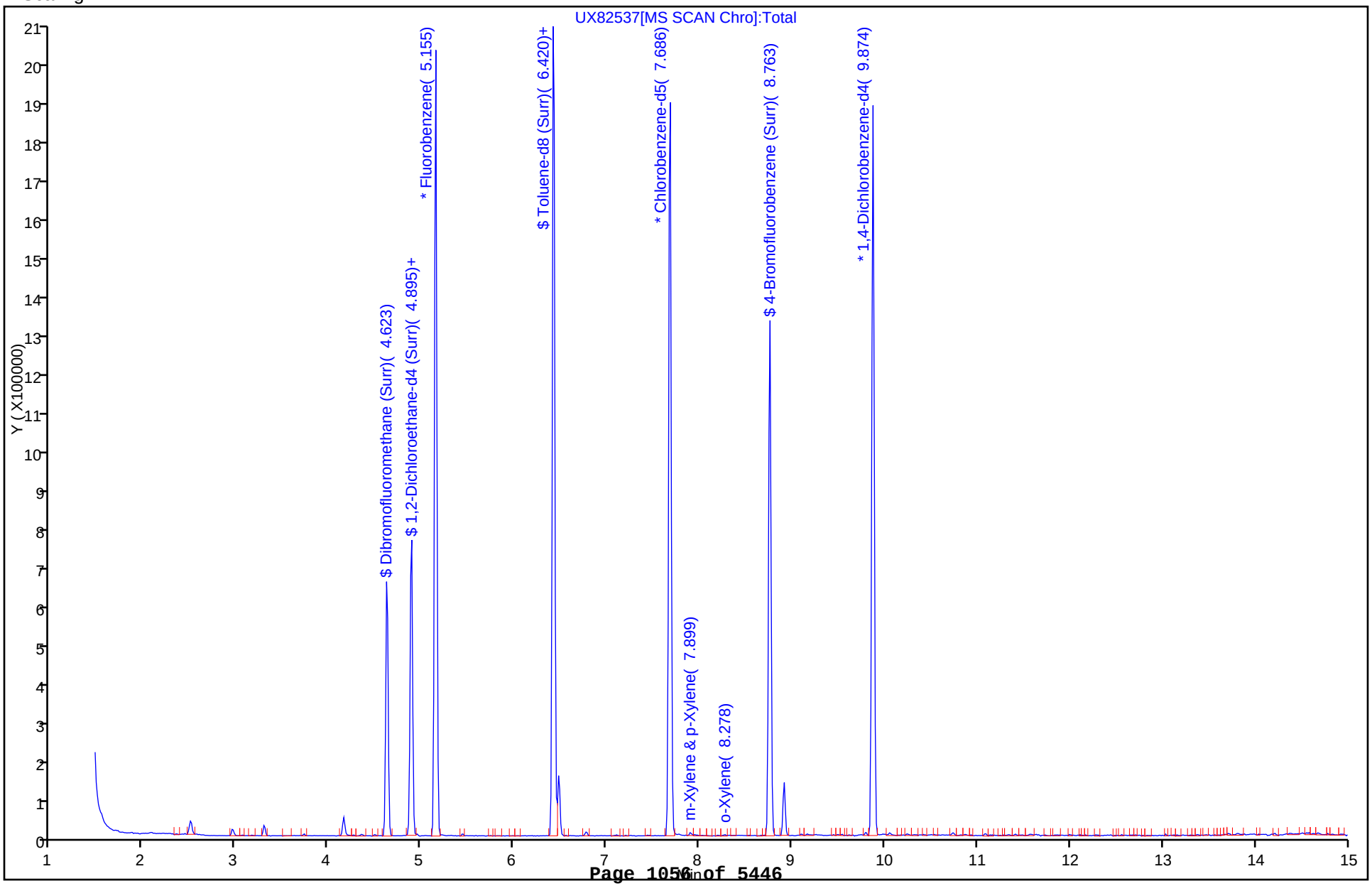
Processing Flags
7 - Failed Limit of Detection

Report Date: 20-Dec-2012 03:33:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82537.D		
Injection Date:	17-Dec-2012 03:28:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0078-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	13
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



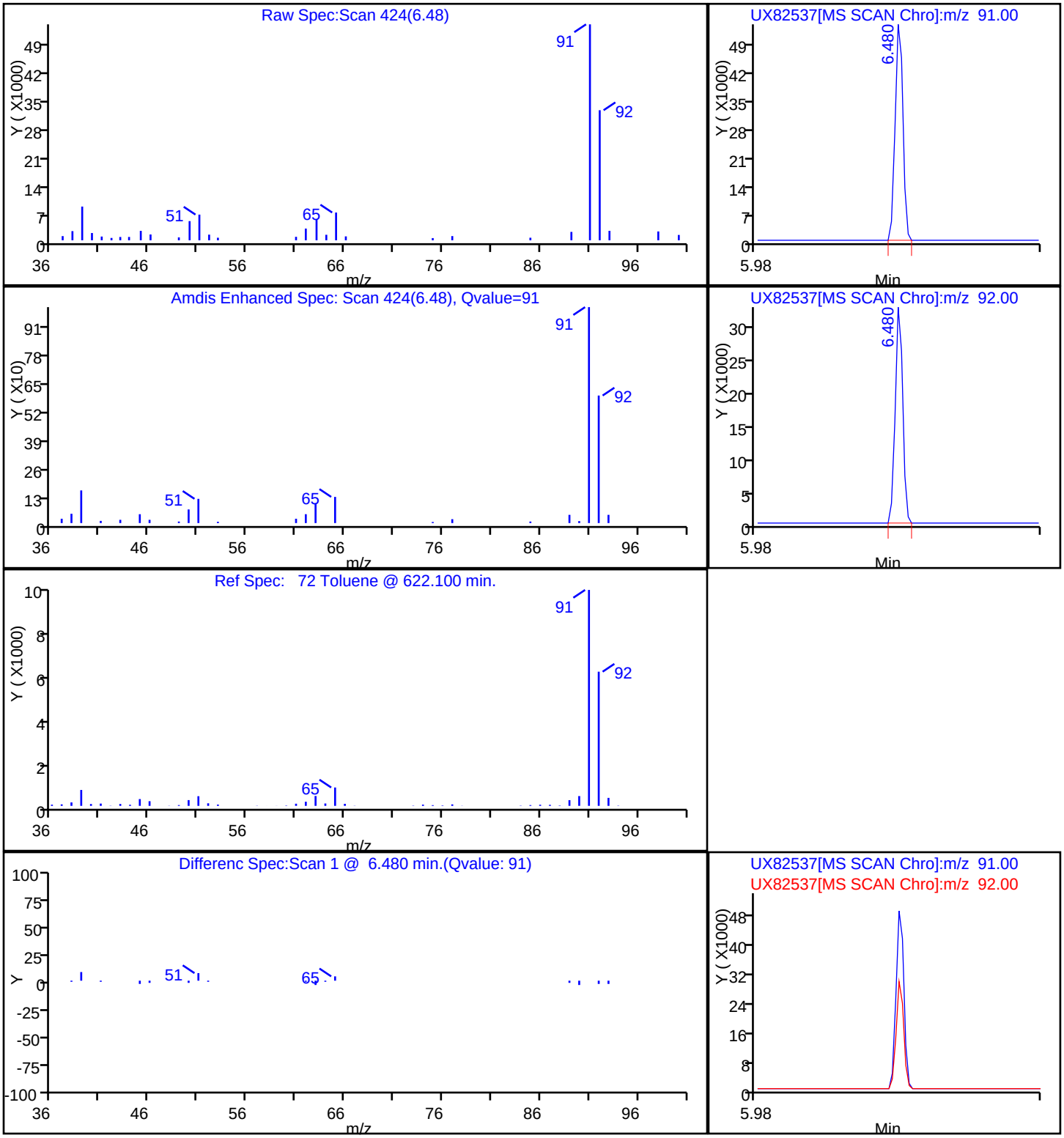
Report Date: 20-Dec-2012 03:33:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82537.D

Injection Date:	17-Dec-2012 03:28:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0078-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	13
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO | Lab Sample ID: 240-18544-19

Matrix: Solid | Lab File ID: UX82505.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 15:27

Sample wt/vol: 4.803(g) | Date Analyzed: 12/15/2012 21:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.0 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	7.0	U	22	7.0	7.0
71-43-2	Benzene	0.55	U	5.5	0.55	0.25
74-97-5	Bromochloromethane	1.1	U	5.5	1.1	0.79
75-27-4	Bromodichloromethane	0.55	U	5.5	0.55	0.31
75-25-2	Bromoform	0.55	U J	5.5	0.55	0.37
74-83-9	Bromomethane	1.1	U J	5.5	1.1	0.60
78-93-3	2-Butanone (MEK)	2.2	U	22	2.2	1.6
75-15-0	Carbon disulfide	0.55	U	5.5	0.55	0.49
56-23-5	Carbon tetrachloride	0.55	U	5.5	0.55	0.41
108-90-7	Chlorobenzene	0.55	U J	5.5	0.55	0.37
75-00-3	Chloroethane	1.1	U J	5.5	1.1	0.95
67-66-3	Chloroform	0.55	U	5.5	0.55	0.32
74-87-3	Chloromethane	0.55	U J	5.5	0.55	0.45
10061-01-5	cis-1,3-Dichloropropene	0.55	U J	5.5	0.55	0.38
124-48-1	Dibromochloromethane	1.1	U J	5.5	1.1	0.61
106-93-4	1,2-Dibromoethane	1.1	U J	5.5	1.1	0.55
75-34-3	1,1-Dichloroethane	0.55	U J	5.5	0.55	0.40
107-06-2	1,2-Dichloroethane	0.55	U	5.5	0.55	0.38
75-35-4	1,1-Dichloroethene	1.1	U	5.5	1.1	0.58
540-59-0	1,2-Dichloroethene, Total	1.1	U	11	1.1	0.85
78-87-5	1,2-Dichloropropane	1.1	U	5.5	1.1	0.76
100-41-4	Ethylbenzene	0.55	U J	5.5	0.55	0.29
591-78-6	2-Hexanone	2.0	J	22	1.1	0.70
75-09-2	Methylene Chloride	1.1	U	5.5	1.1	0.74
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	J	22	1.1	0.60
100-42-5	Styrene	0.55	U J	5.5	0.55	0.17
79-34-5	1,1,2,2-Tetrachloroethane	0.55	U J	5.5	0.55	0.38
127-18-4	Tetrachloroethene	1.1	U J	5.5	1.1	0.58
108-88-3	Toluene	1.7	J	5.5	0.55	0.30
10061-02-6	trans-1,3-Dichloropropene	1.1	U J	5.5	1.1	0.60
71-55-6	1,1,1-Trichloroethane	1.1	U J	5.5	1.1	0.62
79-00-5	1,1,2-Trichloroethane	0.55	U J	5.5	0.55	0.43
79-01-6	Trichloroethene	0.55	U	5.5	0.55	0.47
75-01-4	Vinyl chloride	0.55	U J	5.5	0.55	0.43
1330-20-7	Xylenes, Total	1.7	U J	11	1.7	0.74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO Lab Sample ID: 240-18544-19

Matrix: Solid Lab File ID: UX82505.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 15:27

Sample wt/vol: 4.803(g) Date Analyzed: 12/15/2012 21:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.0 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	99		85-120
1868-53-7	Dibromofluoromethane (Surr)	98		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		61-130
2037-26-5	Toluene-d8 (Surr)	100		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82505.D
Lims ID: 240-18544-D-19-A Client ID: 076SB-0100M-0001-SO
Inject. Date: 15-Dec-2012 21:42:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-014
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 68879 Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 16-Dec-2012 23:40:44

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.157	5.147	0.010	99	1554844	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.678	-0.001	90	1095187	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.878	-0.001	98	517339	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.624	0.001	58	379339	48.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.885	4.884	0.001	92	478478	49.5	
$ 7 Toluene-d8 (Surr)	98	6.423	6.421	0.002	95	1369523	50.0	
$ 131 4-Bromofluorobenzene (Surr)	95	8.753	8.763	-0.010	90	468011	49.4	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.572					
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
17 Dichlorofluoromethane	67		2.450					
18 Trichlorofluoromethane	101		2.506					
19 Ethyl ether	59		2.734					
20 Acrolein	56		2.837					
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96		2.932					
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.944					
22 Acetone	43		2.956					
24 Iodomethane	142		3.050					
26 Carbon disulfide	76		3.109					
27 Acetonitrile	41		3.169					
29 3-Chloro-1-propene	76		3.207					
28 Methyl acetate	43		3.216					9
30 Methylene Chloride	84		3.299					
31 2-Methyl-2-propanol	59		3.382					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
32 Acrylonitrile	53		3.476					
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
35 Hexane	86		3.736					
36 1,1-Dichloroethane	63		3.831					
37 Vinyl acetate	86		3.855					
38 Isopropyl ether	87		3.881					
39 2-Chloro-1,3-butadiene	53		3.905					
40 Tert-butyl ethyl ether	59		4.153					9
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43		4.269					9
43 2,2-Dichloropropane	77		4.280					
45 Ethyl acetate	43		4.307					9
44 Propionitrile	54		4.307					
46 Methacrylonitrile	41		4.425					9
47 Chlorobromomethane	128		4.458					
48 Tetrahydrofuran	42	4.495	4.493	0.002	41	3187	0.8596	
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
51 Cyclohexane	56		4.718					
52 1,1-Dichloropropene	75		4.789					
53 Carbon tetrachloride	117		4.801					
54 Isobutyl alcohol	41	4.814	4.816	-0.002	67	15842	39.8	
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					9
57 Tert-amyl methyl ether	73		5.017					
58 n-Heptane	100		5.135					
59 n-Butanol	56		5.324					
60 Trichloroethene	130		5.440					
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83		5.605					
62 1,2-Dichloropropane	63		5.617					
64 Methyl methacrylate	41		5.679					
65 Dibromomethane	93		5.712					
66 1,4-Dioxane	88		5.712					
67 Dichlorobromomethane	83		5.830					
68 2-Nitropropane	41		5.999					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75		6.185					
71 4-Methyl-2-pentanone (MIBK)	43	6.305	6.303	0.002	83	12536	1.15	
72 Toluene	91	6.482	6.481	0.001	89	41133	1.52	
73 trans-1,3-Dichloropropene	75		6.646					
74 Ethyl methacrylate	69		6.705					
75 1,1,2-Trichloroethane	97		6.800					
76 1,3-Dichloropropane	76		6.954					
77 Tetrachloroethene	164		6.966					
78 2-Hexanone	43	7.014	7.001	0.013	65	13089	1.79	
132 n-Butyl acetate	43		7.110					19
79 Chlorodibromomethane	129		7.155					
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107		7.273					
81 1-Chlorohexane	91		7.663					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Chlorobenzene	112		7.711					9
83 1,1,1,2-Tetrachloroethane	131		7.770					
84 Ethylbenzene	106		7.794					
10 m-Xylene & p-Xylene	106		7.900					9
85 o-Xylene	106		8.267					
86 Styrene	104		8.279					9
87 Bromoform	173		8.456					
88 Isopropylbenzene	105		8.610					9
89 Cyclohexanone	55	8.706	8.695	0.011	58	9782	4.91	
90 1,1,2,2-Tetrachloroethane	83		8.870					
91 Bromobenzene	156		8.917					
92 1,2,3-Trichloropropane	110		8.929					
93 trans-1,4-Dichloro-2-butene	53		8.929					
94 N-Propylbenzene	120		9.000					
95 2-Chlorotoluene	126		9.095					9
96 1,3,5-Trimethylbenzene	105		9.166					9
104 4-Chlorotoluene	126		9.189					9
97 tert-Butylbenzene	119		9.485					9
98 1,2,4-Trimethylbenzene	105	9.534	9.532	0.002	1	3905	0.1901	
99 sec-Butylbenzene	105		9.698					9
100 1,3-Dichlorobenzene	146		9.816					9
101 4-Isopropyltoluene	119		9.840					9
102 1,4-Dichlorobenzene	146		9.899					9
103 1,2,3-Trimethylbenzene	105		9.949					9
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91	10.243	10.242	0.001	20	4785	0.2696	
106 1,2-Dichlorobenzene	146		10.266					9
107 1,2-Dibromo-3-Chloropropane	157		11.023					
108 1,3,5-Trichlorobenzene	180		11.247					
109 1,2,4-Trichlorobenzene	180	11.864	11.863	0.001	1	2919	0.4408	
110 Hexachlorobutadiene	225		12.028					
111 Naphthalene	128	12.112	12.099	0.013	24	13091	0.8331	
112 1,2,3-Trichlorobenzene	180		12.359					9
113 2-Methylnaphthalene	142		13.427					
S 136 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106		16.530					
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

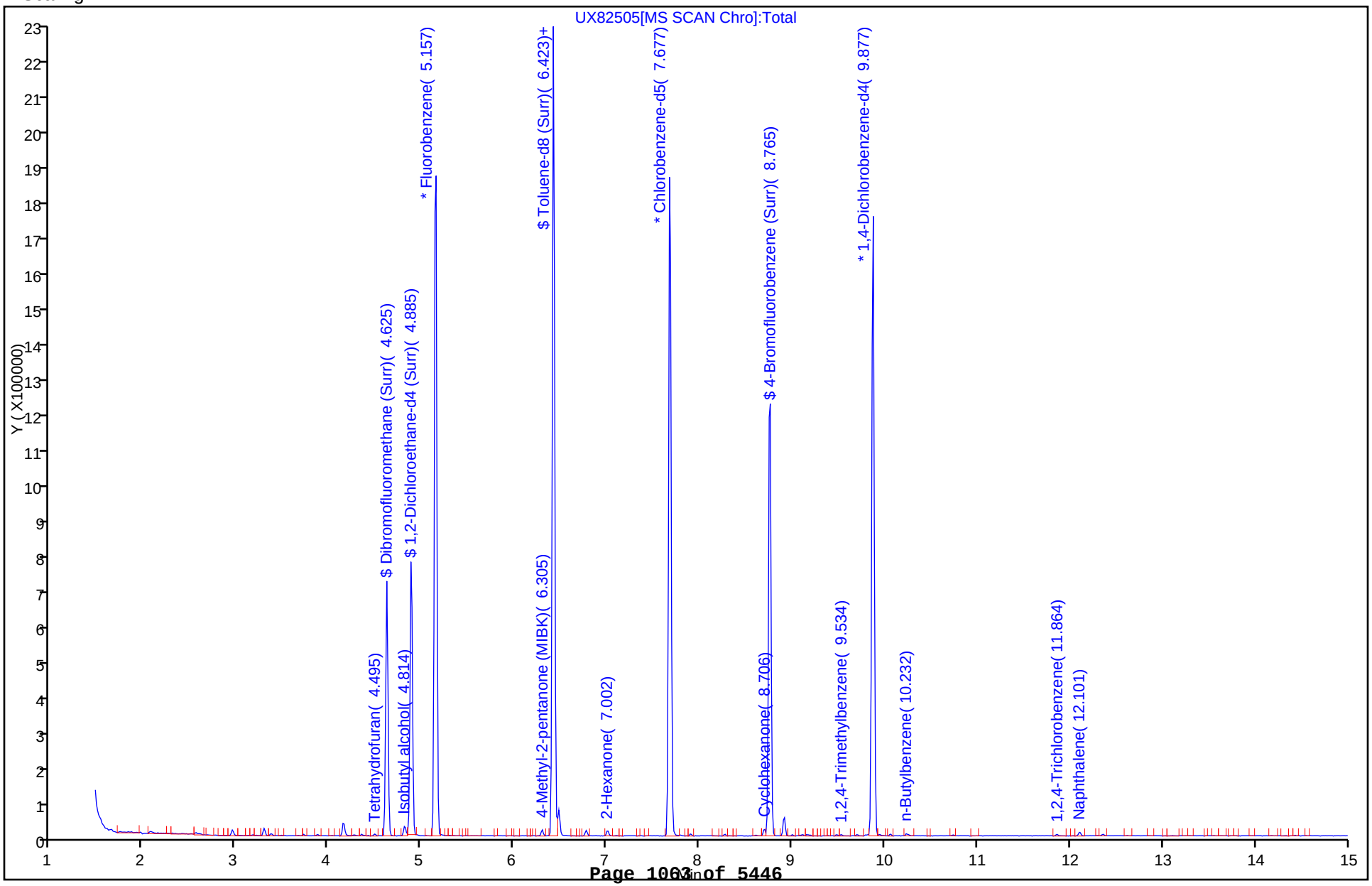
Report Date: 19-Dec-2012 02:39:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82505.D

Injection Date:	15-Dec-2012 21:42:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	14
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



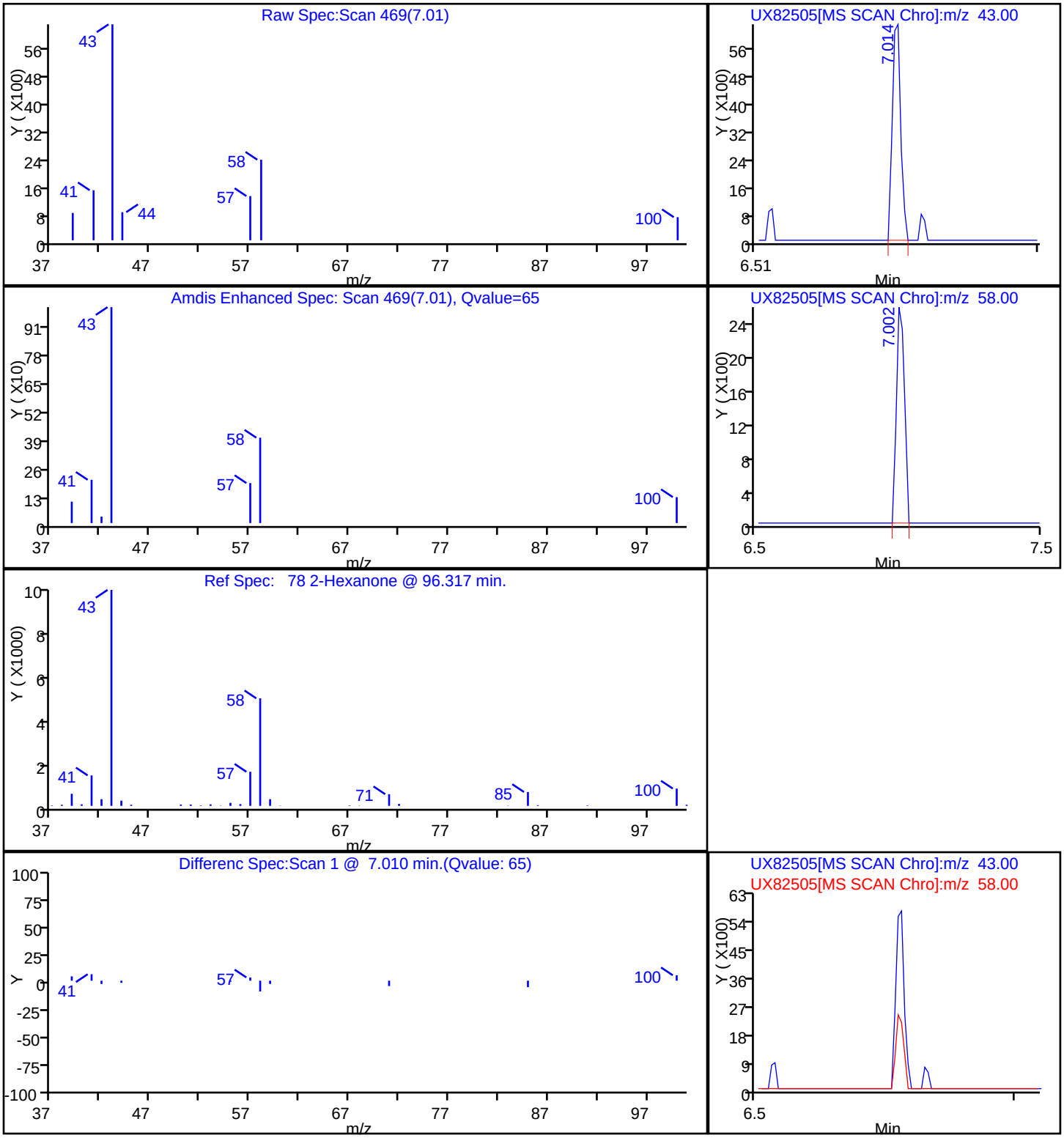
Report Date: 19-Dec-2012 02:39:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82505.D

Injection Date:	15-Dec-2012 21:42:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	14
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

78 2-Hexanone



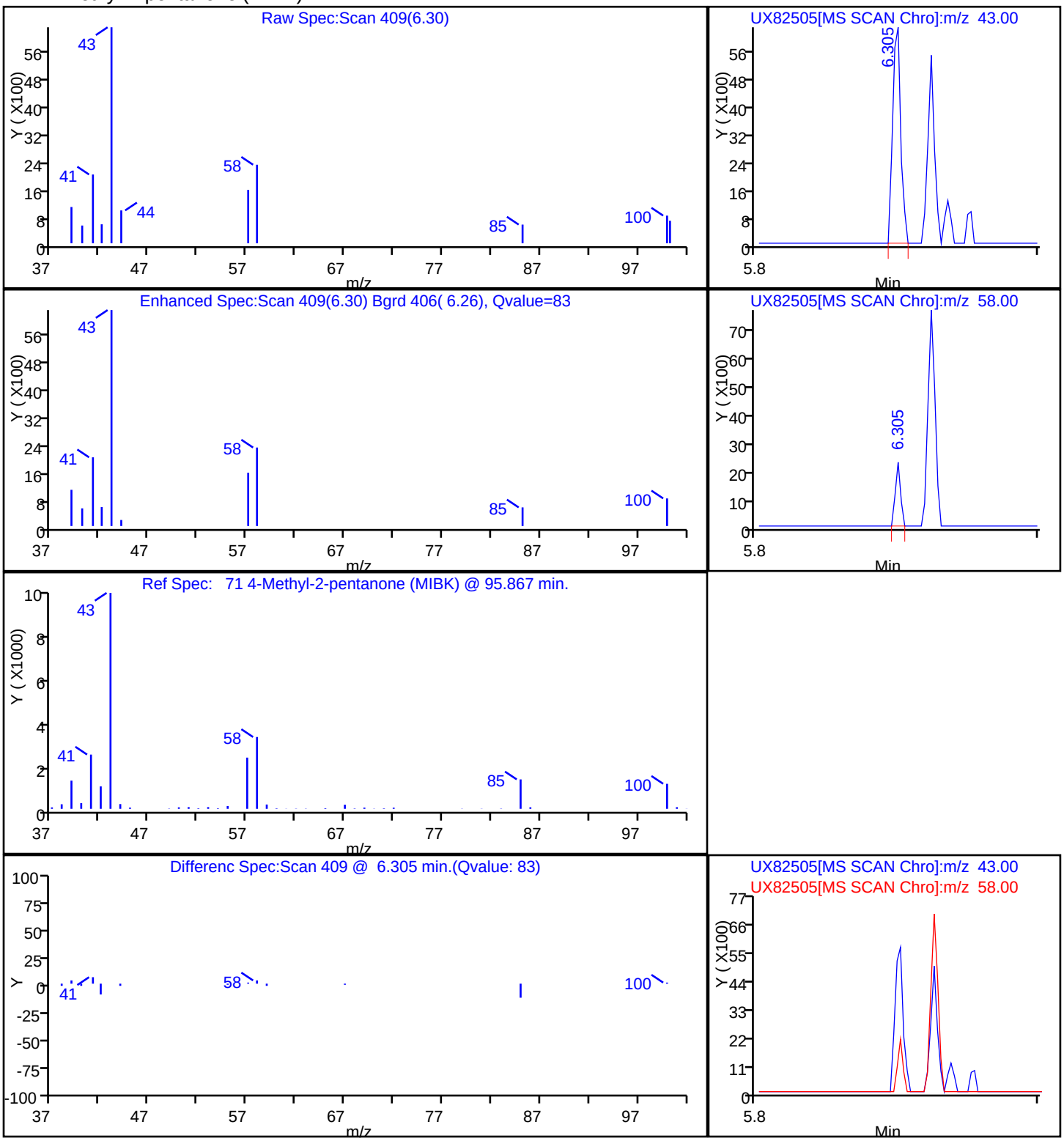
Report Date: 19-Dec-2012 02:39:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82505.D

Injection Date:	15-Dec-2012 21:42:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	14
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

71 4-Methyl-2-pentanone (MIBK)



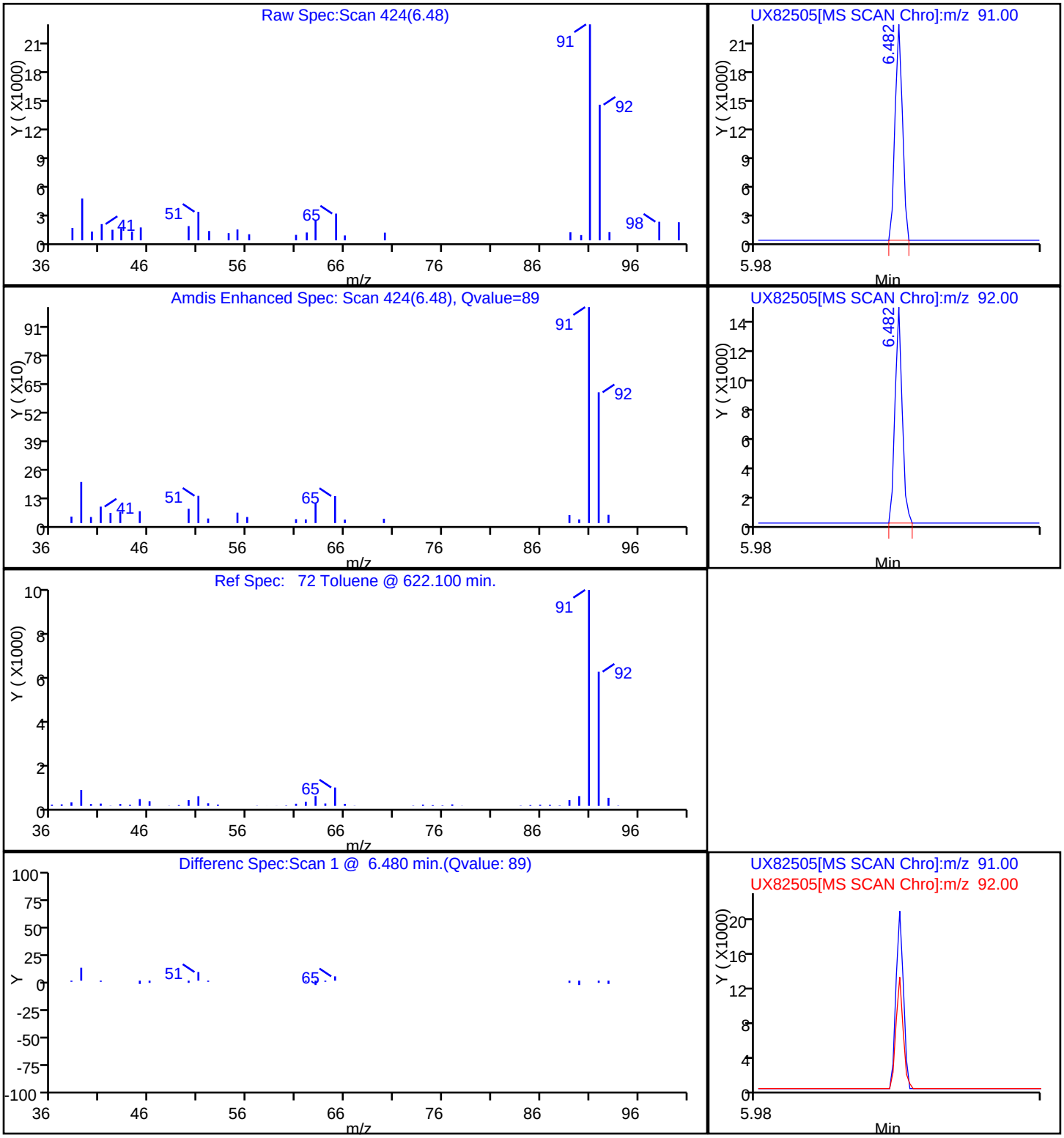
Report Date: 19-Dec-2012 02:39:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82505.D

Injection Date:	15-Dec-2012 21:42:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	14
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0101M-0001-SO | Lab Sample ID: 240-18544-20

Matrix: Solid | Lab File ID: UX82483.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 15:27

Sample wt/vol: 5.351(g) | Date Analyzed: 12/15/2012 07:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.9 | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	6.5	U	21	6.5	6.5
71-43-2	Benzene	0.51	U	5.1	0.51	0.24
74-97-5	Bromochloromethane	1.0	U	5.1	1.0	0.73
75-27-4	Bromodichloromethane	0.51	U	5.1	0.51	0.29
75-25-2	Bromoform	0.51	U	5.1	0.51	0.34
74-83-9	Bromomethane	1.0	U	5.1	1.0	0.55
78-93-3	2-Butanone (MEK)	2.1	U	21	2.1	1.4
75-15-0	Carbon disulfide	0.51	U	5.1	0.51	0.45
56-23-5	Carbon tetrachloride	0.51	U	5.1	0.51	0.38
108-90-7	Chlorobenzene	0.51	U	5.1	0.51	0.34
75-00-3	Chloroethane	1.0	U	5.1	1.0	0.88
67-66-3	Chloroform	0.51	U	5.1	0.51	0.30
74-87-3	Chloromethane	0.51	U	5.1	0.51	0.42
10061-01-5	cis-1,3-Dichloropropene	0.51	U	5.1	0.51	0.35
124-48-1	Dibromochloromethane	1.0	U	5.1	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	5.1	1.0	0.51
75-34-3	1,1-Dichloroethane	0.51	U	5.1	0.51	0.37
107-06-2	1,2-Dichloroethane	0.51	U	5.1	0.51	0.35
75-35-4	1,1-Dichloroethene	1.0	U	5.1	1.0	0.53
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.79
78-87-5	1,2-Dichloropropane	1.0	U	5.1	1.0	0.71
100-41-4	Ethylbenzene	0.51	U	5.1	0.51	0.27
591-78-6	2-Hexanone	1.0	U	21	1.0	0.65
75-09-2	Methylene Chloride	1.0	U	5.1	1.0	0.69
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	21	1.0	0.55
100-42-5	Styrene	0.51	U	5.1	0.51	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.51	U	5.1	0.51	0.35
127-18-4	Tetrachloroethene	1.0	U	5.1	1.0	0.53
108-88-3	Toluene	1.1	J	5.1	0.51	0.28
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.1	1.0	0.55
71-55-6	1,1,1-Trichloroethane	1.0	U	5.1	1.0	0.57
79-00-5	1,1,2-Trichloroethane	0.51	U	5.1	0.51	0.40
79-01-6	Trichloroethene	0.51	U	5.1	0.51	0.43
75-01-4	Vinyl chloride	0.51	U	5.1	0.51	0.40
1330-20-7	Xylenes, Total	1.5	U	10	1.5	0.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0101M-0001-SO Lab Sample ID: 240-18544-20

Matrix: Solid Lab File ID: UX82483.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 15:27

Sample wt/vol: 5.351(g) Date Analyzed: 12/15/2012 07:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.9 Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	86		85-120
1868-53-7	Dibromofluoromethane (Surr)	94		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		61-130
2037-26-5	Toluene-d8 (Surr)	100		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82483.D
Lims ID: 240-18544-B-20-A
Client ID: 076SB-0101M-0001-SO
Inject. Date: 15-Dec-2012 07:28:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015873-030
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279
Instrument ID: A3UX8
Purge Vol: 5.000 mL
ALS Bottle#: 29
Lims Batch ID: 68830
Lims Sample ID: 30
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18
Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: DB-624
Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat
Date: 15-Dec-2012 15:17:56

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.158	-0.003	99	1566506	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.678	0.008	90	1044433	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	98	459332	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.626	-0.003	59	369825	46.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.886	-0.003	93	463832	47.2	
$ 7 Toluene-d8 (Surr)	98	6.421	6.424	-0.003	95	1302443	49.8	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.754	0.009	94	398522	42.9	
13 Chloromethane	50		1.752					
14 Vinyl chloride	62		1.870					
15 Bromomethane	94		2.177					
16 Chloroethane	64		2.272					
21 1,1-Dichloroethene	96		2.923					
22 Acetone	43		2.958					
26 Carbon disulfide	76		3.112					
30 Methylene Chloride	84		3.301					
34 Methyl tert-butyl ether	73		3.514					
33 trans-1,2-Dichloroethene	96		3.526					
36 1,1-Dichloroethane	63		3.833					
42 cis-1,2-Dichloroethene	96		4.271					
41 2-Butanone (MEK)	43		4.271					9
47 Chlorobromomethane	128		4.449					
49 Chloroform	83		4.508					
50 1,1,1-Trichloroethane	97		4.661					
53 Carbon tetrachloride	117		4.803					
55 Benzene	78		4.945					9
56 1,2-Dichloroethane	62		4.945					
60 Trichloroethene	130		5.442					
62 1,2-Dichloropropane	63		5.620					
67 Dichlorobromomethane	83		5.821					
70 cis-1,3-Dichloropropene	75		6.187					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.306					
72 Toluene	91	6.480	6.483	-0.003	79	28350	1.10	
73 trans-1,3-Dichloropropene	75		6.637					
75 1,1,2-Trichloroethane	97		6.802					
77 Tetrachloroethene	164		6.956					
78 2-Hexanone	43		7.003					
79 Chlorodibromomethane	129		7.157					
123 Ethylene Dibromide	107		7.276					
82 Chlorobenzene	112		7.713					
84 Ethylbenzene	106		7.796					
10 m-Xylene & p-Xylene	106		7.902					9
85 o-Xylene	106		8.269					
86 Styrene	104		8.281					
87 Bromoform	173		8.458					
90 1,1,2,2-Tetrachloroethane	83		8.872					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

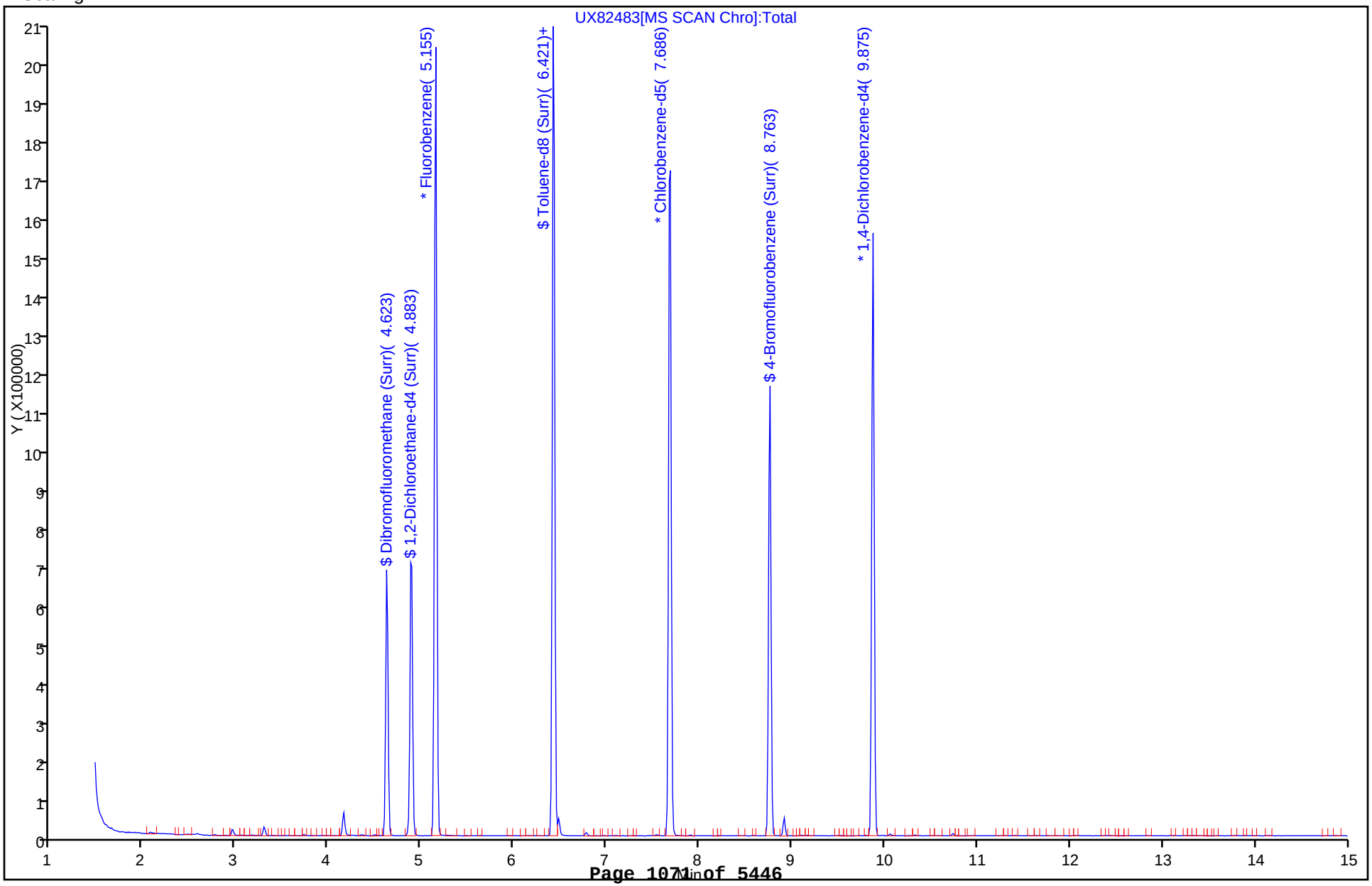
Report Date: 18-Dec-2012 02:06:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82483.D

Injection Date:	15-Dec-2012 07:28:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0101M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	30
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



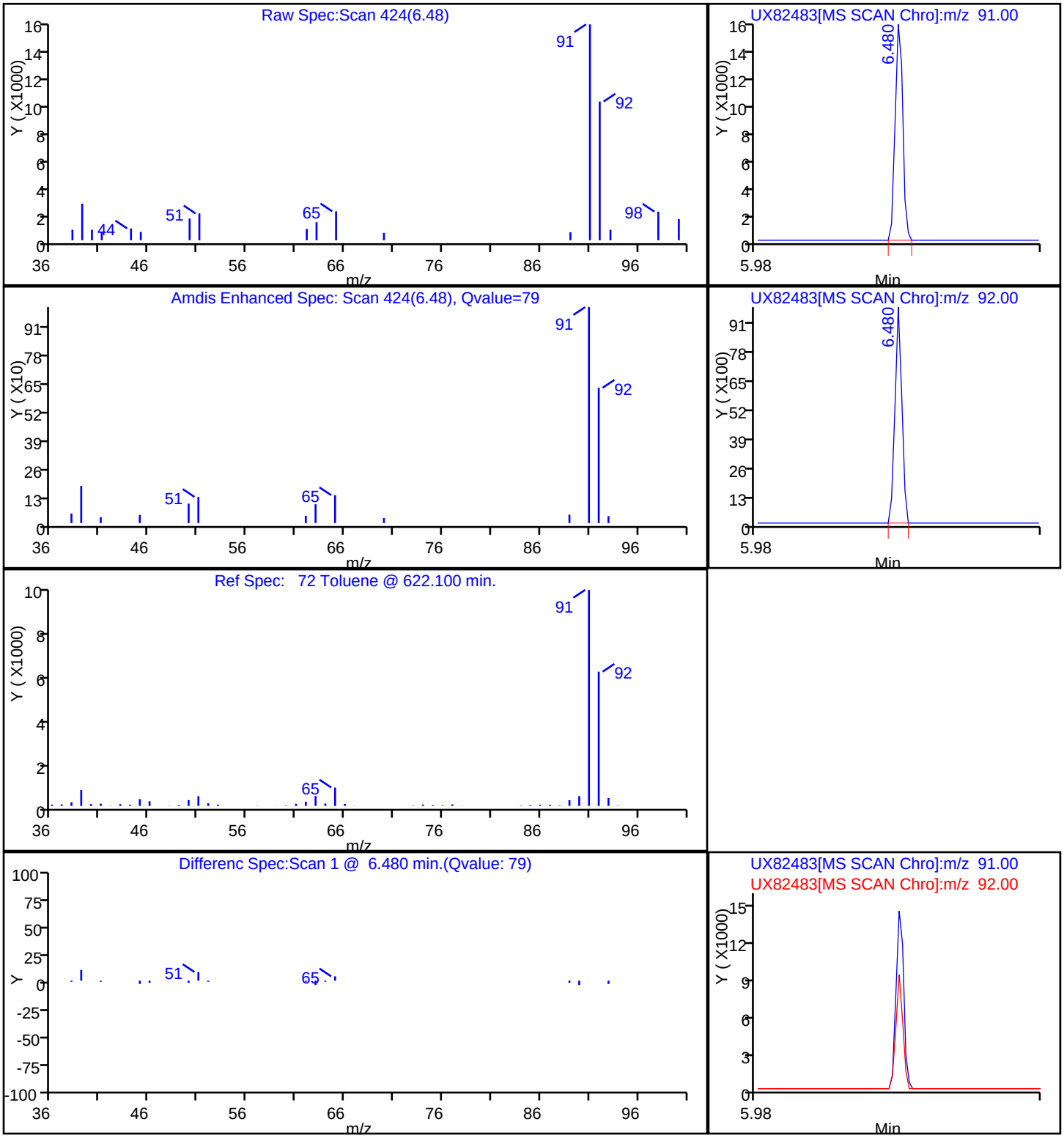
Report Date: 18-Dec-2012 02:06:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82483.D

Injection Date:	15-Dec-2012 07:28:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0101M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	30
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0102M-0001-SO | Lab Sample ID: 240-18544-21

Matrix: Solid | Lab File ID: UX82484.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 15:45

Sample wt/vol: 4.774(g) | Date Analyzed: 12/15/2012 07:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.4 | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	7.0	U	22	7.0	7.0
71-43-2	Benzene	0.56	U	5.6	0.56	0.26
74-97-5	Bromochloromethane	1.1	U	5.6	1.1	0.79
75-27-4	Bromodichloromethane	0.56	U	5.6	0.56	0.31
75-25-2	Bromoform	0.56	U	5.6	0.56	0.37
74-83-9	Bromomethane	1.1	U	5.6	1.1	0.60
78-93-3	2-Butanone (MEK)	2.2	U	22	2.2	1.6
75-15-0	Carbon disulfide	0.56	U	5.6	0.56	0.49
56-23-5	Carbon tetrachloride	0.56	U	5.6	0.56	0.41
108-90-7	Chlorobenzene	0.56	U	5.6	0.56	0.37
75-00-3	Chloroethane	1.1	U	5.6	1.1	0.96
67-66-3	Chloroform	0.56	U	5.6	0.56	0.32
74-87-3	Chloromethane	0.56	U	5.6	0.56	0.46
10061-01-5	cis-1,3-Dichloropropene	0.56	U	5.6	0.56	0.38
124-48-1	Dibromochloromethane	1.1	U	5.6	1.1	0.62
106-93-4	1,2-Dibromoethane	1.1	U	5.6	1.1	0.56
75-34-3	1,1-Dichloroethane	0.56	U	5.6	0.56	0.40
107-06-2	1,2-Dichloroethane	0.56	U	5.6	0.56	0.38
75-35-4	1,1-Dichloroethene	1.1	U	5.6	1.1	0.58
540-59-0	1,2-Dichloroethene, Total	1.1	U	11	1.1	0.86
78-87-5	1,2-Dichloropropane	1.1	U	5.6	1.1	0.77
100-41-4	Ethylbenzene	0.56	U	5.6	0.56	0.29
591-78-6	2-Hexanone	1.1	U	22	1.1	0.70
75-09-2	Methylene Chloride	1.1	U	5.6	1.1	0.75
108-10-1	4-Methyl-2-pentanone (MIBK)	1.1	U	22	1.1	0.60
100-42-5	Styrene	0.56	U	5.6	0.56	0.17
79-34-5	1,1,2,2-Tetrachloroethane	0.56	U	5.6	0.56	0.38
127-18-4	Tetrachloroethene	1.1	U	5.6	1.1	0.58
108-88-3	Toluene	1.7	J	5.6	0.56	0.30
10061-02-6	trans-1,3-Dichloropropene	1.1	U	5.6	1.1	0.60
71-55-6	1,1,1-Trichloroethane	1.1	U	5.6	1.1	0.63
79-00-5	1,1,2-Trichloroethane	0.56	U	5.6	0.56	0.44
79-01-6	Trichloroethene	0.56	U	5.6	0.56	0.47
75-01-4	Vinyl chloride	0.56	U	5.6	0.56	0.44
1330-20-7	Xylenes, Total	1.7	U	11	1.7	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0102M-0001-SO Lab Sample ID: 240-18544-21

Matrix: Solid Lab File ID: UX82484.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 15:45

Sample wt/vol: 4.774(g) Date Analyzed: 12/15/2012 07:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.4 Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	88		85-120
1868-53-7	Dibromofluoromethane (Surr)	94		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		61-130
2037-26-5	Toluene-d8 (Surr)	100		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82484.D
Lims ID: 240-18544-B-21-A Client ID: 076SB-0102M-0001-SO
Inject. Date: 15-Dec-2012 07:49:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015873-031
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 30
Lims Batch ID: 68830 Lims Sample ID: 31
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 15:18:30

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.158	-0.002	99	1537783	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	90	1084561	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	98	468005	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.626	-0.003	58	362916	46.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.886	-0.003	92	464897	48.4	
$ 7 Toluene-d8 (Surr)	98	6.421	6.424	-0.003	95	1351003	49.8	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.754	0.009	94	420155	43.7	
13 Chloromethane	50		1.752					
14 Vinyl chloride	62		1.870					
15 Bromomethane	94		2.177					
16 Chloroethane	64		2.272					
21 1,1-Dichloroethene	96		2.923					
22 Acetone	43		2.958					
26 Carbon disulfide	76		3.112					
30 Methylene Chloride	84		3.301					
34 Methyl tert-butyl ether	73		3.514					
33 trans-1,2-Dichloroethene	96		3.526					
36 1,1-Dichloroethane	63		3.833					
42 cis-1,2-Dichloroethene	96		4.271					
41 2-Butanone (MEK)	43		4.271					9
47 Chlorobromomethane	128		4.449					
49 Chloroform	83		4.508					
50 1,1,1-Trichloroethane	97		4.661					
53 Carbon tetrachloride	117		4.803					
55 Benzene	78		4.945					9
56 1,2-Dichloroethane	62		4.945					
60 Trichloroethene	130		5.442					
62 1,2-Dichloropropane	63		5.620					
67 Dichlorobromomethane	83		5.821					
70 cis-1,3-Dichloropropene	75		6.187					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.306					
72 Toluene	91	6.480	6.483	-0.003	85	39997	1.49	
73 trans-1,3-Dichloropropene	75		6.637					
75 1,1,2-Trichloroethane	97		6.802					
77 Tetrachloroethene	164		6.956					
78 2-Hexanone	43		7.003					
79 Chlorodibromomethane	129		7.157					
123 Ethylene Dibromide	107		7.276					
82 Chlorobenzene	112		7.713					
84 Ethylbenzene	106		7.796					
10 m-Xylene & p-Xylene	106		7.902					9
85 o-Xylene	106		8.269					
86 Styrene	104		8.281					
87 Bromoform	173		8.458					
90 1,1,2,2-Tetrachloroethane	83		8.872					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

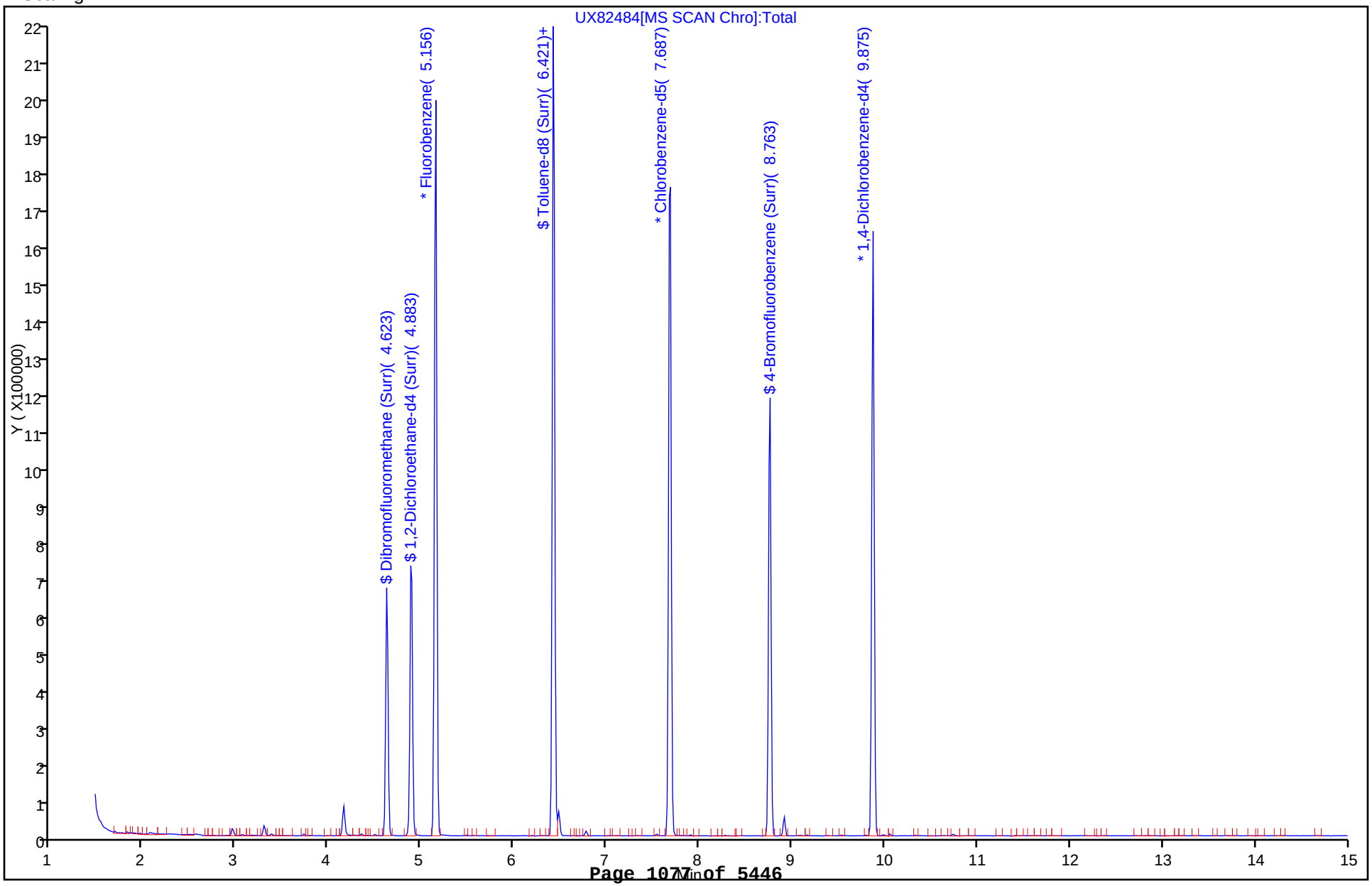
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 18-Dec-2012 02:06:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82484.D		
Injection Date:	15-Dec-2012 07:49:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0102M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	31
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



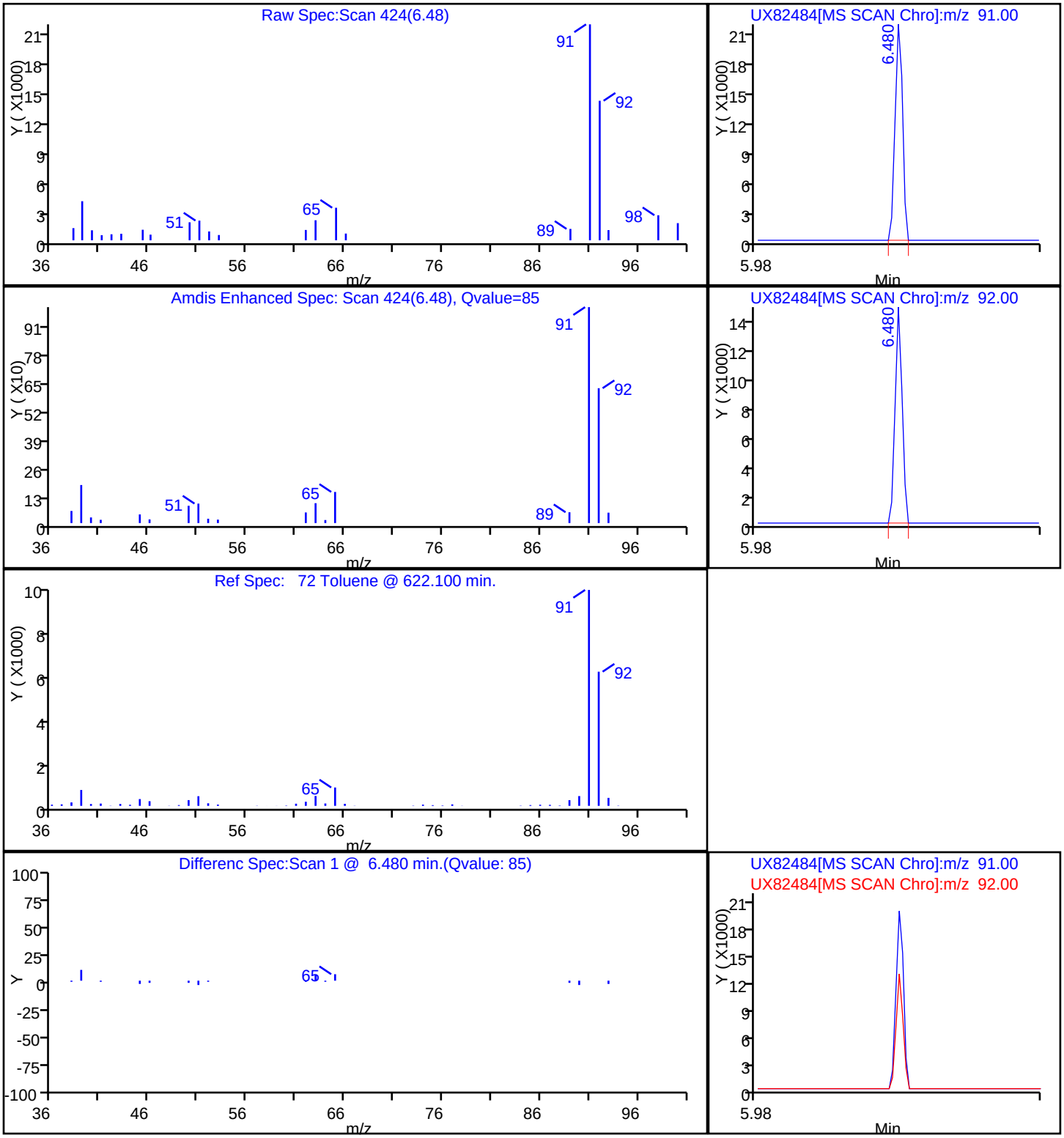
Report Date: 18-Dec-2012 02:06:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82484.D

Injection Date:	15-Dec-2012 07:49:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0102M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	31
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0103M-0001-SO | Lab Sample ID: 240-18544-22

Matrix: Solid | Lab File ID: UX82508.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 15:45

Sample wt/vol: 5.197(g) | Date Analyzed: 12/15/2012 22:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.9 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	6.8	U	22	6.8	6.8
71-43-2	Benzene	0.54	U	5.4	0.54	0.25
74-97-5	Bromochloromethane	1.1	U	5.4	1.1	0.77
75-27-4	Bromodichloromethane	0.54	U	5.4	0.54	0.30
75-25-2	Bromoform	0.54	U	5.4	0.54	0.36
74-83-9	Bromomethane	1.1	U	5.4	1.1	0.58
78-93-3	2-Butanone (MEK)	2.2	U	22	2.2	1.5
75-15-0	Carbon disulfide	0.54	U	5.4	0.54	0.48
56-23-5	Carbon tetrachloride	0.54	U	5.4	0.54	0.40
108-90-7	Chlorobenzene	0.54	U	5.4	0.54	0.36
75-00-3	Chloroethane	1.1	U	5.4	1.1	0.93
67-66-3	Chloroform	0.54	U	5.4	0.54	0.31
74-87-3	Chloromethane	0.54	U	5.4	0.54	0.44
10061-01-5	cis-1,3-Dichloropropene	0.54	U	5.4	0.54	0.37
124-48-1	Dibromochloromethane	1.1	U	5.4	1.1	0.59
106-93-4	1,2-Dibromoethane	1.1	U	5.4	1.1	0.54
75-34-3	1,1-Dichloroethane	0.54	U	5.4	0.54	0.39
107-06-2	1,2-Dichloroethane	0.54	U	5.4	0.54	0.37
75-35-4	1,1-Dichloroethene	1.1	U	5.4	1.1	0.56
540-59-0	1,2-Dichloroethene, Total	1.1	U	11	1.1	0.83
78-87-5	1,2-Dichloropropane	1.1	U	5.4	1.1	0.75
100-41-4	Ethylbenzene	0.54	U	5.4	0.54	0.28
591-78-6	2-Hexanone	1.9	J	22	1.1	0.68
75-09-2	Methylene Chloride	1.1	U	5.4	1.1	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	J	22	1.1	0.58
100-42-5	Styrene	0.54	U	5.4	0.54	0.16
79-34-5	1,1,2,2-Tetrachloroethane	0.54	U	5.4	0.54	0.37
127-18-4	Tetrachloroethene	1.1	U	5.4	1.1	0.56
108-88-3	Toluene	1.5	J	5.4	0.54	0.29
10061-02-6	trans-1,3-Dichloropropene	1.1	U	5.4	1.1	0.58
71-55-6	1,1,1-Trichloroethane	1.1	U	5.4	1.1	0.60
79-00-5	1,1,2-Trichloroethane	0.54	U	5.4	0.54	0.42
79-01-6	Trichloroethene	0.54	U	5.4	0.54	0.45
75-01-4	Vinyl chloride	0.54	U	5.4	0.54	0.42
1330-20-7	Xylenes, Total	1.6	U	11	1.6	0.72

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0103M-0001-SO Lab Sample ID: 240-18544-22

Matrix: Solid Lab File ID: UX82508.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 15:45

Sample wt/vol: 5.197(g) Date Analyzed: 12/15/2012 22:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.9 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	100		85-120
1868-53-7	Dibromofluoromethane (Surr)	102		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		61-130
2037-26-5	Toluene-d8 (Surr)	102		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82508.D
Lims ID: 240-18544-B-22-A Client ID: 076SB-0103M-0001-SO
Inject. Date: 15-Dec-2012 22:46:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-017
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 16
Lims Batch ID: 68879 Lims Sample ID: 17
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 16-Dec-2012 23:47:52

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.147	0.009	100	1580697	50.0	
* 2 Chlorobenzene-d5	117	7.688	7.678	0.010	90	1118254	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.878	-0.002	99	550318	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.624	0.0	59	401535	51.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.884	0.0	84	526236	54.4	
$ 7 Toluene-d8 (Surr)	98	6.422	6.421	0.001	95	1424564	51.1	
$ 131 4-Bromofluorobenzene (Surr)	95	8.752	8.763	-0.011	93	483472	50.1	
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
21 1,1-Dichloroethene	96		2.932					
22 Acetone	43	2.956	2.956	0.0	92	25296	0.7829	
26 Carbon disulfide	76		3.109					
30 Methylene Chloride	84	3.299	3.299	0.0	81	13452	0.1417	
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43	4.269	4.269	0.0	63	4791	0.7687	
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
53 Carbon tetrachloride	117		4.801					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					
60 Trichloroethene	130		5.440					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.830					
70 cis-1,3-Dichloropropene	75		6.185					

	Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71	4-Methyl-2-pentanone (MIBK)	43	6.304	6.303	0.001	70	12854	1.16	
72	Toluene	91	6.481	6.481	0.0	80	39683	1.43	
73	trans-1,3-Dichloropropene	75		6.646					
75	1,1,2-Trichloroethane	97		6.800					
77	Tetrachloroethene	164		6.966					
78	2-Hexanone	43	7.013	7.001	0.012	73	13093	1.75	
79	Chlorodibromomethane	129		7.155					
123	Ethylene Dibromide	107		7.273					
82	Chlorobenzene	112		7.711					9
84	Ethylbenzene	106		7.794					9
10	m-Xylene & p-Xylene	106		7.900					9
85	o-Xylene	106		8.267					
86	Styrene	104		8.279					9
87	Bromoform	173		8.456					
90	1,1,2,2-Tetrachloroethane	83		8.870					
S 11	1,2-Dichloroethene, Total	96		1.140					
S 114	Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

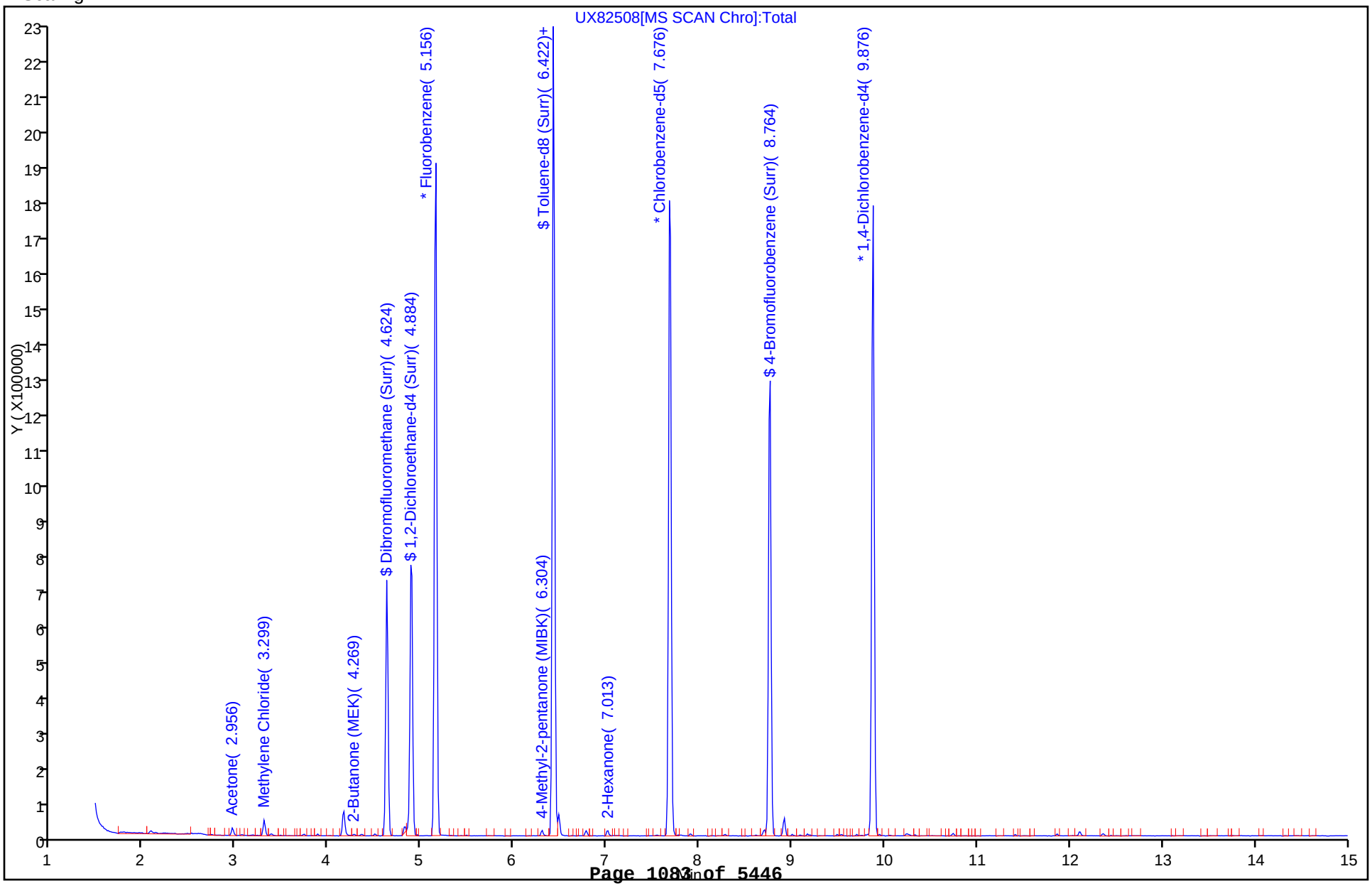
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82508.D

Injection Date:	15-Dec-2012 22:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0103M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	17
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



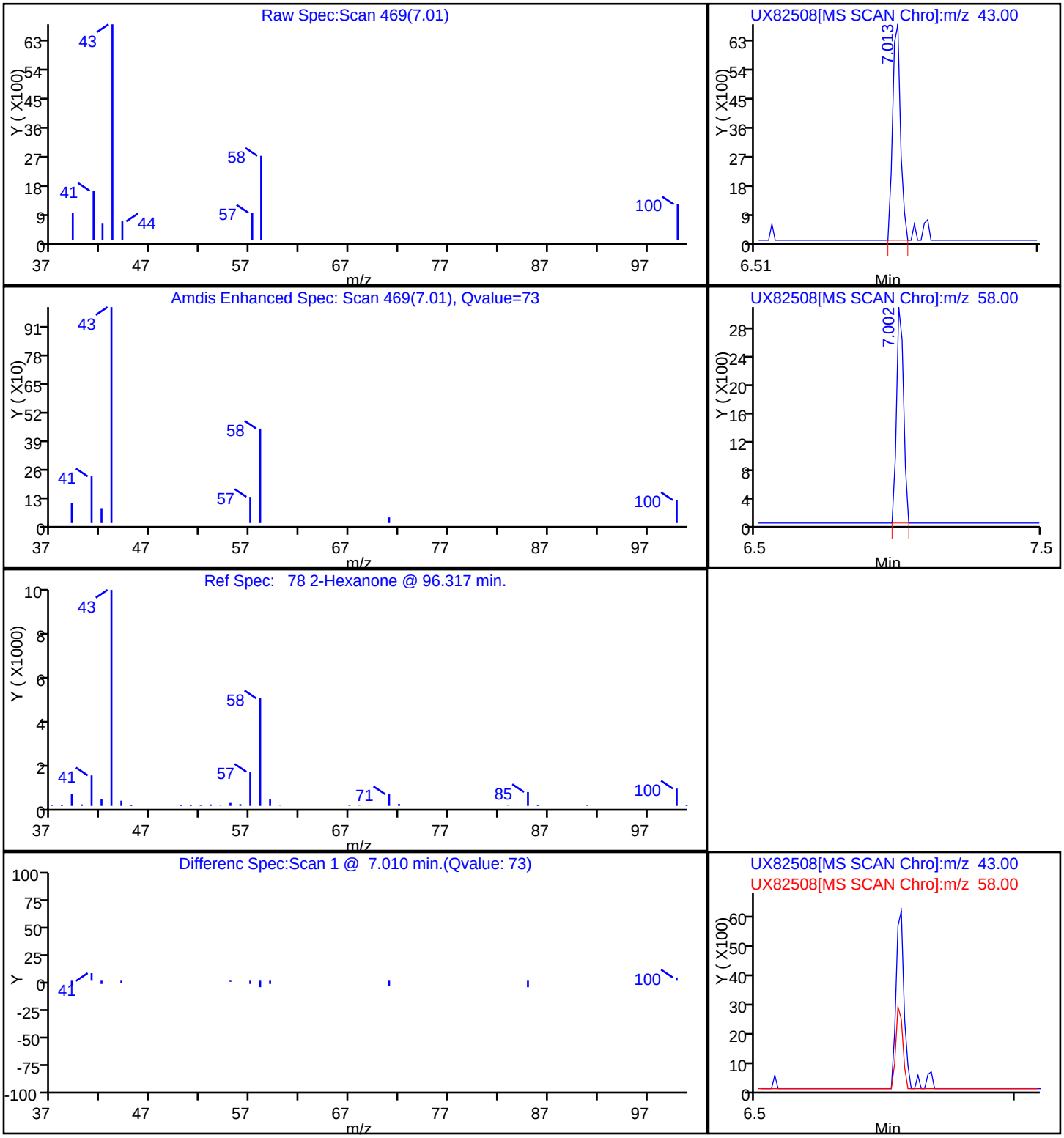
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82508.D

Injection Date:	15-Dec-2012 22:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0103M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	17
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

78 2-Hexanone



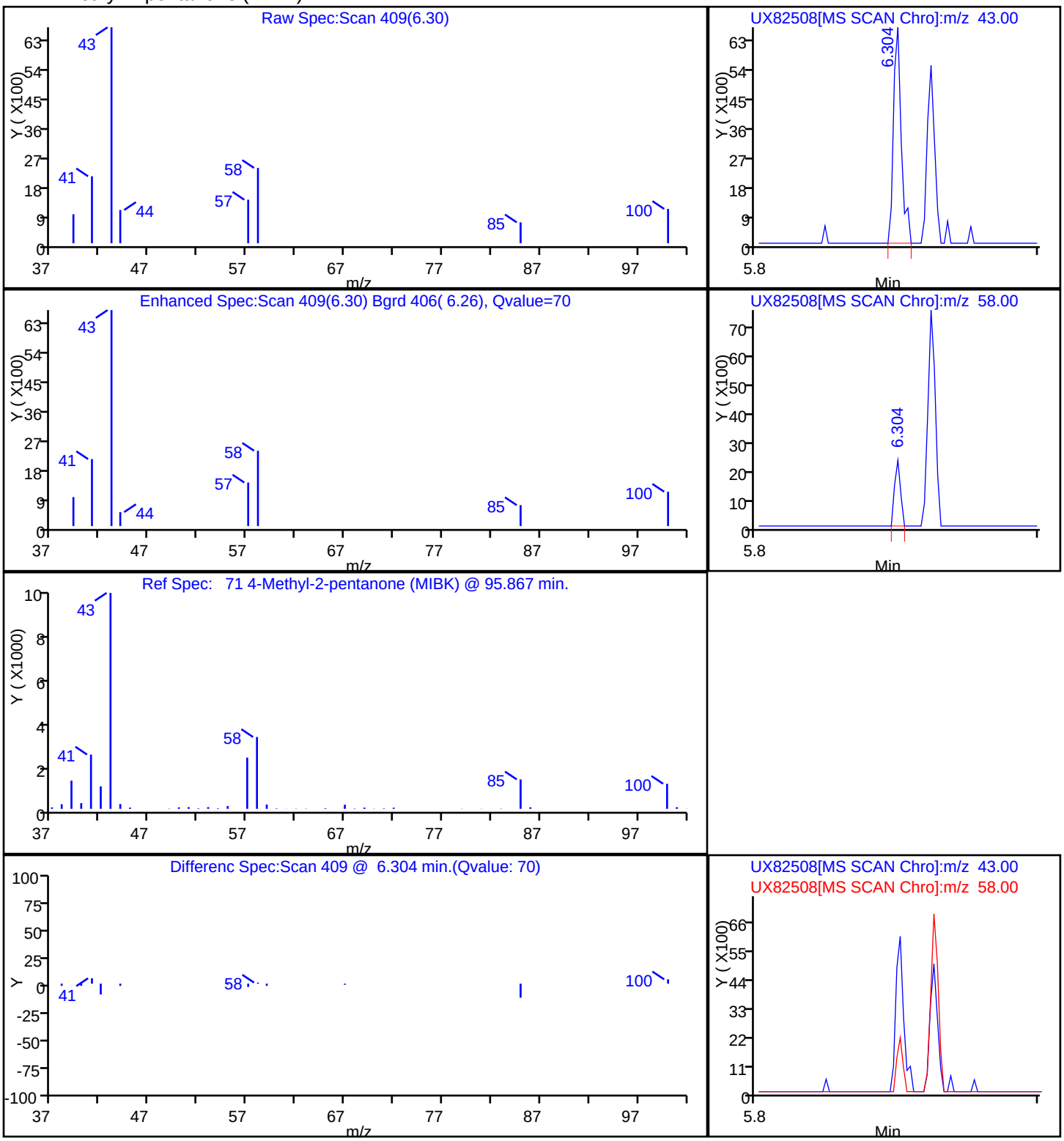
Report Date: 19-Dec-2012 02:39:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82508.D

Injection Date:	15-Dec-2012 22:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0103M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	17
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

71 4-Methyl-2-pentanone (MIBK)



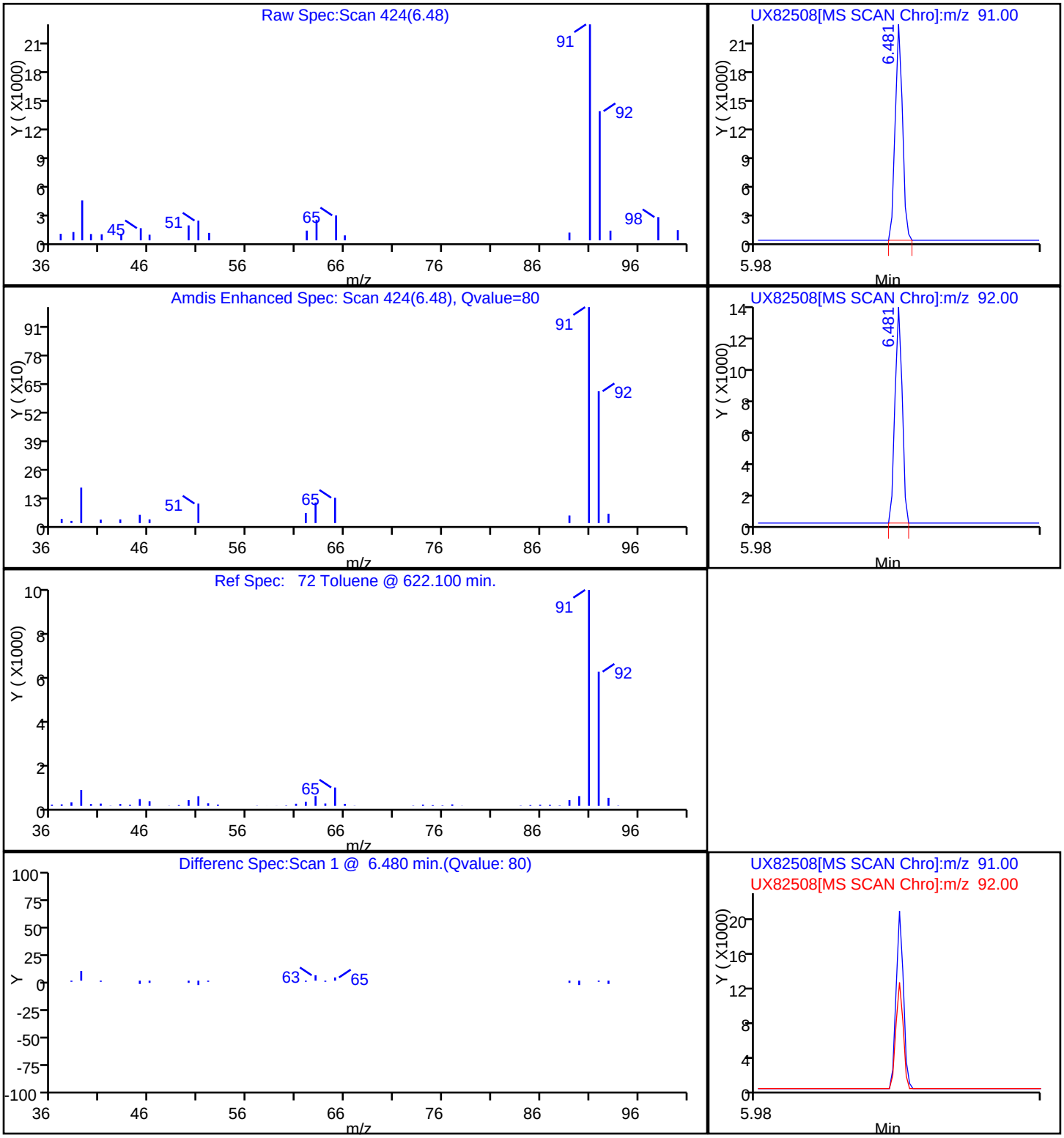
Report Date: 19-Dec-2012 02:39:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82508.D

Injection Date:	15-Dec-2012 22:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0103M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	17
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0104M-0001-SO | Lab Sample ID: 240-18544-23

Matrix: Solid | Lab File ID: UX82509.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 16:35

Sample wt/vol: 6.167(g) | Date Analyzed: 12/15/2012 23:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.6 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	6.0	U	19	6.0	6.0
71-43-2	Benzene	0.47	U	4.7	0.47	0.22
74-97-5	Bromochloromethane	0.95	U	4.7	0.95	0.67
75-27-4	Bromodichloromethane	0.47	U	4.7	0.47	0.27
75-25-2	Bromoform	0.47	U	4.7	0.47	0.31
74-83-9	Bromomethane	0.95	U	4.7	0.95	0.51
78-93-3	2-Butanone (MEK)	1.9	U	19	1.9	1.3
75-15-0	Carbon disulfide	0.47	U	4.7	0.47	0.42
56-23-5	Carbon tetrachloride	0.47	U	4.7	0.47	0.35
108-90-7	Chlorobenzene	0.47	U	4.7	0.47	0.31
75-00-3	Chloroethane	0.95	U	4.7	0.95	0.82
67-66-3	Chloroform	0.47	U	4.7	0.47	0.28
74-87-3	Chloromethane	0.47	U	4.7	0.47	0.39
10061-01-5	cis-1,3-Dichloropropene	0.47	U	4.7	0.47	0.32
124-48-1	Dibromochloromethane	0.95	U	4.7	0.95	0.52
106-93-4	1,2-Dibromoethane	0.95	U	4.7	0.95	0.47
75-34-3	1,1-Dichloroethane	0.47	U	4.7	0.47	0.34
107-06-2	1,2-Dichloroethane	0.47	U	4.7	0.47	0.32
75-35-4	1,1-Dichloroethene	0.95	U	4.7	0.95	0.49
540-59-0	1,2-Dichloroethene, Total	0.95	U	9.5	0.95	0.73
78-87-5	1,2-Dichloropropane	0.95	U	4.7	0.95	0.66
100-41-4	Ethylbenzene	0.47	U	4.7	0.47	0.25
591-78-6	2-Hexanone	0.95	U	19	0.95	0.60
75-09-2	Methylene Chloride	0.95	U	4.7	0.95	0.64
108-10-1	4-Methyl-2-pentanone (MIBK)	0.95	U	19	0.95	0.51
100-42-5	Styrene	0.47	U	4.7	0.47	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.47	U	4.7	0.47	0.32
127-18-4	Tetrachloroethene	0.95	U	4.7	0.95	0.49
108-88-3	Toluene	1.4	J	4.7	0.47	0.26
10061-02-6	trans-1,3-Dichloropropene	0.95	U	4.7	0.95	0.51
71-55-6	1,1,1-Trichloroethane	0.95	U	4.7	0.95	0.53
79-00-5	1,1,2-Trichloroethane	0.47	U	4.7	0.47	0.37
79-01-6	Trichloroethene	0.47	U	4.7	0.47	0.40
75-01-4	Vinyl chloride	0.47	U	4.7	0.47	0.37
1330-20-7	Xylenes, Total	1.4	U	9.5	1.4	0.64

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0104M-0001-SO Lab Sample ID: 240-18544-23

Matrix: Solid Lab File ID: UX82509.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 16:35

Sample wt/vol: 6.167(g) Date Analyzed: 12/15/2012 23:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.6 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	96		85-120
1868-53-7	Dibromofluoromethane (Surr)	103		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		61-130
2037-26-5	Toluene-d8 (Surr)	99		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82509.D
Lims ID: 240-18544-B-23-A Client ID: 076SB-0104M-0001-SO
Inject. Date: 15-Dec-2012 23:07:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-018
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 17
Lims Batch ID: 68879 Lims Sample ID: 18
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 16-Dec-2012 23:49:57

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.147	5.147	0.0	99	1560416	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.678	0.0	90	1121187	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	99	534372	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.627	4.624	0.002	59	398010	51.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.884	0.003	92	516360	54.0	
$ 7 Toluene-d8 (Surr)	98	6.424	6.421	0.003	94	1387965	49.4	
$ 131 4-Bromofluorobenzene (Surr)	95	8.755	8.763	-0.008	92	467112	47.9	
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
21 1,1-Dichloroethene	96		2.932					
22 Acetone	43	2.959	2.956	0.003	81	22428	0.1008	
26 Carbon disulfide	76		3.109					
30 Methylene Chloride	84	3.302	3.299	0.003	86	15811	0.5271	
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43		4.269					9
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
53 Carbon tetrachloride	117		4.801					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					9
60 Trichloroethene	130		5.440					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.830					
70 cis-1,3-Dichloropropene	75		6.185					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.303					9
72 Toluene	91	6.484	6.481	0.003	87	42329	1.53	
73 trans-1,3-Dichloropropene	75		6.646					
75 1,1,2-Trichloroethane	97		6.800					
77 Tetrachloroethene	164		6.966					
78 2-Hexanone	43		7.001					9
79 Chlorodibromomethane	129		7.155					
123 Ethylene Dibromide	107		7.273					
82 Chlorobenzene	112		7.711					
84 Ethylbenzene	106		7.794					
10 m-Xylene & p-Xylene	106		7.900					
85 o-Xylene	106		8.267					
86 Styrene	104		8.279					
87 Bromoform	173		8.456					
90 1,1,2,2-Tetrachloroethane	83		8.870					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

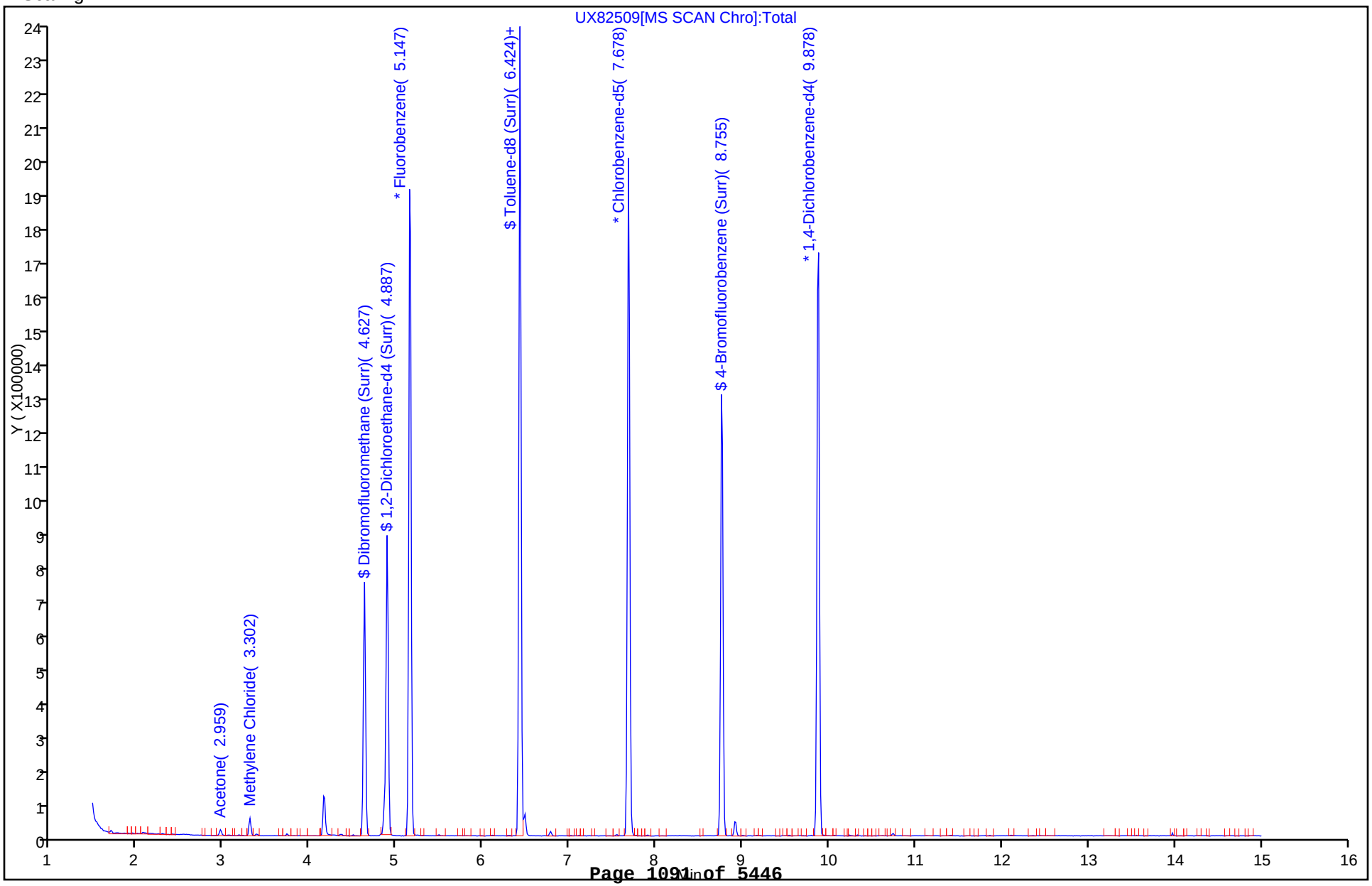
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 19-Dec-2012 02:39:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82509.D		
Injection Date:	15-Dec-2012 23:07:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0104M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	18
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



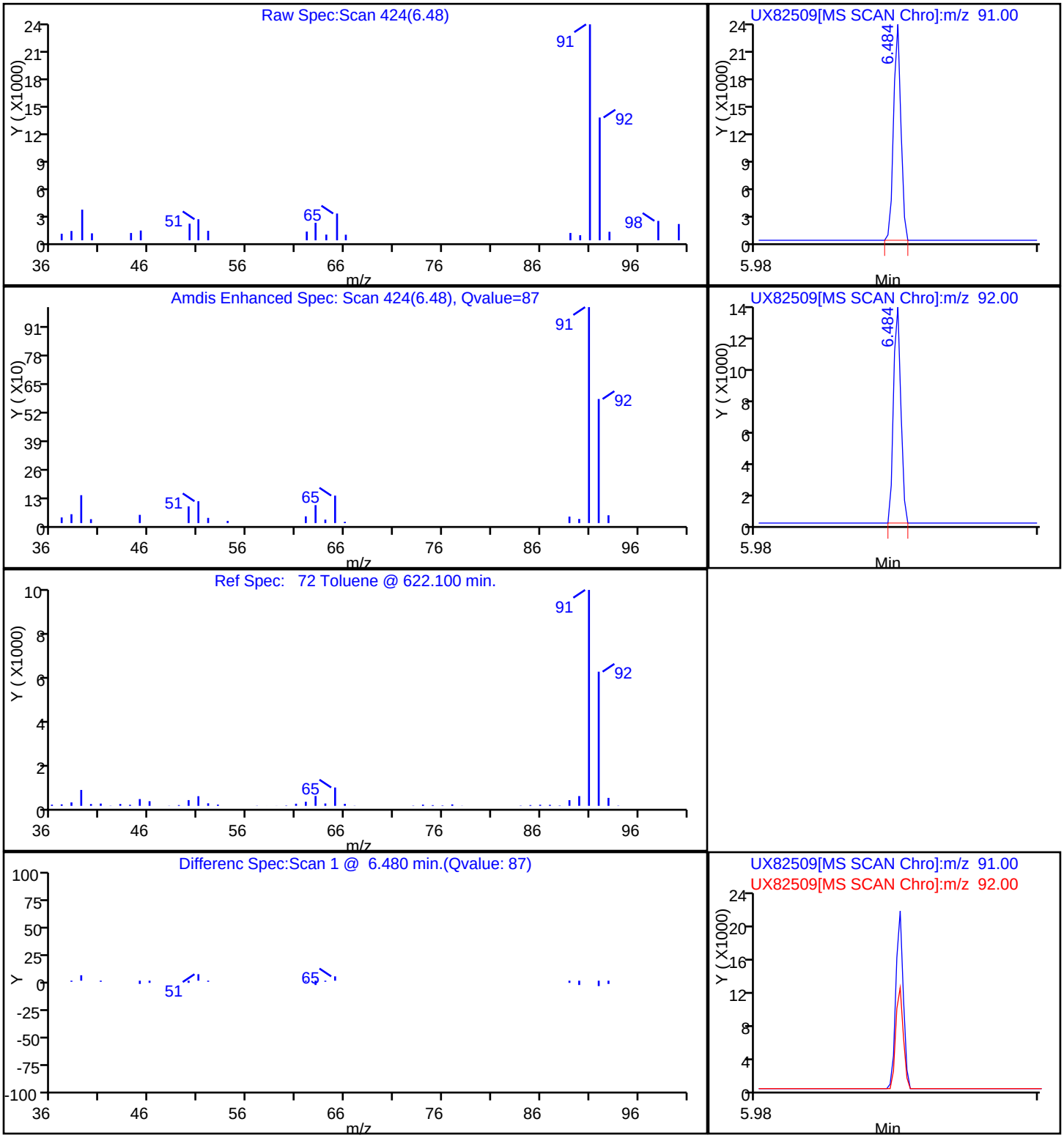
Report Date: 19-Dec-2012 02:39:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82509.D

Injection Date:	15-Dec-2012 23:07:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0104M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	18
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0105M-0001-SO | Lab Sample ID: 240-18544-24

Matrix: Solid | Lab File ID: UX82510.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 16:35

Sample wt/vol: 4.969(g) | Date Analyzed: 12/15/2012 23:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.5 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	7.2	U	23	7.2	7.2
71-43-2	Benzene	0.58	U	5.8	0.58	0.26
74-97-5	Bromochloromethane	1.2	U	5.8	1.2	0.82
75-27-4	Bromodichloromethane	0.58	U	5.8	0.58	0.32
75-25-2	Bromoform	0.58	U	5.8	0.58	0.38
74-83-9	Bromomethane	1.2	U	5.8	1.2	0.62
78-93-3	2-Butanone (MEK)	2.3	U	23	2.3	1.6
75-15-0	Carbon disulfide	0.58	U	5.8	0.58	0.51
56-23-5	Carbon tetrachloride	0.58	U	5.8	0.58	0.43
108-90-7	Chlorobenzene	0.58	U	5.8	0.58	0.38
75-00-3	Chloroethane	1.2	U	5.8	1.2	0.99
67-66-3	Chloroform	0.58	U	5.8	0.58	0.33
74-87-3	Chloromethane	0.58	U	5.8	0.58	0.47
10061-01-5	cis-1,3-Dichloropropene	0.58	U	5.8	0.58	0.39
124-48-1	Dibromochloromethane	1.2	U	5.8	1.2	0.63
106-93-4	1,2-Dibromoethane	1.2	U	5.8	1.2	0.58
75-34-3	1,1-Dichloroethane	0.58	U	5.8	0.58	0.41
107-06-2	1,2-Dichloroethane	0.58	U	5.8	0.58	0.39
75-35-4	1,1-Dichloroethene	1.2	U	5.8	1.2	0.60
540-59-0	1,2-Dichloroethene, Total	1.2	U	12	1.2	0.89
78-87-5	1,2-Dichloropropane	1.2	U	5.8	1.2	0.79
100-41-4	Ethylbenzene	0.58	U	5.8	0.58	0.30
591-78-6	2-Hexanone	1.2	U	23	1.2	0.72
75-09-2	Methylene Chloride	2.5	J	5.8	1.2	0.77
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	23	1.2	0.62
100-42-5	Styrene	0.58	U	5.8	0.58	0.17
79-34-5	1,1,2,2-Tetrachloroethane	0.58	U	5.8	0.58	0.39
127-18-4	Tetrachloroethene	1.2	U	5.8	1.2	0.60
108-88-3	Toluene	1.5	J	5.8	0.58	0.31
10061-02-6	trans-1,3-Dichloropropene	1.2	U	5.8	1.2	0.62
71-55-6	1,1,1-Trichloroethane	1.2	U	5.8	1.2	0.64
79-00-5	1,1,2-Trichloroethane	0.58	U	5.8	0.58	0.45
79-01-6	Trichloroethene	0.58	U	5.8	0.58	0.48
75-01-4	Vinyl chloride	0.58	U	5.8	0.58	0.45
1330-20-7	Xylenes, Total	1.7	U	12	1.7	0.77

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0105M-0001-SO | Lab Sample ID: 240-18544-24

Matrix: Solid | Lab File ID: UX82510.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 16:35

Sample wt/vol: 4.969(g) | Date Analyzed: 12/15/2012 23:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.5 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		85-120
1868-53-7	Dibromofluoromethane (Surr)	100		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		61-130
2037-26-5	Toluene-d8 (Surr)	99		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82510.D
Lims ID: 240-18544-B-24-A Client ID: 076SB-0105M-0001-SO
Inject. Date: 15-Dec-2012 23:29:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-019
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 18
Lims Batch ID: 68879 Lims Sample ID: 19
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 16-Dec-2012 23:50:47

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.147	5.147	0.0	99	1557076	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.678	0.0	90	1116682	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	98	534205	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.624	0.002	59	387749	50.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.884	0.002	92	514383	53.9	
$ 7 Toluene-d8 (Surr)	98	6.424	6.421	0.003	95	1388620	49.7	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.763	-0.009	92	462434	47.5	
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
21 1,1-Dichloroethene	96		2.932					
22 Acetone	43		2.956					
26 Carbon disulfide	76		3.109					
30 Methylene Chloride	84	3.301	3.299	0.002	92	26517	2.17	
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43		4.269					9
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
53 Carbon tetrachloride	117		4.801					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					
60 Trichloroethene	130		5.440					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.830					
70 cis-1,3-Dichloropropene	75		6.185					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.303					9
72 Toluene	91	6.483	6.481	0.002	80	36862	1.33	
73 trans-1,3-Dichloropropene	75		6.646					
75 1,1,2-Trichloroethane	97		6.800					
77 Tetrachloroethene	164		6.966					
78 2-Hexanone	43		7.001					9
79 Chlorodibromomethane	129		7.155					
123 Ethylene Dibromide	107		7.273					
82 Chlorobenzene	112		7.711					
84 Ethylbenzene	106		7.794					
10 m-Xylene & p-Xylene	106		7.900					
85 o-Xylene	106		8.267					
86 Styrene	104		8.279					
87 Bromoform	173		8.456					
90 1,1,2,2-Tetrachloroethane	83		8.870					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

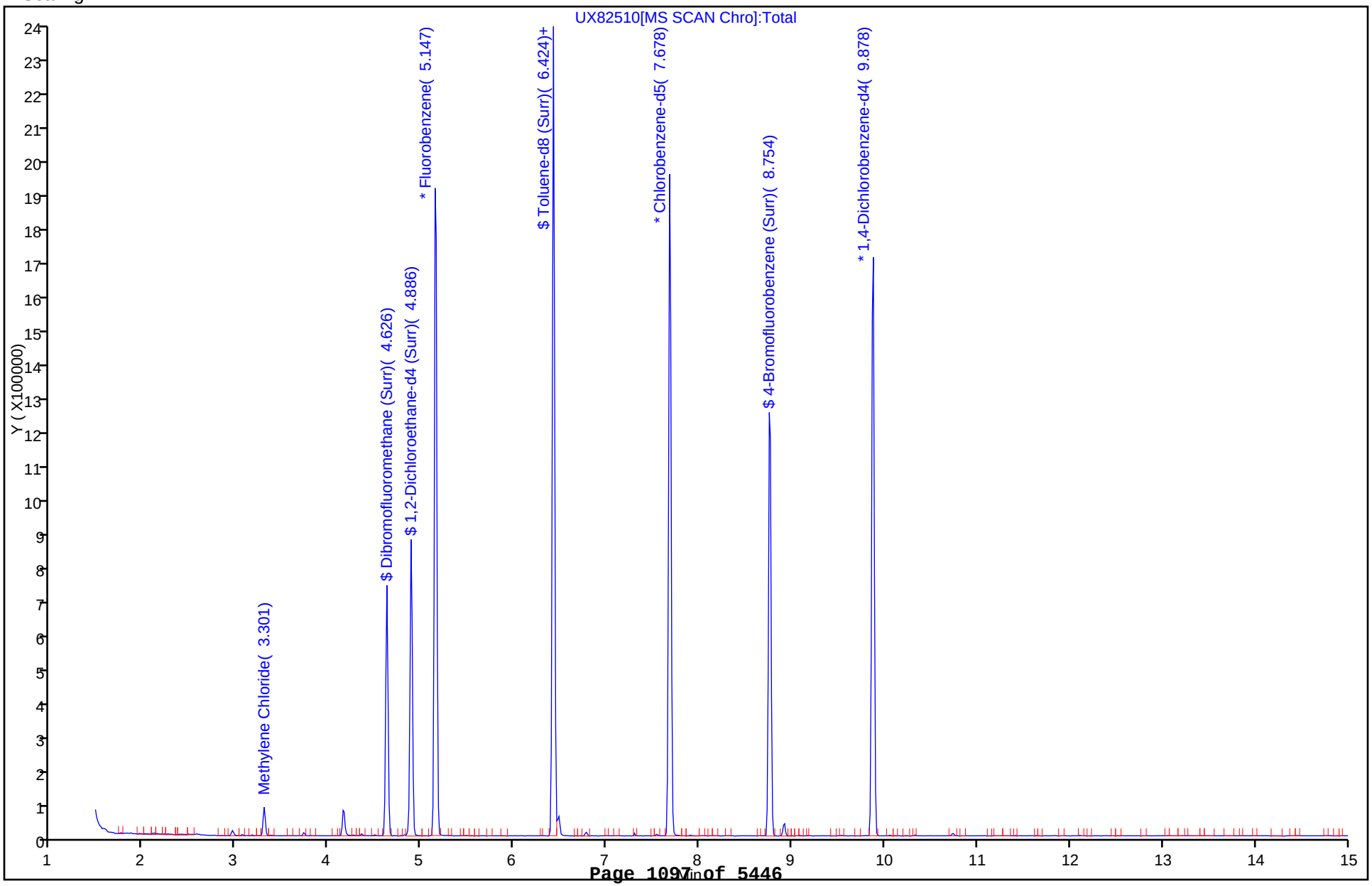
Report Date: 19-Dec-2012 02:39:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82510.D

Injection Date:	15-Dec-2012 23:29:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0105M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	19
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



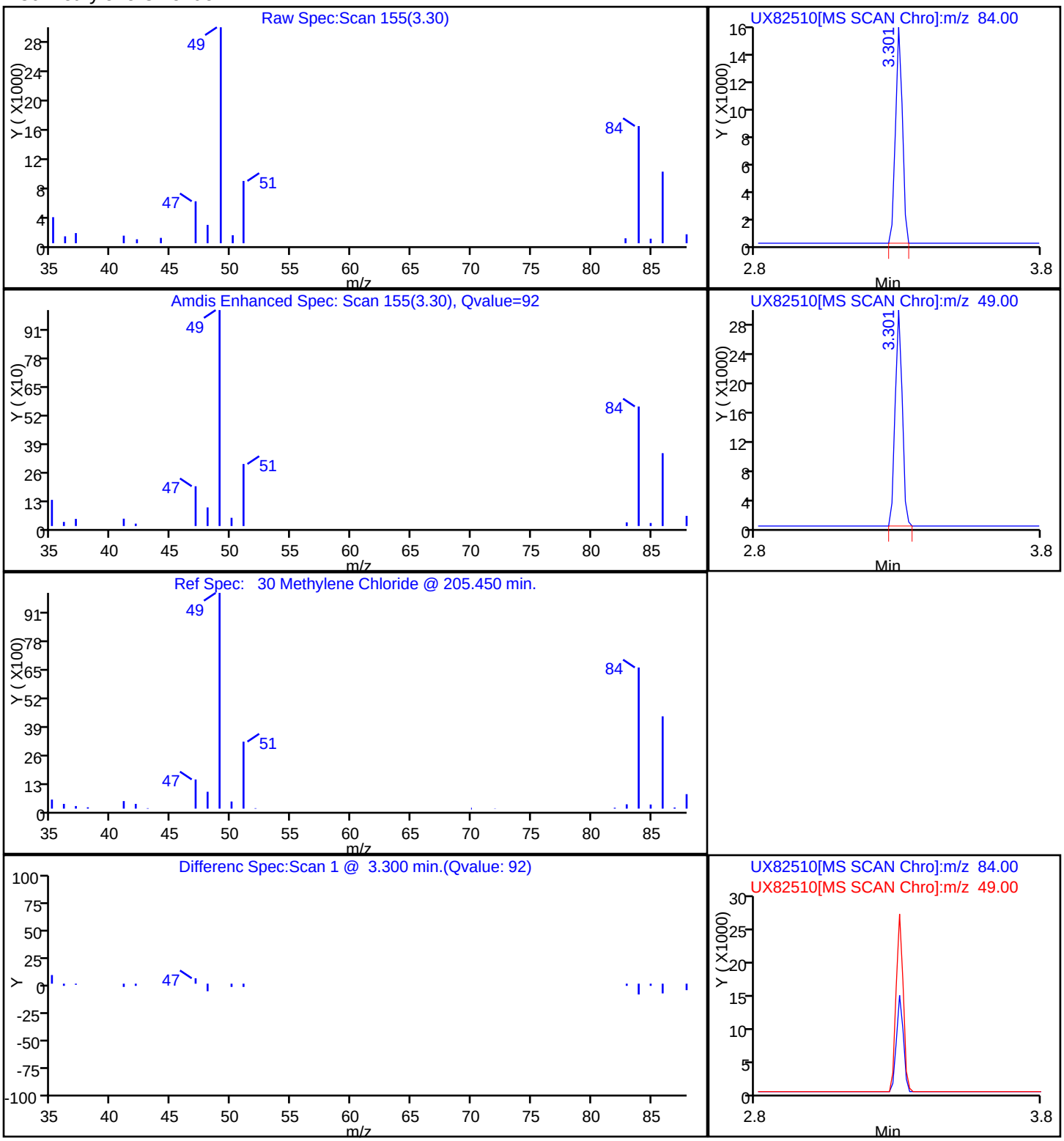
Report Date: 19-Dec-2012 02:39:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82510.D

Injection Date:	15-Dec-2012 23:29:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0105M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	19
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

30 Methylene Chloride



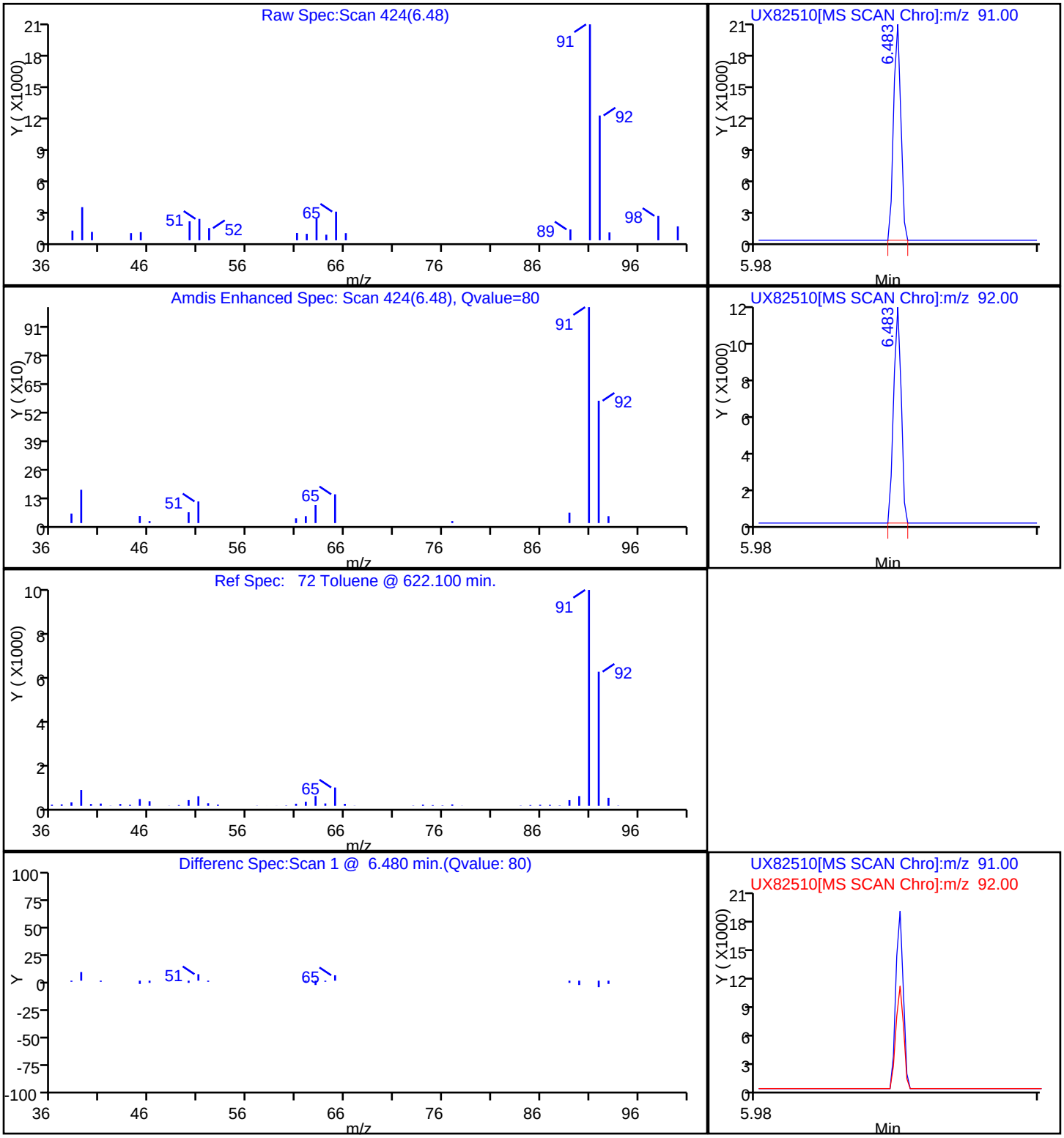
Report Date: 19-Dec-2012 02:39:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82510.D

Injection Date:	15-Dec-2012 23:29:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0105M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	19
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0106M-0001-SO | Lab Sample ID: 240-18544-25

Matrix: Solid | Lab File ID: UX82511.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 16:25

Sample wt/vol: 5.839(g) | Date Analyzed: 12/15/2012 23:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.1 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	5.9	U	19	5.9	5.9
71-43-2	Benzene	0.47	U	4.7	0.47	0.22
74-97-5	Bromochloromethane	0.94	U	4.7	0.94	0.67
75-27-4	Bromodichloromethane	0.47	U	4.7	0.47	0.26
75-25-2	Bromoform	0.47	U	4.7	0.47	0.31
74-83-9	Bromomethane	0.94	U	4.7	0.94	0.51
78-93-3	2-Butanone (MEK)	1.9	U	19	1.9	1.3
75-15-0	Carbon disulfide	0.47	U	4.7	0.47	0.41
56-23-5	Carbon tetrachloride	0.47	U	4.7	0.47	0.35
108-90-7	Chlorobenzene	0.47	U	4.7	0.47	0.31
75-00-3	Chloroethane	0.94	U	4.7	0.94	0.81
67-66-3	Chloroform	0.47	U	4.7	0.47	0.27
74-87-3	Chloromethane	0.47	U	4.7	0.47	0.39
10061-01-5	cis-1,3-Dichloropropene	0.47	U	4.7	0.47	0.32
124-48-1	Dibromochloromethane	0.94	U	4.7	0.94	0.52
106-93-4	1,2-Dibromoethane	0.94	U	4.7	0.94	0.47
75-34-3	1,1-Dichloroethane	0.47	U	4.7	0.47	0.34
107-06-2	1,2-Dichloroethane	0.47	U	4.7	0.47	0.32
75-35-4	1,1-Dichloroethene	0.94	U	4.7	0.94	0.49
540-59-0	1,2-Dichloroethene, Total	0.94	U	9.4	0.94	0.73
78-87-5	1,2-Dichloropropane	0.94	U	4.7	0.94	0.65
100-41-4	Ethylbenzene	0.47	U	4.7	0.47	0.24
591-78-6	2-Hexanone	0.94	U	19	0.94	0.59
75-09-2	Methylene Chloride	0.94	U	4.7	0.94	0.63
108-10-1	4-Methyl-2-pentanone (MIBK)	0.94	U	19	0.94	0.51
100-42-5	Styrene	0.47	U	4.7	0.47	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.47	U	4.7	0.47	0.32
127-18-4	Tetrachloroethene	0.94	U	4.7	0.94	0.49
108-88-3	Toluene	0.97	J	4.7	0.47	0.25
10061-02-6	trans-1,3-Dichloropropene	0.94	U	4.7	0.94	0.51
71-55-6	1,1,1-Trichloroethane	0.94	U	4.7	0.94	0.53
79-00-5	1,1,2-Trichloroethane	0.47	U	4.7	0.47	0.37
79-01-6	Trichloroethene	0.47	U	4.7	0.47	0.40
75-01-4	Vinyl chloride	0.47	U	4.7	0.47	0.37
1330-20-7	Xylenes, Total	1.4	U	9.4	1.4	0.63

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0106M-0001-SO Lab Sample ID: 240-18544-25

Matrix: Solid Lab File ID: UX82511.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 16:25

Sample wt/vol: 5.839(g) Date Analyzed: 12/15/2012 23:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.1 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	93		85-120
1868-53-7	Dibromofluoromethane (Surr)	97		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		61-130
2037-26-5	Toluene-d8 (Surr)	96		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82511.D
Lims ID: 240-18544-B-25-A Client ID: 076SB-0106M-0001-SO
Inject. Date: 15-Dec-2012 23:50:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-020
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 19
Lims Batch ID: 68879 Lims Sample ID: 20
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 16-Dec-2012 23:51:22

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.147	0.009	99	1601509	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	90	1148068	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.878	-0.002	98	560279	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.624	0.0	59	389848	48.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.884	0.0	93	515487	52.2	
$ 7 Toluene-d8 (Surr)	98	6.422	6.421	0.001	95	1389331	48.1	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.763	0.001	95	468873	46.7	
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
21 1,1-Dichloroethene	96		2.932					
22 Acetone	43		2.956					
26 Carbon disulfide	76		3.109					
30 Methylene Chloride	84		3.299					
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43		4.269					9
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
53 Carbon tetrachloride	117		4.801					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					
60 Trichloroethene	130		5.440					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.830					
70 cis-1,3-Dichloropropene	75		6.185					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.303					9
72 Toluene	91	6.481	6.481	0.0	77	29232	1.03	
73 trans-1,3-Dichloropropene	75		6.646					
75 1,1,2-Trichloroethane	97		6.800					
77 Tetrachloroethene	164		6.966					
78 2-Hexanone	43		7.001					
79 Chlorodibromomethane	129		7.155					
123 Ethylene Dibromide	107		7.273					
82 Chlorobenzene	112		7.711					
84 Ethylbenzene	106		7.794					
10 m-Xylene & p-Xylene	106		7.900					
85 o-Xylene	106		8.267					
86 Styrene	104		8.279					
87 Bromoform	173		8.456					
90 1,1,2,2-Tetrachloroethane	83		8.870					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

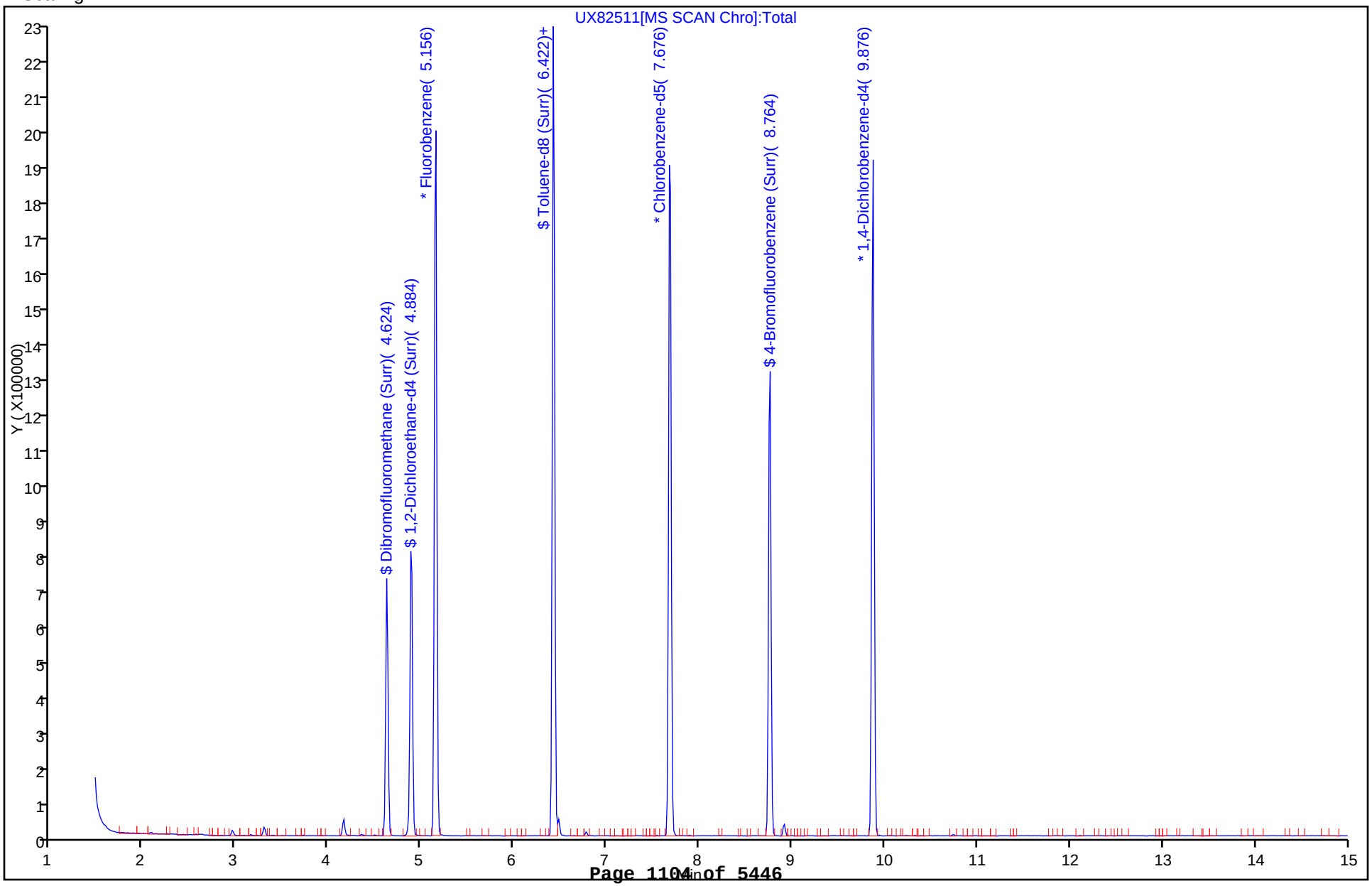
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 19-Dec-2012 02:39:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82511.D		
Injection Date:	15-Dec-2012 23:50:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	20
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



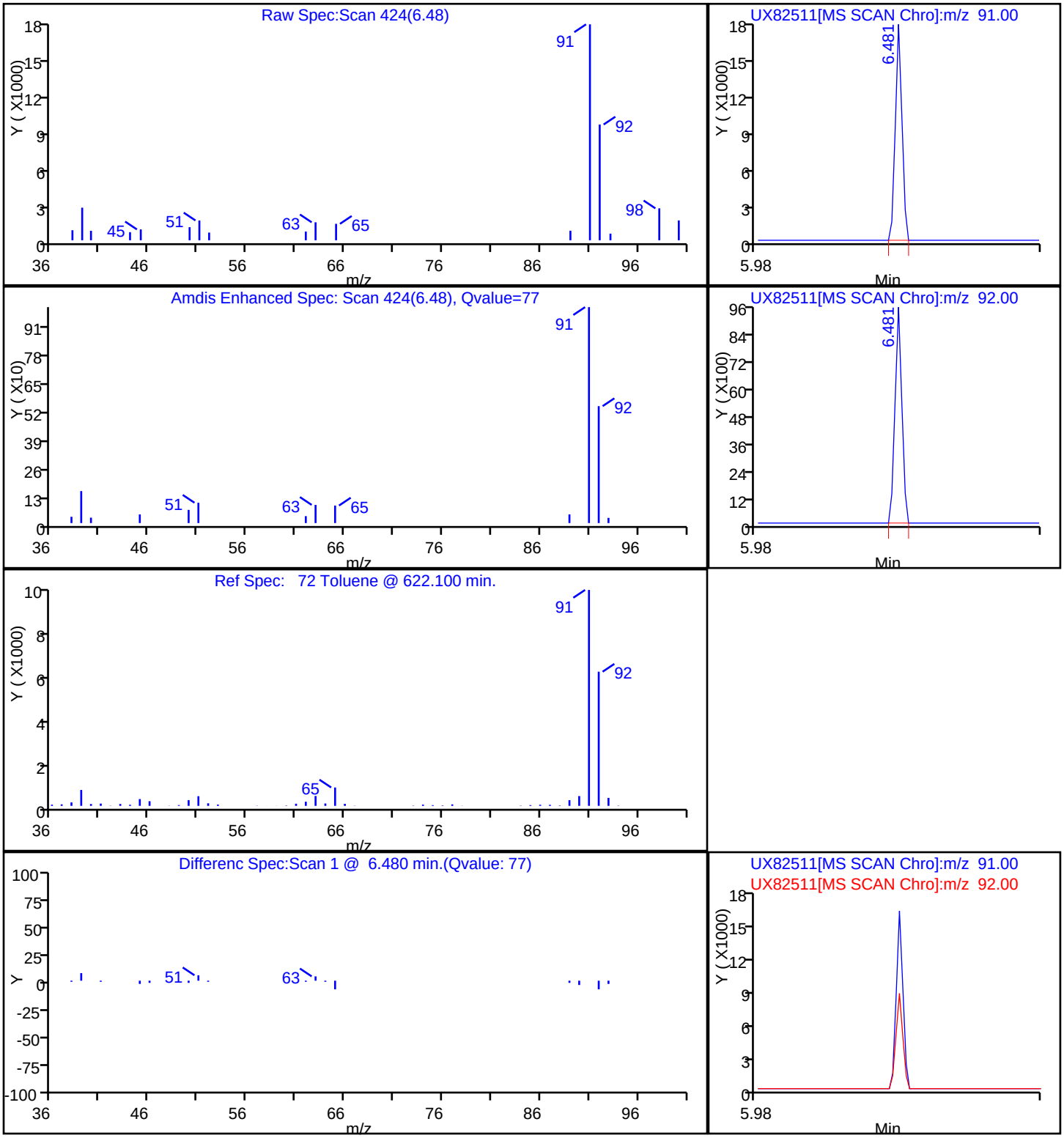
Report Date: 19-Dec-2012 02:39:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82511.D

Injection Date:	15-Dec-2012 23:50:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	20
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0107M-0001-SO | Lab Sample ID: 240-18544-26

Matrix: Solid | Lab File ID: UX82512.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 16:25

Sample wt/vol: 5.194(g) | Date Analyzed: 12/16/2012 00:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.0 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	6.5	U	21	6.5	6.5
71-43-2	Benzene	0.52	U	5.2	0.52	0.24
74-97-5	Bromochloromethane	1.0	U	5.2	1.0	0.73
75-27-4	Bromodichloromethane	0.52	U	5.2	0.52	0.29
75-25-2	Bromoform	0.52	U	5.2	0.52	0.34
74-83-9	Bromomethane	1.0	U	5.2	1.0	0.56
78-93-3	2-Butanone (MEK)	2.1	U	21	2.1	1.4
75-15-0	Carbon disulfide	0.52	U	5.2	0.52	0.46
56-23-5	Carbon tetrachloride	0.52	U	5.2	0.52	0.38
108-90-7	Chlorobenzene	0.52	U	5.2	0.52	0.34
75-00-3	Chloroethane	1.0	U	5.2	1.0	0.89
67-66-3	Chloroform	0.52	U	5.2	0.52	0.30
74-87-3	Chloromethane	0.52	U	5.2	0.52	0.42
10061-01-5	cis-1,3-Dichloropropene	0.52	U	5.2	0.52	0.35
124-48-1	Dibromochloromethane	1.0	U	5.2	1.0	0.57
106-93-4	1,2-Dibromoethane	1.0	U	5.2	1.0	0.52
75-34-3	1,1-Dichloroethane	0.52	U	5.2	0.52	0.37
107-06-2	1,2-Dichloroethane	0.52	U	5.2	0.52	0.35
75-35-4	1,1-Dichloroethene	1.0	U	5.2	1.0	0.54
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.80
78-87-5	1,2-Dichloropropane	1.0	U	5.2	1.0	0.71
100-41-4	Ethylbenzene	0.52	U	5.2	0.52	0.27
591-78-6	2-Hexanone	1.0	U	21	1.0	0.65
75-09-2	Methylene Chloride	1.0	U	5.2	1.0	0.69
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	21	1.0	0.56
100-42-5	Styrene	0.52	U	5.2	0.52	0.16
79-34-5	1,1,2,2-Tetrachloroethane	0.52	U	5.2	0.52	0.35
127-18-4	Tetrachloroethene	1.0	U	5.2	1.0	0.54
108-88-3	Toluene	1.0	J	5.2	0.52	0.28
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.2	1.0	0.56
71-55-6	1,1,1-Trichloroethane	1.0	U	5.2	1.0	0.58
79-00-5	1,1,2-Trichloroethane	0.52	U	5.2	0.52	0.40
79-01-6	Trichloroethene	0.52	U	5.2	0.52	0.43
75-01-4	Vinyl chloride	0.52	U	5.2	0.52	0.40
1330-20-7	Xylenes, Total	1.6	U	10	1.6	0.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0107M-0001-SO Lab Sample ID: 240-18544-26

Matrix: Solid Lab File ID: UX82512.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 16:25

Sample wt/vol: 5.194(g) Date Analyzed: 12/16/2012 00:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.0 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	89		85-120
1868-53-7	Dibromofluoromethane (Surr)	94		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		61-130
2037-26-5	Toluene-d8 (Surr)	96		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82512.D
Lims ID: 240-18544-B-26-A Client ID: 076SB-0107M-0001-SO
Inject. Date: 16-Dec-2012 00:11:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-021
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 20
Lims Batch ID: 68879 Lims Sample ID: 21
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 16-Dec-2012 23:52:09

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.154	5.147	0.007	99	1580931	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.678	0.008	90	1100251	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.874	9.878	-0.004	98	502457	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.622	4.624	-0.002	59	373267	46.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.882	4.884	-0.002	92	465423	46.8	
$ 7 Toluene-d8 (Surr)	98	6.420	6.421	-0.001	95	1333496	48.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.762	8.763	-0.001	93	432370	44.5	
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
21 1,1-Dichloroethene	96		2.932					
22 Acetone	43	2.954	2.956	-0.002	89	24572	0.5903	
26 Carbon disulfide	76		3.109					
30 Methylene Chloride	84	3.297	3.299	-0.002	83	13927	0.2128	
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43		4.269					9
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
53 Carbon tetrachloride	117		4.801					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					
60 Trichloroethene	130		5.440					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.830					
70 cis-1,3-Dichloropropene	75		6.185					

	Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71	4-Methyl-2-pentanone (MIBK)	43		6.303					
72	Toluene	91	6.479	6.481	-0.002	76	27346	1.00	
73	trans-1,3-Dichloropropene	75		6.646					
75	1,1,2-Trichloroethane	97		6.800					
77	Tetrachloroethene	164		6.966					
78	2-Hexanone	43		7.001					
79	Chlorodibromomethane	129		7.155					
123	Ethylene Dibromide	107		7.273					
82	Chlorobenzene	112		7.711					
84	Ethylbenzene	106		7.794					
10	m-Xylene & p-Xylene	106		7.900					9
85	o-Xylene	106		8.267					
86	Styrene	104		8.279					
87	Bromoform	173		8.456					
90	1,1,2,2-Tetrachloroethane	83		8.870					
S 11	1,2-Dichloroethene, Total	96		1.140					
S 114	Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

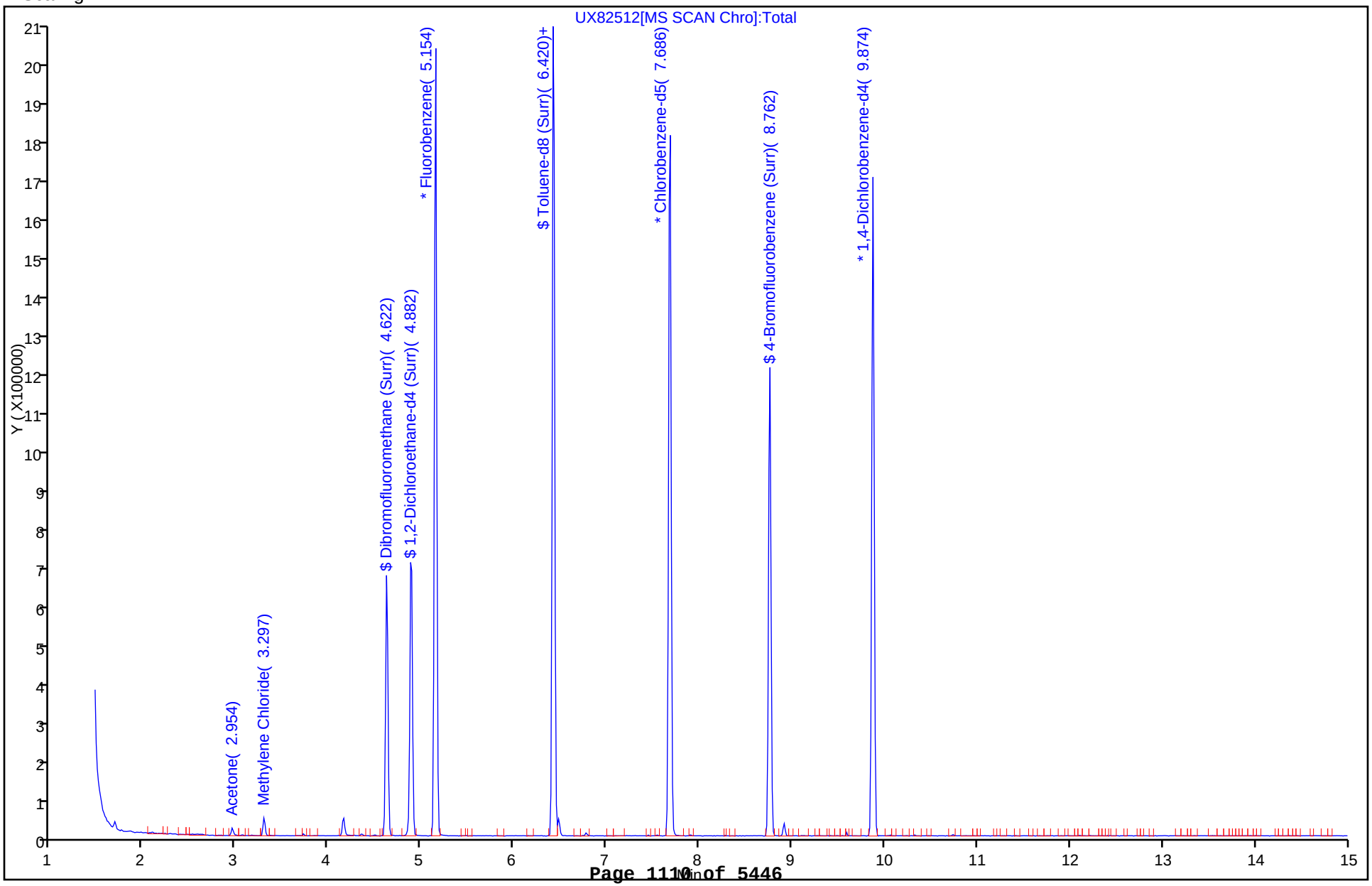
Report Date: 19-Dec-2012 02:39:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82512.D

Injection Date:	16-Dec-2012 00:11:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0107M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	21
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



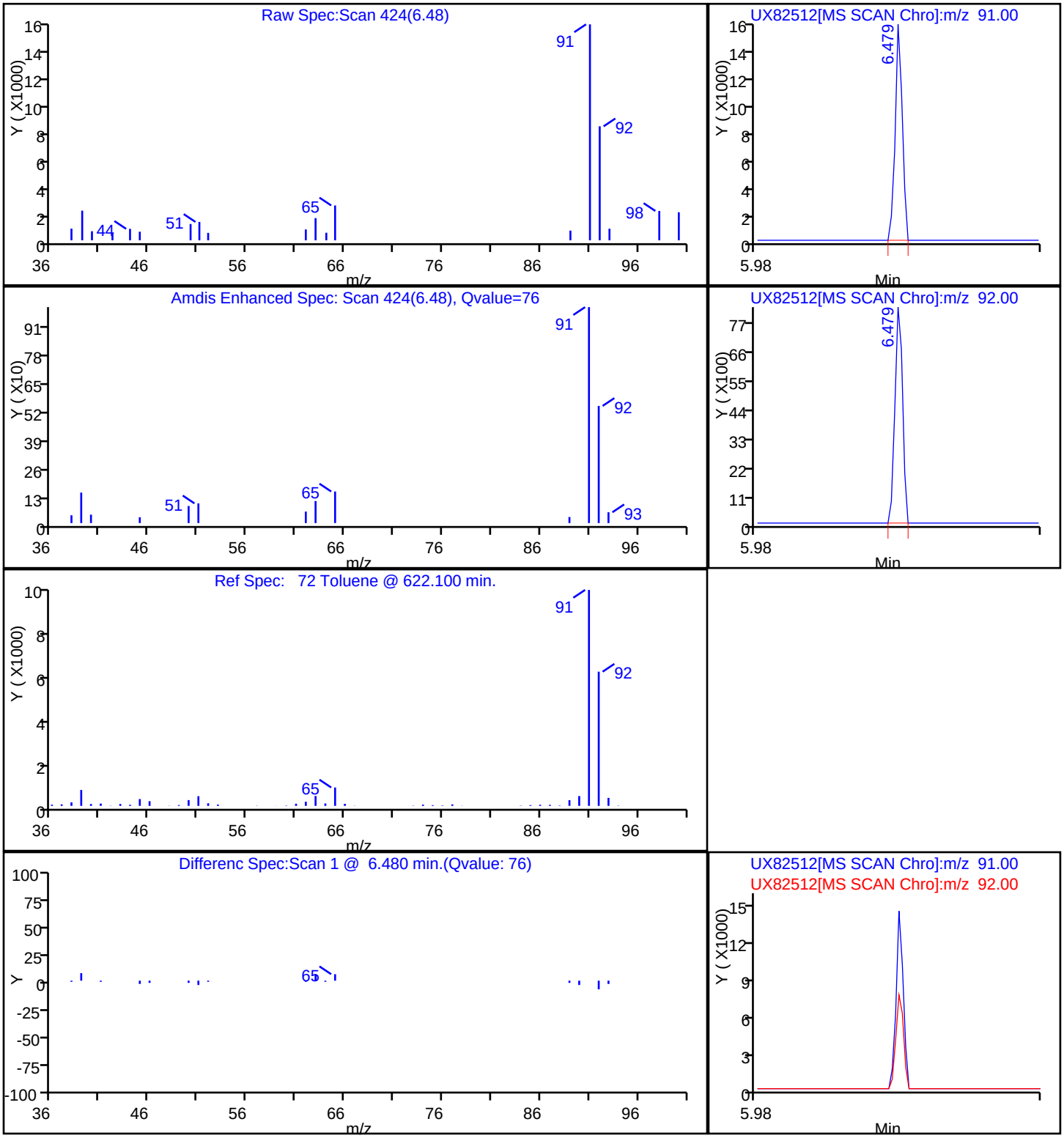
Report Date: 19-Dec-2012 02:39:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82512.D

Injection Date:	16-Dec-2012 00:11:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0107M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	21
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0108M-0001-SO | Lab Sample ID: 240-18544-27

Matrix: Solid | Lab File ID: UX82513.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 15:50

Sample wt/vol: 6.212(g) | Date Analyzed: 12/16/2012 00:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.5 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	5.6	U	18	5.6	5.6
71-43-2	Benzene	0.44	U	4.4	0.44	0.20
74-97-5	Bromochloromethane	0.89	U	4.4	0.89	0.63
75-27-4	Bromodichloromethane	0.44	U	4.4	0.44	0.25
75-25-2	Bromoform	0.44	U	4.4	0.44	0.29
74-83-9	Bromomethane	0.89	U	4.4	0.89	0.48
78-93-3	2-Butanone (MEK)	1.8	U	18	1.8	1.2
75-15-0	Carbon disulfide	0.44	U	4.4	0.44	0.39
56-23-5	Carbon tetrachloride	0.44	U	4.4	0.44	0.33
108-90-7	Chlorobenzene	0.44	U	4.4	0.44	0.29
75-00-3	Chloroethane	0.89	U	4.4	0.89	0.76
67-66-3	Chloroform	0.44	U	4.4	0.44	0.26
74-87-3	Chloromethane	0.44	U	4.4	0.44	0.36
10061-01-5	cis-1,3-Dichloropropene	0.44	U	4.4	0.44	0.30
124-48-1	Dibromochloromethane	0.89	U	4.4	0.89	0.49
106-93-4	1,2-Dibromoethane	0.89	U	4.4	0.89	0.44
75-34-3	1,1-Dichloroethane	0.44	U	4.4	0.44	0.32
107-06-2	1,2-Dichloroethane	0.44	U	4.4	0.44	0.30
75-35-4	1,1-Dichloroethene	0.89	U	4.4	0.89	0.46
540-59-0	1,2-Dichloroethene, Total	0.89	U	8.9	0.89	0.68
78-87-5	1,2-Dichloropropane	0.89	U	4.4	0.89	0.61
100-41-4	Ethylbenzene	0.44	U	4.4	0.44	0.23
591-78-6	2-Hexanone	0.89	U	18	0.89	0.56
75-09-2	Methylene Chloride	0.89	U	4.4	0.89	0.60
108-10-1	4-Methyl-2-pentanone (MIBK)	0.89	U	18	0.89	0.48
100-42-5	Styrene	0.44	U	4.4	0.44	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.44	U	4.4	0.44	0.30
127-18-4	Tetrachloroethene	0.89	U	4.4	0.89	0.46
108-88-3	Toluene	1.3	J	4.4	0.44	0.24
10061-02-6	trans-1,3-Dichloropropene	0.89	U	4.4	0.89	0.48
71-55-6	1,1,1-Trichloroethane	0.89	U	4.4	0.89	0.50
79-00-5	1,1,2-Trichloroethane	0.44	U	4.4	0.44	0.35
79-01-6	Trichloroethene	0.44	U	4.4	0.44	0.37
75-01-4	Vinyl chloride	0.44	U	4.4	0.44	0.35
1330-20-7	Xylenes, Total	1.3	U	8.9	1.3	0.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0108M-0001-SO Lab Sample ID: 240-18544-27

Matrix: Solid Lab File ID: UX82513.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 15:50

Sample wt/vol: 6.212(g) Date Analyzed: 12/16/2012 00:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.5 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	92		85-120
1868-53-7	Dibromofluoromethane (Surr)	97		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		61-130
2037-26-5	Toluene-d8 (Surr)	97		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82513.D
Lims ID: 240-18544-B-27-A Client ID: 076SB-0108M-0001-SO
Inject. Date: 16-Dec-2012 00:33:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-022
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 21
Lims Batch ID: 68879 Lims Sample ID: 22
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 16-Dec-2012 23:52:47

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.147	0.008	99	1557159	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	90	1095145	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	98	518608	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.624	-0.001	59	379097	48.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.884	-0.001	92	495385	51.5	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1339287	48.7	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	93	442237	46.1	
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
21 1,1-Dichloroethene	96		2.932					
22 Acetone	43		2.956					
26 Carbon disulfide	76		3.109					
30 Methylene Chloride	84		3.299					
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43		4.269					9
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
53 Carbon tetrachloride	117		4.801					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					
60 Trichloroethene	130		5.440					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.830					
70 cis-1,3-Dichloropropene	75		6.185					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.303					
72 Toluene	91	6.480	6.481	-0.001	78	38555	1.42	
73 trans-1,3-Dichloropropene	75		6.646					
75 1,1,2-Trichloroethane	97		6.800					
77 Tetrachloroethene	164		6.966					
78 2-Hexanone	43		7.001					
79 Chlorodibromomethane	129		7.155					
123 Ethylene Dibromide	107		7.273					
82 Chlorobenzene	112		7.711					
84 Ethylbenzene	106		7.794					
10 m-Xylene & p-Xylene	106		7.900					
85 o-Xylene	106		8.267					
86 Styrene	104		8.279					
87 Bromoform	173		8.456					
90 1,1,2,2-Tetrachloroethane	83		8.870					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

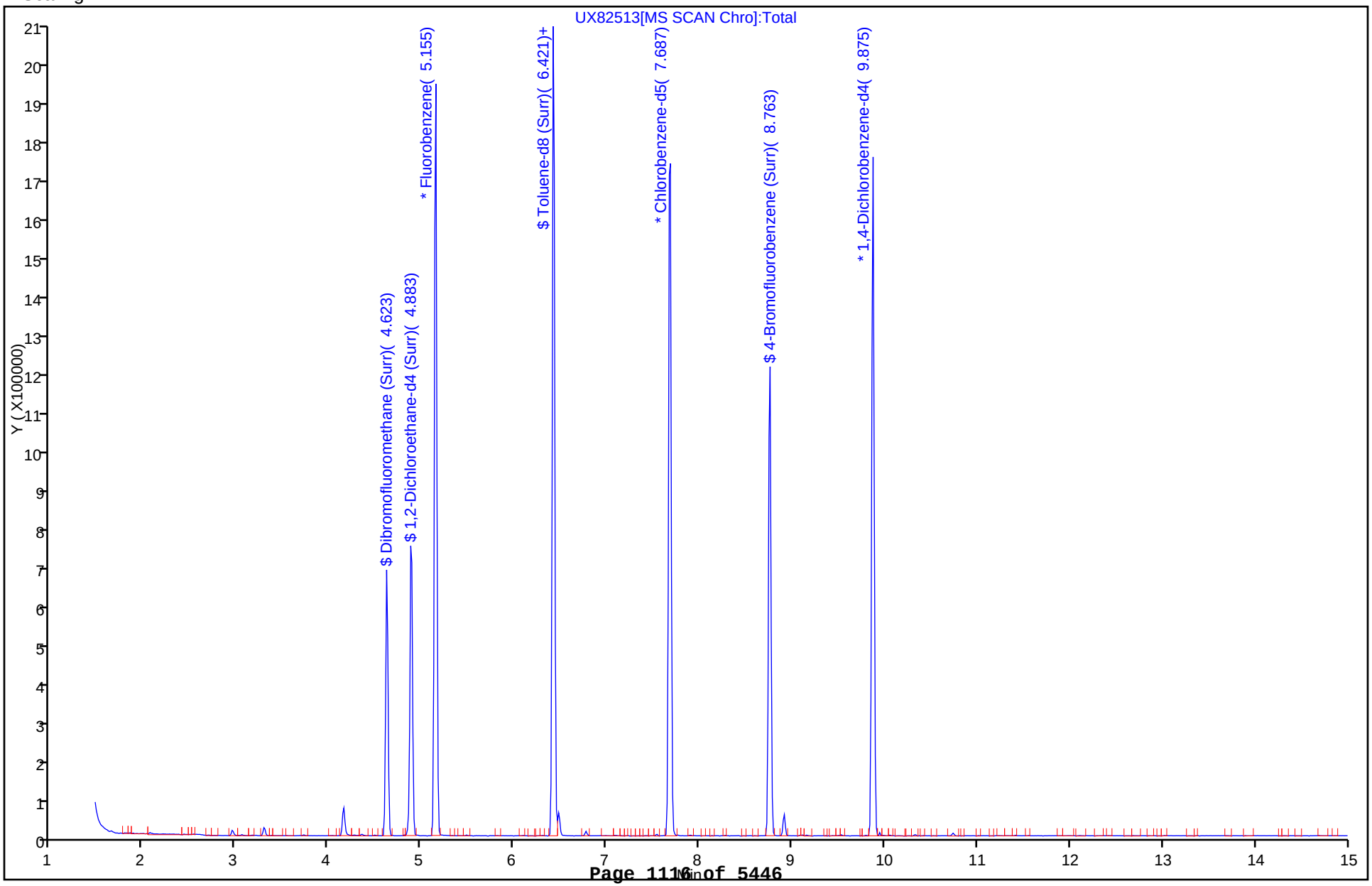
Report Date: 19-Dec-2012 02:39:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82513.D

Injection Date:	16-Dec-2012 00:33:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0108M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	22
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



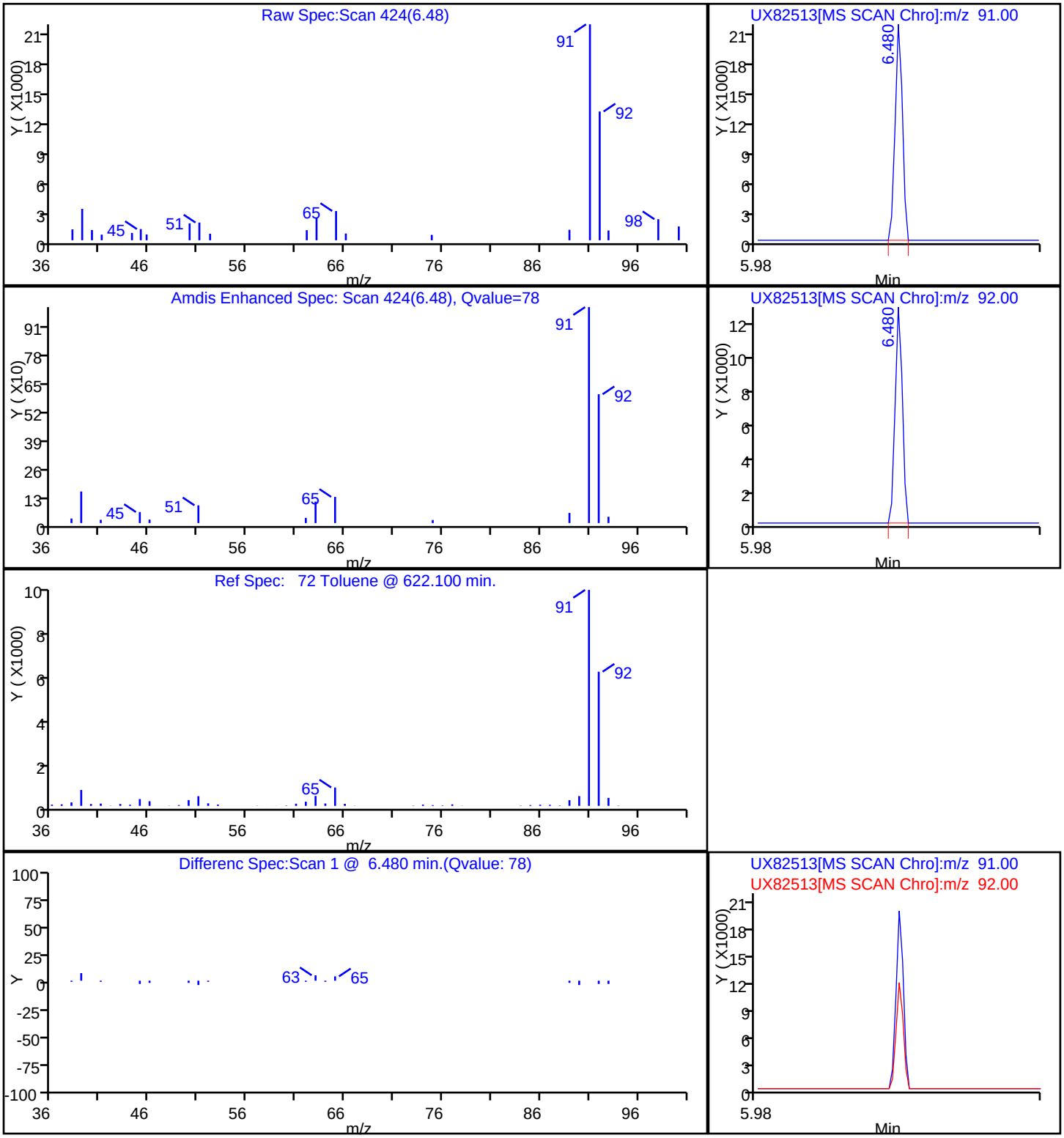
Report Date: 19-Dec-2012 02:39:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82513.D

Injection Date:	16-Dec-2012 00:33:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0108M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	22
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0109M-0001-SO | Lab Sample ID: 240-18544-28

Matrix: Solid | Lab File ID: UX82514.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 16:05

Sample wt/vol: 7.429(g) | Date Analyzed: 12/16/2012 00:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.0 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	5.0	U	16	5.0	5.0
71-43-2	Benzene	0.40	U	4.0	0.40	0.18
74-97-5	Bromochloromethane	0.79	U	4.0	0.79	0.56
75-27-4	Bromodichloromethane	0.40	U	4.0	0.40	0.22
75-25-2	Bromoform	0.40	U	4.0	0.40	0.26
74-83-9	Bromomethane	0.79	U	4.0	0.79	0.43
78-93-3	2-Butanone (MEK)	1.6	U	16	1.6	1.1
75-15-0	Carbon disulfide	0.40	U	4.0	0.40	0.35
56-23-5	Carbon tetrachloride	0.40	U	4.0	0.40	0.29
108-90-7	Chlorobenzene	0.40	U	4.0	0.40	0.26
75-00-3	Chloroethane	0.79	U	4.0	0.79	0.68
67-66-3	Chloroform	0.40	U	4.0	0.40	0.23
74-87-3	Chloromethane	0.40	U	4.0	0.40	0.32
10061-01-5	cis-1,3-Dichloropropene	0.40	U	4.0	0.40	0.27
124-48-1	Dibromochloromethane	0.79	U	4.0	0.79	0.44
106-93-4	1,2-Dibromoethane	0.79	U	4.0	0.79	0.40
75-34-3	1,1-Dichloroethane	0.40	U	4.0	0.40	0.29
107-06-2	1,2-Dichloroethane	0.40	U	4.0	0.40	0.27
75-35-4	1,1-Dichloroethene	0.79	U	4.0	0.79	0.41
540-59-0	1,2-Dichloroethene, Total	0.79	U	7.9	0.79	0.61
78-87-5	1,2-Dichloropropane	0.79	U	4.0	0.79	0.55
100-41-4	Ethylbenzene	0.40	U	4.0	0.40	0.21
591-78-6	2-Hexanone	0.79	U	16	0.79	0.50
75-09-2	Methylene Chloride	0.79	U	4.0	0.79	0.53
108-10-1	4-Methyl-2-pentanone (MIBK)	0.79	U	16	0.79	0.43
100-42-5	Styrene	0.40	U	4.0	0.40	0.12
79-34-5	1,1,2,2-Tetrachloroethane	0.40	U	4.0	0.40	0.27
127-18-4	Tetrachloroethene	0.79	U	4.0	0.79	0.41
108-88-3	Toluene	1.0	J	4.0	0.40	0.21
10061-02-6	trans-1,3-Dichloropropene	0.79	U	4.0	0.79	0.43
71-55-6	1,1,1-Trichloroethane	0.79	U	4.0	0.79	0.44
79-00-5	1,1,2-Trichloroethane	0.40	U	4.0	0.40	0.31
79-01-6	Trichloroethene	0.40	U	4.0	0.40	0.33
75-01-4	Vinyl chloride	0.40	U	4.0	0.40	0.31
1330-20-7	Xylenes, Total	1.2	U	7.9	1.2	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0109M-0001-SO Lab Sample ID: 240-18544-28

Matrix: Solid Lab File ID: UX82514.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 16:05

Sample wt/vol: 7.429(g) Date Analyzed: 12/16/2012 00:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.0 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	89		85-120
1868-53-7	Dibromofluoromethane (Surr)	94		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		61-130
2037-26-5	Toluene-d8 (Surr)	92		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82514.D
Lims ID: 240-18544-B-28-A Client ID: 076SB-0109M-0001-SO
Inject. Date: 16-Dec-2012 00:54:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-023
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 22
Lims Batch ID: 68879 Lims Sample ID: 23
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 16-Dec-2012 23:54:06

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.147	0.008	99	1585313	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.678	0.008	90	1123151	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.874	9.878	-0.004	98	531339	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.622	4.624	-0.002	58	374857	46.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.882	4.884	-0.002	92	504099	51.5	
$ 7 Toluene-d8 (Surr)	98	6.420	6.421	-0.001	95	1316346	46.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.762	8.763	-0.001	94	442081	44.6	
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
21 1,1-Dichloroethene	96		2.932					
22 Acetone	43		2.956					
26 Carbon disulfide	76		3.109					
30 Methylene Chloride	84		3.299					
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43		4.269					9
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
53 Carbon tetrachloride	117		4.801					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					
60 Trichloroethene	130		5.440					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.830					
70 cis-1,3-Dichloropropene	75		6.185					

	Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71	4-Methyl-2-pentanone (MIBK)	43		6.303					9
72	Toluene	91	6.479	6.481	-0.002	86	36038	1.30	
73	trans-1,3-Dichloropropene	75		6.646					
75	1,1,2-Trichloroethane	97		6.800					
77	Tetrachloroethene	164		6.966					
78	2-Hexanone	43		7.001					
79	Chlorodibromomethane	129		7.155					
123	Ethylene Dibromide	107		7.273					
82	Chlorobenzene	112		7.711					
84	Ethylbenzene	106		7.794					
10	m-Xylene & p-Xylene	106		7.900					
85	o-Xylene	106		8.267					
86	Styrene	104		8.279					
87	Bromoform	173		8.456					
90	1,1,2,2-Tetrachloroethane	83		8.870					
S 11	1,2-Dichloroethene, Total	96		1.140					
S 114	Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

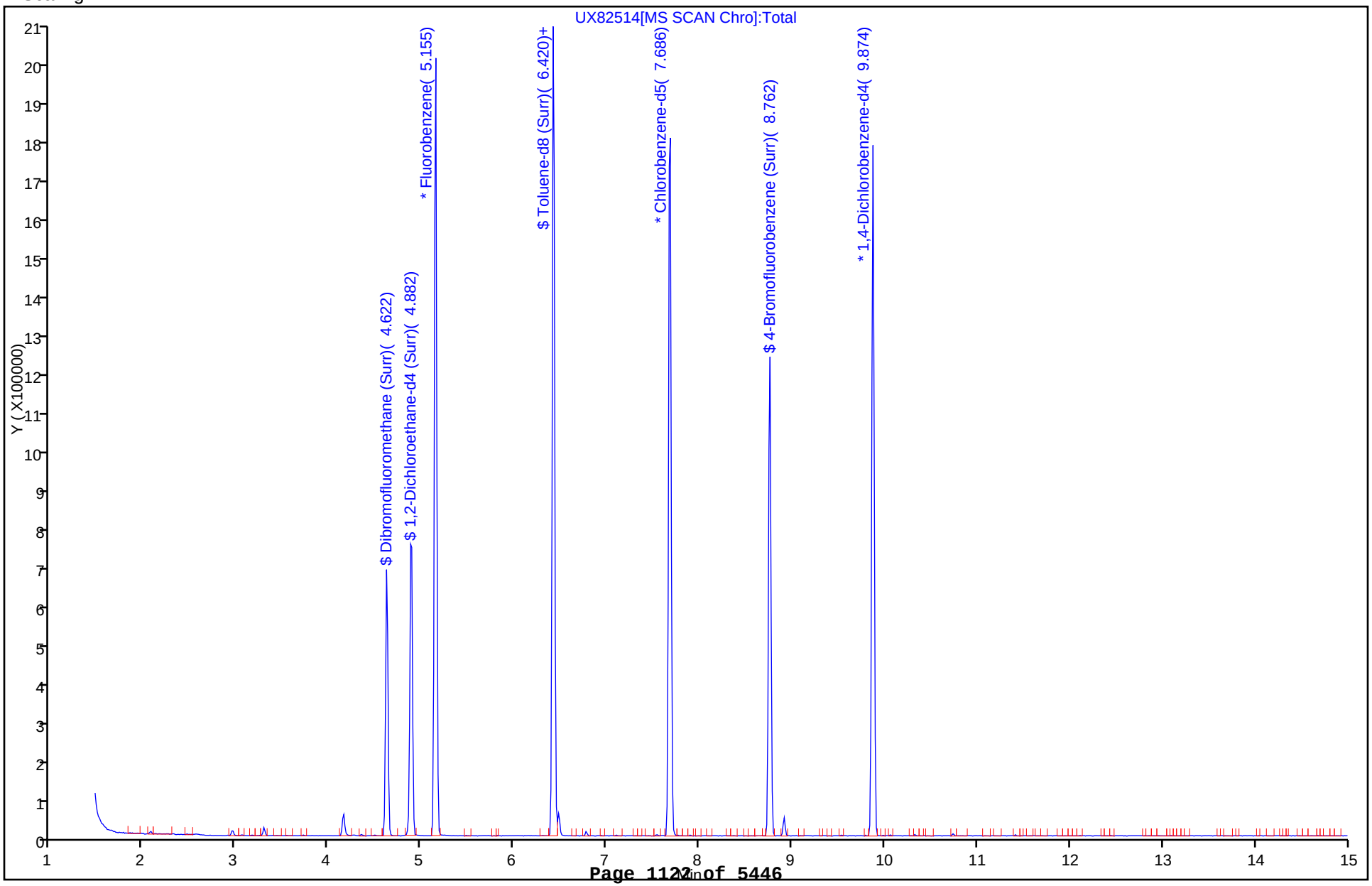
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82514.D

Injection Date:	16-Dec-2012 00:54:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0109M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	23
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



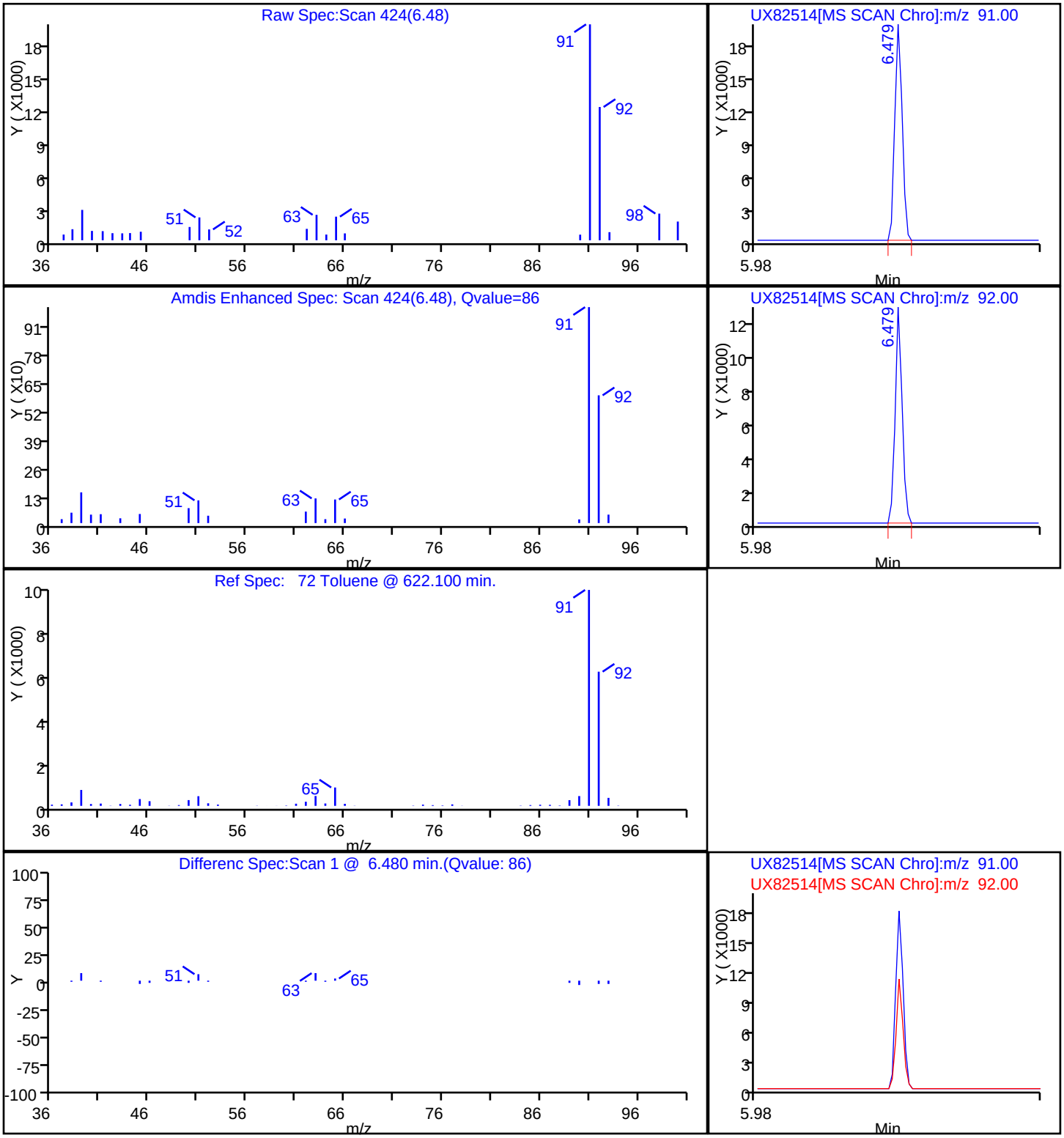
Report Date: 19-Dec-2012 02:39:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82514.D

Injection Date:	16-Dec-2012 00:54:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0109M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	23
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0110M-0001-SO | Lab Sample ID: 240-18544-29

Matrix: Solid | Lab File ID: UX82515.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 17:04

Sample wt/vol: 5.808(g) | Date Analyzed: 12/16/2012 01:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	30		20	6.3	6.3
71-43-2	Benzene	0.50	U	5.0	0.50	0.23
74-97-5	Bromochloromethane	1.0	U	5.0	1.0	0.71
75-27-4	Bromodichloromethane	0.50	U	5.0	0.50	0.28
75-25-2	Bromoform	0.50	U	5.0	0.50	0.33
74-83-9	Bromomethane	1.0	U	5.0	1.0	0.54
78-93-3	2-Butanone (MEK)	4.2	J	20	2.0	1.4
75-15-0	Carbon disulfide	0.50	U	5.0	0.50	0.44
56-23-5	Carbon tetrachloride	0.50	U	5.0	0.50	0.37
108-90-7	Chlorobenzene	0.50	U	5.0	0.50	0.33
75-00-3	Chloroethane	1.0	U	5.0	1.0	0.87
67-66-3	Chloroform	0.50	U	5.0	0.50	0.29
74-87-3	Chloromethane	0.50	U	5.0	0.50	0.41
10061-01-5	cis-1,3-Dichloropropene	0.50	U	5.0	0.50	0.34
124-48-1	Dibromochloromethane	1.0	U	5.0	1.0	0.55
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	0.50
75-34-3	1,1-Dichloroethane	0.50	U	5.0	0.50	0.36
107-06-2	1,2-Dichloroethane	0.50	U	5.0	0.50	0.34
75-35-4	1,1-Dichloroethene	1.0	U	5.0	1.0	0.52
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.78
78-87-5	1,2-Dichloropropane	1.0	U	5.0	1.0	0.69
100-41-4	Ethylbenzene	0.50	U	5.0	0.50	0.26
591-78-6	2-Hexanone	1.0	U	20	1.0	0.63
75-09-2	Methylene Chloride	1.0	U	5.0	1.0	0.67
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	20	1.0	0.54
100-42-5	Styrene	0.50	U	5.0	0.50	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	0.34
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	0.52
108-88-3	Toluene	1.2	J	5.0	0.50	0.27
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.0	1.0	0.54
71-55-6	1,1,1-Trichloroethane	1.0	U	5.0	1.0	0.56
79-00-5	1,1,2-Trichloroethane	0.50	U	5.0	0.50	0.39
79-01-6	Trichloroethene	0.50	U	5.0	0.50	0.42
75-01-4	Vinyl chloride	0.50	U	5.0	0.50	0.39
1330-20-7	Xylenes, Total	1.5	U	10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0110M-0001-SO Lab Sample ID: 240-18544-29

Matrix: Solid Lab File ID: UX82515.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 17:04

Sample wt/vol: 5.808(g) Date Analyzed: 12/16/2012 01:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	90		85-120
1868-53-7	Dibromofluoromethane (Surr)	92		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		61-130
2037-26-5	Toluene-d8 (Surr)	91		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82515.D
Lims ID: 240-18544-B-29-A Client ID: 076SB-0110M-0001-SO
Inject. Date: 16-Dec-2012 01:15:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-024
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 23
Lims Batch ID: 68879 Lims Sample ID: 24
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 16-Dec-2012 23:55:00

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.147	0.008	99	1560732	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.678	0.008	90	1150303	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	98	560482	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.624	-0.001	58	362995	46.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.884	-0.001	92	484537	50.0	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1326811	45.4	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	93	455739	45.0	
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
21 1,1-Dichloroethene	96		2.932					
22 Acetone	43	2.955	2.956	-0.001	96	134898	30.3	
26 Carbon disulfide	76	3.109	3.109	0.0	63	1526	0.1035	
30 Methylene Chloride	84		3.299					
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43	4.268	4.269	-0.001	83	25570	4.16	
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
53 Carbon tetrachloride	117		4.801					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					
60 Trichloroethene	130		5.440					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.830					
70 cis-1,3-Dichloropropene	75		6.185					

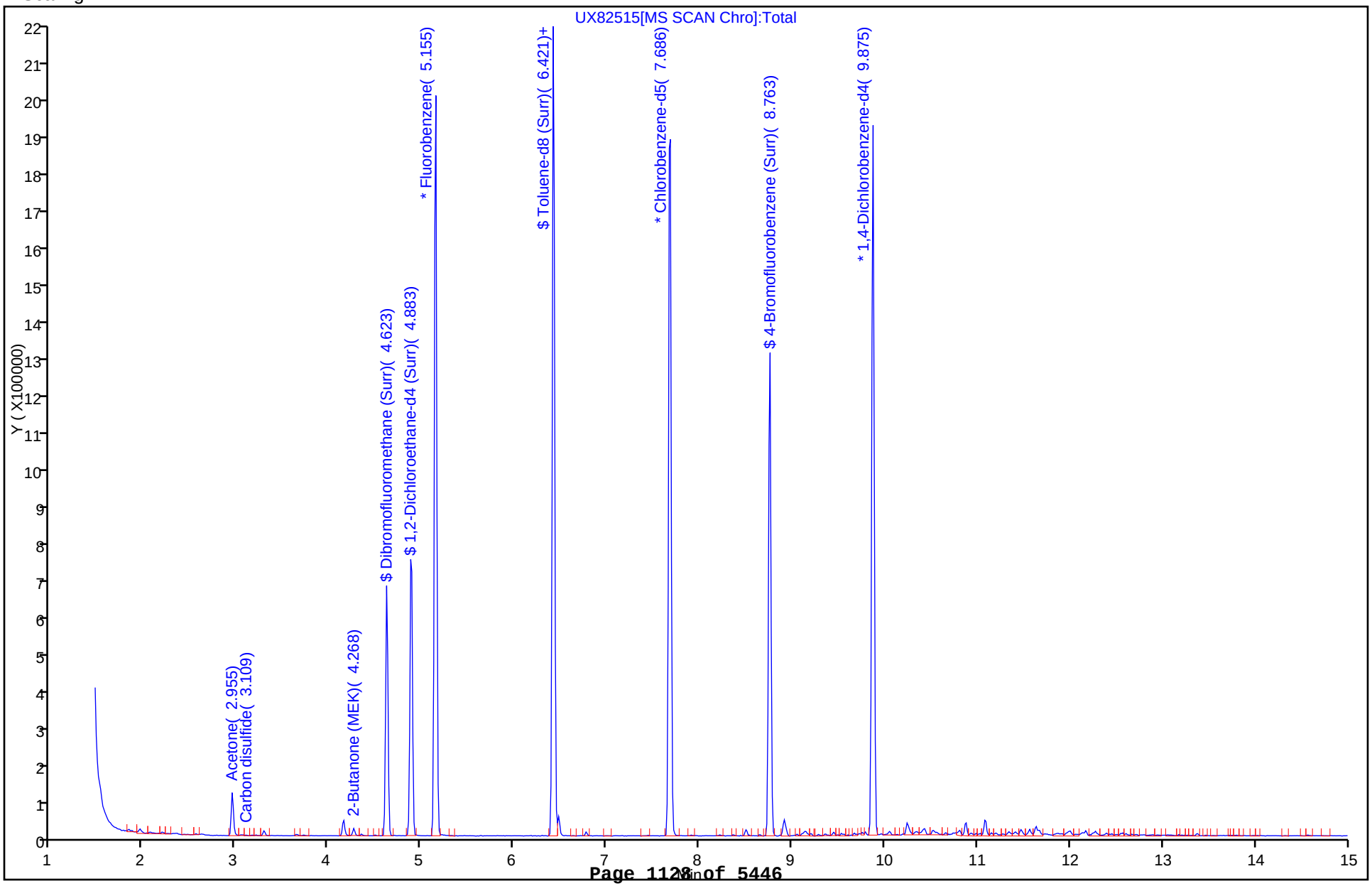
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.303					
72 Toluene	91	6.480	6.481	-0.001	80	33706	1.18	
73 trans-1,3-Dichloropropene	75		6.646					
75 1,1,2-Trichloroethane	97		6.800					
77 Tetrachloroethene	164		6.966					
78 2-Hexanone	43		7.001					
79 Chlorodibromomethane	129		7.155					
123 Ethylene Dibromide	107		7.273					
82 Chlorobenzene	112		7.711					
84 Ethylbenzene	106		7.794					
10 m-Xylene & p-Xylene	106		7.900					
85 o-Xylene	106		8.267					
86 Styrene	104		8.279					
87 Bromoform	173		8.456					
90 1,1,2,2-Tetrachloroethane	83		8.870					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

Report Date: 19-Dec-2012 02:39:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82515.D		
Injection Date:	16-Dec-2012 01:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	24
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



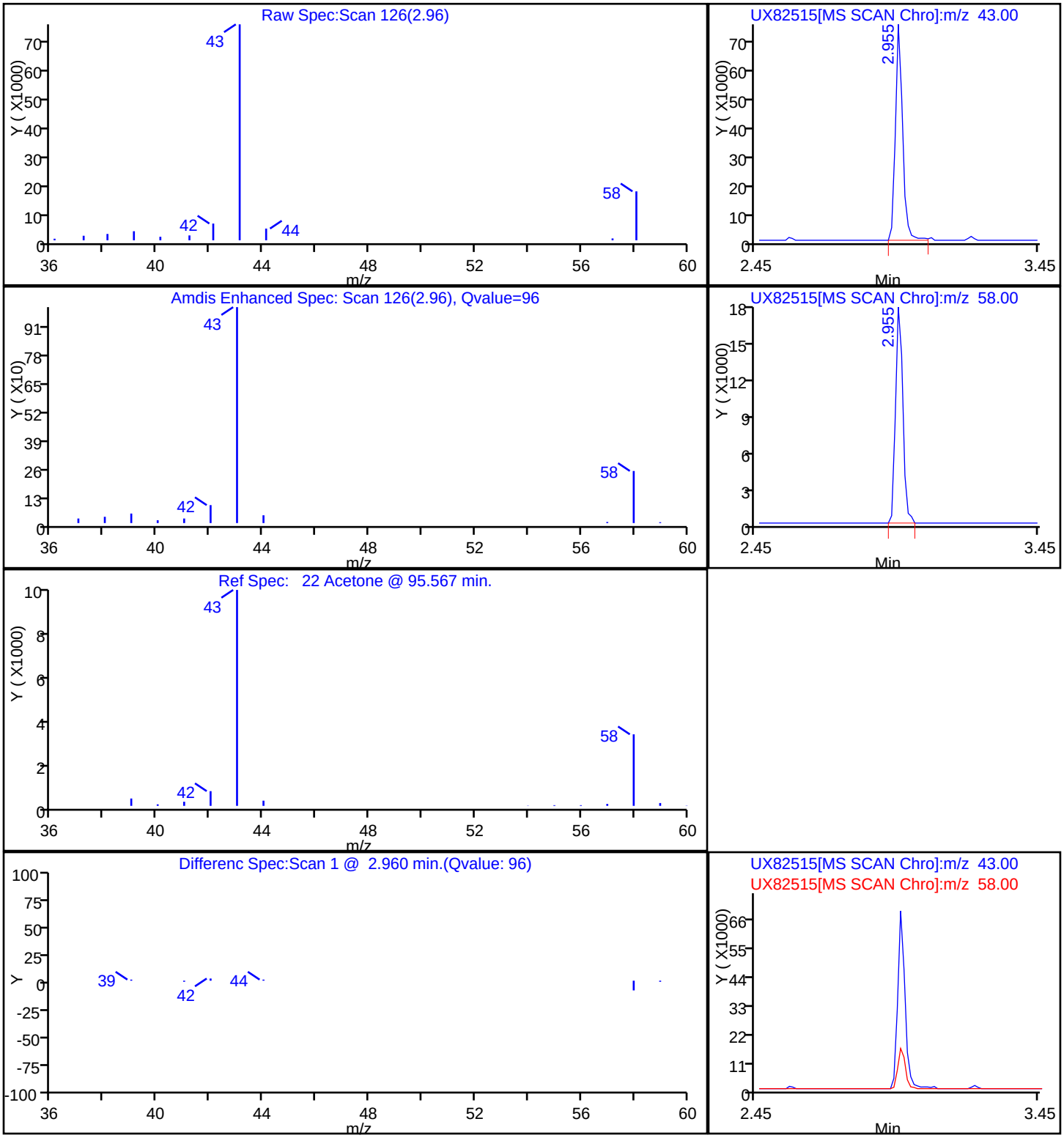
Report Date: 19-Dec-2012 02:39:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82515.D

Injection Date:	16-Dec-2012 01:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	24
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



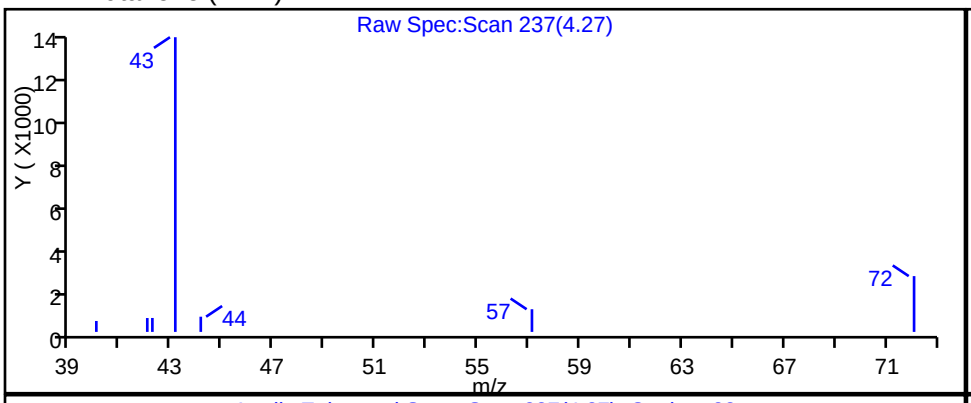
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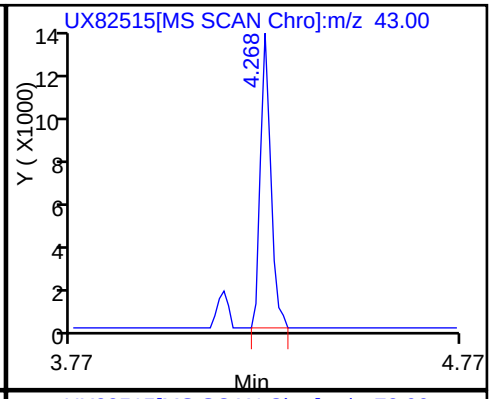
TestAmerica Canton

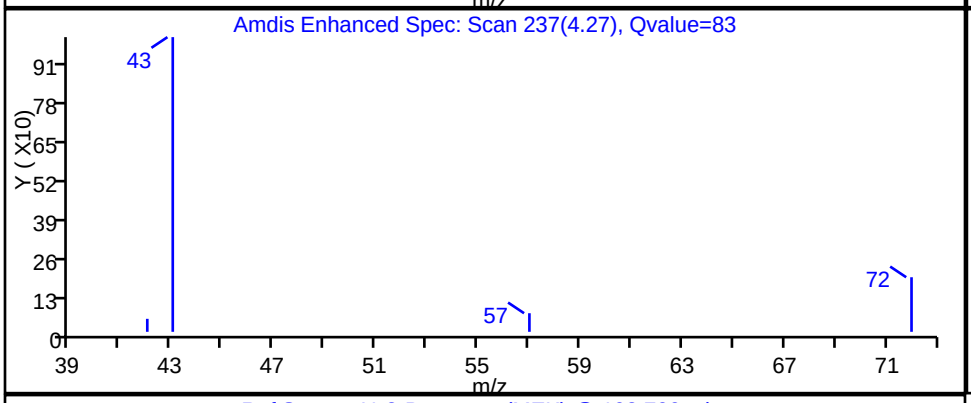
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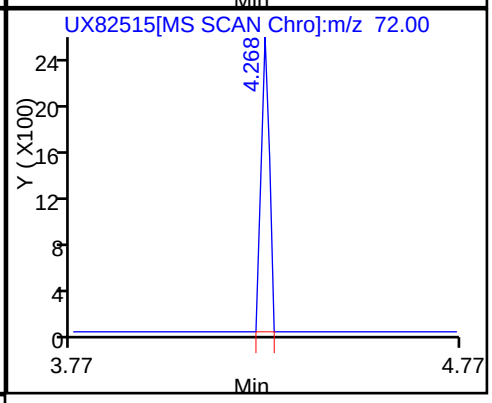
Injection Date:	16-Dec-2012 01:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	24
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

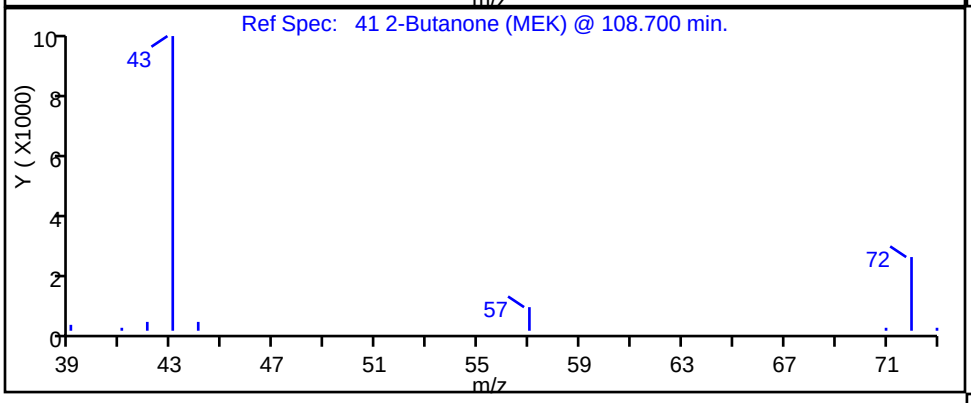
41 2-Butanone (MEK)

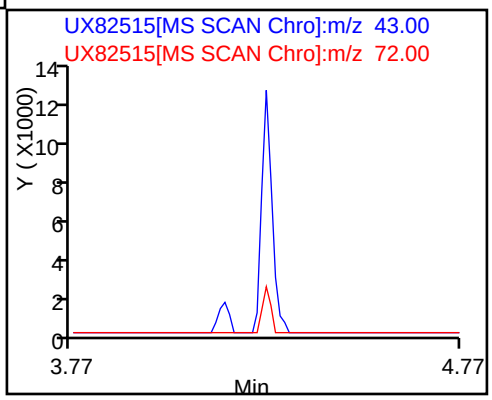












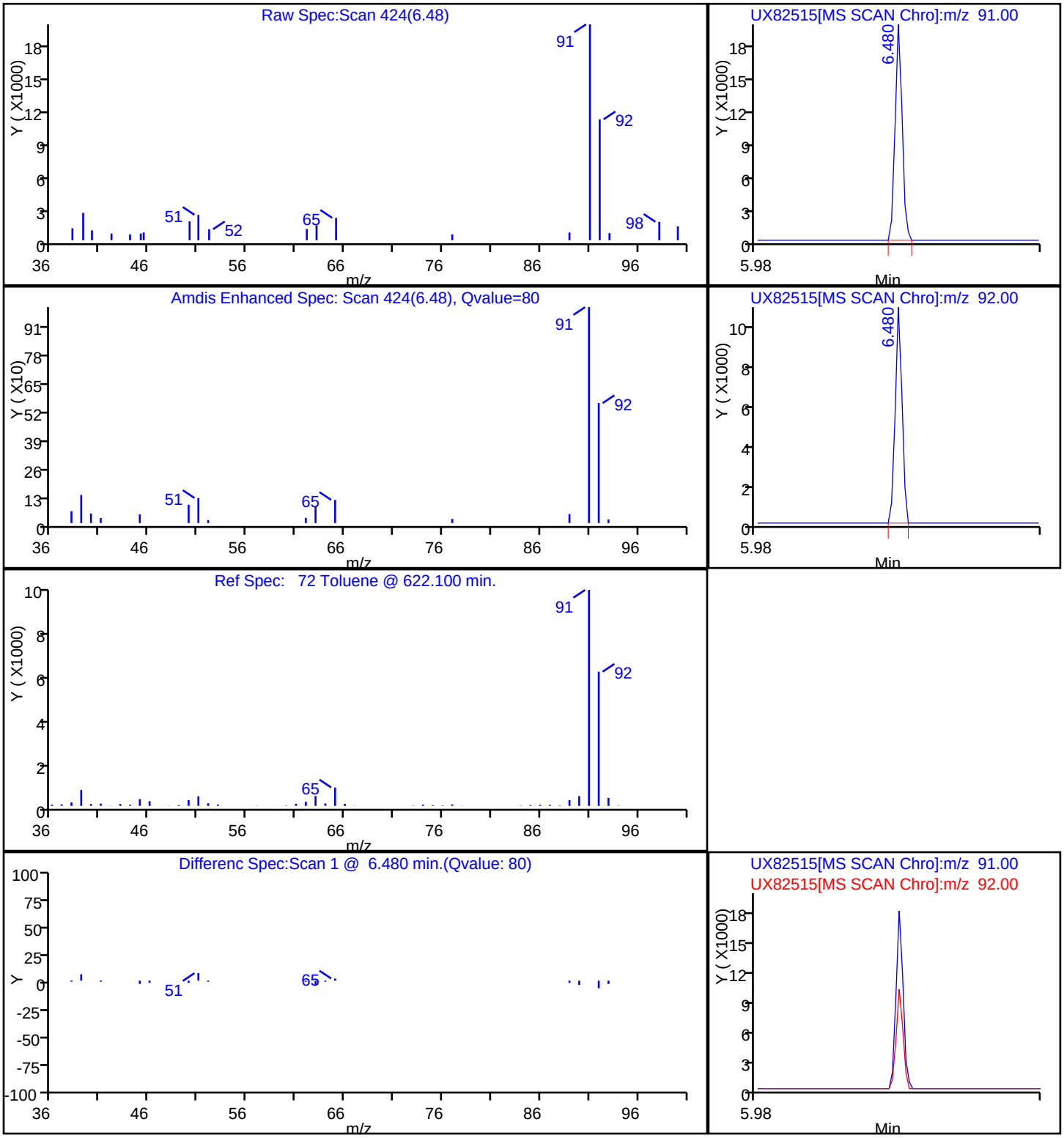
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82515.D

Injection Date:	16-Dec-2012 01:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	24
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0111M-0001-SO | Lab Sample ID: 240-18544-30

Matrix: Solid | Lab File ID: UX82516.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 17:04

Sample wt/vol: 6.275(g) | Date Analyzed: 12/16/2012 01:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.7 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	30		19	5.9	5.9
71-43-2	Benzene	0.47	U	4.7	0.47	0.21
74-97-5	Bromochloromethane	0.93	U	4.7	0.93	0.66
75-27-4	Bromodichloromethane	0.47	U	4.7	0.47	0.26
75-25-2	Bromoform	0.47	U	4.7	0.47	0.31
74-83-9	Bromomethane	0.93	U	4.7	0.93	0.50
78-93-3	2-Butanone (MEK)	5.6	J	19	1.9	1.3
75-15-0	Carbon disulfide	0.47	U	4.7	0.47	0.41
56-23-5	Carbon tetrachloride	0.47	U	4.7	0.47	0.35
108-90-7	Chlorobenzene	0.47	U	4.7	0.47	0.31
75-00-3	Chloroethane	0.93	U	4.7	0.93	0.80
67-66-3	Chloroform	0.47	U	4.7	0.47	0.27
74-87-3	Chloromethane	0.47	U	4.7	0.47	0.38
10061-01-5	cis-1,3-Dichloropropene	0.47	U	4.7	0.47	0.32
124-48-1	Dibromochloromethane	0.93	U	4.7	0.93	0.51
106-93-4	1,2-Dibromoethane	0.93	U	4.7	0.93	0.47
75-34-3	1,1-Dichloroethane	0.47	U	4.7	0.47	0.34
107-06-2	1,2-Dichloroethane	0.47	U	4.7	0.47	0.32
75-35-4	1,1-Dichloroethene	0.93	U	4.7	0.93	0.49
540-59-0	1,2-Dichloroethene, Total	0.93	U	9.3	0.93	0.72
78-87-5	1,2-Dichloropropane	0.93	U	4.7	0.93	0.64
100-41-4	Ethylbenzene	0.47	U	4.7	0.47	0.24
591-78-6	2-Hexanone	0.93	U	19	0.93	0.59
75-09-2	Methylene Chloride	0.93	U	4.7	0.93	0.63
108-10-1	4-Methyl-2-pentanone (MIBK)	0.93	U	19	0.93	0.50
100-42-5	Styrene	0.47	U	4.7	0.47	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.47	U	4.7	0.47	0.32
127-18-4	Tetrachloroethene	0.93	U	4.7	0.93	0.49
108-88-3	Toluene	0.95	J	4.7	0.47	0.25
10061-02-6	trans-1,3-Dichloropropene	0.93	U	4.7	0.93	0.50
71-55-6	1,1,1-Trichloroethane	0.93	U	4.7	0.93	0.52
79-00-5	1,1,2-Trichloroethane	0.47	U	4.7	0.47	0.36
79-01-6	Trichloroethene	0.47	U	4.7	0.47	0.39
75-01-4	Vinyl chloride	0.47	U	4.7	0.47	0.36
1330-20-7	Xylenes, Total	1.4	U	9.3	1.4	0.63

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0111M-0001-SO Lab Sample ID: 240-18544-30

Matrix: Solid Lab File ID: UX82516.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 17:04

Sample wt/vol: 6.275(g) Date Analyzed: 12/16/2012 01:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.7 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	92		85-120
1868-53-7	Dibromofluoromethane (Surr)	92		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		61-130
2037-26-5	Toluene-d8 (Surr)	92		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82516.D
Lims ID: 240-18544-B-30-A Client ID: 076SB-0111M-0001-SO
Inject. Date: 16-Dec-2012 01:36:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-025
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 24
Lims Batch ID: 68879 Lims Sample ID: 25
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 17-Dec-2012 00:02:40

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.147	0.008	99	1557281	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.678	0.008	90	1145527	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	98	562979	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.624	-0.001	58	360873	45.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.884	-0.001	93	480627	49.6	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1342062	46.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	93	461991	46.0	
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
21 1,1-Dichloroethene	96		2.932					
22 Acetone	43	2.955	2.956	-0.001	97	139682	31.6	
26 Carbon disulfide	76		3.109					9
30 Methylene Chloride	84	3.298	3.299	-0.001	82	15861	0.5396	
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43	4.268	4.269	-0.001	93	37074	6.04	
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
53 Carbon tetrachloride	117		4.801					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					
60 Trichloroethene	130		5.440					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.830					
70 cis-1,3-Dichloropropene	75		6.185					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.303					
72 Toluene	91	6.480	6.481	-0.001	80	28703	1.01	
73 trans-1,3-Dichloropropene	75		6.646					
75 1,1,2-Trichloroethane	97		6.800					
77 Tetrachloroethene	164		6.966					
78 2-Hexanone	43		7.001					
79 Chlorodibromomethane	129		7.155					
123 Ethylene Dibromide	107		7.273					
82 Chlorobenzene	112		7.711					
84 Ethylbenzene	106		7.794					
10 m-Xylene & p-Xylene	106		7.900					9
85 o-Xylene	106		8.267					
86 Styrene	104		8.279					
87 Bromoform	173		8.456					
90 1,1,2,2-Tetrachloroethane	83		8.870					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

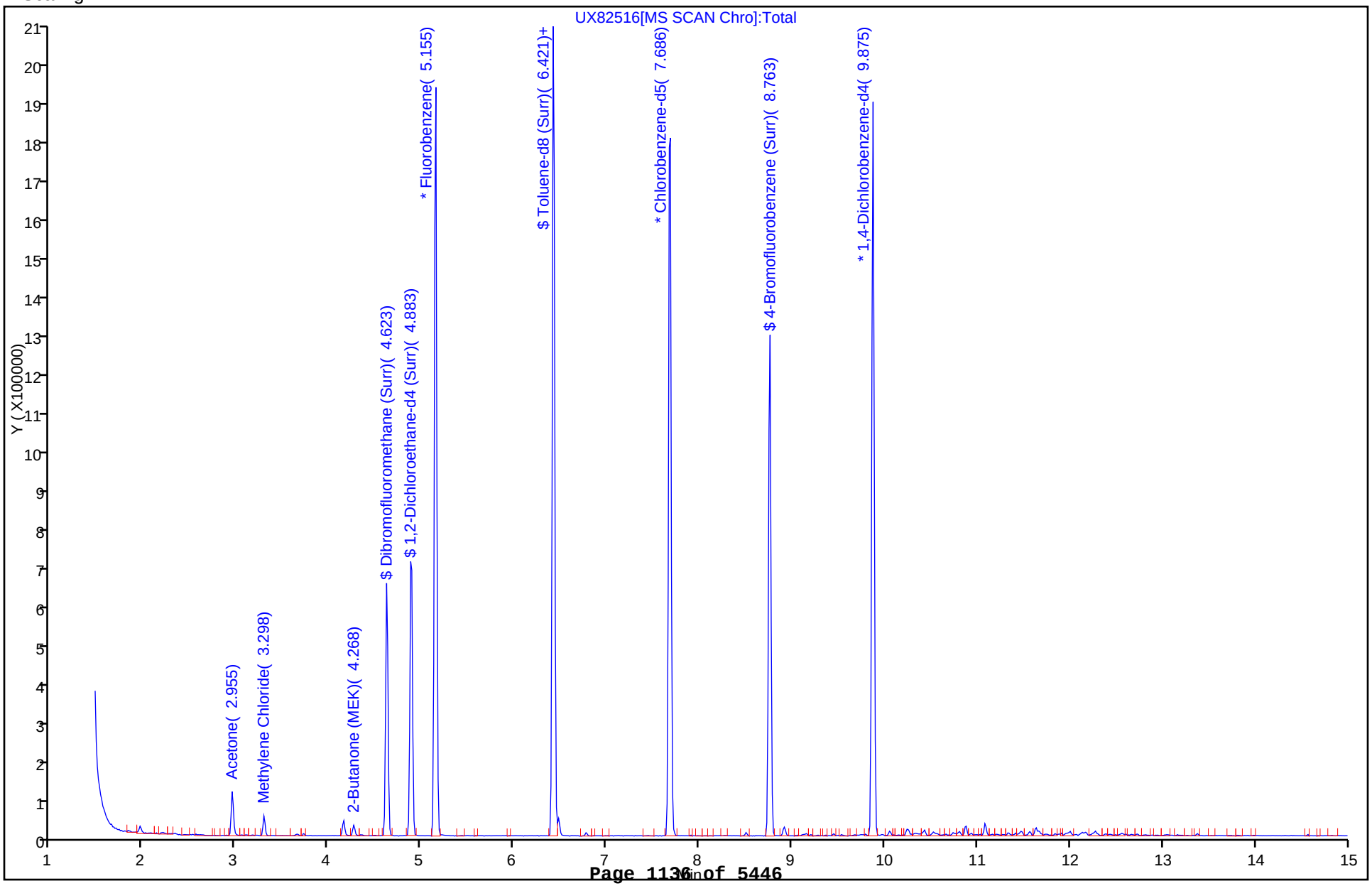
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9 - Failed A Reference Spectral Test

Report Date: 19-Dec-2012 02:39:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	16-Dec-2012 01:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	25
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



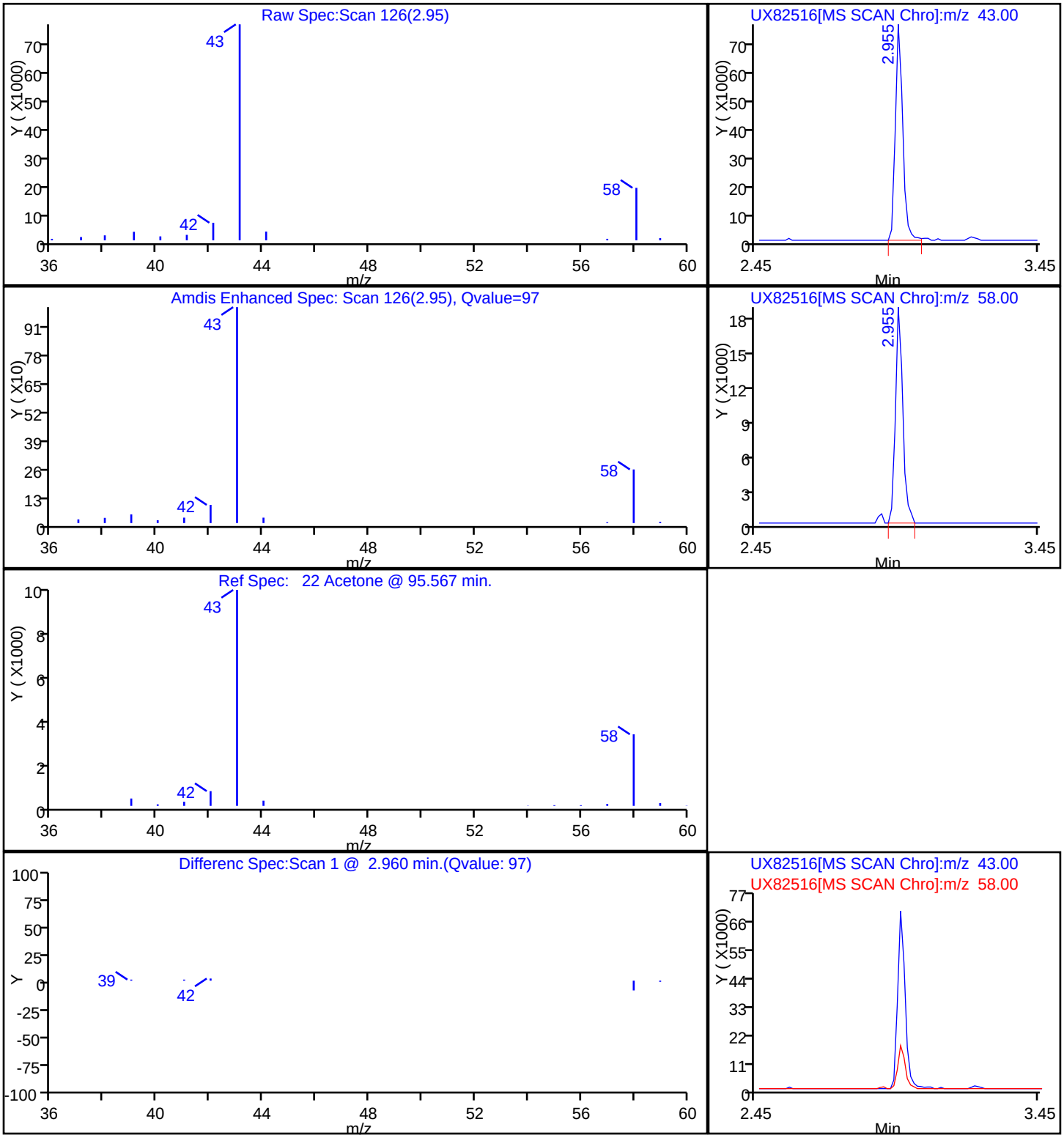
Report Date: 19-Dec-2012 02:39:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82516.D

Injection Date:	16-Dec-2012 01:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	25
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



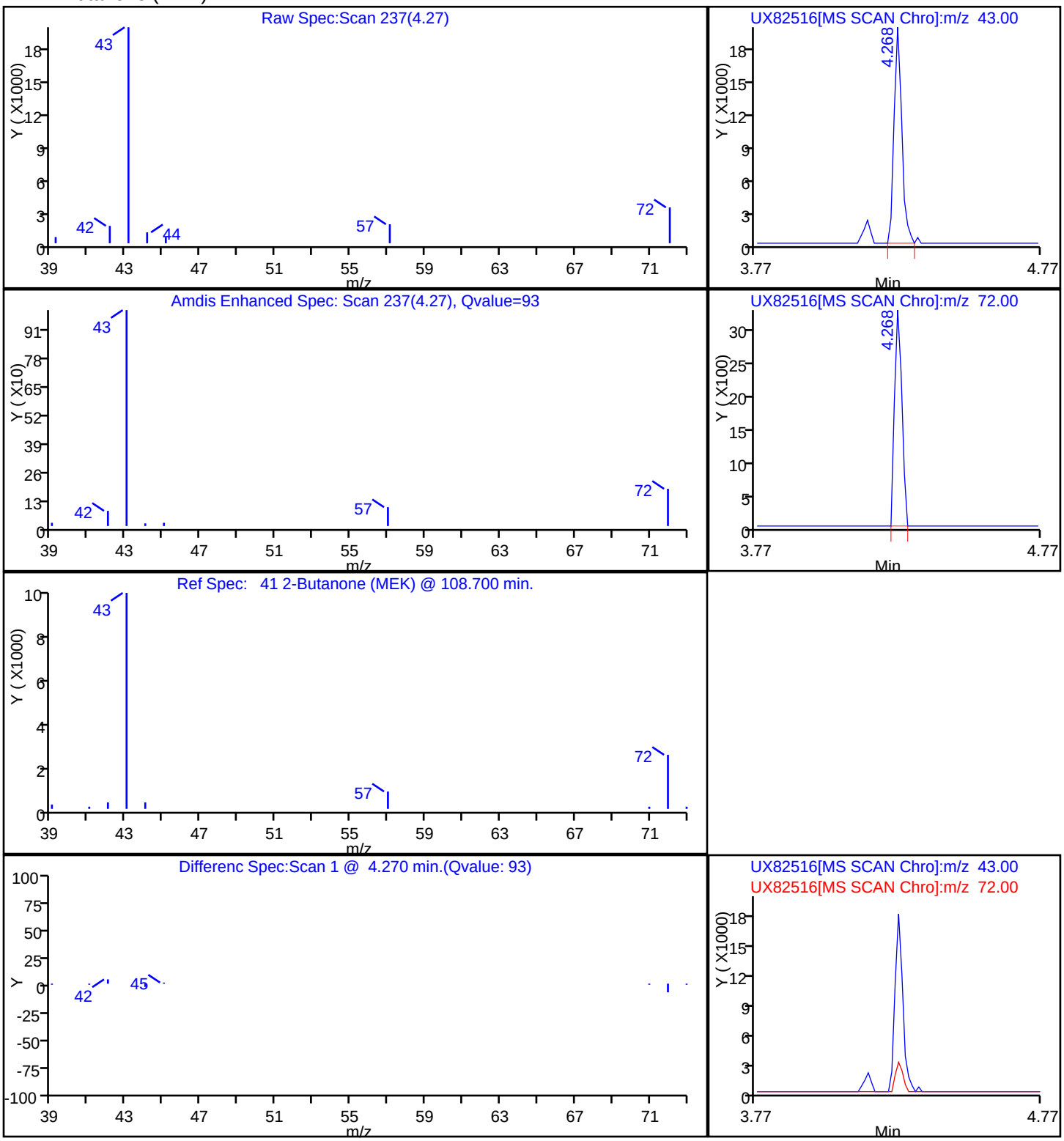
Report Date: 19-Dec-2012 02:39:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82516.D

Injection Date:	16-Dec-2012 01:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	25
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



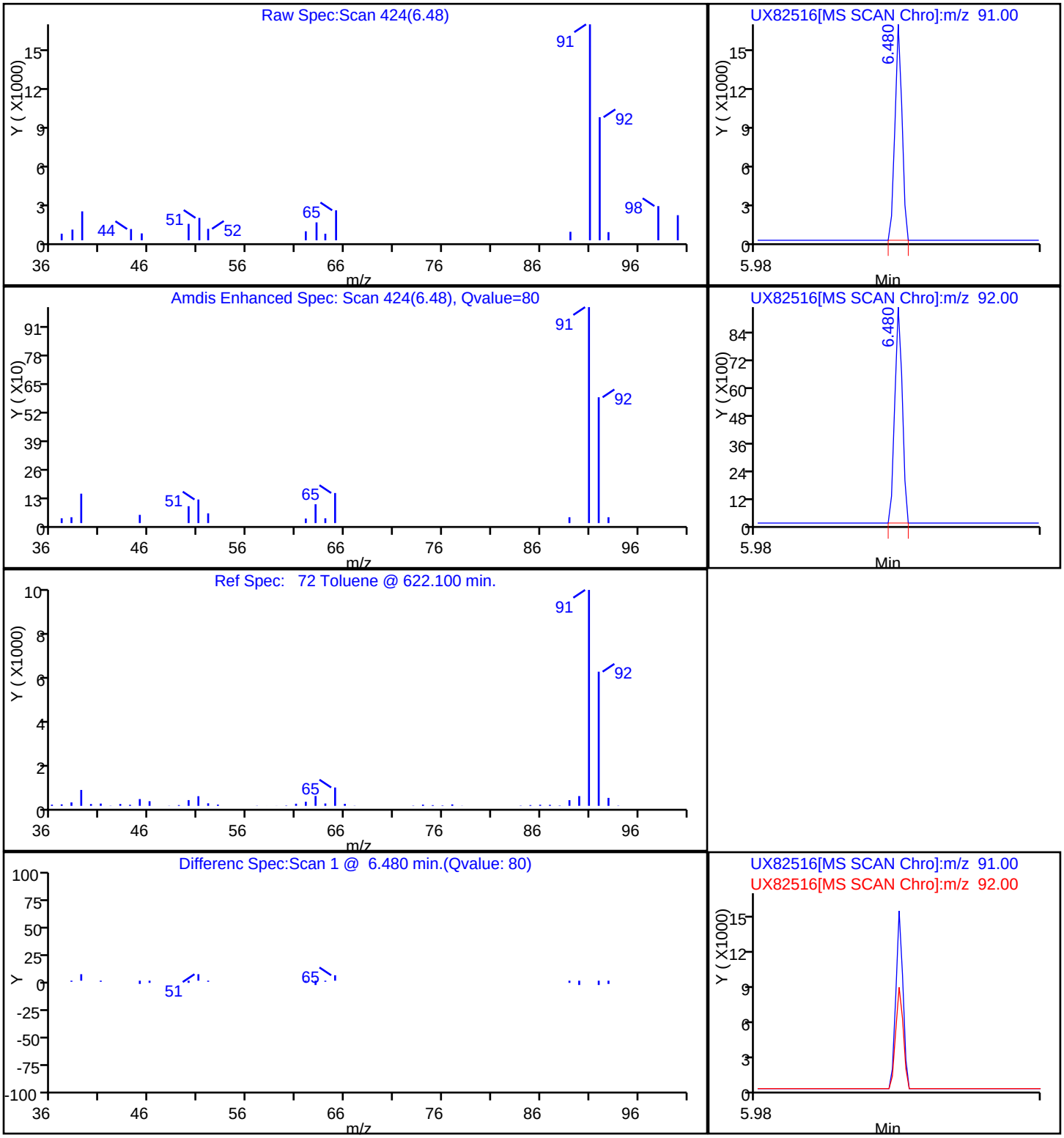
Report Date: 19-Dec-2012 02:39:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82516.D

Injection Date:	16-Dec-2012 01:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	25
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0112M-0001-SO | Lab Sample ID: 240-18544-31

Matrix: Solid | Lab File ID: UX82517.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 17:25

Sample wt/vol: 6.483(g) | Date Analyzed: 12/16/2012 01:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.1 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	6.6	J	17	5.5	5.5
71-43-2	Benzene	0.43	U	4.3	0.43	0.20
74-97-5	Bromochloromethane	0.87	U	4.3	0.87	0.62
75-27-4	Bromodichloromethane	0.43	U	4.3	0.43	0.24
75-25-2	Bromoform	0.43	U	4.3	0.43	0.29
74-83-9	Bromomethane	0.87	U	4.3	0.87	0.47
78-93-3	2-Butanone (MEK)	1.7	J	17	1.7	1.2
75-15-0	Carbon disulfide	0.43	U	4.3	0.43	0.38
56-23-5	Carbon tetrachloride	0.43	U	4.3	0.43	0.32
108-90-7	Chlorobenzene	0.43	U	4.3	0.43	0.29
75-00-3	Chloroethane	0.87	U	4.3	0.87	0.75
67-66-3	Chloroform	0.43	U	4.3	0.43	0.25
74-87-3	Chloromethane	0.43	U	4.3	0.43	0.36
10061-01-5	cis-1,3-Dichloropropene	0.43	U	4.3	0.43	0.30
124-48-1	Dibromochloromethane	0.87	U	4.3	0.87	0.48
106-93-4	1,2-Dibromoethane	0.87	U	4.3	0.87	0.43
75-34-3	1,1-Dichloroethane	0.43	U	4.3	0.43	0.31
107-06-2	1,2-Dichloroethane	0.43	U	4.3	0.43	0.30
75-35-4	1,1-Dichloroethene	0.87	U	4.3	0.87	0.45
540-59-0	1,2-Dichloroethene, Total	0.87	U	8.7	0.87	0.67
78-87-5	1,2-Dichloropropane	0.87	U	4.3	0.87	0.60
100-41-4	Ethylbenzene	0.43	U	4.3	0.43	0.23
591-78-6	2-Hexanone	0.87	U	17	0.87	0.55
75-09-2	Methylene Chloride	0.87	U	4.3	0.87	0.58
108-10-1	4-Methyl-2-pentanone (MIBK)	0.87	U	17	0.87	0.47
100-42-5	Styrene	0.43	U	4.3	0.43	0.13
79-34-5	1,1,2,2-Tetrachloroethane	0.43	U	4.3	0.43	0.30
127-18-4	Tetrachloroethene	0.87	U	4.3	0.87	0.45
108-88-3	Toluene	1.0	J	4.3	0.43	0.23
10061-02-6	trans-1,3-Dichloropropene	0.87	U	4.3	0.87	0.47
71-55-6	1,1,1-Trichloroethane	0.87	U	4.3	0.87	0.49
79-00-5	1,1,2-Trichloroethane	0.43	U	4.3	0.43	0.34
79-01-6	Trichloroethene	0.43	U	4.3	0.43	0.36
75-01-4	Vinyl chloride	0.43	U	4.3	0.43	0.34
1330-20-7	Xylenes, Total	1.3	U	8.7	1.3	0.58

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0112M-0001-SO Lab Sample ID: 240-18544-31

Matrix: Solid Lab File ID: UX82517.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 17:25

Sample wt/vol: 6.483(g) Date Analyzed: 12/16/2012 01:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.1 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	96		85-120
1868-53-7	Dibromofluoromethane (Surr)	100		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		61-130
2037-26-5	Toluene-d8 (Surr)	99		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82517.D
Lims ID: 240-18544-B-31-A Client ID: 076SB-0112M-0001-SO
Inject. Date: 16-Dec-2012 01:57:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-026
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 25
Lims Batch ID: 68879 Lims Sample ID: 26
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 17-Dec-2012 00:03:30

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.147	0.009	99	1540861	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	90	1102504	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	99	538242	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.624	-0.001	58	382802	49.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.884	0.0	92	505850	53.5	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1368357	49.5	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	94	460208	48.0	
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
21 1,1-Dichloroethene	96		2.932					
22 Acetone	43	2.955	2.956	-0.001	93	49922	7.64	
26 Carbon disulfide	76		3.109					
30 Methylene Chloride	84	3.298	3.299	-0.001	85	13985	0.2762	
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43	4.268	4.269	-0.001	58	11927	1.96	
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
53 Carbon tetrachloride	117		4.801					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					
60 Trichloroethene	130		5.440					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.830					
70 cis-1,3-Dichloropropene	75		6.185					

	Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71	4-Methyl-2-pentanone (MIBK)	43		6.303					
72	Toluene	91	6.480	6.481	-0.001	88	32790	1.20	
73	trans-1,3-Dichloropropene	75		6.646					
75	1,1,2-Trichloroethane	97		6.800					
77	Tetrachloroethene	164		6.966					
78	2-Hexanone	43		7.001					
79	Chlorodibromomethane	129		7.155					
123	Ethylene Dibromide	107		7.273					
82	Chlorobenzene	112		7.711					
84	Ethylbenzene	106		7.794					9
10	m-Xylene & p-Xylene	106		7.900					9
85	o-Xylene	106		8.267					
86	Styrene	104		8.279					
87	Bromoform	173		8.456					
90	1,1,2,2-Tetrachloroethane	83		8.870					
S 11	1,2-Dichloroethene, Total	96		1.140					
S 114	Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

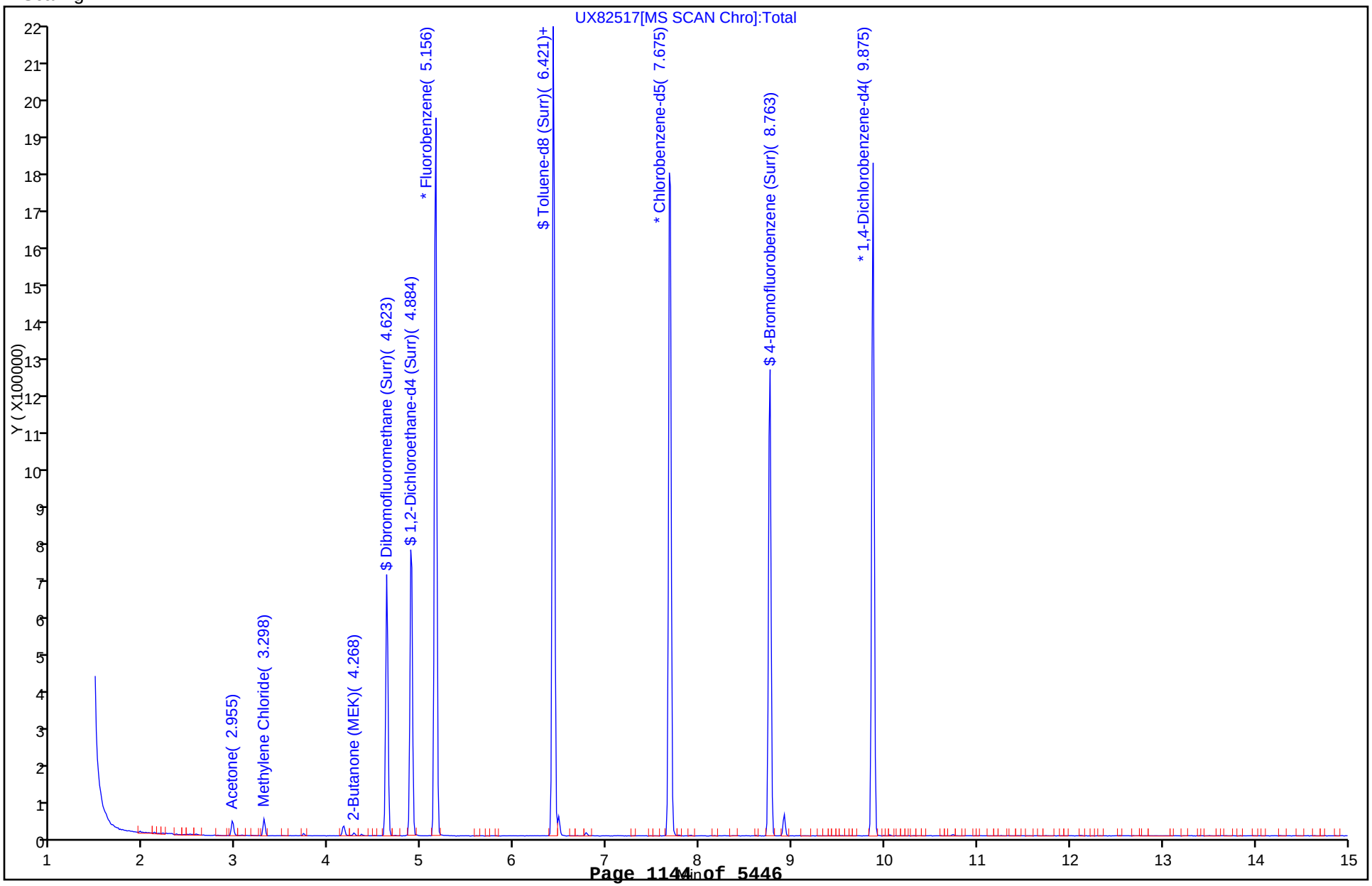
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82517.D

Injection Date:	16-Dec-2012 01:57:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	26
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



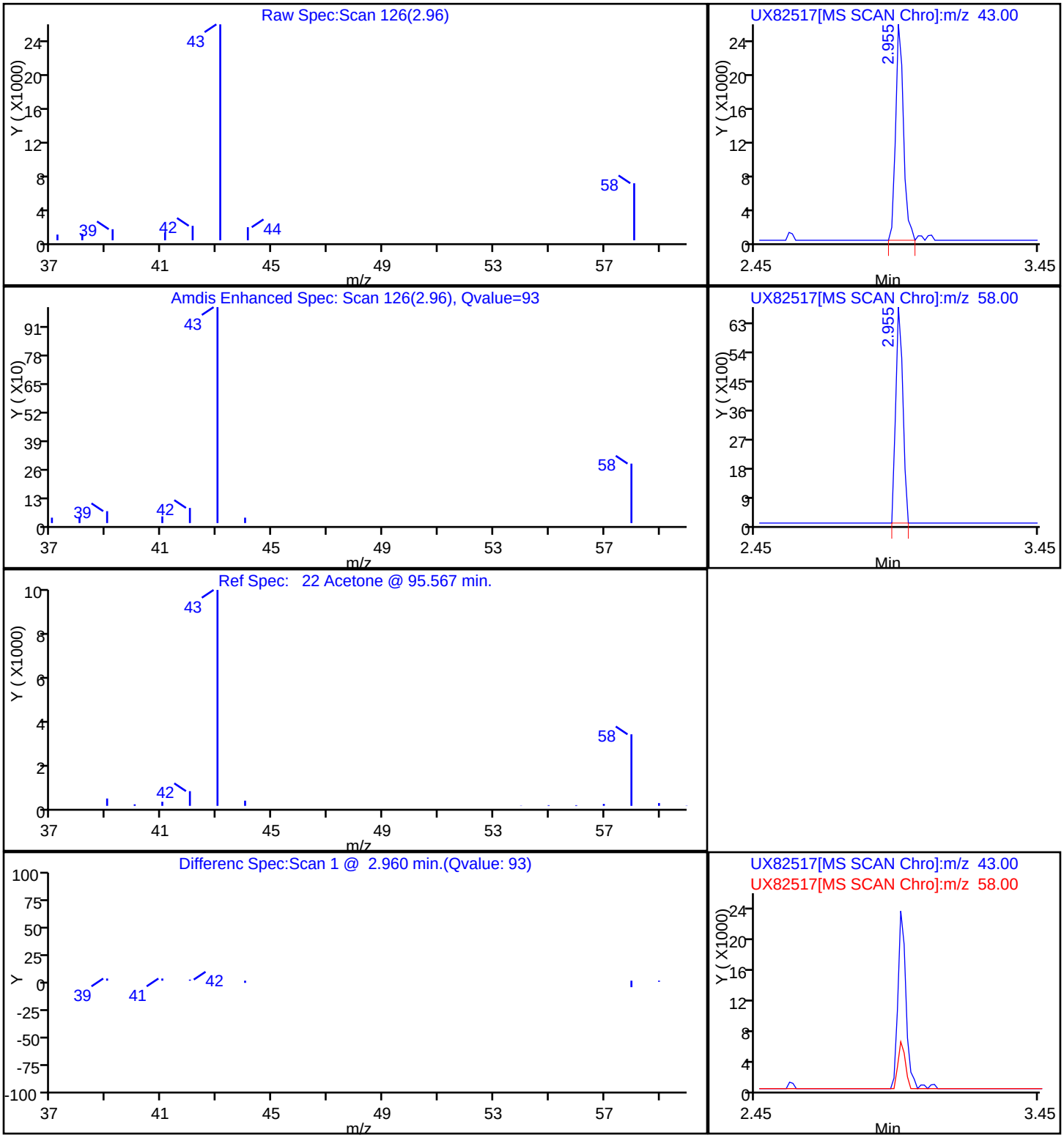
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82517.D

Injection Date:	16-Dec-2012 01:57:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	26
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



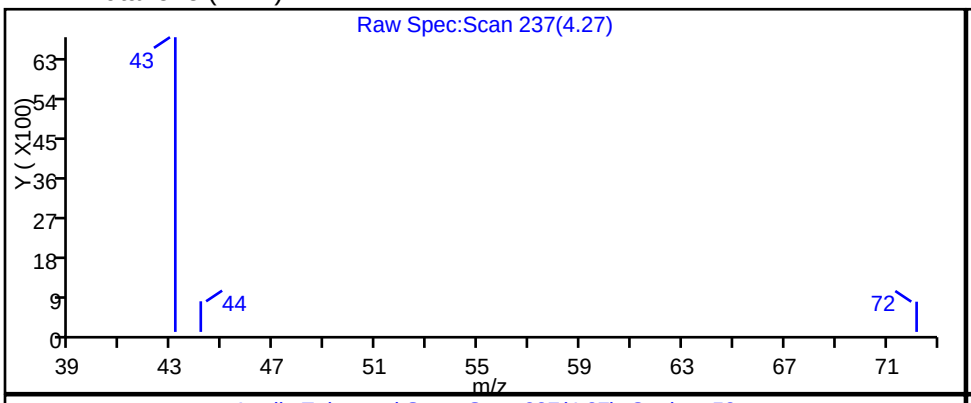
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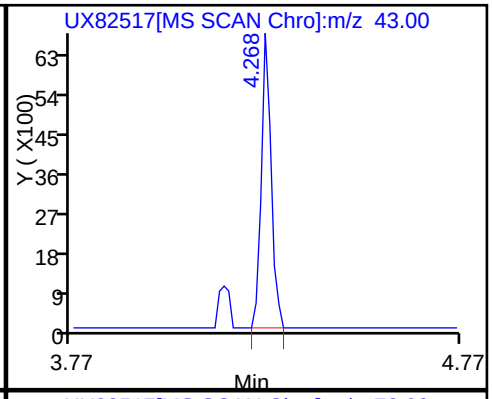
TestAmerica Canton

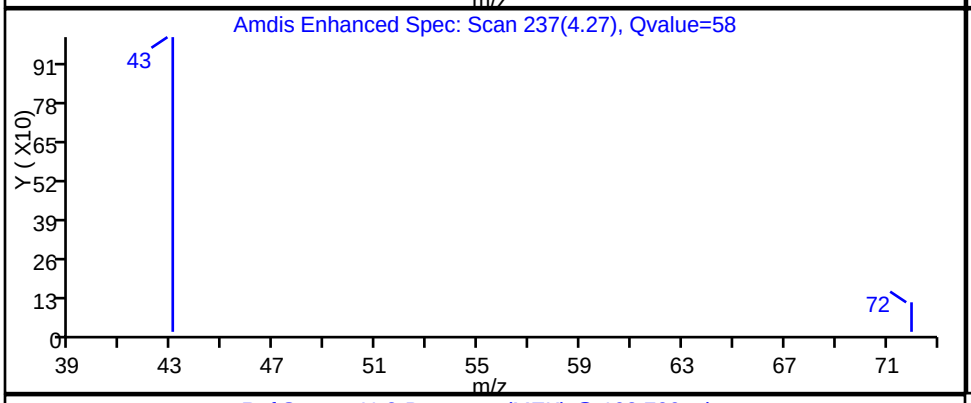
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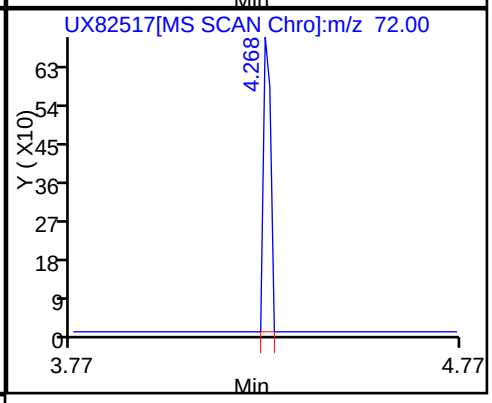
Injection Date:	16-Dec-2012 01:57:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	26
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

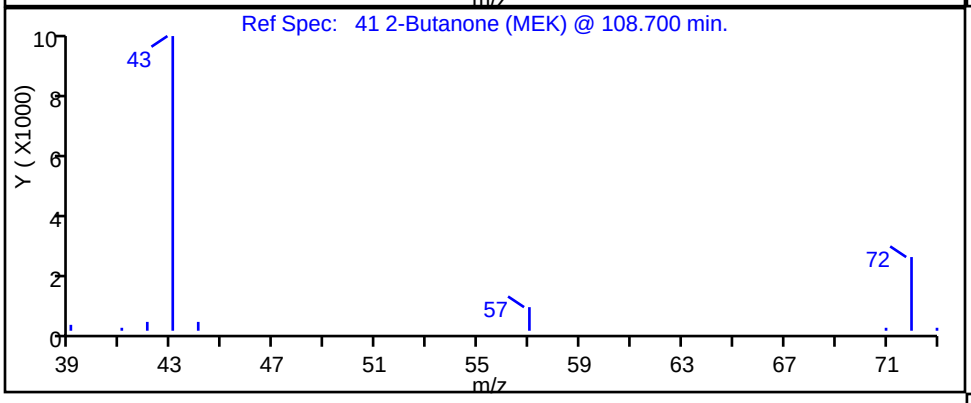
41 2-Butanone (MEK)

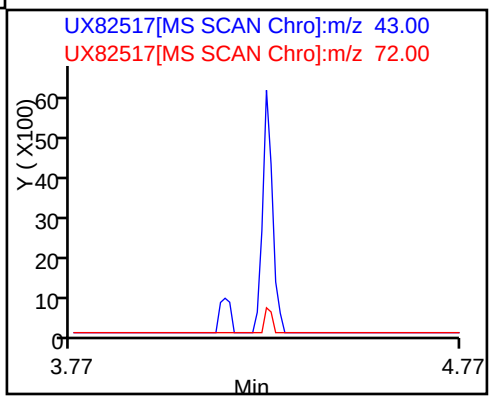












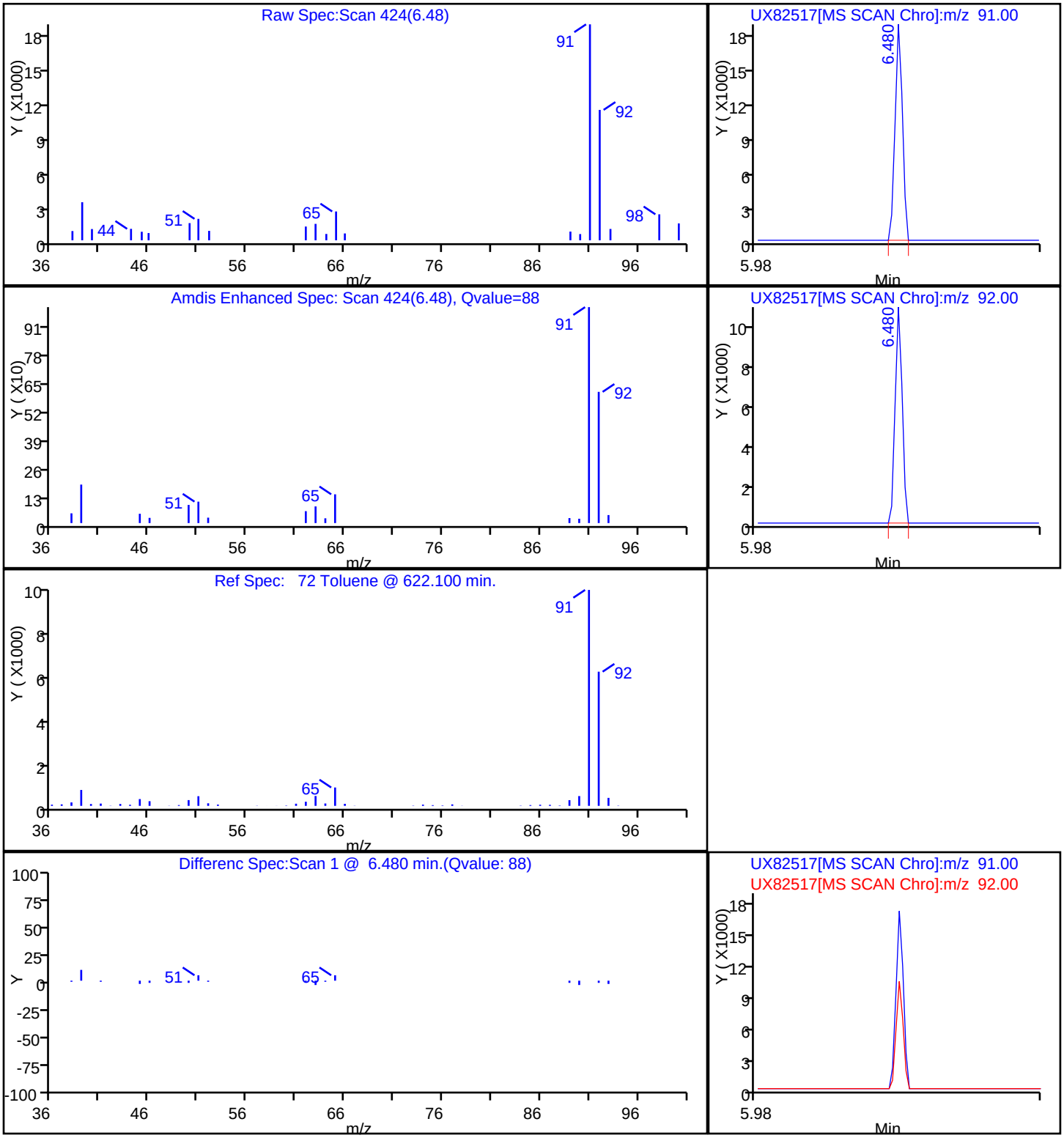
Report Date: 19-Dec-2012 02:39:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82517.D

Injection Date:	16-Dec-2012 01:57:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	26
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0113M-0001-SO | Lab Sample ID: 240-18544-32

Matrix: Solid | Lab File ID: UX82518.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 17:25

Sample wt/vol: 6.313(g) | Date Analyzed: 12/16/2012 02:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.6 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	12	J	18	5.7	5.7
71-43-2	Benzene	0.45	U	4.5	0.45	0.21
74-97-5	Bromochloromethane	0.91	U	4.5	0.91	0.64
75-27-4	Bromodichloromethane	0.45	U	4.5	0.45	0.25
75-25-2	Bromoform	0.45	U	4.5	0.45	0.30
74-83-9	Bromomethane	0.91	U	4.5	0.91	0.49
78-93-3	2-Butanone (MEK)	3.3	J	18	1.8	1.3
75-15-0	Carbon disulfide	0.45	U	4.5	0.45	0.40
56-23-5	Carbon tetrachloride	0.45	U	4.5	0.45	0.34
108-90-7	Chlorobenzene	0.45	U	4.5	0.45	0.30
75-00-3	Chloroethane	0.91	U	4.5	0.91	0.78
67-66-3	Chloroform	0.45	U	4.5	0.45	0.26
74-87-3	Chloromethane	0.45	U	4.5	0.45	0.37
10061-01-5	cis-1,3-Dichloropropene	0.45	U	4.5	0.45	0.31
124-48-1	Dibromochloromethane	0.91	U	4.5	0.91	0.50
106-93-4	1,2-Dibromoethane	0.91	U	4.5	0.91	0.45
75-34-3	1,1-Dichloroethane	0.45	U	4.5	0.45	0.33
107-06-2	1,2-Dichloroethane	0.45	U	4.5	0.45	0.31
75-35-4	1,1-Dichloroethene	0.91	U	4.5	0.91	0.47
540-59-0	1,2-Dichloroethene, Total	0.91	U	9.1	0.91	0.70
78-87-5	1,2-Dichloropropane	0.91	U	4.5	0.91	0.63
100-41-4	Ethylbenzene	0.45	U	4.5	0.45	0.24
591-78-6	2-Hexanone	0.91	U	18	0.91	0.57
75-09-2	Methylene Chloride	1.1	J	4.5	0.91	0.61
108-10-1	4-Methyl-2-pentanone (MIBK)	0.91	U	18	0.91	0.49
100-42-5	Styrene	0.45	U	4.5	0.45	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.45	U	4.5	0.45	0.31
127-18-4	Tetrachloroethene	0.91	U	4.5	0.91	0.47
108-88-3	Toluene	1.5	J	4.5	0.45	0.24
10061-02-6	trans-1,3-Dichloropropene	0.91	U	4.5	0.91	0.49
71-55-6	1,1,1-Trichloroethane	0.91	U	4.5	0.91	0.51
79-00-5	1,1,2-Trichloroethane	0.45	U	4.5	0.45	0.35
79-01-6	Trichloroethene	0.45	U	4.5	0.45	0.38
75-01-4	Vinyl chloride	0.45	U	4.5	0.45	0.35
1330-20-7	Xylenes, Total	1.4	U	9.1	1.4	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0113M-0001-SO Lab Sample ID: 240-18544-32

Matrix: Solid Lab File ID: UX82518.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 17:25

Sample wt/vol: 6.313(g) Date Analyzed: 12/16/2012 02:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.6 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	83	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	95		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		61-130
2037-26-5	Toluene-d8 (Surr)	103		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82518.D
Lims ID: 240-18544-B-32-A Client ID: 076SB-0113M-0001-SO
Inject. Date: 16-Dec-2012 02:19:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-027
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 26
Lims Batch ID: 68879 Lims Sample ID: 27
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 17-Dec-2012 00:04:32

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.157	5.147	0.010	99	1496601	50.0	
* 2 Chlorobenzene-d5	117	7.688	7.678	0.010	89	1019009	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.878	-0.002	99	423355	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.624	0.001	58	358418	47.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.885	4.884	0.001	92	449622	48.0	
$ 7 Toluene-d8 (Surr)	98	6.423	6.421	0.002	95	1305636	51.5	
$ 131 4-Bromofluorobenzene (Surr)	95	8.765	8.763	0.002	95	379805	41.7	
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
21 1,1-Dichloroethene	96		2.932					
22 Acetone	43	2.957	2.956	0.001	93	68304	13.2	
26 Carbon disulfide	76	3.111	3.109	0.002	62	5471	0.3869	
30 Methylene Chloride	84	3.300	3.299	0.001	92	19399	1.20	
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43	4.270	4.269	0.001	87	21251	3.60	
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
53 Carbon tetrachloride	117		4.801					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					9
60 Trichloroethene	130		5.440					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.830					
70 cis-1,3-Dichloropropene	75		6.185					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		6.303					
72 Toluene	91	6.482	6.481	0.001	79	40472	1.61	
73 trans-1,3-Dichloropropene	75		6.646					
75 1,1,2-Trichloroethane	97		6.800					
77 Tetrachloroethene	164		6.966					
78 2-Hexanone	43		7.001					
79 Chlorodibromomethane	129		7.155					
123 Ethylene Dibromide	107		7.273					
82 Chlorobenzene	112		7.711					
84 Ethylbenzene	106		7.794					
10 m-Xylene & p-Xylene	106		7.900					
85 o-Xylene	106		8.267					
86 Styrene	104		8.279					
87 Bromoform	173		8.456					
90 1,1,2,2-Tetrachloroethane	83		8.870					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

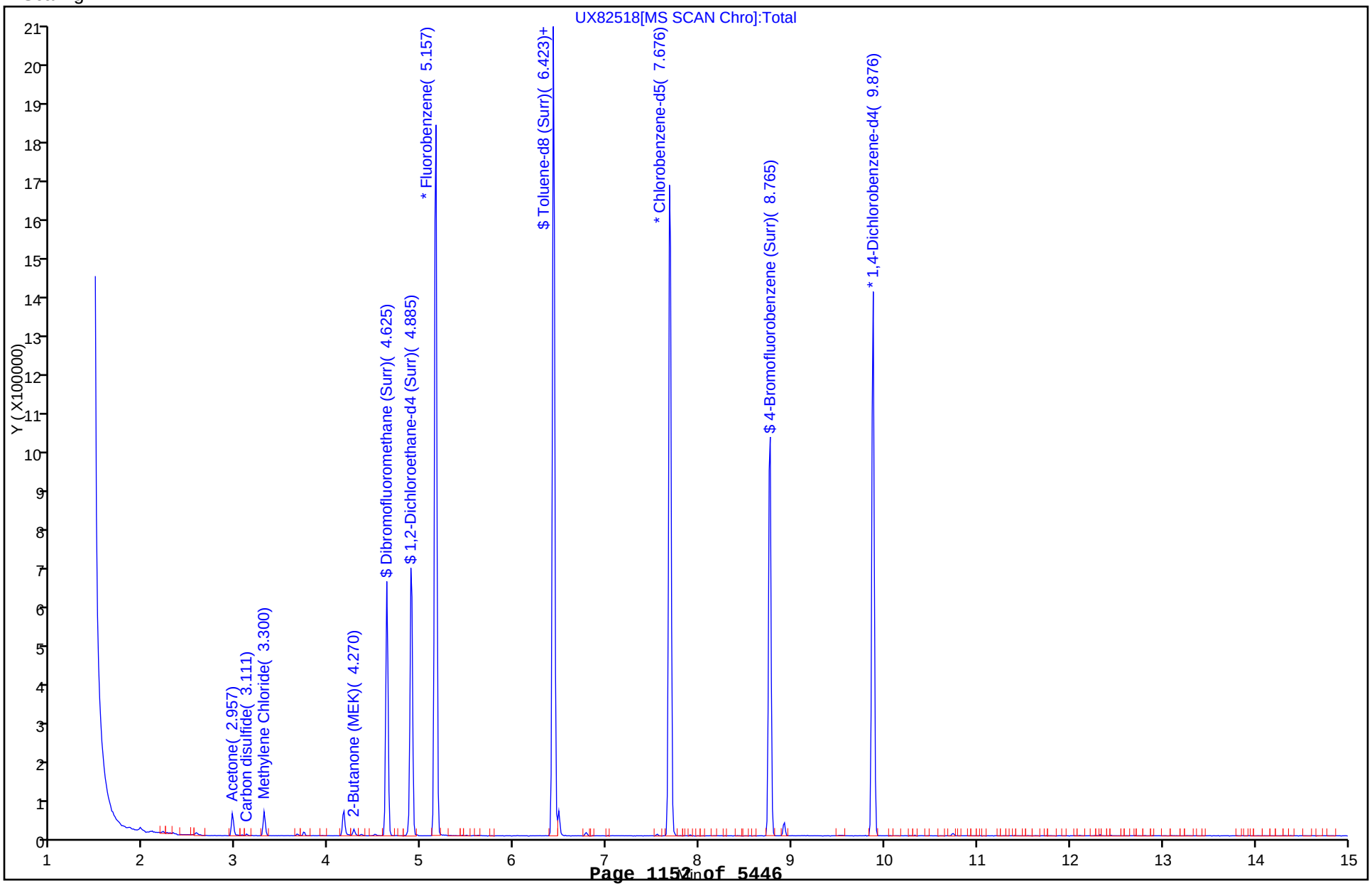
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82518.D

Injection Date:	16-Dec-2012 02:19:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	27
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



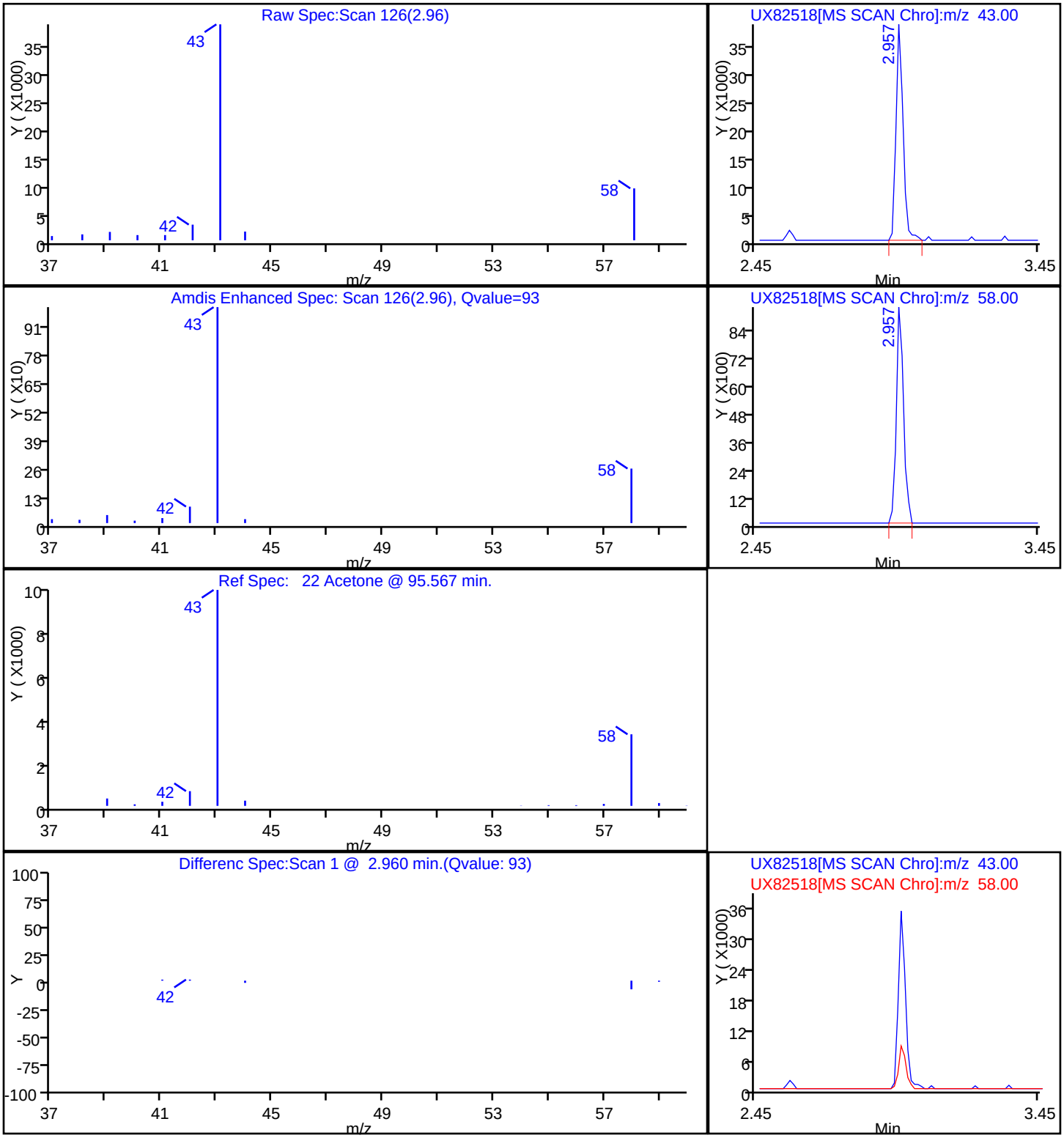
Report Date: 19-Dec-2012 02:39:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82518.D

Injection Date:	16-Dec-2012 02:19:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	27
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



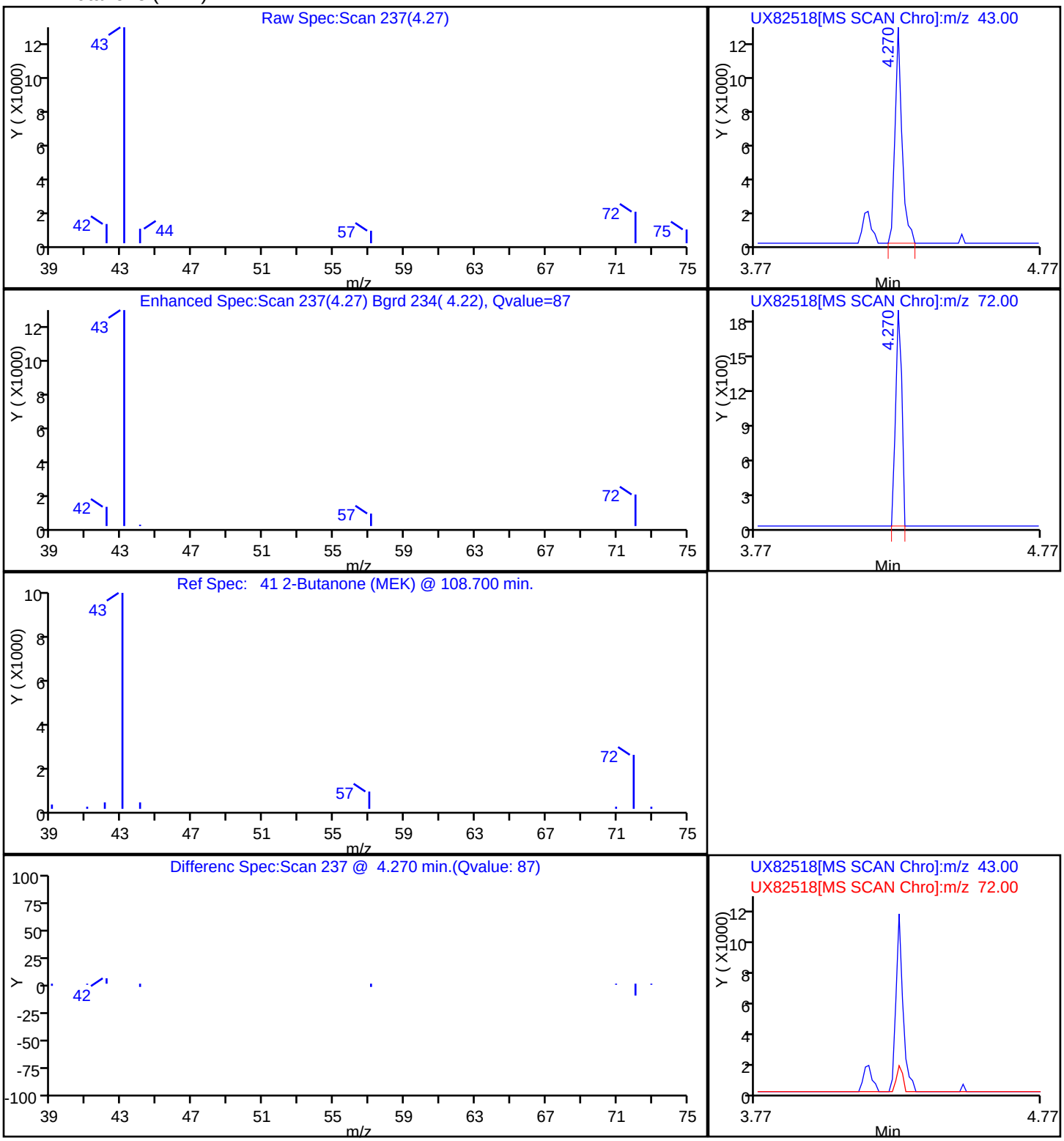
Report Date: 19-Dec-2012 02:39:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82518.D

Injection Date:	16-Dec-2012 02:19:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	27
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



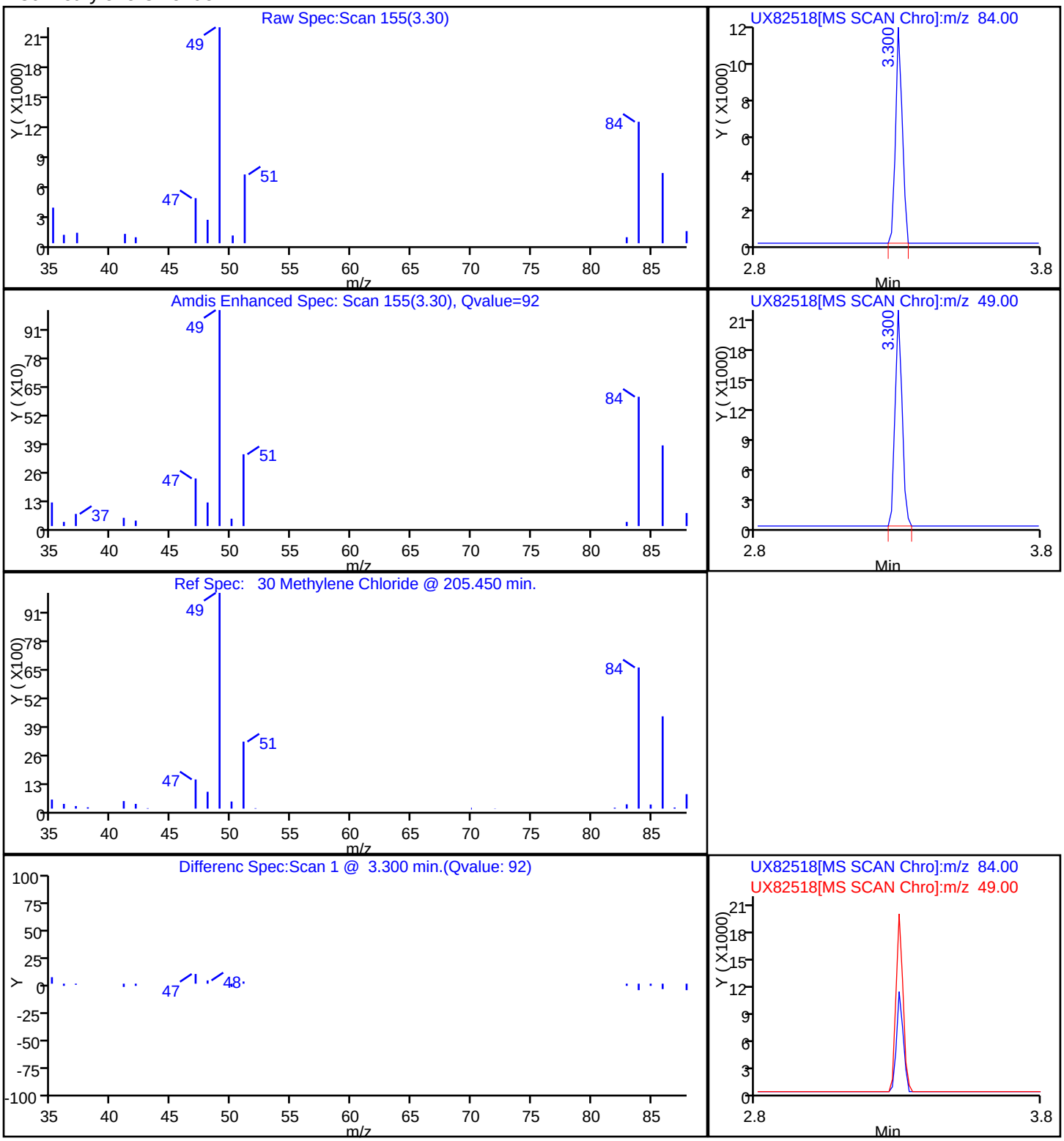
Report Date: 19-Dec-2012 02:39:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82518.D

Injection Date:	16-Dec-2012 02:19:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	27
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

30 Methylene Chloride



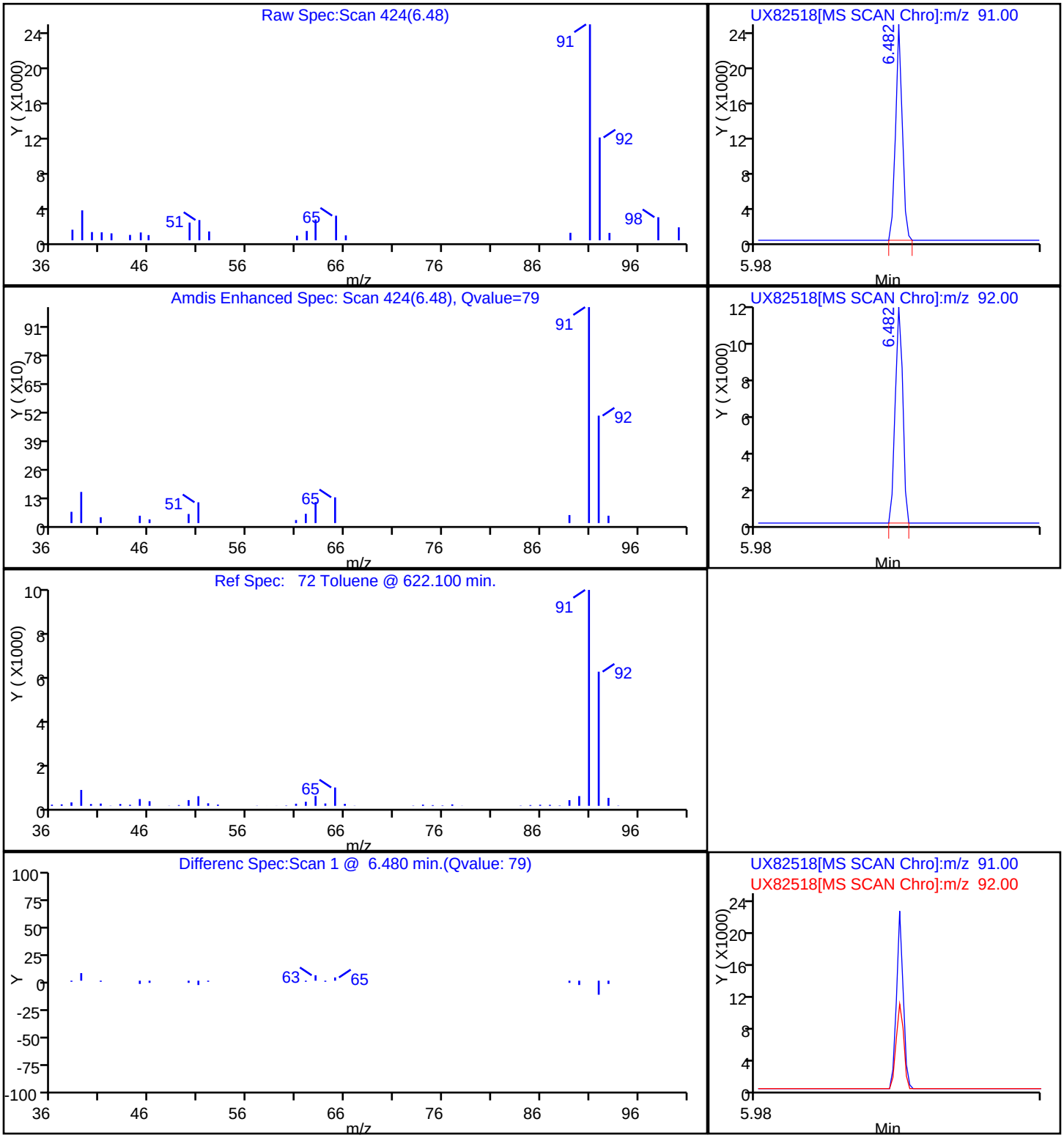
Report Date: 19-Dec-2012 02:39:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82518.D

Injection Date:	16-Dec-2012 02:19:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	27
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0114M-0001-SO | Lab Sample ID: 240-18544-33

Matrix: Solid | Lab File ID: UX82519.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 17:35

Sample wt/vol: 6.274(g) | Date Analyzed: 12/16/2012 02:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.7 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	6.0	U	19	6.0	6.0
71-43-2	Benzene	0.48	U	4.8	0.48	0.22
74-97-5	Bromochloromethane	0.96	U	4.8	0.96	0.68
75-27-4	Bromodichloromethane	0.48	U	4.8	0.48	0.27
75-25-2	Bromoform	0.48	U	4.8	0.48	0.32
74-83-9	Bromomethane	0.96	U	4.8	0.96	0.52
78-93-3	2-Butanone (MEK)	1.9	U	19	1.9	1.3
75-15-0	Carbon disulfide	0.48	U	4.8	0.48	0.42
56-23-5	Carbon tetrachloride	0.48	U	4.8	0.48	0.35
108-90-7	Chlorobenzene	0.48	U	4.8	0.48	0.32
75-00-3	Chloroethane	0.96	U	4.8	0.96	0.82
67-66-3	Chloroform	0.48	U	4.8	0.48	0.28
74-87-3	Chloromethane	0.48	U	4.8	0.48	0.39
10061-01-5	cis-1,3-Dichloropropene	0.48	U	4.8	0.48	0.33
124-48-1	Dibromochloromethane	0.96	U	4.8	0.96	0.53
106-93-4	1,2-Dibromoethane	0.96	U	4.8	0.96	0.48
75-34-3	1,1-Dichloroethane	0.48	U	4.8	0.48	0.34
107-06-2	1,2-Dichloroethane	0.48	U	4.8	0.48	0.33
75-35-4	1,1-Dichloroethene	0.96	U	4.8	0.96	0.50
540-59-0	1,2-Dichloroethene, Total	0.96	U	9.6	0.96	0.74
78-87-5	1,2-Dichloropropane	0.96	U	4.8	0.96	0.66
100-41-4	Ethylbenzene	0.48	U	4.8	0.48	0.25
591-78-6	2-Hexanone	0.96	U	19	0.96	0.60
75-09-2	Methylene Chloride	0.96	U	4.8	0.96	0.64
108-10-1	4-Methyl-2-pentanone (MIBK)	0.96	U	19	0.96	0.52
100-42-5	Styrene	0.48	U	4.8	0.48	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.48	U	4.8	0.48	0.33
127-18-4	Tetrachloroethene	0.96	U	4.8	0.96	0.50
108-88-3	Toluene	0.52	J	4.8	0.48	0.26
10061-02-6	trans-1,3-Dichloropropene	0.96	U	4.8	0.96	0.52
71-55-6	1,1,1-Trichloroethane	0.96	U	4.8	0.96	0.54
79-00-5	1,1,2-Trichloroethane	0.48	U	4.8	0.48	0.37
79-01-6	Trichloroethene	0.48	U	4.8	0.48	0.40
75-01-4	Vinyl chloride	0.48	U	4.8	0.48	0.37
1330-20-7	Xylenes, Total	1.4	U	9.6	1.4	0.64

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0114M-0001-SO Lab Sample ID: 240-18544-33

Matrix: Solid Lab File ID: UX82519.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 17:35

Sample wt/vol: 6.274(g) Date Analyzed: 12/16/2012 02:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.7 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		85-120
1868-53-7	Dibromofluoromethane (Surr)	93		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		61-130
2037-26-5	Toluene-d8 (Surr)	97		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82519.D
Lims ID: 240-18544-B-33-A Client ID: 076SB-0114M-0001-SO
Inject. Date: 16-Dec-2012 02:40:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-028
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 27
Lims Batch ID: 68879 Lims Sample ID: 28
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 17-Dec-2012 00:05:23

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.147	0.008	99	1540486	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	90	1072426	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	99	515462	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.624	-0.001	58	361656	46.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.895	4.884	0.011	92	443935	45.6	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1302172	48.3	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	92	427198	45.3	
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
21 1,1-Dichloroethene	96		2.932					
22 Acetone	43		2.956					
26 Carbon disulfide	76		3.109					
30 Methylene Chloride	84		3.299					
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43		4.269					9
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
53 Carbon tetrachloride	117		4.801					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					
60 Trichloroethene	130		5.440					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.830					
70 cis-1,3-Dichloropropene	75		6.185					

	Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71	4-Methyl-2-pentanone (MIBK)	43		6.303					
72	Toluene	91	6.480	6.481	-0.001	63	14282	0.5383	
73	trans-1,3-Dichloropropene	75		6.646					
75	1,1,2-Trichloroethane	97		6.800					
77	Tetrachloroethene	164		6.966					
78	2-Hexanone	43		7.001					
79	Chlorodibromomethane	129		7.155					
123	Ethylene Dibromide	107		7.273					
82	Chlorobenzene	112		7.711					
84	Ethylbenzene	106		7.794					9
10	m-Xylene & p-Xylene	106		7.900					9
85	o-Xylene	106		8.267					
86	Styrene	104		8.279					
87	Bromoform	173		8.456					
90	1,1,2,2-Tetrachloroethane	83		8.870					
S 11	1,2-Dichloroethene, Total	96		1.140					
S 114	Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

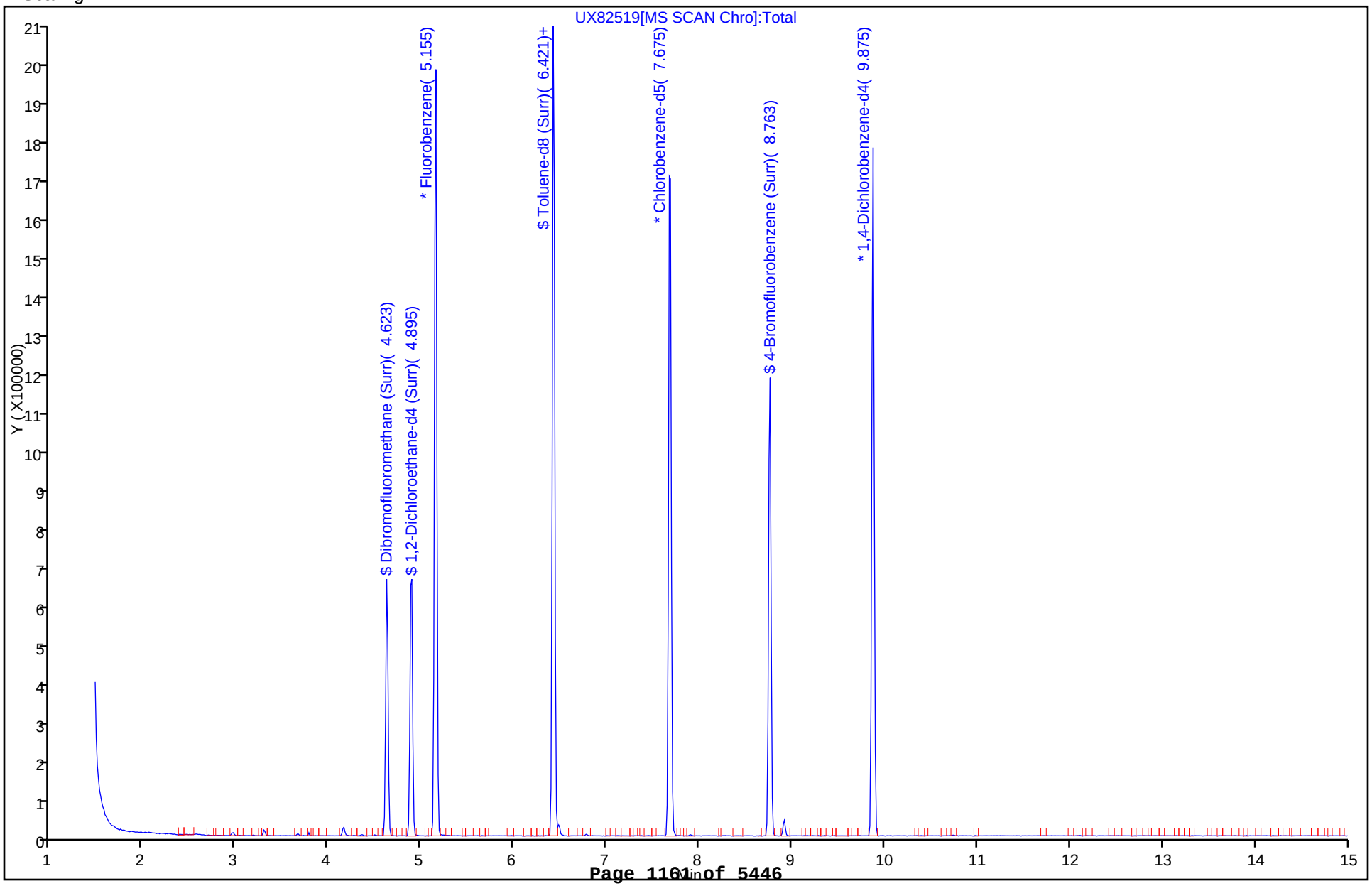
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82519.D

Injection Date:	16-Dec-2012 02:40:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	28
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



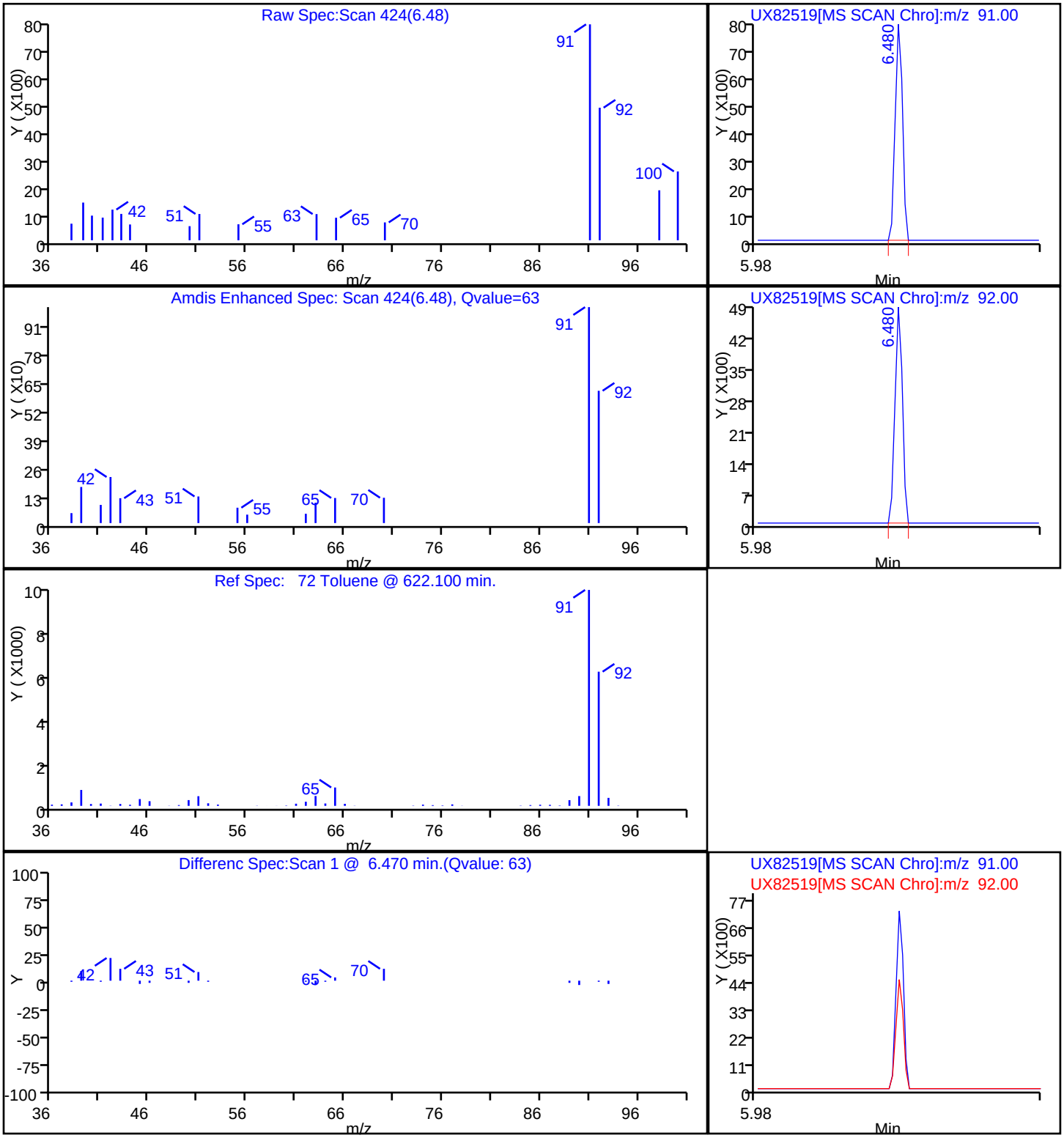
Report Date: 19-Dec-2012 02:39:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82519.D

Injection Date:	16-Dec-2012 02:40:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	28
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0115M-0001-SO | Lab Sample ID: 240-18544-34

Matrix: Solid | Lab File ID: UX82520.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 17:35

Sample wt/vol: 5.842(g) | Date Analyzed: 12/16/2012 03:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 17.9 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	6.6	U	21	6.6	6.6
71-43-2	Benzene	0.52	U	5.2	0.52	0.24
74-97-5	Bromochloromethane	1.0	U	5.2	1.0	0.74
75-27-4	Bromodichloromethane	0.52	U	5.2	0.52	0.29
75-25-2	Bromoform	0.52	U	5.2	0.52	0.34
74-83-9	Bromomethane	1.0	U	5.2	1.0	0.56
78-93-3	2-Butanone (MEK)	2.1	U	21	2.1	1.5
75-15-0	Carbon disulfide	0.52	U	5.2	0.52	0.46
56-23-5	Carbon tetrachloride	0.52	U	5.2	0.52	0.39
108-90-7	Chlorobenzene	0.52	U	5.2	0.52	0.34
75-00-3	Chloroethane	1.0	U	5.2	1.0	0.90
67-66-3	Chloroform	0.52	U	5.2	0.52	0.30
74-87-3	Chloromethane	0.52	U	5.2	0.52	0.43
10061-01-5	cis-1,3-Dichloropropene	0.52	U	5.2	0.52	0.35
124-48-1	Dibromochloromethane	1.0	U	5.2	1.0	0.57
106-93-4	1,2-Dibromoethane	1.0	U	5.2	1.0	0.52
75-34-3	1,1-Dichloroethane	0.52	U	5.2	0.52	0.38
107-06-2	1,2-Dichloroethane	0.52	U	5.2	0.52	0.35
75-35-4	1,1-Dichloroethene	1.0	U	5.2	1.0	0.54
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.80
78-87-5	1,2-Dichloropropane	1.0	U	5.2	1.0	0.72
100-41-4	Ethylbenzene	0.52	U	5.2	0.52	0.27
591-78-6	2-Hexanone	1.0	U	21	1.0	0.66
75-09-2	Methylene Chloride	1.7	J	5.2	1.0	0.70
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	21	1.0	0.56
100-42-5	Styrene	0.52	U	5.2	0.52	0.16
79-34-5	1,1,2,2-Tetrachloroethane	0.52	U	5.2	0.52	0.35
127-18-4	Tetrachloroethene	1.0	U	5.2	1.0	0.54
108-88-3	Toluene	1.5	J	5.2	0.52	0.28
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.2	1.0	0.56
71-55-6	1,1,1-Trichloroethane	1.0	U	5.2	1.0	0.58
79-00-5	1,1,2-Trichloroethane	0.52	U	5.2	0.52	0.41
79-01-6	Trichloroethene	0.52	U	5.2	0.52	0.44
75-01-4	Vinyl chloride	0.52	U	5.2	0.52	0.41
1330-20-7	Xylenes, Total	1.6	U	10	1.6	0.70

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0115M-0001-SO Lab Sample ID: 240-18544-34

Matrix: Solid Lab File ID: UX82520.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 17:35

Sample wt/vol: 5.842(g) Date Analyzed: 12/16/2012 03:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 17.9 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	88		85-120
1868-53-7	Dibromofluoromethane (Surr)	92		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		61-130
2037-26-5	Toluene-d8 (Surr)	97		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82520.D
Lims ID: 240-18544-B-34-A Client ID: 076SB-0115M-0001-SO
Inject. Date: 16-Dec-2012 03:01:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015886-029
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 28
Lims Batch ID: 68879 Lims Sample ID: 29
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 17-Dec-2012 00:06:20

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.147	0.009	99	1535465	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	90	1061020	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	99	478793	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.624	0.0	58	357987	46.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.884	0.0	93	448533	46.4	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1288982	48.3	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.763	0.001	94	411716	43.8	
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
21 1,1-Dichloroethene	96		2.932					
22 Acetone	43	2.956	2.956	0.0	89	22273	0.1563	
26 Carbon disulfide	76		3.109					
30 Methylene Chloride	84	3.299	3.299	0.0	79	22626	1.62	
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43		4.269					9
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.671					
53 Carbon tetrachloride	117		4.801					
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					
60 Trichloroethene	130		5.440					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.830					
70 cis-1,3-Dichloropropene	75		6.185					

	Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71	4-Methyl-2-pentanone (MIBK)	43		6.303					
72	Toluene	91	6.481	6.481	0.0	82	38364	1.46	
73	trans-1,3-Dichloropropene	75		6.646					
75	1,1,2-Trichloroethane	97		6.800					
77	Tetrachloroethene	164		6.966					
78	2-Hexanone	43		7.001					
79	Chlorodibromomethane	129		7.155					
123	Ethylene Dibromide	107		7.273					
82	Chlorobenzene	112		7.711					
84	Ethylbenzene	106		7.794					9
10	m-Xylene & p-Xylene	106		7.900					9
85	o-Xylene	106		8.267					9
86	Styrene	104		8.279					
87	Bromoform	173		8.456					
90	1,1,2,2-Tetrachloroethane	83		8.870					
S 11	1,2-Dichloroethene, Total	96		1.140					
S 114	Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

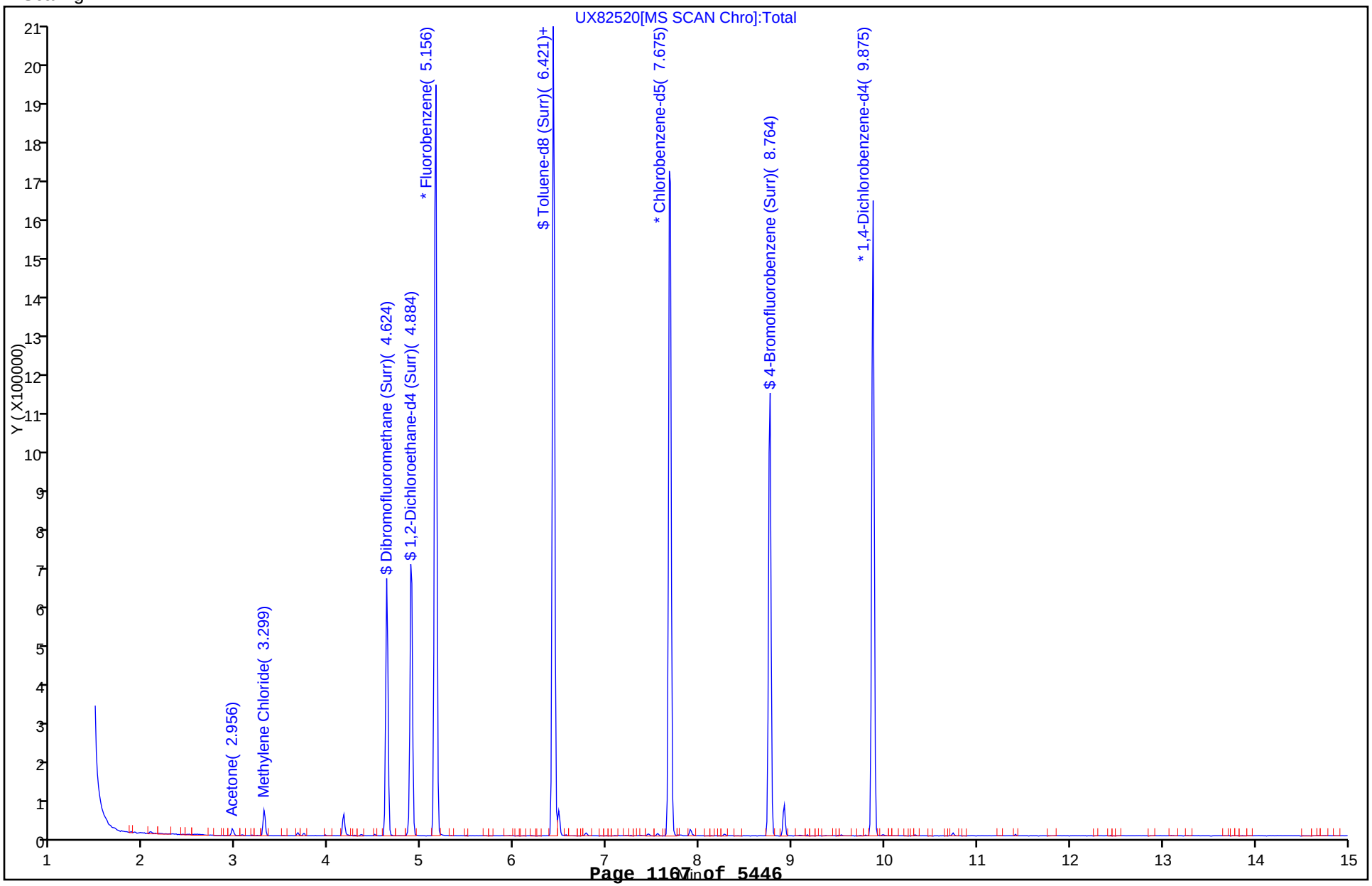
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82520.D

Injection Date:	16-Dec-2012 03:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	29
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



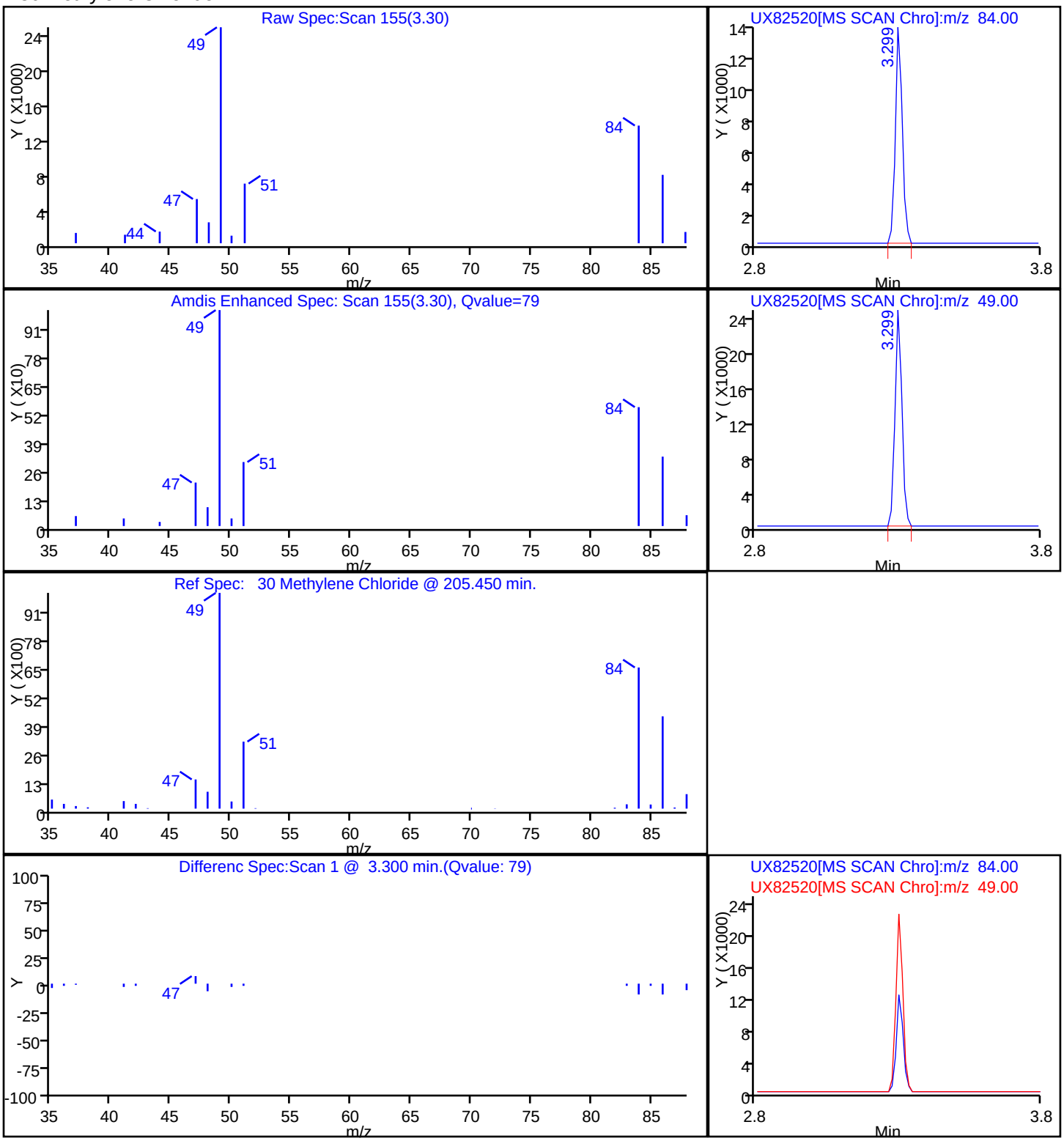
Report Date: 19-Dec-2012 02:39:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82520.D

Injection Date:	16-Dec-2012 03:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	29
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

30 Methylene Chloride



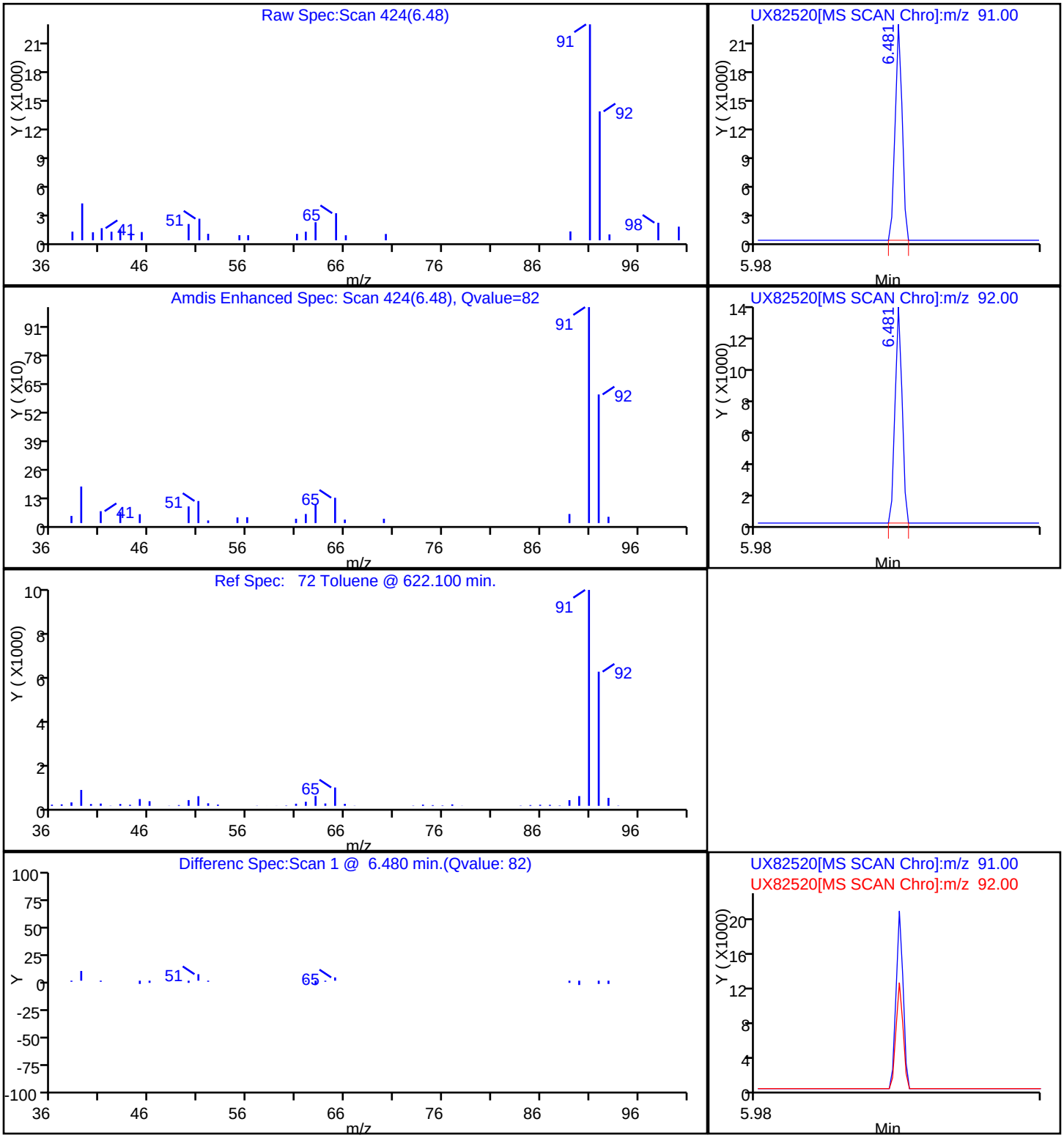
Report Date: 19-Dec-2012 02:39:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82520.D

Injection Date:	16-Dec-2012 03:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	29
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0116-0001-TB | Lab Sample ID: 240-18544-35

Matrix: Water | Lab File ID: UXJ8983.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/12/2012 18:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68395 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.25	U	1.0	0.25	0.22
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.25	0.18
79-00-5	1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.27
75-34-3	1,1-Dichloroethane	0.25	U	1.0	0.25	0.15
75-35-4	1,1-Dichloroethene	0.25	U	1.0	0.25	0.19
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25	0.22
540-59-0	1,2-Dichloroethene, Total	0.50	U	2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25	0.18
78-93-3	2-Butanone (MEK)	0.57	U	10	0.57	0.57
591-78-6	2-Hexanone	0.50	U	10	0.50	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.50	0.32
67-64-1	Acetone	1.3	J	10	1.1	1.1
71-43-2	Benzene	0.25	U	1.0	0.25	0.13
75-25-2	Bromoform	0.64	U	1.0	0.64	0.64
74-83-9	Bromomethane	0.50	U	1.0	0.50	0.41
75-15-0	Carbon disulfide	0.25	U	1.0	0.25	0.13
56-23-5	Carbon tetrachloride	0.25	U	1.0	0.25	0.13
108-90-7	Chlorobenzene	0.25	U	1.0	0.25	0.15
74-87-3	Chloromethane	0.50	U	1.0	0.50	0.30
10061-01-5	cis-1,3-Dichloropropene	0.25	U	1.0	0.25	0.14
124-48-1	Dibromochloromethane	0.25	U	1.0	0.25	0.18
75-27-4	Bromodichloromethane	0.25	U	1.0	0.25	0.15
100-41-4	Ethylbenzene	0.25	U	1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	0.25	U	1.0	0.25	0.17
75-09-2	Methylene Chloride	0.50	U	1.0	0.50	0.33
100-42-5	Styrene	0.25	U	1.0	0.25	0.11
127-18-4	Tetrachloroethene	0.50	U	1.0	0.50	0.29
108-88-3	Toluene	0.25	U	1.0	0.25	0.13
10061-02-6	trans-1,3-Dichloropropene	0.25	U	1.0	0.25	0.19
79-01-6	Trichloroethene	0.25	U	1.0	0.25	0.17
75-01-4	Vinyl chloride	0.25	U	1.0	0.25	0.22
1330-20-7	Xylenes, Total	0.75	U	2.0	0.75	0.28
67-66-3	Chloroform	0.25	U	1.0	0.25	0.16
74-97-5	Bromochloromethane	0.50	U	1.0	0.50	0.29
106-93-4	1,2-Dibromoethane	0.25	U	1.0	0.25	0.24
75-00-3	Chloroethane	0.50	U	1.0	0.50	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0116-0001-TB Lab Sample ID: 240-18544-35

Matrix: Water Lab File ID: UXJ8983.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/12/2012 18:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68395 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	100		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-120
460-00-4	4-Bromofluorobenzene (Surr)	103		75-120
1868-53-7	Dibromofluoromethane (Surr)	88		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8983.D
Lims ID: 240-18544-A-35 Client ID: 076SB-0116-0001-TB
Inject. Date: 12-Dec-2012 18:11:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015761-017
Misc. Info.: J21212A,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 18
Lims Batch ID: 68395 Lims Sample ID: 17
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\8260_11.m
Last Update: 13-Dec-2012 08:28:24 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: evansle Date: 13-Dec-2012 08:13:07

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1214561	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	84	691069	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	94	220290	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	93	244592	7.36	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	92	298201	7.74	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	83	984587	8.32	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	89	203968	8.62	
9 Chloromethane	50		1.696					
10 Vinyl chloride	62		1.790					
11 Bromomethane	94		2.074					
12 Chloroethane	64		2.157					
17 Acetone	43	2.772	2.772	0.0	81	22145	1.30	
19 1,1-Dichloroethene	96		2.784					
23 Carbon disulfide	76		2.973					9
26 Methylene Chloride	84		3.163					9
30 Methyl tert-butyl ether	73		3.364					
29 trans-1,2-Dichloroethene	96		3.364					
32 1,1-Dichloroethane	63		3.695					
40 cis-1,2-Dichloroethene	96		4.169					
38 2-Butanone (MEK)	43		4.169					
43 Chlorobromomethane	128		4.358					
45 Chloroform	83		4.417					9
46 1,1,1-Trichloroethane	97		4.595					
49 Carbon tetrachloride	117		4.737					
52 Benzene	78		4.902					9
51 1,2-Dichloroethane	62		4.902					
56 Trichloroethene	130		5.435					
59 1,2-Dichloropropane	63		5.612					
63 Dichlorobromomethane	83		5.837					
66 cis-1,3-Dichloropropene	75		6.228					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
67 4-Methyl-2-pentanone (MIBK)	43		6.358					
68 Toluene	91		6.535					9
69 trans-1,3-Dichloropropene	75		6.713					
71 1,1,2-Trichloroethane	97		6.878					
72 Tetrachloroethene	164		7.032					
74 2-Hexanone	43		7.091					
76 Chlorodibromomethane	129		7.245					
77 Ethylene Dibromide	107		7.352					
79 Chlorobenzene	112		7.813					
81 Ethylbenzene	106		7.908					
82 m-Xylene & p-Xylene	106		8.014					
83 o-Xylene	106		8.393					
84 Styrene	104		8.405					
85 Bromoform	173		8.582					
88 1,1,2,2-Tetrachloroethane	83		9.020					
S 112 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

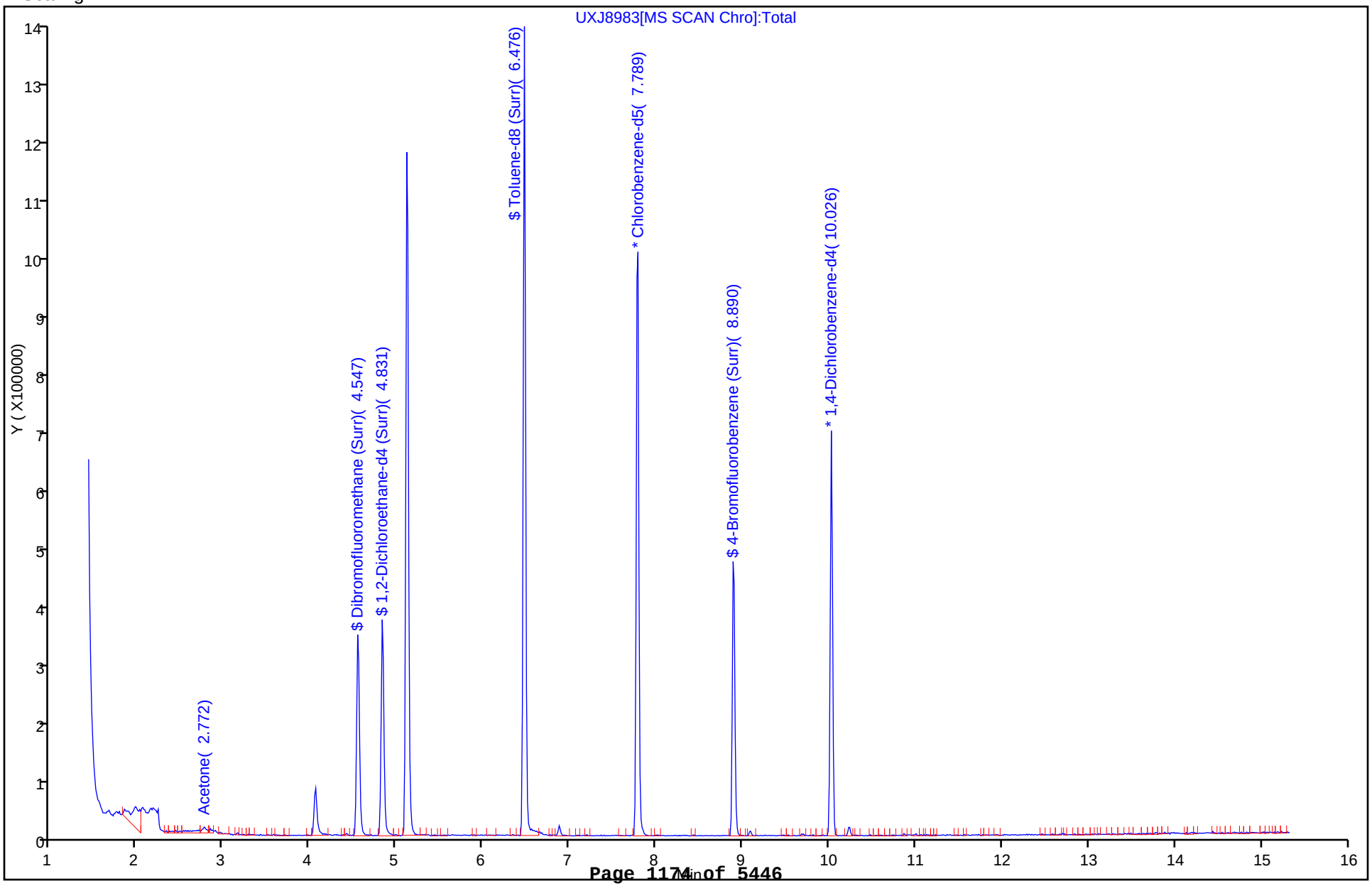
Report Date: 13-Dec-2012 08:28:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8983.D

Injection Date:	12-Dec-2012 18:11:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0116-0001-TB	Instrument ID:	A3UX11
Lims Batch ID:	68395	Lims Sample ID:	17
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



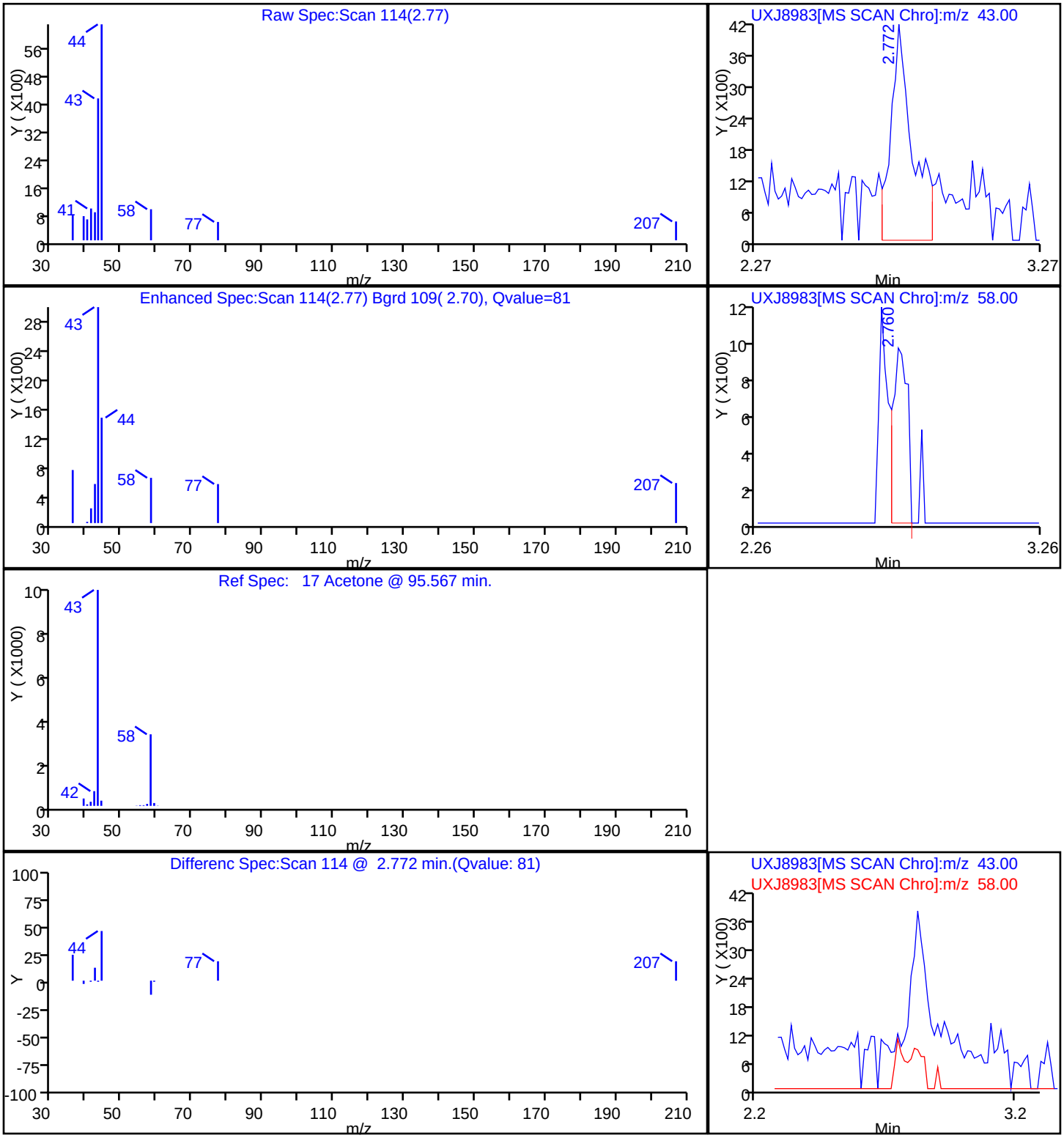
Report Date: 13-Dec-2012 08:28:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8983.D

Injection Date:	12-Dec-2012 18:11:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0116-0001-TB	Instrument ID:	A3UX11
Lims Batch ID:	68395	Lims Sample ID:	17
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

17 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0117-0001-TB | Lab Sample ID: 240-18544-36

Matrix: Water | Lab File ID: UXJ8984.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/12/2012 18:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68395 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.25	U	1.0	0.25	0.22
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.25	0.18
79-00-5	1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.27
75-34-3	1,1-Dichloroethane	0.25	U	1.0	0.25	0.15
75-35-4	1,1-Dichloroethene	0.25	U	1.0	0.25	0.19
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25	0.22
540-59-0	1,2-Dichloroethene, Total	0.50	U	2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25	0.18
78-93-3	2-Butanone (MEK)	0.57	U	10	0.57	0.57
591-78-6	2-Hexanone	0.50	U	10	0.50	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.50	0.32
67-64-1	Acetone	1.1	U	10	1.1	1.1
71-43-2	Benzene	0.25	U	1.0	0.25	0.13
75-25-2	Bromoform	0.64	U	1.0	0.64	0.64
74-83-9	Bromomethane	0.50	U	1.0	0.50	0.41
75-15-0	Carbon disulfide	0.25	U	1.0	0.25	0.13
56-23-5	Carbon tetrachloride	0.25	U	1.0	0.25	0.13
108-90-7	Chlorobenzene	0.25	U	1.0	0.25	0.15
74-87-3	Chloromethane	0.50	U	1.0	0.50	0.30
10061-01-5	cis-1,3-Dichloropropene	0.25	U	1.0	0.25	0.14
124-48-1	Dibromochloromethane	0.25	U	1.0	0.25	0.18
75-27-4	Bromodichloromethane	0.25	U	1.0	0.25	0.15
100-41-4	Ethylbenzene	0.25	U	1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	0.25	U	1.0	0.25	0.17
75-09-2	Methylene Chloride	0.50	U	1.0	0.50	0.33
100-42-5	Styrene	0.25	U	1.0	0.25	0.11
127-18-4	Tetrachloroethene	0.50	U	1.0	0.50	0.29
108-88-3	Toluene	0.25	U	1.0	0.25	0.13
10061-02-6	trans-1,3-Dichloropropene	0.25	U	1.0	0.25	0.19
79-01-6	Trichloroethene	0.25	U	1.0	0.25	0.17
75-01-4	Vinyl chloride	0.25	U	1.0	0.25	0.22
1330-20-7	Xylenes, Total	0.75	U	2.0	0.75	0.28
67-66-3	Chloroform	0.25	U	1.0	0.25	0.16
74-97-5	Bromochloromethane	0.50	U	1.0	0.50	0.29
106-93-4	1,2-Dibromoethane	0.25	U	1.0	0.25	0.24
75-00-3	Chloroethane	0.50	U	1.0	0.50	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0117-0001-TB Lab Sample ID: 240-18544-36

Matrix: Water Lab File ID: UXJ8984.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/12/2012 18:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68395 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	97		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-120
460-00-4	4-Bromofluorobenzene (Surr)	104		75-120
1868-53-7	Dibromofluoromethane (Surr)	89		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8984.D
Lims ID: 240-18544-B-36 Client ID: 076SB-0117-0001-TB
Inject. Date: 12-Dec-2012 18:34:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015761-018
Misc. Info.: J21212A,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 19
Lims Batch ID: 68395 Lims Sample ID: 18
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\8260_11.m
Last Update: 13-Dec-2012 08:28:24 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: evansle Date: 13-Dec-2012 08:13:27

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1196175	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	83	702535	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	95	225721	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	97	243214	7.43	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	92	293792	7.74	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	83	972200	8.08	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	89	208643	8.67	
9 Chloromethane	50		1.696					
10 Vinyl chloride	62		1.790					
11 Bromomethane	94		2.074					
12 Chloroethane	64		2.157					
17 Acetone	43	2.784	2.772	0.012	80	16353	0.5377	
19 1,1-Dichloroethene	96		2.784					
23 Carbon disulfide	76		2.973					
26 Methylene Chloride	84		3.163					9
30 Methyl tert-butyl ether	73		3.364					
29 trans-1,2-Dichloroethene	96		3.364					
32 1,1-Dichloroethane	63		3.695					
40 cis-1,2-Dichloroethene	96		4.169					
38 2-Butanone (MEK)	43		4.169					
43 Chlorobromomethane	128		4.358					
45 Chloroform	83		4.417					9
46 1,1,1-Trichloroethane	97		4.595					
49 Carbon tetrachloride	117		4.737					
52 Benzene	78		4.902					9
51 1,2-Dichloroethane	62		4.902					
56 Trichloroethene	130		5.435					
59 1,2-Dichloropropane	63		5.612					
63 Dichlorobromomethane	83		5.837					
66 cis-1,3-Dichloropropene	75		6.228					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
67 4-Methyl-2-pentanone (MIBK)	43		6.358					
68 Toluene	91		6.535					9
69 trans-1,3-Dichloropropene	75		6.713					
71 1,1,2-Trichloroethane	97		6.878					
72 Tetrachloroethene	164		7.032					
74 2-Hexanone	43		7.091					
76 Chlorodibromomethane	129		7.245					
77 Ethylene Dibromide	107		7.352					
79 Chlorobenzene	112		7.813					
81 Ethylbenzene	106		7.908					
82 m-Xylene & p-Xylene	106		8.014					
83 o-Xylene	106		8.393					
84 Styrene	104		8.405					
85 Bromoform	173		8.582					
88 1,1,2,2-Tetrachloroethane	83		9.020					
S 112 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

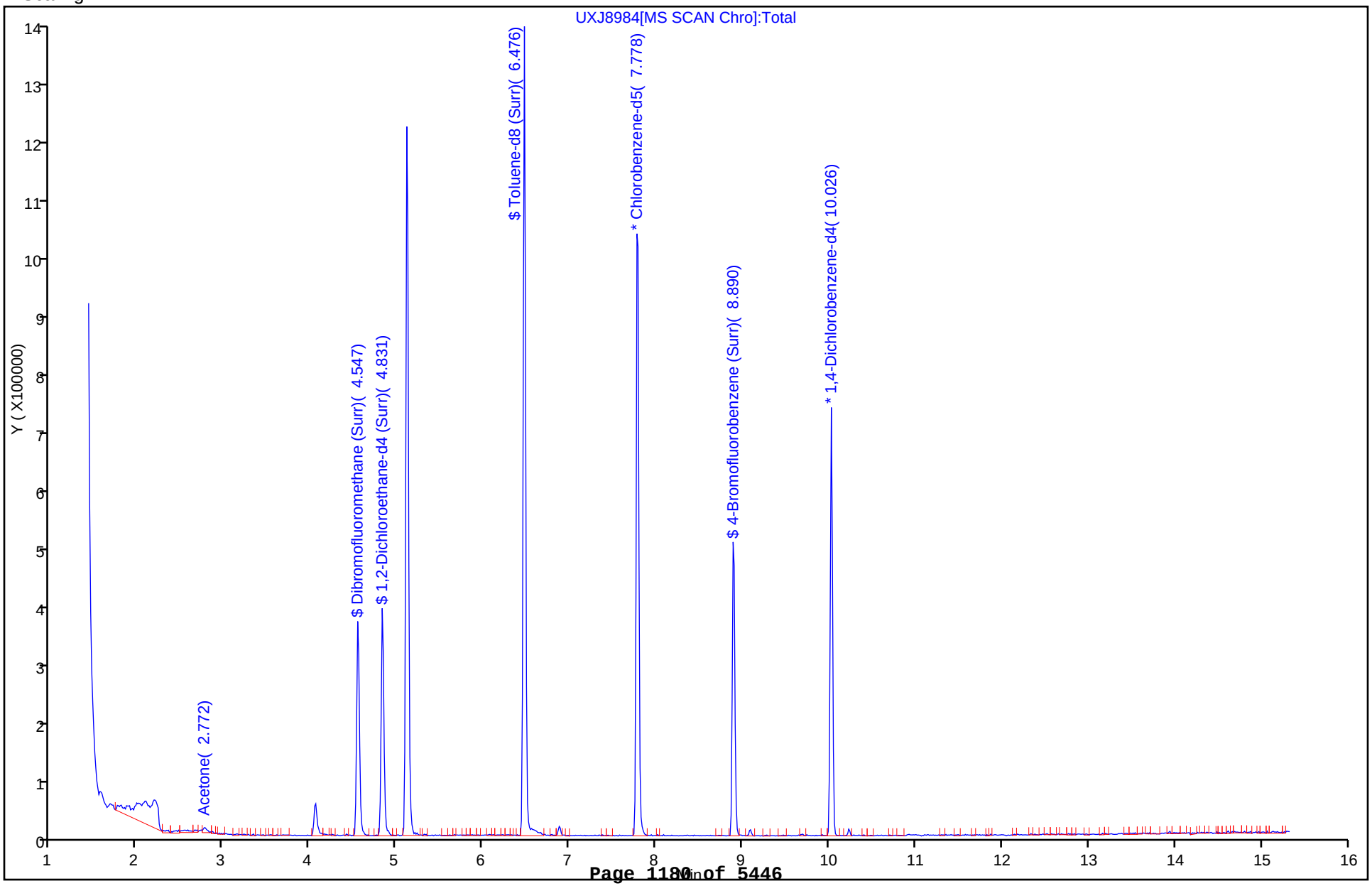
Report Date: 13-Dec-2012 08:28:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8984.D

Injection Date:	12-Dec-2012 18:34:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0117-0001-TB	Instrument ID:	A3UX11
Lims Batch ID:	68395	Lims Sample ID:	18
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0118-0001-TB | Lab Sample ID: 240-18544-37

Matrix: Water | Lab File ID: UXJ8985.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/12/2012 18:56

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68395 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.25	U	1.0	0.25	0.22
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.25	0.18
79-00-5	1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.27
75-34-3	1,1-Dichloroethane	0.25	U	1.0	0.25	0.15
75-35-4	1,1-Dichloroethene	0.25	U	1.0	0.25	0.19
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25	0.22
540-59-0	1,2-Dichloroethene, Total	0.50	U	2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25	0.18
78-93-3	2-Butanone (MEK)	0.57	U	10	0.57	0.57
591-78-6	2-Hexanone	0.50	U	10	0.50	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.50	0.32
67-64-1	Acetone	1.1	U	10	1.1	1.1
71-43-2	Benzene	0.25	U	1.0	0.25	0.13
75-25-2	Bromoform	0.64	U	1.0	0.64	0.64
74-83-9	Bromomethane	0.50	U	1.0	0.50	0.41
75-15-0	Carbon disulfide	0.25	U	1.0	0.25	0.13
56-23-5	Carbon tetrachloride	0.25	U	1.0	0.25	0.13
108-90-7	Chlorobenzene	0.25	U	1.0	0.25	0.15
74-87-3	Chloromethane	0.50	U	1.0	0.50	0.30
10061-01-5	cis-1,3-Dichloropropene	0.25	U	1.0	0.25	0.14
124-48-1	Dibromochloromethane	0.25	U	1.0	0.25	0.18
75-27-4	Bromodichloromethane	0.25	U	1.0	0.25	0.15
100-41-4	Ethylbenzene	0.25	U	1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	0.25	U	1.0	0.25	0.17
75-09-2	Methylene Chloride	0.50	U	1.0	0.50	0.33
100-42-5	Styrene	0.25	U	1.0	0.25	0.11
127-18-4	Tetrachloroethene	0.50	U	1.0	0.50	0.29
108-88-3	Toluene	0.25	U	1.0	0.25	0.13
10061-02-6	trans-1,3-Dichloropropene	0.25	U	1.0	0.25	0.19
79-01-6	Trichloroethene	0.25	U	1.0	0.25	0.17
75-01-4	Vinyl chloride	0.25	U	1.0	0.25	0.22
1330-20-7	Xylenes, Total	0.75	U	2.0	0.75	0.28
67-66-3	Chloroform	0.25	U	1.0	0.25	0.16
74-97-5	Bromochloromethane	0.50	U	1.0	0.50	0.29
106-93-4	1,2-Dibromoethane	0.25	U	1.0	0.25	0.24
75-00-3	Chloroethane	0.50	U	1.0	0.50	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0118-0001-TB Lab Sample ID: 240-18544-37

Matrix: Water Lab File ID: UXJ8985.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/12/2012 18:56

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68395 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	95		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-120
460-00-4	4-Bromofluorobenzene (Surr)	103		75-120
1868-53-7	Dibromofluoromethane (Surr)	89		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8985.D
Lims ID: 240-18544-A-37 Client ID: 076SB-0118-0001-TB
Inject. Date: 12-Dec-2012 18:56:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015761-019
Misc. Info.: J21212A,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 20
Lims Batch ID: 68395 Lims Sample ID: 19
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\8260_11.m
Last Update: 13-Dec-2012 08:28:24 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: evansle Date: 13-Dec-2012 08:13:48

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1185463	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	84	708613	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	96	216990	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	94	241862	7.45	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	89	297938	7.92	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	84	963825	7.94	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	90	207495	8.55	
9 Chloromethane	50		1.696					
10 Vinyl chloride	62		1.790					
11 Bromomethane	94		2.074					
12 Chloroethane	64		2.157					
17 Acetone	43		2.772					
19 1,1-Dichloroethene	96		2.784					
23 Carbon disulfide	76		2.973					
26 Methylene Chloride	84		3.163					9
30 Methyl tert-butyl ether	73		3.364					
29 trans-1,2-Dichloroethene	96		3.364					
32 1,1-Dichloroethane	63		3.695					
40 cis-1,2-Dichloroethene	96		4.169					
38 2-Butanone (MEK)	43		4.169					
43 Chlorobromomethane	128		4.358					
45 Chloroform	83		4.417					9
46 1,1,1-Trichloroethane	97		4.595					
49 Carbon tetrachloride	117		4.737					
52 Benzene	78		4.902					9
51 1,2-Dichloroethane	62		4.902					
56 Trichloroethene	130		5.435					
59 1,2-Dichloropropane	63		5.612					
63 Dichlorobromomethane	83		5.837					
66 cis-1,3-Dichloropropene	75		6.228					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
67 4-Methyl-2-pentanone (MIBK)	43		6.358					
68 Toluene	91		6.535					9
69 trans-1,3-Dichloropropene	75		6.713					
71 1,1,2-Trichloroethane	97		6.878					
72 Tetrachloroethene	164		7.032					
74 2-Hexanone	43		7.091					
76 Chlorodibromomethane	129		7.245					
77 Ethylene Dibromide	107		7.352					
79 Chlorobenzene	112		7.813					
81 Ethylbenzene	106		7.908					
82 m-Xylene & p-Xylene	106		8.014					
83 o-Xylene	106		8.393					
84 Styrene	104		8.405					
85 Bromoform	173		8.582					
88 1,1,2,2-Tetrachloroethane	83		9.020					
S 112 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

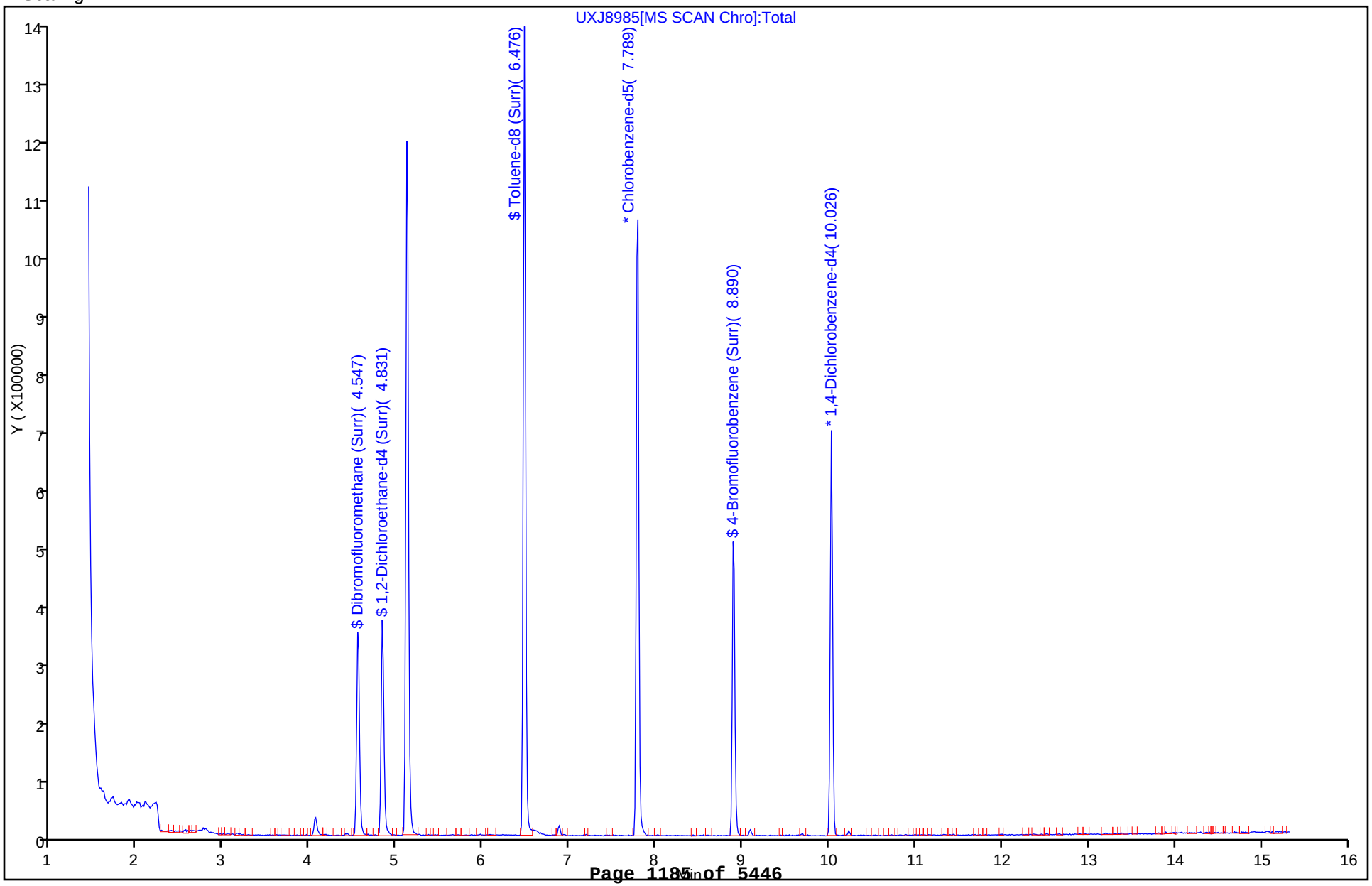
Report Date: 13-Dec-2012 08:28:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8985.D

Injection Date:	12-Dec-2012 18:56:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0118-0001-TB	Instrument ID:	A3UX11
Lims Batch ID:	68395	Lims Sample ID:	19
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68124

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 11:39 Calibration End Date: 12/11/2012 13:32 Calibration ID: 12758

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-68124/7	UXJ8940.D
Level 2	STD8260 240-68124/6	UXJ8939.D
Level 3	STD8260 240-68124/5	UXJ8938.D
Level 4	STD8260 240-68124/4	UXJ8937.D
Level 5	STD8260 240-68124/3	UXJ8936.D
Level 6	STD8260 240-68124/2	UXJ8935.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2133 0.1825	0.2178	0.1848	0.2130	0.1835	Ave		0.1992			0.1000	8.6		15.0			
Chloromethane	0.1692 0.1817	0.1741	0.1851	0.1741	0.1813	Ave		0.1776			0.1000	3.4		15.0			
Vinyl chloride	0.1784 0.1867	0.1829	0.1813	0.1921	0.1875	Ave		0.1848			0.1000	2.7		15.0			
Bromomethane	0.0824 0.0875	0.0888	0.0896	0.0875	0.0872	Ave		0.0872			0.0500	2.9		15.0			
Chloroethane	0.0979 0.1014	0.1066	0.1059	0.1016	0.1034	Ave		0.1028				3.1		15.0			
Trichlorofluoromethane	0.2053 0.2312	0.2080	0.1924	0.2212	0.2150	Ave		0.2122			0.1000	6.3		15.0			
Acrolein	0.0281 0.0252	0.0305	0.0270	0.0271	0.0277	Ave		0.0276				6.4		15.0			
Acetone	0.1586 0.0494	0.0835	0.0613	0.0591	0.0589	Qua	0.1043	0.0604	0		0.0500				0.9970		0.9900
1,1-Dichloroethene	0.1827 0.1827	0.1785	0.1724	0.1753	0.1723	Ave		0.1773			0.1000	2.7		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1320 0.1244	0.1311	0.1099	0.1310	0.1180	Ave		0.1244			0.0500	7.2		15.0			
Iodomethane	0.1850 0.2198	0.1999	0.2186	0.2129	0.2200	Ave		0.2094				6.8		15.0			
Carbon disulfide	0.4159 0.4393	0.4363	0.4445	0.4435	0.4505	Ave		0.4383			0.1000	2.7		15.0			
Acetonitrile	0.0199 0.0150	0.0199	0.0176	0.0167	0.0170	Ave		0.0177				11.0		15.0			
Methyl acetate	0.1568 0.1403	0.1836	0.1633	0.1534	0.1540	Ave		0.1586			0.1000	9.1		15.0			
Methylene Chloride	0.2499 0.1736	0.2104	0.1993	0.1756	0.1768	Ave		0.1976			0.1000	15.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68124

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 11:39 Calibration End Date: 12/11/2012 13:32 Calibration ID: 12758

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-2-propanol	0.0133 0.0119	0.0141	0.0139	0.0136	0.0138	Ave		0.0134				5.9		15.0			
Acrylonitrile	0.0757 0.0676	0.0795	0.0763	0.0726	0.0749	Ave		0.0744				5.4		15.0			
Methyl tert-butyl ether	0.7398 0.7553	0.7827	0.7838	0.7485	0.7707	Ave		0.7635			0.1000	2.4		15.0			
trans-1,2-Dichloroethene	0.2682 0.2694	0.2811	0.2740	0.2650	0.2728	Ave		0.2717			0.1000	2.1		15.0			
Hexane	0.0719 0.0609	0.0667	0.0541	0.0705	0.0550	Ave		0.0632				12.0		15.0			
1,1-Dichloroethane	0.4227 0.4463	0.4521	0.4541	0.4368	0.4501	Ave		0.4437			0.1000	2.7		15.0			
Vinyl acetate	0.0466 0.0546	0.0574	0.0559	0.0562	0.0583	Ave		0.0548				7.7		15.0			
2-Butanone (MEK)	0.0846 0.0725	0.0955	0.0880	0.0797	0.0824	Ave		0.0838			0.0500	9.3		15.0			
cis-1,2-Dichloroethene	0.3182 0.3198	0.3125	0.3303	0.3119	0.3180	Ave		0.3185			0.1000	2.1		15.0			
2,2-Dichloropropane	0.1865 0.1664	0.1911	0.1841	0.1804	0.1864	Ave		0.1825				4.7		15.0			
Bromochloromethane	0.1550 0.1610	0.1565	0.1657	0.1569	0.1597	Ave		0.1591				2.5		15.0			
Tetrahydrofuran	0.0555 0.0483	0.0624	0.0599	0.0547	0.0525	Ave		0.0555				9.1		15.0			
Chloroform	0.4908 0.5099	0.4943	0.5187	0.4894	0.5059	Ave		0.5015				2.4		15.0			
1,1,1-Trichloroethane	0.2922 0.2603	0.2861	0.2813	0.2743	0.2813	Ave		0.2792			0.1000	3.9		15.0			
Cyclohexane	0.2954 0.2840	0.3090	0.2687	0.3112	0.2794	Ave		0.2913			0.1000	5.8		15.0			
1,1-Dichloropropene	0.3917 0.3925	0.3937	0.3886	0.3835	0.3850	Ave		0.3892				1.1		15.0			
Carbon tetrachloride	0.2682 0.2584	0.2769	0.2662	0.2709	0.2737	Ave		0.2691			0.1000	2.4		15.0			
1,2-Dichloroethane	0.3926 0.3836	0.3720	0.3912	0.3734	0.3810	Ave		0.3823			0.1000	2.3		15.0			
Benzene	1.1528 1.1761	1.1567	1.2039	1.1213	1.1487	Ave		1.1599			0.5000	2.4		15.0			
Trichloroethene	0.3311 0.3353	0.3301	0.3367	0.3270	0.3307	Ave		0.3318			0.2000	1.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68124

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 11:39 Calibration End Date: 12/11/2012 13:32 Calibration ID: 12758

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloropropane	0.2285 0.2605	0.2532	0.2602	0.2553	0.2592	Ave		0.2528			0.1000	4.9		15.0			
Methylcyclohexane	0.3770 0.3251	0.3761	0.3115	0.3721	0.3155	Ave		0.3462			0.1000	9.2		15.0			
1,4-Dioxane	0.0016 0.0015	0.0018	0.0019	0.0018	0.0018	Ave		0.0017				8.6		15.0			
Dibromomethane	0.1427 0.1527	0.1486	0.1519	0.1536	0.1539	Ave		0.1506				2.8		15.0			
Bromodichloromethane	0.3322 0.3727	0.3342	0.3639	0.3483	0.3657	Ave		0.3528			0.1000	4.9		15.0			
2-Chloroethyl vinyl ether	0.1474 0.1409	0.1431	0.1511	0.1460	0.1517	Ave		0.1467				2.9		15.0			
cis-1,3-Dichloropropene	0.4017 0.4455	0.4130	0.4330	0.4180	0.4400	Ave		0.4252			0.1500	4.0		15.0			
4-Methyl-2-pentanone (MIBK)	0.1777 0.1449	0.1764	0.1713	0.1645	0.1705	Ave		0.1676			0.0500	7.2		15.0			
Toluene	1.9809 2.1456	2.0551	2.0893	1.9889	2.0336	Ave		2.0489			0.4000	3.0		15.0			
trans-1,3-Dichloropropene	0.5617 0.6253	0.5709	0.5938	0.5808	0.6031	Ave		0.5893			0.1000	3.9		15.0			
Ethyl methacrylate	0.4437 0.4799	0.4635	0.4883	0.4828	0.4921	Ave		0.4750				3.8		15.0			
1,1,2-Trichloroethane	0.3428 0.3508	0.3576	0.3601	0.3414	0.3420	Ave		0.3491			0.1000	2.4		15.0			
1,3-Dichloropropane	0.5823 0.6073	0.6065	0.6247	0.5816	0.6015	Ave		0.6006				2.7		15.0			
Tetrachloroethene	0.4141 0.4285	0.4172	0.4262	0.4082	0.4134	Ave		0.4179			0.2000	1.9		15.0			
2-Hexanone	0.1743 0.1397	0.1679	0.1645	0.1589	0.1622	Ave		0.1613			0.0500	7.3		15.0			
Dibromochloromethane	0.3515 0.4127	0.3724	0.3857	0.3820	0.4028	Ave		0.3845				5.7		15.0			
1,2-Dibromoethane	0.3114 0.3270	0.3218	0.3409	0.3161	0.3263	Ave		0.3239				3.2		15.0			
Chlorobenzene	1.0372 1.0720	1.0820	1.0961	1.0414	1.0643	Ave		1.0655			0.3000	2.2		15.0			
1,1,1,2-Tetrachloroethane	0.3700 0.3954	0.3864	0.4025	0.3784	0.3858	Ave		0.3864				3.0		15.0			
Ethylbenzene	0.5746 0.5814	0.5870	0.5992	0.5686	0.5761	Ave		0.5811				1.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68124

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 11:39 Calibration End Date: 12/11/2012 13:32 Calibration ID: 12758

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
m-Xylene & p-Xylene	0.6476 0.6834	0.6794	0.6953	0.6666	0.6808	Ave		0.6755				2.4		15.0			
o-Xylene	0.5815 0.5956	0.5956	0.6212	0.5857	0.5938	Ave		0.5956				2.3		15.0			
Styrene	0.8839 0.9866	0.9235	0.9993	0.9379	0.9778	Ave		0.9515			0.3000	4.6		15.0			
Bromoform	0.1418 0.1812	0.1629	0.1700	0.1792	0.1773	Ave		0.1687			0.1000	8.8		15.0			
Isopropylbenzene	1.3179 1.3329	1.3859	1.3686	1.3011	1.3289	Ave		1.3392			0.1000	2.4		15.0			
1,1,2,2-Tetrachloroethane	0.6150 0.5486	0.6752	0.6064	0.6149	0.5928	Ave		0.6088			0.3000	6.7		15.0			
Bromobenzene	0.9158 0.8826	0.9320	0.9506	0.9118	0.9010	Ave		0.9156				2.6		15.0			
1,2,3-Trichloropropane	0.2372 0.1991	0.2239	0.2155	0.2229	0.2134	Ave		0.2187				5.8		15.0			
trans-1,4-Dichloro-2-butene	0.0976 0.1030	0.1007	0.1197	0.1106	0.1113	Ave		0.1072				7.7		15.0			
N-Propylbenzene	0.7823 0.7953	0.7707	0.8322	0.8322	0.8204	Ave		0.8055				3.3		15.0			
2-Chlorotoluene	0.7045 0.7006	0.7535	0.7581	0.7183	0.7164	Ave		0.7252				3.4		15.0			
1,3,5-Trimethylbenzene	2.2260 2.3178	2.3054	2.3077	2.3450	2.3146	Ave		2.3028				1.7		15.0			
4-Chlorotoluene	0.6931 0.7581	0.7467	0.7815	0.7605	0.7612	Ave		0.7502				4.0		15.0			
tert-Butylbenzene	1.8457 1.9993	1.9886	2.0192	1.9704	2.0019	Ave		1.9709				3.2		15.0			
1,2,4-Trimethylbenzene	2.3957 2.4667	2.3403	2.3920	2.3622	2.3882	Ave		2.3908				1.8		15.0			
sec-Butylbenzene	2.5691 2.7109	2.6037	2.5810	2.5696	2.5957	Ave		2.6050				2.1		15.0			
1,3-Dichlorobenzene	1.4847 1.5367	1.5719	1.5575	1.5210	1.5286	Ave		1.5334			0.6000	2.0		15.0			
4-Isopropyltoluene	2.1544 2.4326	2.3075	2.3082	2.2767	2.3246	Ave		2.3007				3.9		15.0			
1,4-Dichlorobenzene	1.6551 1.6051	1.5958	1.6415	1.6354	1.5835	Ave		1.6194			0.5000	1.8		15.0			
n-Butylbenzene	1.9622 2.0493	1.8591	1.9558	1.8796	1.9336	Ave		1.9399				3.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68124

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 11:39 Calibration End Date: 12/11/2012 13:32 Calibration ID: 12758

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.5717 1.4391	1.5278	1.5608	1.5191	1.4878	Ave		1.5177			0.4000	3.2		15.0			
1,2-Dibromo-3-Chloropropane	0.1169 0.0996	0.1319	0.1328	0.1359	0.1257	Ave		0.1238			0.0500	11.0		15.0			
1,3,5-Trichlorobenzene	1.0876 0.8922	1.0734	1.0946	1.0272	0.9471	Ave		1.0204				8.2		15.0			
1,2,4-Trichlorobenzene	0.9017 0.5927	0.9017	0.9031	0.8515	0.6674	Qua	0.4747	0.7741	-0.005		0.2000				0.9970		0.9900
Hexachlorobutadiene	0.5712 0.3705	0.5411	0.5322	0.4840	0.4115	Qua	0.2616	0.4568	-0.002						0.9990		0.9900
Naphthalene	2.0111 0.8774	2.0247	1.9617	1.7915	1.3255	Qua	0.8007	1.8250	-0.024						0.9960		0.9900
1,2,3-Trichlorobenzene	0.7901 0.3247	0.7974	0.7366	0.6513	0.4284	Ave		0.6214				32.0	*	15.0			
Dibromofluoromethane (Surr)	0.2826 0.2712	0.2634	0.2816	0.2646	0.2789	Ave		0.2737				3.1		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3278 0.3221	0.3064	0.3200	0.3163	0.3114	Ave		0.3174				2.4		15.0			
Toluene-d8 (Surr)	1.7223 1.7831	1.6356	1.7605	1.6689	1.7083	Ave		1.7131				3.2		15.0			
4-Bromofluorobenzene (Surr)	0.3588 0.3456	0.3313	0.3511	0.3294	0.3387	Ave		0.3425				3.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68124

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 11:39 Calibration End Date: 12/11/2012 13:32 Calibration ID: 12758

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-68124/7	UXJ8940.D
Level 2	STD8260 240-68124/6	UXJ8939.D
Level 3	STD8260 240-68124/5	UXJ8938.D
Level 4	STD8260 240-68124/4	UXJ8937.D
Level 5	STD8260 240-68124/3	UXJ8936.D
Level 6	STD8260 240-68124/2	UXJ8935.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	27698 944750	55293	119100	275284	469788	1.00 40.0	2.00	5.00	10.0	20.0
Chloromethane	FB	Ave	21972 940794	44195	119311	224951	464018	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl chloride	FB	Ave	23163 966544	46438	116899	248166	480022	1.00 40.0	2.00	5.00	10.0	20.0
Bromomethane	FB	Ave	10705 453177	22552	57772	113073	223167	1.00 40.0	2.00	5.00	10.0	20.0
Chloroethane	FB	Ave	12717 525097	27070	68269	131273	264536	1.00 40.0	2.00	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	26664 1196869	52804	124005	285766	550388	1.00 40.0	2.00	5.00	10.0	20.0
Acrolein	FB	Ave	36531 1303433	77482	173741	350088	709339	10.0 400	20.0	50.0	100	200
Acetone	FB	Qua	41201 511553	42418	78994	152823	301524	2.00 80.0	4.00	10.0	20.0	40.0
1,1-Dichloroethene	FB	Ave	23725 945933	45323	111128	226500	440963	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	17145 644139	33283	70861	169283	302030	1.00 40.0	2.00	5.00	10.0	20.0
Iodomethane	FB	Ave	24025 1137945	50747	140909	275050	563031	1.00 40.0	2.00	5.00	10.0	20.0
Carbon disulfide	FB	Ave	54003 2274623	110755	286516	573023	1153129	1.00 40.0	2.00	5.00	10.0	20.0
Acetonitrile	FB	Ave	25814 777912	50458	113479	215338	434169	10.0 400	20.0	50.0	100	200
Methyl acetate	FB	Ave	40723 1452703	93237	210523	396450	788333	2.00 80.0	4.00	10.0	20.0	40.0
Methylene Chloride	FB	Ave	32456 898796	53423	128446	226873	452550	1.00 40.0	2.00	5.00	10.0	20.0
2-Methyl-2-propanol	FB	Ave	34580 1234882	71523	179607	352647	703907	20.0 800	40.0	100	200	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68124

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 11:39 Calibration End Date: 12/11/2012 13:32 Calibration ID: 12758

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	FB	Ave	19666 699827	40373	98407	187655	383350	2.00 80.0	4.00	10.0	20.0	40.0
Methyl tert-butyl ether	FB	Ave	96064 3910966	198704	505214	967207	1972793	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	34828 1394674	71365	176614	342399	698321	1.00 40.0	2.00	5.00	10.0	20.0
Hexane	FB	Ave	9331 315452	16938	34844	91069	140746	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloroethane	FB	Ave	54891 2310850	114784	292701	564434	1152155	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl acetate	FB	Ave	6056 282483	14572	36050	72593	149194	1.00 40.0	2.00	5.00	10.0	20.0
2-Butanone (MEK)	FB	Ave	21979 750843	48511	113395	205935	421858	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	41322 1655872	79345	212890	403027	814051	1.00 40.0	2.00	5.00	10.0	20.0
2,2-Dichloropropane	FB	Ave	24217 861334	48521	118656	233138	477104	1.00 40.0	2.00	5.00	10.0	20.0
Bromochloromethane	FB	Ave	20124 833781	39734	106821	202736	408822	1.00 40.0	2.00	5.00	10.0	20.0
Tetrahydrofuran	FB	Ave	7213 250319	15833	38592	70642	134256	1.00 40.0	2.00	5.00	10.0	20.0
Chloroform	FB	Ave	63733 2639917	125499	334376	632323	1294808	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	37937 1347912	72639	181297	354466	720005	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexane	FB	Ave	38358 1470666	78445	173224	402075	715079	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloropropene	FB	Ave	50867 2032504	99937	250513	495508	985400	1.00 40.0	2.00	5.00	10.0	20.0
Carbon tetrachloride	FB	Ave	34833 1337852	70301	171623	350047	700482	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane	FB	Ave	50976 1986199	94443	252174	482472	975113	1.00 40.0	2.00	5.00	10.0	20.0
Benzene	FB	Ave	149696 6089692	293657	776029	1448865	2940260	1.00 40.0	2.00	5.00	10.0	20.0
Trichloroethene	FB	Ave	43001 1735900	83806	217016	422508	846567	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloropropane	FB	Ave	29669 1348574	64280	167754	329897	663393	1.00 40.0	2.00	5.00	10.0	20.0
Methylcyclohexane	FB	Ave	48961 1683268	95487	200770	480813	807499	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68124

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 11:39 Calibration End Date: 12/11/2012 13:32 Calibration ID: 12758

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,4-Dioxane	FB	Ave	10610 386113	22497	61475	118640	226658	50.0 2000	100	250	500	1000
Dibromomethane	FB	Ave	18534 790883	37727	97902	198449	393850	1.00 40.0	2.00	5.00	10.0	20.0
Bromodichloromethane	FB	Ave	43135 1929950	84844	234594	450042	935992	1.00 40.0	2.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	38290 1459329	72636	194743	377341	776397	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	52168 2306714	104846	279084	540126	1126169	1.00 40.0	2.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	46150 1500897	89567	220855	425060	872841	2.00 80.0	4.00	10.0	20.0	40.0
Toluene	CBZ	Ave	154407 6558162	319781	823350	1583771	3231527	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Ave	43781 1911198	88836	233997	462481	958399	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Ave	34585 1466774	72125	192414	384475	782008	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	26718 1072158	55641	141913	271848	543510	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	45391 1856356	94375	246181	463108	955737	1.00 40.0	2.00	5.00	10.0	20.0
Tetrachloroethene	CBZ	Ave	32280 1309832	64917	167948	325032	656985	1.00 40.0	2.00	5.00	10.0	20.0
2-Hexanone	CBZ	Ave	27175 854189	52251	129642	253050	515526	2.00 80.0	4.00	10.0	20.0	40.0
Dibromochloromethane	CBZ	Ave	27402 1261377	57953	151992	304221	640104	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromoethane	CBZ	Ave	24273 999454	50072	134361	251740	518512	1.00 40.0	2.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	80847 3276727	168372	431968	829287	1691172	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	28838 1208433	60120	158613	301293	613016	1.00 40.0	2.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	44787 1777135	91333	236138	452766	915505	1.00 40.0	2.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	100955 4177556	211432	548042	1061638	2163754	2.00 80.0	4.00	10.0	20.0	40.0
o-Xylene	CBZ	Ave	45325 1820523	92684	244817	466406	943633	1.00 40.0	2.00	5.00	10.0	20.0
Styrene	CBZ	Ave	68898 3015729	143709	393794	746836	1553692	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68124

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 11:39 Calibration End Date: 12/11/2012 13:32 Calibration ID: 12758

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Bromoform	CBZ	Ave	11056 553809	25353	67011	142665	281675	1.00 40.0	2.00	5.00	10.0	20.0
Isopropylbenzene	CBZ	Ave	102729 4074021	215658	539337	1036036	2111751	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	17799 671467	38866	89682	176633	352342	1.00 40.0	2.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	26504 1080245	53648	140570	261893	535561	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	6865 243704	12889	31873	64028	126823	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	2825 126064	5794	17706	31775	66154	1.00 40.0	2.00	5.00	10.0	20.0
N-Propylbenzene	DCB	Ave	22641 973364	44367	123068	239039	487660	1.00 40.0	2.00	5.00	10.0	20.0
2-Chlorotoluene	DCB	Ave	20388 857500	43375	112115	206312	425826	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	64423 2836779	132710	341272	673565	1375760	1.00 40.0	2.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	20060 927797	42983	115574	218436	452462	1.00 40.0	2.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	53418 2446976	114475	298598	565973	1189919	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	69335 3018937	134721	353734	678496	1419531	1.00 40.0	2.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	74354 3317837	149880	381688	738064	1542883	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	42971 1880756	90488	230322	436886	908611	1.00 40.0	2.00	5.00	10.0	20.0
4-Isopropyltoluene	DCB	Ave	62352 2977212	132832	341342	653951	1381706	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	47900 1964446	91860	242748	469754	941209	1.00 40.0	2.00	5.00	10.0	20.0
n-Butylbenzene	DCB	Ave	56788 2508177	107017	289231	539873	1149340	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	45487 1761301	87950	230822	436342	884344	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	3382 121881	7593	19641	39049	74712	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trichlorobenzene	DCB	Ave	31477 1091999	61788	161879	295041	562927	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Qua	26096 725378	51907	133555	244577	396714	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68124

SDG No.:

Instrument ID: A3UX11 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 11:39 Calibration End Date: 12/11/2012 13:32 Calibration ID: 12758

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Qua	16532 453501	31150	78708	139013	244616	1.00 40.0	2.00	5.00	10.0	20.0
Naphthalene	DCB	Qua	58205 1073879	116549	290095	514577	787882	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	22868 397433	45902	108936	187073	254608	1.00 40.0	2.00	5.00	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	36700 1404318	66866	181492	341905	713865	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	42571 1668024	77795	206276	408681	797153	1.00 40.0	2.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	134248 5450058	254512	693793	1328915	2714574	1.00 40.0	2.00	5.00	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	27969 1056301	51550	138370	262294	538180	1.00 40.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8935.D
Lims ID: STD8260 L6 Client ID:
Inject. Date: 11-Dec-2012 11:39:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015710-002
Misc. Info.: J21211A-IC,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 68124 Lims Sample ID: 2
Sublist: chrom-8260_11*sub11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\8260_11.m
Last Update: 12-Dec-2012 09:05:48 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

First Level Reviewer: evansle Date: 11-Dec-2012 12:10:45

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1294449	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	84	764135	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	72	305974	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	92	1404318	39.6	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	87	1668024	40.6	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	82	5450058	41.6	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	92	1056301	40.4	
8 Dichlorodifluoromethane	85	1.553	1.554	-0.001	86	944750	36.6	
9 Chloromethane	50	1.695	1.695	0.0	89	940794	40.9	
10 Vinyl chloride	62	1.790	1.790	0.0	83	966544	40.4	
11 Bromomethane	94	2.062	2.074	-0.012	91	453177	40.2	
12 Chloroethane	64	2.157	2.157	0.0	95	525097	39.5	
14 Trichlorofluoromethane	101	2.358	2.358	0.0	86	1196869	43.6	
16 Acrolein	56	2.654	2.654	0.0	94	1303433	364.9	
17 Acetone	43	2.772	2.772	0.0	99	511553	79.6	
19 1,1-Dichloroethene	96	2.784	2.784	0.0	90	945933	41.2	
18 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.784	2.784	0.0	73	644139	40.0	
21 Iodomethane	142	2.914	2.914	0.0	98	1137945	42.0	
23 Carbon disulfide	76	2.973	2.973	0.0	99	2274623	40.1	
24 Acetonitrile	41	2.997	2.997	0.0	95	777912	340.1	
25 Methyl acetate	43	3.044	3.044	0.0	90	1452703	70.8	
26 Methylene Chloride	84	3.163	3.163	0.0	75	898796	35.1	
27 2-Methyl-2-propanol	59	3.210	3.210	0.0	98	1234882	709.7	
28 Acrylonitrile	53	3.317	3.317	0.0	97	699827	72.6	
30 Methyl tert-butyl ether	73	3.364	3.364	0.0	87	3910966	39.6	
29 trans-1,2-Dichloroethene	96	3.364	3.364	0.0	56	1394674	39.6	
31 Hexane	86	3.589	3.589	0.0	92	315452	38.6	
32 1,1-Dichloroethane	63	3.695	3.695	0.0	85	2310850	40.2	
33 Vinyl acetate	86	3.731	3.731	0.0	98	282483	39.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	4.169	4.169	-0.001	68	1655872	40.2	
38 2-Butanone (MEK)	43	4.169	4.169	-0.001	48	750843	69.2	
39 2,2-Dichloropropane	77	4.169	4.180	-0.012	65	861334	36.5	
43 Chlorobromomethane	128	4.358	4.370	-0.012	89	833781	40.5	
44 Tetrahydrofuran	42	4.405	4.405	0.0	80	250319	34.8	
45 Chloroform	83	4.417	4.417	0.0	71	2639917	40.7	
46 1,1,1-Trichloroethane	97	4.594	4.595	-0.001	87	1347912	37.3	
47 Cyclohexane	56	4.654	4.654	0.0	86	1470666	39.0	
48 1,1-Dichloropropene	75	4.725	4.725	0.0	91	2032504	40.3	
49 Carbon tetrachloride	117	4.736	4.737	-0.001	71	1337852	38.4	
51 1,2-Dichloroethane	62	4.902	4.902	0.0	47	1986199	40.1	
52 Benzene	78	4.902	4.902	0.0	96	6089692	40.6	
56 Trichloroethene	130	5.435	5.435	0.0	90	1735900	40.4	
58 Methylcyclohexane	83	5.612	5.612	0.0	86	1683268	37.6	
59 1,2-Dichloropropane	63	5.612	5.612	0.0	88	1348574	41.2	
61 Dibromomethane	93	5.719	5.719	0.0	83	790883	40.6	
62 1,4-Dioxane	88	5.719	5.719	0.0	86	386113	1718.8	
63 Dichlorobromomethane	83	5.837	5.837	0.0	91	1929950	42.3	
65 2-Chloroethyl vinyl ether	63	6.085	6.086	-0.001	93	1459329	76.9	
66 cis-1,3-Dichloropropene	75	6.227	6.228	-0.001	90	2306714	41.9	
67 4-Methyl-2-pentanone (MIBK)	43	6.358	6.358	0.0	95	1500897	69.2	
68 Toluene	91	6.535	6.535	0.0	91	6558162	41.9	
69 trans-1,3-Dichloropropene	75	6.713	6.713	0.0	91	1911198	42.4	
70 Ethyl methacrylate	69	6.784	6.784	0.0	88	1466774	40.4	
71 1,1,2-Trichloroethane	97	6.878	6.878	0.0	85	1072158	40.2	
72 Tetrachloroethene	164	7.032	7.032	0.0	86	1309832	41.0	
73 1,3-Dichloropropane	76	7.032	7.032	0.0	90	1856356	40.4	
74 2-Hexanone	43	7.091	7.091	0.0	94	854189	69.3	
76 Chlorodibromomethane	129	7.245	7.245	0.0	85	1261377	42.9	
77 Ethylene Dibromide	107	7.352	7.352	0.0	99	999454	40.4	
79 Chlorobenzene	112	7.813	7.813	0.0	95	3276727	40.2	
80 1,1,1,2-Tetrachloroethane	131	7.884	7.884	0.0	82	1208433	40.9	
81 Ethylbenzene	106	7.908	7.908	0.0	98	1777135	40.0	
82 m-Xylene & p-Xylene	106	8.026	8.026	0.0	97	4177556	80.9	
83 o-Xylene	106	8.393	8.393	0.0	92	1820523	40.0	
84 Styrene	104	8.405	8.405	0.0	91	3015729	41.5	
85 Bromoform	173	8.582	8.582	0.0	96	553809	43.0	
86 Isopropylbenzene	105	8.748	8.748	0.0	95	4074021	39.8	
88 1,1,2,2-Tetrachloroethane	83	9.020	9.020	0.0	84	671467	36.0	
89 Bromobenzene	156	9.044	9.044	0.0	91	1080245	38.6	
90 1,2,3-Trichloropropane	110	9.067	9.067	0.0	72	243704	36.4	
91 trans-1,4-Dichloro-2-butene	53	9.067	9.067	0.0	61	126064	38.5	
92 N-Propylbenzene	120	9.150	9.150	0.0	97	973364	39.5	
93 2-Chlorotoluene	126	9.233	9.233	0.0	97	857500	38.6	
94 1,3,5-Trimethylbenzene	105	9.316	9.316	0.0	91	2836779	40.3	
95 4-Chlorotoluene	126	9.339	9.340	-0.001	98	927797	40.4	
96 tert-Butylbenzene	119	9.635	9.635	0.0	79	2446976	40.6	
97 1,2,4-Trimethylbenzene	105	9.683	9.683	0.0	90	3018937	41.3	
98 sec-Butylbenzene	105	9.860	9.860	0.0	92	3317837	41.6	
99 1,3-Dichlorobenzene	146	9.967	9.967	0.0	98	1880756	40.1	
100 4-Isopropyltoluene	119	10.002	10.002	0.0	92	2977212	42.3	
101 1,4-Dichlorobenzene	146	10.049	10.050	-0.001	94	1964446	39.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
103 n-Butylbenzene	91	10.404	10.405	-0.001	94	2508177	42.3	
104 1,2-Dichlorobenzene	146	10.428	10.416	0.012	99	1761301	37.9	
105 1,2-Dibromo-3-Chloropropane	157	11.185	11.185	0.0	83	121881	32.2	
106 1,3,5-Trichlorobenzene	180	11.410	11.410	0.0	96	1091999	35.0	
107 1,2,4-Trichlorobenzene	180	12.026	12.026	0.0	92	725378	40.3	
108 Hexachlorobutadiene	225	12.203	12.203	0.0	89	453501	40.1	
109 Naphthalene	128	12.274	12.274	0.0	97	1073879	NaN	
110 1,2,3-Trichlorobenzene	180	12.523	12.523	0.0	90	397433	20.9	
S 138 Trihalomethanes, Total	1				0		168.8	
S 112 1,2-Dichloroethene, Total	96				0		79.8	
S 113 1,3-Dichloropropene, Total	75				0		84.4	
S 114 Xylenes, Total	106				0		120.9	

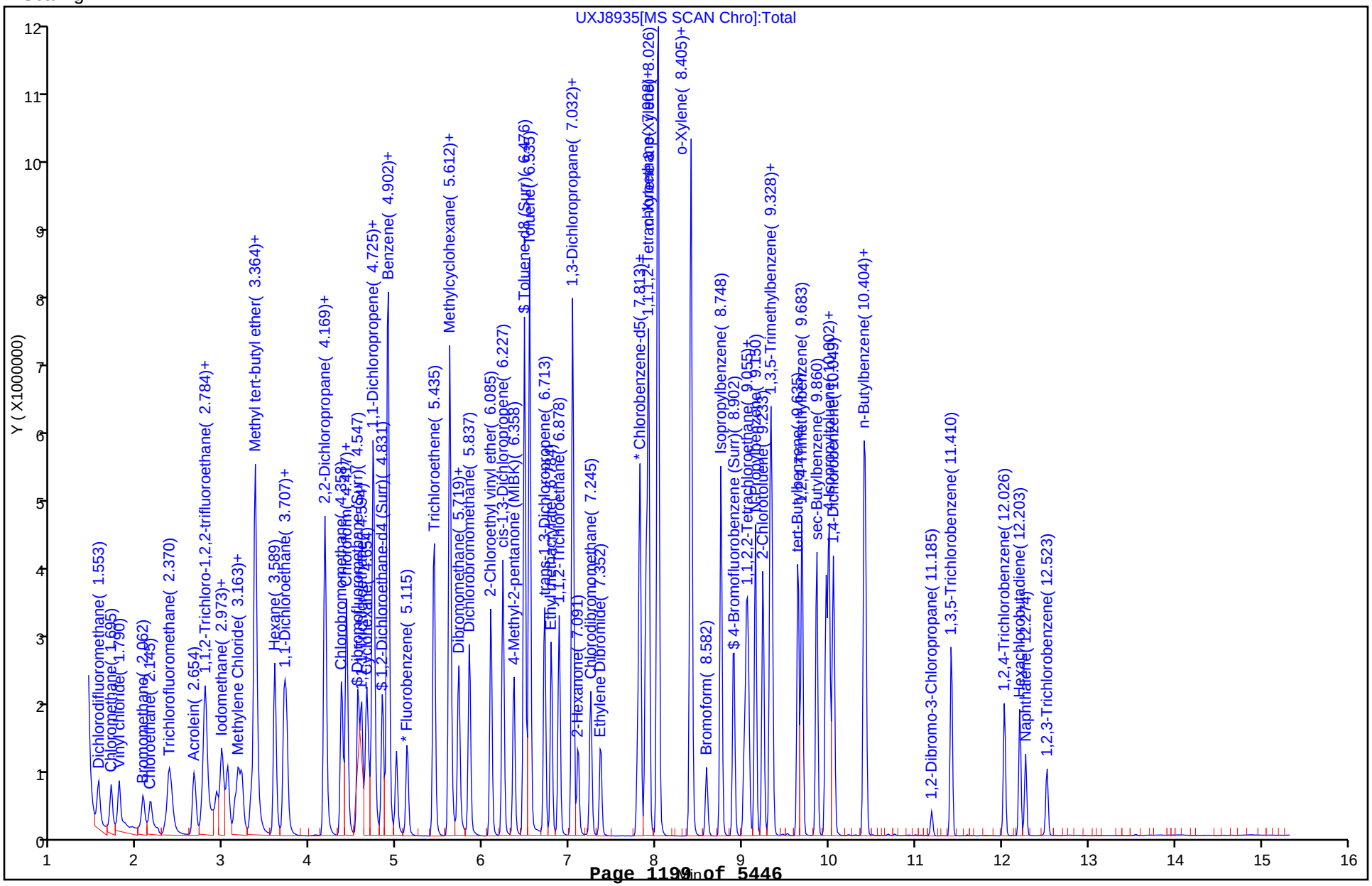
Report Date: 12-Dec-2012 09:05:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8935.D

Injection Date:	11-Dec-2012 11:39:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68124	Lims Sample ID:	2
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8936.D
Lims ID: STD8260 L5 Client ID:
Inject. Date: 11-Dec-2012 12:01:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015710-003
Misc. Info.: J21211A-IC,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 68124 Lims Sample ID: 3
Sublist: chrom-8260_11*sub11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\8260_11.m
Last Update: 12-Dec-2012 09:05:49 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

First Level Reviewer: evansle Date: 11-Dec-2012 12:26:54

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1279805	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	83	794523	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	76	297195	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	91	713865	20.4	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	87	797153	19.6	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	84	2714574	19.9	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	92	538180	19.8	
8 Dichlorodifluoromethane	85	1.554	1.554	0.0	87	469788	18.4	
9 Chloromethane	50	1.695	1.695	0.0	89	464018	20.4	
10 Vinyl chloride	62	1.790	1.790	0.0	82	480022	20.3	
11 Bromomethane	94	2.074	2.074	0.0	90	223167	20.0	
12 Chloroethane	64	2.157	2.157	0.0	95	264536	20.1	
14 Trichlorofluoromethane	101	2.358	2.358	0.0	85	550388	20.3	
16 Acrolein	56	2.654	2.654	0.0	93	709339	200.8	
17 Acetone	43	2.772	2.772	0.0	96	301524	41.6	
19 1,1-Dichloroethene	96	2.784	2.784	0.0	90	440963	19.4	
18 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.784	2.784	0.0	50	302030	19.0	
21 Iodomethane	142	2.914	2.914	0.0	97	563031	21.0	
23 Carbon disulfide	76	2.973	2.973	0.0	99	1153129	20.6	
24 Acetonitrile	41	2.997	2.997	0.0	100	434169	192.0	
25 Methyl acetate	43	3.044	3.044	0.0	88	788333	38.8	
26 Methylene Chloride	84	3.163	3.163	0.0	73	452550	17.9	
27 2-Methyl-2-propanol	59	3.210	3.210	0.0	98	703907	409.2	
28 Acrylonitrile	53	3.317	3.317	0.0	98	383350	40.2	
30 Methyl tert-butyl ether	73	3.364	3.364	0.0	88	1972793	20.2	
29 trans-1,2-Dichloroethene	96	3.364	3.364	0.0	58	698321	20.1	
31 Hexane	86	3.589	3.589	0.0	93	140746	17.4	
32 1,1-Dichloroethane	63	3.695	3.695	0.0	85	1152155	20.3	
33 Vinyl acetate	86	3.731	3.731	0.0	98	149194	21.3	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	4.169	4.169	0.0	69	814051	20.0	
38 2-Butanone (MEK)	43	4.169	4.169	0.0	79	421858	39.3	
39 2,2-Dichloropropane	77	4.180	4.180	0.0	75	477104	20.4	
43 Chlorobromomethane	128	4.370	4.370	0.0	82	408822	20.1	
44 Tetrahydrofuran	42	4.405	4.405	0.0	82	134256	18.9	
45 Chloroform	83	4.417	4.417	0.0	81	1294808	20.2	
46 1,1,1-Trichloroethane	97	4.595	4.595	0.0	87	720005	20.1	
47 Cyclohexane	56	4.654	4.654	0.0	87	715079	19.2	
48 1,1-Dichloropropene	75	4.725	4.725	0.0	91	985400	19.8	
49 Carbon tetrachloride	117	4.737	4.737	0.0	71	700482	20.3	
51 1,2-Dichloroethane	62	4.902	4.902	0.0	48	975113	19.9	
52 Benzene	78	4.902	4.902	0.0	96	2940260	19.8	
56 Trichloroethene	130	5.435	5.435	0.0	90	846567	19.9	
58 Methylcyclohexane	83	5.612	5.612	0.0	88	807499	18.2	
59 1,2-Dichloropropane	63	5.612	5.612	0.0	86	663393	20.5	
61 Dibromomethane	93	5.719	5.719	0.0	82	393850	20.4	
62 1,4-Dioxane	88	5.719	5.719	0.0	86	226658	1020.5	
63 Dichlorobromomethane	83	5.837	5.837	0.0	89	935992	20.7	
65 2-Chloroethyl vinyl ether	63	6.086	6.086	0.0	94	776397	41.4	
66 cis-1,3-Dichloropropene	75	6.228	6.228	0.0	88	1126169	20.7	
67 4-Methyl-2-pentanone (MIBK)	43	6.358	6.358	0.0	94	872841	40.7	
68 Toluene	91	6.535	6.535	0.0	91	3231527	19.9	
69 trans-1,3-Dichloropropene	75	6.713	6.713	0.0	90	958399	20.5	
70 Ethyl methacrylate	69	6.784	6.784	0.0	88	782008	20.7	
71 1,1,2-Trichloroethane	97	6.878	6.878	0.0	86	543510	19.6	
72 Tetrachloroethene	164	7.032	7.032	0.0	83	656985	19.8	
73 1,3-Dichloropropane	76	7.032	7.032	0.0	90	955737	20.0	
74 2-Hexanone	43	7.091	7.091	0.0	94	515526	40.2	
76 Chlorodibromomethane	129	7.245	7.245	0.0	85	640104	21.0	
77 Ethylene Dibromide	107	7.352	7.352	0.0	99	518512	20.1	
79 Chlorobenzene	112	7.813	7.813	0.0	96	1691172	20.0	
80 1,1,1,2-Tetrachloroethane	131	7.884	7.884	0.0	86	613016	20.0	
81 Ethylbenzene	106	7.908	7.908	0.0	98	915505	19.8	
82 m-Xylene & p-Xylene	106	8.026	8.026	0.0	96	2163754	40.3	
83 o-Xylene	106	8.393	8.393	0.0	91	943633	19.9	
84 Styrene	104	8.405	8.405	0.0	91	1553692	20.6	
85 Bromoform	173	8.582	8.582	0.0	93	281675	21.0	
86 Isopropylbenzene	105	8.748	8.748	0.0	95	2111751	19.8	
88 1,1,2,2-Tetrachloroethane	83	9.020	9.020	0.0	96	352342	19.5	
89 Bromobenzene	156	9.044	9.044	0.0	84	535561	19.7	
90 1,2,3-Trichloropropane	110	9.067	9.067	0.0	73	126823	19.5	
91 trans-1,4-Dichloro-2-butene	53	9.067	9.067	0.0	67	66154	20.8	
92 N-Propylbenzene	120	9.150	9.150	0.0	97	487660	20.4	
93 2-Chlorotoluene	126	9.233	9.233	0.0	97	425826	19.8	
94 1,3,5-Trimethylbenzene	105	9.316	9.316	0.0	92	1375760	20.1	
95 4-Chlorotoluene	126	9.340	9.340	0.0	97	452462	20.3	
96 tert-Butylbenzene	119	9.635	9.635	0.0	73	1189919	20.3	
97 1,2,4-Trimethylbenzene	105	9.683	9.683	0.0	66	1419531	20.0	
98 sec-Butylbenzene	105	9.860	9.860	0.0	93	1542883	19.9	
99 1,3-Dichlorobenzene	146	9.967	9.967	0.0	96	908611	19.9	
100 4-Isopropyltoluene	119	10.002	10.002	0.0	88	1381706	20.2	
101 1,4-Dichlorobenzene	146	10.050	10.050	0.0	94	941209	19.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
103 n-Butylbenzene	91	10.405	10.405	0.0	96	1149340	19.9	
104 1,2-Dichlorobenzene	146	10.416	10.416	0.0	97	884344	19.6	
105 1,2-Dibromo-3-Chloropropane	157	11.185	11.185	0.0	80	74712	20.3	
106 1,3,5-Trichlorobenzene	180	11.410	11.410	0.0	95	562927	18.6	
107 1,2,4-Trichlorobenzene	180	12.026	12.026	0.0	89	396714	18.9	
108 Hexachlorobutadiene	225	12.203	12.203	0.0	88	244616	19.4	
109 Naphthalene	128	12.274	12.274	0.0	97	787882	18.8	
110 1,2,3-Trichlorobenzene	180	12.523	12.523	0.0	91	254608	13.8	
S 138 Trihalomethanes, Total	1				0		82.9	
S 112 1,2-Dichloroethene, Total	96				0		40.1	
S 113 1,3-Dichloropropene, Total	75				0		41.2	
S 114 Xylenes, Total	106				0		60.3	

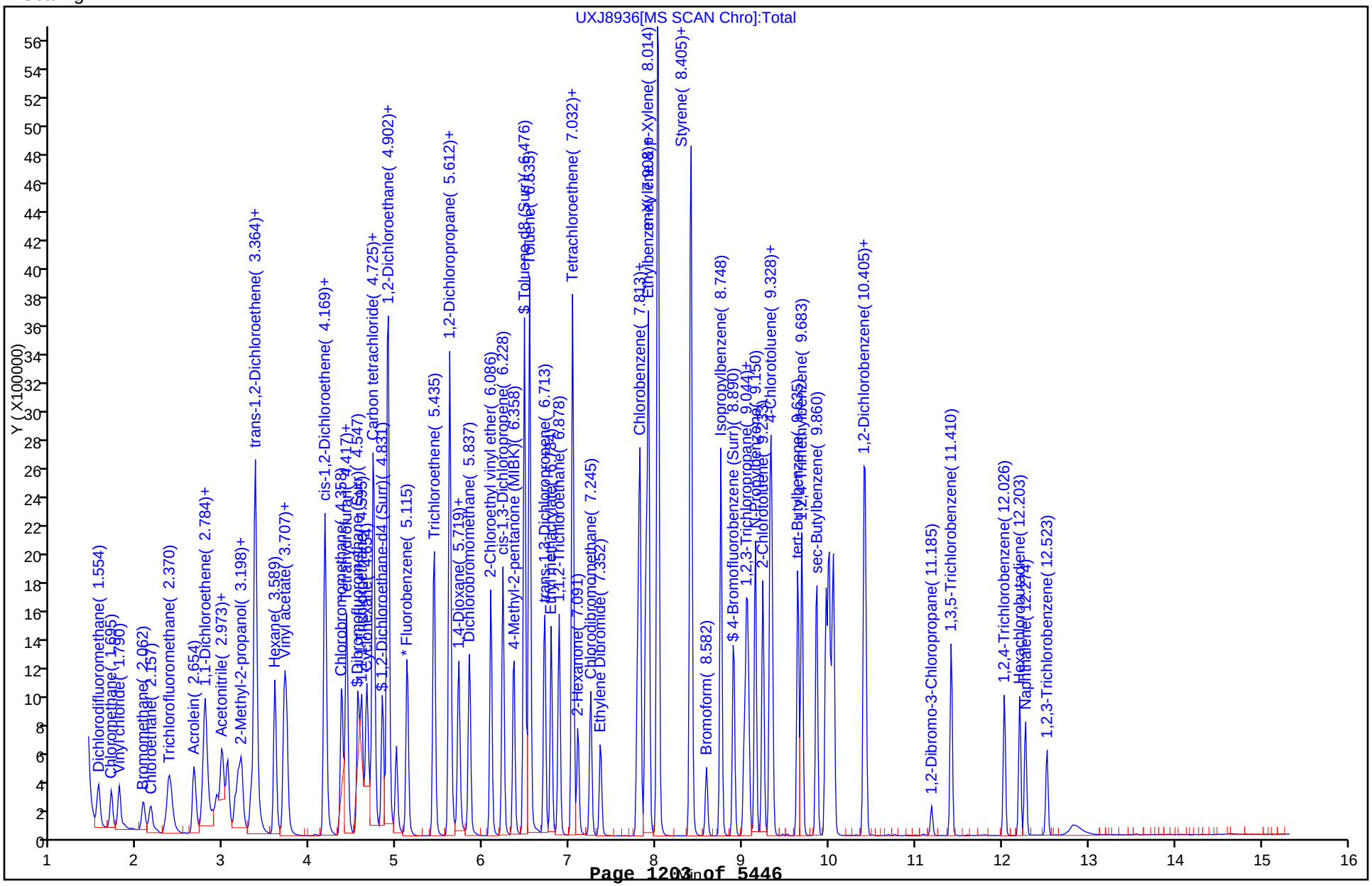
Report Date: 12-Dec-2012 09:05:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8936.D

Injection Date:	11-Dec-2012 12:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68124	Lims Sample ID:	3
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8937.D
Lims ID: STD8260 L4 Client ID:
Inject. Date: 11-Dec-2012 12:24:30 Dil. Factor: 1.0000
Sample Type: ICIS Calib Level: 4
Sample ID: 240-0015710-004
Misc. Info.: J21211A-IC,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 68124 Lims Sample ID: 4
Sublist: chrom-8260_11*sub11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\8260_11.m
Last Update: 12-Dec-2012 09:05:50 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1292131	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	83	796303	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	83	287233	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	94	341905	9.67	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	89	408681	9.97	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	83	1328915	9.74	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	91	262294	9.62	
8 Dichlorodifluoromethane	85	1.554	1.554	0.0	86	275284	10.7	
9 Chloromethane	50	1.695	1.695	0.0	99	224951	9.80	
10 Vinyl chloride	62	1.790	1.790	0.0	81	248166	10.4	
11 Bromomethane	94	2.074	2.074	0.0	92	113073	10.0	
12 Chloroethane	64	2.157	2.157	0.0	98	131273	9.88	
14 Trichlorofluoromethane	101	2.358	2.358	0.0	85	285766	10.4	
16 Acrolein	56	2.654	2.654	0.0	95	350088	98.2	
17 Acetone	43	2.772	2.772	0.0	58	152823	18.7	
19 1,1-Dichloroethene	96	2.784	2.784	0.0	91	226500	9.89	
18 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.784	2.784	0.0	53	169283	10.5	
21 Iodomethane	142	2.914	2.914	0.0	97	275050	10.2	
23 Carbon disulfide	76	2.973	2.973	0.0	99	573023	10.1	
24 Acetonitrile	41	2.997	2.997	0.0	99	215338	94.3	
25 Methyl acetate	43	3.044	3.044	0.0	90	396450	19.3	
26 Methylene Chloride	84	3.163	3.163	0.0	78	226873	8.89	
27 2-Methyl-2-propanol	59	3.210	3.210	0.0	98	352647	203.0	
28 Acrylonitrile	53	3.317	3.317	0.0	96	187655	19.5	
30 Methyl tert-butyl ether	73	3.364	3.364	0.0	87	967207	9.80	
29 trans-1,2-Dichloroethene	96	3.364	3.364	0.0	56	342399	9.75	
31 Hexane	86	3.589	3.589	0.0	92	91069	11.2	
32 1,1-Dichloroethane	63	3.695	3.695	0.0	86	564434	9.85	
33 Vinyl acetate	86	3.731	3.731	0.0	97	72593	10.2	
40 cis-1,2-Dichloroethene	96	4.169	4.169	0.0	68	403027	9.79	
38 2-Butanone (MEK)	43	4.169	4.169	0.0	53	205935	19.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
39 2,2-Dichloropropane	77	4.180	4.180	0.0	72	233138	9.89	
43 Chlorobromomethane	128	4.370	4.370	0.0	82	202736	9.86	
44 Tetrahydrofuran	42	4.405	4.405	0.0	81	70642	9.84	
45 Chloroform	83	4.417	4.417	0.0	80	632323	9.76	
46 1,1,1-Trichloroethane	97	4.595	4.595	0.0	83	354466	9.82	
47 Cyclohexane	56	4.654	4.654	0.0	86	402075	10.7	
48 1,1-Dichloropropene	75	4.725	4.725	0.0	91	495508	9.85	
49 Carbon tetrachloride	117	4.737	4.737	0.0	74	350047	10.1	
51 1,2-Dichloroethane	62	4.902	4.902	0.0	48	482472	9.77	
52 Benzene	78	4.902	4.902	0.0	96	1448865	9.67	
56 Trichloroethene	130	5.435	5.435	0.0	90	422508	9.85	
58 Methylcyclohexane	83	5.612	5.612	0.0	89	480813	10.7	
59 1,2-Dichloropropane	63	5.612	5.612	0.0	86	329897	10.1	
61 Dibromomethane	93	5.719	5.719	0.0	84	198449	10.2	
62 1,4-Dioxane	88	5.719	5.719	0.0	89	118640	529.1	
63 Dichlorobromomethane	83	5.837	5.837	0.0	90	450042	9.87	
65 2-Chloroethyl vinyl ether	63	6.086	6.086	0.0	93	377341	19.9	
66 cis-1,3-Dichloropropene	75	6.228	6.228	0.0	87	540126	9.83	
67 4-Methyl-2-pentanone (MIBK)	43	6.358	6.358	0.0	94	425060	19.6	
68 Toluene	91	6.535	6.535	0.0	90	1583771	9.71	
69 trans-1,3-Dichloropropene	75	6.713	6.713	0.0	91	462481	9.86	
70 Ethyl methacrylate	69	6.784	6.784	0.0	88	384475	10.2	
71 1,1,2-Trichloroethane	97	6.878	6.878	0.0	88	271848	9.78	
72 Tetrachloroethene	164	7.032	7.032	0.0	90	325032	9.77	
73 1,3-Dichloropropane	76	7.032	7.032	0.0	91	463108	9.68	
74 2-Hexanone	43	7.091	7.091	0.0	96	253050	19.7	
76 Chlorodibromomethane	129	7.245	7.245	0.0	87	304221	9.94	
77 Ethylene Dibromide	107	7.352	7.352	0.0	98	251740	9.76	
79 Chlorobenzene	112	7.813	7.813	0.0	93	829287	9.77	
80 1,1,1,2-Tetrachloroethane	131	7.884	7.884	0.0	85	301293	9.79	
81 Ethylbenzene	106	7.908	7.908	0.0	98	452766	9.78	
82 m-Xylene & p-Xylene	106	8.026	8.026	0.0	96	1061638	19.7	
83 o-Xylene	106	8.393	8.393	0.0	92	466406	9.83	
84 Styrene	104	8.405	8.405	0.0	90	746836	9.86	
85 Bromoform	173	8.582	8.582	0.0	95	142665	10.6	
86 Isopropylbenzene	105	8.748	8.748	0.0	95	1036036	9.72	
88 1,1,2,2-Tetrachloroethane	83	9.020	9.020	0.0	90	176633	10.1	
89 Bromobenzene	156	9.044	9.044	0.0	88	261893	9.96	
90 1,2,3-Trichloropropane	110	9.067	9.067	0.0	74	64028	10.2	
91 trans-1,4-Dichloro-2-butene	53	9.067	9.067	0.0	64	31775	10.3	
92 N-Propylbenzene	120	9.150	9.150	0.0	97	239039	10.3	
93 2-Chlorotoluene	126	9.233	9.233	0.0	96	206312	9.90	
94 1,3,5-Trimethylbenzene	105	9.316	9.316	0.0	93	673565	10.2	
95 4-Chlorotoluene	126	9.340	9.340	0.0	97	218436	10.1	
96 tert-Butylbenzene	119	9.635	9.635	0.0	78	565973	10.0	
97 1,2,4-Trimethylbenzene	105	9.683	9.683	0.0	76	678496	9.88	
98 sec-Butylbenzene	105	9.860	9.860	0.0	93	738064	9.86	
99 1,3-Dichlorobenzene	146	9.967	9.967	0.0	97	436886	9.92	
100 4-Isopropyltoluene	119	10.002	10.002	0.0	92	653951	9.90	
101 1,4-Dichlorobenzene	146	10.050	10.050	0.0	93	469754	10.1	
103 n-Butylbenzene	91	10.405	10.405	0.0	94	539873	9.69	
104 1,2-Dichlorobenzene	146	10.416	10.416	0.0	97	436342	10.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 1,2-Dibromo-3-Chloropropane	157	11.185	11.185	0.0	70	39049	11.0	
106 1,3,5-Trichlorobenzene	180	11.410	11.410	0.0	97	295041	10.1	
107 1,2,4-Trichlorobenzene	180	12.026	12.026	0.0	88	244577	11.2	
108 Hexachlorobutadiene	225	12.203	12.203	0.0	87	139013	10.6	
109 Naphthalene	128	12.274	12.274	0.0	97	514577	11.0	
110 1,2,3-Trichlorobenzene	180	12.523	12.523	0.0	94	187073	10.5	
S 138 Trihalomethanes, Total	1				0		40.2	
S 112 1,2-Dichloroethene, Total	96				0		19.5	
S 113 1,3-Dichloropropene, Total	75				0		19.7	
S 114 Xylenes, Total	106				0		29.6	

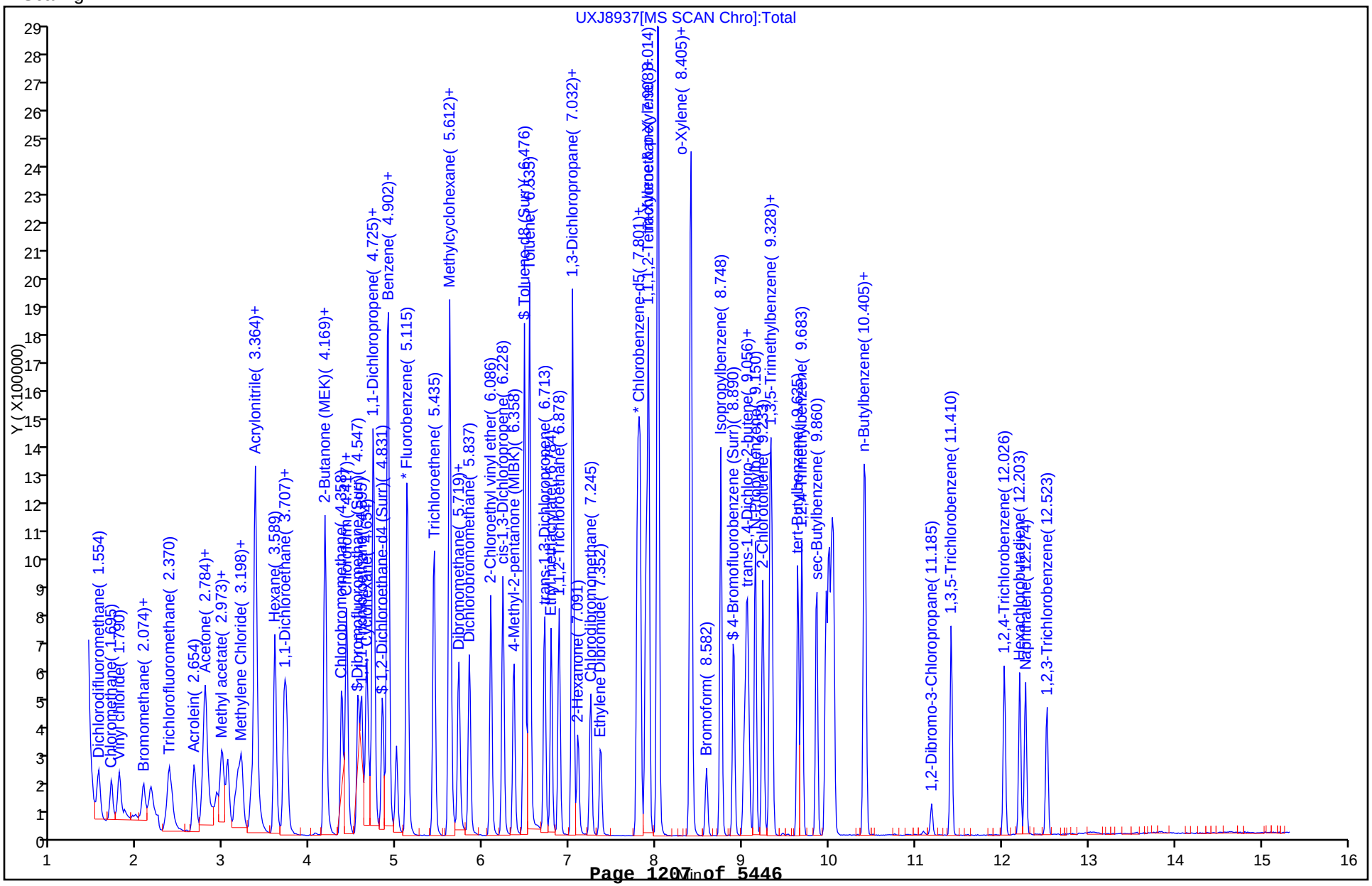
Report Date: 12-Dec-2012 09:05:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8937.D

Injection Date:	11-Dec-2012 12:24:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68124	Lims Sample ID:	4
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8938.D
Lims ID: STD8260 L3 Client ID:
Inject. Date: 11-Dec-2012 12:47:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015710-005
Misc. Info.: J21211A-IC,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 68124 Lims Sample ID: 5
Sublist: chrom-8260_11*sub11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\8260_11.m
Last Update: 12-Dec-2012 09:05:51 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

First Level Reviewer: evansle Date: 12-Dec-2012 09:02:31

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1289218	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	84	788173	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	90	295765	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	96	181492	5.14	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	80	206276	5.04	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	83	693793	5.14	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	94	138370	5.13	
8 Dichlorodifluoromethane	85	1.553	1.554	-0.001	97	119100	4.64	
9 Chloromethane	50	1.695	1.695	0.0	89	119311	5.21	
10 Vinyl chloride	62	1.790	1.790	0.0	81	116899	4.91	
11 Bromomethane	94	2.074	2.074	0.0	88	57772	5.14	
12 Chloroethane	64	2.157	2.157	0.0	93	68269	5.15	
14 Trichlorofluoromethane	101	2.358	2.358	0.0	84	124005	4.53	
16 Acrolein	56	2.654	2.654	0.0	90	173741	48.8	
17 Acetone	43	2.772	2.772	0.0	62	78994	8.61	
19 1,1-Dichloroethene	96	2.784	2.784	0.0	90	111128	4.86	
18 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.796	2.784	0.012	59	70861	4.42	
21 Iodomethane	142	2.914	2.914	0.0	97	140909	5.22	
23 Carbon disulfide	76	2.973	2.973	0.0	99	286516	5.07	
24 Acetonitrile	41	2.997	2.997	0.0	93	113479	49.8	
25 Methyl acetate	43	3.044	3.044	0.0	90	210523	10.3	
26 Methylene Chloride	84	3.163	3.163	0.0	78	128446	5.04	
27 2-Methyl-2-propanol	59	3.210	3.210	0.0	98	179607	103.6	
28 Acrylonitrile	53	3.316	3.317	-0.001	99	98407	10.3	
30 Methyl tert-butyl ether	73	3.364	3.364	0.0	87	505214	5.13	
29 trans-1,2-Dichloroethene	96	3.364	3.364	0.0	57	176614	5.04	
31 Hexane	86	3.589	3.589	0.0	93	34844	4.28	
32 1,1-Dichloroethane	63	3.695	3.695	0.0	85	292701	5.12	
33 Vinyl acetate	86	3.731	3.731	0.0	98	36050	5.10	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	4.168	4.169	-0.001	67	212890	5.19	
38 2-Butanone (MEK)	43	4.168	4.169	-0.001	54	113395	10.5	
39 2,2-Dichloropropane	77	4.180	4.180	0.0	66	118656	5.04	
43 Chlorobromomethane	128	4.370	4.370	0.0	77	106821	5.21	
44 Tetrahydrofuran	42	4.417	4.405	0.012	79	38592	5.39	
45 Chloroform	83	4.417	4.417	0.0	82	334376	5.17	
46 1,1,1-Trichloroethane	97	4.594	4.595	-0.001	91	181297	5.04	
47 Cyclohexane	56	4.654	4.654	0.0	86	173224	4.61	
48 1,1-Dichloropropene	75	4.725	4.725	0.0	91	250513	4.99	
49 Carbon tetrachloride	117	4.736	4.737	-0.001	72	171623	4.95	
51 1,2-Dichloroethane	62	4.902	4.902	0.0	48	252174	5.12	
52 Benzene	78	4.902	4.902	0.0	96	776029	5.19	
56 Trichloroethene	130	5.435	5.435	0.0	88	217016	5.07	
58 Methylcyclohexane	83	5.612	5.612	0.0	86	200770	4.50	
59 1,2-Dichloropropane	63	5.612	5.612	0.0	85	167754	5.15	
61 Dibromomethane	93	5.719	5.719	-0.001	80	97902	5.04	
62 1,4-Dioxane	88	5.719	5.719	-0.001	86	61475	274.8	
63 Dichlorobromomethane	83	5.837	5.837	0.0	93	234594	5.16	
65 2-Chloroethyl vinyl ether	63	6.085	6.086	-0.001	95	194743	10.3	
66 cis-1,3-Dichloropropene	75	6.227	6.228	-0.001	87	279084	5.09	
67 4-Methyl-2-pentanone (MIBK)	43	6.357	6.358	-0.001	93	220855	10.2	
68 Toluene	91	6.535	6.535	0.0	91	823350	5.10	
69 trans-1,3-Dichloropropene	75	6.712	6.713	-0.001	90	233997	5.04	
70 Ethyl methacrylate	69	6.783	6.784	-0.001	88	192414	5.14	
71 1,1,2-Trichloroethane	97	6.878	6.878	0.0	85	141913	5.16	
72 Tetrachloroethene	164	7.032	7.032	0.0	90	167948	5.10	
73 1,3-Dichloropropane	76	7.032	7.032	0.0	90	246181	5.20	
74 2-Hexanone	43	7.091	7.091	0.0	94	129642	10.2	
76 Chlorodibromomethane	129	7.245	7.245	0.0	86	151992	5.01	
77 Ethylene Dibromide	107	7.351	7.352	-0.001	96	134361	5.26	
79 Chlorobenzene	112	7.813	7.813	0.0	92	431968	5.14	
80 1,1,1,2-Tetrachloroethane	131	7.884	7.884	0.0	83	158613	5.21	
81 Ethylbenzene	106	7.908	7.908	0.0	98	236138	5.16	
82 m-Xylene & p-Xylene	106	8.026	8.026	0.0	96	548042	10.3	
83 o-Xylene	106	8.393	8.393	0.0	91	244817	5.22	
84 Styrene	104	8.405	8.405	0.0	88	393794	5.25	
85 Bromoform	173	8.582	8.582	0.0	95	67011	5.04	
86 Isopropylbenzene	105	8.748	8.748	0.0	95	539337	5.11	
88 1,1,2,2-Tetrachloroethane	83	9.020	9.020	0.0	88	89682	4.98	
89 Bromobenzene	156	9.044	9.044	0.0	88	140570	5.19	
90 1,2,3-Trichloropropane	110	9.067	9.067	0.0	75	31873	4.93	
91 trans-1,4-Dichloro-2-butene	53	9.067	9.067	0.0	60	17706	5.59	
92 N-Propylbenzene	120	9.150	9.150	0.0	97	123068	5.17	
93 2-Chlorotoluene	126	9.233	9.233	0.0	96	112115	5.23	
94 1,3,5-Trimethylbenzene	105	9.316	9.316	0.0	93	341272	5.01	
95 4-Chlorotoluene	126	9.339	9.340	-0.001	97	115574	5.21	
96 tert-Butylbenzene	119	9.635	9.635	0.0	85	298598	5.12	
97 1,2,4-Trimethylbenzene	105	9.683	9.683	0.0	69	353734	5.00	
98 sec-Butylbenzene	105	9.860	9.860	0.0	92	381688	4.95	
99 1,3-Dichlorobenzene	146	9.967	9.967	0.0	97	230322	5.08	
100 4-Isopropyltoluene	119	10.002	10.002	0.0	90	341342	5.02	
101 1,4-Dichlorobenzene	146	10.049	10.050	-0.001	91	242748	5.07	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
103 n-Butylbenzene	91	10.404	10.405	-0.001	94	289231	5.04	
104 1,2-Dichlorobenzene	146	10.416	10.416	0.0	97	230822	5.14	
105 1,2-Dibromo-3-Chloropropane	157	11.185	11.185	0.0	63	19641	5.36	
106 1,3,5-Trichlorobenzene	180	11.410	11.410	0.0	92	161879	5.36	
107 1,2,4-Trichlorobenzene	180	12.025	12.026	-0.001	88	133555	5.40	
108 Hexachlorobutadiene	225	12.203	12.203	0.0	87	78708	5.40	
109 Naphthalene	128	12.274	12.274	0.0	96	290095	5.31	
110 1,2,3-Trichlorobenzene	180	12.522	12.523	-0.001	89	108936	5.93	
S 138 Trihalomethanes, Total	1				0		20.4	
S 112 1,2-Dichloroethene, Total	96				0		10.2	
S 113 1,3-Dichloropropene, Total	75				0		10.1	
S 114 Xylenes, Total	106				0		15.5	

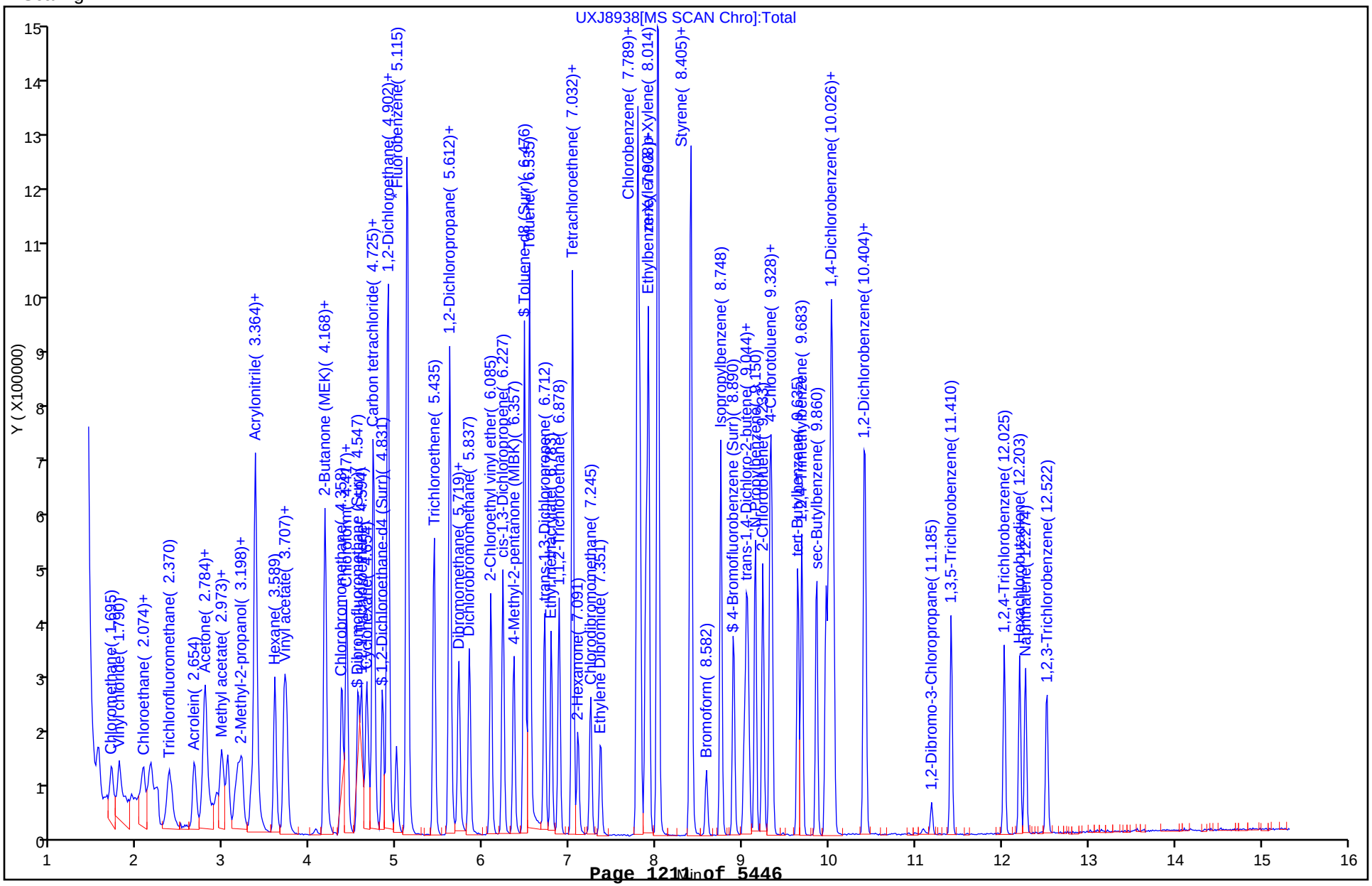
Report Date: 12-Dec-2012 09:05:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8938.D

Injection Date:	11-Dec-2012 12:47:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68124	Lims Sample ID:	5
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8939.D
Lims ID: STD8260 L2 Client ID:
Inject. Date: 11-Dec-2012 13:09:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015710-006
Misc. Info.: J21211A-IC,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 68124 Lims Sample ID: 6
Sublist: chrom-8260_11*sub11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\8260_11.m
Last Update: 12-Dec-2012 09:05:52 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1269337	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	83	778026	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	92	287823	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	92	66866	1.92	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	87	77795	1.93	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	82	254512	1.91	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	89	51550	1.93	
8 Dichlorodifluoromethane	85	1.554	1.554	0.0	83	55293	2.19	
9 Chloromethane	50	1.696	1.695	0.001	88	44195	1.96	
10 Vinyl chloride	62	1.790	1.790	0.0	81	46438	1.98	
11 Bromomethane	94	2.074	2.074	0.0	76	22552	2.04	
12 Chloroethane	64	2.145	2.157	-0.012	70	27070	2.07	
14 Trichlorofluoromethane	101	2.370	2.358	0.012	82	52804	1.96	
16 Acrolein	56	2.654	2.654	0.0	95	77482	22.1	
17 Acetone	43	2.772	2.772	0.0	66	42418	3.85	
19 1,1-Dichloroethene	96	2.784	2.784	0.0	85	45323	2.01	
18 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.784	2.784	0.0	47	33283	2.11	
21 Iodomethane	142	2.914	2.914	0.0	93	50747	1.91	
23 Carbon disulfide	76	2.973	2.973	0.0	98	110755	1.99	
24 Acetonitrile	41	2.997	2.997	0.0	92	50458	22.5	
25 Methyl acetate	43	3.044	3.044	0.0	93	93237	4.63	
26 Methylene Chloride	84	3.163	3.163	0.0	82	53423	2.13	
27 2-Methyl-2-propanol	59	3.210	3.210	0.0	94	71523	41.9	
28 Acrylonitrile	53	3.317	3.317	0.0	97	40373	4.27	
30 Methyl tert-butyl ether	73	3.364	3.364	0.0	89	198704	2.05	
29 trans-1,2-Dichloroethene	96	3.364	3.364	0.0	57	71365	2.07	
31 Hexane	86	3.589	3.589	0.0	89	16938	2.11	
32 1,1-Dichloroethane	63	3.695	3.695	0.0	93	114784	2.04	
33 Vinyl acetate	86	3.731	3.731	0.0	96	14572	2.09	
40 cis-1,2-Dichloroethene	96	4.169	4.169	0.0	68	79345	1.96	
38 2-Butanone (MEK)	43	4.169	4.169	0.0	54	48511	4.56	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
39 2,2-Dichloropropane	77	4.180	4.180	0.0	65	48521	2.09	
43 Chlorobromomethane	128	4.370	4.370	0.0	73	39734	1.97	
44 Tetrahydrofuran	42	4.405	4.405	0.0	44	15833	2.25	
45 Chloroform	83	4.417	4.417	0.0	66	125499	1.97	
46 1,1,1-Trichloroethane	97	4.595	4.595	0.0	89	72639	2.05	
47 Cyclohexane	56	4.654	4.654	0.0	84	78445	2.12	
48 1,1-Dichloropropene	75	4.725	4.725	0.0	85	99937	2.02	
49 Carbon tetrachloride	117	4.737	4.737	0.0	71	70301	2.06	
51 1,2-Dichloroethane	62	4.902	4.902	0.0	47	94443	1.95	
52 Benzene	78	4.902	4.902	0.0	96	293657	1.99	
56 Trichloroethene	130	5.435	5.435	0.0	91	83806	1.99	
58 Methylcyclohexane	83	5.612	5.612	0.0	83	95487	2.17	
59 1,2-Dichloropropane	63	5.612	5.612	0.0	74	64280	2.00	
61 Dibromomethane	93	5.719	5.719	0.0	81	37727	1.97	
62 1,4-Dioxane	88	5.719	5.719	0.0	19	22497	102.1	
63 Dichlorobromomethane	83	5.837	5.837	0.0	88	84844	1.89	
65 2-Chloroethyl vinyl ether	63	6.086	6.086	0.0	93	72636	3.90	
66 cis-1,3-Dichloropropene	75	6.228	6.228	0.0	80	104846	1.94	
67 4-Methyl-2-pentanone (MIBK)	43	6.358	6.358	0.0	93	89567	4.21	
68 Toluene	91	6.535	6.535	0.0	91	319781	2.01	
69 trans-1,3-Dichloropropene	75	6.713	6.713	0.0	91	88836	1.94	
70 Ethyl methacrylate	69	6.784	6.784	0.0	85	72125	1.95	
71 1,1,2-Trichloroethane	97	6.878	6.878	0.0	84	55641	2.05	
72 Tetrachloroethene	164	7.032	7.032	0.0	88	64917	2.00	
73 1,3-Dichloropropane	76	7.032	7.032	0.0	88	94375	2.02	
74 2-Hexanone	43	7.091	7.091	0.0	90	52251	4.16	
76 Chlorodibromomethane	129	7.245	7.245	0.0	80	57953	1.94	
77 Ethylene Dibromide	107	7.352	7.352	0.0	93	50072	1.99	
79 Chlorobenzene	112	7.813	7.813	0.0	94	168372	2.03	
80 1,1,1,2-Tetrachloroethane	131	7.884	7.884	0.0	87	60120	2.00	
81 Ethylbenzene	106	7.908	7.908	0.0	98	91333	2.02	
82 m-Xylene & p-Xylene	106	8.026	8.026	0.0	96	211432	4.02	
83 o-Xylene	106	8.393	8.393	0.0	91	92684	2.00	
84 Styrene	104	8.405	8.405	0.0	90	143709	1.94	
85 Bromoform	173	8.582	8.582	0.0	89	25353	1.93	
86 Isopropylbenzene	105	8.748	8.748	0.0	93	215658	2.07	
88 1,1,2,2-Tetrachloroethane	83	9.020	9.020	0.0	81	38866	2.22	
89 Bromobenzene	156	9.044	9.044	0.0	83	53648	2.04	
90 1,2,3-Trichloropropane	110	9.067	9.067	0.0	63	12889	2.05	
91 trans-1,4-Dichloro-2-butene	53	9.067	9.067	0.0	47	5794	1.88	
92 N-Propylbenzene	120	9.150	9.150	0.0	95	44367	1.91	
93 2-Chlorotoluene	126	9.233	9.233	0.0	96	43375	2.08	
94 1,3,5-Trimethylbenzene	105	9.316	9.316	0.0	90	132710	2.00	
95 4-Chlorotoluene	126	9.340	9.340	0.0	95	42983	1.99	
96 tert-Butylbenzene	119	9.635	9.635	0.0	81	114475	2.02	
97 1,2,4-Trimethylbenzene	105	9.683	9.683	0.0	67	134721	1.96	
98 sec-Butylbenzene	105	9.860	9.860	0.0	86	149880	2.00	
99 1,3-Dichlorobenzene	146	9.967	9.967	0.0	95	90488	2.05	
100 4-Isopropyltoluene	119	10.002	10.002	0.0	89	132832	2.01	
101 1,4-Dichlorobenzene	146	10.050	10.050	0.0	82	91860	1.97	
103 n-Butylbenzene	91	10.405	10.405	0.0	92	107017	1.92	
104 1,2-Dichlorobenzene	146	10.416	10.416	0.0	94	87950	2.01	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 1,2-Dibromo-3-Chloropropane	157	11.186	11.185	0.001	37	7593	2.13	
106 1,3,5-Trichlorobenzene	180	11.410	11.410	0.0	93	61788	2.10	
107 1,2,4-Trichlorobenzene	180	12.026	12.026	0.0	83	51907	1.74	
108 Hexachlorobutadiene	225	12.203	12.203	0.0	84	31150	1.81	
109 Naphthalene	128	12.274	12.274	0.0	93	116549	1.82	
110 1,2,3-Trichlorobenzene	180	12.523	12.523	0.0	85	45902	2.57	
S 138 Trihalomethanes, Total	1				0		7.73	
S 112 1,2-Dichloroethene, Total	96				0		4.03	
S 113 1,3-Dichloropropene, Total	75				0		3.88	
S 114 Xylenes, Total	106				0		6.02	

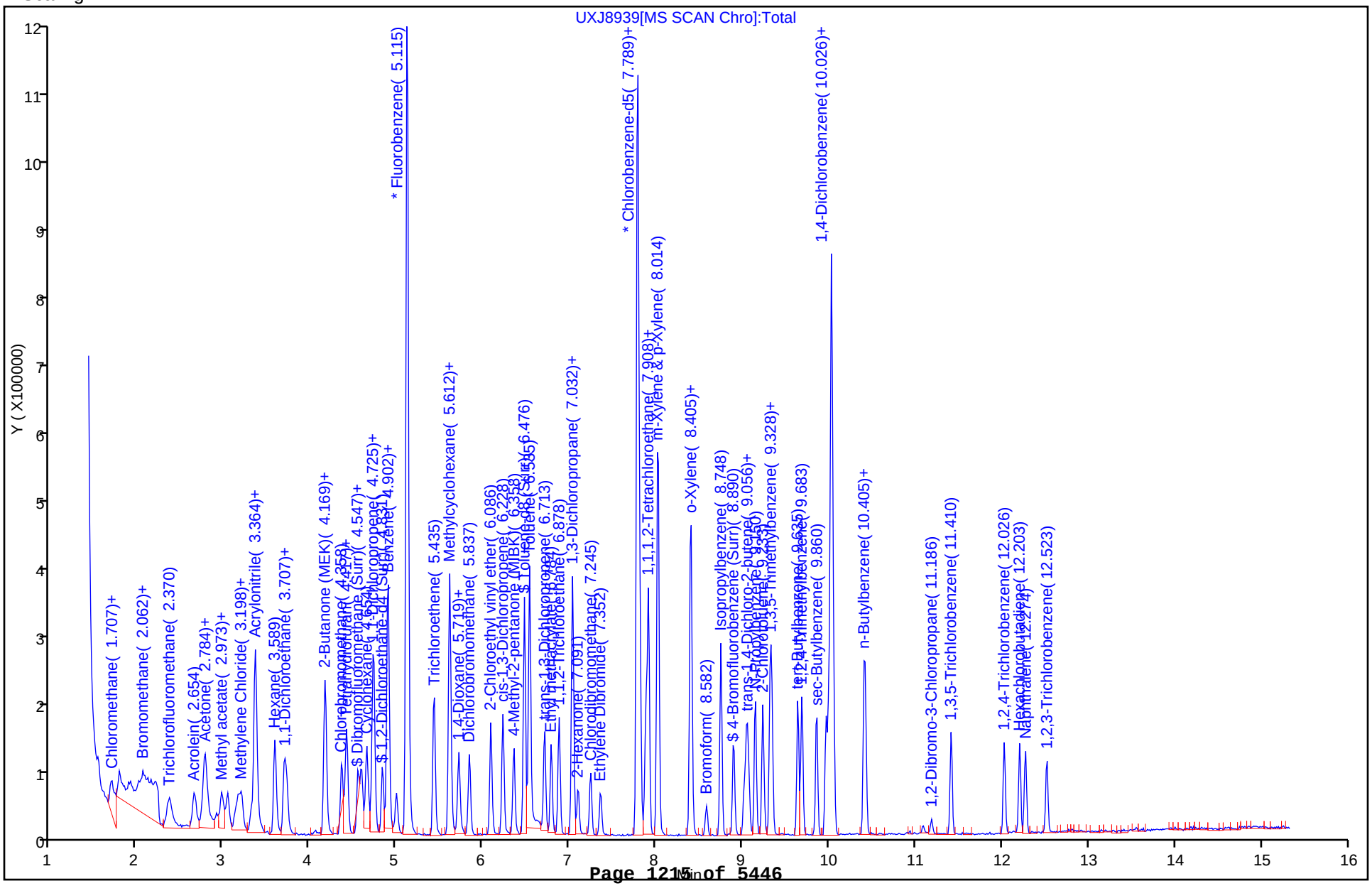
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8939.D

Injection Date:	11-Dec-2012 13:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68124	Lims Sample ID:	6
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8940.D
Lims ID: STD8260 L1 Client ID:
Inject. Date: 11-Dec-2012 13:32:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015710-007
Misc. Info.: J21211A-IC,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 68124 Lims Sample ID: 7
Sublist: chrom-8260_11*sub11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\8260_11.m
Last Update: 12-Dec-2012 09:05:52 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

First Level Reviewer: evansle Date: 11-Dec-2012 13:54:58

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1298543	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	82	779483	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	92	289416	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	89	36700	1.03	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	86	42571	1.03	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	77	134248	1.01	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	83	27969	1.05	
8 Dichlorodifluoromethane	85	1.554	1.554	0.0	77	27698	1.07	
9 Chloromethane	50	1.696	1.695	0.001	79	21972	0.9529	
10 Vinyl chloride	62	1.790	1.790	0.0	66	23163	0.9651	
11 Bromomethane	94	2.074	2.074	0.0	70	10705	0.9455	
12 Chloroethane	64	2.157	2.157	0.0	69	12717	0.9526	
14 Trichlorofluoromethane	101	2.358	2.358	0.0	76	26664	0.9678	
16 Acrolein	56	2.654	2.654	0.0	87	36531	10.2	
17 Acetone	43	2.772	2.772	0.0	89	41201	3.56	
19 1,1-Dichloroethene	96	2.784	2.784	0.0	76	23725	1.03	
18 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.784	2.784	0.0	32	17145	1.06	
21 Iodomethane	142	2.914	2.914	0.0	84	24025	0.8837	
23 Carbon disulfide	76	2.973	2.973	0.0	95	54003	0.9488	
24 Acetonitrile	41	2.997	2.997	0.0	93	25814	11.3	
25 Methyl acetate	43	3.044	3.044	0.0	86	40723	1.98	
26 Methylene Chloride	84	3.163	3.163	0.0	77	32456	1.26	
27 2-Methyl-2-propanol	59	3.210	3.210	0.0	91	34580	19.8	
28 Acrylonitrile	53	3.328	3.317	0.011	86	19666	2.03	
30 Methyl tert-butyl ether	73	3.364	3.364	0.0	86	96064	0.9690	
29 trans-1,2-Dichloroethene	96	3.364	3.364	0.0	58	34828	0.9870	
31 Hexane	86	3.589	3.589	0.0	90	9331	1.14	
32 1,1-Dichloroethane	63	3.695	3.695	0.0	74	54891	0.9527	
33 Vinyl acetate	86	3.731	3.731	0.0	96	6056	0.8506	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	4.169	4.169	0.0	67	41322	1.00	
38 2-Butanone (MEK)	43	4.169	4.169	0.0	52	21979	2.02	
39 2,2-Dichloropropane	77	4.180	4.180	0.0	57	24217	1.02	
43 Chlorobromomethane	128	4.370	4.370	0.0	60	20124	0.9738	
44 Tetrahydrofuran	42	4.417	4.405	0.012	36	7213	1.00	
45 Chloroform	83	4.417	4.417	0.0	74	63733	0.9787	
46 1,1,1-Trichloroethane	97	4.595	4.595	0.0	84	37937	1.05	
47 Cyclohexane	56	4.654	4.654	0.0	81	38358	1.01	
48 1,1-Dichloropropene	75	4.725	4.725	0.0	87	50867	1.01	
49 Carbon tetrachloride	117	4.737	4.737	0.0	74	34833	1.00	
51 1,2-Dichloroethane	62	4.902	4.902	0.0	55	50976	1.03	
52 Benzene	78	4.902	4.902	0.0	95	149696	0.99	
56 Trichloroethene	130	5.435	5.435	0.0	85	43001	1.00	
58 Methylcyclohexane	83	5.612	5.612	0.0	80	48961	1.09	
59 1,2-Dichloropropane	63	5.612	5.612	0.0	72	29669	0.9038	
61 Dibromomethane	93	5.719	5.719	0.0	74	18534	0.9479	
62 1,4-Dioxane	88	5.719	5.719	0.0	19	10610	47.1	
63 Dichlorobromomethane	83	5.837	5.837	0.0	91	43135	0.9415	
65 2-Chloroethyl vinyl ether	63	6.086	6.086	0.0	88	38290	2.01	
66 cis-1,3-Dichloropropene	75	6.228	6.228	0.0	74	52168	0.9448	
67 4-Methyl-2-pentanone (MIBK)	43	6.358	6.358	0.0	83	46150	2.12	
68 Toluene	91	6.535	6.535	0.0	88	154407	0.9668	
69 trans-1,3-Dichloropropene	75	6.713	6.713	0.0	77	43781	0.9532	
70 Ethyl methacrylate	69	6.784	6.784	0.0	81	34585	0.9340	
71 1,1,2-Trichloroethane	97	6.878	6.878	0.0	82	26718	0.9818	
72 Tetrachloroethene	164	7.032	7.032	0.0	92	32280	0.99	
73 1,3-Dichloropropane	76	7.032	7.032	0.0	87	45391	0.9695	
74 2-Hexanone	43	7.091	7.091	0.0	87	27175	2.16	
76 Chlorodibromomethane	129	7.245	7.245	0.0	71	27402	0.9142	
77 Ethylene Dibromide	107	7.363	7.352	0.011	79	24273	0.9613	
79 Chlorobenzene	112	7.813	7.813	0.0	92	80847	0.9734	
80 1,1,1,2-Tetrachloroethane	131	7.884	7.884	0.0	75	28838	0.9575	
81 Ethylbenzene	106	7.908	7.908	0.0	97	44787	0.9887	
82 m-Xylene & p-Xylene	106	8.026	8.026	0.0	96	100955	1.92	
83 o-Xylene	106	8.393	8.393	0.0	90	45325	0.9763	
84 Styrene	104	8.405	8.405	0.0	84	68898	0.9290	
85 Bromoform	173	8.582	8.582	0.0	79	11056	0.8406	
86 Isopropylbenzene	105	8.748	8.748	0.0	90	102729	0.9841	
88 1,1,2,2-Tetrachloroethane	83	9.020	9.020	0.0	60	17799	1.01	
89 Bromobenzene	156	9.044	9.044	0.0	88	26504	1.00	
90 1,2,3-Trichloropropane	110	9.067	9.067	0.0	54	6865	1.08	
91 trans-1,4-Dichloro-2-butene	53	9.067	9.067	0.0	35	2825	0.9109	
92 N-Propylbenzene	120	9.150	9.150	0.0	90	22641	0.9712	
93 2-Chlorotoluene	126	9.233	9.233	0.0	89	20388	0.9713	
94 1,3,5-Trimethylbenzene	105	9.316	9.316	0.0	88	64423	0.9667	
95 4-Chlorotoluene	126	9.340	9.340	0.0	90	20060	0.9239	
96 tert-Butylbenzene	119	9.635	9.635	0.0	73	53418	0.9365	
97 1,2,4-Trimethylbenzene	105	9.683	9.683	0.0	59	69335	1.00	
98 sec-Butylbenzene	105	9.860	9.860	0.0	75	74354	0.9862	
99 1,3-Dichlorobenzene	146	9.967	9.967	0.0	88	42971	0.9683	
100 4-Isopropyltoluene	119	10.002	10.002	0.0	88	62352	0.9364	
101 1,4-Dichlorobenzene	146	10.050	10.050	0.0	77	47900	1.02	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
103 n-Butylbenzene	91	10.405	10.405	0.0	86	56788	1.01	
104 1,2-Dichlorobenzene	146	10.416	10.416	0.0	91	45487	1.04	
105 1,2-Dibromo-3-Chloropropane	157	11.186	11.185	0.001	14	3382	0.9439	
106 1,3,5-Trichlorobenzene	180	11.410	11.410	0.0	74	31477	1.07	
107 1,2,4-Trichlorobenzene	180	12.026	12.026	0.0	75	26096	0.5535	
108 Hexachlorobutadiene	225	12.203	12.203	0.0	61	16532	0.6800	
109 Naphthalene	128	12.274	12.274	0.0	80	58205	0.6692	
110 1,2,3-Trichlorobenzene	180	12.523	12.523	0.0	59	22868	1.27	
S 138 Trihalomethanes, Total	1				0		3.67	
S 112 1,2-Dichloroethene, Total	96				0		1.99	
S 113 1,3-Dichloropropene, Total	75				0		1.90	
S 114 Xylenes, Total	106				0		2.89	

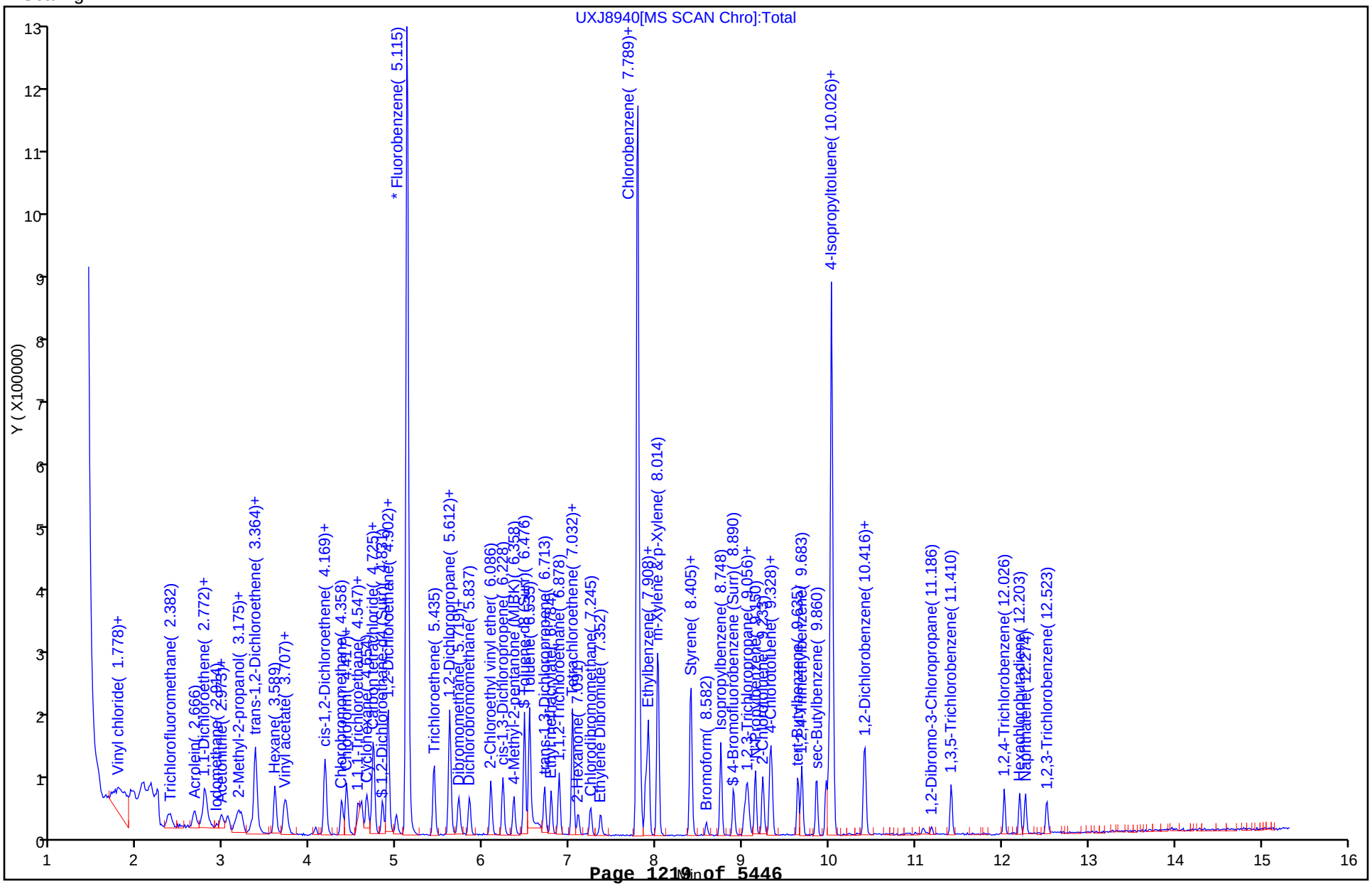
Report Date: 12-Dec-2012 09:05:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8940.D

Injection Date:	11-Dec-2012 13:32:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68124	Lims Sample ID:	7
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68080

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/11/2012 03:47 Calibration End Date: 12/11/2012 06:15 Calibration ID: 12748

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-68080/10	UX82343.D
Level 2	STD8260 240-68080/9	UX82342.D
Level 3	STD8260 240-68080/8	UX82341.D
Level 4	STD8260 240-68080/7	UX82340.D
Level 5	ICIS 240-68080/6	UX82339.D
Level 6	STD8260 240-68080/5	UX82338.D
Level 7	STD8260 240-68080/4	UX82337.D
Level 8	STD8260 240-68080/3	UX82336.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1341 0.1803	0.1451 0.1863	0.1637 0.1702	0.1732	0.1592	Ave		0.1640			0.1000	11.0		15.0			
Chloromethane	0.3333 0.3188	0.3124 0.3368	0.3000 0.3030	0.3136	0.2978	Ave		0.3145			0.1000	4.6		15.0			
Vinyl chloride	0.1487 0.1985	0.1651 0.2076	0.1781 0.1911	0.1966	0.1839	Ave		0.1837			0.1000	11.0		15.0			
Bromomethane	0.0766 0.0820	0.0923 0.0603	0.0891 0.0470	0.0948	0.0801	Qua	0.1026	0.0791	0		0.0500				0.9960		0.9900
2-Chloroethyl vinyl ether	+++++ 0.0003	+++++ 0.0004	+++++ 0.0009	+++++	+++++	Ave		0.0005				68.0	*	15.0			
Chloroethane	0.0969 0.1027	0.1096 0.0857	0.1030	0.1108	0.1004	Qua	-0.055	0.1175	0						0.9990		0.9900
Trichlorofluoromethane	0.1836 0.2387	0.1821 0.2401	0.2091 0.2183	0.2335	0.2219	Ave		0.2159			0.1000	11.0		15.0			
Acrolein	+++++ 0.0531	+++++ 0.0508	0.0624 0.0549	0.0564	0.0542	Ave		0.0553				7.2		15.0			
1,1-Dichloroethene	+++++ 0.1768	+++++ 0.1665	0.1407 0.1631	0.1764	0.1622	Ave		0.1643			0.1000	8.0		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.1530	+++++ 0.1466	0.1315 0.1390	0.1533	0.1390	Ave		0.1437			0.0500	6.1		15.0			
Acetone	+++++ 0.1320	+++++ 0.1266	0.2042 0.1388	0.1588	0.1490	Qua	1.1649	0.1095	0.0001		0.0500				1.0000		0.9900
Iodomethane	0.3058 0.3564	0.3056 0.3504	0.3036 0.3342	0.3560	0.3237	Ave		0.3295				7.0		15.0			
Carbon disulfide	+++++ 0.5221	+++++ 0.5260	0.3905 0.5134	0.4763	0.4553	Ave		0.4806			0.1000	11.0		15.0			
Acetonitrile	0.0621 0.0472	0.0606 0.0477	0.0573 0.0512	0.0529	0.0480	Ave		0.0534				11.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68080

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/11/2012 03:47 Calibration End Date: 12/11/2012 06:15 Calibration ID: 12748

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Methyl acetate	0.3013 0.3241	0.3672 0.3118	0.3361 0.3436	0.3284	0.3168	Ave		0.3287			0.1000	6.3		15.0			
Hexane	+++++ 0.0598	+++++ 0.0580	0.0517 0.0568	0.0615	0.0524	Ave		0.0567				6.9		15.0			
Methylene Chloride	+++++ 0.2363	+++++ 0.2175	0.3116 0.2110	0.3204	0.2299	Lin1	0.6861	0.2104			0.1000				0.9970		0.9950
2-Methyl-2-propanol	0.0212 0.0236	0.0268 0.0236	0.0238 0.0255	0.0258	0.0236	Ave		0.0242				7.2		15.0			
Acrylonitrile	0.1309 0.1332	0.1628 0.1329	0.1406 0.1413	0.1349	0.1346	Ave		0.1389				7.4		15.0			
Methyl tert-butyl ether	0.4686 0.6111	0.5695 0.6096	0.5085 0.6088	0.5970	0.5620	Ave		0.5669			0.1000	9.3		15.0			
trans-1,2-Dichloroethene	0.1755 0.2047	0.1561 0.2050	0.1790 0.1943	0.2150	0.1978	Ave		0.1909			0.1000	10.0		15.0			
1,1-Dichloroethane	0.3510 0.4075	0.3328 0.4030	0.3599 0.3944	0.4130	0.3739	Ave		0.3794			0.1000	7.8		15.0			
Vinyl acetate	+++++ 0.0446	+++++ 0.0455	0.0344 0.0480	0.0394	0.0381	Ave		0.0417				12.0		15.0			
2-Butanone (MEK)	0.2054 0.1925	0.2263 0.1883	0.2189 0.2066	0.1945	0.1980	Ave		0.2038			0.0500	6.5		15.0			
cis-1,2-Dichloroethene	0.1921 0.2378	0.2135 0.2311	0.2084 0.2240	0.2477	0.2227	Ave		0.2222			0.1000	7.9		15.0			
2,2-Dichloropropane	+++++ 0.1685	+++++ 0.1692	0.1306 0.1373	0.1664	0.1501	Ave		0.1537				11.0		15.0			
Chlorobromomethane	0.1110 0.1334	0.1336 0.1307	0.1165 0.1285	0.1389	0.1253	Ave		0.1272				7.4		15.0			
Tetrahydrofuran	0.1293 0.1234	0.1471 0.1159	0.1223 0.1310	0.1265	0.1214	Ave		0.1271				7.4		15.0			
Chloroform	0.3272 0.3815	0.3377 0.3777	0.3279 0.3633	0.3776	0.3509	Ave		0.3555				6.4		15.0			
1,1,1-Trichloroethane	+++++ 0.3061	+++++ 0.3027	0.2311 0.2847	0.2843	0.2744	Ave		0.2805			0.1000	9.6		15.0			
Cyclohexane	+++++ 0.4961	+++++ 0.4840	0.4044 0.4524	0.4781	0.4419	Ave		0.4595			0.1000	7.3		15.0			
1,1-Dichloropropene	+++++ 0.2726	0.1757 0.2682	0.2384 0.2592	0.2758	0.2579	Ave		0.2497				14.0		15.0			
Carbon tetrachloride	+++++ 0.2863	+++++ 0.2862	0.2239 0.2781	0.2614	0.2553	Ave		0.2652			0.1000	9.0		15.0			
1,2-Dichloroethane	0.3168 0.3755	0.4157 0.3676	0.3423 0.3668	0.3851	0.3534	Ave		0.3654			0.1000	8.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68080

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/11/2012 03:47 Calibration End Date: 12/11/2012 06:15 Calibration ID: 12748

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzene	0.7023 0.7957	0.6865 0.7875	0.7012 0.7521	0.8088	0.7489	Ave		0.7479			0.5000	6.3		15.0			
Trichloroethene	0.2098 0.2528	0.1970 0.2450	0.2131 0.2393	0.2482	0.2311	Ave		0.2295			0.2000	8.9		15.0			
Methylcyclohexane	+++++ 0.3734	+++++ 0.3589	0.2981 0.3376	0.3642	0.3385	Ave		0.3451			0.1000	7.8		15.0			
1,2-Dichloropropane	0.2092 0.2299	0.2043 0.2265	0.1920 0.2192	0.2215	0.2156	Ave		0.2148			0.1000	5.8		15.0			
1,4-Dioxane	0.0023 0.0022	0.0027 0.0021	0.0023 0.0022	0.0025	0.0023	Ave		0.0023				7.8		15.0			
Dibromomethane	0.0954 0.1308	0.1251 0.1293	0.1130 0.1306	0.1311	0.1255	Ave		0.1226				10.0		15.0			
Dichlorobromomethane	0.1968 0.2672	0.2257 0.2755	0.2005 0.2768	0.2420	0.2350	Ave		0.2399			0.1000	13.0		15.0			
cis-1,3-Dichloropropene	+++++ 0.3024	+++++ 0.3120	0.2129 0.3152	0.2629	0.2544	Ave		0.2766			0.1500	15.0		15.0			
4-Methyl-2-pentanone (MIBK)	0.3448 0.3632	0.3894 0.3548	0.3660 0.3743	0.3566	0.3751	Ave		0.3655			0.0500	3.8		15.0			
Toluene	1.0951 1.2785	1.0712 1.2749	1.1422 1.2508	1.3056	1.2288	Ave		1.2059			0.4000	7.5		15.0			
trans-1,3-Dichloropropene	0.2207 0.3754	0.2513 0.3971	0.2394 0.4149	0.3174	0.3190	Qua	-0.586	0.3805	0.0002		0.1000				1.0000		0.9900
Ethyl methacrylate	+++++ 0.3900	0.3144 0.3947	0.2883 0.4088	0.3605	0.3509	Ave		0.3582				12.0		15.0			
1,1,2-Trichloroethane	0.2288 0.2625	0.2482 0.2571	0.2290 0.2578	0.2657	0.2502	Ave		0.2499			0.1000	5.7		15.0			
1,3-Dichloropropane	0.3667 0.4345	0.4288 0.4327	0.3883 0.4274	0.4594	0.4137	Ave		0.4189				6.9		15.0			
Tetrachloroethene	0.1935 0.2778	0.1875 0.2772	0.2517 0.2680	0.2799	0.2675	Ave		0.2504			0.2000	15.0		15.0			
2-Hexanone	0.3136 0.3555	0.3745 0.3598	0.3488 0.3732	0.3627	0.3787	Ave		0.3583			0.0500	5.8		15.0			
Chlorodibromomethane	0.1733 0.3116	0.2231 0.3235	0.2039 0.3346	0.2742	0.2671	Qua	-0.427	0.3146	0.0001						1.0000		0.9900
Ethylene Dibromide	0.2299 0.2744	0.2659 0.2772	0.2290 0.2804	0.2828	0.2550	Ave		0.2618				8.3		15.0			
Chlorobenzene	0.8156 0.8689	0.8485 0.8675	0.7766 0.8346	0.8914	0.8160	Ave		0.8399			0.3000	4.4		15.0			
1,1,1,2-Tetrachloroethane	0.2059 0.3085	0.2500 0.3111	0.2286 0.3082	0.2889	0.2737	Ave		0.2719				15.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68080

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/11/2012 03:47 Calibration End Date: 12/11/2012 06:15 Calibration ID: 12748

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	0.3655 0.4468	0.3645 0.4422	0.3617 0.4337	0.4464	0.4332	Ave		0.4117				9.7		15.0			
m-Xylene & p-Xylene	0.4362 0.5497	0.4250 0.5425	0.4626 0.5100	0.5479	0.5201	Ave		0.4992				10.0		15.0			
o-Xylene	0.3834 0.5216	0.4061 0.5176	0.4493 0.4829	0.5246	0.4913	Ave		0.4721				11.0		15.0			
Styrene	+++++ 0.9028	0.6528 0.8943	0.6743 0.8518	0.8284	0.8211	Ave		0.8036			0.3000	13.0		15.0			
Bromoform	0.1002 0.1783	0.1168 0.1868	0.1071 0.2079	0.1500	0.1460	Qua	-0.218	0.1692	0.0002		0.1000				1.0000		0.9900
Isopropylbenzene	+++++ 1.3430	0.8791 1.3599	1.1061 1.3124	1.3164	1.2752	Ave		1.2274			0.1000	14.0		15.0			
1,1,2,2-Tetrachloroethane	0.5012 0.5942	0.5758 0.5799	0.5801 0.6022	0.6259	0.5735	Ave		0.5791			0.3000	6.2		15.0			
Bromobenzene	0.6954 0.7788	0.7311 0.7594	0.6650 0.7194	0.7845	0.7301	Ave		0.7330				5.6		15.0			
1,2,3-Trichloropropane	0.1505 0.2285	0.2477 0.2184	0.2238 0.2188	0.2497	0.2123	Ave		0.2187				14.0		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2802	0.2306 0.2849	0.2066 0.3037	0.2548	0.2516	Ave		0.2589				13.0		15.0			
N-Propylbenzene	+++++ 0.7711	+++++ 0.7608	0.5932 0.7119	0.7768	0.7161	Ave		0.7217				9.5		15.0			
2-Chlorotoluene	0.5828 0.6776	0.5873 0.6708	0.5783 0.6299	0.6856	0.6322	Ave		0.6306				7.0		15.0			
1,3,5-Trimethylbenzene	+++++ 2.2296	1.4997 2.2180	1.8259 2.1069	2.1813	2.0919	Ave		2.0219				13.0		15.0			
4-Chlorotoluene	0.5372 0.7159	0.5897 0.7057	0.6196 0.6600	0.7169	0.6716	Ave		0.6521				10.0		15.0			
tert-Butylbenzene	+++++ 2.2203	1.3386 2.0794	1.7985 1.9415	2.0437	1.9309	Ave		1.9076				15.0		15.0			
1,2,4-Trimethylbenzene	1.4421 2.2284	1.5927 2.1915	1.8902 2.1278	2.2224	2.0489	Ave		1.9680				15.0		15.0			
sec-Butylbenzene	+++++ 2.7109	1.7307 2.7140	2.4156 2.6088	2.7260	2.5360	Ave		2.4917				14.0		15.0			
1,3-Dichlorobenzene	1.2160 1.3801	1.3057 1.3706	1.2216 1.3148	1.4162	1.2835	Ave		1.3136			0.6000	5.5		15.0			
4-Isopropyltoluene	+++++ 2.3247	+++++ 2.3223	1.8871 2.2481	2.3295	2.2047	Ave		2.2194				7.7		15.0			
1,4-Dichlorobenzene	1.2975 1.4137	1.4179 1.3979	1.3244 1.3521	1.5001	1.3185	Ave		1.3778			0.5000	4.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68080

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/11/2012 03:47 Calibration End Date: 12/11/2012 06:15 Calibration ID: 12748

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	+++++ 1.9063	1.2277 1.9211	1.5615 1.8623	1.8959	1.7752	Ave		1.7357				15.0		15.0			
1,2-Dichlorobenzene	1.2094 1.2646	1.2733 1.2494	1.1822 1.2454	1.3608	1.2007	Ave		1.2482			0.4000	4.5		15.0			
1,2-Dibromo-3-Chloropropane	0.0730 0.0990	0.0845 0.1092	0.0919 0.1337	0.0920	0.0845	Qua	-0.001	0.0853	0.0002		0.0500				1.0000		0.9900
1,3,5-Trichlorobenzene	0.7849 0.7460	0.7758 0.7939	0.8073 0.8770	0.8393	0.7168	Ave		0.7926				6.4		15.0			
1,2,4-Trichlorobenzene	0.7290 0.6226	0.8046 0.6717	0.7099 0.7416	0.7127	0.6119	Qua	0.4595	0.5868	0.0008		0.2000				1.0000		0.9900
Hexachlorobutadiene	0.2723 0.2406	0.2786 0.2527	0.3247 0.3138	0.3415	0.2850	Qua	0.7437	0.1923	0.0006						0.9990		0.9900
Naphthalene	+++++ 1.5572	+++++ 1.6596	1.5895 1.7930	1.5326	1.3747	Qua	-0.966	1.5188	0.0014						1.0000		0.9900
1,2,3-Trichlorobenzene	0.7807 0.4748	0.7344 0.5146	0.6813 0.5708	0.5860	0.4759	Qua	0.7492	0.4393	0.0006						1.0000		0.9900
Dibromofluoromethane (Surr)	2.8450 0.2720	1.8469 0.2381	0.7628 0.2300	0.5913	0.3810	Qua	3.1994	0.2037	0.0001						0.9990		0.9900
1,2-Dichloroethane-d4 (Surr)	3.8137 0.3491	2.5836 0.3135	1.0055 0.3126	0.7942	0.5082	Qua	4.4184	0.2535	0.0002						0.9990		0.9900
Toluene-d8 (Surr)	14.137 1.3819	9.1216 1.2155	3.8564 1.1243	2.9704	1.9284	Qua	15.585	1.0870	0						0.9990		0.9900
4-Bromofluorobenzene (Surr)	5.1703 0.4696	3.3444 0.4205	1.3486 0.3993	1.0602	0.6953	Qua	5.7875	0.3588	0.0001						0.9990		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68080

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/11/2012 03:47 Calibration End Date: 12/11/2012 06:15 Calibration ID: 12748

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-68080/10	UX82343.D
Level 2	STD8260 240-68080/9	UX82342.D
Level 3	STD8260 240-68080/8	UX82341.D
Level 4	STD8260 240-68080/7	UX82340.D
Level 5	ICIS 240-68080/6	UX82339.D
Level 6	STD8260 240-68080/5	UX82338.D
Level 7	STD8260 240-68080/4	UX82337.D
Level 8	STD8260 240-68080/3	UX82336.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	4288 300966	9390 622528	27816 1146103	57793	108434	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Chloromethane	FB	Ave	10661 532140	20218 1125470	50984 2040987	104636	202849	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Vinyl chloride	FB	Ave	4755 331353	10684 693700	30277 1287106	65579	125246	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Bromomethane	FB	Qua	2449 136923	5973 201363	15148 316700	31631	54586	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 914	+++++ 2402	+++++ 12410	+++++	+++++	+++++ 100	+++++ 200	+++++ 400	+++++	+++++
Chloroethane	FB	Qua	3100 171459	7091 286228	17499	36964	68404	1.00 50.0	2.00 100	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	5872 398410	11787 802391	35539 1470595	77911	151123	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Acrolein	FB	Ave	+++++ 886349	+++++ 1696101	106050 3700543	188133	368922	+++++ 500	+++++ 1000	50.0 2000	100	200
1,1-Dichloroethene	FB	Ave	+++++ 295140	+++++ 556337	23913 1098495	58859	110450	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	+++++ 255344	+++++ 490027	22349 936464	51143	94652	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
Acetone	FB	Qua	+++++ 440666	+++++ 846004	69409 1869617	105950	202990	+++++ 100	+++++ 200	10.0 400	20.0	40.0
Iodomethane	FB	Ave	9782 594787	19780 1171006	51600 2250782	118779	220464	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Carbon disulfide	FB	Ave	+++++ 871314	+++++ 1757722	66375 3457765	158915	310093	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
Acetonitrile	FB	Ave	19865 788533	39210 1593116	97444 3446476	176337	326716	10.0 500	20.0 1000	50.0 2000	100	200
Methyl acetate	FB	Ave	19272 1081955	47535 2083823	114267 4628288	219134	431487	2.00 100	4.00 200	10.0 400	20.0	40.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68080

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/11/2012 03:47 Calibration End Date: 12/11/2012 06:15 Calibration ID: 12748

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Hexane	FB	Ave	+++++ 99749	+++++ 193875	8792 382617	20507	35669	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
Methylene Chloride	FB	Lin1	+++++ 394375	+++++ 726975	52955 1421337	106900	156562	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
2-Methyl-2-propanol	FB	Ave	13586 787232	34728 1577448	80927 3437151	172064	321050	20.0 1000	40.0 2000	100 4000	200	400
Acrylonitrile	FB	Ave	8372 444512	21070 888342	47810 1903598	90023	183393	2.00 100	4.00 200	10.0 400	20.0	40.0
Methyl tert-butyl ether	FB	Ave	14987 1019969	36858 2037131	86437 4100555	199154	382769	1.00 50.0	2.00 100	5.00 200	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	5615 341671	10101 685038	30433 1308529	71712	134703	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1-Dichloroethane	FB	Ave	11226 680193	21543 1346826	61170 2656216	137786	254666	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Vinyl acetate	FB	Ave	+++++ 74446	+++++ 151993	5845 323381	13148	25956	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
2-Butanone (MEK)	FB	Ave	13140 642700	29301 1258431	74400 2783185	129756	269707	2.00 100	4.00 200	10.0 400	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	6143 396903	13817 772267	35424 1508671	82642	151681	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2,2-Dichloropropane	FB	Ave	+++++ 281225	+++++ 565269	22198 924871	55505	102196	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
Chlorobromomethane	FB	Ave	3549 222665	8647 436635	19805 865277	46355	85310	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Tetrahydrofuran	FB	Ave	4137 206035	9522 387236	20792 882434	42190	82667	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Chloroform	FB	Ave	10467 636748	21856 1262151	55727 2447329	125961	238986	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 510807	+++++ 1011550	39286 1917667	94831	186911	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
Cyclohexane	FB	Ave	+++++ 827927	+++++ 1617283	68737 3047305	159503	300927	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
1,1-Dichloropropene	FB	Ave	+++++ 454972	11372 896369	40525 1746132	92018	175649	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
Carbon tetrachloride	FB	Ave	+++++ 477892	+++++ 956456	38050 1873008	87200	173857	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
1,2-Dichloroethane	FB	Ave	10133 626713	26906 1228422	58182 2470608	128483	240657	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Benzene	FB	Ave	22464 1328065	44433 2631662	119187 5065833	269838	510042	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Trichloroethene	FB	Ave	6712 421870	12750 818748	36213 1611916	82800	157358	1.00 50.0	2.00 100	5.00 200	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68080

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/11/2012 03:47 Calibration End Date: 12/11/2012 06:15 Calibration ID: 12748

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Methylcyclohexane	FB	Ave	+++++ 623134	+++++ 1199182	50672 2273887	121498	230556	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
1,2-Dichloropropane	FB	Ave	6692 383648	13225 756841	32630 1476375	73910	146834	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,4-Dioxane	FB	Ave	3680 184196	8615 355423	19647 737071	42384	79782	50.0 2500	100 5000	250 10000	500	1000
Dibromomethane	FB	Ave	3053 218241	8094 431961	19210 879497	43734	85494	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Dichlorobromomethane	FB	Ave	6294 446010	14606 920579	34080 1864164	80750	160059	1.00 50.0	2.00 100	5.00 200	10.0	20.0
cis-1,3-Dichloropropene	FB	Ave	+++++ 504749	+++++ 1042620	36182 2123368	87705	173266	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	22059 1212310	50406 2371289	124430 5041676	237953	510872	2.00 100	4.00 200	10.0 400	20.0	40.0
Toluene	CBZ	Ave	25831 1519871	51332 2954469	138475 5770876	309836	587686	1.00 50.0	2.00 100	5.00 200	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Qua	5206 446223	12044 920285	29021 1914070	75325	152584	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Ethyl methacrylate	CBZ	Ave	+++++ 463675	15066 914716	34957 1886028	85545	167837	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	5396 312101	11891 595848	27758 1189480	63060	119678	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	8650 516540	20546 1002639	47074 1971928	109023	197851	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Tetrachloroethene	CBZ	Ave	4565 330200	8984 642419	30519 1236515	66415	127907	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2-Hexanone	CBZ	Ave	14794 845205	35890 1667471	84575 3443489	172130	362218	2.00 100	4.00 200	10.0 400	20.0	40.0
Chlorodibromomethane	CBZ	Qua	4088 370460	10691 749724	24720 1543716	65065	127756	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Ethylene Dibromide	CBZ	Ave	5424 326190	12742 642322	27769 1293529	67118	121972	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Chlorobenzene	CBZ	Ave	19238 1032975	40657 2010299	94155 3850739	211547	390232	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	4856 366767	11979 720914	27715 1421905	68549	130890	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Ethylbenzene	CBZ	Ave	8622 531108	17466 1024802	43853 2000741	105928	207172	1.00 50.0	2.00 100	5.00 200	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	20578 1306894	40732 2514409	112173 4705650	260044	497464	2.00 100	4.00 200	10.0 400	20.0	40.0
o-Xylene	CBZ	Ave	9044 620134	19458 1199526	54469 2228064	124497	234944	1.00 50.0	2.00 100	5.00 200	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68080

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/11/2012 03:47 Calibration End Date: 12/11/2012 06:15 Calibration ID: 12748

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Styrene	CBZ	Ave	+++++ 1073267	31283 2072519	81749 3929679	196582	392681	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
Bromoform	CBZ	Qua	2363 211910	5598 432874	12985 959024	35597	69813	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Isopropylbenzene	CBZ	Ave	+++++ 1596590	42123 3151426	134099 6055036	312403	609847	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	5730 340802	13206 661280	33647 1415753	71604	134268	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Bromobenzene	DCB	Ave	7950 446659	16769 865984	38570 1691124	89740	170947	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	1721 131078	5680 249057	12979 514311	28570	49701	1.00 50.0	2.00 100	5.00 200	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 160699	5289 324835	11981 714018	29150	58906	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
N-Propylbenzene	DCB	Ave	+++++ 442256	+++++ 867552	34406 1673507	88865	167672	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
2-Chlorotoluene	DCB	Ave	6663 388634	13469 764970	33539 1480884	78433	148014	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	+++++ 1278803	34395 2529370	105900 4952971	249524	489777	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
4-Chlorotoluene	DCB	Ave	6142 410599	13526 804701	35934 1551449	82005	157235	1.00 50.0	2.00 100	5.00 200	10.0	20.0
tert-Butylbenzene	DCB	Ave	+++++ 1273423	30702 2371218	104308 4564286	233791	452094	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	16487 1278109	36528 2499071	109630 5002241	254235	479723	1.00 50.0	2.00 100	5.00 200	10.0	20.0
sec-Butylbenzene	DCB	Ave	+++++ 1554843	39694 3094927	140098 6132995	311841	593761	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	13902 791556	29946 1562986	70849 3090787	162011	300501	1.00 50.0	2.00 100	5.00 200	10.0	20.0
4-Isopropyltoluene	DCB	Ave	+++++ 1333307	+++++ 2648278	109450 5284987	266484	516202	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	14834 810836	32520 1594096	76810 3178688	171603	308716	1.00 50.0	2.00 100	5.00 200	10.0	20.0
n-Butylbenzene	DCB	Ave	+++++ 1093329	28158 2190707	90564 4377932	216881	415627	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	13827 725318	29203 1424753	68566 2927741	155674	281132	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Qua	835 56758	1939 124515	5328 314302	10525	19787	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,3,5-Trichlorobenzene	DCB	Ave	8973 427841	17793 905319	46819 2061646	96015	167837	1.00 50.0	2.00 100	5.00 200	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68080

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/11/2012 03:47 Calibration End Date: 12/11/2012 06:15 Calibration ID: 12748

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trichlorobenzene	DCB	Qua	8334 357102	18453 765942	41174 1743497	81534	143272	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Hexachlorobutadiene	DCB	Qua	3113 138003	6390 288183	18831 737587	39064	66729	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Naphthalene	DCB	Qua	+++++ 893141	+++++ 1892570	92185 4215074	175317	321876	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Qua	8925 272322	16843 586824	39515 1341937	67035	111434	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Dibromofluoromethane (Surr)	FB	Qua	90999 453897	119538 795673	129651 1549298	197269	259492	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Qua	121982 582593	167223 1047586	170911 2105459	264948	346120	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Toluene-d8 (Surr)	CBZ	Qua	333473 1642840	437092 2816903	467540 5186934	704890	922265	1.00 50.0	2.00 100	5.00 200	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Qua	121959 558310	160256 974531	163501 1842356	251584	332534	1.00 50.0	2.00 100	5.00 200	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82336.D
Lims ID: STD8260 L8 Client ID:
Inject. Date: 11-Dec-2012 03:47:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 8
Sample ID: 240-0015698-003
Misc. Info.: M21211A,8260SUX8,,402279 =M21211A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 68080 Lims Sample ID: 3
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\8260_8.m
Last Update: 11-Dec-2012 21:45:21 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK003

First Level Reviewer: latat Date: 11-Dec-2012 04:08:41

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.146	5.156	-0.010	99	1683909	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.676	0.001	90	1153405	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.876	0.001	99	587712	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.624	0.001	63	1549298	200.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.885	4.885	0.0	98	2105459	200.2	
$ 7 Toluene-d8 (Surr)	98	6.423	6.422	0.001	94	5186934	200.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.753	8.753	0.0	92	1842356	200.2	
12 Dichlorodifluoromethane	85	1.573	1.584	-0.011	98	1146103	207.5	
13 Chloromethane	50	1.751	1.750	0.001	100	2040987	192.7	
14 Vinyl chloride	62	1.869	1.868	0.001	99	1287106	208.1	
15 Bromomethane	94	2.153	2.188	-0.035	91	316700	204.5	
16 Chloroethane	64	2.248	2.282	-0.034	93	389543	NaN	
18 Trichlorofluoromethane	101	2.484	2.507	-0.023	91	1470595	202.2	
20 Acrolein	56	2.839	2.838	0.001	93	3700543	1987.2	
21 1,1-Dichloroethene	96	2.922	2.933	-0.011	94	1098495	198.5	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.934	2.945	-0.011	90	936464	193.5	
22 Acetone	43	2.957	2.957	0.0	94	1869617	400.4	
24 Iodomethane	142	3.040	3.051	-0.011	99	2250782	202.9	
26 Carbon disulfide	76	3.099	3.110	-0.011	98	3457765	213.6	
27 Acetonitrile	41	3.170	3.169	0.001	99	3446476	1917.6	
28 Methyl acetate	43	3.218	3.217	0.001	98	4628288	418.1	
30 Methylene Chloride	84	3.300	3.300	0.0	90	1421337	197.3	
31 2-Methyl-2-propanol	59	3.395	3.382	0.013	92	3437151	4210.1	
32 Acrylonitrile	53	3.478	3.477	0.001	96	1903598	406.9	
34 Methyl tert-butyl ether	73	3.525	3.524	0.001	89	4100555	214.8	
33 trans-1,2-Dichloroethene	96	3.513	3.524	-0.011	89	1308529	203.5	
35 Hexane	86	3.726	3.737	-0.011	95	382617	200.4	
36 1,1-Dichloroethane	63	3.833	3.832	0.001	98	2656216	207.9	
37 Vinyl acetate	86	3.856	3.856	0.0	97	323381	230.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
41 2-Butanone (MEK)	43	4.270	4.269	0.001	96	2783185	405.5	
42 cis-1,2-Dichloroethene	96	4.270	4.269	0.001	85	1508671	201.6	
43 2,2-Dichloropropane	77	4.282	4.281	0.001	69	924871	178.7	
47 Chlorobromomethane	128	4.448	4.459	-0.011	89	865277	201.9	
48 Tetrahydrofuran	42	4.495	4.494	0.001	91	882434	206.1	
49 Chloroform	83	4.507	4.506	0.001	98	2447329	204.4	
50 1,1,1-Trichloroethane	97	4.661	4.672	-0.011	92	1917667	203.0	
51 Cyclohexane	56	4.720	4.719	0.001	97	3047305	196.9	
52 1,1-Dichloropropene	75	4.779	4.790	-0.011	80	1746132	207.6	
53 Carbon tetrachloride	117	4.803	4.802	0.001	85	1873008	209.7	
56 1,2-Dichloroethane	62	4.945	4.944	0.001	63	2470608	200.8	
55 Benzene	78	4.945	4.944	0.001	92	5065833	201.1	
60 Trichloroethene	130	5.441	5.441	0.0	92	1611916	208.5	
63 Methylcyclohexane	83	5.607	5.606	0.001	92	2273887	195.6	
62 1,2-Dichloropropane	63	5.619	5.618	0.001	85	1476375	204.1	
65 Dibromomethane	93	5.713	5.713	0.0	84	879497	213.0	
66 1,4-Dioxane	88	5.713	5.713	0.0	66	737071	9372.0	
67 Dichlorobromomethane	83	5.820	5.819	0.001	96	1864164	230.7	
69 2-Chloroethyl vinyl ether	63	6.045	6.045	0.0	69	12410	711.2	
70 cis-1,3-Dichloropropene	75	6.187	6.186	0.0	80	2123368	227.9	
71 4-Methyl-2-pentanone (MIBK)	43	6.305	6.304	0.001	98	5041676	409.6	
72 Toluene	91	6.482	6.481	0.001	96	5770876	207.5	
73 trans-1,3-Dichloropropene	75	6.636	6.635	0.001	90	1914070	199.8	
74 Ethyl methacrylate	69	6.707	6.706	0.001	87	1886028	228.2	
75 1,1,2-Trichloroethane	97	6.802	6.801	0.001	95	1189480	206.3	
76 1,3-Dichloropropane	76	6.955	6.955	0.0	90	1971928	204.0	
77 Tetrachloroethene	164	6.955	6.955	0.0	78	1236515	214.1	
78 2-Hexanone	43	7.003	7.002	0.001	96	3443489	416.6	
79 Chlorodibromomethane	129	7.156	7.156	0.0	90	1543716	199.9	
123 Ethylene Dibromide	107	7.275	7.274	0.001	98	1293529	214.2	
82 Chlorobenzene	112	7.712	7.712	0.0	93	3850739	198.8	
83 1,1,1,2-Tetrachloroethane	131	7.772	7.771	0.001	89	1421905	226.7	
84 Ethylbenzene	106	7.795	7.794	0.001	98	2000741	210.6	
10 m-Xylene & p-Xylene	106	7.902	7.901	0.001	98	4705650	408.6	
85 o-Xylene	106	8.268	8.268	0.0	87	2228064	204.6	
86 Styrene	104	8.280	8.279	0.001	88	3929679	212.0	
87 Bromoform	173	8.458	8.457	0.001	97	959024	200.0	
88 Isopropylbenzene	105	8.611	8.611	0.0	96	6055036	213.8	
90 1,1,2,2-Tetrachloroethane	83	8.872	8.871	0.001	86	1415753	208.0	
91 Bromobenzene	156	8.919	8.918	0.001	83	1691124	196.3	
92 1,2,3-Trichloropropane	110	8.931	8.930	0.001	85	514311	200.1	
93 trans-1,4-Dichloro-2-butene	53	8.931	8.930	0.001	76	714018	234.6	
94 N-Propylbenzene	120	9.002	9.001	0.001	98	1673507	197.3	
95 2-Chlorotoluene	126	9.096	9.096	0.0	97	1480884	199.8	
96 1,3,5-Trimethylbenzene	105	9.167	9.167	0.001	85	4952971	208.4	
104 4-Chlorotoluene	126	9.191	9.190	0.001	97	1551449	202.4	
97 tert-Butylbenzene	119	9.487	9.486	0.001	91	4564286	203.6	
98 1,2,4-Trimethylbenzene	105	9.534	9.533	0.001	77	5002241	216.2	
99 sec-Butylbenzene	105	9.700	9.699	0.001	94	6132995	209.4	
100 1,3-Dichlorobenzene	146	9.818	9.817	0.001	98	3090787	200.2	
101 4-Isopropyltoluene	119	9.842	9.841	0.001	91	5284987	202.6	
102 1,4-Dichlorobenzene	146	9.901	9.900	0.001	95	3178688	196.3	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	10.244	10.243	0.001	96	4377932	214.6	
106 1,2-Dichlorobenzene	146	10.267	10.267	0.0	98	2927741	199.5	
107 1,2-Dibromo-3-Chloropropane	157	11.024	11.024	0.0	84	314302	200.0	
108 1,3,5-Trichlorobenzene	180	11.249	11.248	0.001	98	2061646	221.3	
109 1,2,4-Trichlorobenzene	180	11.852	11.863	-0.011	92	1743497	199.9	
110 Hexachlorobutadiene	225	12.030	12.029	0.001	97	737587	200.3	
111 Naphthalene	128	12.101	12.100	0.001	97	4215074	199.9	
112 1,2,3-Trichlorobenzene	180	12.361	12.360	0.001	97	1341937	199.9	
S 136 Trihalomethanes, Total	1				0		835.0	
S 11 1,2-Dichloroethene, Total	96				0		405.1	
S 9 1,3-Dichloropropene, Total	75				0		427.7	
S 114 Xylenes, Total	106				0		613.2	

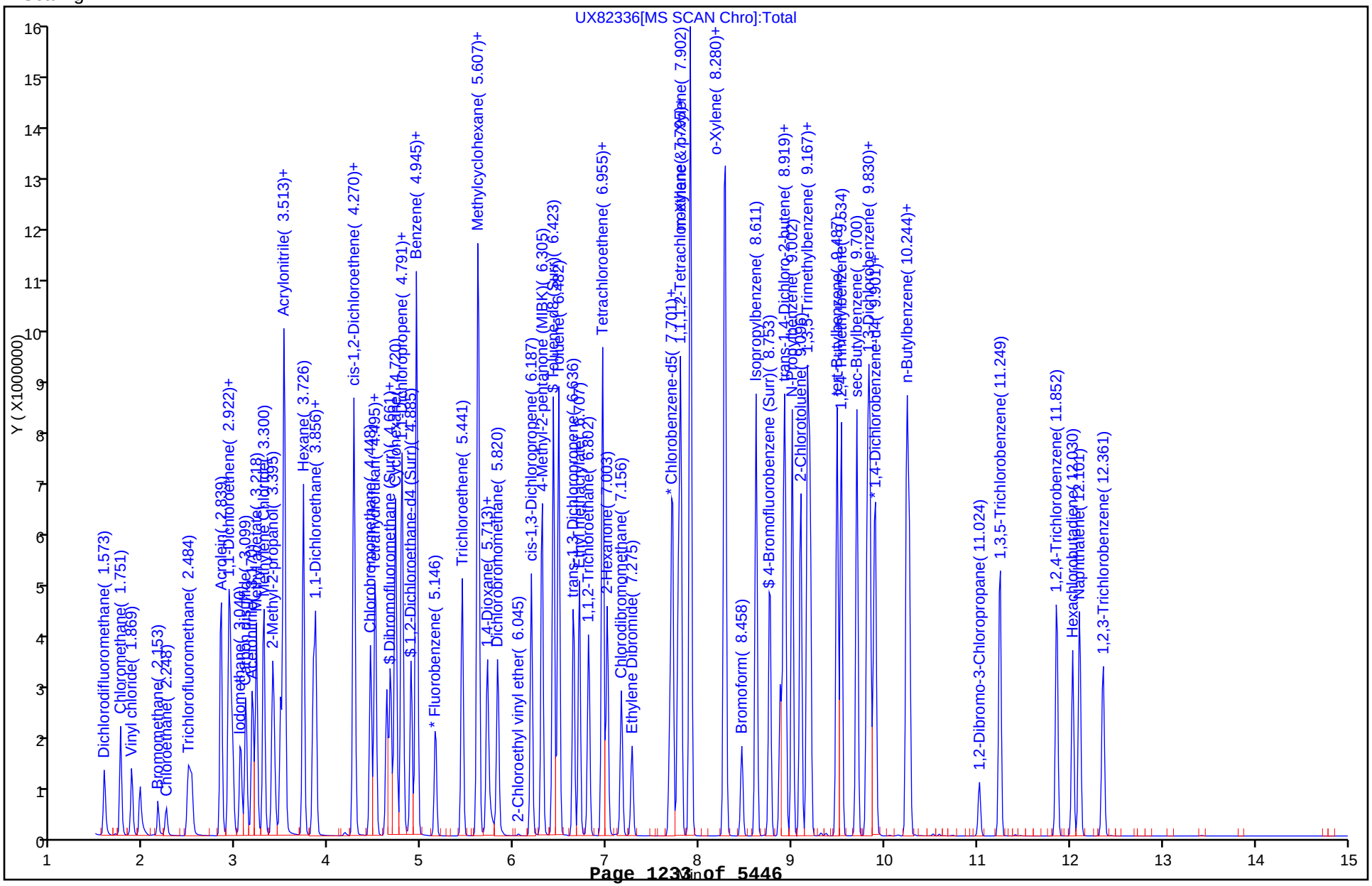
Report Date: 11-Dec-2012 21:45:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82336.D

Injection Date:	11-Dec-2012 03:47:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68080	Lims Sample ID:	3
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82337.D
Lims ID: STD8260 L7 Client ID:
Inject. Date: 11-Dec-2012 04:08:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 7
Sample ID: 240-0015698-004
Misc. Info.: M21211A,8260SUX8,,402279 =M21211A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 68080 Lims Sample ID: 4
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\8260_8.m
Last Update: 11-Dec-2012 21:45:22 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK003

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.146	5.156	-0.010	99	1670852	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.676	0.001	98	1158703	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.876	0.001	98	570182	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.624	0.001	58	795673	98.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.885	0.001	97	1047586	99.1	
$ 7 Toluene-d8 (Surr)	98	6.423	6.422	0.001	94	2816903	99.4	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.753	0.001	91	974531	99.5	
12 Dichlorodifluoromethane	85	1.574	1.584	-0.010	98	622528	113.6	
13 Chloromethane	50	1.751	1.750	0.001	100	1125470	107.1	
14 Vinyl chloride	62	1.869	1.868	0.001	99	693700	113.0	
15 Bromomethane	94	2.165	2.188	-0.023	94	201363	92.8	
16 Chloroethane	64	2.272	2.282	-0.010	93	286228	99.7	
18 Trichlorofluoromethane	101	2.496	2.507	-0.011	98	802391	111.2	
20 Acrolein	56	2.839	2.838	0.001	93	1696101	917.9	
21 1,1-Dichloroethene	96	2.922	2.933	-0.011	93	556337	101.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.934	2.945	-0.011	90	490027	102.0	
22 Acetone	43	2.958	2.957	0.001	96	846004	197.3	
24 Iodomethane	142	3.052	3.051	0.001	99	1171006	106.4	
26 Carbon disulfide	76	3.111	3.110	0.001	98	1757722	109.4	
27 Acetonitrile	41	3.171	3.169	0.002	99	1593116	893.3	
28 Methyl acetate	43	3.218	3.217	0.001	98	2083823	189.7	
30 Methylene Chloride	84	3.301	3.300	0.001	91	726975	100.1	
31 2-Methyl-2-propanol	59	3.383	3.382	0.001	92	1577448	1947.3	
32 Acrylonitrile	53	3.478	3.477	0.001	96	888342	191.4	
34 Methyl tert-butyl ether	73	3.514	3.524	-0.010	86	2037131	107.5	
33 trans-1,2-Dichloroethene	96	3.514	3.524	-0.010	70	685038	107.4	
35 Hexane	86	3.727	3.737	-0.011	95	193875	102.3	
36 1,1-Dichloroethane	63	3.833	3.832	0.001	98	1346826	106.2	
37 Vinyl acetate	86	3.857	3.856	0.001	97	151993	109.2	
41 2-Butanone (MEK)	43	4.271	4.269	0.002	96	1258431	184.8	
42 cis-1,2-Dichloroethene	96	4.271	4.269	0.002	88	772267	104.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	4.282	4.281	0.001	79	565269	110.1	
47 Chlorobromomethane	128	4.448	4.459	-0.011	90	436635	102.7	
48 Tetrahydrofuran	42	4.495	4.494	0.001	91	387236	91.2	
49 Chloroform	83	4.507	4.506	0.001	98	1262151	106.3	
50 1,1,1-Trichloroethane	97	4.661	4.672	-0.011	93	1011550	107.9	
51 Cyclohexane	56	4.720	4.719	0.001	96	1617283	105.3	
52 1,1-Dichloropropene	75	4.791	4.790	0.001	80	896369	107.4	
53 Carbon tetrachloride	117	4.803	4.802	0.001	85	956456	107.9	
56 1,2-Dichloroethane	62	4.945	4.944	0.001	62	1228422	100.6	
55 Benzene	78	4.945	4.944	0.001	92	2631662	105.3	
60 Trichloroethene	130	5.442	5.441	0.001	92	818748	106.7	
63 Methylcyclohexane	83	5.607	5.606	0.001	92	1199182	104.0	
62 1,2-Dichloropropane	63	5.619	5.618	0.001	85	756841	105.5	
65 Dibromomethane	93	5.714	5.713	0.001	84	431961	105.4	
66 1,4-Dioxane	88	5.714	5.713	0.001	68	355423	4554.6	
67 Dichlorobromomethane	83	5.820	5.819	0.001	96	920579	114.8	
69 2-Chloroethyl vinyl ether	63	6.045	6.045	0.0	1	2402	138.7	
70 cis-1,3-Dichloropropene	75	6.187	6.186	0.001	79	1042620	112.8	
71 4-Methyl-2-pentanone (MIBK)	43	6.293	6.304	-0.011	98	2371289	194.1	
72 Toluene	91	6.483	6.481	0.002	95	2954469	105.7	
73 trans-1,3-Dichloropropene	75	6.636	6.635	0.001	90	920285	100.9	
74 Ethyl methacrylate	69	6.707	6.706	0.001	87	914716	110.2	
75 1,1,2-Trichloroethane	97	6.802	6.801	0.001	95	595848	102.9	
76 1,3-Dichloropropane	76	6.956	6.955	0.001	90	1002639	103.3	
77 Tetrachloroethene	164	6.956	6.955	0.001	80	642419	110.7	
78 2-Hexanone	43	7.003	7.002	0.001	96	1667471	200.8	
79 Chlorodibromomethane	129	7.157	7.156	0.001	89	749724	100.6	
123 Ethylene Dibromide	107	7.275	7.274	0.001	98	642322	105.9	
82 Chlorobenzene	112	7.713	7.712	0.001	93	2010299	103.3	
83 1,1,1,2-Tetrachloroethane	131	7.772	7.771	0.001	89	720914	114.4	
84 Ethylbenzene	106	7.796	7.794	0.002	98	1024802	107.4	
10 m-Xylene & p-Xylene	106	7.902	7.901	0.001	98	2514409	217.3	
85 o-Xylene	106	8.269	8.268	0.001	87	1199526	109.6	
86 Styrene	104	8.280	8.279	0.001	91	2072519	111.3	
87 Bromoform	173	8.458	8.457	0.001	98	432874	99.9	
88 Isopropylbenzene	105	8.612	8.611	0.001	96	3151426	110.8	
90 1,1,2,2-Tetrachloroethane	83	8.872	8.871	0.001	82	661280	100.1	
91 Bromobenzene	156	8.907	8.918	-0.011	87	865984	103.6	
92 1,2,3-Trichloropropane	110	8.931	8.930	0.001	82	249057	99.9	
93 trans-1,4-Dichloro-2-butene	53	8.931	8.930	0.001	76	324835	110.0	
94 N-Propylbenzene	120	9.002	9.001	0.001	98	867552	105.4	
95 2-Chlorotoluene	126	9.097	9.096	0.001	97	764970	106.4	
96 1,3,5-Trimethylbenzene	105	9.168	9.167	0.002	93	2529370	109.7	
104 4-Chlorotoluene	126	9.191	9.190	0.001	97	804701	108.2	
97 tert-Butylbenzene	119	9.487	9.486	0.001	91	2371218	109.0	
98 1,2,4-Trimethylbenzene	105	9.534	9.533	0.001	77	2499071	111.4	
99 sec-Butylbenzene	105	9.700	9.699	0.001	94	3094927	108.9	
100 1,3-Dichlorobenzene	146	9.818	9.817	0.001	86	1562986	104.3	
101 4-Isopropyltoluene	119	9.842	9.841	0.001	91	2648278	104.6	
102 1,4-Dichlorobenzene	146	9.901	9.900	0.001	95	1594096	101.5	
105 n-Butylbenzene	91	10.232	10.243	-0.011	97	2190707	110.7	
106 1,2-Dichlorobenzene	146	10.268	10.267	0.001	98	1424753	100.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 1,2-Dibromo-3-Chloropropane	157	11.025	11.024	0.001	81	124515	99.8	
108 1,3,5-Trichlorobenzene	180	11.249	11.248	0.001	94	905319	100.2	
109 1,2,4-Trichlorobenzene	180	11.853	11.863	-0.010	95	765942	100.5	
110 Hexachlorobutadiene	225	12.030	12.029	0.001	97	288183	98.2	
111 Naphthalene	128	12.101	12.100	0.001	97	1892570	100.6	
112 1,2,3-Trichlorobenzene	180	12.361	12.360	0.001	95	586824	100.7	
S 136 Trihalomethanes, Total	1				0		421.6	
S 11 1,2-Dichloroethene, Total	96				0		211.4	
S 9 1,3-Dichloropropene, Total	75				0		213.7	
S 114 Xylenes, Total	106				0		327.0	

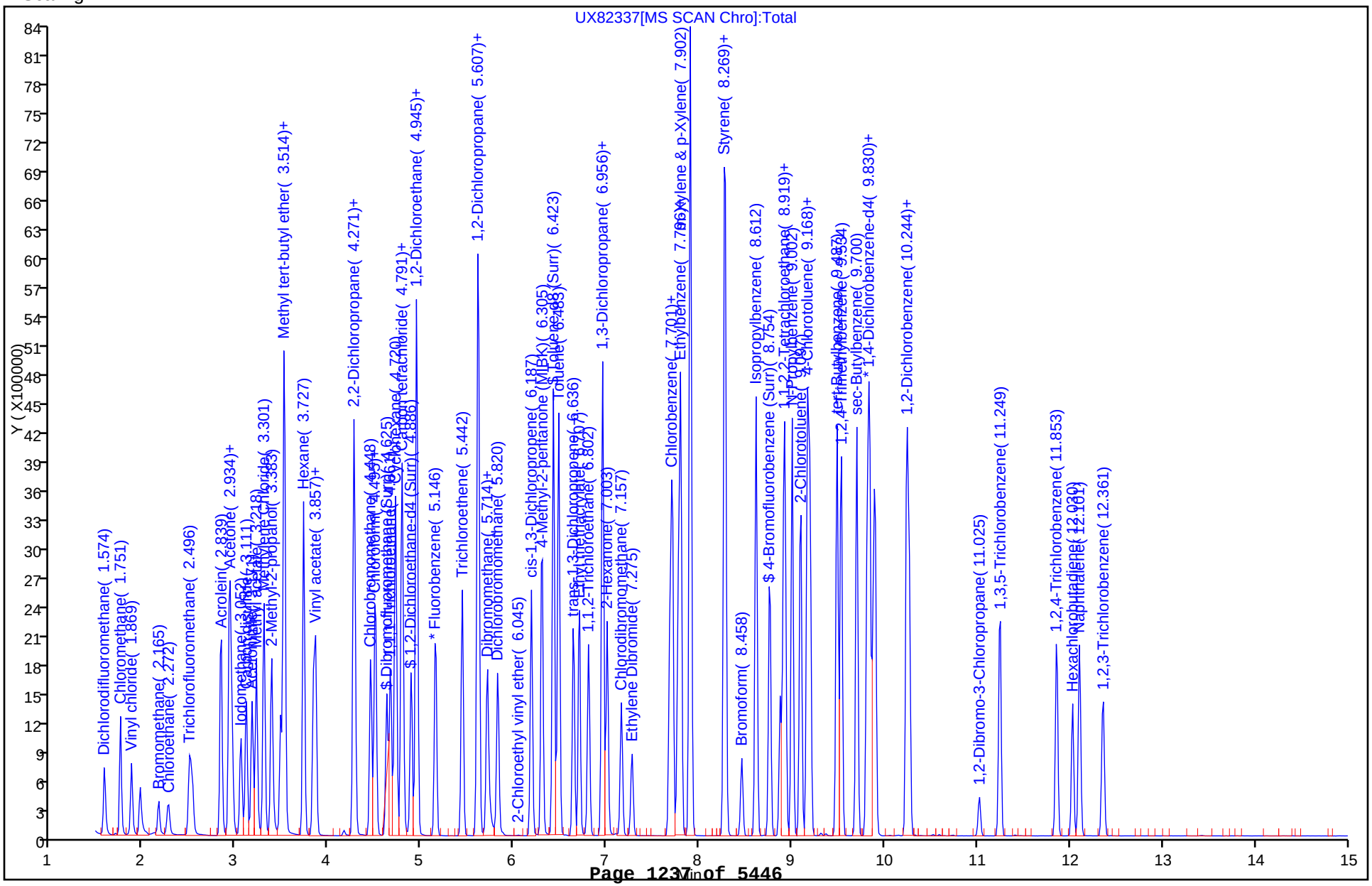
Report Date: 11-Dec-2012 21:45:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82337.D

Injection Date:	11-Dec-2012 04:08:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68080	Lims Sample ID:	4
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82338.D
Lims ID: STD8260 L6 Client ID:
Inject. Date: 11-Dec-2012 04:29:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015698-005
Misc. Info.: M21211A,8260SUX8,,402279 =M21211A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 68080 Lims Sample ID: 5
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\8260_8.m
Last Update: 11-Dec-2012 21:45:22 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK003

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.156	0.0	99	1669015	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.676	0.011	96	1188802	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.876	-0.001	98	573548	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.624	-0.001	58	453897	50.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.885	-0.002	98	582593	49.6	
$ 7 Toluene-d8 (Surr)	98	6.421	6.422	-0.001	94	1642840	49.7	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.753	0.010	95	558310	48.9	
12 Dichlorodifluoromethane	85	1.571	1.584	-0.013	97	300966	55.0	
13 Chloromethane	50	1.749	1.750	-0.001	99	532140	50.7	
14 Vinyl chloride	62	1.867	1.868	-0.001	99	331353	54.0	
15 Bromomethane	94	2.175	2.188	-0.013	92	136923	57.4	
16 Chloroethane	64	2.269	2.282	-0.013	94	171459	51.1	
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	98	398410	55.3	
20 Acrolein	56	2.837	2.838	-0.001	95	886349	480.2	
21 1,1-Dichloroethene	96	2.920	2.933	-0.013	95	295140	53.8	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.945	-0.001	88	255344	53.2	
22 Acetone	43	2.955	2.957	-0.002	96	440666	103.5	
24 Iodomethane	142	3.050	3.051	-0.001	98	594787	54.1	
26 Carbon disulfide	76	3.109	3.110	-0.001	98	871314	54.3	
27 Acetonitrile	41	3.168	3.169	-0.001	100	788533	442.7	
28 Methyl acetate	43	3.216	3.217	-0.001	98	1081955	98.6	
30 Methylene Chloride	84	3.298	3.300	-0.002	91	394375	52.9	
31 2-Methyl-2-propanol	59	3.381	3.382	-0.001	91	787232	972.9	
32 Acrylonitrile	53	3.476	3.477	-0.001	96	444512	95.9	
34 Methyl tert-butyl ether	73	3.511	3.524	-0.013	85	1019969	53.9	
33 trans-1,2-Dichloroethene	96	3.523	3.524	-0.001	69	341671	53.6	
35 Hexane	86	3.724	3.737	-0.013	94	99749	52.7	
36 1,1-Dichloroethane	63	3.831	3.832	-0.001	98	680193	53.7	
37 Vinyl acetate	86	3.854	3.856	-0.002	97	74446	53.5	
41 2-Butanone (MEK)	43	4.268	4.269	-0.001	95	642700	94.5	
42 cis-1,2-Dichloroethene	96	4.268	4.269	-0.001	89	396903	53.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	4.280	4.281	-0.001	71	281225	54.8	
47 Chlorobromomethane	128	4.458	4.459	-0.001	88	222665	52.4	
48 Tetrahydrofuran	42	4.493	4.494	-0.001	91	206035	48.6	
49 Chloroform	83	4.505	4.506	-0.001	99	636748	53.7	
50 1,1,1-Trichloroethane	97	4.671	4.672	-0.001	93	510807	54.5	
51 Cyclohexane	56	4.718	4.719	-0.001	96	827927	54.0	
52 1,1-Dichloropropene	75	4.789	4.790	-0.001	81	454972	54.6	
53 Carbon tetrachloride	117	4.801	4.802	-0.001	86	477892	54.0	
56 1,2-Dichloroethane	62	4.943	4.944	-0.001	63	626713	51.4	
55 Benzene	78	4.943	4.944	-0.001	92	1328065	53.2	
60 Trichloroethene	130	5.439	5.441	-0.002	93	421870	55.1	
63 Methylcyclohexane	83	5.605	5.606	-0.001	92	623134	54.1	
62 1,2-Dichloropropane	63	5.617	5.618	-0.001	86	383648	53.5	
65 Dibromomethane	93	5.711	5.713	-0.002	86	218241	53.3	
66 1,4-Dioxane	88	5.711	5.713	-0.002	71	184196	2363.0	
67 Dichlorobromomethane	83	5.818	5.819	-0.001	95	446010	55.7	
69 2-Chloroethyl vinyl ether	63	6.055	6.045	0.009	1	914	52.8	
70 cis-1,3-Dichloropropene	75	6.185	6.186	-0.001	79	504749	54.7	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.304	-0.001	98	1212310	99.4	
72 Toluene	91	6.480	6.481	-0.001	94	1519871	53.0	
73 trans-1,3-Dichloropropene	75	6.646	6.635	0.011	90	446223	49.6	
74 Ethyl methacrylate	69	6.705	6.706	-0.001	87	463675	54.4	
75 1,1,2-Trichloroethane	97	6.800	6.801	-0.001	95	312101	52.5	
76 1,3-Dichloropropane	76	6.953	6.955	-0.002	90	516540	51.9	
77 Tetrachloroethene	164	6.953	6.955	-0.002	93	330200	55.5	
78 2-Hexanone	43	7.001	7.002	-0.001	97	845205	99.2	
79 Chlorodibromomethane	129	7.155	7.156	-0.001	88	370460	50.0	
123 Ethylene Dibromide	107	7.273	7.274	-0.001	98	326190	52.4	
82 Chlorobenzene	112	7.711	7.712	-0.002	92	1032975	51.7	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.771	-0.001	86	366767	56.7	
84 Ethylbenzene	106	7.793	7.794	-0.001	98	531108	54.3	
10 m-Xylene & p-Xylene	106	7.900	7.901	-0.001	98	1306894	110.1	
85 o-Xylene	106	8.266	8.268	-0.002	89	620134	55.2	
86 Styrene	104	8.278	8.279	-0.001	88	1073267	56.2	
87 Bromoform	173	8.456	8.457	-0.001	97	211910	50.9	
88 Isopropylbenzene	105	8.609	8.611	-0.002	96	1596590	54.7	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.871	-0.001	88	340802	51.3	
91 Bromobenzene	156	8.917	8.918	-0.001	86	446659	53.1	
92 1,2,3-Trichloropropane	110	8.929	8.930	-0.001	81	131078	52.2	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.930	-0.001	74	160699	54.1	
94 N-Propylbenzene	120	9.000	9.001	-0.001	97	442256	53.4	
95 2-Chlorotoluene	126	9.094	9.096	-0.002	97	388634	53.7	
96 1,3,5-Trimethylbenzene	105	9.165	9.167	-0.001	85	1278803	55.1	
104 4-Chlorotoluene	126	9.189	9.190	-0.001	98	410599	54.9	
97 tert-Butylbenzene	119	9.485	9.486	-0.001	93	1273423	58.2	
98 1,2,4-Trimethylbenzene	105	9.532	9.533	-0.001	77	1278109	56.6	
99 sec-Butylbenzene	105	9.698	9.699	-0.001	94	1554843	54.4	
100 1,3-Dichlorobenzene	146	9.816	9.817	-0.001	86	791556	52.5	
101 4-Isopropyltoluene	119	9.840	9.841	-0.001	89	1333307	52.4	
102 1,4-Dichlorobenzene	146	9.899	9.900	-0.001	93	810836	51.3	
105 n-Butylbenzene	91	10.242	10.243	-0.001	97	1093329	54.9	
106 1,2-Dichlorobenzene	146	10.265	10.267	-0.002	98	725318	50.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 1,2-Dibromo-3-Chloropropane	157	11.022	11.024	-0.002	68	56758	50.7	
108 1,3,5-Trichlorobenzene	180	11.247	11.248	-0.001	98	427841	47.1	
109 1,2,4-Trichlorobenzene	180	11.862	11.863	-0.001	95	357102	49.1	
110 Hexachlorobutadiene	225	12.028	12.029	-0.001	95	138003	50.8	
111 Naphthalene	128	12.099	12.100	-0.001	97	893141	49.6	
112 1,2,3-Trichlorobenzene	180	12.359	12.360	-0.001	96	272322	48.9	
S 136 Trihalomethanes, Total	1				0		210.3	
S 11 1,2-Dichloroethene, Total	96				0		107.1	
S 9 1,3-Dichloropropene, Total	75				0		104.3	
S 114 Xylenes, Total	106				0		165.3	

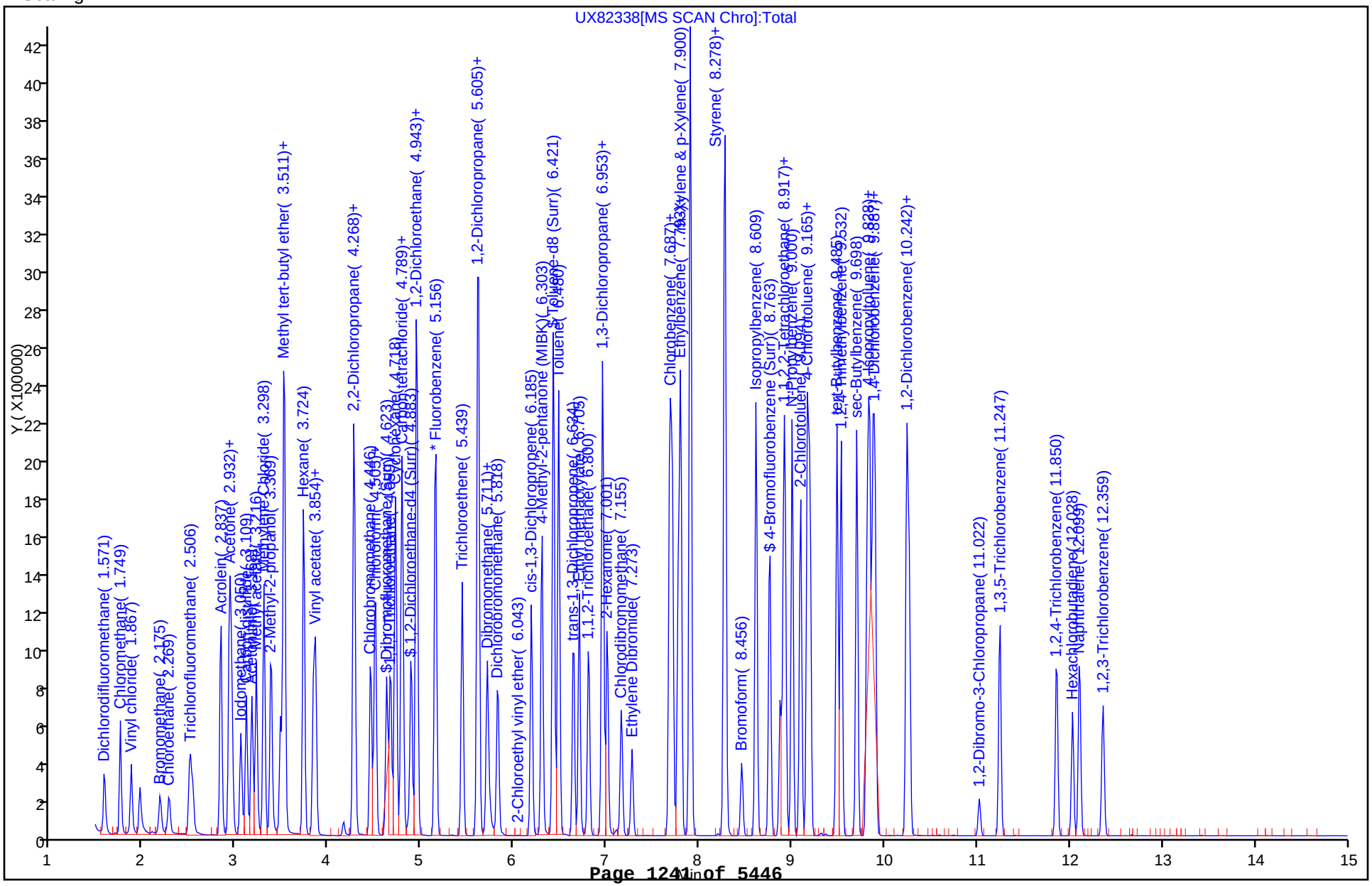
Report Date: 11-Dec-2012 21:45:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82338.D

Injection Date:	11-Dec-2012 04:29:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68080	Lims Sample ID:	5
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82339.D
Lims ID: ICIS Client ID:
Inject. Date: 11-Dec-2012 04:51:30 Dil. Factor: 1.0000
Sample Type: ICIS Calib Level: 5
Sample ID: 240-0015698-006
Misc. Info.: M21211A,8260SUX8,,402279 =M21211A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 68080 Lims Sample ID: 6
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\8260_8.m
Last Update: 11-Dec-2012 21:45:23 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK003

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.157	5.157	0.0	99	1702622	50.0	
* 2 Chlorobenzene-d5	117	7.676	7.676	0.0	97	1195615	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.876	0.0	98	585337	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.624	0.0	58	259492	21.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.885	4.885	0.0	97	346120	22.3	
$ 7 Toluene-d8 (Surr)	98	6.422	6.422	0.0	95	922265	21.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.753	8.753	0.0	93	332534	22.5	
12 Dichlorodifluoromethane	85	1.584	1.584	0.0	96	108434	19.4	
13 Chloromethane	50	1.750	1.750	0.0	99	202849	18.9	
14 Vinyl chloride	62	1.868	1.868	0.0	99	125246	20.0	
15 Bromomethane	94	2.188	2.188	0.0	90	54586	19.8	
16 Chloroethane	64	2.282	2.282	0.0	93	68404	18.5	
18 Trichlorofluoromethane	101	2.507	2.507	0.0	96	151123	20.6	
20 Acrolein	56	2.838	2.838	0.0	94	368922	195.9	
21 1,1-Dichloroethene	96	2.933	2.933	0.0	95	110450	19.7	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.945	2.945	0.0	88	94652	19.3	
22 Acetone	43	2.957	2.957	0.0	96	202990	42.7	
24 Iodomethane	142	3.051	3.051	0.0	99	220464	19.7	
26 Carbon disulfide	76	3.110	3.110	0.0	98	310093	18.9	
27 Acetonitrile	41	3.169	3.169	0.0	100	326716	179.8	
28 Methyl acetate	43	3.217	3.217	0.0	98	431487	38.6	
30 Methylene Chloride	84	3.300	3.300	0.0	91	156562	18.6	
31 2-Methyl-2-propanol	59	3.382	3.382	0.0	93	321050	388.9	
32 Acrylonitrile	53	3.477	3.477	0.0	98	183393	38.8	
34 Methyl tert-butyl ether	73	3.524	3.524	0.0	85	382769	19.8	
33 trans-1,2-Dichloroethene	96	3.524	3.524	0.0	70	134703	20.7	
35 Hexane	86	3.737	3.737	0.0	96	35669	18.5	
36 1,1-Dichloroethane	63	3.832	3.832	0.0	98	254666	19.7	
37 Vinyl acetate	86	3.856	3.856	0.0	96	25956	18.3	
41 2-Butanone (MEK)	43	4.269	4.269	0.0	95	269707	38.9	
42 cis-1,2-Dichloroethene	96	4.269	4.269	0.0	88	151681	20.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	4.281	4.281	0.0	72	102196	19.5	
47 Chlorobromomethane	128	4.459	4.459	0.0	91	85310	19.7	
48 Tetrahydrofuran	42	4.494	4.494	0.0	86	82667	19.1	
49 Chloroform	83	4.506	4.506	0.0	97	238986	19.7	
50 1,1,1-Trichloroethane	97	4.672	4.672	0.0	93	186911	19.6	
51 Cyclohexane	56	4.719	4.719	0.0	96	300927	19.2	
52 1,1-Dichloropropene	75	4.790	4.790	0.0	81	175649	20.7	
53 Carbon tetrachloride	117	4.802	4.802	0.0	83	173857	19.3	
56 1,2-Dichloroethane	62	4.944	4.944	0.0	61	240657	19.3	
55 Benzene	78	4.944	4.944	0.0	93	510042	20.0	
60 Trichloroethene	130	5.441	5.441	0.0	92	157358	20.1	
63 Methylcyclohexane	83	5.606	5.606	0.0	89	230556	19.6	
62 1,2-Dichloropropane	63	5.618	5.618	0.0	82	146834	20.1	
65 Dibromomethane	93	5.713	5.713	0.0	86	85494	20.5	
66 1,4-Dioxane	88	5.713	5.713	0.0	75	79782	1003.3	
67 Dichlorobromomethane	83	5.819	5.819	0.0	95	160059	19.6	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.186	6.186	0.0	77	173266	18.4	
71 4-Methyl-2-pentanone (MIBK)	43	6.304	6.304	0.0	98	510872	41.0	
72 Toluene	91	6.481	6.481	0.0	93	587686	20.4	
73 trans-1,3-Dichloropropene	75	6.635	6.635	0.0	88	152584	18.1	
74 Ethyl methacrylate	69	6.706	6.706	0.0	86	167837	19.6	
75 1,1,2-Trichloroethane	97	6.801	6.801	0.0	93	119678	20.0	
76 1,3-Dichloropropane	76	6.955	6.955	0.0	89	197851	19.8	
77 Tetrachloroethene	164	6.955	6.955	0.0	80	127907	21.4	
78 2-Hexanone	43	7.002	7.002	0.0	97	362218	42.3	
79 Chlorodibromomethane	129	7.156	7.156	0.0	87	127756	18.2	
123 Ethylene Dibromide	107	7.274	7.274	0.0	98	121972	19.5	
82 Chlorobenzene	112	7.712	7.712	0.0	90	390232	19.4	
83 1,1,1,2-Tetrachloroethane	131	7.771	7.771	0.0	87	130890	20.1	
84 Ethylbenzene	106	7.794	7.794	0.0	98	207172	21.0	
10 m-Xylene & p-Xylene	106	7.901	7.901	0.0	98	497464	41.7	
85 o-Xylene	106	8.268	8.268	0.0	88	234944	20.8	
86 Styrene	104	8.279	8.279	0.0	87	392681	20.4	
87 Bromoform	173	8.457	8.457	0.0	96	69813	18.2	
88 Isopropylbenzene	105	8.611	8.611	0.0	96	609847	20.8	
90 1,1,2,2-Tetrachloroethane	83	8.871	8.871	0.0	93	134268	19.8	
91 Bromobenzene	156	8.918	8.918	0.0	83	170947	19.9	
92 1,2,3-Trichloropropane	110	8.930	8.930	0.0	81	49701	19.4	
93 trans-1,4-Dichloro-2-butene	53	8.930	8.930	0.0	69	58906	19.4	
94 N-Propylbenzene	120	9.001	9.001	0.0	98	167672	19.8	
95 2-Chlorotoluene	126	9.096	9.096	0.0	97	148014	20.1	
96 1,3,5-Trimethylbenzene	105	9.167	9.167	0.0	85	489777	20.7	
104 4-Chlorotoluene	126	9.190	9.190	0.0	98	157235	20.6	
97 tert-Butylbenzene	119	9.486	9.486	0.0	91	452094	20.2	
98 1,2,4-Trimethylbenzene	105	9.533	9.533	0.0	77	479723	20.8	
99 sec-Butylbenzene	105	9.699	9.699	0.0	94	593761	20.4	
100 1,3-Dichlorobenzene	146	9.817	9.817	0.0	96	300501	19.5	
101 4-Isopropyltoluene	119	9.841	9.841	0.0	91	516202	19.9	
102 1,4-Dichlorobenzene	146	9.900	9.900	0.0	91	308716	19.1	
105 n-Butylbenzene	91	10.243	10.243	0.0	93	415627	20.5	
106 1,2-Dichlorobenzene	146	10.267	10.267	0.0	97	281132	19.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 1,2-Dibromo-3-Chloropropane	157	11.024	11.024	0.0	55	19787	18.8	
108 1,3,5-Trichlorobenzene	180	11.248	11.248	0.0	97	167837	18.1	
109 1,2,4-Trichlorobenzene	180	11.863	11.863	0.0	93	143272	19.6	
110 Hexachlorobutadiene	225	12.029	12.029	0.0	92	66729	24.0	
111 Naphthalene	128	12.100	12.100	0.0	97	321876	18.4	
112 1,2,3-Trichlorobenzene	180	12.360	12.360	0.0	96	111434	19.4	
S 136 Trihalomethanes, Total	1				0		75.7	
S 11 1,2-Dichloroethene, Total	96				0		40.8	
S 9 1,3-Dichloropropene, Total	75				0		36.5	
S 114 Xylenes, Total	106				0		62.5	

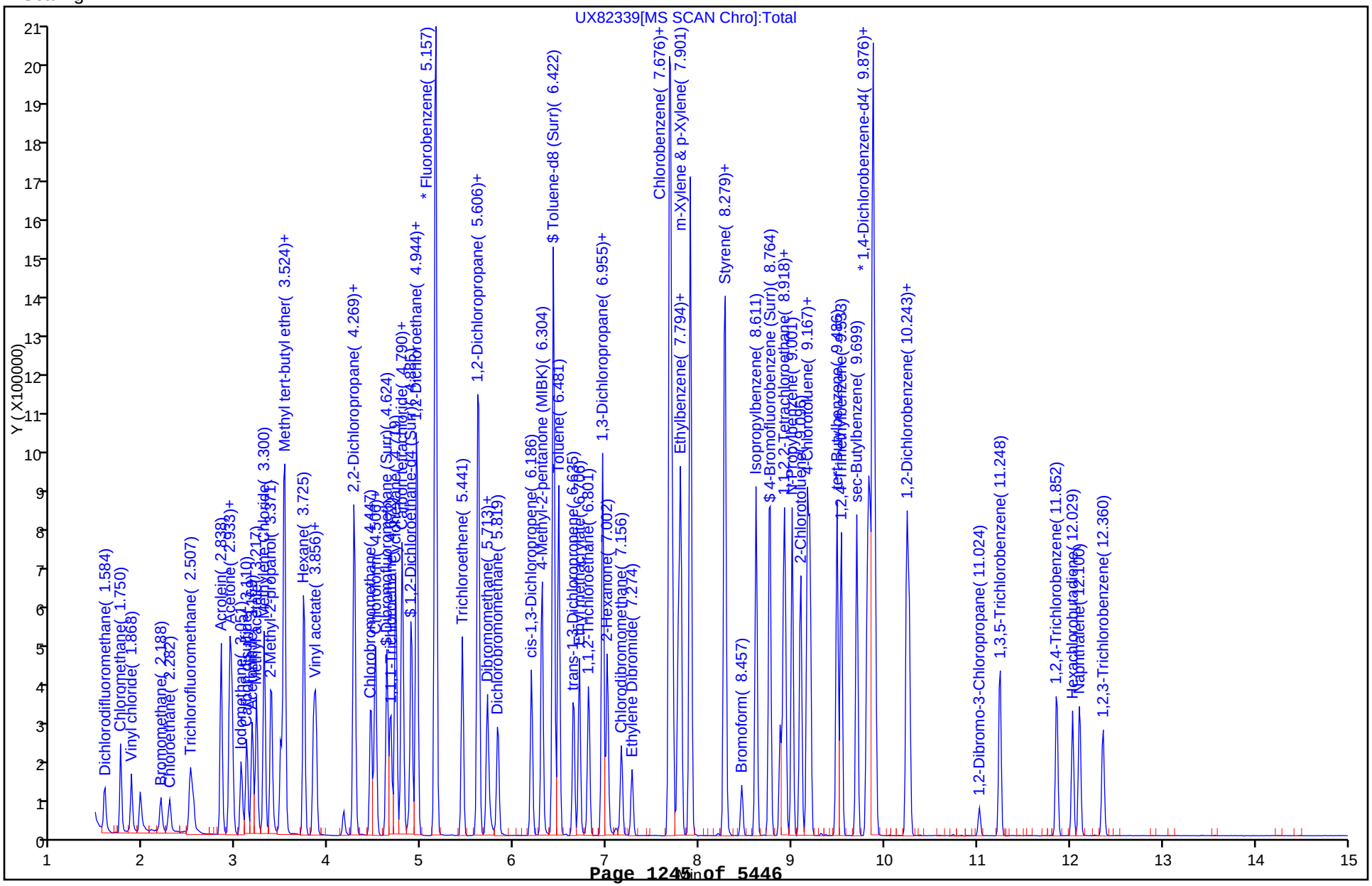
Report Date: 11-Dec-2012 21:45:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82339.D

Injection Date:	11-Dec-2012 04:51:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68080	Lims Sample ID:	6
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82340.D
Lims ID: STD8260 L4 Client ID:
Inject. Date: 11-Dec-2012 05:12:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015698-007
Misc. Info.: M21211A,8260SUX8,,402279 =M21211A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 68080 Lims Sample ID: 7
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\8260_8.m
Last Update: 11-Dec-2012 21:45:25 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK003

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.147	5.157	-0.010	99	1668056	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.676	0.002	97	1186542	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.876	0.002	99	571974	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.624	0.002	58	197269	13.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.885	0.002	95	264948	13.8	
$ 7 Toluene-d8 (Surr)	98	6.424	6.422	0.002	95	704890	13.0	
$ 131 4-Bromofluorobenzene (Surr)	95	8.755	8.753	0.002	91	251584	13.4	
12 Dichlorodifluoromethane	85	1.575	1.584	-0.009	91	57793	10.6	
13 Chloromethane	50	1.752	1.750	0.002	100	104636	9.97	
14 Vinyl chloride	62	1.859	1.868	-0.010	98	65579	10.7	
15 Bromomethane	94	2.178	2.188	-0.010	87	31631	10.9	
16 Chloroethane	64	2.273	2.282	-0.010	94	36964	10.2	
18 Trichlorofluoromethane	101	2.509	2.507	0.002	83	77911	10.8	
20 Acrolein	56	2.840	2.838	0.002	93	188133	102.0	
21 1,1-Dichloroethene	96	2.923	2.933	-0.010	94	58859	10.7	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.947	2.945	0.002	85	51143	10.7	
22 Acetone	43	2.959	2.957	0.002	96	105950	18.2	
24 Iodomethane	142	3.053	3.051	0.002	98	118779	10.8	
26 Carbon disulfide	76	3.112	3.110	0.002	97	158915	9.91	
27 Acetonitrile	41	3.171	3.169	0.002	99	176337	99.0	
28 Methyl acetate	43	3.219	3.217	0.002	98	219134	20.0	
30 Methylene Chloride	84	3.302	3.300	0.002	87	106900	12.0	
31 2-Methyl-2-propanol	59	3.373	3.382	-0.009	88	172064	212.8	
32 Acrylonitrile	53	3.479	3.477	0.002	94	90023	19.4	
34 Methyl tert-butyl ether	73	3.515	3.524	-0.010	82	199154	10.5	
33 trans-1,2-Dichloroethene	96	3.515	3.524	-0.010	70	71712	11.3	
35 Hexane	86	3.727	3.737	-0.010	94	20507	10.8	
36 1,1-Dichloroethane	63	3.834	3.832	0.002	98	137786	10.9	
37 Vinyl acetate	86	3.858	3.856	0.002	96	13148	9.46	
41 2-Butanone (MEK)	43	4.272	4.269	0.003	94	129756	19.1	
42 cis-1,2-Dichloroethene	96	4.272	4.269	0.003	87	82642	11.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	4.283	4.281	0.002	70	55505	10.8	
47 Chlorobromomethane	128	4.449	4.459	-0.010	87	46355	10.9	
48 Tetrahydrofuran	42	4.496	4.494	0.002	89	42190	9.95	
49 Chloroform	83	4.508	4.506	0.002	96	125961	10.6	
50 1,1,1-Trichloroethane	97	4.662	4.672	-0.010	91	94831	10.1	
51 Cyclohexane	56	4.721	4.719	0.002	95	159503	10.4	
52 1,1-Dichloropropene	75	4.792	4.790	0.002	82	92018	11.0	
53 Carbon tetrachloride	117	4.804	4.802	0.002	87	87200	9.86	
56 1,2-Dichloroethane	62	4.946	4.944	0.002	62	128483	10.5	
55 Benzene	78	4.946	4.944	0.002	92	269838	10.8	
60 Trichloroethene	130	5.443	5.441	0.002	88	82800	10.8	
63 Methylcyclohexane	83	5.608	5.606	0.002	89	121498	10.6	
62 1,2-Dichloropropane	63	5.620	5.618	0.002	84	73910	10.3	
65 Dibromomethane	93	5.715	5.713	0.002	84	43734	10.7	
66 1,4-Dioxane	88	5.715	5.713	0.002	67	42384	544.0	
67 Dichlorobromomethane	83	5.821	5.819	0.002	89	80750	10.1	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.188	6.186	0.002	71	87705	9.50	
71 4-Methyl-2-pentanone (MIBK)	43	6.294	6.304	-0.010	98	237953	19.5	
72 Toluene	91	6.483	6.481	0.002	93	309836	10.8	
73 trans-1,3-Dichloropropene	75	6.637	6.635	0.002	88	75325	9.84	
74 Ethyl methacrylate	69	6.708	6.706	0.002	84	85545	10.1	
75 1,1,2-Trichloroethane	97	6.803	6.801	0.002	95	63060	10.6	
76 1,3-Dichloropropane	76	6.957	6.955	0.002	90	109023	11.0	
77 Tetrachloroethene	164	6.957	6.955	0.002	82	66415	11.2	
78 2-Hexanone	43	7.004	7.002	0.002	96	172130	20.2	
79 Chlorodibromomethane	129	7.158	7.156	0.002	83	65065	10.0	
123 Ethylene Dibromide	107	7.276	7.274	0.002	93	67118	10.8	
82 Chlorobenzene	112	7.714	7.712	0.002	92	211547	10.6	
83 1,1,1,2-Tetrachloroethane	131	7.773	7.771	0.002	67	68549	10.6	
84 Ethylbenzene	106	7.796	7.794	0.002	98	105928	10.8	
10 m-Xylene & p-Xylene	106	7.903	7.901	0.002	98	260044	21.9	
85 o-Xylene	106	8.270	8.268	0.002	87	124497	11.1	
86 Styrene	104	8.281	8.279	0.002	86	196582	10.3	
87 Bromoform	173	8.459	8.457	0.002	93	35597	10.0	
88 Isopropylbenzene	105	8.613	8.611	0.002	96	312403	10.7	
90 1,1,2,2-Tetrachloroethane	83	8.873	8.871	0.002	78	71604	10.8	
91 Bromobenzene	156	8.908	8.918	-0.010	90	89740	10.7	
92 1,2,3-Trichloropropane	110	8.920	8.930	-0.010	74	28570	11.4	
93 trans-1,4-Dichloro-2-butene	53	8.932	8.930	0.002	64	29150	9.84	
94 N-Propylbenzene	120	9.003	9.001	0.002	97	88865	10.8	
95 2-Chlorotoluene	126	9.098	9.096	0.002	96	78433	10.9	
96 1,3,5-Trimethylbenzene	105	9.169	9.167	0.003	92	249524	10.8	
104 4-Chlorotoluene	126	9.192	9.190	0.002	97	82005	11.0	
97 tert-Butylbenzene	119	9.488	9.486	0.002	88	233791	10.7	
98 1,2,4-Trimethylbenzene	105	9.535	9.533	0.002	85	254235	11.3	
99 sec-Butylbenzene	105	9.701	9.699	0.002	92	311841	10.9	
100 1,3-Dichlorobenzene	146	9.819	9.817	0.002	87	162011	10.8	
101 4-Isopropyltoluene	119	9.843	9.841	0.002	91	266484	10.5	
102 1,4-Dichlorobenzene	146	9.902	9.900	0.002	92	171603	10.9	
105 n-Butylbenzene	91	10.245	10.243	0.002	95	216881	10.9	
106 1,2-Dichlorobenzene	146	10.269	10.267	0.002	96	155674	10.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 1,2-Dibromo-3-Chloropropane	157	11.026	11.024	0.002	42	10525	10.5	
108 1,3,5-Trichlorobenzene	180	11.250	11.248	0.002	95	96015	10.6	
109 1,2,4-Trichlorobenzene	180	11.854	11.863	-0.009	93	81534	11.2	
110 Hexachlorobutadiene	225	12.031	12.029	0.002	88	39064	13.4	
111 Naphthalene	128	12.102	12.100	0.002	95	175317	10.6	
112 1,2,3-Trichlorobenzene	180	12.362	12.360	0.002	91	67035	11.4	
S 136 Trihalomethanes, Total	1				0		40.8	
S 11 1,2-Dichloroethene, Total	96				0		22.4	
S 9 1,3-Dichloropropene, Total	75				0		19.3	
S 114 Xylenes, Total	106				0		33.1	

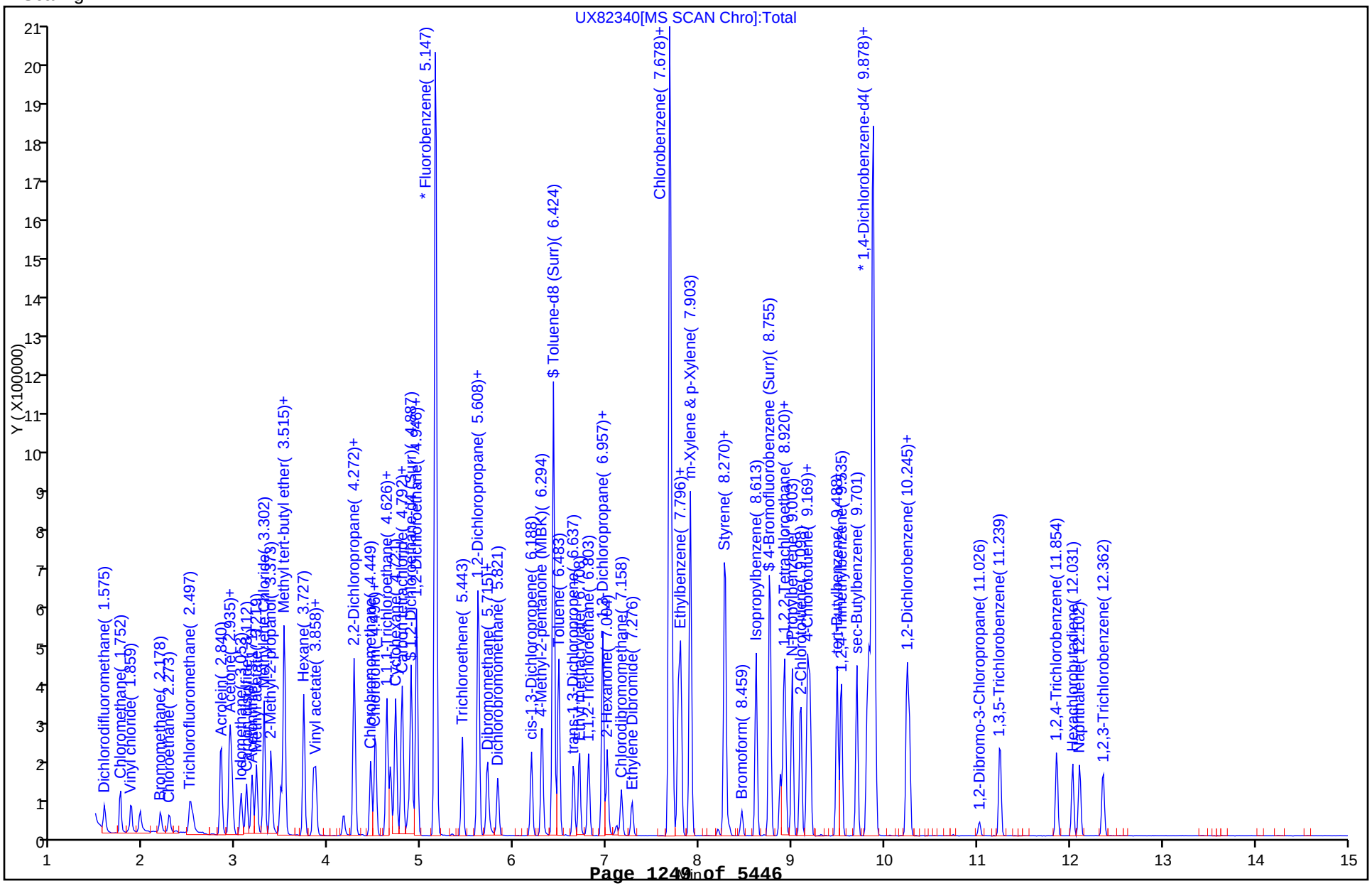
Report Date: 11-Dec-2012 21:45:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82340.D

Injection Date:	11-Dec-2012 05:12:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68080	Lims Sample ID:	7
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82341.D
Lims ID: STD8260 L3 Client ID:
Inject. Date: 11-Dec-2012 05:33:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015698-008
Misc. Info.: M21211A,8260SUX8,,402279 =M21211A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 7
Lims Batch ID: 68080 Lims Sample ID: 8
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\8260_8.m
Last Update: 11-Dec-2012 21:45:25 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK003

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.147	5.157	-0.010	99	1699709	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.676	0.002	97	1212362	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.876	0.002	99	579979	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.627	4.624	0.003	57	129651	3.01	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.885	0.002	94	170911	2.40	
$ 7 Toluene-d8 (Surr)	98	6.424	6.422	0.002	95	467540	3.40	
$ 131 4-Bromofluorobenzene (Surr)	95	8.755	8.753	0.002	90	163501	2.66	
12 Dichlorodifluoromethane	85	1.575	1.584	-0.009	87	27816	4.99	
13 Chloromethane	50	1.752	1.750	0.002	100	50984	4.77	
14 Vinyl chloride	62	1.871	1.868	0.002	88	30277	4.85	
15 Bromomethane	94	2.190	2.188	0.002	85	15148	4.38	
16 Chloroethane	64	2.285	2.282	0.002	59	17499	4.91	
18 Trichlorofluoromethane	101	2.509	2.507	0.002	84	35539	4.84	
20 Acrolein	56	2.840	2.838	0.002	90	106050	56.4	
21 1,1-Dichloroethene	96	2.935	2.933	0.002	84	23913	4.28	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.947	2.945	0.002	71	22349	4.57	
22 Acetone	43	2.959	2.957	0.002	92	69409	7.97	
24 Iodomethane	142	3.053	3.051	0.002	96	51600	4.61	
26 Carbon disulfide	76	3.113	3.110	0.002	96	66375	4.06	
27 Acetonitrile	41	3.172	3.169	0.003	99	97444	53.7	
28 Methyl acetate	43	3.219	3.217	0.002	97	114267	10.2	
30 Methylene Chloride	84	3.302	3.300	0.002	90	52955	4.14	
31 2-Methyl-2-propanol	59	3.373	3.382	-0.009	87	80927	98.2	
32 Acrylonitrile	53	3.479	3.477	0.002	96	47810	10.1	
34 Methyl tert-butyl ether	73	3.515	3.524	-0.009	83	86437	4.49	
33 trans-1,2-Dichloroethene	96	3.515	3.524	-0.009	67	30433	4.69	
35 Hexane	86	3.728	3.737	-0.009	90	8792	4.56	
36 1,1-Dichloroethane	63	3.834	3.832	0.002	79	61170	4.74	
37 Vinyl acetate	86	3.858	3.856	0.002	96	5845	4.13	
41 2-Butanone (MEK)	43	4.272	4.269	0.003	92	74400	10.7	
42 cis-1,2-Dichloroethene	96	4.272	4.269	0.003	77	35424	4.69	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	4.284	4.281	0.003	61	22198	4.25	
47 Chlorobromomethane	128	4.449	4.459	-0.010	81	19805	4.58	
48 Tetrahydrofuran	42	4.496	4.494	0.002	88	20792	4.81	
49 Chloroform	83	4.508	4.506	0.002	94	55727	4.61	
50 1,1,1-Trichloroethane	97	4.662	4.672	-0.010	86	39286	4.12	
51 Cyclohexane	56	4.721	4.719	0.002	95	68737	4.40	
52 1,1-Dichloropropene	75	4.792	4.790	0.002	74	40525	4.77	
53 Carbon tetrachloride	117	4.804	4.802	0.002	74	38050	4.22	
56 1,2-Dichloroethane	62	4.946	4.944	0.002	63	58182	4.68	
55 Benzene	78	4.946	4.944	0.002	91	119187	4.69	
60 Trichloroethene	130	5.443	5.441	0.002	87	36213	4.64	
63 Methylcyclohexane	83	5.608	5.606	0.002	87	50672	4.32	
62 1,2-Dichloropropane	63	5.620	5.618	0.002	74	32630	4.47	
65 Dibromomethane	93	5.715	5.713	0.002	80	19210	4.61	
66 1,4-Dioxane	88	5.715	5.713	0.002	70	19647	247.5	
67 Dichlorobromomethane	83	5.821	5.819	0.002	85	34080	4.18	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.188	6.186	0.002	57	36182	3.85	
71 4-Methyl-2-pentanone (MIBK)	43	6.306	6.304	0.002	94	124430	10.0	
72 Toluene	91	6.484	6.481	0.003	95	138475	4.74	
73 trans-1,3-Dichloropropene	75	6.637	6.635	0.002	82	29021	4.68	
74 Ethyl methacrylate	69	6.708	6.706	0.002	85	34957	4.02	
75 1,1,2-Trichloroethane	97	6.803	6.801	0.002	94	27758	4.58	
76 1,3-Dichloropropane	76	6.957	6.955	0.002	87	47074	4.63	
77 Tetrachloroethene	164	6.957	6.955	0.002	84	30519	5.03	
78 2-Hexanone	43	7.004	7.002	0.002	93	84575	9.73	
79 Chlorodibromomethane	129	7.158	7.156	0.002	72	24720	4.59	
123 Ethylene Dibromide	107	7.276	7.274	0.002	76	27769	4.37	
82 Chlorobenzene	112	7.714	7.712	0.002	90	94155	4.62	
83 1,1,1,2-Tetrachloroethane	131	7.773	7.771	0.002	45	27715	4.20	
84 Ethylbenzene	106	7.797	7.794	0.003	98	43853	4.39	
10 m-Xylene & p-Xylene	106	7.903	7.901	0.002	98	112173	9.27	
85 o-Xylene	106	8.270	8.268	0.002	87	54469	4.76	
86 Styrene	104	8.282	8.279	0.003	84	81749	4.20	
87 Bromoform	173	8.459	8.457	0.002	79	12985	4.43	
88 Isopropylbenzene	105	8.613	8.611	0.002	94	134099	4.51	
90 1,1,2,2-Tetrachloroethane	83	8.873	8.871	0.002	78	33647	5.01	
91 Bromobenzene	156	8.920	8.918	0.002	83	38570	4.54	
92 1,2,3-Trichloropropane	110	8.932	8.930	0.002	70	12979	5.12	
93 trans-1,4-Dichloro-2-butene	53	8.932	8.930	0.002	61	11981	3.99	
94 N-Propylbenzene	120	9.003	9.001	0.002	96	34406	4.11	
95 2-Chlorotoluene	126	9.098	9.096	0.002	94	33539	4.59	
96 1,3,5-Trimethylbenzene	105	9.169	9.167	0.003	91	105900	4.52	
104 4-Chlorotoluene	126	9.192	9.190	0.002	95	35934	4.75	
97 tert-Butylbenzene	119	9.488	9.486	0.002	88	104308	4.71	
98 1,2,4-Trimethylbenzene	105	9.535	9.533	0.002	80	109630	4.80	
99 sec-Butylbenzene	105	9.701	9.699	0.002	89	140098	4.85	
100 1,3-Dichlorobenzene	146	9.819	9.817	0.002	81	70849	4.65	
101 4-Isopropyltoluene	119	9.843	9.841	0.002	83	109450	4.25	
102 1,4-Dichlorobenzene	146	9.902	9.900	0.002	84	76810	4.81	
105 n-Butylbenzene	91	10.245	10.243	0.002	90	90564	4.50	
106 1,2-Dichlorobenzene	146	10.269	10.267	0.002	91	68566	4.74	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 1,2-Dibromo-3-Chloropropane	157	11.026	11.024	0.002	12	5328	5.32	
108 1,3,5-Trichlorobenzene	180	11.251	11.248	0.003	93	46819	5.09	
109 1,2,4-Trichlorobenzene	180	11.854	11.863	-0.009	85	41174	5.23	
110 Hexachlorobutadiene	225	12.031	12.029	0.002	74	18831	4.51	
111 Naphthalene	128	12.102	12.100	0.002	90	92185	5.84	
112 1,2,3-Trichlorobenzene	180	12.362	12.360	0.002	84	39515	6.00	
S 136 Trihalomethanes, Total	1				0		17.8	
S 11 1,2-Dichloroethene, Total	96				0		9.38	
S 9 1,3-Dichloropropene, Total	75				0		8.52	
S 114 Xylenes, Total	106				0		14.0	

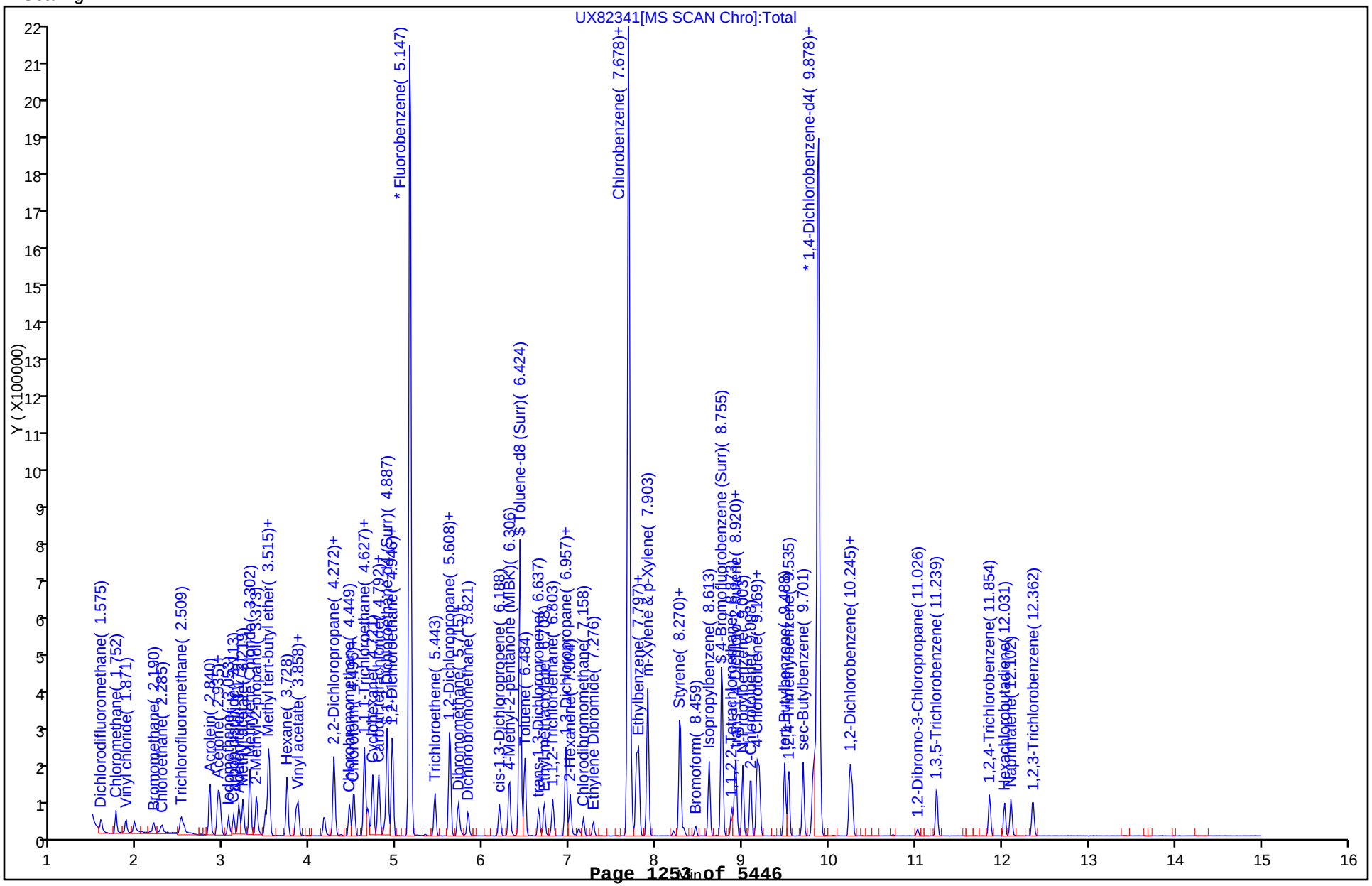
Report Date: 11-Dec-2012 21:45:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82341.D

Injection Date:	11-Dec-2012 05:33:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68080	Lims Sample ID:	8
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82342.D
Lims ID: STD8260 L2 Client ID:
Inject. Date: 11-Dec-2012 05:54:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015698-009
Misc. Info.: M21211A,8260SUX8,,402279 =M21211A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 8
Lims Batch ID: 68080 Lims Sample ID: 9
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\8260_8.m
Last Update: 11-Dec-2012 21:45:26 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK003

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.158	5.157	0.001	99	1618130	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.676	0.001	95	1197958	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.876	0.001	99	573383	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.624	0.001	56	119538	2.42	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.885	0.001	92	167223	2.95	
$ 7 Toluene-d8 (Surr)	98	6.423	6.422	0.001	94	437092	2.45	
$ 131 4-Bromofluorobenzene (Surr)	95	8.753	8.753	0.0	92	160256	2.51	
12 Dichlorodifluoromethane	85	1.574	1.584	-0.010	57	9390	1.77	
13 Chloromethane	50	1.751	1.750	0.001	97	20218	1.99	
14 Vinyl chloride	62	1.869	1.868	0.001	41	10684	1.80	
15 Bromomethane	94	2.189	2.188	0.001	72	5973	1.04	
16 Chloroethane	64	2.283	2.282	0.001	59	7091	2.35	
18 Trichlorofluoromethane	101	2.508	2.507	0.001	73	11787	1.69	
20 Acrolein	56	2.839	2.838	0.001	88	40444	22.6	
21 1,1-Dichloroethene	96	2.934	2.933	0.001	76	7135	1.34	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.946	2.945	0.001	28	4446	0.9558	
22 Acetone	43	2.957	2.957	0.0	93	40816	0.8786	
24 Iodomethane	142	3.052	3.051	0.001	76	19780	1.86	
26 Carbon disulfide	76	3.111	3.110	0.001	87	19806	1.27	
27 Acetonitrile	41	3.170	3.169	0.001	98	39210	22.7	
28 Methyl acetate	43	3.218	3.217	0.001	95	47535	4.47	
30 Methylene Chloride	84	3.300	3.300	0.0	89	38121	2.34	
31 2-Methyl-2-propanol	59	3.371	3.382	-0.011	85	34728	44.3	
32 Acrylonitrile	53	3.478	3.477	0.001	90	21070	4.69	
34 Methyl tert-butyl ether	73	3.525	3.524	0.001	81	36858	2.01	
33 trans-1,2-Dichloroethene	96	3.525	3.524	0.001	51	10101	1.63	
35 Hexane	86	3.726	3.737	-0.011	75	2070	1.13	
36 1,1-Dichloroethane	63	3.833	3.832	0.001	63	21543	1.75	
37 Vinyl acetate	86	3.868	3.856	0.012	88	2163	1.60	
41 2-Butanone (MEK)	43	4.270	4.269	0.001	91	29301	4.44	
42 cis-1,2-Dichloroethene	96	4.270	4.269	0.001	79	13817	1.92	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	4.282	4.281	0.001	45	6317	1.27	
47 Chlorobromomethane	128	4.460	4.459	0.001	77	8647	2.10	
48 Tetrahydrofuran	42	4.495	4.494	0.001	64	9522	2.31	
49 Chloroform	83	4.507	4.506	0.001	79	21856	1.90	
50 1,1,1-Trichloroethane	97	4.673	4.672	0.001	59	11644	1.28	
51 Cyclohexane	56	4.720	4.719	0.001	85	16180	1.09	
52 1,1-Dichloropropene	75	4.791	4.790	0.001	45	11372	1.41	
53 Carbon tetrachloride	117	4.803	4.802	0.001	75	8672	1.01	
56 1,2-Dichloroethane	62	4.945	4.944	0.001	66	26906	2.28	
55 Benzene	78	4.945	4.944	0.001	87	44433	1.84	
60 Trichloroethene	130	5.441	5.441	0.0	70	12750	1.72	
63 Methylcyclohexane	83	5.607	5.606	0.001	72	11524	1.03	
62 1,2-Dichloropropane	63	5.619	5.618	0.001	52	13225	1.90	
65 Dibromomethane	93	5.714	5.713	0.001	71	8094	2.04	
66 1,4-Dioxane	88	5.714	5.713	0.001	69	8615	114.0	
67 Dichlorobromomethane	83	5.820	5.819	0.001	68	14606	1.88	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.187	6.186	0.001	49	13887	1.55	
71 4-Methyl-2-pentanone (MIBK)	43	6.305	6.304	0.001	88	50406	4.26	
72 Toluene	91	6.482	6.481	0.001	93	51332	1.78	
73 trans-1,3-Dichloropropene	75	6.648	6.635	0.013	63	12044	2.86	
74 Ethyl methacrylate	69	6.707	6.706	0.001	61	15066	1.76	
75 1,1,2-Trichloroethane	97	6.802	6.801	0.001	75	11891	1.99	
76 1,3-Dichloropropane	76	6.956	6.955	0.001	69	20546	2.05	
77 Tetrachloroethene	164	6.956	6.955	0.001	78	8984	1.50	
78 2-Hexanone	43	7.003	7.002	0.001	87	35890	4.18	
79 Chlorodibromomethane	129	7.157	7.156	0.001	33	10691	2.77	
123 Ethylene Dibromide	107	7.275	7.274	0.001	53	12742	2.03	
82 Chlorobenzene	112	7.713	7.712	0.001	85	40657	2.02	
83 1,1,1,2-Tetrachloroethane	131	7.772	7.771	0.001	30	11979	1.84	
84 Ethylbenzene	106	7.795	7.794	0.001	89	17466	1.77	
10 m-Xylene & p-Xylene	106	7.902	7.901	0.001	97	40732	3.41	
85 o-Xylene	106	8.268	8.268	0.0	84	19458	1.72	
86 Styrene	104	8.280	8.279	0.001	79	31283	1.62	
87 Bromoform	173	8.458	8.457	0.001	49	5598	2.66	
88 Isopropylbenzene	105	8.611	8.611	0.0	72	42123	1.43	
90 1,1,2,2-Tetrachloroethane	83	8.872	8.871	0.001	59	13206	1.99	
91 Bromobenzene	156	8.907	8.918	-0.011	81	16769	2.00	
92 1,2,3-Trichloropropane	110	8.931	8.930	0.001	58	5680	2.26	
93 trans-1,4-Dichloro-2-butene	53	8.931	8.930	0.001	31	5289	1.78	
94 N-Propylbenzene	120	9.002	9.001	0.001	88	10712	1.29	
95 2-Chlorotoluene	126	9.096	9.096	0.0	81	13469	1.86	
96 1,3,5-Trimethylbenzene	105	9.167	9.167	0.001	78	34395	1.48	
104 4-Chlorotoluene	126	9.191	9.190	0.001	79	13526	1.81	
97 tert-Butylbenzene	119	9.487	9.486	0.001	71	30702	1.40	
98 1,2,4-Trimethylbenzene	105	9.534	9.533	0.001	62	36528	1.62	
99 sec-Butylbenzene	105	9.700	9.699	0.001	65	39694	1.39	
100 1,3-Dichlorobenzene	146	9.818	9.817	0.001	73	29946	1.99	
101 4-Isopropyltoluene	119	9.842	9.841	0.001	62	32841	1.29	
102 1,4-Dichlorobenzene	146	9.901	9.900	0.001	73	32520	2.06	
105 n-Butylbenzene	91	10.244	10.243	0.001	77	28158	1.41	
106 1,2-Dichlorobenzene	146	10.267	10.267	0.0	78	29203	2.04	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 1,2-Dibromo-3-Chloropropane	157	11.025	11.024	0.001	1	1939	1.98	
108 1,3,5-Trichlorobenzene	180	11.249	11.248	0.001	61	17793	1.96	
109 1,2,4-Trichlorobenzene	180	11.853	11.863	-0.010	47	18453	1.95	
110 Hexachlorobutadiene	225	12.030	12.029	0.001	29	6390	-0.9727	
111 Naphthalene	128	12.101	12.100	0.001	74	39793	2.91	
112 1,2,3-Trichlorobenzene	180	12.361	12.360	0.001	63	16843	1.63	
S 136 Trihalomethanes, Total	1				0		9.21	
S 11 1,2-Dichloroethene, Total	96				0		3.56	
S 9 1,3-Dichloropropene, Total	75				0		4.41	
S 114 Xylenes, Total	106				0		5.13	

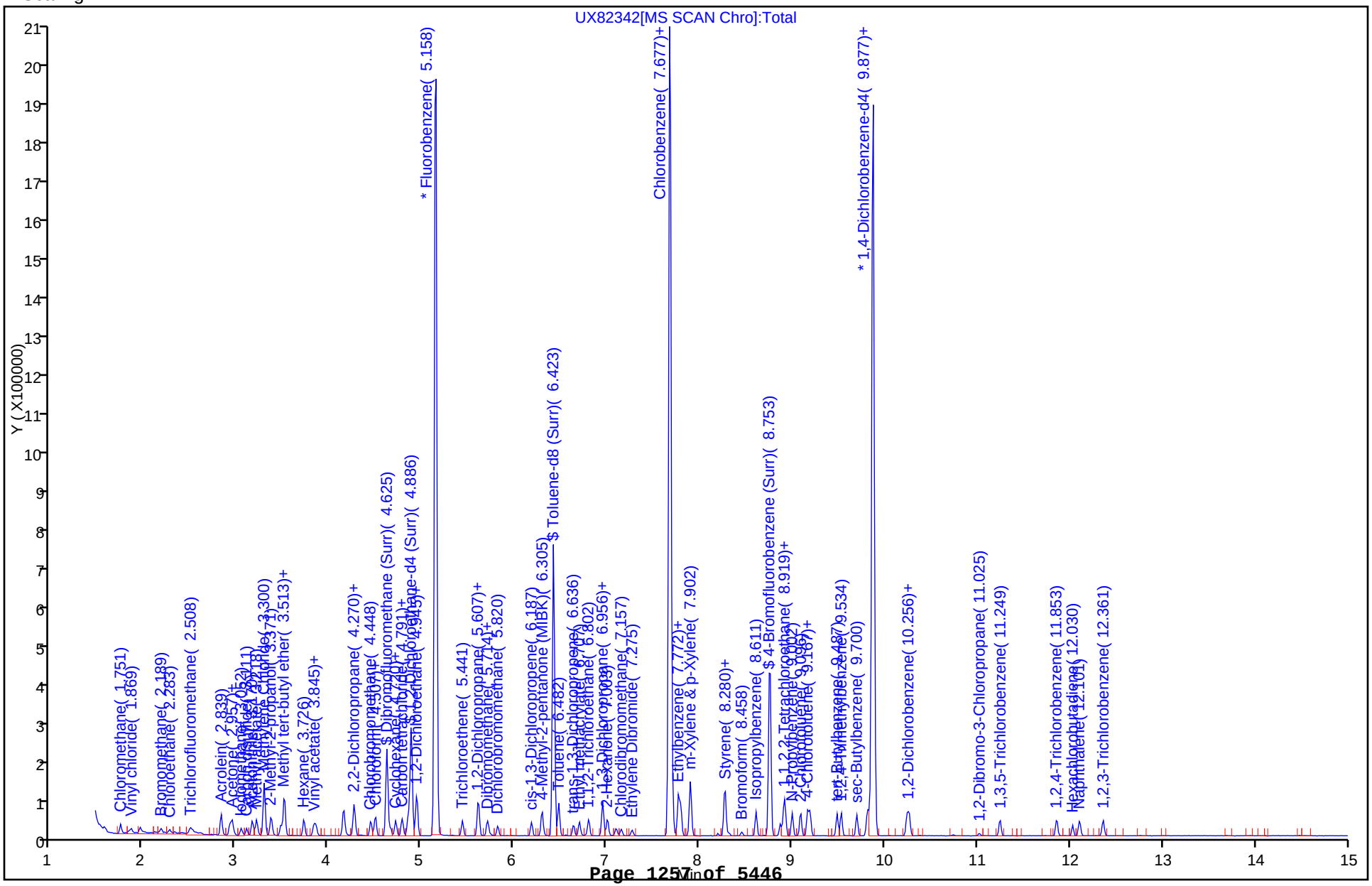
Report Date: 11-Dec-2012 21:45:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82342.D

Injection Date:	11-Dec-2012 05:54:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68080	Lims Sample ID:	9
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82343.D
Lims ID: STD8260 L1 Client ID:
Inject. Date: 11-Dec-2012 06:15:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015698-010
Misc. Info.: M21211A,8260SUX8,,402279 =M21211A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 9
Lims Batch ID: 68080 Lims Sample ID: 10
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\8260_8.m
Last Update: 11-Dec-2012 21:45:27 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK003

First Level Reviewer: latat Date: 11-Dec-2012 20:20:52

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.157	-0.001	99	1599273	50.0	
* 2 Chlorobenzene-d5	117	7.688	7.676	0.012	97	1179414	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.876	0.0	98	571625	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.624	0.0	56	90999	-1.74	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.885	-0.001	92	121982	-2.39	
$ 7 Toluene-d8 (Surr)	98	6.422	6.422	0.0	94	333473	-1.33	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.753	0.011	92	121959	-1.72	
12 Dichlorodifluoromethane	85	1.572	1.584	-0.012	39	4288	0.8174	
13 Chloromethane	50	1.750	1.750	0.0	82	10661	1.06	
14 Vinyl chloride	62	1.868	1.868	0.0	34	4755	0.8093	
15 Bromomethane	94	2.187	2.188	-0.001	27	2449	-0.3297	
16 Chloroethane	64	2.282	2.282	0.0	31	3100	1.30	
18 Trichlorofluoromethane	101	2.507	2.507	0.0	45	5872	0.8502	
20 Acrolein	56	2.838	2.838	0.0	77	17416	9.85	
21 1,1-Dichloroethene	96	2.933	2.933	0.0	58	3856	0.7338	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.945	-0.001	2	1320	0.2871	
22 Acetone	43	2.956	2.957	-0.001	89	30378	-1.97	
24 Iodomethane	142	3.051	3.051	0.0	77	9782	0.9283	
26 Carbon disulfide	76	3.110	3.110	0.0	89	9801	0.6376	
27 Acetonitrile	41	3.169	3.169	0.0	93	19865	11.6	
28 Methyl acetate	43	3.216	3.217	-0.001	95	19272	1.83	
30 Methylene Chloride	84	3.299	3.300	-0.001	85	27258	0.7895	
31 2-Methyl-2-propanol	59	3.370	3.382	-0.012	71	13586	17.5	
32 Acrylonitrile	53	3.477	3.477	0.0	72	8372	1.88	
34 Methyl tert-butyl ether	73	3.512	3.524	-0.012	71	14987	0.8266	
33 trans-1,2-Dichloroethene	96	3.524	3.524	0.0	38	5615	0.9195	
35 Hexane	86		3.737					
36 1,1-Dichloroethane	63	3.832	3.832	0.0	35	11226	0.9250	
37 Vinyl acetate	86	3.867	3.856	0.011	91	852	0.6393	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
41 2-Butanone (MEK)	43	4.269	4.269	0.0	76	13140	2.02	
42 cis-1,2-Dichloroethene	96	4.269	4.269	0.0	56	6143	0.8645	
43 2,2-Dichloropropane	77	4.281	4.281	0.0	42	3092	0.6291	
47 Chlorobromomethane	128	4.458	4.459	-0.001	57	3549	0.8721	
48 Tetrahydrofuran	42	4.494	4.494	0.0	41	4137	1.02	
49 Chloroform	83	4.506	4.506	0.0	75	10467	0.9206	
50 1,1,1-Trichloroethane	97	4.660	4.672	-0.012	22	6200	0.6909	
51 Cyclohexane	56	4.719	4.719	0.0	57	6143	0.4180	
52 1,1-Dichloropropene	75	4.790	4.790	0.0	28	6081	0.7614	
53 Carbon tetrachloride	117	4.802	4.802	0.0	66	5052	0.5956	
56 1,2-Dichloroethane	62	4.943	4.944	-0.001	34	10133	0.8670	
55 Benzene	78	4.943	4.944	-0.001	86	22464	0.9391	
60 Trichloroethene	130	5.440	5.441	-0.001	56	6712	0.9143	
63 Methylcyclohexane	83	5.606	5.606	0.0	35	4778	0.4329	
62 1,2-Dichloropropane	63	5.618	5.618	0.0	56	6692	0.9741	
65 Dibromomethane	93	5.712	5.713	-0.001	55	3053	0.7786	
66 1,4-Dioxane	88	5.712	5.713	-0.001	56	3680	49.3	
67 Dichlorobromomethane	83	5.819	5.819	0.0	24	6294	0.8201	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.186	-0.001	28	6071	0.6861	
71 4-Methyl-2-pentanone (MIBK)	43	6.304	6.304	0.0	84	22059	1.89	
72 Toluene	91	6.481	6.481	0.0	78	25831	0.9081	
73 trans-1,3-Dichloropropene	75	6.635	6.635	0.0	38	5206	2.12	
74 Ethyl methacrylate	69	6.706	6.706	0.0	46	6022	0.7126	
75 1,1,2-Trichloroethane	97	6.801	6.801	0.0	38	5396	0.9153	
76 1,3-Dichloropropane	76	6.954	6.955	-0.001	54	8650	0.8753	
77 Tetrachloroethene	164	6.954	6.955	-0.001	55	4565	0.7729	
78 2-Hexanone	43	7.013	7.002	0.011	69	14794	1.75	
79 Chlorodibromomethane	129	7.155	7.156	-0.001	12	4088	1.91	
123 Ethylene Dibromide	107	7.274	7.274	0.0	33	5424	0.8782	
82 Chlorobenzene	112	7.711	7.712	-0.001	53	19238	0.9710	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.771	-0.001	15	4856	0.7573	
84 Ethylbenzene	106	7.794	7.794	0.0	75	8622	0.8877	
10 m-Xylene & p-Xylene	106	7.901	7.901	0.0	96	20578	1.75	
85 o-Xylene	106	8.267	8.268	-0.001	78	9044	0.8121	
86 Styrene	104	8.279	8.279	0.0	61	13323	0.7028	
87 Bromoform	173	8.457	8.457	0.0	1	2363	1.87	
88 Isopropylbenzene	105	8.610	8.611	-0.001	67	21548	0.7442	
90 1,1,2,2-Tetrachloroethane	83	8.871	8.871	0.0	1	5730	0.8655	
91 Bromobenzene	156	8.918	8.918	0.0	58	7950	0.9487	
92 1,2,3-Trichloropropane	110	8.930	8.930	0.0	40	1721	0.6883	
93 trans-1,4-Dichloro-2-butene	53	8.930	8.930	0.0	1	1979	0.6686	
94 N-Propylbenzene	120	9.001	9.001	0.0	73	5689	0.6896	
95 2-Chlorotoluene	126	9.095	9.096	-0.001	61	6663	0.9243	
96 1,3,5-Trimethylbenzene	105	9.166	9.167	0.0	43	16783	0.7261	
104 4-Chlorotoluene	126	9.202	9.190	0.012	37	6142	0.8239	
97 tert-Butylbenzene	119	9.486	9.486	0.0	56	16306	0.7477	
98 1,2,4-Trimethylbenzene	105	9.533	9.533	0.0	33	16487	0.7328	
99 sec-Butylbenzene	105	9.699	9.699	0.0	31	19237	0.6753	
100 1,3-Dichlorobenzene	146	9.817	9.817	0.0	1	13902	0.9257	
101 4-Isopropyltoluene	119	9.840	9.841	-0.001	54	17677	0.6967	
102 1,4-Dichlorobenzene	146	9.900	9.900	0.0	67	14834	0.9418	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	10.243	10.243	0.0	52	12757	0.6429	
106 1,2-Dichlorobenzene	146	10.266	10.267	-0.001	65	13827	0.9689	
107 1,2-Dibromo-3-Chloropropane	157	11.035	11.024	0.011	1	835	0.8672	
108 1,3,5-Trichlorobenzene	180	11.248	11.248	0.0	32	8973	0.99	
109 1,2,4-Trichlorobenzene	180	11.863	11.863	0.0	27	8334	0.4590	
110 Hexachlorobutadiene	225	12.029	12.029	0.0	1	3113	-2.47	
111 Naphthalene	128	12.100	12.100	0.0	33	18852	1.72	
112 1,2,3-Trichlorobenzene	180	12.360	12.360	0.0	33	8925	0.0717	
S 136 Trihalomethanes, Total	1				0		5.52	
S 11 1,2-Dichloroethene, Total	96				0		1.78	
S 9 1,3-Dichloropropene, Total	75				0		2.81	
S 114 Xylenes, Total	106				0		2.56	

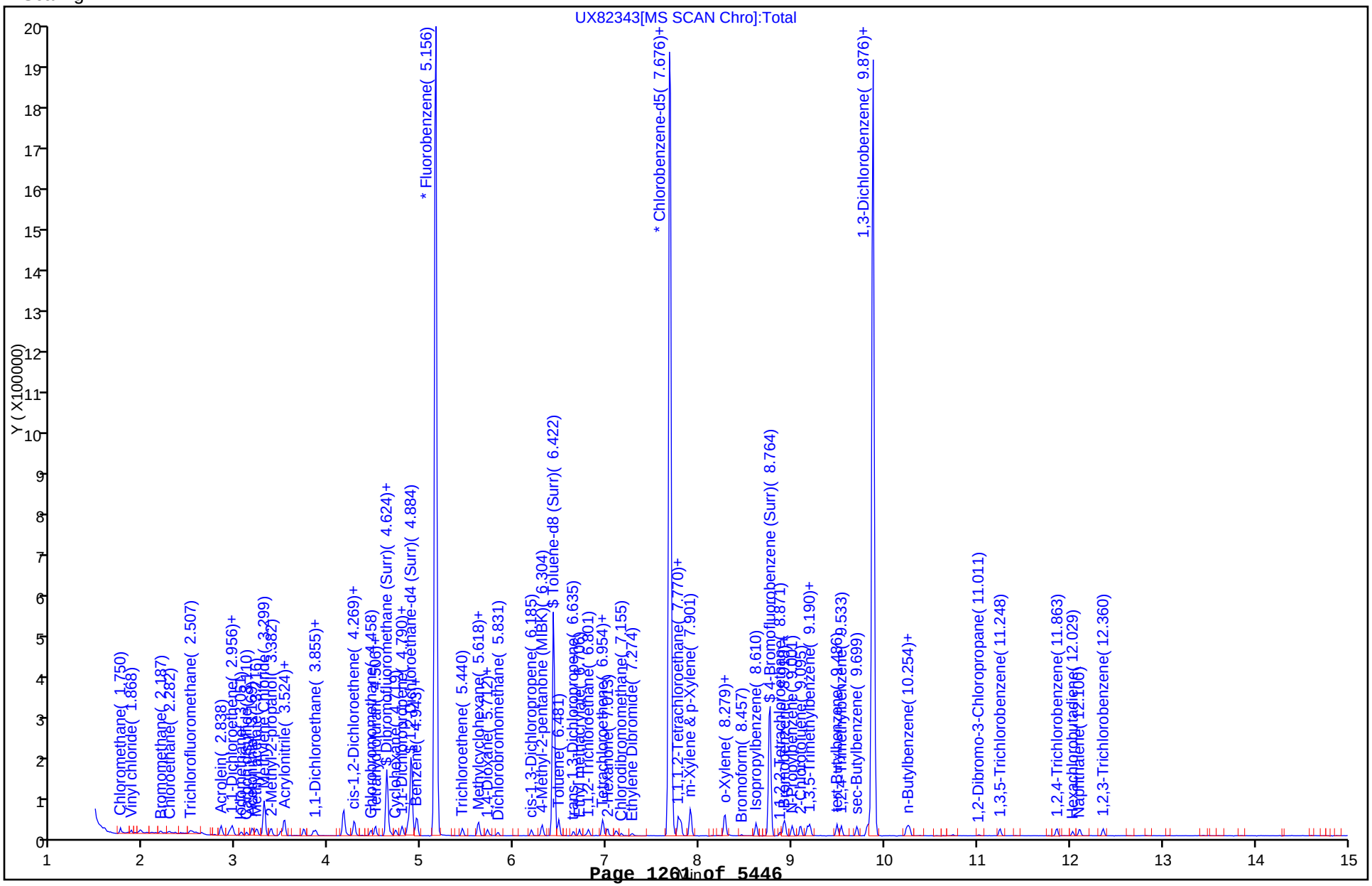
Report Date: 11-Dec-2012 21:45:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82343.D

Injection Date:	11-Dec-2012 06:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68080	Lims Sample ID:	10
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68830

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/14/2012 21:39 Calibration End Date: 12/15/2012 00:08 Calibration ID: 12843

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-68830/10	UX82463.D
Level 2	STD8260 240-68830/9	UX82462.D
Level 3	STD8260 240-68830/8	UX82461.D
Level 4	STD8260 240-68830/7	UX82460.D
Level 5	ICIS 240-68830/6	UX82459.D
Level 6	STD8260 240-68830/5	UX82458.D
Level 7	STD8260 240-68830/4	UX82457.D
Level 8	STD8260 240-68830/3	UX82456.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1330 0.1860	0.1494 0.1753	0.1821 0.1845	0.1903	0.1979	Ave		0.1748			0.1000	13.0		15.0			
Chloromethane	0.3005 0.3078	0.2948 0.3026	0.3117 0.3128	0.3215	0.3310	Ave		0.3103			0.1000	3.8		15.0			
Vinyl chloride	0.1749 0.1929	0.1917 0.1825	0.1952 0.1949	0.2020	0.1993	Ave		0.1917			0.1000	4.6		15.0			
Bromomethane	0.0868 0.1045	0.1100	0.1093	0.1198	0.1177	Ave		0.1080			0.0500	11.0		15.0			
2-Chloroethyl vinyl ether	+++++ 0.0003	+++++ 0.0005	+++++ 0.0009	+++++	+++++	Ave		0.0005				58.0	*	15.0			
Chloroethane	0.1062 0.1221	0.1023 0.1129	0.1179	0.1248	0.1324	Ave		0.1169				9.1		15.0			
Trichlorofluoromethane	0.2053 0.2441	0.1822 0.2651	0.2268 0.2297	0.2385	0.2499	Ave		0.2302			0.1000	11.0		15.0			
Acrolein	0.0640 0.0556	0.0565 0.0513	0.0607 0.0495	0.0562	0.0597	Ave		0.0567				8.5		15.0			
1,1-Dichloroethene	0.1198 0.1668	0.1633 0.1660	0.1570 0.1636	0.1689	0.1728	Ave		0.1598			0.1000	11.0		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1219 0.1460	0.1381 0.1417	0.1470 0.1479	0.1437	0.1600	Ave		0.1433			0.0500	7.5		15.0			
Acetone	+++++ 0.1336	+++++ 0.1232	0.1821 0.1186	0.1424	0.1529	Lin1	0.7066	0.1195			0.0500				0.9970		0.9950
Iodomethane	0.3128 0.3488	0.3568 0.3432	0.3330 0.3360	0.3449	0.3579	Ave		0.3417				4.3		15.0			
Carbon disulfide	0.4227 0.5089	0.4352 0.5177	0.4134 0.5231	0.4655	0.4925	Ave		0.4724			0.1000	9.4		15.0			
Acetonitrile	0.0669 0.0500	0.0579 0.0464	0.0528 0.0448	0.0500	0.0555	Ave		0.0530				13.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68830

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/14/2012 21:39 Calibration End Date: 12/15/2012 00:08 Calibration ID: 12843

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Methyl acetate	0.3448 0.3227	0.3299 0.2955	0.3112 0.2977	0.2884	0.3382	Ave		0.3160			0.1000	6.7		15.0			
Methylene Chloride	+++++ 0.2263	0.3912 0.2133	0.2730 0.2093	0.2635	0.2469	Lin1	0.3957	0.2105			0.1000				0.9990		0.9950
Vinyl acetate	+++++ 0.0476	+++++ 0.0485	0.0385 0.0481	0.0420	0.0466	Ave		0.0452				8.9		15.0			
2-Methyl-2-propanol	0.0254 0.0271	0.0251 0.0236	0.0235 0.0218	0.0232	0.0281	Ave		0.0247				8.6		15.0			
Acrylonitrile	0.1429 0.1340	0.1211 0.1265	0.1307 0.1253	0.1249	0.1405	Ave		0.1307				6.0		15.0			
Methyl tert-butyl ether	0.5803 0.6318	0.5840 0.5934	0.5521 0.5752	0.5760	0.6303	Ave		0.5904			0.1000	4.7		15.0			
trans-1,2-Dichloroethene	0.2086 0.2101	0.1949 0.2028	0.2001 0.1986	0.2077	0.2083	Ave		0.2039			0.1000	2.8		15.0			
Hexane	0.0455 0.0566	0.0619 0.0552	0.0570 0.0577	0.0548	0.0604	Ave		0.0561				8.8		15.0			
1,1-Dichloroethane	0.3881 0.3893	0.3937 0.3882	0.3740 0.3868	0.3839	0.3961	Ave		0.3875			0.1000	1.7		15.0			
2-Butanone (MEK)	0.2415 0.1966	0.1977 0.1797	0.1915 0.1770	0.1827	0.2105	Ave		0.1972			0.0500	11.0		15.0			
cis-1,2-Dichloroethene	0.2329 0.2357	0.2401 0.2283	0.2289 0.2235	0.2332	0.2415	Ave		0.2330			0.1000	2.6		15.0			
2,2-Dichloropropane	0.1295 0.1659	0.1337 0.1621	0.1618 0.1545	0.1581	0.1732	Ave		0.1549				10.0		15.0			
Bromochloromethane	0.1397 0.1342	0.1409 0.1297	0.1257 0.1266	0.1284	0.1375	Ave		0.1328				4.5		15.0			
Tetrahydrofuran	0.1334 0.1266	0.1180 0.1118	0.1146 0.1115	0.1081	0.1297	Ave		0.1192				7.9		15.0			
Chloroform	0.3793 0.3669	0.3635 0.3644	0.3560 0.3604	0.3670	0.3733	Ave		0.3663				2.0		15.0			
1,1,1-Trichloroethane	0.2189 0.2858	0.2482 0.2899	0.2551 0.2936	0.2817	0.2930	Ave		0.2708			0.1000	10.0		15.0			
Cyclohexane	0.3607 0.4557	0.3740 0.4433	0.4181 0.4549	0.4281	0.4602	Ave		0.4244			0.1000	9.0		15.0			
1,1-Dichloropropene	0.2538 0.2590	0.2279 0.2603	0.2432 0.2586	0.2537	0.2648	Ave		0.2526				4.7		15.0			
Carbon tetrachloride	0.2240 0.2673	0.2104 0.2761	0.2209 0.2792	0.2498	0.2600	Ave		0.2485			0.1000	11.0		15.0			
1,2-Dichloroethane	0.3772 0.3589	0.3711 0.3447	0.3552 0.3402	0.3482	0.3652	Ave		0.3576			0.1000	3.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68830

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/14/2012 21:39 Calibration End Date: 12/15/2012 00:08 Calibration ID: 12843

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzene	0.8018 0.7826	0.7923 0.7817	0.7554 0.7581	0.7730	0.8159	Ave		0.7826			0.5000	2.6		15.0			
Trichloroethene	0.2184 0.2412	0.2372 0.2430	0.2287 0.2394	0.2410	0.2531	Ave		0.2378			0.2000	4.3		15.0			
Methylcyclohexane	0.2894 0.3578	0.3060 0.3439	0.3322 0.3501	0.3450	0.3614	Ave		0.3357			0.1000	7.6		15.0			
1,2-Dichloropropane	0.2140 0.2209	0.2239 0.2167	0.1985 0.2114	0.2110	0.2313	Ave		0.2160			0.1000	4.6		15.0			
Dibromomethane	0.1108 0.1331	0.1361 0.1260	0.1223 0.1239	0.1238	0.1363	Ave		0.1266				6.7		15.0			
1,4-Dioxane	0.0024 0.0023	0.0024 0.0022	0.0023 0.0020	0.0023	0.0026	Ave		0.0023				7.9		15.0			
Bromodichloromethane	0.2076 0.2621	0.2156 0.2678	0.2167 0.2696	0.2382	0.2657	Ave		0.2429			0.1000	11.0		15.0			
cis-1,3-Dichloropropene	+++++ 0.2914	0.2324 0.2990	0.2085 0.3052	0.2409	0.2820	Ave		0.2656			0.1500	14.0		15.0			
4-Methyl-2-pentanone (MIBK)	0.3540 0.3687	0.3409 0.3435	0.3347 0.3275	0.3382	0.3965	Ave		0.3505			0.0500	6.4		15.0			
Toluene	1.2108 1.2239	1.2863 1.2680	1.1703 1.2636	1.2366	1.2366	Ave		1.2370			0.4000	3.0		15.0			
trans-1,3-Dichloropropene	0.1979 0.3541	0.2189 0.3837	0.2500 0.3924	0.2901	0.3233	Lin1	-0.346	0.3829			0.1000				0.9970		0.9950
Ethyl methacrylate	0.2824 0.3861	0.2693 0.3829	0.2927 0.3759	0.3271	0.3760	Ave		0.3365				15.0		15.0			
1,1,2-Trichloroethane	0.2795 0.2613	0.2635 0.2545	0.2578 0.2523	0.2467	0.2575	Ave		0.2592			0.1000	3.8		15.0			
1,3-Dichloropropane	0.4195 0.4233	0.4267 0.4192	0.4017 0.4076	0.4094	0.4377	Ave		0.4181				2.8		15.0			
Tetrachloroethene	0.2362 0.2666	0.2687 0.2752	0.2561 0.2734	0.2572	0.2703	Ave		0.2630			0.2000	4.9		15.0			
2-Hexanone	0.2977 0.3512	0.3254 0.3331	0.3368 0.3145	0.3437	0.3728	Ave		0.3344			0.0500	6.9		15.0			
Dibromochloromethane	+++++ 0.3026	+++++ 0.3160	0.2359 0.3211	0.2513	0.2812	Ave		0.2847				12.0		15.0			
1,2-Dibromoethane	0.2227 0.2721	0.2293 0.2695	0.2416 0.2673	0.2610	0.2719	Ave		0.2544				7.9		15.0			
Chlorobenzene	0.8607 0.8291	0.8708 0.8500	0.8225 0.8474	0.8456	0.8447	Ave		0.8463			0.3000	1.8		15.0			
1,1,1,2-Tetrachloroethane	0.2049 0.3002	0.2570 0.3087	0.2414 0.3064	0.2725	0.2867	Ave		0.2722				13.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68830

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/14/2012 21:39 Calibration End Date: 12/15/2012 00:08 Calibration ID: 12843

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	0.4166 0.4316	0.3855 0.4436	0.4257 0.4426	0.4175	0.4477	Ave		0.4263				4.8		15.0			
m-Xylene & p-Xylene	0.4532 0.5267	0.4937 0.5335	0.5001 0.5121	0.5291	0.5470	Ave		0.5119				5.8		15.0			
o-Xylene	0.4264 0.5036	0.4644 0.5031	0.4797 0.4853	0.5107	0.5282	Ave		0.4877				6.5		15.0			
Styrene	0.5980 0.8594	0.6951 0.8718	0.7241 0.8453	0.8251	0.8735	Ave		0.7865			0.3000	13.0		15.0			
Bromoform	0.1021 0.1821	0.1242 0.1852	0.1160 0.1959	0.1389	0.1601	Lin1	-0.167	0.1898			0.1000				0.9960		0.9950
Isopropylbenzene	0.9702 1.3112	1.1143 1.3420	1.2354 1.3284	1.2765	1.3238	Ave		1.2377			0.1000	11.0		15.0			
1,1,2,2-Tetrachloroethane	0.5854 0.5922	0.5595 0.5714	0.5733 0.5871	0.5666	0.5965	Ave		0.5790			0.3000	2.3		15.0			
Bromobenzene	0.6992 0.7336	0.7100 0.7503	0.6656 0.7386	0.7343	0.7501	Ave		0.7227				4.0		15.0			
1,2,3-Trichloropropane	0.2160 0.2220	0.2208 0.2142	0.2302 0.2145	0.2265	0.2451	Ave		0.2237				4.6		15.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2702	+++++ 0.2704	0.2164 0.2784	0.2030	0.2481	Ave		0.2478				13.0		15.0			
N-Propylbenzene	0.5456 0.7246	0.6195 0.7568	0.6400 0.7512	0.7000	0.7347	Ave		0.6841				11.0		15.0			
2-Chlorotoluene	0.5933 0.6467	0.6060 0.6609	0.6147 0.6579	0.6372	0.6344	Ave		0.6314				3.9		15.0			
1,3,5-Trimethylbenzene	1.5869 2.0781	1.7759 2.1901	1.8490 2.2070	2.0301	2.1287	Ave		1.9807				11.0		15.0			
4-Chlorotoluene	0.5993 0.6709	0.6037 0.6875	0.6555 0.6834	0.6862	0.6981	Ave		0.6606				5.8		15.0			
tert-Butylbenzene	1.5963 1.9222	1.6847 2.2024	1.7800 2.0764	1.8988	1.9213	Ave		1.8853				11.0		15.0			
1,2,4-Trimethylbenzene	1.5527 2.0695	1.7898 2.1832	1.9068 2.1867	2.0743	2.1190	Ave		1.9852				11.0		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0975	0.0838 0.1006	0.0826 0.1190	0.0809	0.0873	Ave		0.0931			0.0500	15.0		15.0			
sec-Butylbenzene	2.0320 2.5193	2.1820 2.6559	2.4860 2.7434	2.5689	2.6457	Ave		2.4792				10.0		15.0			
1,3-Dichlorobenzene	1.4017 1.2887	1.3063 1.3327	1.3087 1.3326	1.3456	1.3638	Ave		1.3350			0.6000	2.7		15.0			
4-Isopropyltoluene	1.5948 2.1349	1.8473 2.2671	2.0205 2.3218	2.1656	2.2681	Ave		2.0775				12.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68830

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/14/2012 21:39 Calibration End Date: 12/15/2012 00:08 Calibration ID: 12843

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dichlorobenzene	1.4739 1.3471	1.4451 1.3621	1.3712 1.3616	1.3760	1.3949	Ave		1.3915			0.5000	3.2		15.0			
n-Butylbenzene	1.6232 1.7407	1.5361 1.8150	1.6129 1.8872	1.7037	1.8024	Ave		1.7152				6.9		15.0			
1,2-Dichlorobenzene	1.2777 1.2063	1.2836 1.2174	1.2558 1.2387	1.2854	1.2601	Ave		1.2531			0.4000	2.4		15.0			
1,3,5-Trichlorobenzene	0.7905 0.6816	0.7609 0.7273	0.7943 0.8235	0.7915	0.7306	Ave		0.7625				6.1		15.0			
1,2,4-Trichlorobenzene	+++++ 0.5619	+++++ 0.6138	0.7009 0.6685	0.6632	0.6320	Ave		0.6400			0.2000	7.6		15.0			
Hexachlorobutadiene	+++++ 0.2035	+++++ 0.2264	0.3416 0.2799	0.3188	0.2847	Qua	1.5582	0.1494	0.0006						0.9990		0.9900
Naphthalene	+++++ 1.4310	+++++ 1.4932	1.5443 1.6096	1.5502	1.4843	Ave		1.5188				4.1		15.0			
1,2,3-Trichlorobenzene	0.7510 0.4294	0.7263 0.4658	0.7033 0.5270	0.6505	0.4919	Qua	1.3056	0.3832	0.0007						1.0000		0.9900
Dibromofluoromethane (Surr)	2.6587 0.2424	1.3335 0.2291	0.6822 0.2189	0.4167	0.3309	Qua	2.3439	0.2003	0						1.0000		0.9900
1,2-Dichloroethane-d4 (Surr)	3.4376 0.3049	1.6470 0.2851	0.8622 0.2776	0.5289	0.4240	Qua	3.0473	0.2453	0.0001						1.0000		0.9900
Toluene-d8 (Surr)	12.654 1.2095	6.2252 1.1706	3.3672 1.1209	2.0588	1.5487	Qua	10.755	1.0245	0.0002						1.0000		0.9900
4-Bromofluorobenzene (Surr)	4.3129 0.4116	2.2635 0.3983	1.2205 0.3789	0.7620	0.5856	Qua	4.1021	0.3463	0.0001						1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68830

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/14/2012 21:39 Calibration End Date: 12/15/2012 00:08 Calibration ID: 12843

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-68830/10	UX82463.D
Level 2	STD8260 240-68830/9	UX82462.D
Level 3	STD8260 240-68830/8	UX82461.D
Level 4	STD8260 240-68830/7	UX82460.D
Level 5	ICIS 240-68830/6	UX82459.D
Level 6	STD8260 240-68830/5	UX82458.D
Level 7	STD8260 240-68830/4	UX82457.D
Level 8	STD8260 240-68830/3	UX82456.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	4205 311430	9663 611852	30487 1270008	63979	123828	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Chloromethane	FB	Ave	9501 515300	19070 1056132	52180 2153802	108072	207125	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Vinyl chloride	FB	Ave	5532 322990	12402 636910	32681 1341758	67924	124705	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Bromomethane	FB	Ave	2744 174859	7117	18300	40273	73632	1.00 50.0	2.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 842	+++++ 3525	+++++ 12234	+++++	+++++	+++++ 100	+++++ 200	+++++ 400	+++++	+++++
Chloroethane	FB	Ave	3357 204335	6617 394155	19732	41941	82840	1.00 50.0	2.00 100	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	6491 408621	11788 925393	37965 1581244	80168	156393	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Acrolein	FB	Ave	20254 931490	36547 1791454	101546 3406306	188795	373314	10.0 500	20.0 1000	50.0 2000	100	200
1,1-Dichloroethene	FB	Ave	3787 279284	10567 579462	26281 1126666	56784	108113	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	3855 244381	8934 494708	24617 1018042	48309	100118	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Acetone	FB	Lin1	+++++ 447171	+++++ 860386	60989 1633375	95745	191394	+++++ 100	+++++ 200	10.0 400	20.0	40.0
Iodomethane	FB	Ave	9892 583934	23079 1197748	55747 2313370	115953	223961	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Carbon disulfide	FB	Ave	13368 851887	28154 1806874	69206 3601537	156505	308179	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Acetonitrile	FB	Ave	21154 836667	37469 1620104	88397 3081713	167937	347138	10.0 500	20.0 1000	50.0 2000	100	200
Methyl acetate	FB	Ave	21806 1080296	42676 2062705	104192 4098894	193930	423291	2.00 100	4.00 200	10.0 400	20.0	40.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68830

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/14/2012 21:39 Calibration End Date: 12/15/2012 00:08 Calibration ID: 12843

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Methylene Chloride	FB	Lin1	+++++ 378792	25308 744460	45708 1441174	88594	154508	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
Vinyl acetate	FB	Ave	+++++ 79658	+++++ 169414	6454 331307	14119	29167	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
2-Methyl-2-propanol	FB	Ave	16051 908520	32437 1650645	78857 2996934	155765	351518	20.0 1000	40.0 2000	100 4000	200	400
Acrylonitrile	FB	Ave	9036 448687	15673 882807	43775 1725018	84010	175823	2.00 100	4.00 200	10.0 400	20.0	40.0
Methyl tert-butyl ether	FB	Ave	18352 1057571	37777 2071258	92440 3960694	193657	394402	1.00 50.0	2.00 100	5.00 200	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	6596 351753	12605 707860	33510 1367139	69834	130335	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Hexane	FB	Ave	1439 94689	4007 192717	9551 396940	18422	37785	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1-Dichloroethane	FB	Ave	12273 651725	25466 1355011	62618 2662992	129073	247848	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2-Butanone (MEK)	FB	Ave	15276 658087	25577 1254437	64123 2436790	122850	263497	2.00 100	4.00 200	10.0 400	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	7364 394628	15535 796747	38317 1538554	78395	151087	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2,2-Dichloropropane	FB	Ave	4095 277781	8647 565716	27089 1063550	53157	108402	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Bromochloromethane	FB	Ave	4418 224669	9117 452766	21039 871731	43172	86021	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Tetrahydrofuran	FB	Ave	4217 212011	7636 390404	19184 767655	36325	81189	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Chloroform	FB	Ave	11995 614153	23517 1271764	59601 2481405	123380	233571	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	6923 478476	16058 1011855	42712 2021615	94708	183315	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Cyclohexane	FB	Ave	11405 762809	24197 1547354	70001 3131780	143923	287965	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1-Dichloropropene	FB	Ave	8025 433489	14744 908642	40716 1780341	85275	165693	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Carbon tetrachloride	FB	Ave	7082 447482	13611 963745	36978 1922094	83972	162718	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dichloroethane	FB	Ave	11928 600773	24007 1203185	59462 2342511	117052	228490	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Benzene	FB	Ave	25356 1310082	51253 2728638	126465 5219805	259865	510518	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Trichloroethene	FB	Ave	6905 403787	15346 848098	38291 1648440	81036	158376	1.00 50.0	2.00 100	5.00 200	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68830

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/14/2012 21:39 Calibration End Date: 12/15/2012 00:08 Calibration ID: 12843

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Methylcyclohexane	FB	Ave	9150 599008	19792 1200390	55625 2410533	115979	226117	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dichloropropane	FB	Ave	6768 369766	14484 756212	33237 1455718	70920	144721	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Dibromomethane	FB	Ave	3505 222852	8805 439800	20471 853019	41630	85318	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,4-Dioxane	FB	Ave	3840 193941	7790 375720	19297 684203	38849	81031	50.0 2500	100 5000	250 10000	500	1000
Bromodichloromethane	FB	Ave	6564 438807	13944 934674	36287 1856259	80069	166230	1.00 50.0	2.00 100	5.00 200	10.0	20.0
cis-1,3-Dichloropropene	FB	Ave	+++++ 487781	15034 1043507	34913 2101396	80980	176449	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	22391 1234454	44103 2397597	112091 4509308	227419	496248	2.00 100	4.00 200	10.0 400	20.0	40.0
Toluene	CBZ	Ave	27891 1478221	60417 3077287	139500 5983723	296085	583478	1.00 50.0	2.00 100	5.00 200	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Lin1	4559 427722	10280 931198	29794 1858128	69466	152538	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Ethyl methacrylate	CBZ	Ave	6504 466308	12651 929161	34888 1780064	78323	177385	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	6437 315588	12379 617753	30733 1194990	59077	121471	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	9664 511254	20040 1017392	47881 1930269	98028	206503	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Tetrachloroethene	CBZ	Ave	5441 321948	12623 667821	30523 1294762	61585	127548	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2-Hexanone	CBZ	Ave	13714 848272	30565 1616714	80280 2978847	164598	351837	2.00 100	4.00 200	10.0 400	20.0	40.0
Dibromochloromethane	CBZ	Ave	+++++ 365419	+++++ 766809	28115 1520645	60176	132695	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
1,2-Dibromoethane	CBZ	Ave	5130 328687	10768 654029	28799 1265927	62494	128295	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Chlorobenzene	CBZ	Ave	19826 1001366	40902 2062915	98034 4012683	202470	398530	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	4719 362542	12073 749127	28768 1450812	65252	135256	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Ethylbenzene	CBZ	Ave	9595 521306	18109 1076497	50740 2095936	99971	211226	1.00 50.0	2.00 100	5.00 200	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	20879 1272213	46383 2589492	119231 4850099	253364	516197	2.00 100	4.00 200	10.0 400	20.0	40.0
o-Xylene	CBZ	Ave	9822 608278	21812 1221034	57180 2298139	122271	249204	1.00 50.0	2.00 100	5.00 200	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68830

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/14/2012 21:39 Calibration End Date: 12/15/2012 00:08 Calibration ID: 12843

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Styrene	CBZ	Ave	13774 1037981	32650 2115845	86308 4002915	197558	412152	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Bromoform	CBZ	Lin1	2351 219895	5836 449582	13824 927474	33257	75545	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Isopropylbenzene	CBZ	Ave	22347 1583605	52337 3257078	147260 6290807	305625	624585	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	6760 355628	13136 676576	34623 1358646	69913	143498	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Bromobenzene	DCB	Ave	8075 440530	16668 888353	40198 1709302	90610	180435	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	2495 133286	5184 253637	13904 496412	27947	58969	1.00 50.0	2.00 100	5.00 200	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	+++++ 162256	+++++ 320174	13072 644261	25047	59693	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
N-Propylbenzene	DCB	Ave	6301 435134	14544 896098	38655 1738376	86379	176731	1.00 50.0	2.00 100	5.00 200	10.0	20.0
2-Chlorotoluene	DCB	Ave	6852 388306	14227 782543	37122 1522409	78630	152620	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	18326 1247867	41692 2593118	111669 5107270	250502	512091	1.00 50.0	2.00 100	5.00 200	10.0	20.0
4-Chlorotoluene	DCB	Ave	6921 402872	14172 813980	39587 1581380	84672	167928	1.00 50.0	2.00 100	5.00 200	10.0	20.0
tert-Butylbenzene	DCB	Ave	18435 1154238	39550 2607705	107505 4805077	234302	462196	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	17931 1242683	42017 2584908	115164 5060350	255949	509755	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	+++++ 58561	1967 119137	4988 275406	9983	21003	+++++ 50.0	2.00 100	5.00 200	10.0	20.0
sec-Butylbenzene	DCB	Ave	23467 1512788	51224 3144621	150144 6348651	316981	636460	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	16187 773849	30666 1577986	79037 3083734	166044	328085	1.00 50.0	2.00 100	5.00 200	10.0	20.0
4-Isopropyltoluene	DCB	Ave	18417 1281944	43367 2684256	122026 5373070	267220	545607	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	17021 808904	33926 1612801	82811 3150987	169790	335554	1.00 50.0	2.00 100	5.00 200	10.0	20.0
n-Butylbenzene	DCB	Ave	18746 1045282	36061 2148990	97409 4367301	210231	433597	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	14755 724339	30135 1441390	75846 2866436	158604	303129	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,3,5-Trichlorobenzene	DCB	Ave	9129 409280	17864 861177	47970 1905721	97661	175758	1.00 50.0	2.00 100	5.00 200	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 68830

SDG No.:

Instrument ID: A3UX8 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 12/14/2012 21:39 Calibration End Date: 12/15/2012 00:08 Calibration ID: 12843

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,2,4-Trichlorobenzene	DCB	Ave	+++++ 337393	+++++ 726794	42331 1546915	81830	152036	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
Hexachlorobutadiene	DCB	Qua	+++++ 122203	+++++ 268095	20628 647734	39335	68489	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
Naphthalene	DCB	Ave	+++++ 859269	+++++ 1767970	93266 3724921	191289	357057	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Qua	8673 257851	17050 551471	42473 1219527	80269	118339	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Dibromofluoromethane (Surr)	FB	Qua	84074 405833	86266 799704	114211 1507439	140078	207078	1.00 50.0	2.00 100	5.00 200	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Qua	108706 510390	106542 995184	144352 1911561	177794	265346	1.00 50.0	2.00 100	5.00 200	10.0	20.0
Toluene-d8 (Surr)	CBZ	Qua	291487 1460822	292400 2840967	401361 5307777	492941	730693	1.00 50.0	2.00 100	5.00 200	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Qua	99344 497097	106317 966727	145478 1794071	182458	276307	1.00 50.0	2.00 100	5.00 200	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82456.D
Lims ID: STD8260 L8 Client ID:
Inject. Date: 14-Dec-2012 21:39:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 8
Sample ID: 240-0015873-003
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 68830 Lims Sample ID: 3
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 14:27:26 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

First Level Reviewer: latat Date: 14-Dec-2012 22:04:33

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.147	5.158	-0.011	99	1721299	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.678	0.0	98	1183865	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	99	578536	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.626	0.0	59	1507439	199.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.886	0.0	97	1911561	200.0	
$ 7 Toluene-d8 (Surr)	98	6.424	6.424	0.0	94	5307777	199.7	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.754	0.0	94	1794071	199.8	
12 Dichlorodifluoromethane	85	1.574	1.574	0.0	98	1270008	211.0	
13 Chloromethane	50	1.752	1.752	0.0	100	2153802	201.6	
14 Vinyl chloride	62	1.870	1.870	0.0	99	1341758	203.3	
15 Bromomethane	94	2.154	2.177	-0.023	90	360928	97.1	
16 Chloroethane	64	2.249	2.272	-0.023	93	523685	130.1	
18 Trichlorofluoromethane	101	2.485	2.509	-0.024	96	1581244	199.5	
20 Acrolein	56	2.828	2.840	-0.012	94	3406306	1745.6	
21 1,1-Dichloroethene	96	2.923	2.923	0.0	95	1126666	204.8	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.935	2.946	-0.011	91	1018042	206.4	
22 Acetone	43	2.958	2.958	0.0	94	1633375	391.2	
24 Iodomethane	142	3.041	3.053	-0.012	99	2313370	196.7	
26 Carbon disulfide	76	3.100	3.112	-0.012	98	3601537	221.5	
27 Acetonitrile	41	3.171	3.171	0.0	100	3081713	1688.2	
28 Methyl acetate	43	3.219	3.218	0.001	98	4098894	376.7	
30 Methylene Chloride	84	3.301	3.301	0.0	92	1441174	197.0	
31 2-Methyl-2-propanol	59	3.396	3.372	0.024	94	2996934	3520.9	
32 Acrylonitrile	53	3.479	3.479	0.0	97	1725018	383.3	
34 Methyl tert-butyl ether	73	3.514	3.514	0.0	86	3960694	194.9	
33 trans-1,2-Dichloroethene	96	3.514	3.526	-0.012	89	1367139	194.8	
35 Hexane	86	3.727	3.727	0.0	95	396940	205.4	
36 1,1-Dichloroethane	63	3.834	3.833	0.001	98	2662992	199.6	
37 Vinyl acetate	86	3.857	3.857	0.0	97	331307	212.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 cis-1,2-Dichloroethene	96	4.271	4.271	0.0	87	1538554	191.8	
41 2-Butanone (MEK)	43	4.271	4.271	0.0	96	2436790	359.0	
43 2,2-Dichloropropane	77	4.271	4.283	-0.012	67	1063550	199.5	
47 Chlorobromomethane	128	4.449	4.449	0.001	92	871731	190.6	
48 Tetrahydrofuran	42	4.496	4.496	0.0	92	767655	187.0	
49 Chloroform	83	4.496	4.508	-0.012	99	2481405	196.8	
50 1,1,1-Trichloroethane	97	4.662	4.661	0.001	93	2021615	216.9	
51 Cyclohexane	56	4.721	4.721	0.0	97	3131780	214.4	
52 1,1-Dichloropropene	75	4.780	4.792	-0.012	81	1780341	204.7	
53 Carbon tetrachloride	117	4.792	4.803	-0.011	86	1922094	224.7	
55 Benzene	78	4.946	4.945	0.001	93	5219805	193.7	
56 1,2-Dichloroethane	62	4.946	4.945	0.001	61	2342511	190.3	
60 Trichloroethene	130	5.442	5.442	0.0	93	1648440	201.4	
63 Methylcyclohexane	83	5.608	5.608	0.0	93	2410533	208.6	
62 1,2-Dichloropropane	63	5.620	5.620	0.0	86	1455718	195.8	
65 Dibromomethane	93	5.703	5.714	-0.011	91	853019	195.8	
66 1,4-Dioxane	88	5.714	5.714	0.0	89	684203	8594.1	
67 Dichlorobromomethane	83	5.821	5.821	0.0	96	1856259	222.0	
69 2-Chloroethyl vinyl ether	63	6.046	6.045	0.001	73	12234	648.1	
70 cis-1,3-Dichloropropene	75	6.188	6.187	0.001	81	2101396	229.8	
71 4-Methyl-2-pentanone (MIBK)	43	6.294	6.306	-0.012	98	4509308	373.7	
72 Toluene	91	6.483	6.483	0.0	96	5983723	204.3	
73 trans-1,3-Dichloropropene	75	6.637	6.637	0.0	92	1858128	205.8	
74 Ethyl methacrylate	69	6.708	6.708	0.0	88	1780064	223.4	
75 1,1,2-Trichloroethane	97	6.803	6.802	0.001	94	1194990	194.8	
77 Tetrachloroethene	164	6.956	6.956	0.0	86	1294762	208.0	
76 1,3-Dichloropropane	76	6.956	6.956	0.0	92	1930269	195.0	
78 2-Hexanone	43	7.004	7.003	0.001	97	2978847	376.2	
79 Chlorodibromomethane	129	7.158	7.157	0.001	91	1520645	225.6	
123 Ethylene Dibromide	107	7.276	7.276	0.0	99	1265927	210.1	
82 Chlorobenzene	112	7.713	7.713	0.0	95	4012683	200.2	
83 1,1,1,2-Tetrachloroethane	131	7.773	7.772	0.001	92	1450812	225.1	
84 Ethylbenzene	106	7.796	7.796	0.0	98	2095936	207.6	
10 m-Xylene & p-Xylene	106	7.903	7.902	0.001	98	4850099	400.1	
85 o-Xylene	106	8.269	8.269	0.0	87	2298139	199.0	
86 Styrene	104	8.281	8.281	0.0	90	4002915	214.9	
87 Bromoform	173	8.459	8.458	0.001	98	927474	207.2	
88 Isopropylbenzene	105	8.612	8.612	0.0	96	6290807	214.7	
90 1,1,2,2-Tetrachloroethane	83	8.873	8.872	0.001	81	1358646	202.8	
91 Bromobenzene	156	8.908	8.908	0.0	87	1709302	204.4	
92 1,2,3-Trichloropropane	110	8.932	8.920	0.012	84	496412	191.8	
93 trans-1,4-Dichloro-2-butene	53	8.932	8.932	0.0	76	644261	224.7	
94 N-Propylbenzene	120	9.003	9.002	0.001	98	1738376	219.6	
95 2-Chlorotoluene	126	9.097	9.097	0.0	98	1522409	208.4	
96 1,3,5-Trimethylbenzene	105	9.168	9.168	0.0	92	5107270	222.8	
104 4-Chlorotoluene	126	9.192	9.192	0.0	97	1581380	206.9	
97 tert-Butylbenzene	119	9.488	9.487	0.001	86	4805077	220.3	
98 1,2,4-Trimethylbenzene	105	9.535	9.535	0.0	77	5060350	220.3	
99 sec-Butylbenzene	105	9.701	9.700	0.001	94	6348651	221.3	
100 1,3-Dichlorobenzene	146	9.819	9.819	0.0	91	3083734	199.6	
101 4-Isopropyltoluene	119	9.843	9.842	0.001	91	5373070	223.5	
102 1,4-Dichlorobenzene	146	9.902	9.901	0.001	96	3150987	195.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	10.233	10.233	0.0	98	4367301	220.1	
106 1,2-Dichlorobenzene	146	10.268	10.268	0.0	98	2866436	197.7	
107 1,2-Dibromo-3-Chloropropane	157	11.025	11.025	0.0	86	275406	255.6	
108 1,3,5-Trichlorobenzene	180	11.250	11.250	0.0	98	1905721	216.0	
109 1,2,4-Trichlorobenzene	180	11.853	11.853	0.0	92	1546915	208.9	
110 Hexachlorobutadiene	225	12.031	12.031	0.0	97	647734	200.0	
111 Naphthalene	128	12.102	12.102	0.0	97	3724921	212.0	
112 1,2,3-Trichlorobenzene	180	12.362	12.362	0.0	97	1219527	200.0	
S 136 Trihalomethanes, Total	1				0		851.6	
S 11 1,2-Dichloroethene, Total	96				0		386.6	
S 9 1,3-Dichloropropene, Total	75				0		435.6	
S 114 Xylenes, Total	106				0		599.2	

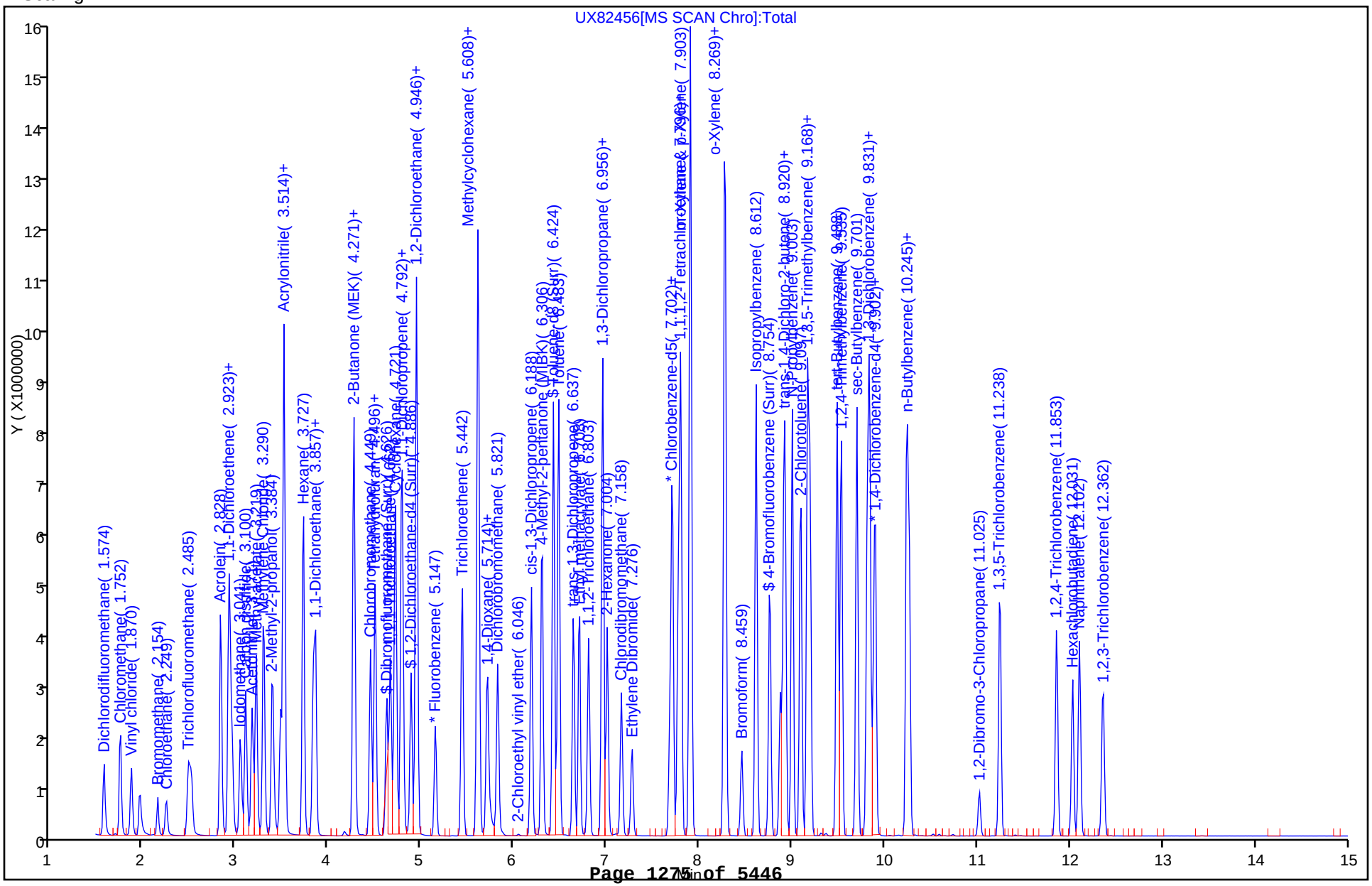
Report Date: 15-Dec-2012 14:27:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82456.D

Injection Date:	14-Dec-2012 21:39:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	3
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82457.D
Lims ID: STD8260 L7 Client ID:
Inject. Date: 14-Dec-2012 22:01:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 7
Sample ID: 240-0015873-004
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 68830 Lims Sample ID: 4
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 14:27:27 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.158	-0.003	99	1745217	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.678	0.008	93	1213478	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.874	9.878	-0.004	93	592007	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.622	4.626	-0.004	58	799704	100.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.886	-0.003	96	995184	100.3	
$ 7 Toluene-d8 (Surr)	98	6.420	6.424	-0.004	94	2840967	101.5	
$ 131 4-Bromofluorobenzene (Surr)	95	8.762	8.754	0.008	94	966727	101.3	
12 Dichlorodifluoromethane	85	1.571	1.574	-0.003	98	611852	100.3	
13 Chloromethane	50	1.748	1.752	-0.004	100	1056132	97.5	
14 Vinyl chloride	62	1.866	1.870	-0.004	99	636910	95.2	
15 Bromomethane	94	2.162	2.177	-0.015	93	251547	66.7	
16 Chloroethane	64	2.268	2.272	-0.004	95	394155	96.6	
18 Trichlorofluoromethane	101	2.493	2.509	-0.016	97	925393	115.2	
20 Acrolein	56	2.836	2.840	-0.004	93	1791454	905.5	
21 1,1-Dichloroethene	96	2.919	2.923	-0.004	95	579462	103.9	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.943	2.946	-0.003	90	494708	98.9	
22 Acetone	43	2.955	2.958	-0.003	94	860386	200.4	
24 Iodomethane	142	3.049	3.053	-0.004	99	1197748	100.4	
26 Carbon disulfide	76	3.108	3.112	-0.004	98	1806874	109.6	
27 Acetonitrile	41	3.167	3.171	-0.004	99	1620104	875.4	
28 Methyl acetate	43	3.215	3.218	-0.003	98	2062705	187.0	
30 Methylene Chloride	84	3.298	3.301	-0.003	92	744460	99.5	
31 2-Methyl-2-propanol	59	3.380	3.372	0.008	94	1650645	1912.7	
32 Acrylonitrile	53	3.475	3.479	-0.004	98	882807	193.5	
34 Methyl tert-butyl ether	73	3.522	3.514	0.008	88	2071258	100.5	
33 trans-1,2-Dichloroethene	96	3.522	3.526	-0.004	66	707860	99.5	
35 Hexane	86	3.723	3.727	-0.004	96	192717	98.4	
36 1,1-Dichloroethane	63	3.830	3.833	-0.003	98	1355011	100.2	
37 Vinyl acetate	86	3.854	3.857	-0.003	97	169414	107.3	
42 cis-1,2-Dichloroethene	96	4.268	4.271	-0.003	87	796747	98.0	
41 2-Butanone (MEK)	43	4.268	4.271	-0.003	95	1254437	182.3	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	4.279	4.283	-0.004	80	565716	104.7	
47 Chlorobromomethane	128	4.457	4.449	0.009	93	452766	97.6	
48 Tetrahydrofuran	42	4.492	4.496	-0.004	93	390404	93.8	
49 Chloroform	83	4.504	4.508	-0.004	98	1271764	99.5	
50 1,1,1-Trichloroethane	97	4.670	4.661	0.009	94	1011855	107.1	
51 Cyclohexane	56	4.717	4.721	-0.004	96	1547354	104.5	
52 1,1-Dichloropropene	75	4.788	4.792	-0.004	81	908642	103.0	
53 Carbon tetrachloride	117	4.800	4.803	-0.003	87	963745	111.1	
55 Benzene	78	4.942	4.945	-0.003	93	2728638	99.9	
56 1,2-Dichloroethane	62	4.942	4.945	-0.003	62	1203185	96.4	
60 Trichloroethene	130	5.439	5.442	-0.003	93	848098	102.2	
63 Methylcyclohexane	83	5.604	5.608	-0.004	92	1200390	102.4	
62 1,2-Dichloropropane	63	5.616	5.620	-0.004	82	756212	100.3	
65 Dibromomethane	93	5.711	5.714	-0.003	86	439800	99.6	
66 1,4-Dioxane	88	5.711	5.714	-0.003	70	375720	4654.6	
67 Dichlorobromomethane	83	5.829	5.821	0.008	97	934674	110.2	
69 2-Chloroethyl vinyl ether	63	6.054	6.045	0.009	13	3525	184.2	
70 cis-1,3-Dichloropropene	75	6.184	6.187	-0.003	80	1043507	112.6	
71 4-Methyl-2-pentanone (MIBK)	43	6.302	6.306	-0.004	98	2397597	196.0	
72 Toluene	91	6.479	6.483	-0.004	97	3077287	102.5	
73 trans-1,3-Dichloropropene	75	6.645	6.637	0.008	91	931198	101.1	
74 Ethyl methacrylate	69	6.704	6.708	-0.004	89	929161	113.8	
75 1,1,2-Trichloroethane	97	6.799	6.802	-0.003	95	617753	98.2	
77 Tetrachloroethene	164	6.953	6.956	-0.003	85	667821	104.6	
76 1,3-Dichloropropane	76	6.953	6.956	-0.003	91	1017392	100.3	
78 2-Hexanone	43	7.000	7.003	-0.003	97	1616714	199.2	
79 Chlorodibromomethane	129	7.154	7.157	-0.003	90	766809	111.0	
123 Ethylene Dibromide	107	7.272	7.276	-0.004	99	654029	105.9	
82 Chlorobenzene	112	7.710	7.713	-0.003	94	2062915	100.4	
83 1,1,1,2-Tetrachloroethane	131	7.769	7.772	-0.003	88	749127	113.4	
84 Ethylbenzene	106	7.804	7.796	0.008	98	1076497	104.0	
10 m-Xylene & p-Xylene	106	7.899	7.902	-0.003	98	2589492	208.4	
85 o-Xylene	106	8.266	8.269	-0.003	89	1221034	103.2	
86 Styrene	104	8.277	8.281	-0.004	90	2115845	110.8	
87 Bromoform	173	8.455	8.458	-0.003	97	449582	98.5	
88 Isopropylbenzene	105	8.609	8.612	-0.003	96	3257078	108.4	
90 1,1,2,2-Tetrachloroethane	83	8.869	8.872	-0.003	93	676576	98.7	
91 Bromobenzene	156	8.916	8.908	0.008	84	888353	103.8	
92 1,2,3-Trichloropropane	110	8.928	8.920	0.008	85	253637	95.8	
93 trans-1,4-Dichloro-2-butene	53	8.928	8.932	-0.004	75	320174	109.1	
94 N-Propylbenzene	120	8.999	9.002	-0.003	98	896098	110.6	
95 2-Chlorotoluene	126	9.094	9.097	-0.003	97	782543	104.7	
96 1,3,5-Trimethylbenzene	105	9.165	9.168	-0.003	84	2593118	110.6	
104 4-Chlorotoluene	126	9.200	9.192	0.008	96	813980	104.1	
97 tert-Butylbenzene	119	9.484	9.487	-0.003	93	2607705	116.8	
98 1,2,4-Trimethylbenzene	105	9.531	9.535	-0.004	73	2584908	110.0	
99 sec-Butylbenzene	105	9.697	9.700	-0.003	94	3144621	107.1	
100 1,3-Dichlorobenzene	146	9.815	9.819	-0.004	92	1577986	99.8	
101 4-Isopropyltoluene	119	9.839	9.842	-0.003	91	2684256	109.1	
102 1,4-Dichlorobenzene	146	9.898	9.901	-0.003	94	1612801	97.9	
105 n-Butylbenzene	91	10.241	10.233	0.008	97	2148990	105.8	
106 1,2-Dichlorobenzene	146	10.265	10.268	-0.003	98	1441390	97.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 1,2-Dibromo-3-Chloropropane	157	11.022	11.025	-0.003	80	119137	108.1	
108 1,3,5-Trichlorobenzene	180	11.246	11.250	-0.004	98	861177	95.4	
109 1,2,4-Trichlorobenzene	180	11.861	11.853	0.008	95	726794	95.9	
110 Hexachlorobutadiene	225	12.027	12.031	-0.004	97	268095	100.0	
111 Naphthalene	128	12.098	12.102	-0.004	97	1767970	98.3	
112 1,2,3-Trichlorobenzene	180	12.358	12.362	-0.004	97	551471	100.2	
S 136 Trihalomethanes, Total	1				0		419.2	
S 11 1,2-Dichloroethene, Total	96				0		197.4	
S 9 1,3-Dichloropropene, Total	75				0		213.7	
S 114 Xylenes, Total	106				0		311.6	

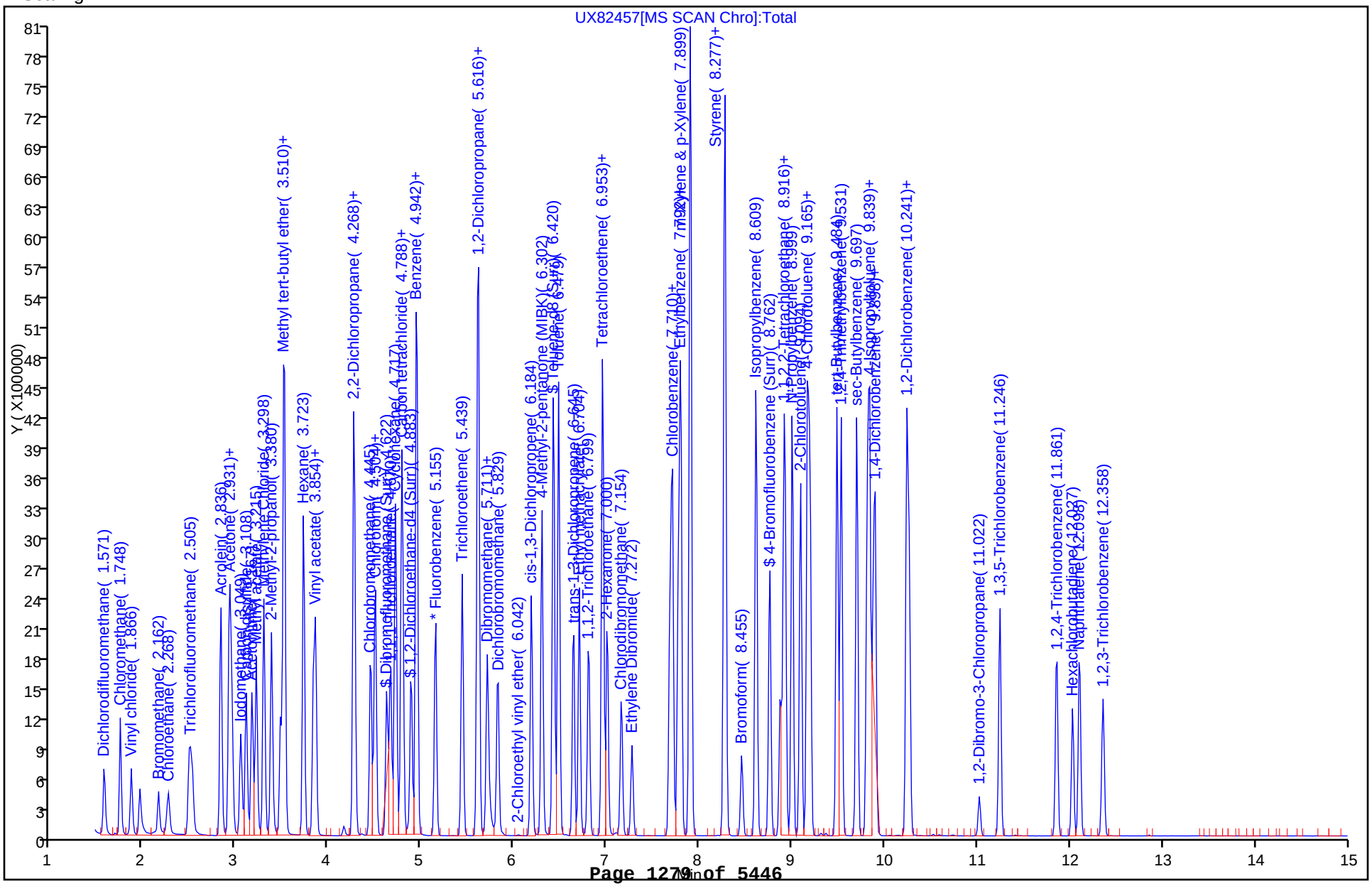
Report Date: 15-Dec-2012 14:27:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82457.D

Injection Date:	14-Dec-2012 22:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	4
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82458.D
Lims ID: STD8260 L6 Client ID:
Inject. Date: 14-Dec-2012 22:22:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015873-005
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 68830 Lims Sample ID: 5
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 14:27:28 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.158	-0.002	100	1674004	50.0	
* 2 Chlorobenzene-d5	117	7.676	7.678	-0.002	97	1207792	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.878	-0.002	99	600480	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.626	-0.002	59	405833	48.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.886	-0.002	98	510390	48.9	
$ 7 Toluene-d8 (Surr)	98	6.422	6.424	-0.002	90	1460822	48.0	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.754	0.010	96	497097	47.2	
12 Dichlorodifluoromethane	85	1.572	1.574	-0.002	86	311430	53.2	
13 Chloromethane	50	1.749	1.752	-0.003	100	515300	49.6	
14 Vinyl chloride	62	1.868	1.870	-0.002	99	322990	50.3	
15 Bromomethane	94	2.175	2.177	-0.002	91	174859	48.4	
16 Chloroethane	64	2.282	2.272	0.010	95	204335	52.2	
18 Trichlorofluoromethane	101	2.506	2.509	-0.003	97	408621	53.0	
20 Acrolein	56	2.838	2.840	-0.002	93	931490	490.8	
21 1,1-Dichloroethene	96	2.932	2.923	0.009	96	279284	52.2	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.946	-0.002	89	244381	50.9	
22 Acetone	43	2.956	2.958	-0.002	96	447171	105.9	
24 Iodomethane	142	3.051	3.053	-0.002	98	583934	51.0	
26 Carbon disulfide	76	3.110	3.112	-0.002	99	851887	53.9	
27 Acetonitrile	41	3.169	3.171	-0.002	99	836667	471.3	
28 Methyl acetate	43	3.216	3.218	-0.002	98	1080296	102.1	
30 Methylene Chloride	84	3.299	3.301	-0.002	92	378792	51.9	
31 2-Methyl-2-propanol	59	3.382	3.372	0.010	93	908520	1097.5	
32 Acrylonitrile	53	3.476	3.479	-0.003	95	448687	102.5	
34 Methyl tert-butyl ether	73	3.524	3.514	0.010	88	1057571	53.5	
33 trans-1,2-Dichloroethene	96	3.524	3.526	-0.002	66	351753	51.5	
35 Hexane	86	3.737	3.727	0.010	96	94689	50.4	
36 1,1-Dichloroethane	63	3.831	3.833	-0.002	98	651725	50.2	
37 Vinyl acetate	86	3.855	3.857	-0.002	97	79658	52.6	
42 cis-1,2-Dichloroethene	96	4.269	4.271	-0.002	87	394628	50.6	
41 2-Butanone (MEK)	43	4.269	4.271	-0.002	95	658087	99.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	4.281	4.283	-0.002	77	277781	53.6	
47 Chlorobromomethane	128	4.458	4.449	0.010	93	224669	50.5	
48 Tetrahydrofuran	42	4.494	4.496	-0.002	92	212011	53.1	
49 Chloroform	83	4.505	4.508	-0.003	98	614153	50.1	
50 1,1,1-Trichloroethane	97	4.671	4.661	0.010	93	478476	52.8	
51 Cyclohexane	56	4.718	4.721	-0.003	96	762809	53.7	
52 1,1-Dichloropropene	75	4.789	4.792	-0.003	81	433489	51.2	
53 Carbon tetrachloride	117	4.801	4.803	-0.002	88	447482	53.8	
55 Benzene	78	4.943	4.945	-0.002	93	1310082	50.0	
56 1,2-Dichloroethane	62	4.943	4.945	-0.002	63	600773	50.2	
60 Trichloroethene	130	5.440	5.442	-0.002	93	403787	50.7	
63 Methylcyclohexane	83	5.606	5.608	-0.002	93	599008	53.3	
62 1,2-Dichloropropane	63	5.617	5.620	-0.003	87	369766	51.1	
65 Dibromomethane	93	5.712	5.714	-0.002	85	222852	52.6	
66 1,4-Dioxane	88	5.712	5.714	-0.002	72	193941	2504.9	
67 Dichlorobromomethane	83	5.818	5.821	-0.003	96	438807	54.0	
69 2-Chloroethyl vinyl ether	63	6.055	6.045	0.010	1	842	45.9	
70 cis-1,3-Dichloropropene	75	6.185	6.187	-0.002	80	487781	54.8	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.306	-0.003	98	1234454	105.2	
72 Toluene	91	6.481	6.483	-0.002	95	1478221	49.5	
73 trans-1,3-Dichloropropene	75	6.646	6.637	0.009	96	427722	47.1	
74 Ethyl methacrylate	69	6.706	6.708	-0.002	88	466308	57.4	
75 1,1,2-Trichloroethane	97	6.800	6.802	-0.002	94	315588	50.4	
77 Tetrachloroethene	164	6.954	6.956	-0.002	82	321948	50.7	
76 1,3-Dichloropropane	76	6.954	6.956	-0.002	93	511254	50.6	
78 2-Hexanone	43	7.001	7.003	-0.002	97	848272	105.0	
79 Chlorodibromomethane	129	7.155	7.157	-0.002	90	365419	53.1	
123 Ethylene Dibromide	107	7.273	7.276	-0.003	98	328687	53.5	
82 Chlorobenzene	112	7.711	7.713	-0.002	93	1001366	49.0	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.772	-0.002	87	362542	55.1	
84 Ethylbenzene	106	7.794	7.796	-0.002	98	521306	50.6	
10 m-Xylene & p-Xylene	106	7.900	7.902	-0.002	98	1272213	102.9	
85 o-Xylene	106	8.267	8.269	-0.002	88	608278	51.6	
86 Styrene	104	8.279	8.281	-0.002	87	1037981	54.6	
87 Bromoform	173	8.456	8.458	-0.002	97	219895	48.8	
88 Isopropylbenzene	105	8.610	8.612	-0.002	96	1583605	53.0	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.872	-0.002	88	355628	51.1	
91 Bromobenzene	156	8.918	8.908	0.010	86	440530	50.8	
92 1,2,3-Trichloropropane	110	8.929	8.920	0.009	82	133286	49.6	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.932	-0.003	74	162256	54.5	
94 N-Propylbenzene	120	9.000	9.002	-0.002	98	435134	53.0	
95 2-Chlorotoluene	126	9.095	9.097	-0.002	97	388306	51.2	
96 1,3,5-Trimethylbenzene	105	9.166	9.168	-0.002	85	1247867	52.5	
104 4-Chlorotoluene	126	9.190	9.192	-0.002	98	402872	50.8	
97 tert-Butylbenzene	119	9.485	9.487	-0.002	87	1154238	51.0	
98 1,2,4-Trimethylbenzene	105	9.533	9.535	-0.002	77	1242683	52.1	
99 sec-Butylbenzene	105	9.698	9.700	-0.002	94	1512788	50.8	
100 1,3-Dichlorobenzene	146	9.816	9.819	-0.003	85	773849	48.3	
101 4-Isopropyltoluene	119	9.840	9.842	-0.002	91	1281944	51.4	
102 1,4-Dichlorobenzene	146	9.899	9.901	-0.002	95	808904	48.4	
105 n-Butylbenzene	91	10.242	10.233	0.009	96	1045282	50.7	
106 1,2-Dichlorobenzene	146	10.266	10.268	-0.002	98	724339	48.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.025	-0.002	71	58561	52.4	
108 1,3,5-Trichlorobenzene	180	11.248	11.250	-0.002	97	409280	44.7	
109 1,2,4-Trichlorobenzene	180	11.863	11.853	0.010	95	337393	43.9	
110 Hexachlorobutadiene	225	12.028	12.031	-0.003	95	122203	48.2	
111 Naphthalene	128	12.099	12.102	-0.003	97	859269	47.1	
112 1,2,3-Trichlorobenzene	180	12.360	12.362	-0.002	97	257851	48.4	
S 136 Trihalomethanes, Total	1				0		206.0	
S 11 1,2-Dichloroethene, Total	96				0		102.1	
S 9 1,3-Dichloropropene, Total	75				0		102.0	
S 114 Xylenes, Total	106				0		154.5	

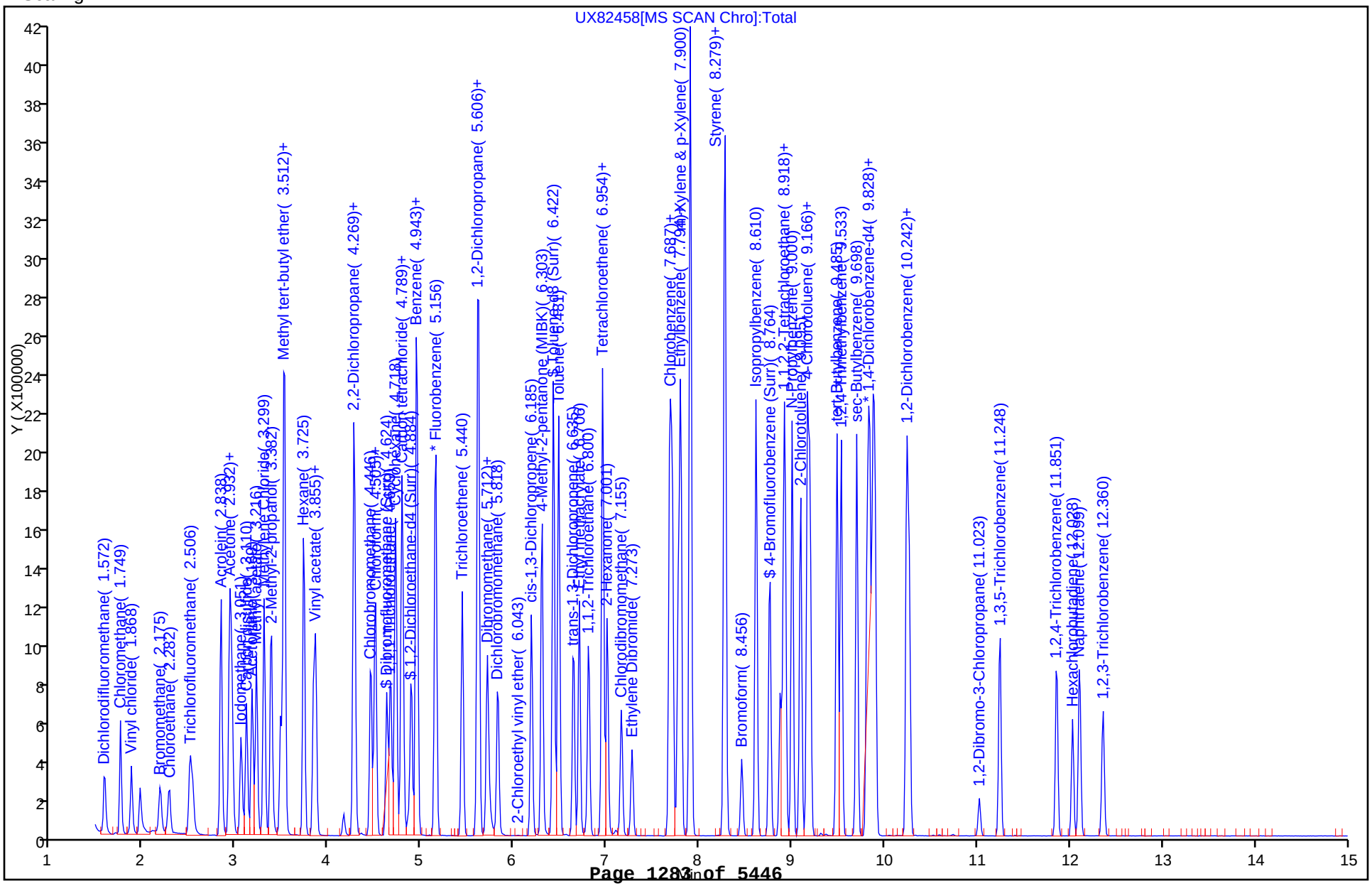
Report Date: 15-Dec-2012 14:27:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82458.D

Injection Date:	14-Dec-2012 22:22:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	5
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82459.D
Lims ID: ICIS L5 Client ID:
Inject. Date: 14-Dec-2012 22:43:30 Dil. Factor: 1.0000
Sample Type: ICIS Calib Level: 5
Sample ID: 240-0015873-006
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 68830 Lims Sample ID: 6
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 14:27:29 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

First Level Reviewer: latat Date: 15-Dec-2012 01:12:48

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.158	5.158	0.0	99	1564357	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.678	0.0	97	1179556	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	99	601402	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.626	0.0	59	207078	21.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.886	0.0	97	265346	22.0	
$ 7 Toluene-d8 (Surr)	98	6.424	6.424	0.0	94	730693	19.7	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.754	0.0	91	276307	21.9	
12 Dichlorodifluoromethane	85	1.574	1.574	0.0	96	123828	22.6	
13 Chloromethane	50	1.752	1.752	0.0	99	207125	21.3	
14 Vinyl chloride	62	1.870	1.870	0.0	83	124705	20.8	
15 Bromomethane	94	2.177	2.177	0.0	91	73632	21.8	
16 Chloroethane	64	2.272	2.272	0.0	95	82840	22.6	
18 Trichlorofluoromethane	101	2.509	2.509	0.0	94	156393	21.7	
20 Acrolein	56	2.840	2.840	0.0	93	373314	210.5	
21 1,1-Dichloroethene	96	2.923	2.923	0.0	87	108113	21.6	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.946	2.946	0.0	82	100118	22.3	
22 Acetone	43	2.958	2.958	0.0	97	191394	45.3	
24 Iodomethane	142	3.053	3.053	0.0	98	223961	21.0	
26 Carbon disulfide	76	3.112	3.112	0.0	98	308179	20.9	
27 Acetonitrile	41	3.171	3.171	0.0	99	347138	209.2	
28 Methyl acetate	43	3.218	3.218	0.0	98	423291	42.8	
30 Methylene Chloride	84	3.301	3.301	0.0	92	154508	21.6	
31 2-Methyl-2-propanol	59	3.372	3.372	0.0	93	351518	454.4	
32 Acrylonitrile	53	3.479	3.479	0.0	97	175823	43.0	
34 Methyl tert-butyl ether	73	3.514	3.514	0.0	86	394402	21.4	
33 trans-1,2-Dichloroethene	96	3.526	3.526	0.0	67	130335	20.4	
35 Hexane	86	3.727	3.727	0.0	95	37785	21.5	
36 1,1-Dichloroethane	63	3.833	3.833	0.0	98	247848	20.4	
37 Vinyl acetate	86	3.857	3.857	0.0	97	29167	20.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 cis-1,2-Dichloroethene	96	4.271	4.271	0.0	87	151087	20.7	
41 2-Butanone (MEK)	43	4.271	4.271	0.0	96	263497	42.7	
43 2,2-Dichloropropane	77	4.283	4.283	0.0	75	108402	22.4	
47 Chlorobromomethane	128	4.449	4.449	0.0	87	86021	20.7	
48 Tetrahydrofuran	42	4.496	4.496	0.0	90	81189	21.8	
49 Chloroform	83	4.508	4.508	0.0	98	233571	20.4	
50 1,1,1-Trichloroethane	97	4.661	4.661	0.0	92	183315	21.6	
51 Cyclohexane	56	4.721	4.721	0.0	98	287965	21.7	
52 1,1-Dichloropropene	75	4.792	4.792	0.0	82	165693	21.0	
53 Carbon tetrachloride	117	4.803	4.803	0.0	87	162718	20.9	
55 Benzene	78	4.945	4.945	0.0	94	510518	20.8	
56 1,2-Dichloroethane	62	4.945	4.945	0.0	61	228490	20.4	
60 Trichloroethene	130	5.442	5.442	0.0	93	158376	21.3	
63 Methylcyclohexane	83	5.608	5.608	0.0	92	226117	21.5	
62 1,2-Dichloropropane	63	5.620	5.620	0.0	87	144721	21.4	
65 Dibromomethane	93	5.714	5.714	0.0	85	85318	21.5	
66 1,4-Dioxane	88	5.714	5.714	0.0	77	81031	1119.9	
67 Dichlorobromomethane	83	5.821	5.821	0.0	95	166230	21.9	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.187	6.187	0.0	80	176449	21.2	
71 4-Methyl-2-pentanone (MIBK)	43	6.306	6.306	0.0	97	496248	45.3	
72 Toluene	91	6.483	6.483	0.0	94	583478	20.0	
73 trans-1,3-Dichloropropene	75	6.637	6.637	0.0	92	152538	17.8	
74 Ethyl methacrylate	69	6.708	6.708	0.0	88	177385	22.3	
75 1,1,2-Trichloroethane	97	6.802	6.802	0.0	88	121471	19.9	
77 Tetrachloroethene	164	6.956	6.956	0.0	83	127548	20.6	
76 1,3-Dichloropropane	76	6.956	6.956	0.0	93	206503	20.9	
78 2-Hexanone	43	7.003	7.003	0.0	97	351837	44.6	
79 Chlorodibromomethane	129	7.157	7.157	0.0	90	132695	19.8	
123 Ethylene Dibromide	107	7.276	7.276	0.0	97	128295	21.4	
82 Chlorobenzene	112	7.713	7.713	0.0	90	398530	20.0	
83 1,1,1,2-Tetrachloroethane	131	7.772	7.772	0.0	87	135256	21.1	
84 Ethylbenzene	106	7.796	7.796	0.0	98	211226	21.0	
10 m-Xylene & p-Xylene	106	7.902	7.902	0.0	98	516197	42.7	
85 o-Xylene	106	8.269	8.269	0.0	87	249204	21.7	
86 Styrene	104	8.281	8.281	0.0	89	412152	22.2	
87 Bromoform	173	8.458	8.458	0.0	95	75545	17.7	
88 Isopropylbenzene	105	8.612	8.612	0.0	96	624585	21.4	
90 1,1,2,2-Tetrachloroethane	83	8.872	8.872	0.0	86	143498	20.6	
91 Bromobenzene	156	8.908	8.908	0.0	93	180435	20.8	
92 1,2,3-Trichloropropane	110	8.920	8.920	0.0	79	58969	21.9	
93 trans-1,4-Dichloro-2-butene	53	8.932	8.932	0.0	66	59693	20.0	
94 N-Propylbenzene	120	9.002	9.002	0.0	98	176731	21.5	
95 2-Chlorotoluene	126	9.097	9.097	0.0	97	152620	20.1	
96 1,3,5-Trimethylbenzene	105	9.168	9.168	0.0	93	512091	21.5	
104 4-Chlorotoluene	126	9.192	9.192	0.0	98	167928	21.1	
97 tert-Butylbenzene	119	9.487	9.487	0.0	91	462196	20.4	
98 1,2,4-Trimethylbenzene	105	9.535	9.535	0.0	85	509755	21.3	
99 sec-Butylbenzene	105	9.700	9.700	0.0	94	636460	21.3	
100 1,3-Dichlorobenzene	146	9.819	9.819	0.0	96	328085	20.4	
101 4-Isopropyltoluene	119	9.842	9.842	0.0	90	545607	21.8	
102 1,4-Dichlorobenzene	146	9.901	9.901	0.0	93	335554	20.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	10.233	10.233	0.0	97	433597	21.0	
106 1,2-Dichlorobenzene	146	10.268	10.268	0.0	97	303129	20.1	
107 1,2-Dibromo-3-Chloropropane	157	11.025	11.025	0.0	61	21003	18.8	
108 1,3,5-Trichlorobenzene	180	11.250	11.250	0.0	97	175758	19.2	
109 1,2,4-Trichlorobenzene	180	11.853	11.853	0.0	95	152036	19.7	
110 Hexachlorobutadiene	225	12.031	12.031	0.0	93	68489	25.1	
111 Naphthalene	128	12.102	12.102	0.0	96	357057	19.5	
112 1,2,3-Trichlorobenzene	180	12.362	12.362	0.0	95	118339	21.4	
S 136 Trihalomethanes, Total	1				0		79.8	
S 11 1,2-Dichloroethene, Total	96				0		41.2	
S 9 1,3-Dichloropropene, Total	75				0		39.0	
S 114 Xylenes, Total	106				0		64.4	

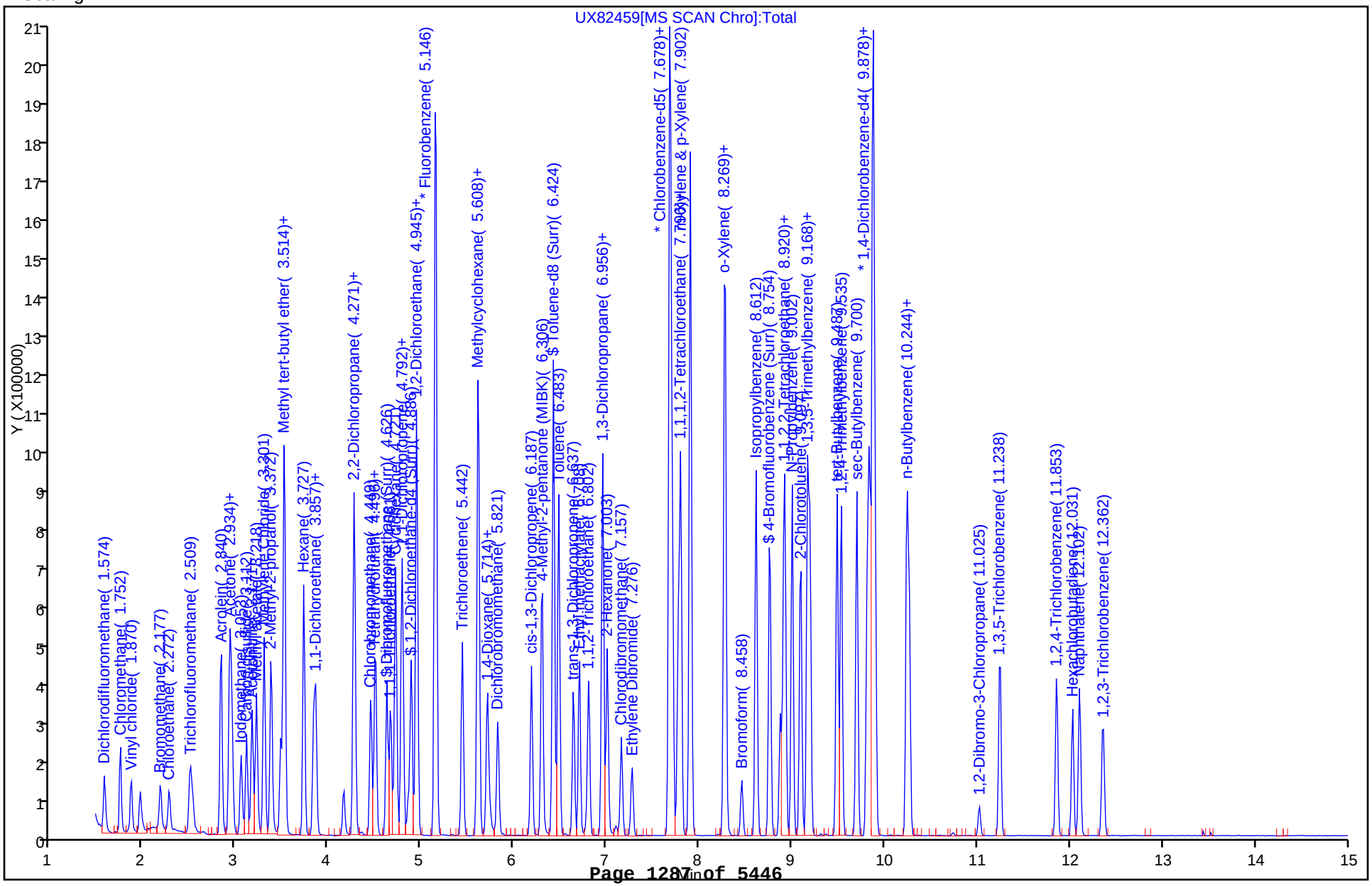
Report Date: 15-Dec-2012 14:27:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82459.D

Injection Date:	14-Dec-2012 22:43:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	6
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82460.D
Lims ID: STD8260 L4 Client ID:
Inject. Date: 14-Dec-2012 23:04:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015873-007
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 68830 Lims Sample ID: 7
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 14:27:30 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.158	-0.002	99	1680905	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	97	1197156	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	99	616966	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.626	-0.003	58	140078	9.08	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.886	-0.002	95	177794	9.11	
$ 7 Toluene-d8 (Surr)	98	6.421	6.424	-0.003	93	492941	9.58	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.754	0.009	94	182458	10.1	
12 Dichlorodifluoromethane	85	1.583	1.574	0.009	94	63979	10.9	
13 Chloromethane	50	1.749	1.752	-0.003	99	108072	10.4	
14 Vinyl chloride	62	1.867	1.870	-0.003	97	67924	10.5	
15 Bromomethane	94	2.187	2.177	0.010	91	40273	11.1	
16 Chloroethane	64	2.281	2.272	0.009	93	41941	10.7	
18 Trichlorofluoromethane	101	2.506	2.509	-0.003	94	80168	10.4	
20 Acrolein	56	2.837	2.840	-0.003	93	188795	99.1	
21 1,1-Dichloroethene	96	2.932	2.923	0.009	94	56784	10.6	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.946	-0.002	78	48309	10.0	
22 Acetone	43	2.956	2.958	-0.002	95	95745	17.9	
24 Iodomethane	142	3.050	3.053	-0.003	99	115953	10.1	
26 Carbon disulfide	76	3.109	3.112	-0.003	98	156505	9.86	
27 Acetonitrile	41	3.169	3.171	-0.003	100	167937	94.2	
28 Methyl acetate	43	3.216	3.218	-0.002	97	193930	18.3	
30 Methylene Chloride	84	3.299	3.301	-0.002	93	88594	10.6	
31 2-Methyl-2-propanol	59	3.370	3.372	-0.002	92	155765	187.4	
32 Acrylonitrile	53	3.476	3.479	-0.003	96	84010	19.1	
34 Methyl tert-butyl ether	73	3.523	3.514	0.009	85	193657	9.76	
33 trans-1,2-Dichloroethene	96	3.523	3.526	-0.003	70	69834	10.2	
35 Hexane	86	3.736	3.727	0.009	96	18422	9.76	
36 1,1-Dichloroethane	63	3.831	3.833	-0.002	96	129073	9.91	
37 Vinyl acetate	86	3.866	3.857	0.009	97	14119	9.28	
42 cis-1,2-Dichloroethene	96	4.269	4.271	-0.002	88	78395	10.0	
41 2-Butanone (MEK)	43	4.269	4.271	-0.002	94	122850	18.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	4.280	4.283	-0.003	69	53157	10.2	
47 Chlorobromomethane	128	4.458	4.449	0.010	89	43172	9.67	
48 Tetrahydrofuran	42	4.493	4.496	-0.003	88	36325	9.06	
49 Chloroform	83	4.505	4.508	-0.003	98	123380	10.0	
50 1,1,1-Trichloroethane	97	4.671	4.661	0.010	91	94708	10.4	
51 Cyclohexane	56	4.718	4.721	-0.003	98	143923	10.1	
52 1,1-Dichloropropene	75	4.789	4.792	-0.003	78	85275	10.0	
53 Carbon tetrachloride	117	4.801	4.803	-0.002	81	83972	10.1	
55 Benzene	78	4.943	4.945	-0.002	93	259865	9.88	
56 1,2-Dichloroethane	62	4.943	4.945	-0.002	60	117052	9.74	
60 Trichloroethene	130	5.440	5.442	-0.002	91	81036	10.1	
63 Methylcyclohexane	83	5.605	5.608	-0.003	87	115979	10.3	
62 1,2-Dichloropropane	63	5.617	5.620	-0.003	77	70920	9.77	
65 Dibromomethane	93	5.712	5.714	-0.002	86	41630	9.79	
66 1,4-Dioxane	88	5.712	5.714	-0.002	80	38849	499.7	
67 Dichlorobromomethane	83	5.818	5.821	-0.003	93	80069	9.81	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.187	-0.002	70	80980	9.07	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.306	-0.003	98	227419	19.3	
72 Toluene	91	6.481	6.483	-0.003	92	296085	10.0	
73 trans-1,3-Dichloropropene	75	6.646	6.637	0.009	88	69466	8.48	
74 Ethyl methacrylate	69	6.705	6.708	-0.003	88	78323	9.72	
75 1,1,2-Trichloroethane	97	6.800	6.802	-0.002	90	59077	9.52	
77 Tetrachloroethene	164	6.954	6.956	-0.002	82	61585	9.78	
76 1,3-Dichloropropane	76	6.954	6.956	-0.002	91	98028	9.79	
78 2-Hexanone	43	7.001	7.003	-0.002	96	164598	20.6	
79 Chlorodibromomethane	129	7.155	7.157	-0.002	83	60176	8.83	
123 Ethylene Dibromide	107	7.273	7.276	-0.003	91	62494	10.3	
82 Chlorobenzene	112	7.711	7.713	-0.002	93	202470	10.0	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.772	-0.002	87	65252	10.0	
84 Ethylbenzene	106	7.793	7.796	-0.003	98	99971	9.79	
10 m-Xylene & p-Xylene	106	7.900	7.902	-0.002	97	253364	20.7	
85 o-Xylene	106	8.267	8.269	-0.002	88	122271	10.5	
86 Styrene	104	8.278	8.281	-0.003	88	197558	10.5	
87 Bromoform	173	8.456	8.458	-0.002	92	33257	8.20	
88 Isopropylbenzene	105	8.610	8.612	-0.002	95	305625	10.3	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.872	-0.002	87	69913	9.79	
91 Bromobenzene	156	8.917	8.908	0.009	86	90610	10.2	
92 1,2,3-Trichloropropane	110	8.929	8.920	0.009	75	27947	10.1	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.932	-0.003	56	25047	8.19	
94 N-Propylbenzene	120	9.000	9.002	-0.002	97	86379	10.2	
95 2-Chlorotoluene	126	9.095	9.097	-0.002	97	78630	10.1	
96 1,3,5-Trimethylbenzene	105	9.166	9.168	-0.002	87	250502	10.2	
104 4-Chlorotoluene	126	9.189	9.192	-0.003	97	84672	10.4	
97 tert-Butylbenzene	119	9.485	9.487	-0.002	90	234302	10.1	
98 1,2,4-Trimethylbenzene	105	9.532	9.535	-0.003	76	255949	10.4	
99 sec-Butylbenzene	105	9.698	9.700	-0.002	93	316981	10.4	
100 1,3-Dichlorobenzene	146	9.816	9.819	-0.003	95	166044	10.1	
101 4-Isopropyltoluene	119	9.840	9.842	-0.002	91	267220	10.4	
102 1,4-Dichlorobenzene	146	9.899	9.901	-0.002	91	169790	9.89	
105 n-Butylbenzene	91	10.242	10.233	0.009	95	210231	9.93	
106 1,2-Dichlorobenzene	146	10.266	10.268	-0.002	96	158604	10.3	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.025	-0.002	28	9983	8.69	
108 1,3,5-Trichlorobenzene	180	11.247	11.250	-0.003	96	97661	10.4	
109 1,2,4-Trichlorobenzene	180	11.862	11.853	0.009	93	81830	10.4	
110 Hexachlorobutadiene	225	12.028	12.031	-0.003	88	39335	10.5	
111 Naphthalene	128	12.111	12.102	0.009	93	191289	10.2	
112 1,2,3-Trichlorobenzene	180	12.359	12.362	-0.003	92	80269	13.3	
S 136 Trihalomethanes, Total	1				0		36.8	
S 11 1,2-Dichloroethene, Total	96				0		20.2	
S 9 1,3-Dichloropropene, Total	75				0		17.5	
S 114 Xylenes, Total	106				0		31.1	

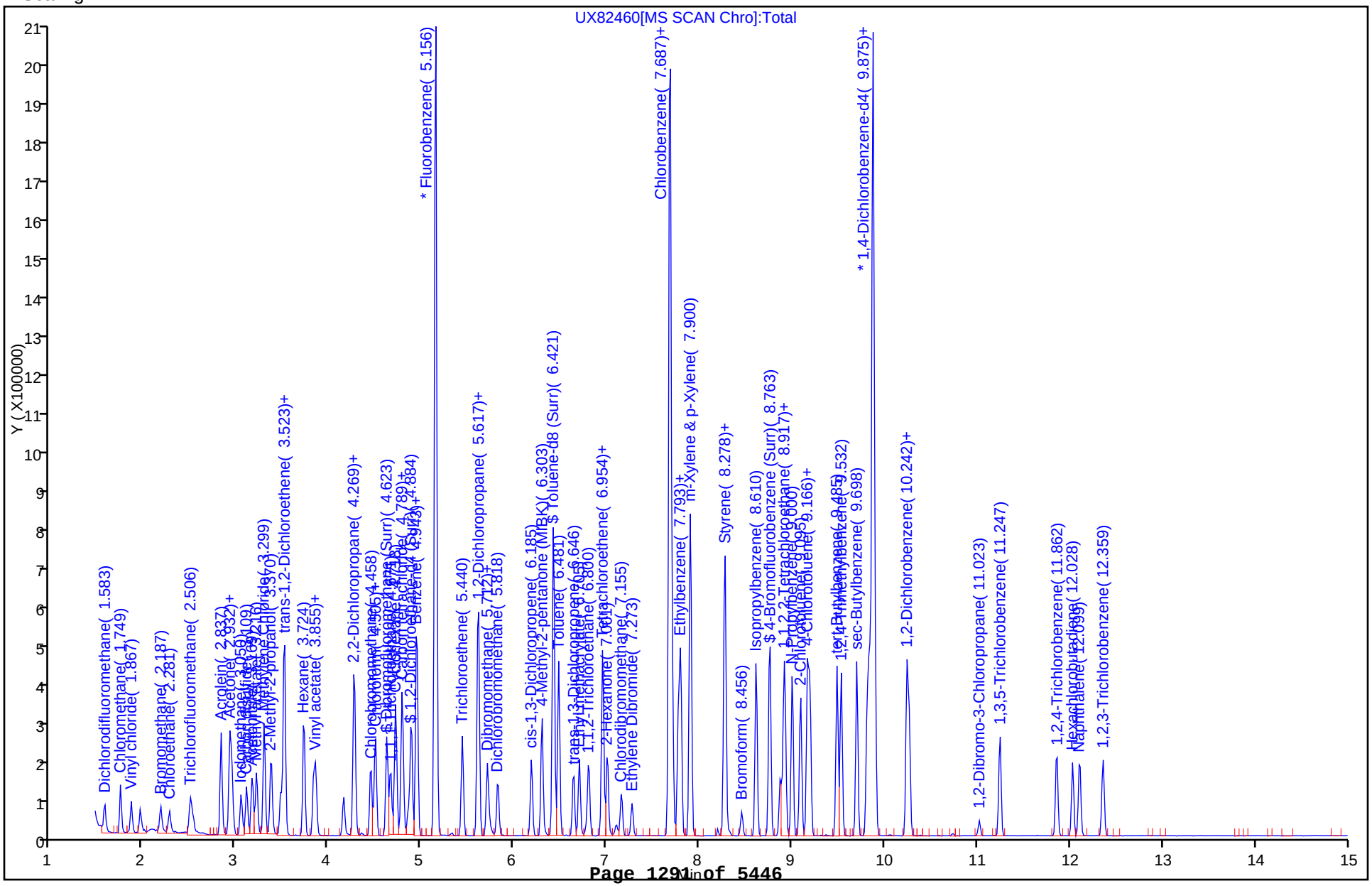
Report Date: 15-Dec-2012 14:27:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82460.D

Injection Date:	14-Dec-2012 23:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	7
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82461.D
Lims ID: STD8260 L3 Client ID:
Inject. Date: 14-Dec-2012 23:26:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015873-008
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 7
Lims Batch ID: 68830 Lims Sample ID: 8
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 14:27:31 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.158	-0.003	100	1674252	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	96	1191960	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	99	603952	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.626	-0.003	57	114211	5.32	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.886	-0.003	95	144352	5.14	
$ 7 Toluene-d8 (Surr)	98	6.421	6.424	-0.003	94	401361	5.93	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.754	0.009	94	145478	5.77	
12 Dichlorodifluoromethane	85	1.583	1.574	0.009	87	30487	5.21	
13 Chloromethane	50	1.749	1.752	-0.003	89	52180	5.02	
14 Vinyl chloride	62	1.867	1.870	-0.003	91	32681	5.09	
15 Bromomethane	94	2.187	2.177	0.010	84	18300	5.06	
16 Chloroethane	64	2.281	2.272	0.009	77	19732	5.04	
18 Trichlorofluoromethane	101	2.506	2.509	-0.003	86	37965	4.93	
20 Acrolein	56	2.837	2.840	-0.003	90	101546	53.5	
21 1,1-Dichloroethene	96	2.932	2.923	0.009	92	26281	4.91	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.946	-0.002	75	24617	5.13	
22 Acetone	43	2.955	2.958	-0.003	92	60989	9.33	
24 Iodomethane	142	3.050	3.053	-0.003	97	55747	4.87	
26 Carbon disulfide	76	3.109	3.112	-0.003	96	69206	4.38	
27 Acetonitrile	41	3.168	3.171	-0.003	99	88397	49.8	
28 Methyl acetate	43	3.216	3.218	-0.002	97	104192	9.85	
30 Methylene Chloride	84	3.298	3.301	-0.003	91	45708	4.61	
31 2-Methyl-2-propanol	59	3.369	3.372	-0.003	87	78857	95.2	
32 Acrylonitrile	53	3.476	3.479	-0.003	96	43775	10.0	
34 Methyl tert-butyl ether	73	3.523	3.514	0.009	85	92440	4.68	
33 trans-1,2-Dichloroethene	96	3.523	3.526	-0.003	71	33510	4.91	
35 Hexane	86	3.736	3.727	0.009	96	9551	5.08	
36 1,1-Dichloroethane	63	3.831	3.833	-0.002	92	62618	4.83	
37 Vinyl acetate	86	3.854	3.857	-0.003	96	6454	4.26	
42 cis-1,2-Dichloroethene	96	4.268	4.271	-0.003	86	38317	4.91	
41 2-Butanone (MEK)	43	4.268	4.271	-0.003	93	64123	9.71	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	4.280	4.283	-0.003	64	27089	5.22	
47 Chlorobromomethane	128	4.458	4.449	0.010	84	21039	4.73	
48 Tetrahydrofuran	42	4.493	4.496	-0.003	84	19184	4.81	
49 Chloroform	83	4.505	4.508	-0.003	95	59601	4.86	
50 1,1,1-Trichloroethane	97	4.671	4.661	0.010	88	42712	4.71	
51 Cyclohexane	56	4.718	4.721	-0.003	96	70001	4.93	
52 1,1-Dichloropropene	75	4.789	4.792	-0.003	75	40716	4.81	
53 Carbon tetrachloride	117	4.801	4.803	-0.002	80	36978	4.44	
55 Benzene	78	4.954	4.945	0.009	92	126465	4.83	
56 1,2-Dichloroethane	62	4.943	4.945	-0.002	59	59462	4.97	
60 Trichloroethene	130	5.439	5.442	-0.003	86	38291	4.81	
63 Methylcyclohexane	83	5.605	5.608	-0.003	88	55625	4.95	
62 1,2-Dichloropropane	63	5.617	5.620	-0.003	75	33237	4.60	
65 Dibromomethane	93	5.711	5.714	-0.003	81	20471	4.83	
66 1,4-Dioxane	88	5.711	5.714	-0.003	72	19297	249.2	
67 Dichlorobromomethane	83	5.818	5.821	-0.003	83	36287	4.46	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.187	-0.002	61	34913	3.93	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.306	-0.003	95	112091	9.55	
72 Toluene	91	6.480	6.483	-0.003	95	139500	4.73	
73 trans-1,3-Dichloropropene	75	6.646	6.637	0.009	76	29794	4.17	
74 Ethyl methacrylate	69	6.705	6.708	-0.003	79	34888	4.35	
75 1,1,2-Trichloroethane	97	6.800	6.802	-0.002	90	30733	4.97	
77 Tetrachloroethene	164	6.965	6.956	0.009	91	30523	4.87	
76 1,3-Dichloropropane	76	6.953	6.956	-0.003	86	47881	4.80	
78 2-Hexanone	43	7.001	7.003	-0.002	93	80280	10.1	
79 Chlorodibromomethane	129	7.155	7.157	-0.002	74	28115	4.14	
123 Ethylene Dibromide	107	7.273	7.276	-0.003	74	28799	4.75	
82 Chlorobenzene	112	7.710	7.713	-0.003	87	98034	4.86	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.772	-0.002	64	28768	4.43	
84 Ethylbenzene	106	7.793	7.796	-0.003	97	50740	4.99	
10 m-Xylene & p-Xylene	106	7.900	7.902	-0.002	98	119231	9.77	
85 o-Xylene	106	8.266	8.269	-0.003	88	57180	4.92	
86 Styrene	104	8.278	8.281	-0.003	84	86308	4.60	
87 Bromoform	173	8.456	8.458	-0.002	76	13824	3.93	
88 Isopropylbenzene	105	8.609	8.612	-0.003	92	147260	4.99	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.872	-0.002	86	34623	4.95	
91 Bromobenzene	156	8.917	8.908	0.009	86	40198	4.60	
92 1,2,3-Trichloropropane	110	8.929	8.920	0.009	70	13904	5.15	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.932	-0.003	52	13072	4.37	
94 N-Propylbenzene	120	9.000	9.002	-0.002	97	38655	4.68	
95 2-Chlorotoluene	126	9.094	9.097	-0.003	95	37122	4.87	
96 1,3,5-Trimethylbenzene	105	9.165	9.168	-0.003	90	111669	4.67	
104 4-Chlorotoluene	126	9.189	9.192	-0.003	95	39587	4.96	
97 tert-Butylbenzene	119	9.485	9.487	-0.002	87	107505	4.72	
98 1,2,4-Trimethylbenzene	105	9.532	9.535	-0.003	73	115164	4.80	
99 sec-Butylbenzene	105	9.698	9.700	-0.002	89	150144	5.01	
100 1,3-Dichlorobenzene	146	9.816	9.819	-0.003	90	79037	4.90	
101 4-Isopropyltoluene	119	9.840	9.842	-0.002	83	122026	4.86	
102 1,4-Dichlorobenzene	146	9.899	9.901	-0.002	78	82811	4.93	
105 n-Butylbenzene	91	10.242	10.233	0.009	91	97409	4.70	
106 1,2-Dichlorobenzene	146	10.265	10.268	-0.003	94	75846	5.01	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 1,2-Dibromo-3-Chloropropane	157	11.022	11.025	-0.003	17	4988	4.44	
108 1,3,5-Trichlorobenzene	180	11.247	11.250	-0.003	90	47970	5.21	
109 1,2,4-Trichlorobenzene	180	11.862	11.853	0.009	83	42331	5.48	
110 Hexachlorobutadiene	225	12.028	12.031	-0.003	78	20628	1.00	
111 Naphthalene	128	12.111	12.102	0.009	89	93266	5.08	
112 1,2,3-Trichlorobenzene	180	12.359	12.362	-0.003	87	42473	5.71	
S 136 Trihalomethanes, Total	1				0		17.4	
S 11 1,2-Dichloroethene, Total	96				0		9.82	
S 9 1,3-Dichloropropene, Total	75				0		8.09	
S 114 Xylenes, Total	106				0		14.7	

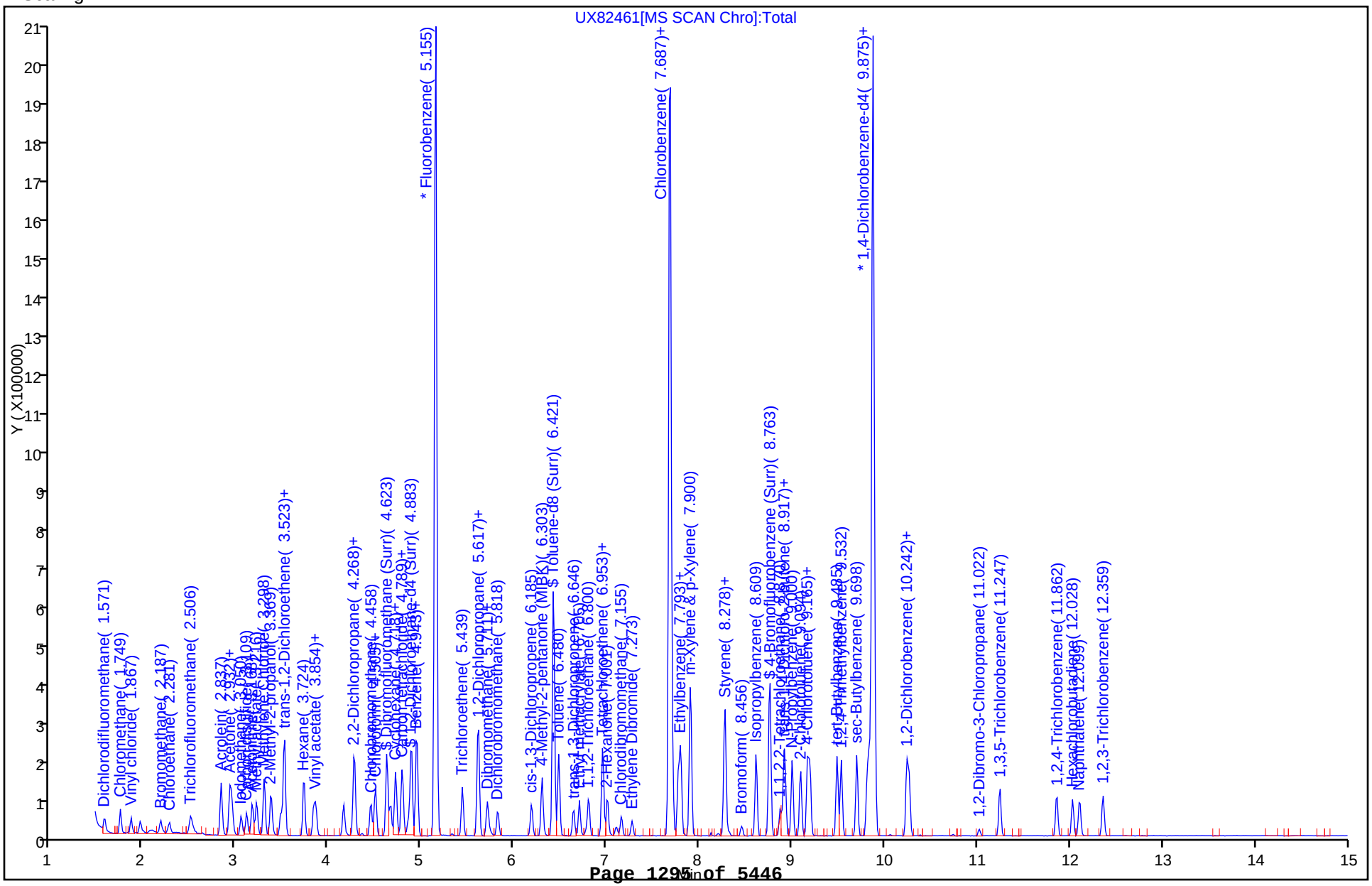
Report Date: 15-Dec-2012 14:27:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82461.D

Injection Date:	14-Dec-2012 23:26:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	8
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82462.D
Lims ID: STD8260 L2 Client ID:
Inject. Date: 14-Dec-2012 23:47:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015873-009
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 8
Lims Batch ID: 68830 Lims Sample ID: 9
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 14:27:32 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

First Level Reviewer: latat Date: 15-Dec-2012 00:34:46

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.159	5.158	0.001	100	1617242	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.678	0.0	96	1174260	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	98	586902	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.626	0.0	55	86266	1.61	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.887	4.886	0.001	92	106542	1.01	
$ 7 Toluene-d8 (Surr)	98	6.424	6.424	0.0	93	292400	1.65	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.754	0.0	91	106317	1.23	
12 Dichlorodifluoromethane	85	1.586	1.574	0.012	58	9663	1.71	
13 Chloromethane	50	1.752	1.752	0.0	95	19070	1.90	
14 Vinyl chloride	62	1.870	1.870	0.0	53	12402	2.00	
15 Bromomethane	94	2.190	2.177	0.013	60	7117	2.04	
16 Chloroethane	64	2.284	2.272	0.012	59	6617	1.75	
18 Trichlorofluoromethane	101	2.509	2.509	0.0	68	11788	1.58	
20 Acrolein	56	2.840	2.840	0.0	87	36547	19.9	
21 1,1-Dichloroethene	96	2.935	2.923	0.012	80	10567	2.04	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.947	2.946	0.001	51	8934	1.93	
22 Acetone	43	2.958	2.958	0.0	87	32872	2.59	
24 Iodomethane	142	3.053	3.053	0.0	85	23079	2.09	
26 Carbon disulfide	76	3.112	3.112	0.0	88	28154	1.84	
27 Acetonitrile	41	3.171	3.171	0.0	99	37469	21.8	
28 Methyl acetate	43	3.219	3.218	0.001	95	42676	4.17	
30 Methylene Chloride	84	3.302	3.301	0.001	86	25308	1.84	
31 2-Methyl-2-propanol	59	3.372	3.372	0.0	80	32437	40.6	
32 Acrylonitrile	53	3.479	3.479	0.0	89	15673	3.71	
34 Methyl tert-butyl ether	73	3.514	3.514	0.0	84	37777	1.98	
33 trans-1,2-Dichloroethene	96	3.526	3.526	0.0	77	12605	1.91	
35 Hexane	86	3.739	3.727	0.012	83	4007	2.21	
36 1,1-Dichloroethane	63	3.834	3.833	0.001	69	25466	2.03	
37 Vinyl acetate	86	3.857	3.857	0.0	88	1805	1.23	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 cis-1,2-Dichloroethene	96	4.271	4.271	0.0	83	15535	2.06	
41 2-Butanone (MEK)	43	4.271	4.271	0.0	91	25577	4.01	
43 2,2-Dichloropropane	77	4.283	4.283	0.0	56	8647	1.73	
47 Chlorobromomethane	128	4.461	4.449	0.013	71	9117	2.12	
48 Tetrahydrofuran	42	4.496	4.496	0.0	54	7636	1.98	
49 Chloroform	83	4.508	4.508	0.0	79	23517	1.98	
50 1,1,1-Trichloroethane	97	4.674	4.661	0.013	66	16058	1.83	
51 Cyclohexane	56	4.721	4.721	0.0	83	24197	1.76	
52 1,1-Dichloropropene	75	4.792	4.792	0.0	51	14744	1.80	
53 Carbon tetrachloride	117	4.804	4.803	0.001	77	13611	1.69	
55 Benzene	78	4.946	4.945	0.001	89	51253	2.02	
56 1,2-Dichloroethane	62	4.946	4.945	0.001	57	24007	2.08	
60 Trichloroethene	130	5.442	5.442	0.0	74	15346	2.00	
63 Methylcyclohexane	83	5.608	5.608	0.0	86	19792	1.82	
62 1,2-Dichloropropane	63	5.620	5.620	0.0	61	14484	2.07	
65 Dibromomethane	93	5.715	5.714	0.001	74	8805	2.15	
66 1,4-Dioxane	88	5.715	5.714	0.001	40	7790	104.1	
67 Dichlorobromomethane	83	5.821	5.821	0.0	75	13944	1.77	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.188	6.187	0.001	49	15034	1.75	
71 4-Methyl-2-pentanone (MIBK)	43	6.306	6.306	0.0	87	44103	3.89	
72 Toluene	91	6.483	6.483	0.0	84	60417	2.08	
73 trans-1,3-Dichloropropene	75	6.637	6.637	0.0	58	10280	2.05	
74 Ethyl methacrylate	69	6.708	6.708	0.0	66	12651	1.60	
75 1,1,2-Trichloroethane	97	6.803	6.802	0.001	79	12379	2.03	
77 Tetrachloroethene	164	6.957	6.956	0.001	77	12623	2.04	
76 1,3-Dichloropropane	76	6.957	6.956	0.001	69	20040	2.04	
78 2-Hexanone	43	7.004	7.003	0.001	88	30565	3.89	
79 Chlorodibromomethane	129	7.158	7.157	0.001	26	10237	1.53	
123 Ethylene Dibromide	107	7.276	7.276	0.0	50	10768	1.80	
82 Chlorobenzene	112	7.714	7.713	0.001	83	40902	2.06	
83 1,1,1,2-Tetrachloroethane	131	7.773	7.772	0.001	30	12073	1.89	
84 Ethylbenzene	106	7.796	7.796	0.0	94	18109	1.81	
10 m-Xylene & p-Xylene	106	7.903	7.902	0.001	96	46383	3.86	
85 o-Xylene	106	8.269	8.269	0.0	85	21812	1.90	
86 Styrene	104	8.281	8.281	0.0	80	32650	1.77	
87 Bromoform	173	8.459	8.458	0.001	41	5836	2.19	
88 Isopropylbenzene	105	8.613	8.612	0.0	82	52337	1.80	
90 1,1,2,2-Tetrachloroethane	83	8.873	8.872	0.001	71	13136	1.93	
91 Bromobenzene	156	8.908	8.908	0.0	80	16668	1.96	
92 1,2,3-Trichloropropane	110	8.920	8.920	0.0	52	5184	1.97	
93 trans-1,4-Dichloro-2-butene	53	8.932	8.932	0.0	12	4489	1.54	
94 N-Propylbenzene	120	9.003	9.002	0.001	86	14544	1.81	
95 2-Chlorotoluene	126	9.097	9.097	0.0	85	14227	1.92	
96 1,3,5-Trimethylbenzene	105	9.168	9.168	0.0	80	41692	1.79	
104 4-Chlorotoluene	126	9.192	9.192	0.0	84	14172	1.83	
97 tert-Butylbenzene	119	9.488	9.487	0.001	75	39550	1.79	
98 1,2,4-Trimethylbenzene	105	9.535	9.535	0.0	67	42017	1.80	
99 sec-Butylbenzene	105	9.701	9.700	0.001	71	51224	1.76	
100 1,3-Dichlorobenzene	146	9.819	9.819	0.0	75	30666	1.96	
101 4-Isopropyltoluene	119	9.843	9.842	0.001	65	43367	1.78	
102 1,4-Dichlorobenzene	146	9.902	9.901	0.001	72	33926	2.08	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	10.245	10.233	0.012	85	36061	1.79	
106 1,2-Dichlorobenzene	146	10.269	10.268	0.0	70	30135	2.05	
107 1,2-Dibromo-3-Chloropropane	157	11.026	11.025	0.001	1	1967	1.80	
108 1,3,5-Trichlorobenzene	180	11.250	11.250	0.0	67	17864	2.00	
109 1,2,4-Trichlorobenzene	180	11.854	11.853	0.001	52	17577	2.34	
110 Hexachlorobutadiene	225	12.031	12.031	0.0	42	8159	-5.92	
111 Naphthalene	128	12.102	12.102	0.0	69	36793	2.06	
112 1,2,3-Trichlorobenzene	180	12.362	12.362	0.0	64	17050	0.3832	
S 136 Trihalomethanes, Total	1				0		7.48	
S 11 1,2-Dichloroethene, Total	96				0		3.97	
S 9 1,3-Dichloropropene, Total	75				0		3.80	
S 114 Xylenes, Total	106				0		5.76	

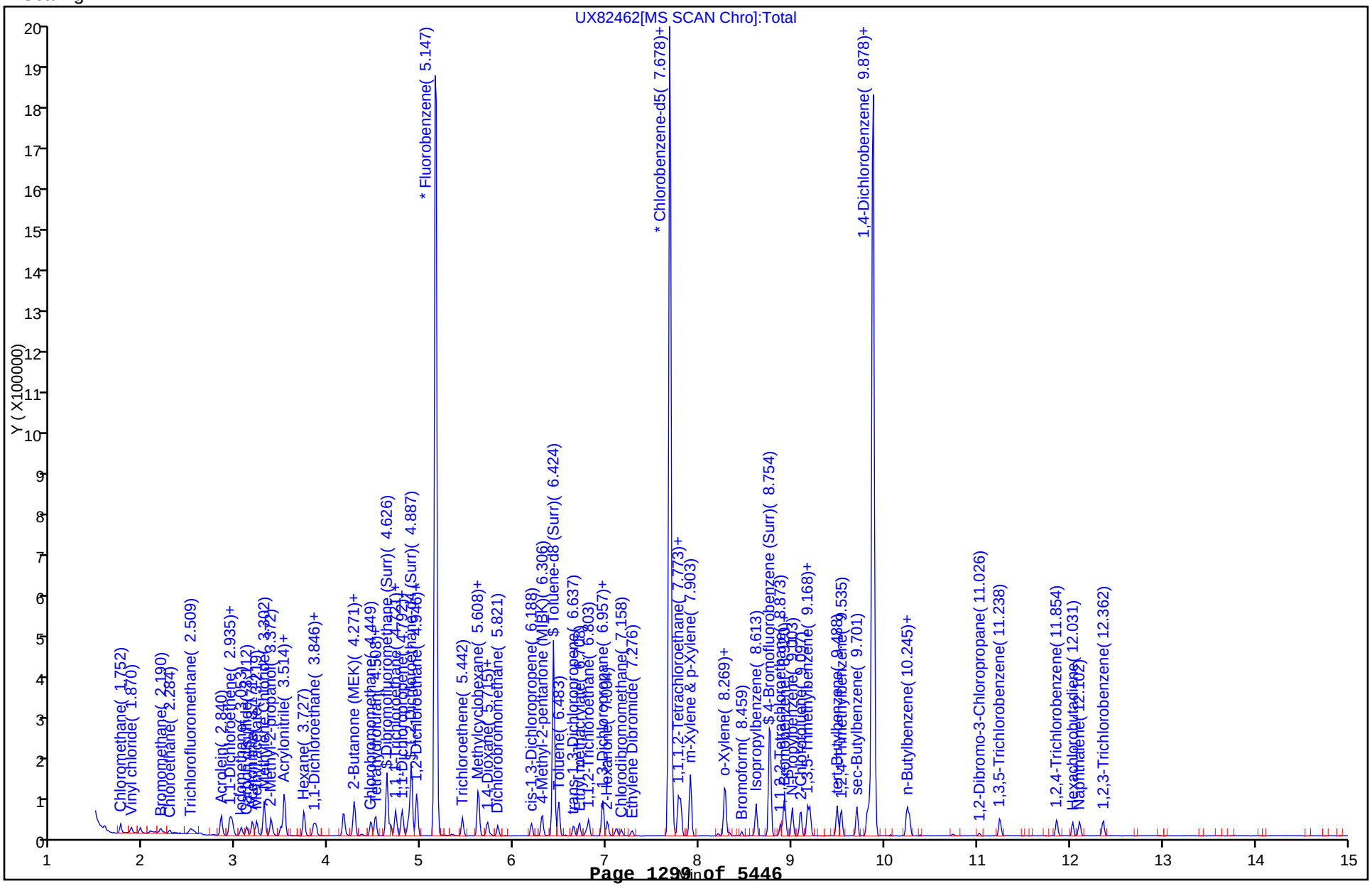
Report Date: 15-Dec-2012 14:27:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82462.D

Injection Date:	14-Dec-2012 23:47:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	9
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Lims ID: STD8260 L1 Client ID:
Inject. Date: 15-Dec-2012 00:08:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015873-010
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 9
Lims Batch ID: 68830 Lims Sample ID: 10
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 14:27:33 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

First Level Reviewer: latat Date: 15-Dec-2012 00:54:39

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.158	-0.003	99	1581124	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	96	1151717	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	98	577424	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.626	-0.003	56	84074	1.57	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.886	-0.003	93	108706	1.59	
$ 7 Toluene-d8 (Surr)	98	6.421	6.424	-0.003	93	291487	1.85	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.754	0.009	92	99344	0.6085	
12 Dichlorodifluoromethane	85	1.583	1.574	0.009	44	4205	0.7607	
13 Chloromethane	50	1.749	1.752	-0.003	70	9501	0.9682	
14 Vinyl chloride	62	1.867	1.870	-0.003	21	5532	0.9126	
15 Bromomethane	94	2.187	2.177	0.010	57	2744	0.8034	
16 Chloroethane	64	2.281	2.272	0.009	42	3357	0.9080	
18 Trichlorofluoromethane	101	2.506	2.509	-0.003	34	6491	0.8917	
20 Acrolein	56	2.837	2.840	-0.003	89	20254	11.3	
21 1,1-Dichloroethene	96	2.932	2.923	0.009	68	3787	0.7495	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.946	-0.002	19	3855	0.8508	
22 Acetone	43	2.955	2.958	-0.003	84	27735	1.43	
24 Iodomethane	142	3.050	3.053	-0.003	74	9892	0.9156	
26 Carbon disulfide	76	3.109	3.112	-0.003	88	13368	0.8949	
27 Acetonitrile	41	3.168	3.171	-0.003	94	21154	12.6	
28 Methyl acetate	43	3.216	3.218	-0.002	95	21806	2.18	
30 Methylene Chloride	84	3.298	3.301	-0.003	88	28277	2.37	
31 2-Methyl-2-propanol	59	3.369	3.372	-0.003	72	16051	20.5	
32 Acrylonitrile	53	3.476	3.479	-0.003	72	9036	2.19	
34 Methyl tert-butyl ether	73	3.523	3.514	0.009	79	18352	0.9830	
33 trans-1,2-Dichloroethene	96	3.523	3.526	-0.003	43	6596	1.02	
35 Hexane	86	3.736	3.727	0.009	80	1439	0.8106	
36 1,1-Dichloroethane	63	3.831	3.833	-0.002	19	12273	1.00	
37 Vinyl acetate	86		3.857					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 cis-1,2-Dichloroethene	96	4.268	4.271	-0.003	61	7364	1.00	
41 2-Butanone (MEK)	43	4.268	4.271	-0.003	70	15276	2.45	
43 2,2-Dichloropropane	77	4.280	4.283	-0.003	34	4095	0.8363	
47 Chlorobromomethane	128	4.458	4.449	0.010	63	4418	1.05	
48 Tetrahydrofuran	42	4.493	4.496	-0.003	55	4217	1.12	
49 Chloroform	83	4.505	4.508	-0.003	63	11995	1.04	
50 1,1,1-Trichloroethane	97	4.671	4.661	0.010	45	6923	0.8085	
51 Cyclohexane	56	4.718	4.721	-0.003	79	11405	0.8499	
52 1,1-Dichloropropene	75	4.789	4.792	-0.003	33	8025	1.00	
53 Carbon tetrachloride	117	4.801	4.803	-0.002	59	7082	0.9014	
55 Benzene	78	4.954	4.945	0.009	92	25356	1.02	
56 1,2-Dichloroethane	62	4.954	4.945	0.009	36	11928	1.05	
60 Trichloroethene	130	5.439	5.442	-0.003	62	6905	0.9184	
63 Methylcyclohexane	83	5.617	5.608	0.009	60	9150	0.8619	
62 1,2-Dichloropropane	63	5.617	5.620	-0.003	45	6768	0.99	
65 Dibromomethane	93	5.711	5.714	-0.003	64	3505	0.8758	
66 1,4-Dioxane	88	5.711	5.714	-0.003	32	3840	52.5	
67 Dichlorobromomethane	83	5.818	5.821	-0.003	38	6564	0.8546	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.187	-0.002	36	6257	0.7449	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.306	-0.003	82	22391	2.02	
72 Toluene	91	6.480	6.483	-0.003	79	27891	0.9788	
73 trans-1,3-Dichloropropene	75	6.646	6.637	0.009	38	4559	1.42	
74 Ethyl methacrylate	69	6.705	6.708	-0.003	49	6504	0.8390	
75 1,1,2-Trichloroethane	97	6.800	6.802	-0.002	40	6437	1.08	
77 Tetrachloroethene	164	6.965	6.956	0.009	65	5441	0.8983	
76 1,3-Dichloropropane	76	6.953	6.956	-0.003	56	9664	1.00	
78 2-Hexanone	43	7.001	7.003	-0.002	71	13714	1.78	
79 Chlorodibromomethane	129	7.155	7.157	-0.002	1	4684	0.7143	
123 Ethylene Dibromide	107	7.273	7.276	-0.003	42	5130	0.8753	
82 Chlorobenzene	112	7.710	7.713	-0.003	68	19826	1.02	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.772	-0.002	10	4719	0.7526	
84 Ethylbenzene	106	7.793	7.796	-0.003	70	9595	0.9770	
10 m-Xylene & p-Xylene	106	7.912	7.902	0.010	92	20879	1.77	
85 o-Xylene	106	8.266	8.269	-0.003	75	9822	0.8744	
86 Styrene	104	8.278	8.281	-0.003	66	13774	0.7603	
87 Bromoform	173	8.456	8.458	-0.002	3	2351	1.42	
88 Isopropylbenzene	105	8.609	8.612	-0.003	59	22347	0.7838	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.872	-0.002	4	6760	1.01	
91 Bromobenzene	156	8.917	8.908	0.009	65	8075	0.9675	
92 1,2,3-Trichloropropane	110	8.929	8.920	0.009	43	2495	0.9659	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.932	-0.003	5	2239	0.7825	
94 N-Propylbenzene	120	9.000	9.002	-0.002	72	6301	0.7976	
95 2-Chlorotoluene	126	9.094	9.097	-0.003	68	6852	0.9397	
96 1,3,5-Trimethylbenzene	105	9.165	9.168	-0.003	27	18326	0.8012	
104 4-Chlorotoluene	126	9.201	9.192	0.009	51	6921	0.9073	
97 tert-Butylbenzene	119	9.485	9.487	-0.002	48	18435	0.8467	
98 1,2,4-Trimethylbenzene	105	9.532	9.535	-0.003	18	17931	0.7821	
99 sec-Butylbenzene	105	9.698	9.700	-0.002	41	23467	0.8197	
100 1,3-Dichlorobenzene	146	9.816	9.819	-0.003	1	16187	1.05	
101 4-Isopropyltoluene	119	9.840	9.842	-0.002	54	18417	0.7676	
102 1,4-Dichlorobenzene	146	9.899	9.901	-0.002	57	17021	1.06	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	10.242	10.233	0.009	66	18746	0.9464	
106 1,2-Dichlorobenzene	146	10.265	10.268	-0.003	54	14755	1.02	
107 1,2-Dibromo-3-Chloropropane	157		11.025					
108 1,3,5-Trichlorobenzene	180	11.247	11.250	-0.003	43	9129	1.04	
109 1,2,4-Trichlorobenzene	180	11.862	11.853	0.009	24	9519	1.29	
110 Hexachlorobutadiene	225	12.040	12.031	0.009	12	4059	-8.36	
111 Naphthalene	128	12.111	12.102	0.009	29	19540	1.11	
112 1,2,3-Trichlorobenzene	180	12.359	12.362	-0.003	35	8673	-1.45	
S 136 Trihalomethanes, Total	1				0		4.02	
S 11 1,2-Dichloroethene, Total	96				0		2.02	
S 9 1,3-Dichloropropene, Total	75				0		2.17	
S 114 Xylenes, Total	106				0		2.64	

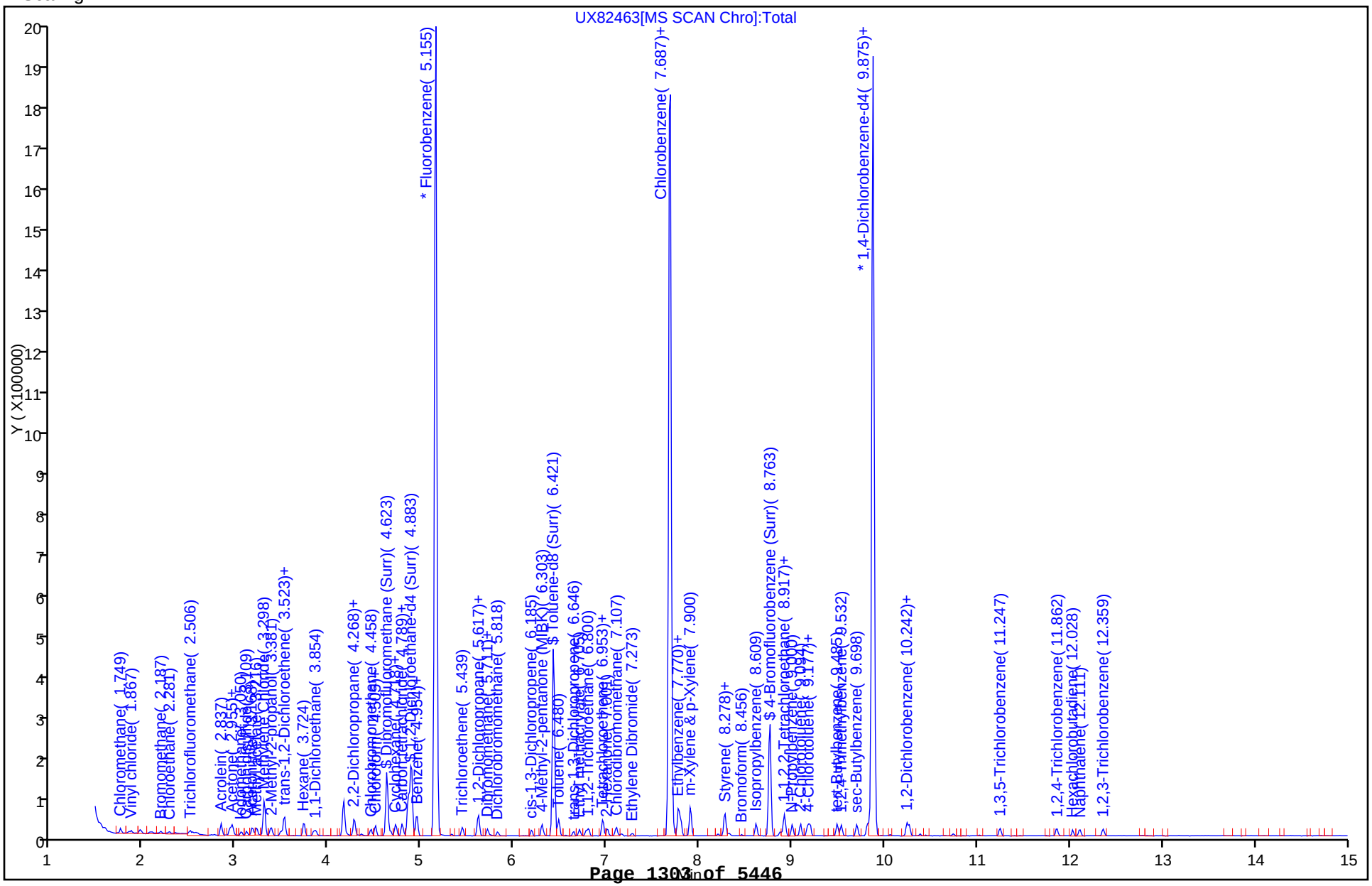
Report Date: 15-Dec-2012 14:27:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D

Injection Date:	15-Dec-2012 00:08:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	10
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-68124/14 Calibration Date: 12/11/2012 16:10

Instrument ID: A3UX11 Calib Start Date: 12/11/2012 11:39

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/11/2012 13:32

Lab File ID: UXJ8947.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1992	0.1466	0.1000	0.00736	0.0100	-26.4*	20.0
Chloromethane	Ave	0.1776	0.1669	0.1000	0.00940	0.0100	-6.0	20.0
Vinyl chloride	Ave	0.1848	0.1689	0.1000	0.00914	0.0100	-8.6	20.0
Bromomethane	Ave	0.0872	0.0753	0.0500	0.00864	0.0100	-13.6	20.0
Chloroethane	Ave	0.1028	0.0999	0.0500	0.00971	0.0100	-2.9	20.0
Trichlorofluoromethane	Ave	0.2122	0.1953	0.1000	0.00920	0.0100	-8.0	20.0
Acrolein	Ave	0.0276	0.0241		0.0262	0.0300	-12.8	20.0
Acetone	Qua		0.0516	0.0500	0.0160	0.0200	-20.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1244	0.1227	0.0500	0.00987	0.0100	-1.3	20.0
1,1-Dichloroethene	Ave	0.1773	0.1860	0.1000	0.0105	0.0100	4.9	20.0
Iodomethane	Ave	0.2094	0.2220		0.0106	0.0100	6.0	20.0
Carbon disulfide	Ave	0.4383	0.4558	0.1000	0.0104	0.0100	4.0	20.0
Acetonitrile	Ave	0.0177	0.0163		0.0277	0.0300	-7.8	20.0
Methyl acetate	Ave	0.1586	0.1469	0.1000	0.00926	0.0100	-7.4	20.0
Methylene Chloride	Ave	0.1976	0.1867	0.1000	0.00945	0.0100	-5.5	20.0
2-Methyl-2-propanol	Ave	0.0134	0.0132		0.197	0.200	-1.7	20.0
Acrylonitrile	Ave	0.0744	0.0702		0.0283	0.0300	-5.6	20.0
Methyl tert-butyl ether	Ave	0.7635	0.7793	0.1000	0.0102	0.0100	2.1	20.0
trans-1,2-Dichloroethene	Ave	0.2717	0.2801	0.1000	0.0103	0.0100	3.1	20.0
1,1-Dichloroethane	Ave	0.4437	0.4730	0.1000	0.0107	0.0100	6.6	20.0
Vinyl acetate	Ave	0.0548	0.0684		0.0125	0.0100	24.8*	20.0
2-Butanone (MEK)	Ave	0.0838	0.0795	0.0500	0.0190	0.0200	-5.1	20.0
cis-1,2-Dichloroethene	Ave	0.3185	0.3281	0.1000	0.0103	0.0100	3.0	20.0
2,2-Dichloropropane	Ave	0.1825	0.1799		0.00986	0.0100	-1.4	20.0
Bromochloromethane	Ave	0.1591	0.1662		0.0104	0.0100	4.4	20.0
Chloroform	Ave	0.5015	0.5069	0.2000	0.0101	0.0100	1.1	20.0
1,1,1-Trichloroethane	Ave	0.2792	0.2857	0.1000	0.0102	0.0100	2.3	20.0
Cyclohexane	Ave	0.2913	0.2561	0.1000	0.00879	0.0100	-12.1	20.0
1,1-Dichloropropene	Ave	0.3892	0.3920		0.0101	0.0100	0.7	20.0
Carbon tetrachloride	Ave	0.2691	0.2761	0.1000	0.0103	0.0100	2.6	20.0
1,2-Dichloroethane	Ave	0.3823	0.4028	0.1000	0.0105	0.0100	5.4	20.0
Benzene	Ave	1.160	1.212	0.5000	0.0104	0.0100	4.5	20.0
Trichloroethene	Ave	0.3318	0.3434	0.2000	0.0103	0.0100	3.5	20.0
1,2-Dichloropropane	Ave	0.2528	0.2711	0.1000	0.0107	0.0100	7.2	20.0
Methylcyclohexane	Ave	0.3462	0.2902	0.1000	0.00838	0.0100	-16.2	20.0
Dibromomethane	Ave	0.1506	0.1651		0.0110	0.0100	9.6	20.0
Bromodichloromethane	Ave	0.3528	0.3701	0.1000	0.0105	0.0100	4.9	20.0
cis-1,3-Dichloropropene	Ave	0.4252	0.4226	0.1500	0.00994	0.0100	-0.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1676	0.1672	0.0500	0.0200	0.0200	-0.2	20.0
Toluene	Ave	2.049	2.013	0.4000	0.00983	0.0100	-1.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-68124/14 Calibration Date: 12/11/2012 16:10

Instrument ID: A3UX11 Calib Start Date: 12/11/2012 11:39

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/11/2012 13:32

Lab File ID: UXJ8947.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,3-Dichloropropene	Ave	0.5893	0.5950	0.1000	0.0101	0.0100	1.0	20.0
1,1,2-Trichloroethane	Ave	0.3491	0.3582	0.1000	0.0103	0.0100	2.6	20.0
1,3-Dichloropropane	Ave	0.6006	0.6116		0.0102	0.0100	1.8	20.0
Tetrachloroethene	Ave	0.4179	0.4070	0.2000	0.00974	0.0100	-2.6	20.0
2-Hexanone	Ave	0.1613	0.1596	0.0500	0.0198	0.0200	-1.0	20.0
Dibromochloromethane	Ave	0.3845	0.3878		0.0101	0.0100	0.9	20.0
1,2-Dibromoethane	Ave	0.3239	0.3324		0.0103	0.0100	2.6	20.0
Chlorobenzene	Ave	1.066	1.087	0.3000	0.0102	0.0100	2.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3864	0.3989		0.0103	0.0100	3.2	20.0
Ethylbenzene	Ave	0.5811	0.5834		0.0100	0.0100	0.4	20.0
m-Xylene & p-Xylene	Ave	0.6755	0.6861		0.0203	0.0200	1.6	20.0
o-Xylene	Ave	0.5956	0.6240		0.0105	0.0100	4.8	20.0
Styrene	Ave	0.9515	1.017	0.3000	0.0107	0.0100	6.9	20.0
Bromoform	Ave	0.1687	0.1689	0.1000	0.0100	0.0100	0.1	20.0
Isopropylbenzene	Ave	1.339	1.337	0.1000	0.00998	0.0100	-0.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6088	0.5758	0.3000	0.00946	0.0100	-5.4	20.0
Bromobenzene	Ave	0.9156	0.9379		0.0102	0.0100	2.4	20.0
1,2,3-Trichloropropane	Ave	0.2187	0.2170		0.00992	0.0100	-0.8	20.0
N-Propylbenzene	Ave	0.8055	0.8488		0.0105	0.0100	5.4	20.0
2-Chlorotoluene	Ave	0.7252	0.6965		0.00960	0.0100	-4.0	20.0
1,3,5-Trimethylbenzene	Ave	2.303	2.266		0.00984	0.0100	-1.6	20.0
4-Chlorotoluene	Ave	0.7502	0.7495		0.00999	0.0100	-0.1	20.0
tert-Butylbenzene	Ave	1.971	1.955		0.00992	0.0100	-0.8	20.0
1,2,4-Trimethylbenzene	Ave	2.391	2.315		0.00968	0.0100	-3.2	20.0
sec-Butylbenzene	Ave	2.605	2.442		0.00937	0.0100	-6.3	20.0
1,3-Dichlorobenzene	Ave	1.533	1.507	0.6000	0.00983	0.0100	-1.7	20.0
4-Isopropyltoluene	Ave	2.301	2.265		0.00985	0.0100	-1.5	20.0
1,4-Dichlorobenzene	Ave	1.619	1.548	0.5000	0.00956	0.0100	-4.4	20.0
n-Butylbenzene	Ave	1.940	1.772		0.00913	0.0100	-8.7	20.0
1,2-Dichlorobenzene	Ave	1.518	1.467	0.4000	0.00967	0.0100	-3.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1238	0.1199	0.0500	0.00968	0.0100	-3.2	20.0
1,2,4-Trichlorobenzene	Qua		0.6474	0.2000	0.00817	0.0100	-18.3	20.0
Hexachlorobutadiene	Qua		0.3873		0.00825	0.0100	-17.5	20.0
Naphthalene	Qua		1.117		0.00619	0.0100	-38.1*	20.0
1,2,3-Trichlorobenzene	Ave	0.6214	0.4343		0.00699	0.0100	-30.1*	20.0
Dibromofluoromethane (Surr)	Ave	0.2737	0.2628		0.00801	0.00834	-4.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3174	0.2959		0.00778	0.00834	-6.8	20.0
Toluene-d8 (Surr)	Ave	1.713	1.630		0.00794	0.00834	-4.9	20.0
4-Bromofluorobenzene (Surr)	Ave	0.3425	0.3444		0.00839	0.00834	0.5	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8947.D
Lims ID: ICV Client ID:
Inject. Date: 11-Dec-2012 16:10:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015710-014
Misc. Info.: J21211A-IC,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 68124 Lims Sample ID: 14
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\8260_11.m
Last Update: 12-Dec-2012 08:23:32 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

First Level Reviewer: evansle Date: 12-Dec-2012 08:00:58

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1322071	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	81	827987	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	84	310940	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	92	289706	8.01	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	87	326240	7.78	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	83	1125547	7.94	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	90	237789	8.39	
8 Dichlorodifluoromethane	85	1.553	1.554	-0.001	86	193870	7.36	
9 Chloromethane	50	1.695	1.695	0.0	88	220629	9.40	
10 Vinyl chloride	62	1.790	1.790	0.0	83	223281	9.14	
11 Bromomethane	94	2.074	2.074	0.0	88	99534	8.64	
12 Chloroethane	64	2.157	2.157	0.0	97	132020	9.71	
14 Trichlorofluoromethane	101	2.358	2.358	0.0	96	258195	9.20	
15 Ethyl ether	59	2.559	2.559	0.0	87	306689	10.7	
16 Acrolein	56	2.654	2.654	0.0	88	95423	26.2	
17 Acetone	43	2.772	2.772	0.0	53	136387	16.0	
19 1,1-Dichloroethene	96	2.784	2.784	0.0	90	245843	10.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.784	2.784	0.0	63	162275	9.87	
21 Iodomethane	142	2.914	2.914	0.0	98	293485	10.6	
23 Carbon disulfide	76	2.973	2.973	0.0	99	602617	10.4	
24 Acetonitrile	41	2.997	2.997	0.0	94	64633	27.7	
25 Methyl acetate	43	3.044	3.044	0.0	89	194157	9.26	
26 Methylene Chloride	84	3.163	3.163	0.0	76	246827	9.45	
27 2-Methyl-2-propanol	59	3.210	3.210	0.0	98	349467	196.6	
28 Acrylonitrile	53	3.316	3.317	-0.001	96	278579	28.3	
30 Methyl tert-butyl ether	73	3.364	3.364	0.0	87	1030255	10.2	
29 trans-1,2-Dichloroethene	96	3.364	3.364	0.0	58	370331	10.3	
31 Hexane	86	3.589	3.589	0.0	92	76988	9.22	
32 1,1-Dichloroethane	63	3.695	3.695	0.0	85	625367	10.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
33 Vinyl acetate	86	3.731	3.731	0.0	97	90471	12.5	
34 Isopropyl ether	87	3.754	3.754	0.0	93	376824	10.3	
40 cis-1,2-Dichloroethene	96	4.168	4.169	-0.001	68	433712	10.3	
38 2-Butanone (MEK)	43	4.168	4.169	-0.001	53	210236	19.0	
39 2,2-Dichloropropane	77	4.180	4.180	0.0	75	237877	9.86	
43 Chlorobromomethane	128	4.358	4.370	-0.012	81	219691	10.4	
44 Tetrahydrofuran	42	4.405	4.405	0.0	77	72738	9.91	
45 Chloroform	83	4.417	4.417	0.0	76	670098	10.1	
46 1,1,1-Trichloroethane	97	4.594	4.595	-0.001	87	377773	10.2	
47 Cyclohexane	56	4.654	4.654	0.0	86	338579	8.79	
48 1,1-Dichloropropene	75	4.725	4.725	0.0	91	518255	10.1	
49 Carbon tetrachloride	117	4.736	4.737	-0.001	81	364993	10.3	
50 Isobutyl alcohol	41	4.772	4.772	0.0	89	304562	441.4	
51 1,2-Dichloroethane	62	4.902	4.902	0.0	48	532501	10.5	
52 Benzene	78	4.902	4.902	0.0	96	1602377	10.4	
56 Trichloroethene	130	5.435	5.435	0.0	90	454034	10.3	
58 Methylcyclohexane	83	5.612	5.612	0.0	87	383595	8.38	
59 1,2-Dichloropropane	63	5.612	5.612	0.0	89	358360	10.7	
61 Dibromomethane	93	5.719	5.719	0.0	79	218226	11.0	
63 Dichlorobromomethane	83	5.837	5.837	0.0	94	489344	10.5	
65 2-Chloroethyl vinyl ether	63	6.085	6.086	-0.001	94	201164	10.4	
66 cis-1,3-Dichloropropene	75	6.227	6.228	-0.001	88	558676	9.94	
67 4-Methyl-2-pentanone (MIBK)	43	6.358	6.358	0.0	94	442118	20.0	
68 Toluene	91	6.535	6.535	0.0	92	1666956	9.83	
69 trans-1,3-Dichloropropene	75	6.713	6.713	-0.001	90	492632	10.1	
71 1,1,2-Trichloroethane	97	6.878	6.878	0.0	86	296564	10.3	
72 Tetrachloroethene	164	7.032	7.032	0.0	84	336963	9.74	
73 1,3-Dichloropropane	76	7.032	7.032	0.0	90	506431	10.2	
74 2-Hexanone	43	7.091	7.091	0.0	94	264278	19.8	
76 Chlorodibromomethane	129	7.245	7.245	0.0	85	321115	10.1	
77 Ethylene Dibromide	107	7.351	7.352	-0.001	98	275231	10.3	
79 Chlorobenzene	112	7.813	7.813	0.0	96	899620	10.2	
80 1,1,1,2-Tetrachloroethane	131	7.884	7.884	0.0	89	330301	10.3	
81 Ethylbenzene	106	7.908	7.908	0.0	98	483053	10.0	
82 m-Xylene & p-Xylene	106	8.026	8.026	0.0	96	1136146	20.3	
83 o-Xylene	106	8.393	8.393	0.0	91	516663	10.5	
84 Styrene	104	8.405	8.405	0.0	91	842216	10.7	
85 Bromoform	173	8.582	8.582	0.0	97	139866	10.0	
86 Isopropylbenzene	105	8.748	8.748	0.0	95	1107079	9.98	
87 Cyclohexanone	55	8.831	8.831	0.0	87	89428	46.0	
88 1,1,2,2-Tetrachloroethane	83	9.020	9.020	0.0	90	179031	9.46	
89 Bromobenzene	156	9.044	9.044	0.0	83	291618	10.2	
90 1,2,3-Trichloropropane	110	9.067	9.067	0.0	73	67473	9.92	
91 trans-1,4-Dichloro-2-butene	53	9.067	9.067	0.0	71	60237	18.1	
92 N-Propylbenzene	120	9.150	9.150	0.0	97	263923	10.5	
93 2-Chlorotoluene	126	9.233	9.233	0.0	96	216555	9.60	
94 1,3,5-Trimethylbenzene	105	9.316	9.316	0.0	90	704569	9.84	
95 4-Chlorotoluene	126	9.339	9.340	-0.001	97	233039	10.0	
96 tert-Butylbenzene	119	9.635	9.635	0.0	76	607970	9.92	
97 1,2,4-Trimethylbenzene	105	9.683	9.683	0.0	66	719963	9.68	
98 sec-Butylbenzene	105	9.860	9.860	0.0	93	759372	9.37	
99 1,3-Dichlorobenzene	146	9.967	9.967	0.0	97	468719	9.83	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
100 4-Isopropyltoluene	119	10.002	10.002	0.0	89	704397	9.85	
101 1,4-Dichlorobenzene	146	10.049	10.050	-0.001	93	481465	9.56	
102 1,2,3-Trimethylbenzene	105	10.109	10.109	0.0	96	760252	10.3	
103 n-Butylbenzene	91	10.404	10.405	-0.001	94	551008	9.13	
104 1,2-Dichlorobenzene	146	10.416	10.416	0.0	96	456202	9.67	
105 1,2-Dibromo-3-Chloropropane	157	11.185	11.185	0.0	72	37273	9.68	
107 1,2,4-Trichlorobenzene	180	12.025	12.026	-0.001	89	201291	8.17	
108 Hexachlorobutadiene	225	12.203	12.203	0.0	86	120422	8.25	
109 Naphthalene	128	12.274	12.274	0.0	96	347270	6.19	
110 1,2,3-Trichlorobenzene	180	12.522	12.523	-0.001	92	135046	6.99	
S 138 Trihalomethanes, Total	1				0		40.7	
S 112 1,2-Dichloroethene, Total	96				0		20.6	
S 114 Xylenes, Total	106				0		30.8	

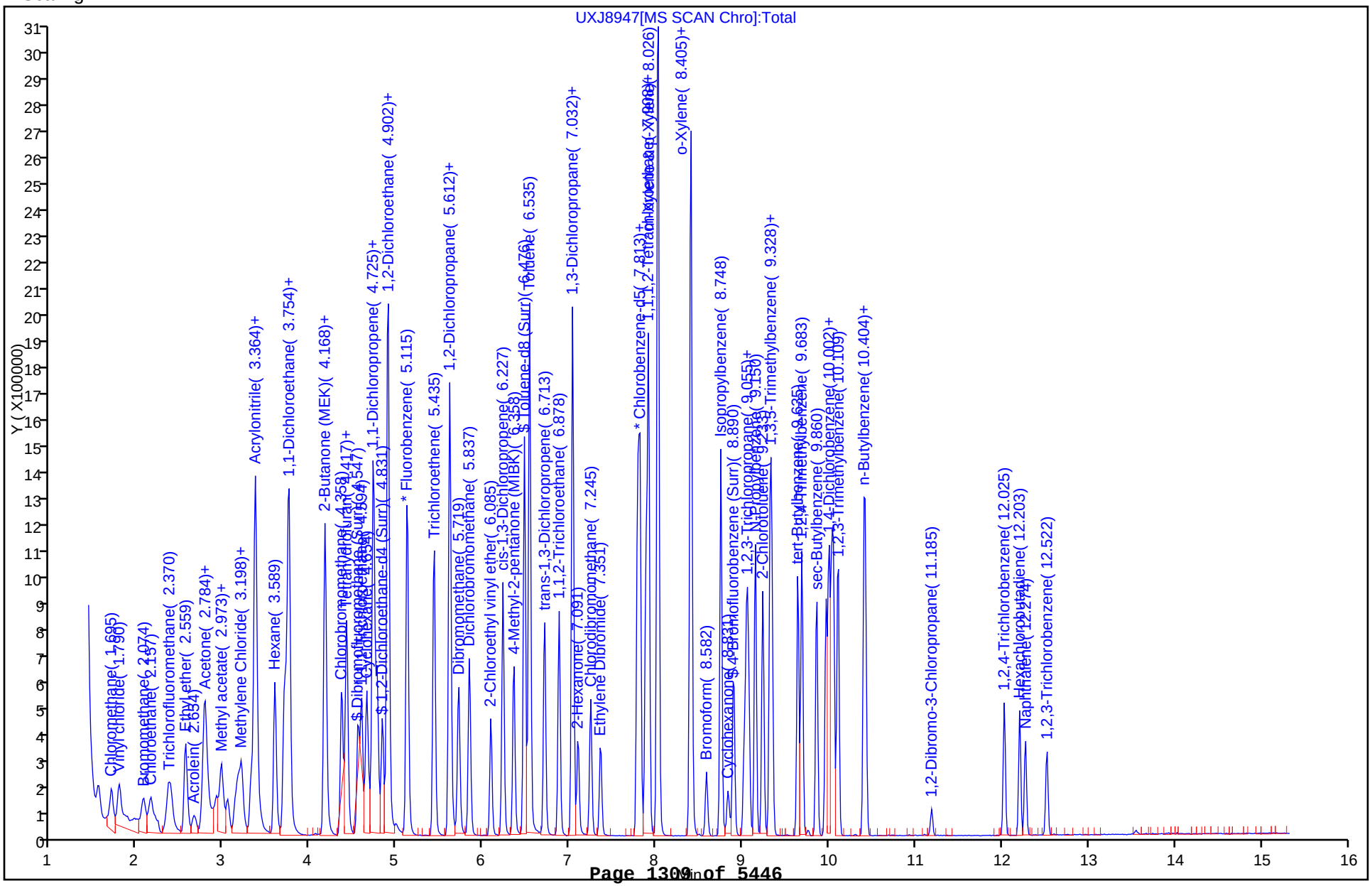
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8947.D

Injection Date:	11-Dec-2012 16:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68124	Lims Sample ID:	14
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-68124/14 Calibration Date: 12/11/2012 16:10

Instrument ID: A3UX11 Calib Start Date: 12/11/2012 13:55

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/11/2012 15:48

Lab File ID: UXJ8947.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isobutyl alcohol	Ave	0.0083	0.0074		0.441	0.500	-11.7	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8947.D
Lims ID: ICV Client ID:
Inject. Date: 11-Dec-2012 16:10:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015710-014
Misc. Info.: J21211A-IC,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 68124 Lims Sample ID: 14
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\8260_11.m
Last Update: 12-Dec-2012 08:23:32 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

First Level Reviewer: evansle Date: 12-Dec-2012 08:00:58

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1322071	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	81	827987	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	84	310940	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	92	289706	8.01	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	87	326240	7.78	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	83	1125547	7.94	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	90	237789	8.39	
8 Dichlorodifluoromethane	85	1.553	1.554	-0.001	86	193870	7.36	
9 Chloromethane	50	1.695	1.695	0.0	88	220629	9.40	
10 Vinyl chloride	62	1.790	1.790	0.0	83	223281	9.14	
11 Bromomethane	94	2.074	2.074	0.0	88	99534	8.64	
12 Chloroethane	64	2.157	2.157	0.0	97	132020	9.71	
14 Trichlorofluoromethane	101	2.358	2.358	0.0	96	258195	9.20	
15 Ethyl ether	59	2.559	2.559	0.0	87	306689	10.7	
16 Acrolein	56	2.654	2.654	0.0	88	95423	26.2	
17 Acetone	43	2.772	2.772	0.0	53	136387	16.0	
19 1,1-Dichloroethene	96	2.784	2.784	0.0	90	245843	10.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.784	2.784	0.0	63	162275	9.87	
21 Iodomethane	142	2.914	2.914	0.0	98	293485	10.6	
23 Carbon disulfide	76	2.973	2.973	0.0	99	602617	10.4	
24 Acetonitrile	41	2.997	2.997	0.0	94	64633	27.7	
25 Methyl acetate	43	3.044	3.044	0.0	89	194157	9.26	
26 Methylene Chloride	84	3.163	3.163	0.0	76	246827	9.45	
27 2-Methyl-2-propanol	59	3.210	3.210	0.0	98	349467	196.6	
28 Acrylonitrile	53	3.316	3.317	-0.001	96	278579	28.3	
30 Methyl tert-butyl ether	73	3.364	3.364	0.0	87	1030255	10.2	
29 trans-1,2-Dichloroethene	96	3.364	3.364	0.0	58	370331	10.3	
31 Hexane	86	3.589	3.589	0.0	92	76988	9.22	
32 1,1-Dichloroethane	63	3.695	3.695	0.0	85	625367	10.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
33 Vinyl acetate	86	3.731	3.731	0.0	97	90471	12.5	
34 Isopropyl ether	87	3.754	3.754	0.0	93	376824	10.3	
40 cis-1,2-Dichloroethene	96	4.168	4.169	-0.001	68	433712	10.3	
38 2-Butanone (MEK)	43	4.168	4.169	-0.001	53	210236	19.0	
39 2,2-Dichloropropane	77	4.180	4.180	0.0	75	237877	9.86	
43 Chlorobromomethane	128	4.358	4.370	-0.012	81	219691	10.4	
44 Tetrahydrofuran	42	4.405	4.405	0.0	77	72738	9.91	
45 Chloroform	83	4.417	4.417	0.0	76	670098	10.1	
46 1,1,1-Trichloroethane	97	4.594	4.595	-0.001	87	377773	10.2	
47 Cyclohexane	56	4.654	4.654	0.0	86	338579	8.79	
48 1,1-Dichloropropene	75	4.725	4.725	0.0	91	518255	10.1	
49 Carbon tetrachloride	117	4.736	4.737	-0.001	81	364993	10.3	
50 Isobutyl alcohol	41	4.772	4.772	0.0	89	304562	441.4	
51 1,2-Dichloroethane	62	4.902	4.902	0.0	48	532501	10.5	
52 Benzene	78	4.902	4.902	0.0	96	1602377	10.4	
56 Trichloroethene	130	5.435	5.435	0.0	90	454034	10.3	
58 Methylcyclohexane	83	5.612	5.612	0.0	87	383595	8.38	
59 1,2-Dichloropropane	63	5.612	5.612	0.0	89	358360	10.7	
61 Dibromomethane	93	5.719	5.719	0.0	79	218226	11.0	
63 Dichlorobromomethane	83	5.837	5.837	0.0	94	489344	10.5	
65 2-Chloroethyl vinyl ether	63	6.085	6.086	-0.001	94	201164	10.4	
66 cis-1,3-Dichloropropene	75	6.227	6.228	-0.001	88	558676	9.94	
67 4-Methyl-2-pentanone (MIBK)	43	6.358	6.358	0.0	94	442118	20.0	
68 Toluene	91	6.535	6.535	0.0	92	1666956	9.83	
69 trans-1,3-Dichloropropene	75	6.713	6.713	-0.001	90	492632	10.1	
71 1,1,2-Trichloroethane	97	6.878	6.878	0.0	86	296564	10.3	
72 Tetrachloroethene	164	7.032	7.032	0.0	84	336963	9.74	
73 1,3-Dichloropropane	76	7.032	7.032	0.0	90	506431	10.2	
74 2-Hexanone	43	7.091	7.091	0.0	94	264278	19.8	
76 Chlorodibromomethane	129	7.245	7.245	0.0	85	321115	10.1	
77 Ethylene Dibromide	107	7.351	7.352	-0.001	98	275231	10.3	
79 Chlorobenzene	112	7.813	7.813	0.0	96	899620	10.2	
80 1,1,1,2-Tetrachloroethane	131	7.884	7.884	0.0	89	330301	10.3	
81 Ethylbenzene	106	7.908	7.908	0.0	98	483053	10.0	
82 m-Xylene & p-Xylene	106	8.026	8.026	0.0	96	1136146	20.3	
83 o-Xylene	106	8.393	8.393	0.0	91	516663	10.5	
84 Styrene	104	8.405	8.405	0.0	91	842216	10.7	
85 Bromoform	173	8.582	8.582	0.0	97	139866	10.0	
86 Isopropylbenzene	105	8.748	8.748	0.0	95	1107079	9.98	
87 Cyclohexanone	55	8.831	8.831	0.0	87	89428	46.0	
88 1,1,2,2-Tetrachloroethane	83	9.020	9.020	0.0	90	179031	9.46	
89 Bromobenzene	156	9.044	9.044	0.0	83	291618	10.2	
90 1,2,3-Trichloropropane	110	9.067	9.067	0.0	73	67473	9.92	
91 trans-1,4-Dichloro-2-butene	53	9.067	9.067	0.0	71	60237	18.1	
92 N-Propylbenzene	120	9.150	9.150	0.0	97	263923	10.5	
93 2-Chlorotoluene	126	9.233	9.233	0.0	96	216555	9.60	
94 1,3,5-Trimethylbenzene	105	9.316	9.316	0.0	90	704569	9.84	
95 4-Chlorotoluene	126	9.339	9.340	-0.001	97	233039	10.0	
96 tert-Butylbenzene	119	9.635	9.635	0.0	76	607970	9.92	
97 1,2,4-Trimethylbenzene	105	9.683	9.683	0.0	66	719963	9.68	
98 sec-Butylbenzene	105	9.860	9.860	0.0	93	759372	9.37	
99 1,3-Dichlorobenzene	146	9.967	9.967	0.0	97	468719	9.83	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
100 4-Isopropyltoluene	119	10.002	10.002	0.0	89	704397	9.85	
101 1,4-Dichlorobenzene	146	10.049	10.050	-0.001	93	481465	9.56	
102 1,2,3-Trimethylbenzene	105	10.109	10.109	0.0	96	760252	10.3	
103 n-Butylbenzene	91	10.404	10.405	-0.001	94	551008	9.13	
104 1,2-Dichlorobenzene	146	10.416	10.416	0.0	96	456202	9.67	
105 1,2-Dibromo-3-Chloropropane	157	11.185	11.185	0.0	72	37273	9.68	
107 1,2,4-Trichlorobenzene	180	12.025	12.026	-0.001	89	201291	8.17	
108 Hexachlorobutadiene	225	12.203	12.203	0.0	86	120422	8.25	
109 Naphthalene	128	12.274	12.274	0.0	96	347270	6.19	
110 1,2,3-Trichlorobenzene	180	12.522	12.523	-0.001	92	135046	6.99	
S 138 Trihalomethanes, Total	1				0		40.7	
S 112 1,2-Dichloroethene, Total	96				0		20.6	
S 114 Xylenes, Total	106				0		30.8	

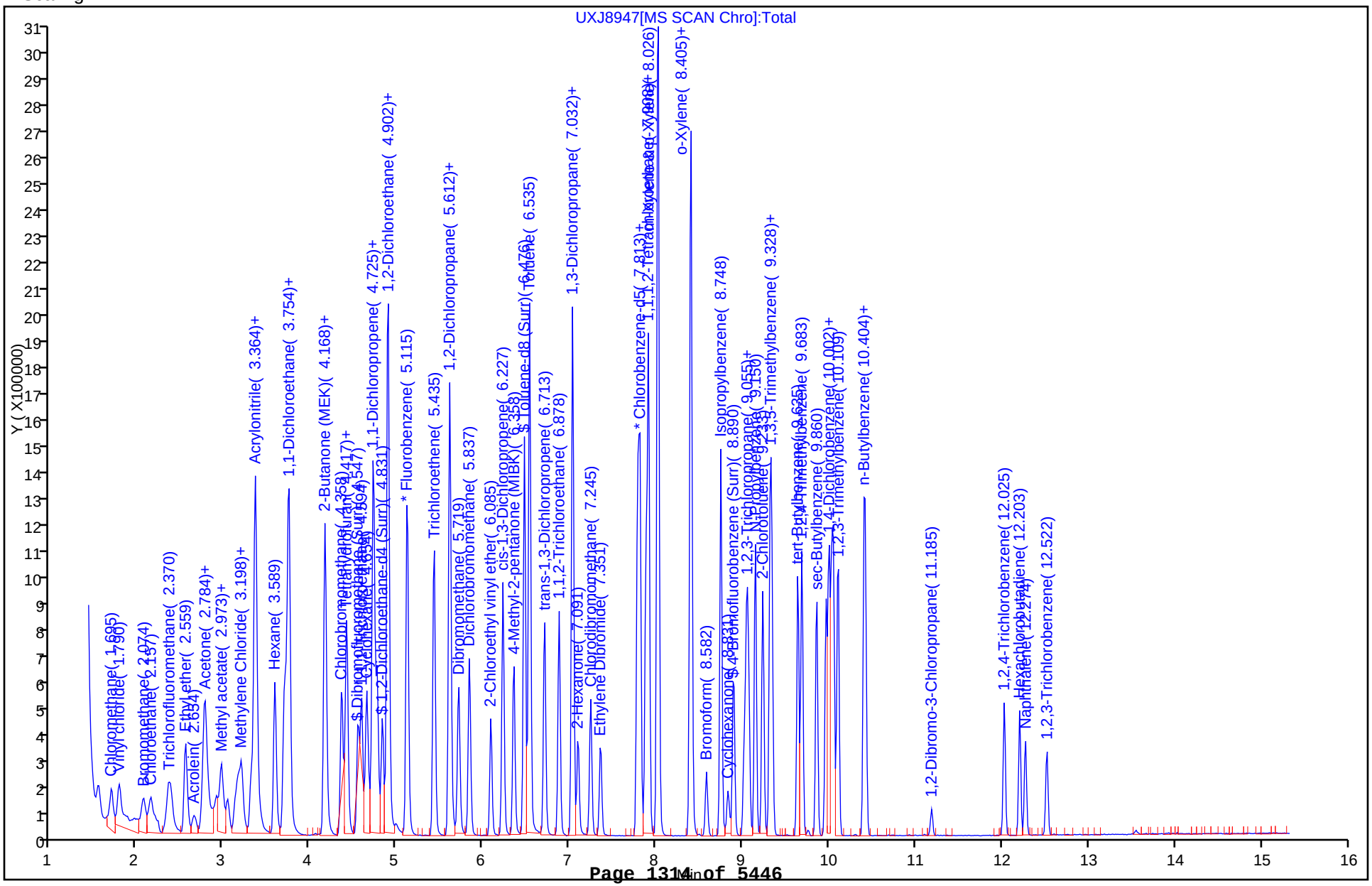
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8947.D

Injection Date:	11-Dec-2012 16:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68124	Lims Sample ID:	14
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68395/2 Calibration Date: 12/12/2012 12:30

Instrument ID: A3UX11 Calib Start Date: 12/11/2012 11:39

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/11/2012 13:32

Lab File ID: UXJ8968.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1992	0.1876	0.1000	0.00942	0.0100	-5.8	20.0
Chloromethane	Ave	0.1776	0.1677	0.1000	0.00945	0.0100	-5.5	20.0
Vinyl chloride	Ave	0.1848	0.1822	0.1000	0.00986	0.0100	-1.4	20.0
Bromomethane	Ave	0.0872	0.0772	0.0500	0.00885	0.0100	-11.5	20.0
Chloroethane	Ave	0.1028	0.1010	0.0500	0.00983	0.0100	-1.7	20.0
Trichlorofluoromethane	Ave	0.2122	0.2105	0.1000	0.00992	0.0100	-0.8	20.0
Acrolein	Ave	0.0276	0.0270		0.0977	0.100	-2.3	20.0
Acetone	Qua		0.0620	0.0500	0.0198	0.0200	-1.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1244	0.1062	0.0500	0.00853	0.0100	-14.7	20.0
1,1-Dichloroethene	Ave	0.1773	0.1698	0.1000	0.00958	0.0100	-4.2	20.0
Iodomethane	Ave	0.2094	0.1791		0.00856	0.0100	-14.4	20.0
Carbon disulfide	Ave	0.4383	0.4318	0.1000	0.00985	0.0100	-1.5	20.0
Acetonitrile	Ave	0.0177	0.0157		0.0890	0.100	-11.0	20.0
Methyl acetate	Ave	0.1586	0.1620	0.1000	0.0204	0.0200	2.2	20.0
Methylene Chloride	Ave	0.1976	0.1796	0.1000	0.00909	0.0100	-9.1	20.0
2-Methyl-2-propanol	Ave	0.0134	0.0124		0.184	0.200	-8.0	20.0
Acrylonitrile	Ave	0.0744	0.0749		0.0201	0.0200	0.6	20.0
Methyl tert-butyl ether	Ave	0.7635	0.7503	0.1000	0.00983	0.0100	-1.7	20.0
trans-1,2-Dichloroethene	Ave	0.2717	0.2512	0.1000	0.00924	0.0100	-7.6	20.0
1,1-Dichloroethane	Ave	0.4437	0.4310	0.1000	0.00971	0.0100	-2.9	20.0
Vinyl acetate	Ave	0.0548	0.0512		0.00934	0.0100	-6.6	20.0
2,2-Dichloropropane	Ave	0.1825	0.1729		0.00947	0.0100	-5.3	20.0
2-Butanone (MEK)	Ave	0.0838	0.0881	0.0500	0.0210	0.0200	5.2	20.0
cis-1,2-Dichloroethene	Ave	0.3185	0.2919	0.1000	0.00916	0.0100	-8.4	20.0
Bromochloromethane	Ave	0.1591	0.1386		0.00871	0.0100	-12.9	20.0
Chloroform	Ave	0.5015	0.4794	0.2000	0.00956	0.0100	-4.4	20.0
1,1,1-Trichloroethane	Ave	0.2792	0.2627	0.1000	0.00941	0.0100	-5.9	20.0
Cyclohexane	Ave	0.2913	0.3107	0.1000	0.0107	0.0100	6.7	20.0
1,1-Dichloropropene	Ave	0.3892	0.3716		0.00955	0.0100	-4.5	20.0
Carbon tetrachloride	Ave	0.2691	0.2434	0.1000	0.00904	0.0100	-9.6	20.0
1,2-Dichloroethane	Ave	0.3823	0.3697	0.1000	0.00967	0.0100	-3.3	20.0
Benzene	Ave	1.160	1.117	0.5000	0.00963	0.0100	-3.7	20.0
Trichloroethene	Ave	0.3318	0.2814	0.2000	0.00848	0.0100	-15.2	20.0
1,2-Dichloropropane	Ave	0.2528	0.2492	0.1000	0.00986	0.0100	-1.4	20.0
Methylcyclohexane	Ave	0.3462	0.3437	0.1000	0.00993	0.0100	-0.7	20.0
Dibromomethane	Ave	0.1506	0.1428		0.00948	0.0100	-5.2	20.0
Bromodichloromethane	Ave	0.3528	0.3314	0.1000	0.00939	0.0100	-6.1	20.0
cis-1,3-Dichloropropene	Ave	0.4252	0.4066	0.1500	0.00956	0.0100	-4.4	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1676	0.1797	0.0500	0.0214	0.0200	7.2	20.0
Toluene	Ave	2.049	1.960	0.4000	0.00957	0.0100	-4.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68395/2 Calibration Date: 12/12/2012 12:30

Instrument ID: A3UX11 Calib Start Date: 12/11/2012 11:39

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/11/2012 13:32

Lab File ID: UXJ8968.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,3-Dichloropropene	Ave	0.5893	0.5702	0.1000	0.00968	0.0100	-3.2	20.0
1,1,2-Trichloroethane	Ave	0.3491	0.3397	0.1000	0.00973	0.0100	-2.7	20.0
1,3-Dichloropropane	Ave	0.6006	0.5938		0.00989	0.0100	-1.1	20.0
Tetrachloroethene	Ave	0.4179	0.3406	0.2000	0.00815	0.0100	-18.5	20.0
2-Hexanone	Ave	0.1613	0.1770	0.0500	0.0219	0.0200	9.7	20.0
Dibromochloromethane	Ave	0.3845	0.3444		0.00896	0.0100	-10.4	20.0
1,2-Dibromoethane	Ave	0.3239	0.3120		0.00963	0.0100	-3.7	20.0
Chlorobenzene	Ave	1.066	0.9807	0.3000	0.00920	0.0100	-8.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3864	0.3453		0.00894	0.0100	-10.6	20.0
Ethylbenzene	Ave	0.5811	0.5330		0.00917	0.0100	-8.3	20.0
m-Xylene & p-Xylene	Ave	0.6755	0.6359		0.0188	0.0200	-5.9	20.0
o-Xylene	Ave	0.5956	0.5664		0.00951	0.0100	-4.9	20.0
Styrene	Ave	0.9515	0.9088	0.3000	0.00955	0.0100	-4.5	20.0
Bromoform	Ave	0.1687	0.1397	0.1000	0.00828	0.0100	-17.2	20.0
Isopropylbenzene	Ave	1.339	1.247	0.1000	0.00931	0.0100	-6.9	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6088	0.7116	0.3000	0.0117	0.0100	16.9	20.0
Bromobenzene	Ave	0.9156	0.9179		0.0100	0.0100	0.3	20.0
1,2,3-Trichloropropane	Ave	0.2187	0.2442		0.0112	0.0100	11.7	20.0
N-Propylbenzene	Ave	0.8055	0.8429		0.0105	0.0100	4.6	20.0
2-Chlorotoluene	Ave	0.7252	0.7548		0.0104	0.0100	4.1	20.0
1,3,5-Trimethylbenzene	Ave	2.303	2.484		0.0108	0.0100	7.9	20.0
4-Chlorotoluene	Ave	0.7502	0.7759		0.0103	0.0100	3.4	20.0
tert-Butylbenzene	Ave	1.971	2.075		0.0105	0.0100	5.3	20.0
1,2,4-Trimethylbenzene	Ave	2.391	2.494		0.0104	0.0100	4.3	20.0
sec-Butylbenzene	Ave	2.605	2.663		0.0102	0.0100	2.2	20.0
1,3-Dichlorobenzene	Ave	1.533	1.445	0.6000	0.00942	0.0100	-5.8	20.0
4-Isopropyltoluene	Ave	2.301	2.312		0.0100	0.0100	0.5	20.0
1,4-Dichlorobenzene	Ave	1.619	1.513	0.5000	0.00934	0.0100	-6.6	20.0
n-Butylbenzene	Ave	1.940	1.930		0.00995	0.0100	-0.5	20.0
1,2-Dichlorobenzene	Ave	1.518	1.401	0.4000	0.00923	0.0100	-7.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1238	0.1124	0.0500	0.00908	0.0100	-9.2	20.0
1,2,4-Trichlorobenzene	Qua		0.5480	0.2000	0.00675	0.0100	-32.5*	20.0
Hexachlorobutadiene	Qua		0.3074		0.00636	0.0100	-36.4*	20.0
Naphthalene	Qua		1.103		0.00610	0.0100	-39.0*	20.0
1,2,3-Trichlorobenzene	Ave	0.6214	0.3714		0.00598	0.0100	-40.2*	20.0
Dibromofluoromethane (Surr)	Ave	0.2737	0.2504		0.00763	0.00834	-8.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3174	0.3049		0.00801	0.00834	-3.9	20.0
Toluene-d8 (Surr)	Ave	1.713	1.688		0.00822	0.00834	-1.5	20.0
4-Bromofluorobenzene (Surr)	Ave	0.3425	0.3605		0.00878	0.00834	5.2	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8968.D
Lims ID: CCVIS L4 8260 Client ID:
Inject. Date: 12-Dec-2012 12:30:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0015761-002
Misc. Info.: J21212A,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 68395 Lims Sample ID: 2
Sublist: chrom-8260_11*sub11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\8260_11.m
Last Update: 13-Dec-2012 08:28:23 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: evansle Date: 12-Dec-2012 13:06:01

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1201872	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	82	719895	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	89	225710	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	93	250991	7.63	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	87	305580	8.01	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	83	1013235	8.22	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	90	216410	8.78	
8 Dichlorodifluoromethane	85	1.542	1.542	0.0	87	225416	9.42	
9 Chloromethane	50	1.696	1.696	0.0	99	201596	9.45	
10 Vinyl chloride	62	1.790	1.790	0.0	82	218981	9.86	
11 Bromomethane	94	2.074	2.074	0.0	89	92779	8.85	
12 Chloroethane	64	2.157	2.157	0.0	97	121413	9.83	
14 Trichlorofluoromethane	101	2.358	2.358	0.0	97	253041	9.92	
16 Acrolein	56	2.654	2.654	0.0	89	324175	97.7	
17 Acetone	43	2.772	2.772	0.0	63	149061	19.8	
19 1,1-Dichloroethene	96	2.784	2.784	0.0	90	204120	9.58	
18 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.784	2.784	0.0	51	127605	8.53	
21 Iodomethane	142	2.914	2.914	0.0	95	215281	8.56	
23 Carbon disulfide	76	2.973	2.973	0.0	98	519011	9.85	
24 Acetonitrile	41	2.997	2.997	0.0	95	189077	89.0	
25 Methyl acetate	43	3.044	3.044	0.0	95	389501	20.4	
26 Methylene Chloride	84	3.163	3.163	0.0	79	215853	9.09	
27 2-Methyl-2-propanol	59	3.198	3.198	0.0	98	297321	184.0	
28 Acrylonitrile	53	3.317	3.317	0.0	96	180073	20.1	
30 Methyl tert-butyl ether	73	3.364	3.364	0.0	88	901703	9.83	
29 trans-1,2-Dichloroethene	96	3.364	3.364	0.0	56	301943	9.24	
31 Hexane	86	3.589	3.589	0.0	93	76520	10.1	
32 1,1-Dichloroethane	63	3.695	3.695	0.0	86	517966	9.71	
33 Vinyl acetate	86	3.731	3.731	0.0	98	61550	9.34	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	4.169	4.169	0.0	69	350769	9.16	
38 2-Butanone (MEK)	43	4.169	4.169	0.0	56	211858	21.0	
39 2,2-Dichloropropane	77	4.169	4.169	0.0	66	207765	9.47	
43 Chlorobromomethane	128	4.358	4.358	0.0	94	166630	8.71	
44 Tetrahydrofuran	42	4.405	4.405	0.0	81	67228	10.1	
45 Chloroform	83	4.417	4.417	0.0	71	576158	9.56	
46 1,1,1-Trichloroethane	97	4.595	4.595	0.0	87	315747	9.41	
47 Cyclohexane	56	4.654	4.654	0.0	87	373395	10.7	
48 1,1-Dichloropropene	75	4.725	4.725	0.0	91	446558	9.55	
49 Carbon tetrachloride	117	4.737	4.737	0.0	75	292490	9.04	
52 Benzene	78	4.902	4.902	0.0	96	1341902	9.63	
51 1,2-Dichloroethane	62	4.902	4.902	0.0	48	444342	9.67	
56 Trichloroethene	130	5.435	5.435	0.0	92	338145	8.48	
59 1,2-Dichloropropane	63	5.612	5.612	0.0	85	299452	9.86	
58 Methylcyclohexane	83	5.612	5.612	0.0	87	413071	9.93	
61 Dibromomethane	93	5.719	5.719	0.0	85	171645	9.48	
62 1,4-Dioxane	88	5.719	5.719	0.0	89	73527	352.5	
63 Dichlorobromomethane	83	5.837	5.837	0.0	88	398304	9.39	
65 2-Chloroethyl vinyl ether	63	6.086	6.086	0.0	95	364761	20.7	
66 cis-1,3-Dichloropropene	75	6.228	6.228	0.0	87	488708	9.56	
67 4-Methyl-2-pentanone (MIBK)	43	6.358	6.358	0.0	96	431854	21.4	
68 Toluene	91	6.535	6.535	0.0	92	1411120	9.57	
69 trans-1,3-Dichloropropene	75	6.713	6.713	0.0	91	410489	9.68	
70 Ethyl methacrylate	69	6.784	6.784	0.0	88	354544	10.4	
71 1,1,2-Trichloroethane	97	6.878	6.878	0.0	85	244550	9.73	
72 Tetrachloroethene	164	7.032	7.032	0.0	82	245174	8.15	
73 1,3-Dichloropropane	76	7.032	7.032	0.0	92	427451	9.89	
74 2-Hexanone	43	7.091	7.091	0.0	95	254806	21.9	
76 Chlorodibromomethane	129	7.245	7.245	0.0	85	247916	8.96	
77 Ethylene Dibromide	107	7.352	7.352	0.0	98	224629	9.63	
79 Chlorobenzene	112	7.813	7.813	0.0	94	705986	9.20	
80 1,1,1,2-Tetrachloroethane	131	7.884	7.884	0.0	83	248602	8.94	
81 Ethylbenzene	106	7.908	7.908	0.0	98	383682	9.17	
82 m-Xylene & p-Xylene	106	8.014	8.014	0.0	97	915548	18.8	
83 o-Xylene	106	8.393	8.393	0.0	91	407712	9.51	
84 Styrene	104	8.405	8.405	0.0	89	654254	9.55	
85 Bromoform	173	8.582	8.582	0.0	94	100587	8.28	
86 Isopropylbenzene	105	8.748	8.748	0.0	95	897486	9.31	
88 1,1,2,2-Tetrachloroethane	83	9.020	9.020	0.0	95	160606	11.7	
89 Bromobenzene	156	9.044	9.044	0.0	92	207184	10.0	
90 1,2,3-Trichloropropane	110	9.067	9.067	0.0	73	55127	11.2	
91 trans-1,4-Dichloro-2-butene	53	9.067	9.067	0.0	66	28733	11.9	
92 N-Propylbenzene	120	9.150	9.150	0.0	97	190249	10.5	
93 2-Chlorotoluene	126	9.233	9.233	0.0	96	170354	10.4	
94 1,3,5-Trimethylbenzene	105	9.316	9.316	0.0	89	560646	10.8	
95 4-Chlorotoluene	126	9.340	9.340	0.0	99	175123	10.3	
96 tert-Butylbenzene	119	9.635	9.635	0.0	78	468374	10.5	
97 1,2,4-Trimethylbenzene	105	9.683	9.683	0.0	67	562860	10.4	
98 sec-Butylbenzene	105	9.860	9.860	0.0	92	601167	10.2	
99 1,3-Dichlorobenzene	146	9.967	9.967	0.0	97	326192	9.42	
100 4-Isopropyltoluene	119	9.990	9.990	0.0	92	521854	10.0	
101 1,4-Dichlorobenzene	146	10.050	10.050	0.0	92	341533	9.34	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
103 n-Butylbenzene	91	10.405	10.405	0.0	94	435536	9.95	
104 1,2-Dichlorobenzene	146	10.416	10.416	0.0	95	316125	9.23	
105 1,2-Dibromo-3-Chloropropane	157	11.186	11.186	0.0	64	25369	9.08	
106 1,3,5-Trichlorobenzene	180	11.410	11.410	0.0	97	179315	7.79	
107 1,2,4-Trichlorobenzene	180	12.026	12.026	0.0	93	123678	6.75	
108 Hexachlorobutadiene	225	12.203	12.203	0.0	89	69382	6.36	
109 Naphthalene	128	12.274	12.274	0.0	97	248942	6.10	
110 1,2,3-Trichlorobenzene	180	12.523	12.523	0.0	90	83823	5.98	
S 138 Trihalomethanes, Total	1				0		36.2	
S 112 1,2-Dichloroethene, Total	96				0		18.4	
S 113 1,3-Dichloropropene, Total	75				0		19.2	
S 114 Xylenes, Total	106				0		28.3	

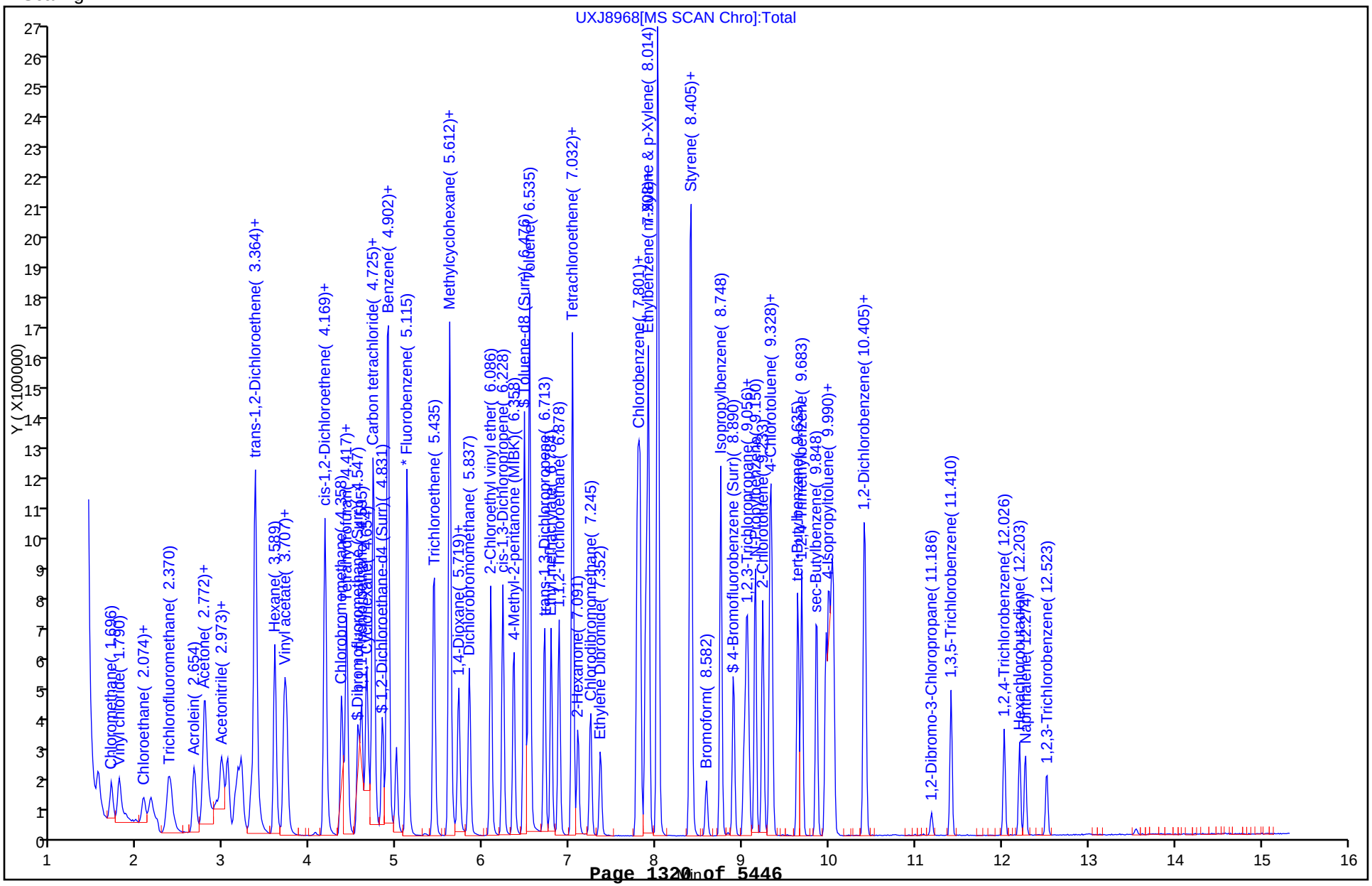
Report Date: 13-Dec-2012 08:28:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8968.D

Injection Date:	12-Dec-2012 12:30:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68395	Lims Sample ID:	2
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-68080/18 Calibration Date: 12/11/2012 09:05

Instrument ID: A3UX8 Calib Start Date: 12/11/2012 03:47

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/11/2012 06:15

Lab File ID: UX82351.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1640	0.1489	0.1000	0.0227	0.0250	-9.2	20.0
Chloromethane	Ave	0.3145	0.2900	0.1000	0.0231	0.0250	-7.8	20.0
Vinyl chloride	Ave	0.1837	0.1759	0.1000	0.0239	0.0250	-4.2	20.0
Bromomethane	Qua		0.0730	0.0500	0.0229	0.0250	-8.5	20.0
Chloroethane	Qua		0.0941	0.0500	0.0217	0.0250	-13.0	20.0
Trichlorofluoromethane	Ave	0.2159	0.2149	0.1000	0.0249	0.0250	-0.5	20.0
1,1-Dichloroethene	Ave	0.1643	0.1684	0.1000	0.0256	0.0250	2.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1437	0.1474	0.0500	0.0256	0.0250	2.5	20.0
Acetone	Qua		0.1479	0.0500	0.0551	0.0500	10.2	20.0
Iodomethane	Ave	0.3295	0.3457		0.0262	0.0250	4.9	20.0
Carbon disulfide	Ave	0.4806	0.4630	0.1000	0.0241	0.0250	-3.7	20.0
Methyl acetate	Ave	0.3287	0.3070	0.1000	0.0233	0.0250	-6.6	20.0
Methylene Chloride	Lin1		0.2379	0.1000	0.0250	0.0250	0.0	20.0
2-Methyl-2-propanol	Ave	0.0242	0.0201		0.415	0.500	-16.9	20.0
Methyl tert-butyl ether	Ave	0.5669	0.5657	0.1000	0.0249	0.0250	-0.2	20.0
trans-1,2-Dichloroethene	Ave	0.1909	0.1941	0.1000	0.0254	0.0250	1.7	20.0
1,1-Dichloroethane	Ave	0.3794	0.3882	0.1000	0.0256	0.0250	2.3	20.0
Vinyl acetate	Ave	0.0417	0.0395		0.0237	0.0250	-5.1	20.0
2-Butanone (MEK)	Ave	0.2038	0.1930	0.0500	0.0473	0.0500	-5.3	20.0
cis-1,2-Dichloroethene	Ave	0.2222	0.2248	0.1000	0.0253	0.0250	1.2	20.0
2,2-Dichloropropane	Ave	0.1537	0.1419		0.0231	0.0250	-7.6	20.0
Chlorobromomethane	Ave	0.1272	0.1204		0.0237	0.0250	-5.3	20.0
Chloroform	Ave	0.3555	0.3445	0.2000	0.0242	0.0250	-3.1	20.0
1,1,1-Trichloroethane	Ave	0.2805	0.2630	0.1000	0.0234	0.0250	-6.3	20.0
Cyclohexane	Ave	0.4595	0.4257	0.1000	0.0232	0.0250	-7.4	20.0
1,1-Dichloropropene	Ave	0.2497	0.2417		0.0242	0.0250	-3.2	20.0
Carbon tetrachloride	Ave	0.2652	0.2420	0.1000	0.0228	0.0250	-8.7	20.0
1,2-Dichloroethane	Ave	0.3654	0.3589	0.1000	0.0246	0.0250	-1.8	20.0
Benzene	Ave	0.7479	0.7540	0.5000	0.0252	0.0250	0.8	20.0
Trichloroethene	Ave	0.2295	0.2283	0.2000	0.0249	0.0250	-0.6	20.0
Methylcyclohexane	Ave	0.3451	0.3109	0.1000	0.0225	0.0250	-9.9	20.0
1,2-Dichloropropane	Ave	0.2148	0.2150	0.1000	0.0250	0.0250	0.1	20.0
Dibromomethane	Ave	0.1226	0.1268		0.0259	0.0250	3.4	20.0
Dichlorobromomethane	Ave	0.2399	0.2411	0.1000	0.0251	0.0250	0.5	20.0
cis-1,3-Dichloropropene	Ave	0.2766	0.2520	0.1500	0.0228	0.0250	-8.9	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3655	0.3527	0.0500	0.0482	0.0500	-3.5	20.0
Toluene	Ave	1.206	1.145	0.4000	0.0237	0.0250	-5.0	20.0
trans-1,3-Dichloropropene	Qua		0.3049	0.1000	0.0213	0.0250	-14.6	20.0
1,1,2-Trichloroethane	Ave	0.2499	0.2410	0.1000	0.0241	0.0250	-3.6	20.0
1,3-Dichloropropane	Ave	0.4189	0.4085		0.0244	0.0250	-2.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-68080/18 Calibration Date: 12/11/2012 09:05

Instrument ID: A3UX8 Calib Start Date: 12/11/2012 03:47

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/11/2012 06:15

Lab File ID: UX82351.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.2504	0.2422	0.2000	0.0242	0.0250	-3.3	20.0
2-Hexanone	Ave	0.3583	0.3333	0.0500	0.0465	0.0500	-7.0	20.0
Chlorodibromomethane	Qua		0.2582		0.0217	0.0250	-13.2	20.0
Ethylene Dibromide	Ave	0.2618	0.2489		0.0238	0.0250	-4.9	20.0
Chlorobenzene	Ave	0.8399	0.7766	0.3000	0.0231	0.0250	-7.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2719	0.2622		0.0241	0.0250	-3.6	20.0
Ethylbenzene	Ave	0.4117	0.3927		0.0238	0.0250	-4.6	20.0
m-Xylene & p-Xylene	Ave	0.4992	0.4781		0.0479	0.0500	-4.2	20.0
o-Xylene	Ave	0.4721	0.4592		0.0243	0.0250	-2.7	20.0
Styrene	Ave	0.8036	0.7845	0.3000	0.0244	0.0250	-2.4	20.0
Bromoform	Qua		0.1460	0.1000	0.0223	0.0250	-10.9	20.0
Isopropylbenzene	Ave	1.227	1.171	0.1000	0.0238	0.0250	-4.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5791	0.5265	0.3000	0.0227	0.0250	-9.1	20.0
Bromobenzene	Ave	0.7330	0.7007		0.0239	0.0250	-4.4	20.0
1,2,3-Trichloropropane	Ave	0.2187	0.2217		0.0253	0.0250	1.4	20.0
N-Propylbenzene	Ave	0.7217	0.6683		0.0232	0.0250	-7.4	20.0
2-Chlorotoluene	Ave	0.6306	0.5815		0.0231	0.0250	-7.8	20.0
1,3,5-Trimethylbenzene	Ave	2.022	1.864		0.0230	0.0250	-7.8	20.0
4-Chlorotoluene	Ave	0.6521	0.6080		0.0233	0.0250	-6.8	20.0
tert-Butylbenzene	Ave	1.908	1.747		0.0229	0.0250	-8.4	20.0
1,2,4-Trimethylbenzene	Ave	1.968	1.918		0.0244	0.0250	-2.5	20.0
sec-Butylbenzene	Ave	2.492	2.272		0.0228	0.0250	-8.8	20.0
1,3-Dichlorobenzene	Ave	1.314	1.200	0.6000	0.0228	0.0250	-8.7	20.0
4-Isopropyltoluene	Ave	2.219	1.957		0.0220	0.0250	-11.8	20.0
1,4-Dichlorobenzene	Ave	1.378	1.207	0.5000	0.0219	0.0250	-12.4	20.0
n-Butylbenzene	Ave	1.736	1.520		0.0219	0.0250	-12.4	20.0
1,2-Dichlorobenzene	Ave	1.248	1.123	0.4000	0.0225	0.0250	-10.0	20.0
1,2-Dibromo-3-Chloropropane	Qua		0.0813	0.0500	0.0224	0.0250	-10.3	20.0
1,2,4-Trichlorobenzene	Qua		0.5023	0.2000	0.0201	0.0250	-19.6	20.0
Hexachlorobutadiene	Qua		0.2222		0.0234	0.0250	-6.5	20.0
Naphthalene	Qua		1.209		0.0202	0.0250	-19.4	20.0
1,2,3-Trichlorobenzene	Qua		0.4109		0.0210	0.0250	-15.9	20.0
Dibromofluoromethane (Surr)	Qua		0.2680		0.0495	0.0500	-1.1	20.0
1,2-Dichloroethane-d4 (Surr)	Qua		0.3434		0.0486	0.0500	-2.8	20.0
Toluene-d8 (Surr)	Qua		1.369		0.0491	0.0500	-1.8	20.0
4-Bromofluorobenzene (Surr)	Qua		0.4692		0.0489	0.0500	-2.2	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82351.D
Lims ID: ICV Client ID:
Inject. Date: 11-Dec-2012 09:05:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015698-018
Misc. Info.: M21211A,8260SUX8,,402279 =M21211A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 17
Lims Batch ID: 68080 Lims Sample ID: 18
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\8260_8.m
Last Update: 11-Dec-2012 21:45:31 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK003

First Level Reviewer: latat Date: 11-Dec-2012 20:42:22

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.146	5.156	-0.010	99	1689052	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.676	0.001	97	1199322	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.876	0.002	99	581177	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.624	0.002	59	452682	49.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.885	0.001	96	579999	48.6	
$ 7 Toluene-d8 (Surr)	98	6.424	6.422	0.002	95	1641735	49.1	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.753	0.001	93	562739	48.9	
12 Dichlorodifluoromethane	85	1.574	1.584	-0.010	97	125775	22.7	
13 Chloromethane	50	1.751	1.750	0.001	100	244876	23.1	
14 Vinyl chloride	62	1.870	1.868	0.002	99	148552	23.9	
15 Bromomethane	94	2.189	2.188	0.001	89	61638	22.9	
16 Chloroethane	64	2.284	2.282	0.002	94	79506	21.7	
18 Trichlorofluoromethane	101	2.508	2.507	0.001	96	181455	24.9	
19 Ethyl ether	59	2.733	2.743	-0.010	94	213044	25.6	
20 Acrolein	56	2.840	2.838	0.002	91	105819	56.7	
21 1,1-Dichloroethene	96	2.922	2.933	-0.011	94	142184	25.6	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.946	2.945	0.001	88	124481	25.6	
22 Acetone	43	2.958	2.957	0.001	96	249836	55.1	
24 Iodomethane	142	3.053	3.051	0.001	98	291983	26.2	
26 Carbon disulfide	76	3.112	3.110	0.002	98	391043	24.1	
27 Acetonitrile	41	3.171	3.169	0.002	100	122234	67.8	
28 Methyl acetate	43	3.218	3.217	0.001	97	259224	23.3	
30 Methylene Chloride	84	3.301	3.300	0.001	91	200895	25.0	
31 2-Methyl-2-propanol	59	3.372	3.382	-0.010	90	340246	415.5	
32 Acrylonitrile	53	3.478	3.477	0.001	97	334906	71.4	
34 Methyl tert-butyl ether	73	3.514	3.524	-0.010	85	477767	24.9	
33 trans-1,2-Dichloroethene	96	3.514	3.524	-0.010	67	163939	25.4	
35 Hexane	86	3.727	3.737	-0.010	94	44463	23.2	
36 1,1-Dichloroethane	63	3.833	3.832	0.001	95	327839	25.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	86	3.857	3.856	0.001	97	33396	23.7	
38 Isopropyl ether	87	3.881	3.879	0.001	96	162708	26.7	
41 2-Butanone (MEK)	43	4.271	4.269	0.002	95	325957	47.3	
42 cis-1,2-Dichloroethene	96	4.271	4.269	0.002	88	189839	25.3	
43 2,2-Dichloropropane	77	4.283	4.281	0.002	73	119851	23.1	
47 Chlorobromomethane	128	4.448	4.459	-0.011	89	101717	23.7	
48 Tetrahydrofuran	42	4.496	4.494	0.002	90	102518	23.9	
49 Chloroform	83	4.507	4.506	0.001	98	290972	24.2	
50 1,1,1-Trichloroethane	97	4.661	4.672	-0.011	91	222068	23.4	
51 Cyclohexane	56	4.720	4.719	0.001	97	359501	23.2	
52 1,1-Dichloropropene	75	4.791	4.790	0.001	80	204124	24.2	
53 Carbon tetrachloride	117	4.803	4.802	0.001	89	204398	22.8	
54 Isobutyl alcohol	41	4.815	4.813	0.002	93	503567	1164.2	
56 1,2-Dichloroethane	62	4.945	4.944	0.001	62	303094	24.6	
55 Benzene	78	4.945	4.944	0.001	91	636749	25.2	
60 Trichloroethene	130	5.442	5.441	0.001	92	192769	24.9	
63 Methylcyclohexane	83	5.607	5.606	0.001	91	262567	22.5	
62 1,2-Dichloropropane	63	5.619	5.618	0.001	88	181604	25.0	
65 Dibromomethane	93	5.714	5.713	0.001	81	107060	25.9	
67 Dichlorobromomethane	83	5.820	5.819	0.001	95	203577	25.1	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.187	6.186	0.001	79	212820	22.8	
71 4-Methyl-2-pentanone (MIBK)	43	6.294	6.304	-0.010	98	595695	48.2	
72 Toluene	91	6.483	6.481	0.002	93	686865	23.7	
73 trans-1,3-Dichloropropene	75	6.637	6.635	0.002	84	182834	21.3	
75 1,1,2-Trichloroethane	97	6.802	6.801	0.001	95	144522	24.1	
76 1,3-Dichloropropane	76	6.956	6.955	0.001	88	244958	24.4	
77 Tetrachloroethene	164	6.956	6.955	0.001	81	145220	24.2	
78 2-Hexanone	43	7.003	7.002	0.001	97	399733	46.5	
79 Chlorodibromomethane	129	7.157	7.156	0.001	89	154826	21.7	
123 Ethylene Dibromide	107	7.275	7.274	0.001	98	149243	23.8	
82 Chlorobenzene	112	7.713	7.712	0.001	92	465681	23.1	
83 1,1,1,2-Tetrachloroethane	131	7.772	7.771	0.001	83	157225	24.1	
84 Ethylbenzene	106	7.796	7.794	0.002	98	235513	23.8	
10 m-Xylene & p-Xylene	106	7.902	7.901	0.001	98	573333	47.9	
85 o-Xylene	106	8.269	8.268	0.001	88	275336	24.3	
86 Styrene	104	8.281	8.279	0.002	91	470458	24.4	
87 Bromoform	173	8.458	8.457	0.001	97	87568	22.3	
88 Isopropylbenzene	105	8.612	8.611	0.001	96	702098	23.8	
89 Cyclohexanone	55	8.695	8.693	0.002	95	169192	77.6	
90 1,1,2,2-Tetrachloroethane	83	8.872	8.871	0.001	82	152982	22.7	
91 Bromobenzene	156	8.919	8.918	0.001	79	203603	23.9	
92 1,2,3-Trichloropropane	110	8.931	8.930	0.001	77	64414	25.3	
93 trans-1,4-Dichloro-2-butene	53	8.931	8.930	0.001	76	142252	47.3	
94 N-Propylbenzene	120	9.002	9.001	0.001	98	194210	23.2	
95 2-Chlorotoluene	126	9.097	9.096	0.001	97	168966	23.1	
96 1,3,5-Trimethylbenzene	105	9.168	9.167	0.002	93	541625	23.0	
104 4-Chlorotoluene	126	9.192	9.190	0.002	98	176682	23.3	
97 tert-Butylbenzene	119	9.487	9.486	0.001	91	507514	22.9	
98 1,2,4-Trimethylbenzene	105	9.535	9.533	0.002	86	557375	24.4	
99 sec-Butylbenzene	105	9.700	9.699	0.001	94	660195	22.8	
100 1,3-Dichlorobenzene	146	9.818	9.817	0.001	96	348656	22.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
101 4-Isopropyltoluene	119	9.842	9.841	0.001	95	568615	22.0	
102 1,4-Dichlorobenzene	146	9.901	9.900	0.001	93	350873	21.9	
103 1,2,3-Trimethylbenzene	105	9.949	9.947	0.002	89	527832	22.7	
105 n-Butylbenzene	91	10.244	10.243	0.001	96	441674	21.9	
106 1,2-Dichlorobenzene	146	10.268	10.267	0.001	97	326302	22.5	
107 1,2-Dibromo-3-Chloropropane	157	11.025	11.024	0.001	61	23628	22.4	
109 1,2,4-Trichlorobenzene	180	11.853	11.863	-0.010	93	145970	20.1	
110 Hexachlorobutadiene	225	12.030	12.029	0.001	93	64572	23.4	
111 Naphthalene	128	12.101	12.100	0.001	96	351273	20.2	
112 1,2,3-Trichlorobenzene	180	12.362	12.360	0.002	95	119392	21.0	
S 136 Trihalomethanes, Total	1				0		93.3	
S 11 1,2-Dichloroethene, Total	96				0		50.7	
S 114 Xylenes, Total	106				0		72.2	

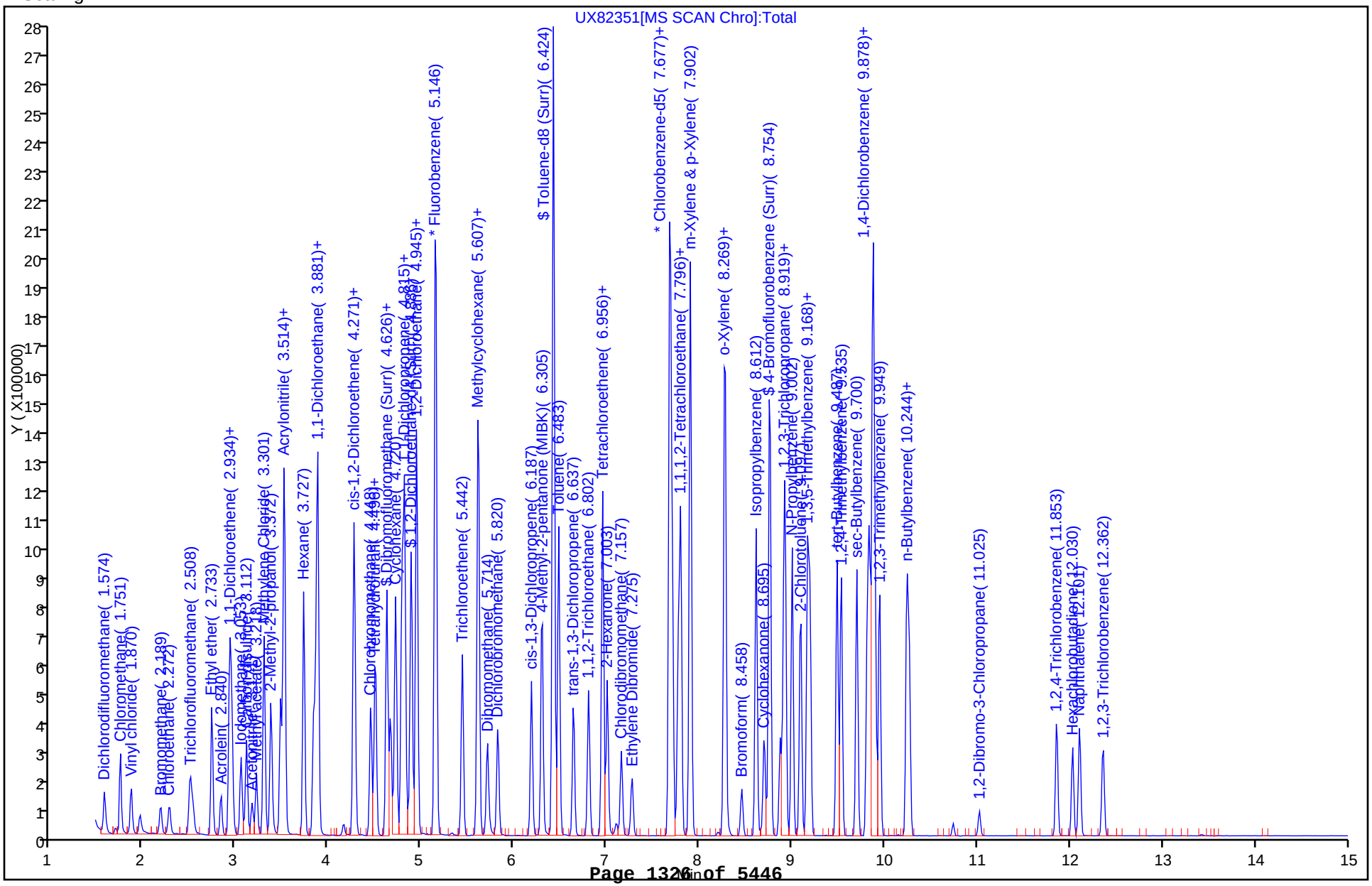
Report Date: 11-Dec-2012 21:45:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82351.D

Injection Date:	11-Dec-2012 09:05:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68080	Lims Sample ID:	18
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-68080/18 Calibration Date: 12/11/2012 09:05

Instrument ID: A3UX8 Calib Start Date: 12/11/2012 06:37

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/11/2012 08:23

Lab File ID: UX82351.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Cyclohexanone	Ave	0.0909	0.0141		0.0776	0.500	-84.5*	20.0
1,2,3-Trimethylbenzene	Ave	2.002	1.816		0.0227	0.0250	-9.3	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82351.D
Lims ID: ICV Client ID:
Inject. Date: 11-Dec-2012 09:05:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015698-018
Misc. Info.: M21211A,8260SUX8,,402279 =M21211A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 17
Lims Batch ID: 68080 Lims Sample ID: 18
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\8260_8.m
Last Update: 11-Dec-2012 21:45:31 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK003

First Level Reviewer: latat Date: 11-Dec-2012 20:42:22

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.146	5.156	-0.010	99	1689052	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.676	0.001	97	1199322	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.876	0.002	99	581177	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.624	0.002	59	452682	49.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.885	0.001	96	579999	48.6	
$ 7 Toluene-d8 (Surr)	98	6.424	6.422	0.002	95	1641735	49.1	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.753	0.001	93	562739	48.9	
12 Dichlorodifluoromethane	85	1.574	1.584	-0.010	97	125775	22.7	
13 Chloromethane	50	1.751	1.750	0.001	100	244876	23.1	
14 Vinyl chloride	62	1.870	1.868	0.002	99	148552	23.9	
15 Bromomethane	94	2.189	2.188	0.001	89	61638	22.9	
16 Chloroethane	64	2.284	2.282	0.002	94	79506	21.7	
18 Trichlorofluoromethane	101	2.508	2.507	0.001	96	181455	24.9	
19 Ethyl ether	59	2.733	2.743	-0.010	94	213044	25.6	
20 Acrolein	56	2.840	2.838	0.002	91	105819	56.7	
21 1,1-Dichloroethene	96	2.922	2.933	-0.011	94	142184	25.6	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.946	2.945	0.001	88	124481	25.6	
22 Acetone	43	2.958	2.957	0.001	96	249836	55.1	
24 Iodomethane	142	3.053	3.051	0.001	98	291983	26.2	
26 Carbon disulfide	76	3.112	3.110	0.002	98	391043	24.1	
27 Acetonitrile	41	3.171	3.169	0.002	100	122234	67.8	
28 Methyl acetate	43	3.218	3.217	0.001	97	259224	23.3	
30 Methylene Chloride	84	3.301	3.300	0.001	91	200895	25.0	
31 2-Methyl-2-propanol	59	3.372	3.382	-0.010	90	340246	415.5	
32 Acrylonitrile	53	3.478	3.477	0.001	97	334906	71.4	
34 Methyl tert-butyl ether	73	3.514	3.524	-0.010	85	477767	24.9	
33 trans-1,2-Dichloroethene	96	3.514	3.524	-0.010	67	163939	25.4	
35 Hexane	86	3.727	3.737	-0.010	94	44463	23.2	
36 1,1-Dichloroethane	63	3.833	3.832	0.001	95	327839	25.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	86	3.857	3.856	0.001	97	33396	23.7	
38 Isopropyl ether	87	3.881	3.879	0.001	96	162708	26.7	
41 2-Butanone (MEK)	43	4.271	4.269	0.002	95	325957	47.3	
42 cis-1,2-Dichloroethene	96	4.271	4.269	0.002	88	189839	25.3	
43 2,2-Dichloropropane	77	4.283	4.281	0.002	73	119851	23.1	
47 Chlorobromomethane	128	4.448	4.459	-0.011	89	101717	23.7	
48 Tetrahydrofuran	42	4.496	4.494	0.002	90	102518	23.9	
49 Chloroform	83	4.507	4.506	0.001	98	290972	24.2	
50 1,1,1-Trichloroethane	97	4.661	4.672	-0.011	91	222068	23.4	
51 Cyclohexane	56	4.720	4.719	0.001	97	359501	23.2	
52 1,1-Dichloropropene	75	4.791	4.790	0.001	80	204124	24.2	
53 Carbon tetrachloride	117	4.803	4.802	0.001	89	204398	22.8	
54 Isobutyl alcohol	41	4.815	4.813	0.002	93	503567	1164.2	
56 1,2-Dichloroethane	62	4.945	4.944	0.001	62	303094	24.6	
55 Benzene	78	4.945	4.944	0.001	91	636749	25.2	
60 Trichloroethene	130	5.442	5.441	0.001	92	192769	24.9	
63 Methylcyclohexane	83	5.607	5.606	0.001	91	262567	22.5	
62 1,2-Dichloropropane	63	5.619	5.618	0.001	88	181604	25.0	
65 Dibromomethane	93	5.714	5.713	0.001	81	107060	25.9	
67 Dichlorobromomethane	83	5.820	5.819	0.001	95	203577	25.1	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.187	6.186	0.001	79	212820	22.8	
71 4-Methyl-2-pentanone (MIBK)	43	6.294	6.304	-0.010	98	595695	48.2	
72 Toluene	91	6.483	6.481	0.002	93	686865	23.7	
73 trans-1,3-Dichloropropene	75	6.637	6.635	0.002	84	182834	21.3	
75 1,1,2-Trichloroethane	97	6.802	6.801	0.001	95	144522	24.1	
76 1,3-Dichloropropane	76	6.956	6.955	0.001	88	244958	24.4	
77 Tetrachloroethene	164	6.956	6.955	0.001	81	145220	24.2	
78 2-Hexanone	43	7.003	7.002	0.001	97	399733	46.5	
79 Chlorodibromomethane	129	7.157	7.156	0.001	89	154826	21.7	
123 Ethylene Dibromide	107	7.275	7.274	0.001	98	149243	23.8	
82 Chlorobenzene	112	7.713	7.712	0.001	92	465681	23.1	
83 1,1,1,2-Tetrachloroethane	131	7.772	7.771	0.001	83	157225	24.1	
84 Ethylbenzene	106	7.796	7.794	0.002	98	235513	23.8	
10 m-Xylene & p-Xylene	106	7.902	7.901	0.001	98	573333	47.9	
85 o-Xylene	106	8.269	8.268	0.001	88	275336	24.3	
86 Styrene	104	8.281	8.279	0.002	91	470458	24.4	
87 Bromoform	173	8.458	8.457	0.001	97	87568	22.3	
88 Isopropylbenzene	105	8.612	8.611	0.001	96	702098	23.8	
89 Cyclohexanone	55	8.695	8.693	0.002	95	169192	77.6	
90 1,1,2,2-Tetrachloroethane	83	8.872	8.871	0.001	82	152982	22.7	
91 Bromobenzene	156	8.919	8.918	0.001	79	203603	23.9	
92 1,2,3-Trichloropropane	110	8.931	8.930	0.001	77	64414	25.3	
93 trans-1,4-Dichloro-2-butene	53	8.931	8.930	0.001	76	142252	47.3	
94 N-Propylbenzene	120	9.002	9.001	0.001	98	194210	23.2	
95 2-Chlorotoluene	126	9.097	9.096	0.001	97	168966	23.1	
96 1,3,5-Trimethylbenzene	105	9.168	9.167	0.002	93	541625	23.0	
104 4-Chlorotoluene	126	9.192	9.190	0.002	98	176682	23.3	
97 tert-Butylbenzene	119	9.487	9.486	0.001	91	507514	22.9	
98 1,2,4-Trimethylbenzene	105	9.535	9.533	0.002	86	557375	24.4	
99 sec-Butylbenzene	105	9.700	9.699	0.001	94	660195	22.8	
100 1,3-Dichlorobenzene	146	9.818	9.817	0.001	96	348656	22.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
101 4-Isopropyltoluene	119	9.842	9.841	0.001	95	568615	22.0	
102 1,4-Dichlorobenzene	146	9.901	9.900	0.001	93	350873	21.9	
103 1,2,3-Trimethylbenzene	105	9.949	9.947	0.002	89	527832	22.7	
105 n-Butylbenzene	91	10.244	10.243	0.001	96	441674	21.9	
106 1,2-Dichlorobenzene	146	10.268	10.267	0.001	97	326302	22.5	
107 1,2-Dibromo-3-Chloropropane	157	11.025	11.024	0.001	61	23628	22.4	
109 1,2,4-Trichlorobenzene	180	11.853	11.863	-0.010	93	145970	20.1	
110 Hexachlorobutadiene	225	12.030	12.029	0.001	93	64572	23.4	
111 Naphthalene	128	12.101	12.100	0.001	96	351273	20.2	
112 1,2,3-Trichlorobenzene	180	12.362	12.360	0.002	95	119392	21.0	
S 136 Trihalomethanes, Total	1				0		93.3	
S 11 1,2-Dichloroethene, Total	96				0		50.7	
S 114 Xylenes, Total	106				0		72.2	

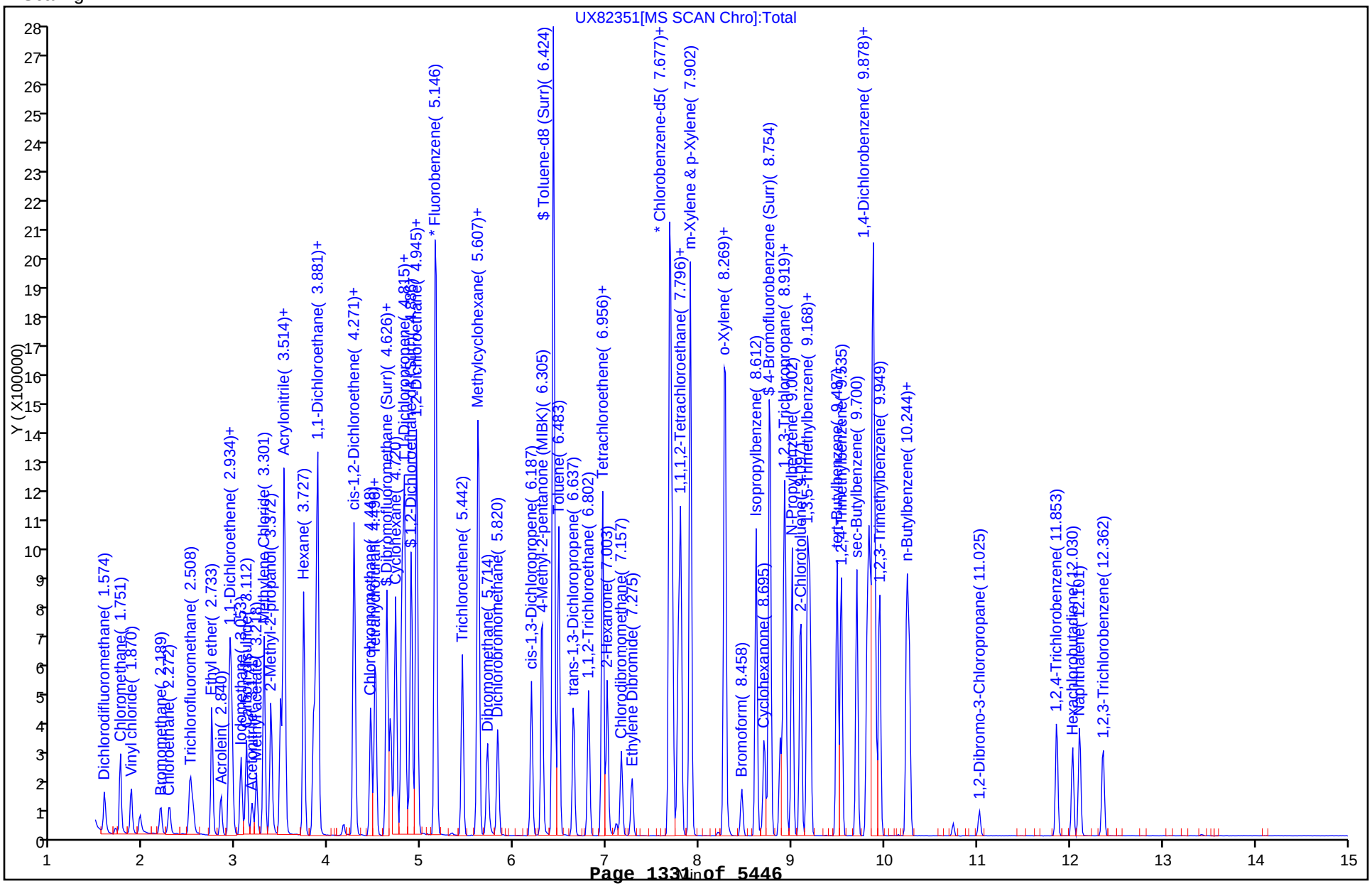
Report Date: 11-Dec-2012 21:45:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82351.D

Injection Date:	11-Dec-2012 09:05:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68080	Lims Sample ID:	18
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68663/3 Calibration Date: 12/13/2012 23:10

Instrument ID: A3UX8 Calib Start Date: 12/11/2012 03:47

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/11/2012 06:15

Lab File ID: UX82424.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1640	0.1657	0.1000	0.0202	0.0200	1.0	20.0
Chloromethane	Ave	0.3145	0.3034	0.1000	0.0193	0.0200	-3.5	20.0
Vinyl chloride	Ave	0.1837	0.1938	0.1000	0.0211	0.0200	5.5	20.0
Chloroethane	Qua		0.1161	0.0500	0.0214	0.0200	7.2	20.0
Trichlorofluoromethane	Ave	0.2159	0.2508	0.1000	0.0232	0.0200	16.1	20.0
1,1-Dichloroethene	Ave	0.1643	0.1496	0.1000	0.0182	0.0200	-9.0	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1437	0.1389	0.0500	0.0193	0.0200	-3.4	20.0
Acetone	Qua		0.1225	0.0500	0.0334	0.0400	-16.5	20.0
Iodomethane	Ave	0.3295	0.2951		0.0179	0.0200	-10.4	20.0
Carbon disulfide	Ave	0.4806	0.4250	0.1000	0.0177	0.0200	-11.6	20.0
Methyl acetate	Ave	0.3287	0.2657	0.1000	0.0323	0.0400	-19.2	20.0
Methylene Chloride	Lin1		0.2307	0.1000	0.0187	0.0200	-6.7	20.0
Methyl tert-butyl ether	Ave	0.5669	0.4743	0.1000	0.0167	0.0200	-16.3	20.0
trans-1,2-Dichloroethene	Ave	0.1909	0.1907	0.1000	0.0200	0.0200	-0.1	20.0
1,1-Dichloroethane	Ave	0.3794	0.3483	0.1000	0.0184	0.0200	-8.2	20.0
cis-1,2-Dichloroethene	Ave	0.2222	0.2074	0.1000	0.0187	0.0200	-6.7	20.0
2,2-Dichloropropane	Ave	0.1537	0.1452		0.0189	0.0200	-5.5	20.0
Chlorobromomethane	Ave	0.1272	0.1152		0.0181	0.0200	-9.4	20.0
Chloroform	Ave	0.3555	0.3358	0.2000	0.0189	0.0200	-5.5	20.0
1,1,1-Trichloroethane	Ave	0.2805	0.2633	0.1000	0.0188	0.0200	-6.2	20.0
Cyclohexane	Ave	0.4595	0.3958	0.1000	0.0172	0.0200	-13.9	20.0
1,1-Dichloropropene	Ave	0.2497	0.2383		0.0191	0.0200	-4.6	20.0
Carbon tetrachloride	Ave	0.2652	0.2435	0.1000	0.0184	0.0200	-8.2	20.0
1,2-Dichloroethane	Ave	0.3654	0.3236	0.1000	0.0177	0.0200	-11.4	20.0
Benzene	Ave	0.7479	0.7356	0.5000	0.0197	0.0200	-1.6	20.0
Trichloroethene	Ave	0.2295	0.2250	0.2000	0.0196	0.0200	-2.0	20.0
Methylcyclohexane	Ave	0.3451	0.3214	0.1000	0.0186	0.0200	-6.9	20.0
1,2-Dichloropropane	Ave	0.2148	0.1942	0.1000	0.0181	0.0200	-9.6	20.0
Dibromomethane	Ave	0.1226	0.1141		0.0186	0.0200	-6.9	20.0
Dichlorobromomethane	Ave	0.2399	0.2317	0.1000	0.0193	0.0200	-3.4	20.0
cis-1,3-Dichloropropene	Ave	0.2766	0.2322	0.1500	0.0168	0.0200	-16.1	20.0
Toluene	Ave	1.206	1.159	0.4000	0.0192	0.0200	-3.9	20.0
trans-1,3-Dichloropropene	Qua		0.2832	0.1000	0.0163	0.0200	-18.5	20.0
1,1,2-Trichloroethane	Ave	0.2499	0.2325	0.1000	0.0186	0.0200	-7.0	20.0
1,3-Dichloropropane	Ave	0.4189	0.3750		0.0179	0.0200	-10.5	20.0
Tetrachloroethene	Ave	0.2504	0.2462	0.2000	0.0197	0.0200	-1.7	20.0
Chlorodibromomethane	Qua		0.2542		0.0174	0.0200	-13.0	20.0
Ethylene Dibromide	Ave	0.2618	0.2246		0.0172	0.0200	-14.2	20.0
Chlorobenzene	Ave	0.8399	0.7955	0.3000	0.0189	0.0200	-5.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2719	0.2600		0.0191	0.0200	-4.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68663/3 Calibration Date: 12/13/2012 23:10

Instrument ID: A3UX8 Calib Start Date: 12/11/2012 03:47

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/11/2012 06:15

Lab File ID: UX82424.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.4117	0.4163		0.0202	0.0200	1.1	20.0
m-Xylene & p-Xylene	Ave	0.4992	0.4974		0.0399	0.0400	-0.4	20.0
o-Xylene	Ave	0.4721	0.4646		0.0197	0.0200	-1.6	20.0
Styrene	Ave	0.8036	0.7812	0.3000	0.0194	0.0200	-2.8	20.0
Bromoform	Qua		0.1357	0.1000	0.0170	0.0200	-15.1	20.0
Isopropylbenzene	Ave	1.227	1.221	0.1000	0.0199	0.0200	-0.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5791	0.5164	0.3000	0.0178	0.0200	-10.8	20.0
Bromobenzene	Ave	0.7330	0.6912		0.0189	0.0200	-5.7	20.0
1,2,3-Trichloropropane	Ave	0.2187	0.2054		0.0188	0.0200	-6.1	20.0
N-Propylbenzene	Ave	0.7217	0.6969		0.0193	0.0200	-3.4	20.0
2-Chlorotoluene	Ave	0.6306	0.6228		0.0198	0.0200	-1.2	20.0
1,3,5-Trimethylbenzene	Ave	2.022	1.997		0.0198	0.0200	-1.2	20.0
4-Chlorotoluene	Ave	0.6521	0.6445		0.0198	0.0200	-1.2	20.0
tert-Butylbenzene	Ave	1.908	1.836		0.0192	0.0200	-3.8	20.0
1,2,4-Trimethylbenzene	Ave	1.968	1.975		0.0201	0.0200	0.4	20.0
sec-Butylbenzene	Ave	2.492	2.445		0.0196	0.0200	-1.9	20.0
1,3-Dichlorobenzene	Ave	1.314	1.230	0.6000	0.0187	0.0200	-6.3	20.0
4-Isopropyltoluene	Ave	2.219	2.051		0.0185	0.0200	-7.6	20.0
1,4-Dichlorobenzene	Ave	1.378	1.239	0.5000	0.0180	0.0200	-10.1	20.0
n-Butylbenzene	Ave	1.736	1.597		0.0184	0.0200	-8.0	20.0
1,2-Dichlorobenzene	Ave	1.248	1.079	0.4000	0.0173	0.0200	-13.6	20.0
Hexachlorobutadiene	Qua		0.2434		0.0202	0.0200	1.1	20.0
Dibromofluoromethane (Surr)	Qua		0.2653		0.0488	0.0500	-2.4	20.0
1,2-Dichloroethane-d4 (Surr)	Qua		0.3271		0.0456	0.0500	-8.8	20.0
Toluene-d8 (Surr)	Qua		1.375		0.0494	0.0500	-1.3	20.0
4-Bromofluorobenzene (Surr)	Qua		0.4597		0.0476	0.0500	-4.9	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82424.D
Lims ID: CCVIS Client ID:
Inject. Date: 13-Dec-2012 23:10:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0015834-003
Misc. Info.: M21213A,8260SUX8,,402279 =M21213A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 68663 Lims Sample ID: 3
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\8260_8.m
Last Update: 18-Dec-2012 01:32:09 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 13-Dec-2012 23:43:11

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.145	5.145	0.0	99	1811164	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.677	0.0	98	1306960	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.877	0.0	99	625141	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.625	0.0	58	480498	48.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.885	4.885	0.0	95	592361	45.6	
$ 7 Toluene-d8 (Surr)	98	6.423	6.423	0.0	94	1796824	49.4	
$ 131 4-Bromofluorobenzene (Surr)	95	8.753	8.753	0.0	92	600721	47.6	
12 Dichlorodifluoromethane	85	1.573	1.573	0.0	96	120020	20.2	
13 Chloromethane	50	1.750	1.750	0.0	100	219793	19.3	
14 Vinyl chloride	62	1.869	1.869	0.0	99	140423	21.1	
15 Bromomethane	94	2.176	2.176	0.0	91	79003	27.9	
16 Chloroethane	64	2.271	2.271	0.0	94	84088	21.4	
18 Trichlorofluoromethane	101	2.508	2.508	0.0	96	181688	23.2	
20 Acrolein	56	2.839	2.839	0.0	95	302869	151.2	
21 1,1-Dichloroethene	96	2.922	2.922	0.0	96	108342	18.2	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.945	2.945	0.0	89	100601	19.3	
22 Acetone	43	2.957	2.957	0.0	96	177435	33.4	
24 Iodomethane	142	3.052	3.052	0.0	99	213750	17.9	
26 Carbon disulfide	76	3.111	3.111	0.0	98	307925	17.7	
27 Acetonitrile	41	3.170	3.170	0.0	100	313993	162.4	
28 Methyl acetate	43	3.217	3.217	0.0	98	384919	32.3	
30 Methylene Chloride	84	3.300	3.300	0.0	93	167160	18.7	
31 2-Methyl-2-propanol	59	3.371	3.371	0.0	88	234636	267.2	
32 Acrylonitrile	53	3.477	3.477	0.0	96	163870	32.6	
34 Methyl tert-butyl ether	73	3.513	3.513	0.0	84	343580	16.7	
33 trans-1,2-Dichloroethene	96	3.513	3.513	0.0	72	138172	20.0	
35 Hexane	86	3.726	3.726	0.0	95	35620	17.3	
36 1,1-Dichloroethane	63	3.832	3.832	0.0	98	252352	18.4	
37 Vinyl acetate	86	3.856	3.856	0.0	97	23840	15.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
41 2-Butanone (MEK)	43	4.270	4.270	0.0	97	228292	30.9	
42 cis-1,2-Dichloroethene	96	4.270	4.270	0.0	88	150235	18.7	
43 2,2-Dichloropropane	77	4.282	4.282	0.0	71	105181	18.9	
47 Chlorobromomethane	128	4.447	4.447	0.0	88	83465	18.1	
48 Tetrahydrofuran	42	4.495	4.495	0.0	88	65690	14.3	
49 Chloroform	83	4.507	4.507	0.0	74	243280	18.9	
50 1,1,1-Trichloroethane	97	4.660	4.660	0.0	91	190716	18.8	
51 Cyclohexane	56	4.719	4.719	0.0	97	286762	17.2	
52 1,1-Dichloropropene	75	4.790	4.790	0.0	80	172656	19.1	
53 Carbon tetrachloride	117	4.802	4.802	0.0	89	176431	18.4	
56 1,2-Dichloroethane	62	4.944	4.944	0.0	60	234416	17.7	
55 Benzene	78	4.944	4.944	0.0	93	532884	19.7	
60 Trichloroethene	130	5.441	5.441	0.0	92	163000	19.6	
63 Methylcyclohexane	83	5.607	5.607	0.0	90	232851	18.6	
62 1,2-Dichloropropane	63	5.618	5.618	0.0	84	140672	18.1	
65 Dibromomethane	93	5.713	5.713	0.0	83	82663	18.6	
66 1,4-Dioxane	88	5.713	5.713	0.0	65	66430	785.3	
67 Dichlorobromomethane	83	5.820	5.820	0.0	89	167842	19.3	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.186	6.186	0.0	80	168232	16.8	
71 4-Methyl-2-pentanone (MIBK)	43	6.304	6.304	0.0	98	396992	30.0	
72 Toluene	91	6.482	6.482	0.0	92	606107	19.2	
73 trans-1,3-Dichloropropene	75	6.636	6.636	0.0	90	148028	16.3	
74 Ethyl methacrylate	69	6.707	6.707	0.0	88	145818	15.6	
75 1,1,2-Trichloroethane	97	6.801	6.801	0.0	93	121548	18.6	
76 1,3-Dichloropropane	76	6.955	6.955	0.0	91	196016	17.9	
77 Tetrachloroethene	164	6.955	6.955	0.0	87	128712	19.7	
78 2-Hexanone	43	7.002	7.002	0.0	96	266838	28.5	
79 Chlorodibromomethane	129	7.156	7.156	0.0	89	132876	17.4	
123 Ethylene Dibromide	107	7.274	7.274	0.0	95	117410	17.2	
82 Chlorobenzene	112	7.712	7.712	0.0	90	415866	18.9	
83 1,1,1,2-Tetrachloroethane	131	7.771	7.771	0.0	83	135898	19.1	
84 Ethylbenzene	106	7.795	7.795	0.0	98	217613	20.2	
10 m-Xylene & p-Xylene	106	7.901	7.901	0.0	98	520108	39.9	
85 o-Xylene	106	8.268	8.268	0.0	88	242908	19.7	
86 Styrene	104	8.280	8.280	0.0	90	408374	19.4	
87 Bromoform	173	8.457	8.457	0.0	95	70930	17.0	
88 Isopropylbenzene	105	8.611	8.611	0.0	96	638126	19.9	
90 1,1,2,2-Tetrachloroethane	83	8.871	8.871	0.0	87	129123	17.8	
91 Bromobenzene	156	8.907	8.907	0.0	88	172827	18.9	
92 1,2,3-Trichloropropane	110	8.930	8.930	0.0	84	51355	18.8	
93 trans-1,4-Dichloro-2-butene	53	8.930	8.930	0.0	70	52575	16.2	
94 N-Propylbenzene	120	9.001	9.001	0.0	98	174254	19.3	
95 2-Chlorotoluene	126	9.096	9.096	0.0	97	155735	19.8	
96 1,3,5-Trimethylbenzene	105	9.167	9.167	0.0	93	499424	19.8	
104 4-Chlorotoluene	126	9.191	9.191	0.0	98	161149	19.8	
97 tert-Butylbenzene	119	9.486	9.486	0.0	91	459074	19.2	
98 1,2,4-Trimethylbenzene	105	9.534	9.534	0.0	85	493975	20.1	
99 sec-Butylbenzene	105	9.699	9.699	0.0	93	611302	19.6	
100 1,3-Dichlorobenzene	146	9.818	9.818	0.0	96	307626	18.7	
101 4-Isopropyltoluene	119	9.841	9.841	0.0	91	512940	18.5	
102 1,4-Dichlorobenzene	146	9.900	9.900	0.0	93	309796	18.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	10.232	10.232	0.0	97	399229	18.4	
106 1,2-Dichlorobenzene	146	10.267	10.267	0.0	98	269779	17.3	
107 1,2-Dibromo-3-Chloropropane	157	11.024	11.024	0.0	49	15537	14.0	
108 1,3,5-Trichlorobenzene	180	11.249	11.249	0.0	98	157607	15.9	
109 1,2,4-Trichlorobenzene	180	11.852	11.852	0.0	94	116774	14.8	
110 Hexachlorobutadiene	225	12.029	12.029	0.0	91	60874	20.2	
111 Naphthalene	128	12.100	12.100	0.0	96	213003	11.7	
112 1,2,3-Trichlorobenzene	180	12.361	12.361	0.0	93	89742	14.3	
S 136 Trihalomethanes, Total	1				0		72.6	
S 11 1,2-Dichloroethene, Total	96				0		38.6	
S 9 1,3-Dichloropropene, Total	75				0		33.1	
S 114 Xylenes, Total	106				0		59.5	

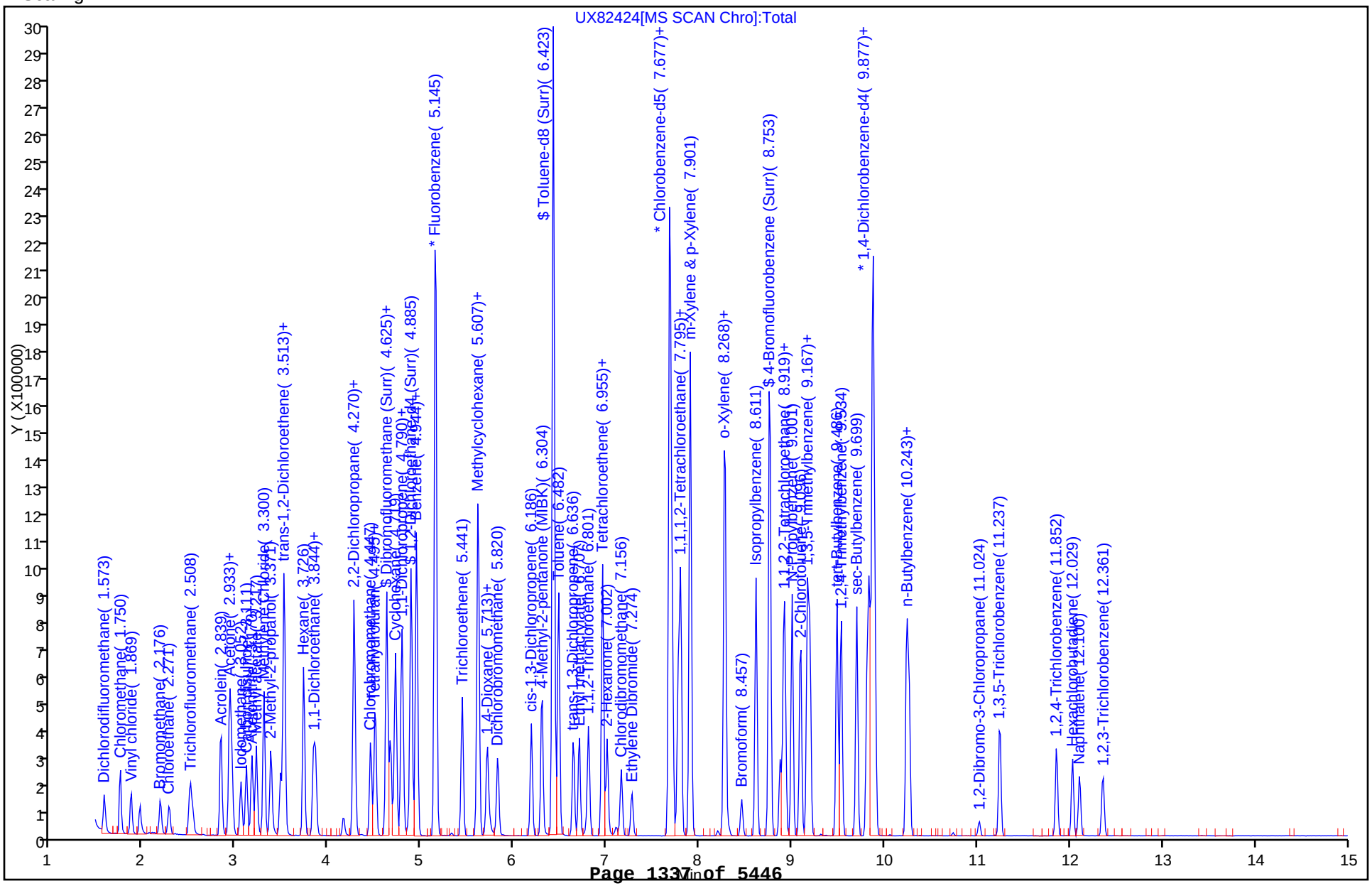
Report Date: 18-Dec-2012 01:32:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82424.D

Injection Date:	13-Dec-2012 23:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68663	Lims Sample ID:	3
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-68830/12 Calibration Date: 12/15/2012 00:50

Instrument ID: A3UX8 Calib Start Date: 12/11/2012 06:37

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/11/2012 08:23

Lab File ID: UX82465.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trimethylbenzene	Ave	2.002	2.089		0.0261	0.0250	4.3	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82465.D
Lims ID: ICV Client ID:
Inject. Date: 15-Dec-2012 00:50:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015873-012
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 11
Lims Batch ID: 68830 Lims Sample ID: 12
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 14:27:33 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

First Level Reviewer: latat Date: 15-Dec-2012 01:14:27

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.158	-0.002	99	1642552	50.0	
* 2 Chlorobenzene-d5	117	7.676	7.678	-0.002	98	1158331	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.878	-0.002	99	577663	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.626	-0.002	58	420167	51.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.886	-0.002	96	514372	50.5	
$ 7 Toluene-d8 (Surr)	98	6.422	6.424	-0.002	94	1497827	52.0	
$ 131 4-Bromofluorobenzene (Surr)	95	8.752	8.754	-0.002	93	513821	51.7	
12 Dichlorodifluoromethane	85	1.572	1.574	-0.002	96	124892	21.7	
13 Chloromethane	50	1.750	1.752	-0.002	100	249273	24.5	
14 Vinyl chloride	62	1.868	1.870	-0.002	98	152140	24.2	
15 Bromomethane	94	2.187	2.177	0.010	91	74414	21.0	
16 Chloroethane	64	2.282	2.272	0.010	95	93302	24.3	
18 Trichlorofluoromethane	101	2.507	2.509	-0.002	96	205234	27.1	
19 Ethyl ether	59	2.743	2.734	0.009	95	223038	27.5	
20 Acrolein	56	2.838	2.840	-0.002	94	113642	61.0	
21 1,1-Dichloroethene	96	2.933	2.923	0.010	97	152132	29.0	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.945	2.946	-0.002	90	130946	27.8	
22 Acetone	43	2.956	2.958	-0.002	97	225771	51.6	
24 Iodomethane	142	3.051	3.053	-0.002	99	309850	27.6	
26 Carbon disulfide	76	3.110	3.112	-0.002	98	416585	26.8	
27 Acetonitrile	41	3.169	3.171	-0.002	98	135860	78.0	
28 Methyl acetate	43	3.217	3.218	-0.001	98	260530	25.1	
30 Methylene Chloride	84	3.299	3.301	-0.002	92	206754	28.0	
31 2-Methyl-2-propanol	59	3.370	3.372	-0.002	91	440708	542.6	
32 Acrylonitrile	53	3.477	3.479	-0.002	97	342417	79.7	
34 Methyl tert-butyl ether	73	3.512	3.514	-0.002	84	520466	26.8	
33 trans-1,2-Dichloroethene	96	3.524	3.526	-0.002	68	180751	27.0	
35 Hexane	86	3.725	3.727	-0.002	95	49093	26.6	
36 1,1-Dichloroethane	63	3.832	3.833	-0.001	96	344227	27.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	86	3.855	3.857	-0.002	97	42682	28.7	
38 Isopropyl ether	87	3.879	3.881	-0.002	91	178427	30.1	
42 cis-1,2-Dichloroethene	96	4.269	4.271	-0.002	88	206347	27.0	
41 2-Butanone (MEK)	43	4.269	4.271	-0.002	94	323690	50.0	
43 2,2-Dichloropropane	77	4.281	4.283	-0.002	74	139468	27.4	
47 Chlorobromomethane	128	4.459	4.449	0.011	91	113607	26.0	
48 Tetrahydrofuran	42	4.494	4.496	-0.002	92	104434	26.7	
49 Chloroform	83	4.506	4.508	-0.002	98	313031	26.0	
50 1,1,1-Trichloroethane	97	4.671	4.661	0.010	93	241414	27.1	
51 Cyclohexane	56	4.719	4.721	-0.002	96	368754	26.5	
52 1,1-Dichloropropene	75	4.790	4.792	-0.002	83	223163	26.9	
53 Carbon tetrachloride	117	4.802	4.803	-0.001	85	223308	27.4	
54 Isobutyl alcohol	41	4.813	4.815	-0.002	93	573258	1362.9	
55 Benzene	78	4.944	4.945	-0.001	94	702787	27.3	
56 1,2-Dichloroethane	62	4.944	4.945	-0.001	64	312295	26.6	
60 Trichloroethene	130	5.440	5.442	-0.002	90	202038	25.9	
63 Methylcyclohexane	83	5.606	5.608	-0.002	92	290069	26.3	
62 1,2-Dichloropropane	63	5.618	5.620	-0.002	78	198497	28.0	
65 Dibromomethane	93	5.712	5.714	-0.002	82	116807	28.1	
67 Dichlorobromomethane	83	5.819	5.821	-0.002	95	220327	27.6	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.186	6.187	-0.001	79	222985	25.6	
71 4-Methyl-2-pentanone (MIBK)	43	6.304	6.306	-0.002	98	582195	50.6	
72 Toluene	91	6.481	6.483	-0.002	93	747592	26.1	
73 trans-1,3-Dichloropropene	75	6.647	6.637	0.010	92	198418	23.3	
75 1,1,2-Trichloroethane	97	6.801	6.802	-0.001	96	159528	26.6	
77 Tetrachloroethene	164	6.954	6.956	-0.002	81	157265	25.8	
76 1,3-Dichloropropane	76	6.954	6.956	-0.002	90	265417	27.4	
78 2-Hexanone	43	7.002	7.003	-0.001	97	376057	48.5	
79 Chlorodibromomethane	129	7.155	7.157	-0.002	90	171328	26.0	
123 Ethylene Dibromide	107	7.274	7.276	-0.002	98	163211	27.7	
82 Chlorobenzene	112	7.711	7.713	-0.002	92	517649	26.4	
83 1,1,1,2-Tetrachloroethane	131	7.771	7.772	-0.001	88	175033	27.8	
84 Ethylbenzene	106	7.794	7.796	-0.002	98	259997	26.3	
10 m-Xylene & p-Xylene	106	7.901	7.902	-0.001	98	638882	53.9	
85 o-Xylene	106	8.267	8.269	-0.002	89	313177	27.7	
86 Styrene	104	8.279	8.281	-0.002	88	514728	28.2	
87 Bromoform	173	8.457	8.458	-0.001	96	97289	23.0	
88 Isopropylbenzene	105	8.610	8.612	-0.002	96	774305	27.0	
89 Cyclohexanone	55	8.693	8.695	-0.002	96	201385	95.7	
90 1,1,2,2-Tetrachloroethane	83	8.871	8.872	-0.001	88	174280	26.1	
91 Bromobenzene	156	8.918	8.908	0.010	81	225300	27.0	
92 1,2,3-Trichloropropane	110	8.930	8.920	0.010	76	69708	27.0	
93 trans-1,4-Dichloro-2-butene	53	8.930	8.932	-0.002	77	154117	53.8	
94 N-Propylbenzene	120	9.001	9.002	-0.001	98	223100	28.2	
95 2-Chlorotoluene	126	9.095	9.097	-0.002	97	189523	26.0	
96 1,3,5-Trimethylbenzene	105	9.166	9.168	-0.002	85	616123	26.9	
104 4-Chlorotoluene	126	9.190	9.192	-0.002	97	201199	26.4	
97 tert-Butylbenzene	119	9.486	9.487	-0.001	87	562089	25.8	
98 1,2,4-Trimethylbenzene	105	9.533	9.535	-0.002	85	621387	27.1	
99 sec-Butylbenzene	105	9.699	9.700	-0.001	94	735424	25.7	
100 1,3-Dichlorobenzene	146	9.817	9.819	-0.002	96	392133	25.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
101 4-Isopropyltoluene	119	9.841	9.842	-0.001	90	641552	26.7	
102 1,4-Dichlorobenzene	146	9.900	9.901	-0.001	94	401271	25.0	
103 1,2,3-Trimethylbenzene	105	9.947	9.949	-0.002	88	603256	26.1	
105 n-Butylbenzene	91	10.243	10.233	0.010	97	501018	25.3	
106 1,2-Dichlorobenzene	146	10.266	10.268	-0.002	98	363436	25.1	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.025	-0.002	60	26614	24.7	
109 1,2,4-Trichlorobenzene	180	11.863	11.853	0.010	94	154996	21.0	
110 Hexachlorobutadiene	225	12.029	12.031	-0.002	92	68512	26.4	
111 Naphthalene	128	12.100	12.102	-0.002	96	353782	20.2	
112 1,2,3-Trichlorobenzene	180	12.360	12.362	-0.002	96	125037	23.8	
S 136 Trihalomethanes, Total	1				0		102.6	
S 11 1,2-Dichloroethene, Total	96				0		53.9	
S 114 Xylenes, Total	106				0		81.6	

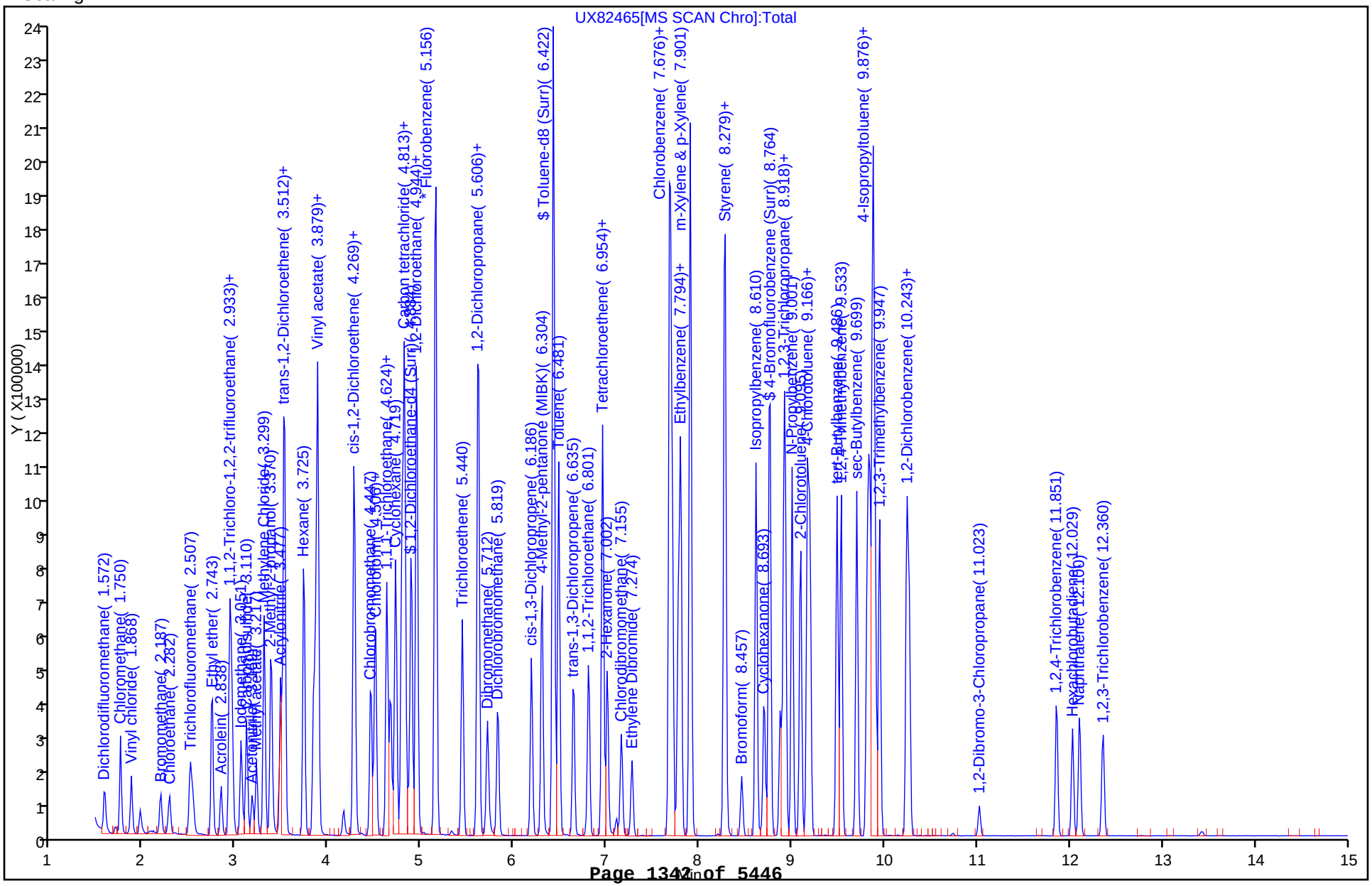
Report Date: 15-Dec-2012 14:27:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82465.D

Injection Date:	15-Dec-2012 00:50:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	12
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-68830/12 Calibration Date: 12/15/2012 00:50

Instrument ID: A3UX8 Calib Start Date: 12/14/2012 21:39

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/15/2012 00:08

Lab File ID: UX82465.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1748	0.1521	0.1000	0.0217	0.0250	-13.0	20.0
Chloromethane	Ave	0.3103	0.3035	0.1000	0.0245	0.0250	-2.2	20.0
Vinyl chloride	Ave	0.1917	0.1853	0.1000	0.0242	0.0250	-3.4	20.0
Bromomethane	Ave	0.1080	0.0906	0.0500	0.0210	0.0250	-16.1	20.0
Chloroethane	Ave	0.1169	0.1136	0.0500	0.0243	0.0250	-2.8	20.0
Trichlorofluoromethane	Ave	0.2302	0.2499	0.1000	0.0271	0.0250	8.6	20.0
1,1-Dichloroethene	Ave	0.1598	0.1852	0.1000	0.0290	0.0250	15.9	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1433	0.1594	0.0500	0.0278	0.0250	11.3	20.0
Acetone	Lin1		0.1375	0.0500	0.0516	0.0500	3.2	20.0
Iodomethane	Ave	0.3417	0.3773		0.0276	0.0250	10.4	20.0
Carbon disulfide	Ave	0.4724	0.5072	0.1000	0.0268	0.0250	7.4	20.0
Methyl acetate	Ave	0.3160	0.3172	0.1000	0.0251	0.0250	0.4	20.0
Methylene Chloride	Lin1		0.2518	0.1000	0.0280	0.0250	12.1	20.0
2-Methyl-2-propanol	Ave	0.0247	0.0268		0.543	0.500	8.5	20.0
Methyl tert-butyl ether	Ave	0.5904	0.6337	0.1000	0.0268	0.0250	7.3	20.0
trans-1,2-Dichloroethene	Ave	0.2039	0.2201	0.1000	0.0270	0.0250	7.9	20.0
1,1-Dichloroethane	Ave	0.3875	0.4191	0.1000	0.0270	0.0250	8.2	20.0
Vinyl acetate	Ave	0.0452	0.0520		0.0287	0.0250	14.9	20.0
2-Butanone (MEK)	Ave	0.1972	0.1971	0.0500	0.0500	0.0500	-0.0	20.0
cis-1,2-Dichloroethene	Ave	0.2330	0.2513	0.1000	0.0270	0.0250	7.8	20.0
2,2-Dichloropropane	Ave	0.1549	0.1698		0.0274	0.0250	9.7	20.0
Bromochloromethane	Ave	0.1328	0.1383		0.0260	0.0250	4.1	20.0
Chloroform	Ave	0.3663	0.3812	0.2000	0.0260	0.0250	4.0	20.0
1,1,1-Trichloroethane	Ave	0.2708	0.2940	0.1000	0.0271	0.0250	8.6	20.0
Cyclohexane	Ave	0.4244	0.4490	0.1000	0.0265	0.0250	5.8	20.0
1,1-Dichloropropene	Ave	0.2526	0.2717		0.0269	0.0250	7.6	20.0
Carbon tetrachloride	Ave	0.2485	0.2719	0.1000	0.0274	0.0250	9.4	20.0
1,2-Dichloroethane	Ave	0.3576	0.3803	0.1000	0.0266	0.0250	6.3	20.0
Benzene	Ave	0.7826	0.8557	0.5000	0.0273	0.0250	9.3	20.0
Trichloroethene	Ave	0.2378	0.2460	0.2000	0.0259	0.0250	3.5	20.0
Methylcyclohexane	Ave	0.3357	0.3532	0.1000	0.0263	0.0250	5.2	20.0
1,2-Dichloropropane	Ave	0.2160	0.2417	0.1000	0.0280	0.0250	11.9	20.0
Dibromomethane	Ave	0.1266	0.1422		0.0281	0.0250	12.4	20.0
Bromodichloromethane	Ave	0.2429	0.2683	0.1000	0.0276	0.0250	10.4	20.0
cis-1,3-Dichloropropene	Ave	0.2656	0.2715	0.1500	0.0256	0.0250	2.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3505	0.3545	0.0500	0.0506	0.0500	1.1	20.0
Toluene	Ave	1.237	1.291	0.4000	0.0261	0.0250	4.3	20.0
trans-1,3-Dichloropropene	Lin1		0.3426	0.1000	0.0233	0.0250	-6.9	20.0
1,1,2-Trichloroethane	Ave	0.2592	0.2754	0.1000	0.0266	0.0250	6.3	20.0
1,3-Dichloropropane	Ave	0.4181	0.4583		0.0274	0.0250	9.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-68830/12 Calibration Date: 12/15/2012 00:50

Instrument ID: A3UX8 Calib Start Date: 12/14/2012 21:39

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/15/2012 00:08

Lab File ID: UX82465.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.2630	0.2715	0.2000	0.0258	0.0250	3.3	20.0
2-Hexanone	Ave	0.3344	0.3247	0.0500	0.0485	0.0500	-2.9	20.0
Dibromochloromethane	Ave	0.2847	0.2958		0.0260	0.0250	3.9	20.0
1,2-Dibromoethane	Ave	0.2544	0.2818		0.0277	0.0250	10.8	20.0
Chlorobenzene	Ave	0.8463	0.8938	0.3000	0.0264	0.0250	5.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2722	0.3022		0.0278	0.0250	11.0	20.0
Ethylbenzene	Ave	0.4263	0.4489		0.0263	0.0250	5.3	20.0
m-Xylene & p-Xylene	Ave	0.5119	0.5516		0.0539	0.0500	7.7	20.0
o-Xylene	Ave	0.4877	0.5407		0.0277	0.0250	10.9	20.0
Styrene	Ave	0.7865	0.8887	0.3000	0.0282	0.0250	13.0	20.0
Bromoform	Lin1		0.1680	0.1000	0.0230	0.0250	-8.0	20.0
Isopropylbenzene	Ave	1.238	1.337	0.1000	0.0270	0.0250	8.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5790	0.6034	0.3000	0.0261	0.0250	4.2	20.0
Bromobenzene	Ave	0.7227	0.7800		0.0270	0.0250	7.9	20.0
1,2,3-Trichloropropane	Ave	0.2237	0.2413		0.0270	0.0250	7.9	20.0
N-Propylbenzene	Ave	0.6841	0.7724		0.0282	0.0250	12.9	20.0
2-Chlorotoluene	Ave	0.6314	0.6562		0.0260	0.0250	3.9	20.0
1,3,5-Trimethylbenzene	Ave	1.981	2.133		0.0269	0.0250	7.7	20.0
4-Chlorotoluene	Ave	0.6606	0.6966		0.0264	0.0250	5.5	20.0
tert-Butylbenzene	Ave	1.885	1.946		0.0258	0.0250	3.2	20.0
1,2,4-Trimethylbenzene	Ave	1.985	2.151		0.0271	0.0250	8.4	20.0
sec-Butylbenzene	Ave	2.479	2.546		0.0257	0.0250	2.7	20.0
1,3-Dichlorobenzene	Ave	1.335	1.358	0.6000	0.0254	0.0250	1.7	20.0
4-Isopropyltoluene	Ave	2.077	2.221		0.0267	0.0250	6.9	20.0
1,4-Dichlorobenzene	Ave	1.391	1.389	0.5000	0.0250	0.0250	-0.2	20.0
n-Butylbenzene	Ave	1.715	1.735		0.0253	0.0250	1.1	20.0
1,2-Dichlorobenzene	Ave	1.253	1.258	0.4000	0.0251	0.0250	0.4	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0931	0.0921	0.0500	0.0247	0.0250	-1.0	20.0
1,2,4-Trichlorobenzene	Ave	0.6400	0.5366	0.2000	0.0210	0.0250	-16.2	20.0
Hexachlorobutadiene	Qua		0.2372		0.0264	0.0250	5.6	20.0
Naphthalene	Ave	1.519	1.225		0.0202	0.0250	-19.4	20.0
1,2,3-Trichlorobenzene	Qua		0.4329		0.0238	0.0250	-4.7	20.0
Dibromofluoromethane (Surr)	Qua		0.2558		0.0517	0.0500	3.4	20.0
1,2-Dichloroethane-d4 (Surr)	Qua		0.3132		0.0505	0.0500	1.0	20.0
Toluene-d8 (Surr)	Qua		1.293		0.0520	0.0500	4.1	20.0
4-Bromofluorobenzene (Surr)	Qua		0.4436		0.0517	0.0500	3.5	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82465.D
Lims ID: ICV Client ID:
Inject. Date: 15-Dec-2012 00:50:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015873-012
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 11
Lims Batch ID: 68830 Lims Sample ID: 12
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 14:27:33 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK008

First Level Reviewer: latat Date: 15-Dec-2012 01:14:27

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.158	-0.002	99	1642552	50.0	
* 2 Chlorobenzene-d5	117	7.676	7.678	-0.002	98	1158331	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.878	-0.002	99	577663	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.626	-0.002	58	420167	51.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.886	-0.002	96	514372	50.5	
$ 7 Toluene-d8 (Surr)	98	6.422	6.424	-0.002	94	1497827	52.0	
$ 131 4-Bromofluorobenzene (Surr)	95	8.752	8.754	-0.002	93	513821	51.7	
12 Dichlorodifluoromethane	85	1.572	1.574	-0.002	96	124892	21.7	
13 Chloromethane	50	1.750	1.752	-0.002	100	249273	24.5	
14 Vinyl chloride	62	1.868	1.870	-0.002	98	152140	24.2	
15 Bromomethane	94	2.187	2.177	0.010	91	74414	21.0	
16 Chloroethane	64	2.282	2.272	0.010	95	93302	24.3	
18 Trichlorofluoromethane	101	2.507	2.509	-0.002	96	205234	27.1	
19 Ethyl ether	59	2.743	2.734	0.009	95	223038	27.5	
20 Acrolein	56	2.838	2.840	-0.002	94	113642	61.0	
21 1,1-Dichloroethene	96	2.933	2.923	0.010	97	152132	29.0	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.945	2.946	-0.002	90	130946	27.8	
22 Acetone	43	2.956	2.958	-0.002	97	225771	51.6	
24 Iodomethane	142	3.051	3.053	-0.002	99	309850	27.6	
26 Carbon disulfide	76	3.110	3.112	-0.002	98	416585	26.8	
27 Acetonitrile	41	3.169	3.171	-0.002	98	135860	78.0	
28 Methyl acetate	43	3.217	3.218	-0.001	98	260530	25.1	
30 Methylene Chloride	84	3.299	3.301	-0.002	92	206754	28.0	
31 2-Methyl-2-propanol	59	3.370	3.372	-0.002	91	440708	542.6	
32 Acrylonitrile	53	3.477	3.479	-0.002	97	342417	79.7	
34 Methyl tert-butyl ether	73	3.512	3.514	-0.002	84	520466	26.8	
33 trans-1,2-Dichloroethene	96	3.524	3.526	-0.002	68	180751	27.0	
35 Hexane	86	3.725	3.727	-0.002	95	49093	26.6	
36 1,1-Dichloroethane	63	3.832	3.833	-0.001	96	344227	27.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	86	3.855	3.857	-0.002	97	42682	28.7	
38 Isopropyl ether	87	3.879	3.881	-0.002	91	178427	30.1	
42 cis-1,2-Dichloroethene	96	4.269	4.271	-0.002	88	206347	27.0	
41 2-Butanone (MEK)	43	4.269	4.271	-0.002	94	323690	50.0	
43 2,2-Dichloropropane	77	4.281	4.283	-0.002	74	139468	27.4	
47 Chlorobromomethane	128	4.459	4.449	0.011	91	113607	26.0	
48 Tetrahydrofuran	42	4.494	4.496	-0.002	92	104434	26.7	
49 Chloroform	83	4.506	4.508	-0.002	98	313031	26.0	
50 1,1,1-Trichloroethane	97	4.671	4.661	0.010	93	241414	27.1	
51 Cyclohexane	56	4.719	4.721	-0.002	96	368754	26.5	
52 1,1-Dichloropropene	75	4.790	4.792	-0.002	83	223163	26.9	
53 Carbon tetrachloride	117	4.802	4.803	-0.001	85	223308	27.4	
54 Isobutyl alcohol	41	4.813	4.815	-0.002	93	573258	1362.9	
55 Benzene	78	4.944	4.945	-0.001	94	702787	27.3	
56 1,2-Dichloroethane	62	4.944	4.945	-0.001	64	312295	26.6	
60 Trichloroethene	130	5.440	5.442	-0.002	90	202038	25.9	
63 Methylcyclohexane	83	5.606	5.608	-0.002	92	290069	26.3	
62 1,2-Dichloropropane	63	5.618	5.620	-0.002	78	198497	28.0	
65 Dibromomethane	93	5.712	5.714	-0.002	82	116807	28.1	
67 Dichlorobromomethane	83	5.819	5.821	-0.002	95	220327	27.6	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.186	6.187	-0.001	79	222985	25.6	
71 4-Methyl-2-pentanone (MIBK)	43	6.304	6.306	-0.002	98	582195	50.6	
72 Toluene	91	6.481	6.483	-0.002	93	747592	26.1	
73 trans-1,3-Dichloropropene	75	6.647	6.637	0.010	92	198418	23.3	
75 1,1,2-Trichloroethane	97	6.801	6.802	-0.001	96	159528	26.6	
77 Tetrachloroethene	164	6.954	6.956	-0.002	81	157265	25.8	
76 1,3-Dichloropropane	76	6.954	6.956	-0.002	90	265417	27.4	
78 2-Hexanone	43	7.002	7.003	-0.001	97	376057	48.5	
79 Chlorodibromomethane	129	7.155	7.157	-0.002	90	171328	26.0	
123 Ethylene Dibromide	107	7.274	7.276	-0.002	98	163211	27.7	
82 Chlorobenzene	112	7.711	7.713	-0.002	92	517649	26.4	
83 1,1,1,2-Tetrachloroethane	131	7.771	7.772	-0.001	88	175033	27.8	
84 Ethylbenzene	106	7.794	7.796	-0.002	98	259997	26.3	
10 m-Xylene & p-Xylene	106	7.901	7.902	-0.001	98	638882	53.9	
85 o-Xylene	106	8.267	8.269	-0.002	89	313177	27.7	
86 Styrene	104	8.279	8.281	-0.002	88	514728	28.2	
87 Bromoform	173	8.457	8.458	-0.001	96	97289	23.0	
88 Isopropylbenzene	105	8.610	8.612	-0.002	96	774305	27.0	
89 Cyclohexanone	55	8.693	8.695	-0.002	96	201385	95.7	
90 1,1,2,2-Tetrachloroethane	83	8.871	8.872	-0.001	88	174280	26.1	
91 Bromobenzene	156	8.918	8.908	0.010	81	225300	27.0	
92 1,2,3-Trichloropropane	110	8.930	8.920	0.010	76	69708	27.0	
93 trans-1,4-Dichloro-2-butene	53	8.930	8.932	-0.002	77	154117	53.8	
94 N-Propylbenzene	120	9.001	9.002	-0.001	98	223100	28.2	
95 2-Chlorotoluene	126	9.095	9.097	-0.002	97	189523	26.0	
96 1,3,5-Trimethylbenzene	105	9.166	9.168	-0.002	85	616123	26.9	
104 4-Chlorotoluene	126	9.190	9.192	-0.002	97	201199	26.4	
97 tert-Butylbenzene	119	9.486	9.487	-0.001	87	562089	25.8	
98 1,2,4-Trimethylbenzene	105	9.533	9.535	-0.002	85	621387	27.1	
99 sec-Butylbenzene	105	9.699	9.700	-0.001	94	735424	25.7	
100 1,3-Dichlorobenzene	146	9.817	9.819	-0.002	96	392133	25.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
101 4-Isopropyltoluene	119	9.841	9.842	-0.001	90	641552	26.7	
102 1,4-Dichlorobenzene	146	9.900	9.901	-0.001	94	401271	25.0	
103 1,2,3-Trimethylbenzene	105	9.947	9.949	-0.002	88	603256	26.1	
105 n-Butylbenzene	91	10.243	10.233	0.010	97	501018	25.3	
106 1,2-Dichlorobenzene	146	10.266	10.268	-0.002	98	363436	25.1	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.025	-0.002	60	26614	24.7	
109 1,2,4-Trichlorobenzene	180	11.863	11.853	0.010	94	154996	21.0	
110 Hexachlorobutadiene	225	12.029	12.031	-0.002	92	68512	26.4	
111 Naphthalene	128	12.100	12.102	-0.002	96	353782	20.2	
112 1,2,3-Trichlorobenzene	180	12.360	12.362	-0.002	96	125037	23.8	
S 136 Trihalomethanes, Total	1				0		102.6	
S 11 1,2-Dichloroethene, Total	96				0		53.9	
S 114 Xylenes, Total	106				0		81.6	

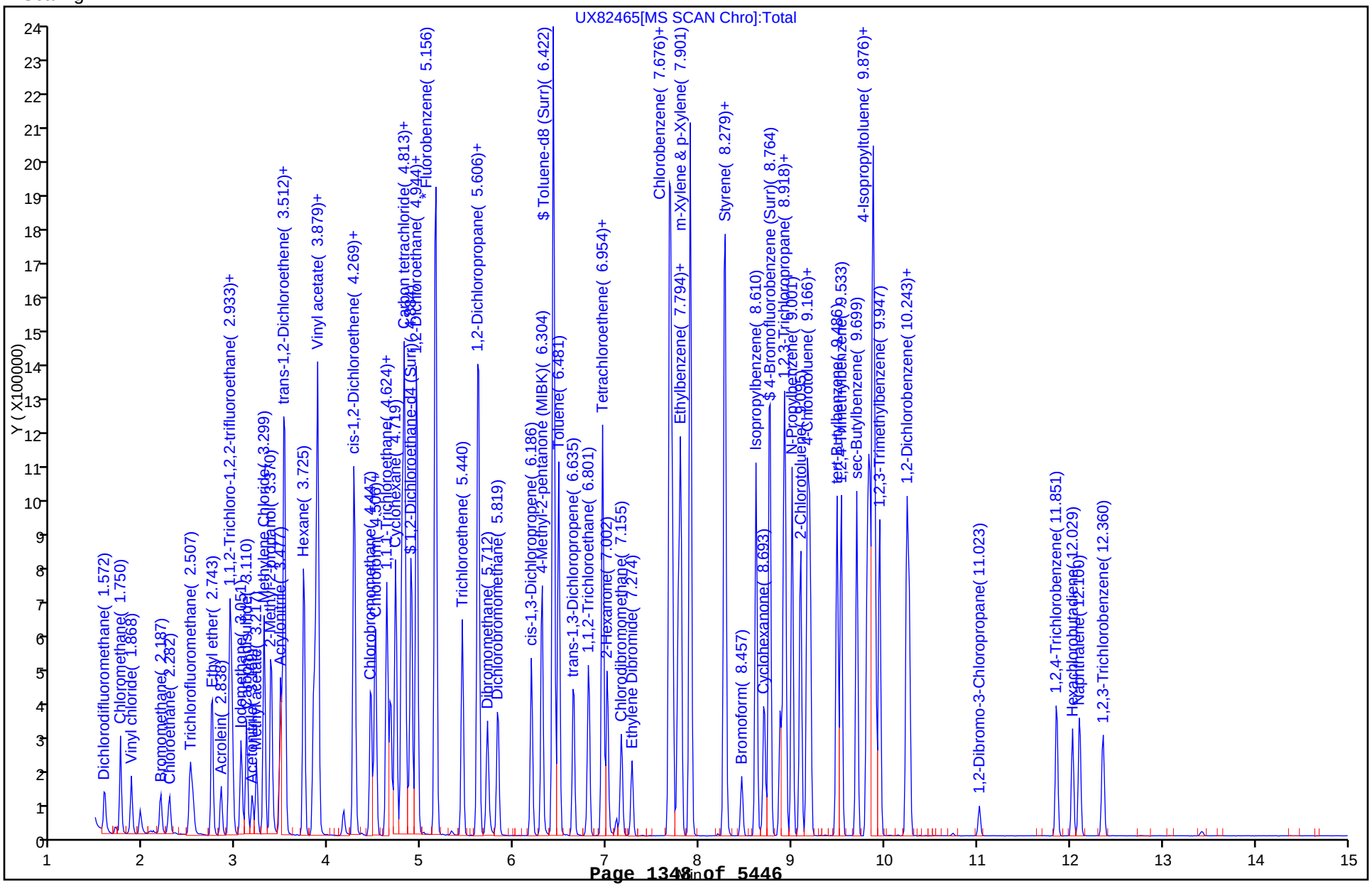
Report Date: 15-Dec-2012 14:27:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82465.D

Injection Date:	15-Dec-2012 00:50:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	12
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68879/3 Calibration Date: 12/15/2012 17:36

Instrument ID: A3UX8 Calib Start Date: 12/14/2012 21:39

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/15/2012 00:08

Lab File ID: UX82494.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1748	0.1936	0.1000	0.0221	0.0200	10.7	20.0
Chloromethane	Ave	0.3103	0.3268	0.1000	0.0211	0.0200	5.3	20.0
Vinyl chloride	Ave	0.1917	0.2037	0.1000	0.0212	0.0200	6.2	20.0
Bromomethane	Ave	0.1080	0.1116	0.0500	0.0207	0.0200	3.3	20.0
Chloroethane	Ave	0.1169	0.1143	0.0500	0.0195	0.0200	-2.3	20.0
Trichlorofluoromethane	Ave	0.2302	0.2644	0.1000	0.0230	0.0200	14.8	20.0
1,1-Dichloroethene	Ave	0.1598	0.1751	0.1000	0.0219	0.0200	9.6	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1433	0.1627	0.0500	0.0227	0.0200	13.5	20.0
Acetone	Lin1		0.1383	0.0500	0.0404	0.0400	1.0	20.0
Iodomethane	Ave	0.3417	0.3519		0.0206	0.0200	3.0	20.0
Carbon disulfide	Ave	0.4724	0.5067	0.1000	0.0215	0.0200	7.3	20.0
Methyl acetate	Ave	0.3160	0.3361	0.1000	0.0425	0.0400	6.3	20.0
Methylene Chloride	Lin1		0.2630	0.1000	0.0231	0.0200	15.5	20.0
2-Methyl-2-propanol	Ave	0.0247	0.0269		0.435	0.400	8.8	20.0
Methyl tert-butyl ether	Ave	0.5904	0.6157	0.1000	0.0209	0.0200	4.3	20.0
trans-1,2-Dichloroethene	Ave	0.2039	0.2221	0.1000	0.0218	0.0200	9.0	20.0
1,1-Dichloroethane	Ave	0.3875	0.4030	0.1000	0.0208	0.0200	4.0	20.0
Vinyl acetate	Ave	0.0452	0.0438		0.0194	0.0200	-3.2	20.0
2-Butanone (MEK)	Ave	0.1972	0.1992	0.0500	0.0404	0.0400	1.0	20.0
cis-1,2-Dichloroethene	Ave	0.2330	0.2471	0.1000	0.0212	0.0200	6.1	20.0
2,2-Dichloropropane	Ave	0.1549	0.1729		0.0223	0.0200	11.7	20.0
Bromochloromethane	Ave	0.1328	0.1358		0.0205	0.0200	2.3	20.0
Chloroform	Ave	0.3663	0.3949	0.2000	0.0216	0.0200	7.8	20.0
1,1,1-Trichloroethane	Ave	0.2708	0.2979	0.1000	0.0220	0.0200	10.0	20.0
Cyclohexane	Ave	0.4244	0.4806	0.1000	0.0226	0.0200	13.2	20.0
1,1-Dichloropropene	Ave	0.2526	0.2801		0.0222	0.0200	10.9	20.0
Carbon tetrachloride	Ave	0.2485	0.2713	0.1000	0.0218	0.0200	9.2	20.0
1,2-Dichloroethane	Ave	0.3576	0.3815	0.1000	0.0213	0.0200	6.7	20.0
Benzene	Ave	0.7826	0.8460	0.5000	0.0216	0.0200	8.1	20.0
Trichloroethene	Ave	0.2378	0.2486	0.2000	0.0209	0.0200	4.6	20.0
Methylcyclohexane	Ave	0.3357	0.3786	0.1000	0.0226	0.0200	12.8	20.0
1,2-Dichloropropane	Ave	0.2160	0.2294	0.1000	0.0212	0.0200	6.2	20.0
Dibromomethane	Ave	0.1266	0.1360		0.0215	0.0200	7.5	20.0
Bromodichloromethane	Ave	0.2429	0.2721	0.1000	0.0224	0.0200	12.0	20.0
cis-1,3-Dichloropropene	Ave	0.2656	0.2685	0.1500	0.0202	0.0200	1.1	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3505	0.3518	0.0500	0.0401	0.0400	0.4	20.0
Toluene	Ave	1.237	1.269	0.4000	0.0205	0.0200	2.6	20.0
trans-1,3-Dichloropropene	Lin1		0.3217	0.1000	0.0177	0.0200	-11.5	20.0
1,1,2-Trichloroethane	Ave	0.2592	0.2620	0.1000	0.0202	0.0200	1.1	20.0
1,3-Dichloropropane	Ave	0.4181	0.4337		0.0207	0.0200	3.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68879/3 Calibration Date: 12/15/2012 17:36

Instrument ID: A3UX8 Calib Start Date: 12/14/2012 21:39

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/15/2012 00:08

Lab File ID: UX82494.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.2630	0.2722	0.2000	0.0207	0.0200	3.5	20.0
2-Hexanone	Ave	0.3344	0.3257	0.0500	0.0390	0.0400	-2.6	20.0
Dibromochloromethane	Ave	0.2847	0.2823		0.0198	0.0200	-0.8	20.0
1,2-Dibromoethane	Ave	0.2544	0.2733		0.0215	0.0200	7.4	20.0
Chlorobenzene	Ave	0.8463	0.8612	0.3000	0.0204	0.0200	1.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2722	0.2856		0.0210	0.0200	4.9	20.0
Ethylbenzene	Ave	0.4263	0.4549		0.0213	0.0200	6.7	20.0
m-Xylene & p-Xylene	Ave	0.5119	0.5568		0.0435	0.0400	8.8	20.0
o-Xylene	Ave	0.4877	0.5281		0.0217	0.0200	8.3	20.0
Styrene	Ave	0.7865	0.8741	0.3000	0.0222	0.0200	11.1	20.0
Bromoform	Lin1		0.1606	0.1000	0.0178	0.0200	-11.0	20.0
Isopropylbenzene	Ave	1.238	1.352	0.1000	0.0218	0.0200	9.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5790	0.5954	0.3000	0.0206	0.0200	2.8	20.0
Bromobenzene	Ave	0.7227	0.7281		0.0202	0.0200	0.8	20.0
1,2,3-Trichloropropane	Ave	0.2237	0.2240		0.0200	0.0200	0.2	20.0
N-Propylbenzene	Ave	0.6841	0.7128		0.0208	0.0200	4.2	20.0
2-Chlorotoluene	Ave	0.6314	0.6333		0.0201	0.0200	0.3	20.0
1,3,5-Trimethylbenzene	Ave	1.981	2.096		0.0212	0.0200	5.8	20.0
4-Chlorotoluene	Ave	0.6606	0.6932		0.0210	0.0200	4.9	20.0
tert-Butylbenzene	Ave	1.885	1.883		0.0200	0.0200	-0.1	20.0
1,2,4-Trimethylbenzene	Ave	1.985	2.115		0.0213	0.0200	6.5	20.0
sec-Butylbenzene	Ave	2.479	2.574		0.0208	0.0200	3.8	20.0
1,3-Dichlorobenzene	Ave	1.335	1.334	0.6000	0.0200	0.0200	-0.1	20.0
4-Isopropyltoluene	Ave	2.077	2.227		0.0214	0.0200	7.2	20.0
1,4-Dichlorobenzene	Ave	1.391	1.405	0.5000	0.0202	0.0200	1.0	20.0
n-Butylbenzene	Ave	1.715	1.827		0.0213	0.0200	6.5	20.0
1,2-Dichlorobenzene	Ave	1.253	1.248	0.4000	0.0199	0.0200	-0.4	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0931	0.0941	0.0500	0.0202	0.0200	1.1	20.0
1,2,4-Trichlorobenzene	Ave	0.6400	0.6361	0.2000	0.0199	0.0200	-0.6	20.0
Naphthalene	Ave	1.519	1.331		0.0175	0.0200	-12.3	20.0
1,2,3-Trichlorobenzene	Qua		0.4933		0.0215	0.0200	7.5	20.0
Dibromofluoromethane (Surr)	Qua		0.2470		0.0495	0.0500	-1.0	20.0
1,2-Dichloroethane-d4 (Surr)	Qua		0.3151		0.0509	0.0500	1.8	20.0
Toluene-d8 (Surr)	Qua		1.203		0.0477	0.0500	-4.6	20.0
4-Bromofluorobenzene (Surr)	Qua		0.4189		0.0482	0.0500	-3.6	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82494.D
Lims ID: CCVIS Client ID:
Inject. Date: 15-Dec-2012 17:36:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0015886-003
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 68879 Lims Sample ID: 3
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:19 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 15-Dec-2012 17:57:24

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.156	0.0	99	1581713	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.687	0.0	98	1154408	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.875	0.0	99	602285	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.624	0.0	58	390622	49.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.884	0.0	95	498299	50.9	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1388208	47.7	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	94	483533	48.2	
12 Dichlorodifluoromethane	85	1.572	1.572	0.0	96	122475	22.1	
13 Chloromethane	50	1.749	1.749	0.0	99	206788	21.1	
14 Vinyl chloride	62	1.867	1.867	0.0	100	128856	21.2	
15 Bromomethane	94	2.187	2.187	0.0	91	70616	20.7	
16 Chloroethane	64	2.281	2.281	0.0	94	72287	19.5	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	95	167260	23.0	
20 Acrolein	56	2.837	2.837	0.0	94	362311	202.1	
21 1,1-Dichloroethene	96	2.932	2.932	0.0	95	110782	21.9	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.944	0.0	89	102930	22.7	
22 Acetone	43	2.956	2.956	0.0	96	175050	40.4	
24 Iodomethane	142	3.050	3.050	0.0	99	222660	20.6	
26 Carbon disulfide	76	3.109	3.109	0.0	97	320593	21.5	
27 Acetonitrile	41	3.169	3.169	0.0	99	343950	205.0	
28 Methyl acetate	43	3.216	3.216	0.0	98	425267	42.5	
30 Methylene Chloride	84	3.299	3.299	0.0	92	166367	23.1	
31 2-Methyl-2-propanol	59	3.382	3.382	0.0	92	340438	435.3	
32 Acrylonitrile	53	3.476	3.476	0.0	97	177821	43.0	
34 Methyl tert-butyl ether	73	3.523	3.523	0.0	86	389569	20.9	
33 trans-1,2-Dichloroethene	96	3.523	3.523	0.0	70	140543	21.8	
35 Hexane	86	3.736	3.736	0.0	96	40152	22.6	
36 1,1-Dichloroethane	63	3.831	3.831	0.0	98	254951	20.8	
37 Vinyl acetate	86	3.855	3.855	0.0	97	27716	19.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 cis-1,2-Dichloroethene	96	4.269	4.269	0.0	73	156345	21.2	
41 2-Butanone (MEK)	43	4.269	4.269	0.0	95	252066	40.4	
43 2,2-Dichloropropane	77	4.280	4.280	0.0	72	109409	22.3	
47 Chlorobromomethane	128	4.458	4.458	0.0	93	85939	20.5	
48 Tetrahydrofuran	42	4.493	4.493	0.0	90	78615	20.8	
49 Chloroform	83	4.505	4.505	0.0	98	249824	21.6	
50 1,1,1-Trichloroethane	97	4.671	4.671	0.0	92	188497	22.0	
51 Cyclohexane	56	4.718	4.718	0.0	97	304067	22.6	
52 1,1-Dichloropropene	75	4.789	4.789	0.0	82	177241	22.2	
53 Carbon tetrachloride	117	4.801	4.801	0.0	86	171648	21.8	
56 1,2-Dichloroethane	62	4.943	4.943	0.0	60	241351	21.3	
55 Benzene	78	4.943	4.943	0.0	93	535248	21.6	
60 Trichloroethene	130	5.440	5.440	0.0	92	157297	20.9	
63 Methylcyclohexane	83	5.605	5.605	0.0	91	239510	22.6	
62 1,2-Dichloropropane	63	5.617	5.617	0.0	87	145152	21.2	
65 Dibromomethane	93	5.712	5.712	0.0	88	86041	21.5	
66 1,4-Dioxane	88	5.712	5.712	0.0	67	74329	1016.0	
67 Dichlorobromomethane	83	5.830	5.830	0.0	95	172149	22.4	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.185	0.0	78	169860	20.2	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.303	0.0	98	445144	40.1	
72 Toluene	91	6.481	6.481	0.0	97	586049	20.5	
73 trans-1,3-Dichloropropene	75	6.646	6.646	0.0	95	148546	17.7	
74 Ethyl methacrylate	69	6.705	6.705	0.0	88	166417	21.4	
75 1,1,2-Trichloroethane	97	6.800	6.800	0.0	95	120988	20.2	
76 1,3-Dichloropropane	76	6.954	6.954	0.0	89	200242	20.7	
77 Tetrachloroethene	164	6.966	6.966	0.0	96	125682	20.7	
78 2-Hexanone	43	7.001	7.001	0.0	96	300822	39.0	
79 Chlorodibromomethane	129	7.155	7.155	0.0	88	130344	19.8	
123 Ethylene Dibromide	107	7.273	7.273	0.0	95	126181	21.5	
82 Chlorobenzene	112	7.711	7.711	0.0	92	397660	20.4	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.770	0.0	89	131864	21.0	
84 Ethylbenzene	106	7.794	7.794	0.0	98	210062	21.3	
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	98	514182	43.5	
85 o-Xylene	106	8.267	8.267	0.0	89	243840	21.7	
86 Styrene	104	8.279	8.279	0.0	87	403607	22.2	
87 Bromoform	173	8.456	8.456	0.0	95	74144	17.8	
88 Isopropylbenzene	105	8.610	8.610	0.0	96	624189	21.8	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.870	0.0	89	143450	20.6	
91 Bromobenzene	156	8.917	8.917	0.0	91	175420	20.2	
92 1,2,3-Trichloropropane	110	8.929	8.929	0.0	82	53971	20.0	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.929	0.0	70	58745	19.7	
94 N-Propylbenzene	120	9.000	9.000	0.0	98	171719	20.8	
95 2-Chlorotoluene	126	9.095	9.095	0.0	97	152570	20.1	
96 1,3,5-Trimethylbenzene	105	9.166	9.166	0.0	85	505027	21.2	
104 4-Chlorotoluene	126	9.189	9.189	0.0	98	166991	21.0	
97 tert-Butylbenzene	119	9.485	9.485	0.0	90	453594	20.0	
98 1,2,4-Trimethylbenzene	105	9.532	9.532	0.0	73	509583	21.3	
99 sec-Butylbenzene	105	9.698	9.698	0.0	94	619994	20.8	
100 1,3-Dichlorobenzene	146	9.816	9.816	0.0	96	321291	20.0	
101 4-Isopropyltoluene	119	9.840	9.840	0.0	95	536569	21.4	
102 1,4-Dichlorobenzene	146	9.899	9.899	0.0	94	338471	20.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	10.242	10.242	0.0	96	440118	21.3	
106 1,2-Dichlorobenzene	146	10.266	10.266	0.0	98	300752	19.9	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.023	0.0	59	22680	20.2	
108 1,3,5-Trichlorobenzene	180	11.247	11.247	0.0	97	182727	19.9	
109 1,2,4-Trichlorobenzene	180	11.863	11.863	0.0	94	153251	19.9	
110 Hexachlorobutadiene	225	12.028	12.028	0.0	93	68680	25.1	
111 Naphthalene	128	12.099	12.099	0.0	96	320717	17.5	
112 1,2,3-Trichlorobenzene	180	12.359	12.359	0.0	96	118833	21.5	
S 136 Trihalomethanes, Total	1				0		81.6	
S 11 1,2-Dichloroethene, Total	96				0		43.0	
S 9 1,3-Dichloropropene, Total	75				0		37.9	
S 114 Xylenes, Total	106				0		65.2	

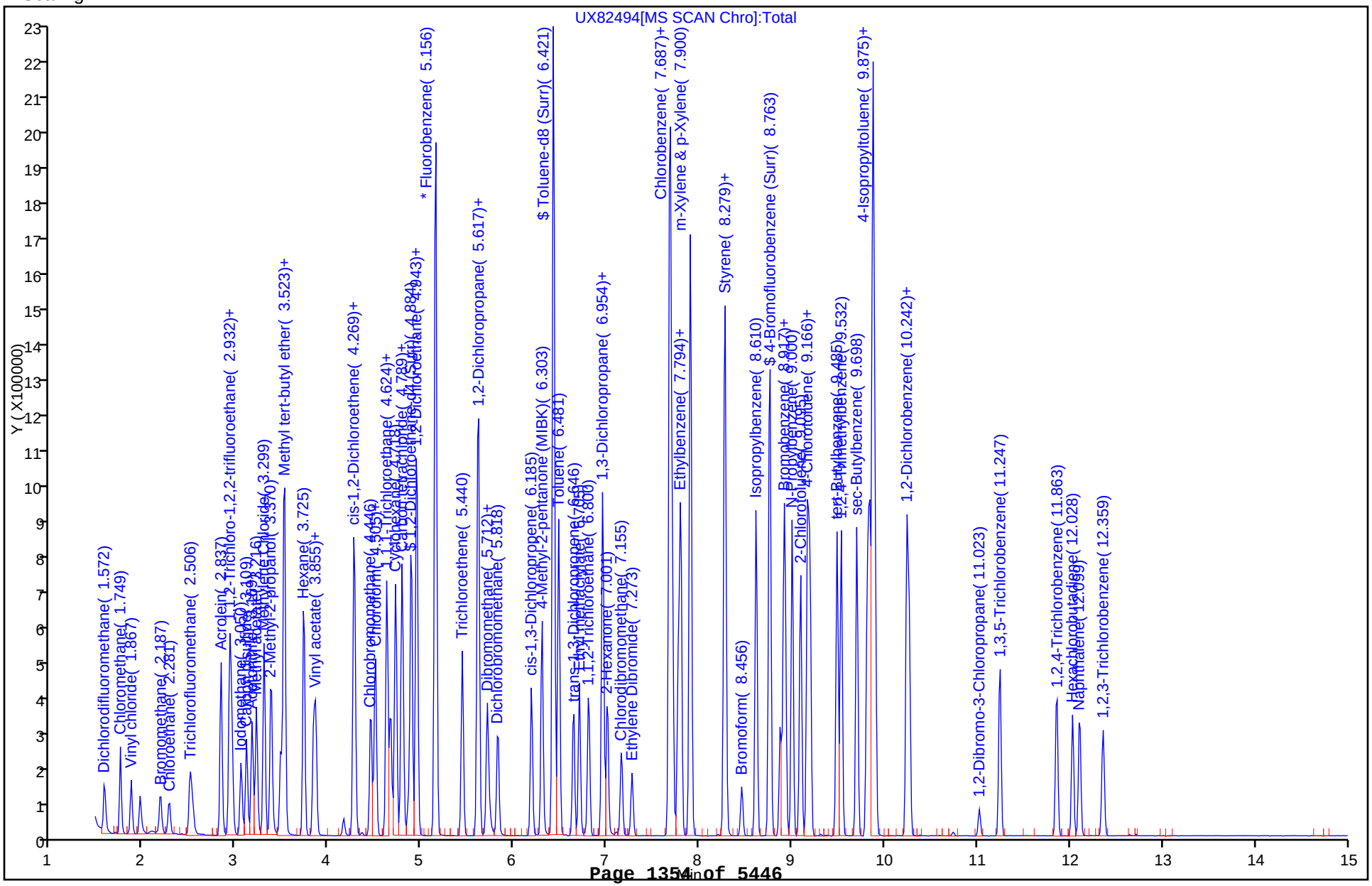
Report Date: 19-Dec-2012 02:39:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82494.D

Injection Date:	15-Dec-2012 17:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	3
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68905/3 Calibration Date: 12/16/2012 23:43

Instrument ID: A3UX8 Calib Start Date: 12/14/2012 21:39

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/15/2012 00:08

Lab File ID: UX82527.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1748	0.1752	0.1000	0.0200	0.0200	0.2	20.0
Chloromethane	Ave	0.3103	0.3051	0.1000	0.0197	0.0200	-1.7	20.0
Vinyl chloride	Ave	0.1917	0.1919	0.1000	0.0200	0.0200	0.0	20.0
Bromomethane	Ave	0.1080	0.1053	0.0500	0.0195	0.0200	-2.5	20.0
Chloroethane	Ave	0.1169	0.1131	0.0500	0.0193	0.0200	-3.3	20.0
Trichlorofluoromethane	Ave	0.2302	0.2582	0.1000	0.0224	0.0200	12.2	20.0
1,1-Dichloroethene	Ave	0.1598	0.1844	0.1000	0.0231	0.0200	15.4	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1433	0.1533	0.0500	0.0214	0.0200	7.0	20.0
Acetone	Lin1		0.1519	0.0500	0.0449	0.0400	12.3	20.0
Iodomethane	Ave	0.3417	0.3622		0.0212	0.0200	6.0	20.0
Carbon disulfide	Ave	0.4724	0.5484	0.1000	0.0232	0.0200	16.1	20.0
Methyl acetate	Ave	0.3160	0.3417	0.1000	0.0433	0.0400	8.1	20.0
Methylene Chloride	Lin1		0.2704	0.1000	0.0238	0.0200	19.0	20.0
2-Methyl-2-propanol	Ave	0.0247	0.0250		0.405	0.400	1.2	20.0
Methyl tert-butyl ether	Ave	0.5904	0.6305	0.1000	0.0214	0.0200	6.8	20.0
trans-1,2-Dichloroethene	Ave	0.2039	0.2165	0.1000	0.0212	0.0200	6.2	20.0
1,1-Dichloroethane	Ave	0.3875	0.4124	0.1000	0.0213	0.0200	6.4	20.0
Vinyl acetate	Ave	0.0452	0.0391		0.0173	0.0200	-13.6	20.0
2-Butanone (MEK)	Ave	0.1972	0.2070	0.0500	0.0420	0.0400	5.0	20.0
cis-1,2-Dichloroethene	Ave	0.2330	0.2517	0.1000	0.0216	0.0200	8.0	20.0
2,2-Dichloropropane	Ave	0.1549	0.1835		0.0237	0.0200	18.5	20.0
Bromochloromethane	Ave	0.1328	0.1374		0.0207	0.0200	3.4	20.0
Chloroform	Ave	0.3663	0.3941	0.2000	0.0215	0.0200	7.6	20.0
1,1,1-Trichloroethane	Ave	0.2708	0.3009	0.1000	0.0222	0.0200	11.1	20.0
Cyclohexane	Ave	0.4244	0.4861	0.1000	0.0229	0.0200	14.6	20.0
1,1-Dichloropropene	Ave	0.2526	0.2782		0.0220	0.0200	10.1	20.0
Carbon tetrachloride	Ave	0.2485	0.2833	0.1000	0.0228	0.0200	14.0	20.0
1,2-Dichloroethane	Ave	0.3576	0.3869	0.1000	0.0216	0.0200	8.2	20.0
Benzene	Ave	0.7826	0.8408	0.5000	0.0215	0.0200	7.4	20.0
Trichloroethene	Ave	0.2378	0.2446	0.2000	0.0206	0.0200	2.9	20.0
Methylcyclohexane	Ave	0.3357	0.3718	0.1000	0.0222	0.0200	10.8	20.0
1,2-Dichloropropane	Ave	0.2160	0.2289	0.1000	0.0212	0.0200	6.0	20.0
Dibromomethane	Ave	0.1266	0.1394		0.0220	0.0200	10.1	20.0
Bromodichloromethane	Ave	0.2429	0.2750	0.1000	0.0226	0.0200	13.2	20.0
cis-1,3-Dichloropropene	Ave	0.2656	0.2849	0.1500	0.0215	0.0200	7.3	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3505	0.3431	0.0500	0.0392	0.0400	-2.1	20.0
Toluene	Ave	1.237	1.311	0.4000	0.0212	0.0200	5.9	20.0
trans-1,3-Dichloropropene	Lin1		0.3439	0.1000	0.0189	0.0200	-5.7	20.0
1,1,2-Trichloroethane	Ave	0.2592	0.2786	0.1000	0.0215	0.0200	7.5	20.0
1,3-Dichloropropane	Ave	0.4181	0.4569		0.0219	0.0200	9.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68905/3 Calibration Date: 12/16/2012 23:43

Instrument ID: A3UX8 Calib Start Date: 12/14/2012 21:39

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/15/2012 00:08

Lab File ID: UX82527.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.2630	0.2822	0.2000	0.0215	0.0200	7.3	20.0
2-Hexanone	Ave	0.3344	0.3303	0.0500	0.0395	0.0400	-1.2	20.0
Dibromochloromethane	Ave	0.2847	0.3140		0.0221	0.0200	10.3	20.0
1,2-Dibromoethane	Ave	0.2544	0.2856		0.0224	0.0200	12.2	20.0
Chlorobenzene	Ave	0.8463	0.8844	0.3000	0.0209	0.0200	4.5	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2722	0.3085		0.0227	0.0200	13.3	20.0
Ethylbenzene	Ave	0.4263	0.4517		0.0212	0.0200	5.9	20.0
m-Xylene & p-Xylene	Ave	0.5119	0.5603		0.0438	0.0400	9.4	20.0
o-Xylene	Ave	0.4877	0.5302		0.0217	0.0200	8.7	20.0
Styrene	Ave	0.7865	0.8877	0.3000	0.0226	0.0200	12.9	20.0
Bromoform	Lin1		0.1798	0.1000	0.0198	0.0200	-0.9	20.0
Isopropylbenzene	Ave	1.238	1.343	0.1000	0.0217	0.0200	8.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5790	0.6234	0.3000	0.0215	0.0200	7.7	20.0
Bromobenzene	Ave	0.7227	0.7634		0.0211	0.0200	5.6	20.0
1,2,3-Trichloropropane	Ave	0.2237	0.2469		0.0221	0.0200	10.4	20.0
N-Propylbenzene	Ave	0.6841	0.7602		0.0222	0.0200	11.1	20.0
2-Chlorotoluene	Ave	0.6314	0.6941		0.0220	0.0200	9.9	20.0
1,3,5-Trimethylbenzene	Ave	1.981	2.139		0.0216	0.0200	8.0	20.0
4-Chlorotoluene	Ave	0.6606	0.6969		0.0211	0.0200	5.5	20.0
tert-Butylbenzene	Ave	1.885	1.928		0.0205	0.0200	2.3	20.0
1,2,4-Trimethylbenzene	Ave	1.985	2.160		0.0218	0.0200	8.8	20.0
sec-Butylbenzene	Ave	2.479	2.597		0.0210	0.0200	4.8	20.0
1,3-Dichlorobenzene	Ave	1.335	1.351	0.6000	0.0202	0.0200	1.2	20.0
4-Isopropyltoluene	Ave	2.077	2.251		0.0217	0.0200	8.4	20.0
1,4-Dichlorobenzene	Ave	1.391	1.404	0.5000	0.0202	0.0200	0.9	20.0
n-Butylbenzene	Ave	1.715	1.805		0.0211	0.0200	5.3	20.0
1,2-Dichlorobenzene	Ave	1.253	1.241	0.4000	0.0198	0.0200	-1.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0931	0.0853	0.0500	0.0183	0.0200	-8.3	20.0
1,2,4-Trichlorobenzene	Ave	0.6400	0.5725	0.2000	0.0179	0.0200	-10.5	20.0
Hexachlorobutadiene	Qua		0.2676		0.0232	0.0200	15.9	20.0
1,2,3-Trichlorobenzene	Qua		0.4423		0.0190	0.0200	-4.9	20.0
Dibromofluoromethane (Surr)	Qua		0.2486		0.0499	0.0500	-0.2	20.0
1,2-Dichloroethane-d4 (Surr)	Qua		0.3144		0.0508	0.0500	1.5	20.0
Toluene-d8 (Surr)	Qua		1.228		0.0489	0.0500	-2.1	20.0
4-Bromofluorobenzene (Surr)	Qua		0.4236		0.0489	0.0500	-2.2	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82527.D
Lims ID: CCVIS Client ID:
Inject. Date: 16-Dec-2012 23:43:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0015896-003
Misc. Info.: M21216A,8260SUX8,,402279 =M21216A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 68905 Lims Sample ID: 3
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\8260_8.m
Last Update: 20-Dec-2012 03:33:05 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: latat Date: 17-Dec-2012 00:09:35

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.156	0.0	99	1560381	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.687	0.0	98	1096053	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.875	0.0	98	556088	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.623	0.0	58	387879	49.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.884	0.0	95	490518	50.8	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1346099	48.9	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	95	464305	48.9	
12 Dichlorodifluoromethane	85	1.583	1.583	0.0	96	109356	20.0	
13 Chloromethane	50	1.749	1.749	0.0	100	190403	19.7	
14 Vinyl chloride	62	1.867	1.867	0.0	99	119743	20.0	
15 Bromomethane	94	2.187	2.187	0.0	90	65745	19.5	
16 Chloroethane	64	2.281	2.281	0.0	94	70560	19.3	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	84	161131	22.4	
20 Acrolein	56	2.837	2.837	0.0	93	351250	198.6	
21 1,1-Dichloroethene	96	2.932	2.932	0.0	96	115080	23.1	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.944	0.0	89	95696	21.4	
22 Acetone	43	2.956	2.956	0.0	97	189553	44.9	
24 Iodomethane	142	3.050	3.050	0.0	99	226071	21.2	
26 Carbon disulfide	76	3.109	3.109	0.0	98	342293	23.2	
27 Acetonitrile	41	3.168	3.168	0.0	99	350186	211.6	
28 Methyl acetate	43	3.216	3.216	0.0	98	426576	43.3	
30 Methylene Chloride	84	3.299	3.299	0.0	91	168747	23.8	
31 2-Methyl-2-propanol	59	3.369	3.369	0.0	89	312338	404.8	
32 Acrylonitrile	53	3.476	3.476	0.0	97	177170	43.4	
34 Methyl tert-butyl ether	73	3.523	3.523	0.0	86	393509	21.4	
33 trans-1,2-Dichloroethene	96	3.523	3.523	0.0	69	135131	21.2	
35 Hexane	86	3.736	3.736	0.0	94	37562	21.4	
36 1,1-Dichloroethane	63	3.831	3.831	0.0	98	257399	21.3	
37 Vinyl acetate	86	3.854	3.854	0.0	97	24401	17.3	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
41 2-Butanone (MEK)	43	4.268	4.268	0.0	96	258380	42.0	
42 cis-1,2-Dichloroethene	96	4.268	4.268	0.0	87	157111	21.6	
43 2,2-Dichloropropane	77	4.280	4.280	0.0	74	114504	23.7	
47 Chlorobromomethane	128	4.458	4.458	0.0	92	85767	20.7	
48 Tetrahydrofuran	42	4.493	4.493	0.0	89	78773	21.2	
49 Chloroform	83	4.505	4.505	0.0	99	245979	21.5	
50 1,1,1-Trichloroethane	97	4.659	4.659	0.0	90	187815	22.2	
51 Cyclohexane	56	4.718	4.718	0.0	96	303419	22.9	
52 1,1-Dichloropropene	75	4.789	4.789	0.0	80	173606	22.0	
53 Carbon tetrachloride	117	4.801	4.801	0.0	78	176799	22.8	
55 Benzene	78	4.943	4.943	0.0	93	524781	21.5	
56 1,2-Dichloroethane	62	4.943	4.943	0.0	61	241482	21.6	
60 Trichloroethene	130	5.439	5.439	0.0	93	152661	20.6	
63 Methylcyclohexane	83	5.605	5.605	0.0	89	232077	22.2	
62 1,2-Dichloropropane	63	5.617	5.617	0.0	86	142850	21.2	
65 Dibromomethane	93	5.712	5.712	0.0	86	86999	22.0	
66 1,4-Dioxane	88	5.712	5.712	0.0	74	74371	1030.5	
67 Dichlorobromomethane	83	5.818	5.818	0.0	90	171659	22.6	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.185	0.0	79	177824	21.5	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.303	0.0	98	428279	39.2	
72 Toluene	91	6.480	6.480	0.0	96	574567	21.2	
73 trans-1,3-Dichloropropene	75	6.646	6.646	0.0	89	150779	18.9	
74 Ethyl methacrylate	69	6.705	6.705	0.0	87	160146	21.7	
75 1,1,2-Trichloroethane	97	6.800	6.800	0.0	94	122163	21.5	
77 Tetrachloroethene	164	6.954	6.954	0.0	79	123704	21.5	
76 1,3-Dichloropropane	76	6.954	6.954	0.0	93	200296	21.9	
78 2-Hexanone	43	7.001	7.001	0.0	96	289605	39.5	
79 Chlorodibromomethane	129	7.155	7.155	0.0	89	137645	22.1	
123 Ethylene Dibromide	107	7.273	7.273	0.0	97	125206	22.4	
82 Chlorobenzene	112	7.711	7.711	0.0	94	387757	20.9	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.770	0.0	89	135230	22.7	
84 Ethylbenzene	106	7.793	7.793	0.0	98	198019	21.2	
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	98	491278	43.8	
85 o-Xylene	106	8.267	8.267	0.0	90	232453	21.7	
86 Styrene	104	8.278	8.278	0.0	86	389169	22.6	
87 Bromoform	173	8.456	8.456	0.0	95	78844	19.8	
88 Isopropylbenzene	105	8.610	8.610	0.0	96	588819	21.7	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.870	0.0	88	138673	21.5	
91 Bromobenzene	156	8.917	8.917	0.0	89	169810	21.1	
92 1,2,3-Trichloropropane	110	8.929	8.929	0.0	81	54925	22.1	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.929	0.0	72	58699	21.3	
94 N-Propylbenzene	120	9.000	9.000	0.0	98	169088	22.2	
95 2-Chlorotoluene	126	9.095	9.095	0.0	97	154397	22.0	
96 1,3,5-Trimethylbenzene	105	9.165	9.165	0.0	93	475897	21.6	
104 4-Chlorotoluene	126	9.189	9.189	0.0	98	155021	21.1	
97 tert-Butylbenzene	119	9.485	9.485	0.0	91	428847	20.5	
98 1,2,4-Trimethylbenzene	105	9.532	9.532	0.0	77	480425	21.8	
99 sec-Butylbenzene	105	9.698	9.698	0.0	94	577673	21.0	
100 1,3-Dichlorobenzene	146	9.816	9.816	0.0	96	300516	20.2	
101 4-Isopropyltoluene	119	9.840	9.840	0.0	91	500751	21.7	
102 1,4-Dichlorobenzene	146	9.899	9.899	0.0	92	312404	20.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	10.242	10.242	0.0	96	401552	21.1	
106 1,2-Dichlorobenzene	146	10.266	10.266	0.0	97	276032	19.8	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.023	0.0	52	18983	18.3	
108 1,3,5-Trichlorobenzene	180	11.247	11.247	0.0	97	158205	18.7	
109 1,2,4-Trichlorobenzene	180	11.862	11.862	0.0	93	127348	17.9	
110 Hexachlorobutadiene	225	12.028	12.028	0.0	88	59519	23.2	
111 Naphthalene	128	12.111	12.111	0.0	96	257959	15.3	
112 1,2,3-Trichlorobenzene	180	12.359	12.359	0.0	96	98384	19.0	
S 136 Trihalomethanes, Total	1				0		86.0	
S 11 1,2-Dichloroethene, Total	96				0		42.8	
S 9 1,3-Dichloropropene, Total	75				0		40.3	
S 114 Xylenes, Total	106				0		65.5	

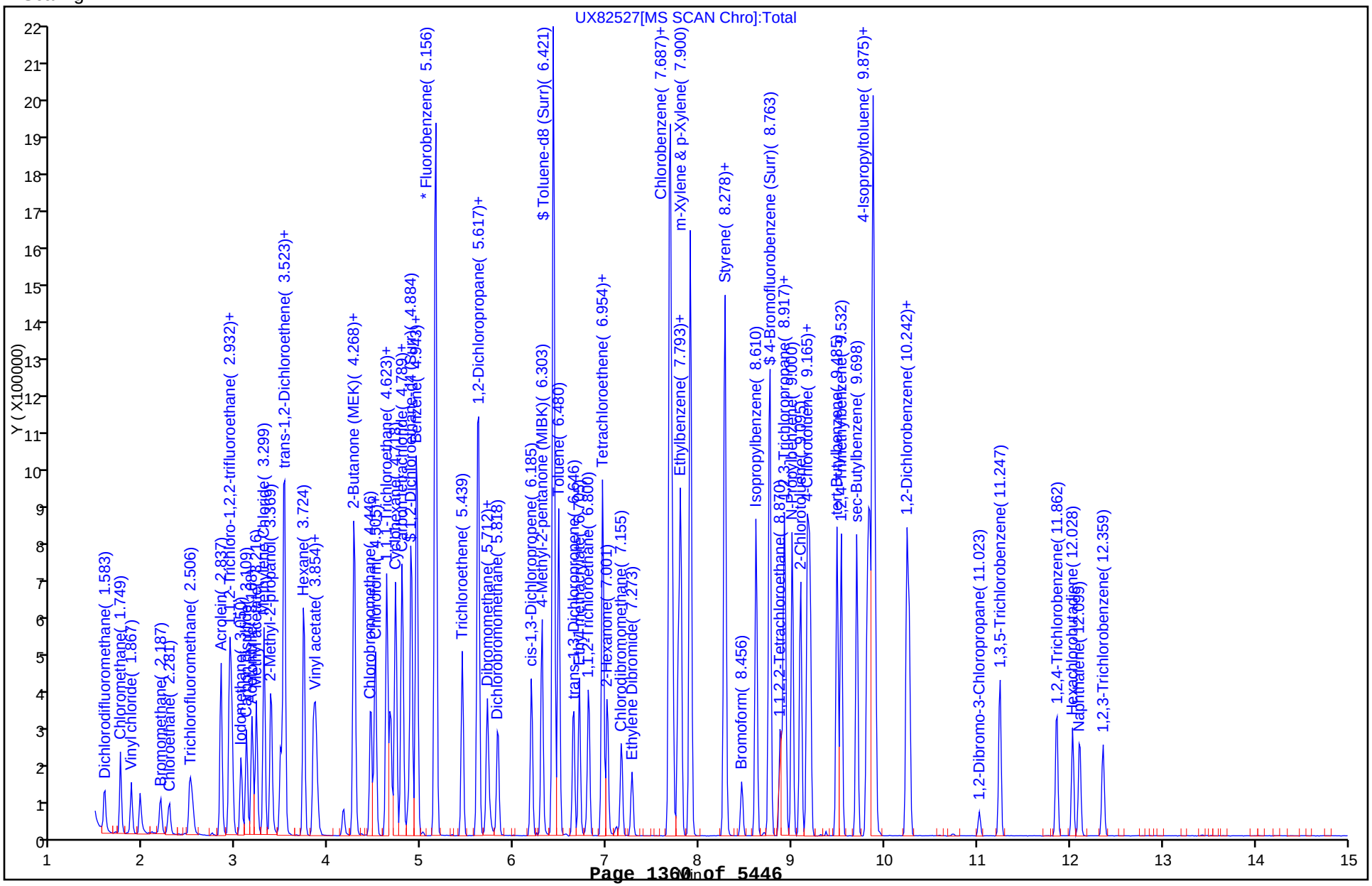
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82527.D

Injection Date:	16-Dec-2012 23:43:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	3
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX11\20121211-15710.b\BFB030F.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	11-Dec-2012 11:08:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:			
Misc. Info.:	J21211A-IC,BFBUX11,,43582 =J21211A-IC,BFBUX11,,43582		
Operator:	43582	Instrument ID:	A3UX11
Purge Vol:	5.000 mL	ALS Bottle#:	32
Lims Batch ID:	68124	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX11\20121211-15710.b\8260_11.m		
Last Update:	12-Dec-2012 10:57:15	Calib Date:	11-Dec-2012 15:48:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK008		
First Level Reviewer: evansle		Date:	12-Dec-2012 10:57:15

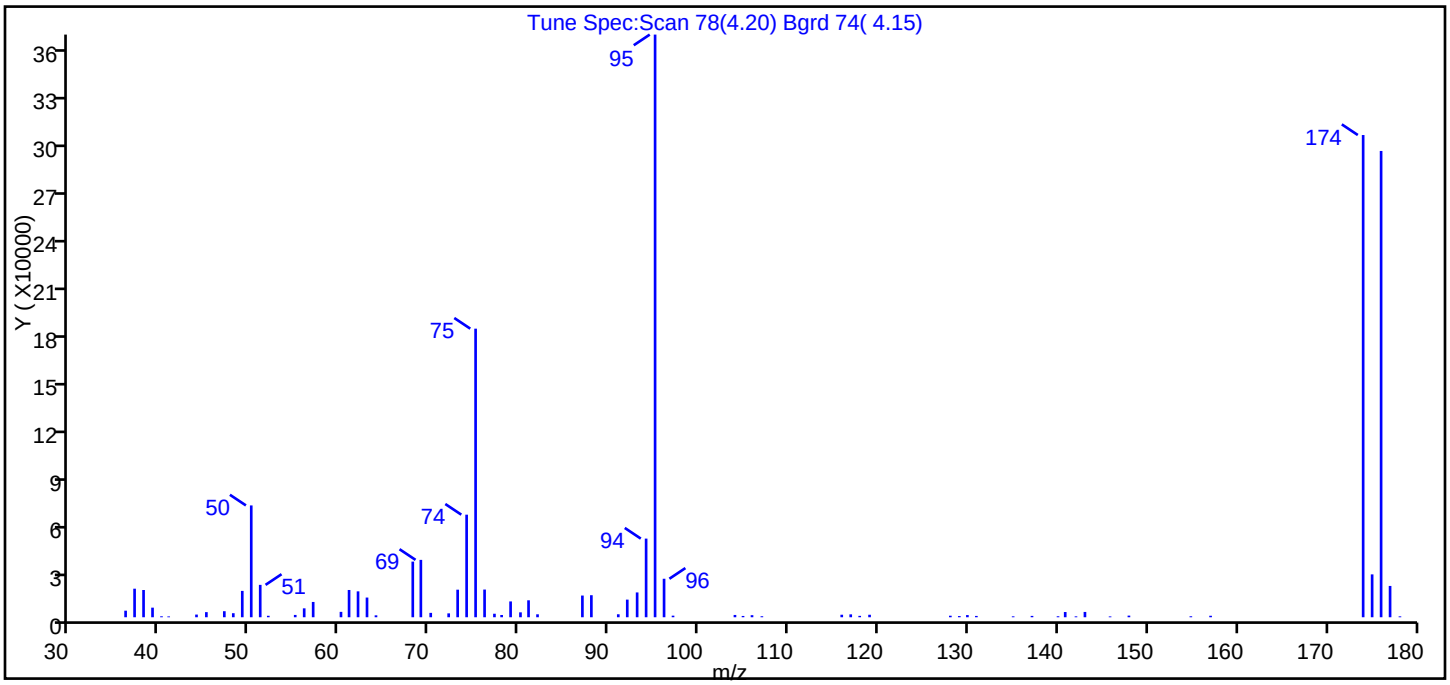
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 134 BFB	95	4.196	4.196	0.0	0	598011	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX11\20121211-15710.b\BFB030F.D		
Injection Date:	11-Dec-2012 11:08:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68124	Lims Sample ID:	1
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 134 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.19
75	30.00 - 60.00% of mass 95	49.53
96	5.00 - 9.00% of mass 95	6.61
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	82.76
175	5.00 - 9.00% of mass 174	7.36 (8.89)
176	95.00 - 101.00% of mass 174	80.03 (96.70)
177	5.00 - 9.00% of mass 176	5.37 (6.72)

Data File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\BFB030F.D\8260_11.rslt\spectra.d
Injection Date: 11-Dec-2012 11:08:30
Spectrum: Tune Spec:Scan 78(4.20) Bgrd 74(4.15)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 72

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	4062	61.00	16872	87.00	13435	129.00	737
37.10	17672	62.00	16026	88.00	13642	129.90	1348
38.10	16864	63.00	12188	91.00	1850	130.90	819
39.10	5941	64.00	1195	92.00	10915	135.00	568
40.10	592	68.10	34432	93.10	15356	137.10	844
40.90	516	69.00	35504	94.10	48664	140.00	614
44.00	1664	70.10	2714	95.10	360512	140.80	3240
45.10	3172	72.10	2405	96.10	23824	142.00	559
47.10	3741	73.10	17064	97.10	987	143.00	3289
48.10	2505	74.10	63472	104.00	1424	145.80	519
49.10	16310	75.10	178560	104.90	802	147.90	1013
50.10	69192	76.10	17144	105.90	1287	154.80	612
51.10	20040	77.20	2180	107.00	621	157.00	922
52.00	912	78.00	1403	115.90	1562	174.00	298368
55.00	1439	79.00	9792	116.90	1792	175.00	26528
56.00	5519	80.10	3041	117.90	866	176.00	288512
57.00	9467	81.00	10492	119.00	1552	177.00	19376
60.10	3341	82.00	1825	128.00	946	178.10	552

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX11\20121212-15761.b\BFB031C.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	12-Dec-2012 10:59:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:			
Misc. Info.:	J21212A,BFBUX11,,43582 =J21212A,BFBUX11,,43582		
Operator:	43582	Instrument ID:	A3UX11
Purge Vol:	5.000 mL	ALS Bottle#:	31
Lims Batch ID:	68395	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX11\20121212-15761.b\8260_11.m		
Last Update:	13-Dec-2012 09:33:35	Calib Date:	11-Dec-2012 15:48:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK019		
First Level Reviewer: evansle		Date:	12-Dec-2012 11:30:08

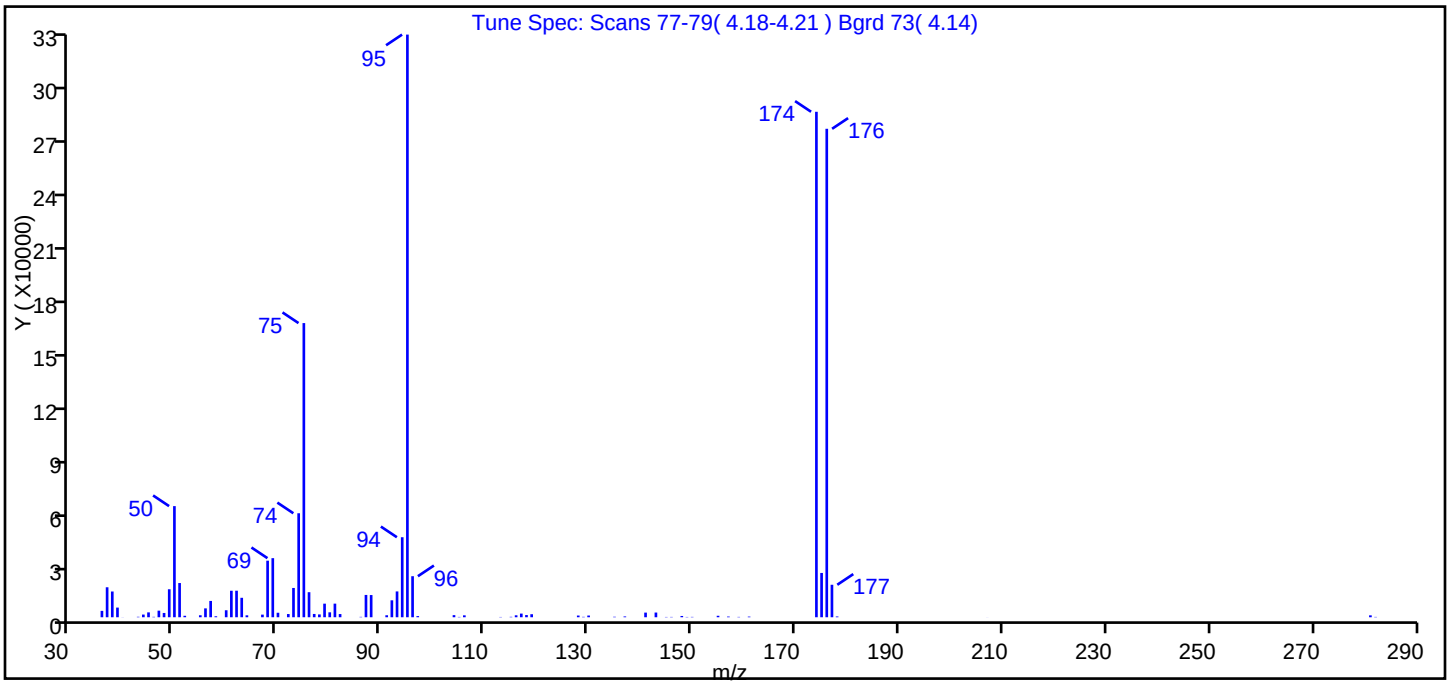
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 134 BFB	95	4.196	4.196	0.0	0	743557	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX11\20121212-15761.b\BFB031C.D		
Injection Date:	12-Dec-2012 10:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68395	Lims Sample ID:	1
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 134 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.07
75	30.00 - 60.00% of mass 95	50.49
96	5.00 - 9.00% of mass 95	7.04
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	86.75
175	5.00 - 9.00% of mass 174	7.60 (8.77)
176	95.00 - 101.00% of mass 174	83.83 (96.63)
177	5.00 - 9.00% of mass 176	5.58 (6.65)

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\BFB031C.D\8260_11.rslt\spectra.d
Injection Date: 12-Dec-2012 10:59:30
Spectrum: Tune Spec: Scans 77-79(4.18-4.21) Bgrd 73(4.14)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 82

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3533	62.00	14677	91.00	1106	141.00	2569
37.00	16584	63.00	10764	92.00	9369	143.00	2607
38.00	14244	64.00	1069	93.00	14284	145.00	172
39.00	5348	67.00	1457	94.00	44256	146.00	187
40.00	51	68.00	31288	95.00	322240	148.00	708
43.00	258	69.00	32680	96.00	22696	149.00	167
44.00	1492	70.00	2487	97.00	638	150.00	205
45.00	2693	72.00	1776	104.00	1170	155.00	819
46.00	229	73.00	16201	105.00	184	157.00	390
47.00	3644	74.00	57512	106.00	1064	159.00	198
48.00	2373	75.00	162688	113.00	166	161.00	366
49.00	15482	76.00	13856	115.00	241	174.00	279552
50.00	61464	77.00	1825	116.00	1086	175.00	24504
51.00	18928	78.00	1564	117.00	2028	176.00	270144
52.00	815	79.00	7519	118.00	1219	177.00	17968
55.00	1095	80.00	2727	119.00	1685	178.00	432
56.00	4915	81.00	7532	128.00	952	207.00	27
57.00	9023	82.00	1765	129.00	228	281.00	1056
58.00	542	86.00	217	130.00	954	282.00	189
60.00	3873	87.00	12340	135.00	274		
61.00	14663	88.00	12279	137.00	451		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX8\20121211-15698.b\BFB8148.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	11-Dec-2012 03:04:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	240-0015698-001		
Misc. Info.:	M21211A,BFBSUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	68080	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121211-15698.b\8260_8.m		
Last Update:	11-Dec-2012 21:45:19	Calib Date:	11-Dec-2012 08:23:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK003		
First Level Reviewer: latat		Date:	11-Dec-2012 04:01:06

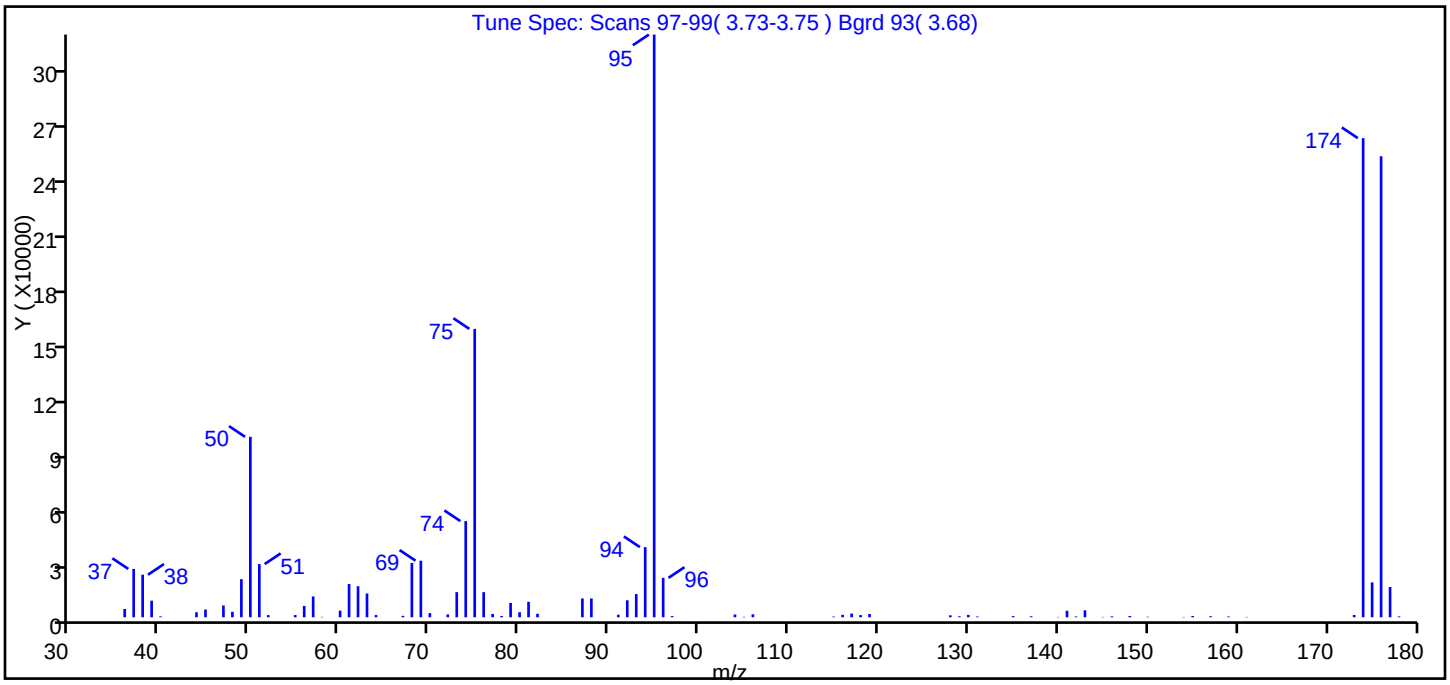
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.740	3.740	0.0	0	819430	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121211-15698.b\BFB8148.D		
Injection Date:	11-Dec-2012 03:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68080	Lims Sample ID:	1
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	30.97
75	30.00 - 60.00% of mass 95	49.49
96	5.00 - 9.00% of mass 95	6.76
173	Less than 2.00% of mass 174	0.39 (0.47)
174	Greater than 50.00% of mass 95	82.23
175	5.00 - 9.00% of mass 174	5.99 (7.28)
176	95.00 - 101.00% of mass 174	79.11 (96.20)
177	5.00 - 9.00% of mass 176	5.19 (6.56)

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\BFB8148.D\8260_8.rslt\spectra.d
Injection Date: 11-Dec-2012 03:04:30
Spectrum: Tune Spec: Scans 97-99(3.73-3.75) Bgrd 93(3.68)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 79

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4461	63.00	12810	92.00	9141	140.00	184
37.00	26000	64.00	1189	93.00	12479	141.00	3490
38.00	22912	67.00	756	94.00	37768	142.00	435
39.00	8917	68.00	29240	95.00	313728	143.00	3727
40.00	464	69.00	30448	96.00	21216	145.00	176
44.00	2712	70.00	2215	97.00	620	146.00	486
45.00	4162	72.00	1526	104.00	1482	148.00	681
47.00	6336	73.00	13531	105.00	224	150.00	256
48.00	2937	74.00	51768	106.00	1590	154.00	172
49.00	20512	75.00	155264	115.00	376	155.00	690
50.00	97168	76.00	13500	116.00	1316	157.00	538
51.00	28632	77.00	1778	117.00	1981	159.00	408
52.00	1175	78.00	713	118.00	1166	161.00	177
55.00	1195	79.00	7732	119.00	1715	173.00	1216
56.00	6111	80.00	2697	128.00	1044	174.00	257984
57.00	11207	81.00	8315	129.00	519	175.00	18784
58.00	204	82.00	1865	130.00	1252	176.00	248192
60.00	3574	87.00	10134	131.00	414	177.00	16291
61.00	17880	88.00	10101	135.00	625	178.00	469
62.00	16712	91.00	1342	137.00	510		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX8\20121211-15746.b\BFB8149.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	11-Dec-2012 22:03:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	240-0015746-001		
Misc. Info.:	M21211A,BFBSUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	68264	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121211-15746.b\8260_8.m		
Last Update:	12-Dec-2012 22:14:46	Calib Date:	11-Dec-2012 08:23:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK026		
First Level Reviewer: latat		Date:	12-Dec-2012 01:19:52

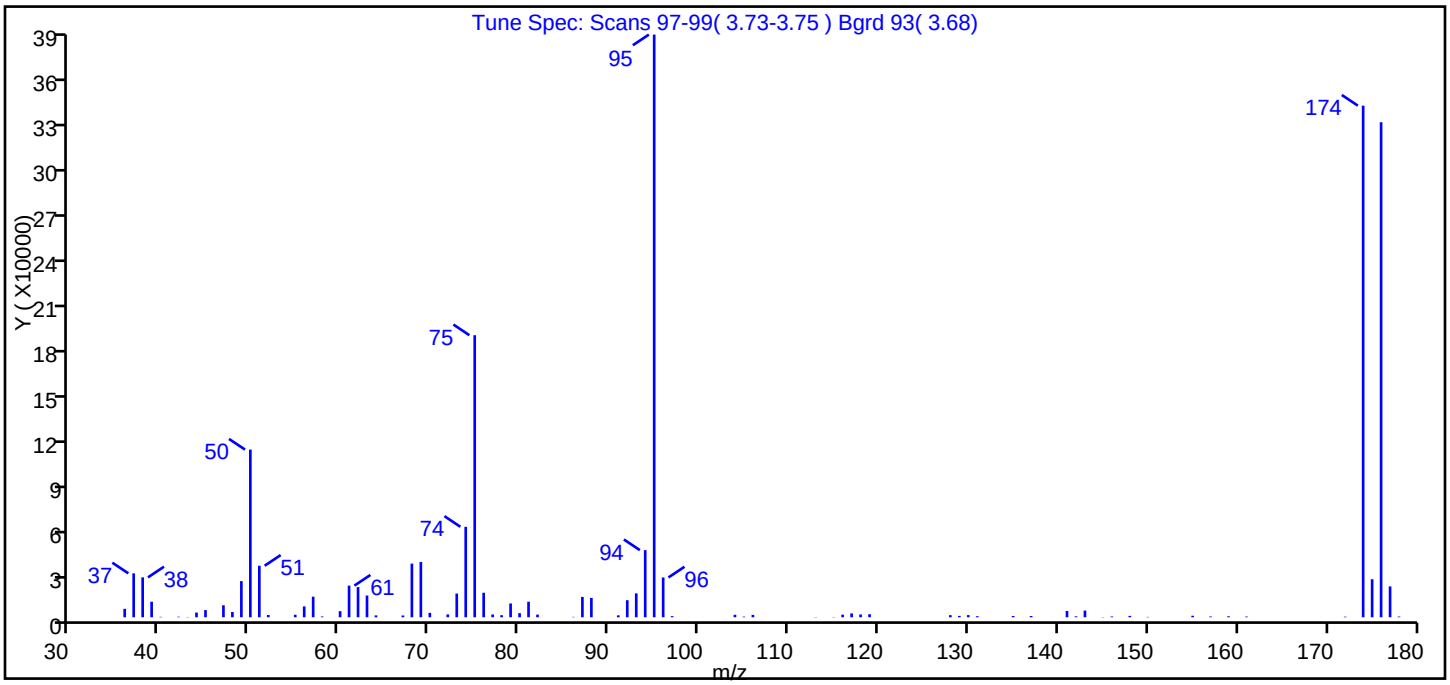
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.741	3.741	0.0	0	1133849	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121211-15746.b\BFB8149.D		
Injection Date:	11-Dec-2012 22:03:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68264	Lims Sample ID:	1
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	28.77
75	30.00 - 60.00% of mass 95	48.41
96	5.00 - 9.00% of mass 95	6.83
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	87.81
175	5.00 - 9.00% of mass 174	6.53 (7.43)
176	95.00 - 101.00% of mass 174	84.96 (96.76)
177	5.00 - 9.00% of mass 176	5.29 (6.23)

Data File: \\Ncchrom\ChromData\A3UX8\20121211-15746.b\BFB8149.D\8260_8.rslt\spectra.d
Injection Date: 11-Dec-2012 22:03:30
Spectrum: Tune Spec: Scans 97-99(3.73-3.75) Bgrd 93(3.68)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 81

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5559	62.00	19904	91.00	1276	137.00	830
37.00	28944	63.00	14330	92.00	11246	141.00	4170
38.00	26304	64.00	1231	93.00	15753	142.00	607
39.00	10220	67.00	1174	94.00	44256	143.00	4399
40.00	287	68.00	35360	95.00	384192	145.00	176
42.00	349	69.00	36456	96.00	26256	146.00	508
43.00	174	70.00	2914	97.00	748	148.00	911
44.00	3108	72.00	1861	104.00	1630	150.00	240
45.00	4742	73.00	15641	105.00	408	155.00	989
47.00	7904	74.00	59640	106.00	1565	157.00	505
48.00	3436	75.00	185984	113.00	167	159.00	644
49.00	23848	76.00	16154	115.00	183	161.00	461
50.00	110544	77.00	1825	116.00	1709	172.00	384
51.00	33968	78.00	1350	117.00	2525	174.00	337344
52.00	1501	79.00	9090	118.00	1836	175.00	25080
55.00	1658	80.00	2716	119.00	1998	176.00	326400
56.00	7148	81.00	10231	128.00	1385	177.00	20336
57.00	13569	82.00	1749	129.00	884	178.00	464
58.00	509	86.00	250	130.00	1421		
60.00	4010	87.00	13411	131.00	706		
61.00	20856	88.00	12743	135.00	829		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX8\20121213-15834.b\BFB8152.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	13-Dec-2012 22:28:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	240-0015834-001		
Misc. Info.:	M21213A,BFBSUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	68663	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121213-15834.b\8260_8.m		
Last Update:	18-Dec-2012 01:32:07	Calib Date:	11-Dec-2012 08:23:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK027		
First Level Reviewer: latat		Date:	13-Dec-2012 22:46:12

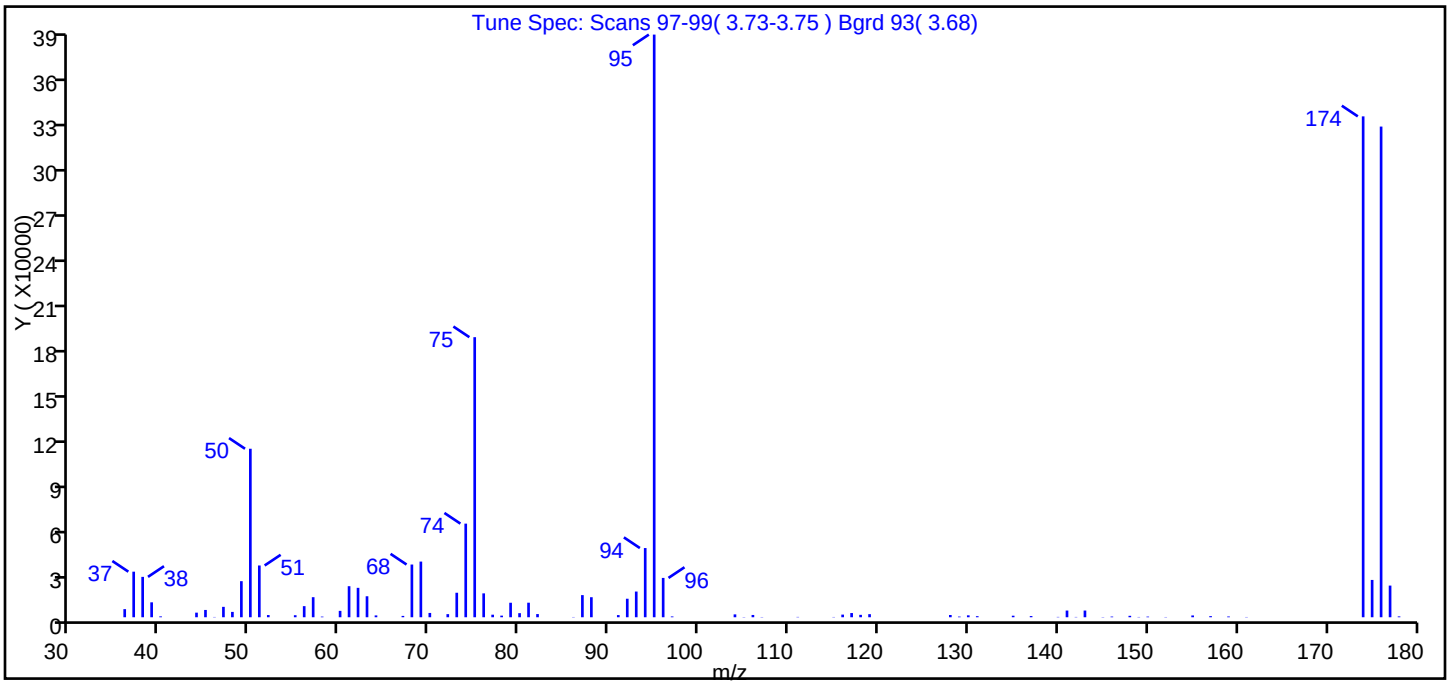
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.741	3.741	0.0	0	1072594	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121213-15834.b\BFB8152.D		
Injection Date:	13-Dec-2012 22:28:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68663	Lims Sample ID:	1
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	28.92
75	30.00 - 60.00% of mass 95	48.07
96	5.00 - 9.00% of mass 95	6.75
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	85.96
175	5.00 - 9.00% of mass 174	6.40 (7.45)
176	95.00 - 101.00% of mass 174	84.21 (97.96)
177	5.00 - 9.00% of mass 176	5.43 (6.45)

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\BFB8152.D\8260_8.rslt\spectra.d
Injection Date: 13-Dec-2012 22:28:30
Spectrum: Tune Spec: Scans 97-99(3.73-3.75) Bgrd 93(3.68)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 83

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5401	63.00	13966	92.00	12319	137.00	797
37.00	30320	64.00	1226	93.00	17104	140.00	231
38.00	26864	67.00	900	94.00	46032	141.00	4457
39.00	9930	68.00	35072	95.00	387584	142.00	212
40.00	573	69.00	37032	96.00	26168	143.00	4465
44.00	3058	70.00	2868	97.00	540	145.00	171
45.00	4859	72.00	2072	104.00	1915	146.00	460
46.00	193	73.00	16299	105.00	166	148.00	960
47.00	6924	74.00	62280	106.00	1522	149.00	192
48.00	3560	75.00	186304	107.00	174	150.00	437
49.00	24008	76.00	15888	111.00	227	152.00	176
50.00	112088	77.00	1709	115.00	189	155.00	1197
51.00	34440	78.00	1081	116.00	1765	157.00	742
52.00	1462	79.00	9652	117.00	2804	159.00	512
55.00	1352	80.00	2721	118.00	1606	161.00	184
56.00	7391	81.00	9678	119.00	2053	174.00	333184
57.00	13348	82.00	2116	128.00	1497	175.00	24824
58.00	434	86.00	179	129.00	453	176.00	326400
60.00	4250	87.00	14726	130.00	1281	177.00	21064
61.00	20656	88.00	13330	131.00	719	178.00	565
62.00	19568	91.00	1440	135.00	1029		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX8\20121214-15873.b\BFB8153.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	14-Dec-2012 20:55:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	240-0015873-001		
Misc. Info.:	M21214A,BFBSUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	68830	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m		
Last Update:	15-Dec-2012 14:27:25	Calib Date:	15-Dec-2012 00:08:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK008		
First Level Reviewer: latat		Date:	14-Dec-2012 22:00:44

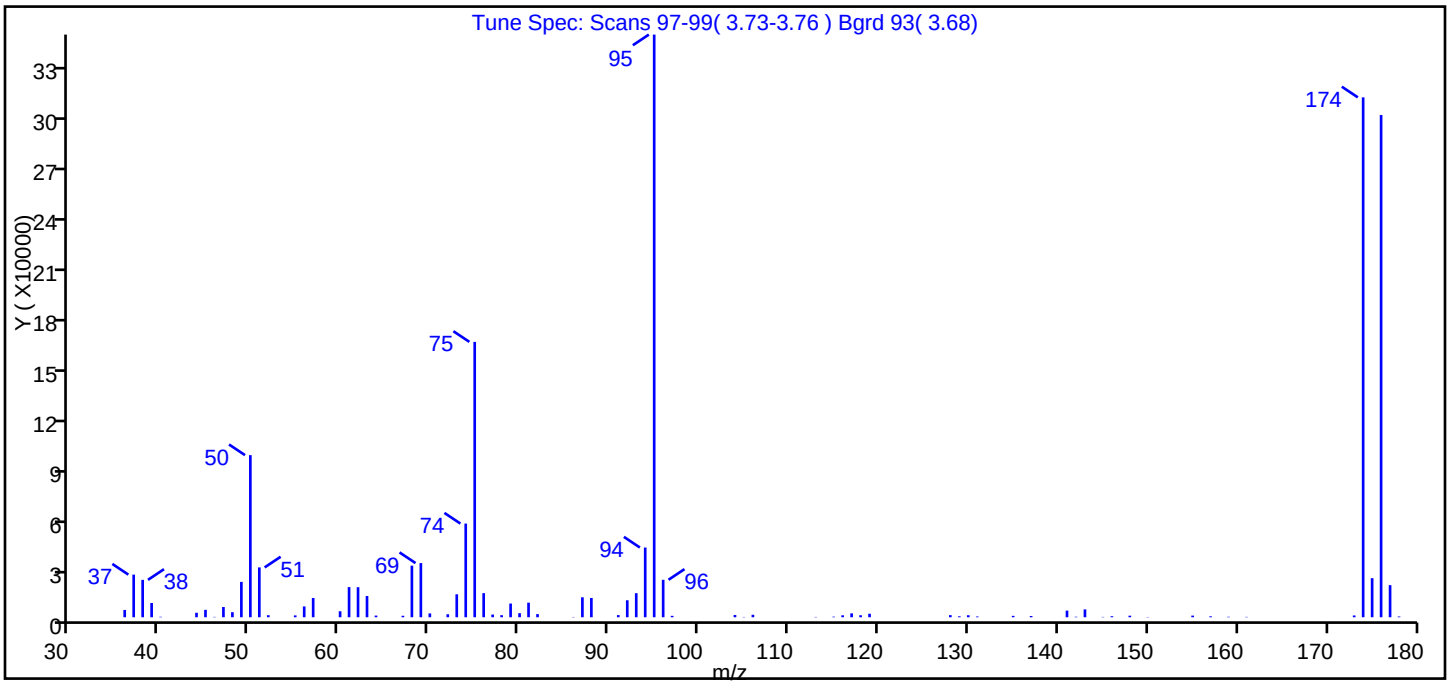
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.744	3.744	0.0	0	1012415	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121214-15873.b\BFB8153.D		
Injection Date:	14-Dec-2012 20:55:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	1
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	27.82
75	30.00 - 60.00% of mass 95	47.26
96	5.00 - 9.00% of mass 95	6.43
173	Less than 2.00% of mass 174	0.31 (0.35)
174	Greater than 50.00% of mass 95	89.23
175	5.00 - 9.00% of mass 174	6.70 (7.51)
176	95.00 - 101.00% of mass 174	86.19 (96.60)
177	5.00 - 9.00% of mass 176	5.51 (6.40)

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\BFB8153.D\8260_8.rslt\spectra.d
Injection Date: 14-Dec-2012 20:55:30
Spectrum: Tune Spec: Scans 97-99(3.73-3.76) Bgrd 93(3.68)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 79

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4363	63.00	12712	91.00	1288	135.00	842
37.00	25480	64.00	1004	92.00	10145	137.00	759
38.00	22352	67.00	891	93.00	14384	141.00	3964
39.00	8525	68.00	30832	94.00	41664	142.00	316
40.00	281	69.00	32376	95.00	348160	143.00	4698
44.00	2673	70.00	2297	96.00	22384	145.00	210
45.00	4428	72.00	1795	97.00	849	146.00	619
46.00	216	73.00	13720	104.00	1339	148.00	934
47.00	6123	74.00	55976	105.00	179	150.00	168
48.00	3020	75.00	164544	106.00	1482	155.00	986
49.00	21128	76.00	14404	113.00	196	157.00	558
50.00	96872	77.00	1625	115.00	351	159.00	282
51.00	29784	78.00	1237	116.00	1169	161.00	221
52.00	1234	79.00	8189	117.00	2337	173.00	1072
55.00	1107	80.00	2434	118.00	1202	174.00	310656
56.00	6477	81.00	8707	119.00	2101	175.00	23344
57.00	11499	82.00	1884	128.00	1259	176.00	300096
60.00	3588	86.00	170	129.00	561	177.00	19192
61.00	18016	87.00	11933	130.00	1210	178.00	456
62.00	17960	88.00	11532	131.00	461		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX8\20121215-15886.b\BFB8155.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	15-Dec-2012 16:52:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	240-0015886-001		
Misc. Info.:	M21215A,BFBSUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	68879	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m		
Last Update:	19-Dec-2012 02:39:18	Calib Date:	15-Dec-2012 00:08:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK028		
First Level Reviewer: latat		Date:	15-Dec-2012 17:13:09

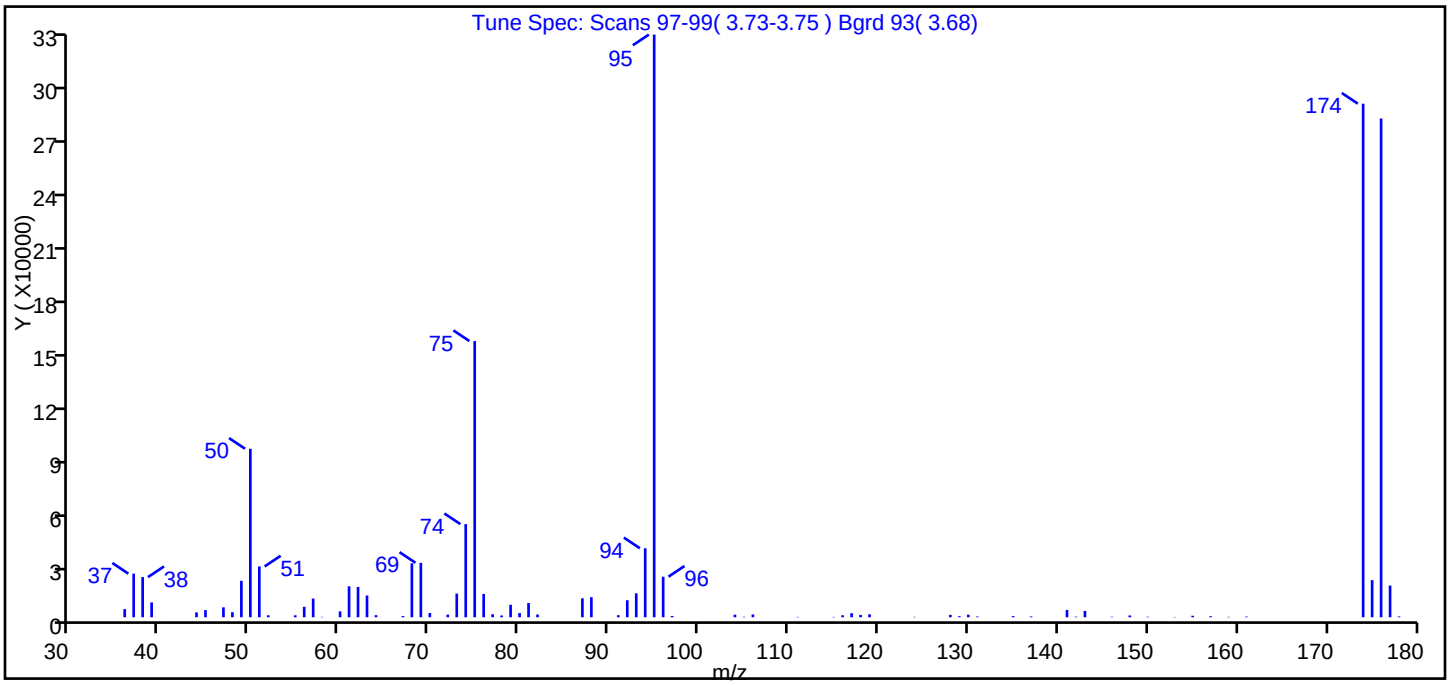
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.743	3.743	0.0	0	947808	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121215-15886.b\BFB8155.D		
Injection Date:	15-Dec-2012 16:52:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	1
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	28.92
75	30.00 - 60.00% of mass 95	47.41
96	5.00 - 9.00% of mass 95	6.96
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	88.14
175	5.00 - 9.00% of mass 174	6.37 (7.22)
176	95.00 - 101.00% of mass 174	85.60 (97.11)
177	5.00 - 9.00% of mass 176	5.44 (6.36)

Report Date: 19-Dec-2012 02:39:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\BFB8155.D\8260_8.rslt\spectra.d
Injection Date: 15-Dec-2012 16:52:30
Spectrum: Tune Spec: Scans 97-99(3.73-3.75) Bgrd 93(3.68)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 78

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4599	63.00	12302	92.00	9630	135.00	662
37.00	24640	64.00	1179	93.00	13515	137.00	468
38.00	22680	67.00	684	94.00	38984	141.00	4143
39.00	8383	68.00	30520	95.00	329280	142.00	352
40.00	24	69.00	30760	96.00	22928	143.00	3583
44.00	2756	70.00	2388	97.00	756	146.00	280
45.00	4048	72.00	1481	104.00	1436	148.00	1020
47.00	5615	73.00	13370	105.00	265	150.00	276
48.00	2857	74.00	52624	106.00	1595	153.00	172
49.00	20592	75.00	156096	111.00	205	155.00	856
50.00	95232	76.00	13196	115.00	196	157.00	587
51.00	28720	77.00	1704	116.00	1128	159.00	235
52.00	1126	78.00	1002	117.00	2287	161.00	387
55.00	1102	79.00	7045	118.00	1308	174.00	290240
56.00	5898	80.00	2361	119.00	1650	175.00	20968
57.00	10571	81.00	8052	124.00	207	176.00	281856
58.00	221	82.00	1548	128.00	1362	177.00	17912
60.00	3307	87.00	10696	129.00	568	178.00	485
61.00	17496	88.00	11340	130.00	1462		
62.00	17152	91.00	1176	131.00	418		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX8\20121216-15896.b\BFB8156.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	16-Dec-2012 22:59:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	240-0015896-001		
Misc. Info.:	M21216A,BFBSUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	68905	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121216-15896.b\8260_8.m		
Last Update:	20-Dec-2012 03:33:03	Calib Date:	15-Dec-2012 00:08:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK025		
First Level Reviewer: latat		Date:	16-Dec-2012 23:27:48

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.741	3.741	0.0	0	1021194	0	

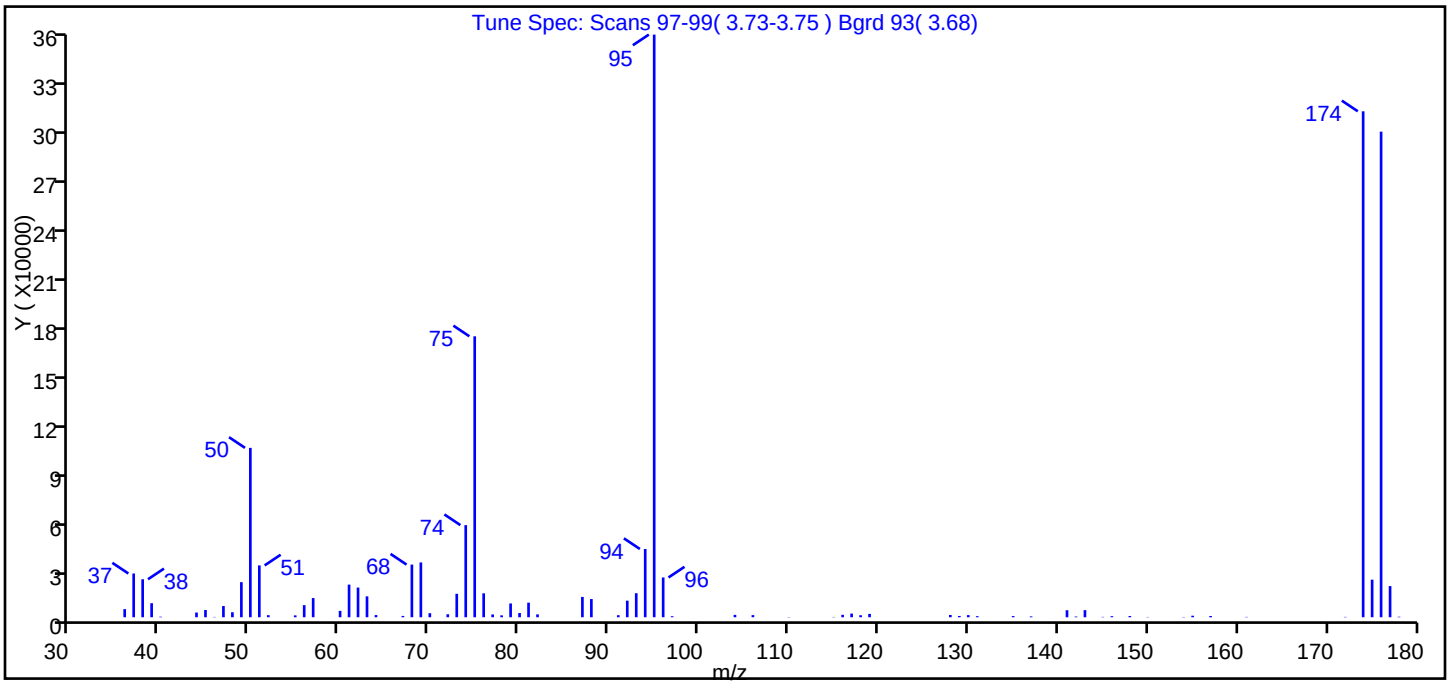
Report Date: 20-Dec-2012 03:33:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121216-15896.b\BFB8156.D		
Injection Date:	16-Dec-2012 22:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	1
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	29.07
75	30.00 - 60.00% of mass 95	48.22
96	5.00 - 9.00% of mass 95	6.83
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	86.84
175	5.00 - 9.00% of mass 174	6.45 (7.43)
176	95.00 - 101.00% of mass 174	83.34 (95.98)
177	5.00 - 9.00% of mass 176	5.35 (6.42)

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\BFB8156.D\8260_8.rslt\spectra.d
Injection Date: 16-Dec-2012 22:59:30
Spectrum: Tune Spec: Scans 97-99(3.73-3.75) Bgrd 93(3.68)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 77

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4996	63.00	12813	92.00	10177	141.00	4310
37.00	26832	64.00	1340	93.00	14753	142.00	453
38.00	23296	67.00	815	94.00	41856	143.00	4367
39.00	8619	68.00	32296	95.00	357312	145.00	236
40.00	338	69.00	33616	96.00	24392	146.00	652
44.00	2891	70.00	2493	97.00	622	148.00	743
45.00	4455	72.00	1834	104.00	1455	150.00	186
46.00	203	73.00	14370	106.00	1306	154.00	184
47.00	6886	74.00	56504	110.00	173	155.00	944
48.00	3063	75.00	172288	115.00	182	157.00	775
49.00	21536	76.00	14681	116.00	1497	161.00	223
50.00	103880	77.00	1727	117.00	2253	172.00	225
51.00	31800	78.00	1157	118.00	1235	174.00	310272
52.00	1286	79.00	8461	119.00	2075	175.00	23056
55.00	1145	80.00	2596	128.00	1401	176.00	297792
56.00	7426	81.00	8949	129.00	789	177.00	19128
57.00	11777	82.00	1761	130.00	1315	178.00	327
60.00	3908	87.00	12463	131.00	668		
61.00	20008	88.00	11164	135.00	731		
62.00	18208	91.00	1267	137.00	528		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\BFB8158.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	17-Dec-2012 22:30:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	240-0015937-002		
Misc. Info.:	M21217A,BFBSUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69093	Lims Sample ID:	2
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m		
Last Update:	22-Dec-2012 01:45:26	Calib Date:	15-Dec-2012 00:08:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK020		
First Level Reviewer: latat		Date:	17-Dec-2012 22:45:59

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.743	3.743	0.0	0	909747	0	

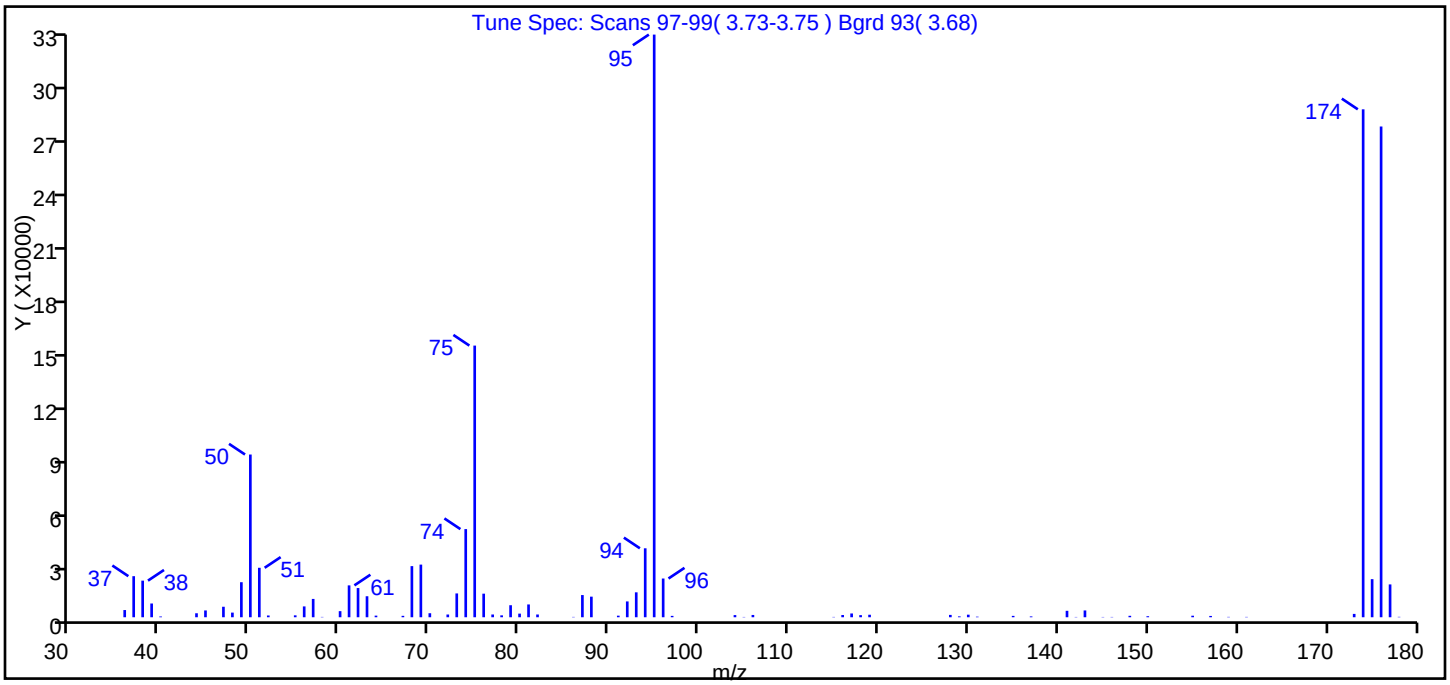
Report Date: 22-Dec-2012 01:45:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\BFB8158.D		
Injection Date:	17-Dec-2012 22:30:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	2
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	27.93
75	30.00 - 60.00% of mass 95	46.62
96	5.00 - 9.00% of mass 95	6.65
173	Less than 2.00% of mass 174	0.58 (0.66)
174	Greater than 50.00% of mass 95	87.18
175	5.00 - 9.00% of mass 174	6.54 (7.50)
176	95.00 - 101.00% of mass 174	84.23 (96.62)
177	5.00 - 9.00% of mass 176	5.64 (6.69)

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\BFB8158.D\8260_8.rslt\spectra.d
Injection Date: 17-Dec-2012 22:30:30
Spectrum: Tune Spec: Scans 97-99(3.73-3.75) Bgrd 93(3.68)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 78

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4081	63.00	11897	91.00	899	137.00	478
37.00	23256	64.00	920	92.00	8961	141.00	3648
38.00	20728	67.00	803	93.00	14113	142.00	173
39.00	7788	68.00	28944	94.00	39040	143.00	3856
40.00	434	69.00	29808	95.00	329856	145.00	170
44.00	2263	70.00	2282	96.00	21928	146.00	180
45.00	3854	72.00	1552	97.00	784	148.00	821
47.00	5947	73.00	13484	104.00	1226	150.00	586
48.00	2633	74.00	49904	105.00	173	155.00	870
49.00	19840	75.00	153792	106.00	1298	157.00	745
50.00	92128	76.00	13355	115.00	189	159.00	213
51.00	28008	77.00	1568	116.00	1265	161.00	202
52.00	999	78.00	1080	117.00	2145	173.00	1900
55.00	1086	79.00	6810	118.00	1198	174.00	287552
56.00	6139	80.00	2058	119.00	1426	175.00	21568
57.00	10379	81.00	7250	128.00	1333	176.00	277824
58.00	192	82.00	1561	129.00	493	177.00	18592
60.00	3454	86.00	196	130.00	1458	178.00	236
61.00	18048	87.00	12563	131.00	336		
62.00	16536	88.00	11663	135.00	779		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX8\20121231-16325.b\BFB8166.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	31-Dec-2012 17:31:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	240-0016325-001		
Misc. Info.:	M21231A,BFBSUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	70792	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121231-16325.b\8260_8.m		
Last Update:	02-Jan-2013 19:59:11	Calib Date:	15-Dec-2012 00:08:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: latat		Date:	31-Dec-2012 20:05:19

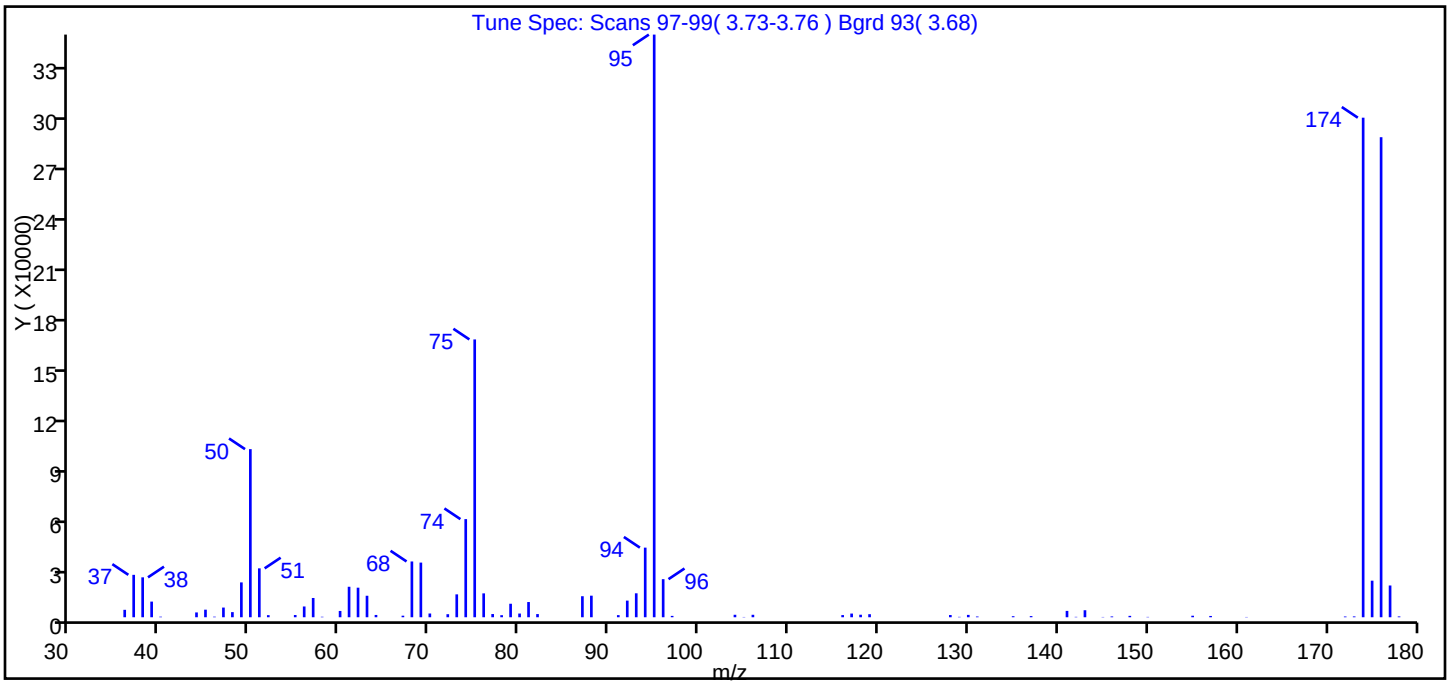
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.744	3.744	0.0	0	874116	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121231-16325.b\BFB8166.D		
Injection Date:	31-Dec-2012 17:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	70792	Lims Sample ID:	1
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	28.85
75	30.00 - 60.00% of mass 95	47.68
96	5.00 - 9.00% of mass 95	6.54
173	Less than 2.00% of mass 174	0.14 (0.17)
174	Greater than 50.00% of mass 95	85.74
175	5.00 - 9.00% of mass 174	6.28 (7.32)
176	95.00 - 101.00% of mass 174	82.39 (96.09)
177	5.00 - 9.00% of mass 176	5.45 (6.62)

Report Date: 02-Jan-2013 19:59:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A3UX8\20121231-16325.b\BFB8166.D\8260_8.rslt\spectra.d
Injection Date: 31-Dec-2012 17:31:30
Spectrum: Tune Spec: Scans 97-99(3.73-3.76) Bgrd 93(3.68)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 77

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4439	62.00	17648	91.00	1266	141.00	3791
37.00	25320	63.00	12833	92.00	9930	142.00	249
38.00	23824	64.00	1372	93.00	14297	143.00	4192
39.00	9344	67.00	932	94.00	41552	145.00	178
40.00	345	68.00	33296	95.00	347776	146.00	485
44.00	2880	69.00	32624	96.00	22736	148.00	832
45.00	4524	70.00	2242	97.00	818	150.00	214
46.00	344	72.00	1823	104.00	1482	155.00	908
47.00	5785	73.00	13664	105.00	170	157.00	773
48.00	3060	74.00	58576	106.00	1477	161.00	174
49.00	20808	75.00	165824	116.00	1294	172.00	450
50.00	100344	76.00	14255	117.00	2207	173.00	498
51.00	29192	77.00	1924	118.00	1509	174.00	298176
52.00	1252	78.00	1231	119.00	1824	175.00	21832
55.00	1326	79.00	8064	128.00	1320	176.00	286528
56.00	6432	80.00	2214	129.00	243	177.00	18960
57.00	11504	81.00	9086	130.00	1412	178.00	494
58.00	294	82.00	1896	131.00	453		
60.00	3760	87.00	12554	135.00	619		
61.00	18200	88.00	12879	137.00	696		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-68395/6

Matrix: Water | Lab File ID: UXJ8972.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/12/2012 14:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68395 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.57	U	10	0.57	0.57
67-64-1	Acetone	1.1	U	10	1.1	1.1
71-43-2	Benzene	0.25	U	1.0	0.25	0.13
75-25-2	Bromoform	0.64	U	1.0	0.64	0.64
75-34-3	1,1-Dichloroethane	0.25	U	1.0	0.25	0.15
74-83-9	Bromomethane	0.50	U	1.0	0.50	0.41
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25	0.22
75-15-0	Carbon disulfide	0.25	U	1.0	0.25	0.13
56-23-5	Carbon tetrachloride	0.25	U	1.0	0.25	0.13
75-35-4	1,1-Dichloroethene	0.25	U	1.0	0.25	0.19
108-90-7	Chlorobenzene	0.25	U	1.0	0.25	0.15
540-59-0	1,2-Dichloroethene, Total	0.50	U	2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25	0.18
75-27-4	Bromodichloromethane	0.25	U	1.0	0.25	0.15
74-87-3	Chloromethane	0.50	U	1.0	0.50	0.30
591-78-6	2-Hexanone	0.50	U	10	0.50	0.41
10061-01-5	cis-1,3-Dichloropropene	0.25	U	1.0	0.25	0.14
108-10-1	4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.50	0.32
124-48-1	Dibromochloromethane	0.25	U	1.0	0.25	0.18
100-41-4	Ethylbenzene	0.25	U	1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	0.25	U	1.0	0.25	0.17
75-09-2	Methylene Chloride	0.691	J	1.0	0.50	0.33
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.25	0.18
100-42-5	Styrene	0.25	U	1.0	0.25	0.11
127-18-4	Tetrachloroethene	0.50	U	1.0	0.50	0.29
108-88-3	Toluene	0.25	U	1.0	0.25	0.13
67-66-3	Chloroform	0.25	U	1.0	0.25	0.16
71-55-6	1,1,1-Trichloroethane	0.25	U	1.0	0.25	0.22
74-97-5	Bromochloromethane	0.50	U	1.0	0.50	0.29
79-00-5	1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.27
106-93-4	1,2-Dibromoethane	0.25	U	1.0	0.25	0.24
10061-02-6	trans-1,3-Dichloropropene	0.25	U	1.0	0.25	0.19
79-01-6	Trichloroethene	0.25	U	1.0	0.25	0.17
75-01-4	Vinyl chloride	0.25	U	1.0	0.25	0.22
75-00-3	Chloroethane	0.50	U	1.0	0.50	0.29
1330-20-7	Xylenes, Total	0.75	U	2.0	0.75	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-68395/6

Matrix: Water Lab File ID: UXJ8972.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/12/2012 14:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68395 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-120
2037-26-5	Toluene-d8 (Surr)	98		85-120
460-00-4	4-Bromofluorobenzene (Surr)	102		75-120
1868-53-7	Dibromofluoromethane (Surr)	90		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8972.D
Lims ID: MB Client ID:
Inject. Date: 12-Dec-2012 14:01:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015761-006
Misc. Info.: J21212A,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 7
Lims Batch ID: 68395 Lims Sample ID: 6
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\8260_11.m
Last Update: 13-Dec-2012 08:28:24 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: evansle Date: 12-Dec-2012 14:30:51

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1177245	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	85	682350	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	94	221257	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	94	242783	7.53	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	86	296321	7.93	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	84	958147	8.20	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	90	198133	8.48	
135 Chlorodifluoromethane TIC	1		0.000					
136 1,4-Dichlorobutane	1		0.000					
8 Dichlorodifluoromethane	85		1.542					
9 Chloromethane	50		1.696					
10 Vinyl chloride	62		1.790					
11 Bromomethane	94		2.074					
12 Chloroethane	64		2.157					
13 Dichlorofluoromethane	67		2.299					
14 Trichlorofluoromethane	101		2.358					
15 Ethyl ether	59		2.559					
16 Acrolein	56		2.654					
17 Acetone	43		2.772					9
19 1,1-Dichloroethene	96		2.784					
18 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.784					
20 Methylal	45		2.856					9
21 Iodomethane	142		2.914					
23 Carbon disulfide	76		2.973					
24 Acetonitrile	41		2.997					
22 3-Chloro-1-propene	76		3.044					
25 Methyl acetate	43		3.044					9
26 Methylene Chloride	84	3.151	3.163	-0.012	77	16074	0.6910	
27 2-Methyl-2-propanol	59		3.198					
28 Acrylonitrile	53		3.317					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methyl tert-butyl ether	73		3.364					
29 trans-1,2-Dichloroethene	96		3.364					
31 Hexane	86		3.589					
32 1,1-Dichloroethane	63		3.695					
33 Vinyl acetate	86		3.731					
34 Isopropyl ether	87		3.754					
35 2-Chloro-1,3-butadiene	53		3.778					
37 Tert-butyl ethyl ether	59		4.050					
40 cis-1,2-Dichloroethene	96		4.169					
38 2-Butanone (MEK)	43		4.169					
39 2,2-Dichloropropane	77		4.169					
36 Propionitrile	54		4.204					
41 Ethyl acetate	43		4.216					9
42 Methacrylonitrile	41		4.334					
43 Chlorobromomethane	128		4.358					
44 Tetrahydrofuran	42		4.405					
45 Chloroform	83		4.417					
46 1,1,1-Trichloroethane	97		4.595					
47 Cyclohexane	56		4.654					
48 1,1-Dichloropropene	75		4.725					
49 Carbon tetrachloride	117		4.737					
50 Isobutyl alcohol	41		4.772					
52 Benzene	78		4.902					9
51 1,2-Dichloroethane	62		4.902					
53 Tert-amyl methyl ether	73		4.985					
54 n-Heptane	100		5.115					
55 n-Butanol	56		5.328					
56 Trichloroethene	130		5.435					
57 Ethyl acrylate	55		5.494					
59 1,2-Dichloropropane	63		5.612					
58 Methylcyclohexane	83		5.612					
60 Methyl methacrylate	41		5.695					
61 Dibromomethane	93		5.719					
62 1,4-Dioxane	88		5.719					
63 Dichlorobromomethane	83		5.837					
64 2-Nitropropane	41		6.026					
65 2-Chloroethyl vinyl ether	63		6.086					
66 cis-1,3-Dichloropropene	75		6.228					
67 4-Methyl-2-pentanone (MIBK)	43		6.358					
68 Toluene	91		6.535					9
69 trans-1,3-Dichloropropene	75		6.713					
70 Ethyl methacrylate	69		6.784					
71 1,1,2-Trichloroethane	97		6.878					
72 Tetrachloroethene	164		7.032					
73 1,3-Dichloropropane	76		7.032					
74 2-Hexanone	43		7.091					9
132 n-Butyl acetate	43		7.209					19
76 Chlorodibromomethane	129		7.245					
75 Tetrahydrothiophene	60		7.255					
77 Ethylene Dibromide	107		7.352					
78 1-Chlorohexane	91		7.778					9
79 Chlorobenzene	112		7.813					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
80 1,1,1,2-Tetrachloroethane	131		7.884					
81 Ethylbenzene	106		7.908					
82 m-Xylene & p-Xylene	106		8.014					
83 o-Xylene	106		8.393					
84 Styrene	104		8.405					
85 Bromoform	173		8.582					
86 Isopropylbenzene	105		8.748					
87 Cyclohexanone	55		8.831					
88 1,1,2,2-Tetrachloroethane	83		9.020					
89 Bromobenzene	156		9.044					
90 1,2,3-Trichloropropane	110		9.067					
91 trans-1,4-Dichloro-2-butene	53		9.067					
92 N-Propylbenzene	120		9.150					
93 2-Chlorotoluene	126		9.233					
94 1,3,5-Trimethylbenzene	105		9.316					
95 4-Chlorotoluene	126		9.340					
96 tert-Butylbenzene	119		9.635					
97 1,2,4-Trimethylbenzene	105		9.683					9
98 sec-Butylbenzene	105		9.860					9
99 1,3-Dichlorobenzene	146		9.967					
100 4-Isopropyltoluene	119		9.990					9
101 1,4-Dichlorobenzene	146		10.050					
102 1,2,3-Trimethylbenzene	105		10.108					9
133 Benzyl chloride	126		10.180					
103 n-Butylbenzene	91		10.405					
104 1,2-Dichlorobenzene	146		10.416					
105 1,2-Dibromo-3-Chloropropane	157		11.186					
106 1,3,5-Trichlorobenzene	180		11.410					
107 1,2,4-Trichlorobenzene	180		12.026					9
108 Hexachlorobutadiene	225		12.203					9
109 Naphthalene	128		12.274					9
110 1,2,3-Trichlorobenzene	180		12.523					9
111 2-Methylnaphthalene	142		13.552					
S 138 Trihalomethanes, Total	1		0.000					
S 112 1,2-Dichloroethene, Total	96		1.140					
S 113 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106		16.530					
T 139 Butyl Methacrylate TIC	1		8.925					1
T 137 Hexachloroethane TIC	1		10.774					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

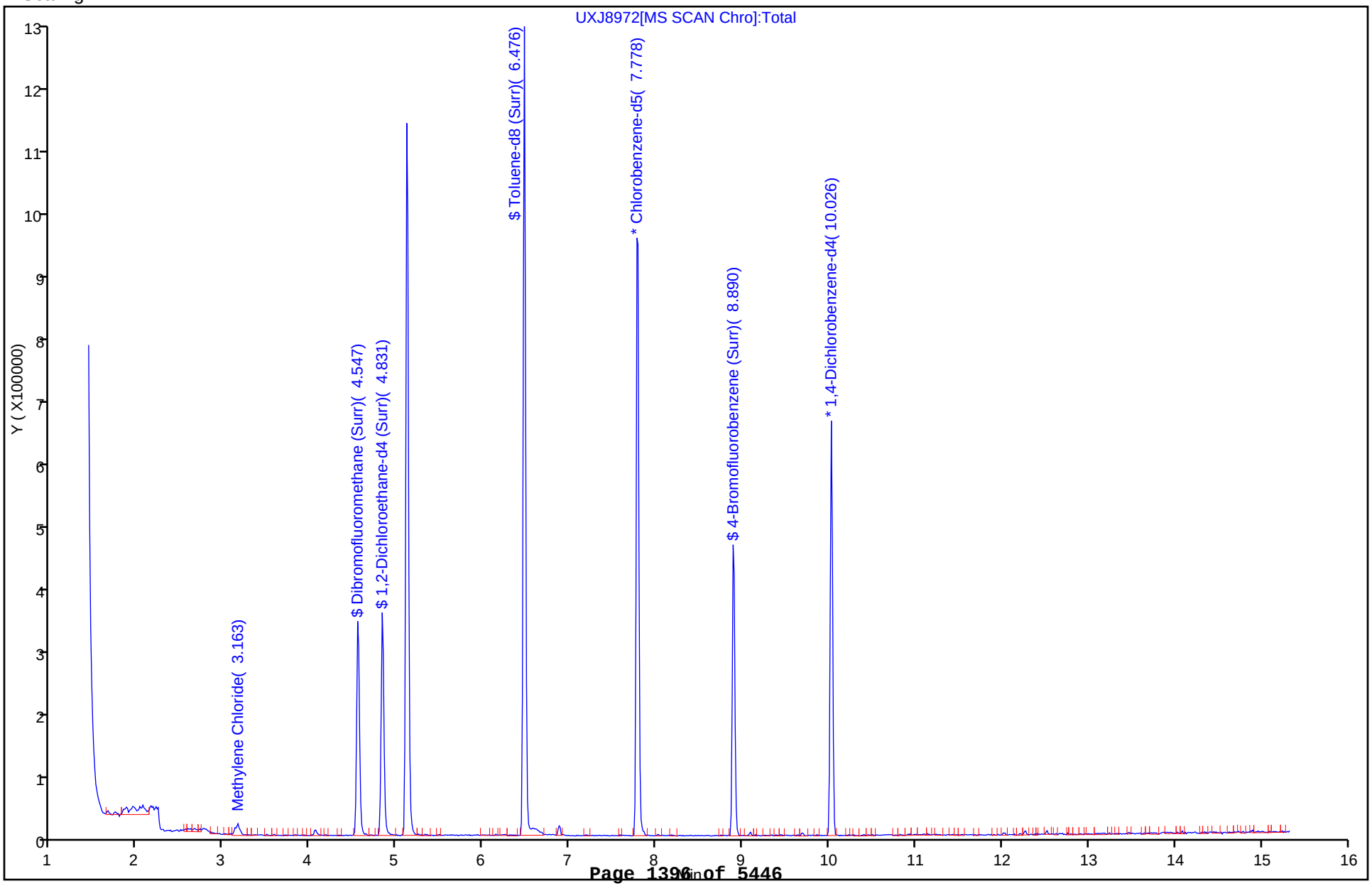
Report Date: 13-Dec-2012 08:28:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8972.D

Injection Date:	12-Dec-2012 14:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68395	Lims Sample ID:	6
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



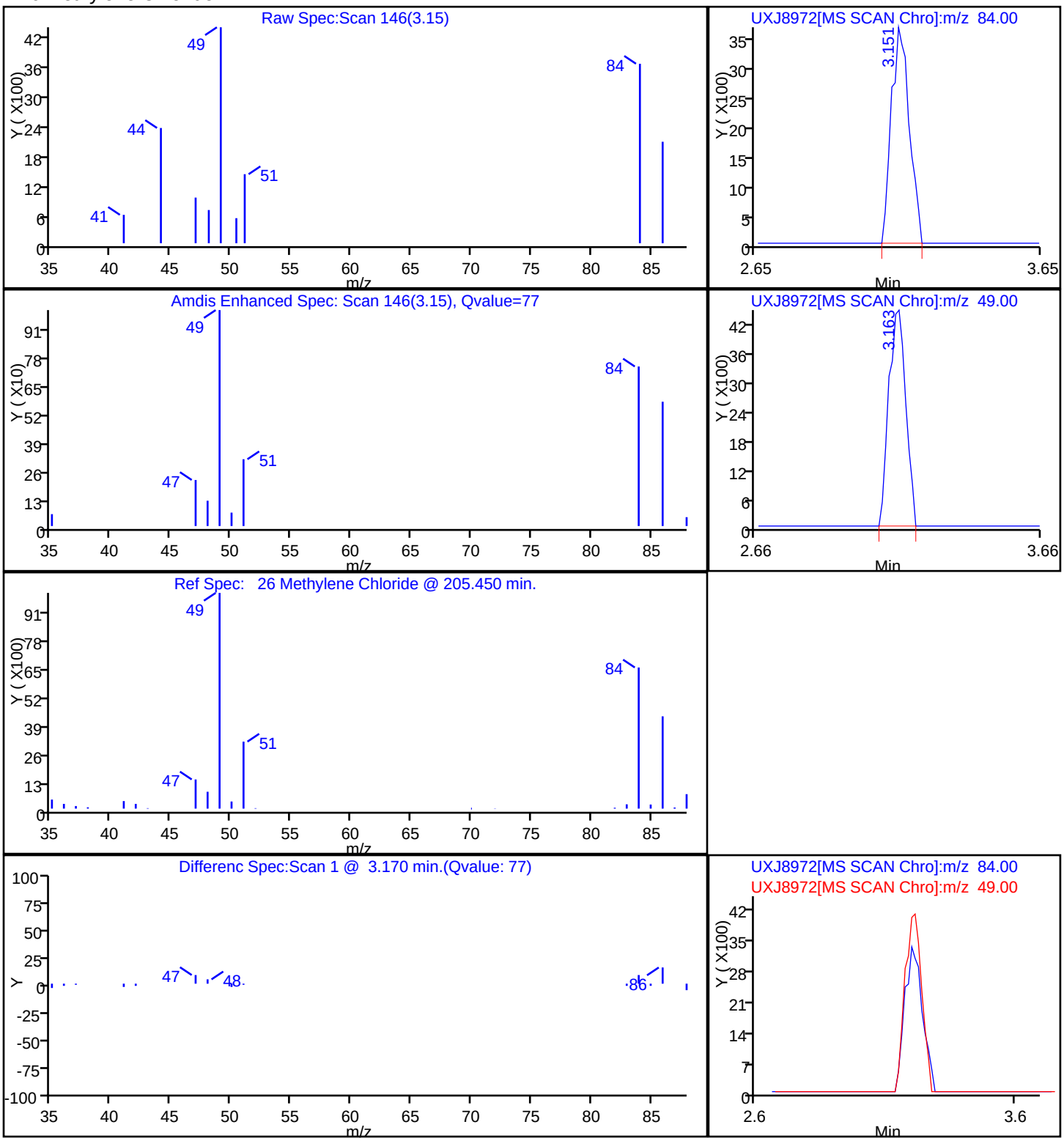
Report Date: 13-Dec-2012 08:28:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8972.D

Injection Date:	12-Dec-2012 14:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68395	Lims Sample ID:	6
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-68663/7

Matrix: Solid Lab File ID: UX82428.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/14/2012 00:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68663 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.50	U	5.0	0.50	0.23
100-41-4	Ethylbenzene	0.50	U	5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	0.50	U	5.0	0.50	0.43
108-88-3	Toluene	0.50	U	5.0	0.50	0.27
1330-20-7	Xylenes, Total	1.5	U	10	1.5	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		61-130
2037-26-5	Toluene-d8 (Surr)	104		85-115
460-00-4	4-Bromofluorobenzene (Surr)	102		85-120
1868-53-7	Dibromofluoromethane (Surr)	106		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82428.D
Lims ID: MB Client ID:
Inject. Date: 14-Dec-2012 00:35:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015834-007
Misc. Info.: M21213A,8260SUX8,,402279 =M21213A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 68663 Lims Sample ID: 7
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\8260_8.m
Last Update: 18-Dec-2012 01:32:10 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 14-Dec-2012 01:01:16

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.155	0.0	100	1754879	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.686	0.0	90	1248444	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.874	0.001	99	608467	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.625	-0.002	59	497475	53.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.885	-0.002	93	633959	51.9	
$ 7 Toluene-d8 (Surr)	98	6.421	6.423	-0.002	95	1792349	52.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.753	0.010	95	605263	51.0	
138 Butyl Methacrylate TIC	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
135 1,4-Dichlorobutane	1		0.000					
12 Dichlorodifluoromethane	85		1.573					
13 Chloromethane	50		1.750					
14 Vinyl chloride	62		1.869					
15 Bromomethane	94		2.176					
16 Chloroethane	64		2.271					
17 Dichlorofluoromethane	67		2.446					
18 Trichlorofluoromethane	101		2.508					
19 Ethyl ether	59	2.730	2.742	-0.012	74	8079	0.9327	
20 Acrolein	56		2.839					
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96		2.922					
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.945					
22 Acetone	43	2.955	2.957	-0.002	91	55842	3.88	
24 Iodomethane	142		3.052					
26 Carbon disulfide	76		3.111					
27 Acetonitrile	41		3.170					
29 3-Chloro-1-propene	76		3.215					
28 Methyl acetate	43		3.217					9
30 Methylene Chloride	84	3.298	3.300	-0.002	92	55730	4.29	
31 2-Methyl-2-propanol	59		3.371					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
32 Acrylonitrile	53		3.477					9
34 Methyl tert-butyl ether	73		3.513					
33 trans-1,2-Dichloroethene	96		3.513					
35 Hexane	86		3.726					
36 1,1-Dichloroethane	63		3.832					
37 Vinyl acetate	86		3.856					
38 Isopropyl ether	87		3.877					
39 2-Chloro-1,3-butadiene	53		3.913					
40 Tert-butyl ethyl ether	59		4.149					9
41 2-Butanone (MEK)	43		4.270					9
42 cis-1,2-Dichloroethene	96		4.270					
43 2,2-Dichloropropane	77		4.282					
45 Ethyl acetate	43		4.303					9
44 Propionitrile	54		4.303					
46 Methacrylonitrile	41		4.433					
47 Chlorobromomethane	128		4.447					
48 Tetrahydrofuran	42		4.495					
49 Chloroform	83		4.507					
50 1,1,1-Trichloroethane	97		4.660					
51 Cyclohexane	56		4.719					
52 1,1-Dichloropropene	75		4.790					
53 Carbon tetrachloride	117		4.802					
54 Isobutyl alcohol	41	4.824	4.812	0.012	55	10719	23.9	
56 1,2-Dichloroethane	62		4.944					
55 Benzene	78		4.944					9
57 Tert-amyl methyl ether	73		5.013					
58 n-Heptane	100		5.131					
59 n-Butanol	56		5.320					9
60 Trichloroethene	130		5.441					
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83		5.607					
62 1,2-Dichloropropane	63		5.618					
64 Methyl methacrylate	41		5.675					
65 Dibromomethane	93		5.713					
66 1,4-Dioxane	88		5.713					
67 Dichlorobromomethane	83		5.820					
68 2-Nitropropane	41		5.995					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75		6.186					
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.304	-0.001	81	12425	0.9685	
72 Toluene	91		6.482					9
73 trans-1,3-Dichloropropene	75		6.636					
74 Ethyl methacrylate	69		6.707					
75 1,1,2-Trichloroethane	97		6.801					
76 1,3-Dichloropropane	76		6.955					
77 Tetrachloroethene	164		6.955					
78 2-Hexanone	43	7.012	7.002	0.010	66	14955	1.67	
132 n-Butyl acetate	43		7.107					19
79 Chlorodibromomethane	129		7.156					
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107		7.274					
81 1-Chlorohexane	91		7.663					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Chlorobenzene	112		7.712					9
83 1,1,1,2-Tetrachloroethane	131		7.771					
84 Ethylbenzene	106		7.795					
10 m-Xylene & p-Xylene	106		7.901					9
85 o-Xylene	106		8.268					
86 Styrene	104		8.280					9
87 Bromoform	173		8.457					
88 Isopropylbenzene	105		8.611					9
89 Cyclohexanone	55	8.704	8.703	0.001	78	21894	9.65	
90 1,1,2,2-Tetrachloroethane	83		8.871					
91 Bromobenzene	156		8.907					
92 1,2,3-Trichloropropane	110		8.930					
93 trans-1,4-Dichloro-2-butene	53		8.930					
94 N-Propylbenzene	120		9.001					
95 2-Chlorotoluene	126		9.096					
96 1,3,5-Trimethylbenzene	105		9.167					9
104 4-Chlorotoluene	126		9.191					
97 tert-Butylbenzene	119		9.486					9
98 1,2,4-Trimethylbenzene	105	9.532	9.534	-0.002	1	3541	0.1479	
99 sec-Butylbenzene	105		9.699					9
100 1,3-Dichlorobenzene	146		9.818					9
101 4-Isopropyltoluene	119		9.841					9
102 1,4-Dichlorobenzene	146		9.900					9
103 1,2,3-Trimethylbenzene	105		9.945					9
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91		10.232					9
106 1,2-Dichlorobenzene	146		10.267					9
107 1,2-Dibromo-3-Chloropropane	157		11.024					
108 1,3,5-Trichlorobenzene	180		11.249					
109 1,2,4-Trichlorobenzene	180		11.852					
110 Hexachlorobutadiene	225		12.029					
111 Naphthalene	128	12.110	12.100	0.010	18	17149	1.56	
112 1,2,3-Trichlorobenzene	180		12.361					9
113 2-Methylnaphthalene	142		13.423					9
S 136 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106		16.530					
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

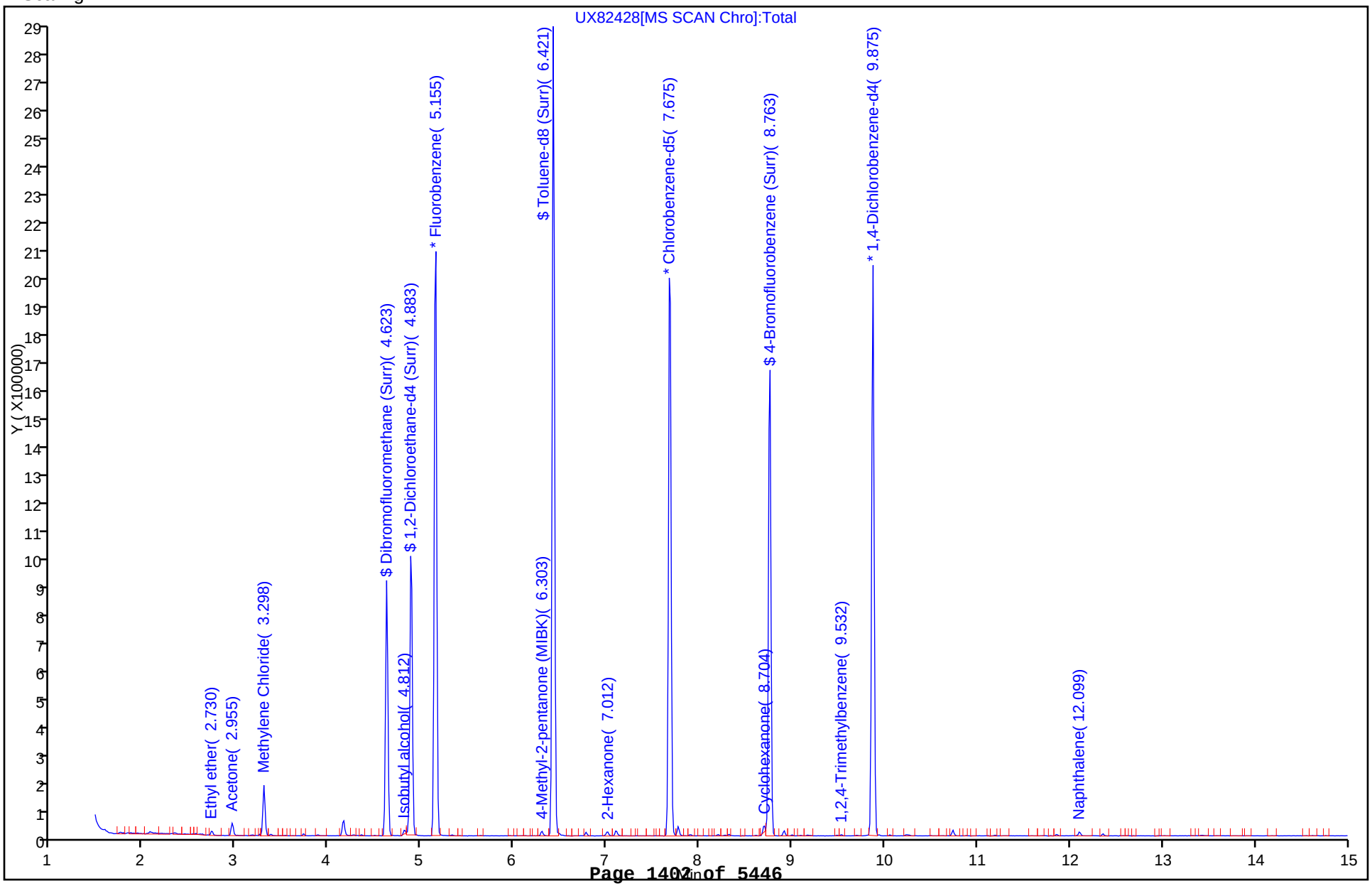
Report Date: 18-Dec-2012 01:32:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82428.D

Injection Date:	14-Dec-2012 00:35:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68663	Lims Sample ID:	7
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-68830/15

Matrix: Solid | Lab File ID: UX82468.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/15/2012 01:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	2.0	U	20	2.0	1.4
67-64-1	Acetone	6.3	U	20	6.3	6.3
71-43-2	Benzene	0.50	U	5.0	0.50	0.23
75-25-2	Bromoform	0.50	U	5.0	0.50	0.33
75-34-3	1,1-Dichloroethane	0.50	U	5.0	0.50	0.36
74-83-9	Bromomethane	1.0	U	5.0	1.0	0.54
107-06-2	1,2-Dichloroethane	0.50	U	5.0	0.50	0.34
75-15-0	Carbon disulfide	0.50	U	5.0	0.50	0.44
56-23-5	Carbon tetrachloride	0.50	U	5.0	0.50	0.37
75-35-4	1,1-Dichloroethene	1.0	U	5.0	1.0	0.52
108-90-7	Chlorobenzene	0.50	U	5.0	0.50	0.33
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.77
78-87-5	1,2-Dichloropropane	1.0	U	5.0	1.0	0.69
75-27-4	Bromodichloromethane	0.50	U	5.0	0.50	0.28
74-87-3	Chloromethane	0.50	U	5.0	0.50	0.41
591-78-6	2-Hexanone	0.897	J	20	1.0	0.63
10061-01-5	cis-1,3-Dichloropropene	0.50	U	5.0	0.50	0.34
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	20	1.0	0.54
124-48-1	Dibromochloromethane	1.0	U	5.0	1.0	0.55
100-41-4	Ethylbenzene	0.50	U	5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	0.50	U	5.0	0.50	0.43
75-09-2	Methylene Chloride	1.0	U	5.0	1.0	0.67
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	0.34
100-42-5	Styrene	0.50	U	5.0	0.50	0.15
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	0.52
108-88-3	Toluene	0.50	U	5.0	0.50	0.27
67-66-3	Chloroform	0.50	U	5.0	0.50	0.29
71-55-6	1,1,1-Trichloroethane	1.0	U	5.0	1.0	0.56
74-97-5	Bromochloromethane	1.0	U	5.0	1.0	0.71
79-00-5	1,1,2-Trichloroethane	0.50	U	5.0	0.50	0.39
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	0.50
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.0	1.0	0.54
79-01-6	Trichloroethene	0.50	U	5.0	0.50	0.42
75-01-4	Vinyl chloride	0.50	U	5.0	0.50	0.39
75-00-3	Chloroethane	1.0	U	5.0	1.0	0.86
1330-20-7	Xylenes, Total	1.5	U	10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-68830/15

Matrix: Solid Lab File ID: UX82468.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/15/2012 01:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		61-130
2037-26-5	Toluene-d8 (Surr)	99		85-115
460-00-4	4-Bromofluorobenzene (Surr)	96		85-120
1868-53-7	Dibromofluoromethane (Surr)	97		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82468.D
Lims ID: MB Client ID:
Inject. Date: 15-Dec-2012 01:54:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015873-015
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 14
Lims Batch ID: 68830 Lims Sample ID: 15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 02:14:42

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.147	5.158	-0.011	99	1605033	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.678	0.0	95	1135290	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	99	557372	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.626	0.0	59	388446	48.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.886	0.0	92	478779	47.6	
$ 7 Toluene-d8 (Surr)	98	6.424	6.424	0.0	95	1403369	49.3	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.754	0.0	92	475157	48.2	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.574					
13 Chloromethane	50		1.752					
14 Vinyl chloride	62		1.870					
15 Bromomethane	94		2.177					
16 Chloroethane	64		2.272					
17 Dichlorofluoromethane	67		2.450					
18 Trichlorofluoromethane	101		2.509					
19 Ethyl ether	59		2.734					
20 Acrolein	56		2.840					
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96		2.923					
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.946					
22 Acetone	43	2.958	2.958	0.0	87	34768	3.15	
24 Iodomethane	142		3.053					
26 Carbon disulfide	76		3.112					
27 Acetonitrile	41		3.171					
29 3-Chloro-1-propene	76		3.207					
28 Methyl acetate	43		3.218					9
30 Methylene Chloride	84		3.301					
31 2-Methyl-2-propanol	59		3.372					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
32 Acrylonitrile	53		3.479					
34 Methyl tert-butyl ether	73		3.514					
33 trans-1,2-Dichloroethene	96		3.526					
35 Hexane	86		3.727					
36 1,1-Dichloroethane	63		3.833					
37 Vinyl acetate	86		3.857					
38 Isopropyl ether	87		3.881					
39 2-Chloro-1,3-butadiene	53		3.905					
40 Tert-butyl ethyl ether	59		4.153					9
42 cis-1,2-Dichloroethene	96		4.271					
41 2-Butanone (MEK)	43		4.271					9
43 2,2-Dichloropropane	77		4.283					
45 Ethyl acetate	43		4.307					9
44 Propionitrile	54		4.307					
46 Methacrylonitrile	41		4.425					
47 Chlorobromomethane	128		4.449					
48 Tetrahydrofuran	42		4.496					
49 Chloroform	83		4.508					
50 1,1,1-Trichloroethane	97		4.661					
51 Cyclohexane	56		4.721					
52 1,1-Dichloropropene	75		4.792					
53 Carbon tetrachloride	117		4.803					
54 Isobutyl alcohol	41		4.815					9
55 Benzene	78		4.945					
56 1,2-Dichloroethane	62		4.945					
57 Tert-amyl methyl ether	73		5.016					
58 n-Heptane	100		5.135					
59 n-Butanol	56		5.324					
60 Trichloroethene	130		5.442					
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83		5.608					
62 1,2-Dichloropropane	63		5.620					
64 Methyl methacrylate	41		5.679					
65 Dibromomethane	93		5.714					
66 1,4-Dioxane	88		5.714					
67 Dichlorobromomethane	83		5.821					
68 2-Nitropropane	41		5.998					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75		6.187					
71 4-Methyl-2-pentanone (MIBK)	43		6.306					9
72 Toluene	91		6.483					9
73 trans-1,3-Dichloropropene	75		6.637					
74 Ethyl methacrylate	69		6.708					
75 1,1,2-Trichloroethane	97		6.802					
77 Tetrachloroethene	164		6.956					
76 1,3-Dichloropropane	76		6.956					
78 2-Hexanone	43	7.004	7.003	0.001	51	6812	0.8972	
132 n-Butyl acetate	43		7.110					149
79 Chlorodibromomethane	129		7.157					
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107		7.276					
81 1-Chlorohexane	91		7.663					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Chlorobenzene	112		7.713					
83 1,1,1,2-Tetrachloroethane	131		7.772					
84 Ethylbenzene	106		7.796					
10 m-Xylene & p-Xylene	106		7.902					9
85 o-Xylene	106		8.269					
86 Styrene	104		8.281					
87 Bromoform	173		8.458					
88 Isopropylbenzene	105		8.612					
89 Cyclohexanone	55		8.695					9
90 1,1,2,2-Tetrachloroethane	83		8.872					
91 Bromobenzene	156		8.908					
92 1,2,3-Trichloropropane	110		8.920					
93 trans-1,4-Dichloro-2-butene	53		8.932					
94 N-Propylbenzene	120		9.002					
95 2-Chlorotoluene	126		9.097					
96 1,3,5-Trimethylbenzene	105		9.168					9
104 4-Chlorotoluene	126		9.192					
97 tert-Butylbenzene	119		9.487					
98 1,2,4-Trimethylbenzene	105	9.523	9.535	-0.012	1	2421	0.1094	
99 sec-Butylbenzene	105		9.700					9
100 1,3-Dichlorobenzene	146		9.819					9
101 4-Isopropyltoluene	119		9.842					9
102 1,4-Dichlorobenzene	146		9.901					9
103 1,2,3-Trimethylbenzene	105		9.949					9
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91		10.233					9
106 1,2-Dichlorobenzene	146		10.268					
107 1,2-Dibromo-3-Chloropropane	157		11.025					
108 1,3,5-Trichlorobenzene	180		11.250					
109 1,2,4-Trichlorobenzene	180	11.865	11.853	0.012	1	2372	0.3325	
110 Hexachlorobutadiene	225		12.031					
111 Naphthalene	128	12.102	12.102	0.0	1	8969	0.5298	
112 1,2,3-Trichlorobenzene	180		12.362					9
113 2-Methylnaphthalene	142		13.427					
S 136 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106		16.530					
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
9 - Failed A Reference Spectral Test

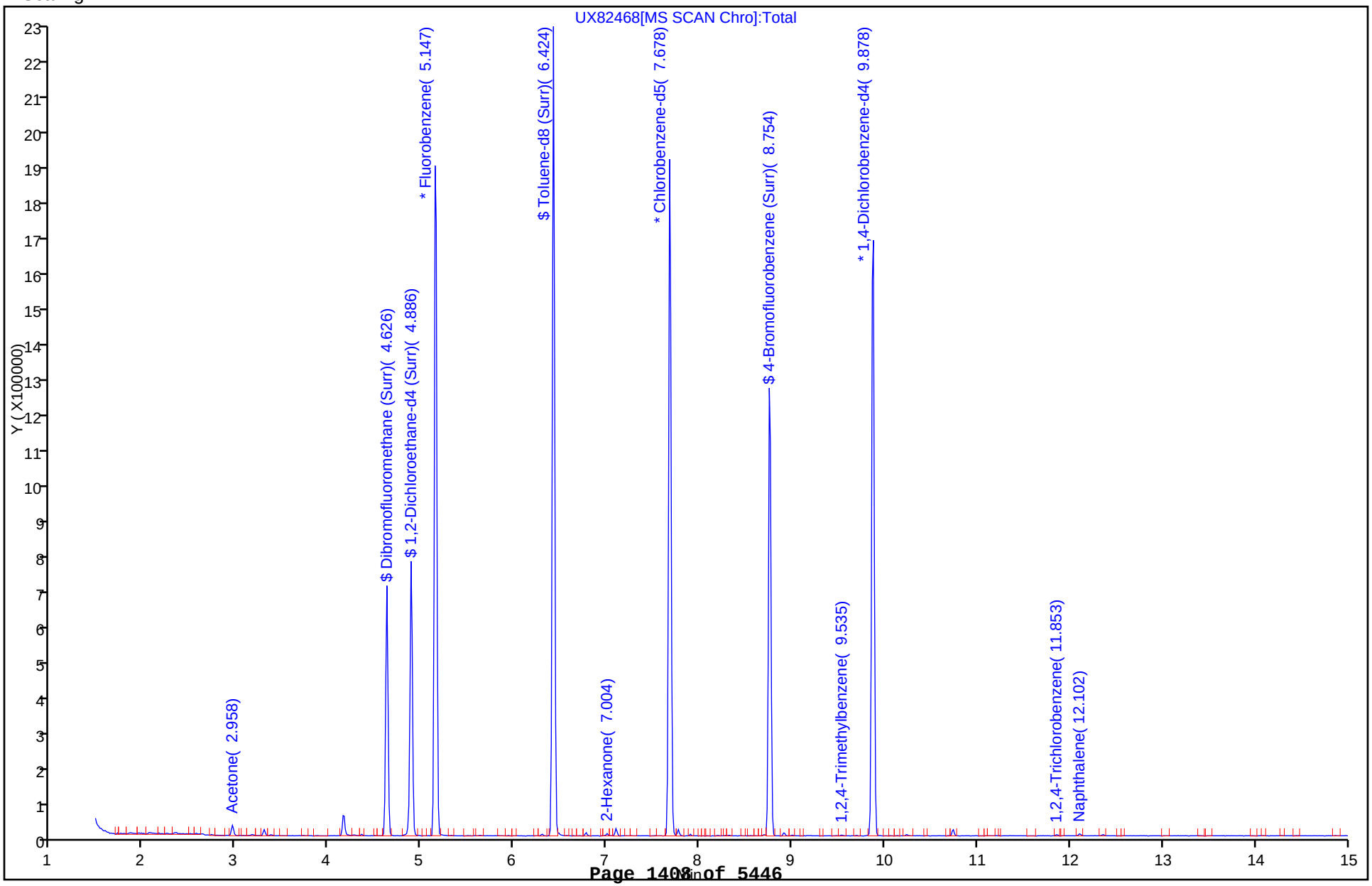
Report Date: 18-Dec-2012 02:06:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82468.D

Injection Date:	15-Dec-2012 01:54:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	15
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



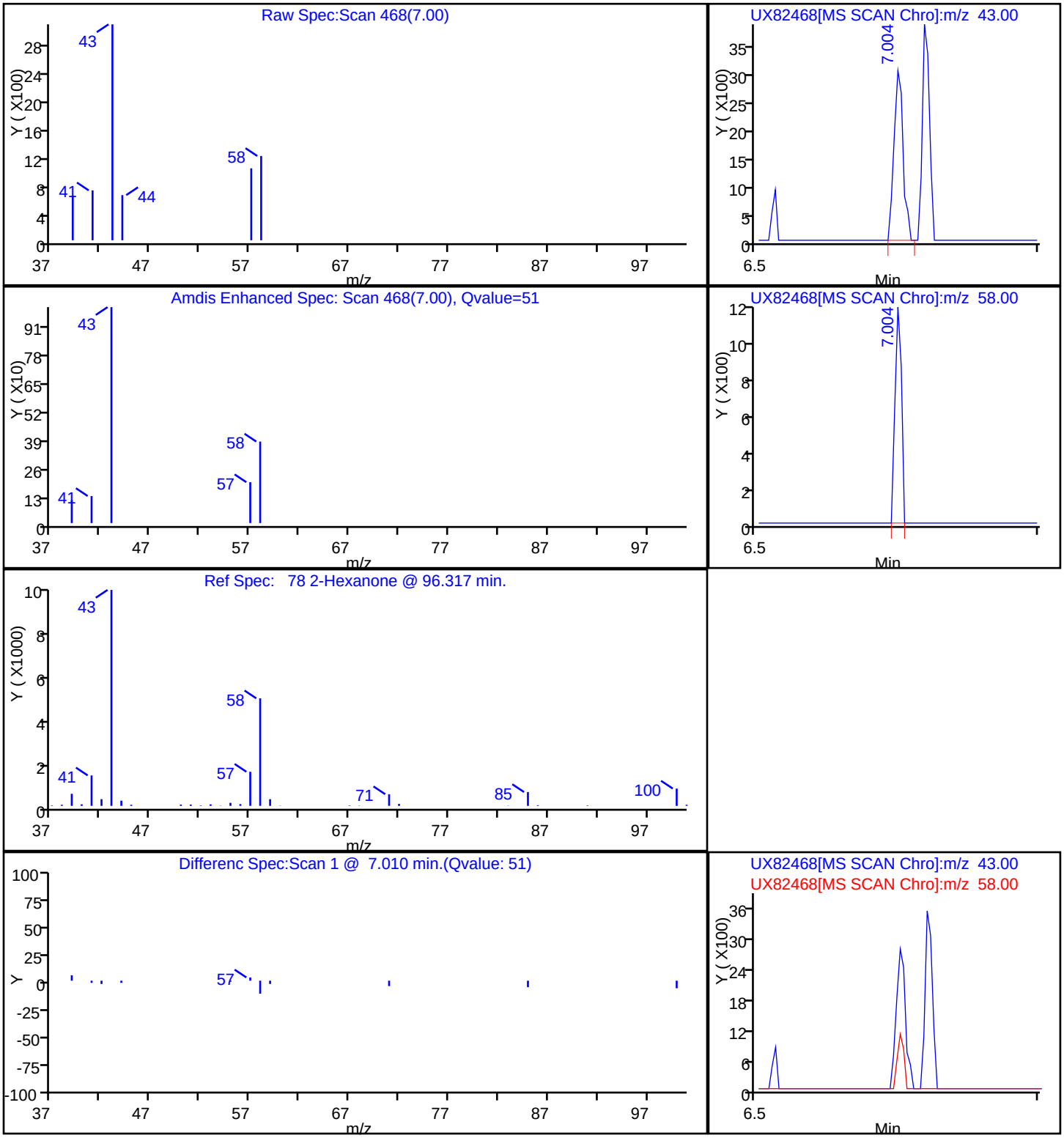
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82468.D

Injection Date:	15-Dec-2012 01:54:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	15
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

78 2-Hexanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-68879/7

Matrix: Solid | Lab File ID: UX82498.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/15/2012 19:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	2.0	U	20	2.0	1.4
67-64-1	Acetone	7.05	J	20	6.3	6.3
71-43-2	Benzene	0.50	U	5.0	0.50	0.23
75-25-2	Bromoform	0.50	U	5.0	0.50	0.33
75-34-3	1,1-Dichloroethane	0.50	U	5.0	0.50	0.36
74-83-9	Bromomethane	1.0	U	5.0	1.0	0.54
107-06-2	1,2-Dichloroethane	0.50	U	5.0	0.50	0.34
75-15-0	Carbon disulfide	0.50	U	5.0	0.50	0.44
56-23-5	Carbon tetrachloride	0.50	U	5.0	0.50	0.37
75-35-4	1,1-Dichloroethene	1.0	U	5.0	1.0	0.52
108-90-7	Chlorobenzene	0.50	U	5.0	0.50	0.33
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.77
78-87-5	1,2-Dichloropropane	1.0	U	5.0	1.0	0.69
75-27-4	Bromodichloromethane	0.50	U	5.0	0.50	0.28
74-87-3	Chloromethane	0.50	U	5.0	0.50	0.41
591-78-6	2-Hexanone	1.84	J	20	1.0	0.63
10061-01-5	cis-1,3-Dichloropropene	0.50	U	5.0	0.50	0.34
108-10-1	4-Methyl-2-pentanone (MIBK)	1.04	J	20	1.0	0.54
124-48-1	Dibromochloromethane	1.0	U	5.0	1.0	0.55
100-41-4	Ethylbenzene	0.50	U	5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	0.50	U	5.0	0.50	0.43
75-09-2	Methylene Chloride	1.35	J	5.0	1.0	0.67
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	0.34
100-42-5	Styrene	0.50	U	5.0	0.50	0.15
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	0.52
108-88-3	Toluene	0.50	U	5.0	0.50	0.27
67-66-3	Chloroform	0.50	U	5.0	0.50	0.29
71-55-6	1,1,1-Trichloroethane	1.0	U	5.0	1.0	0.56
74-97-5	Bromochloromethane	1.0	U	5.0	1.0	0.71
79-00-5	1,1,2-Trichloroethane	0.50	U	5.0	0.50	0.39
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	0.50
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.0	1.0	0.54
79-01-6	Trichloroethene	0.50	U	5.0	0.50	0.42
75-01-4	Vinyl chloride	0.50	U	5.0	0.50	0.39
75-00-3	Chloroethane	1.0	U	5.0	1.0	0.86
1330-20-7	Xylenes, Total	1.5	U	10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-68879/7

Matrix: Solid Lab File ID: UX82498.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/15/2012 19:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		61-130
2037-26-5	Toluene-d8 (Surr)	102		85-115
460-00-4	4-Bromofluorobenzene (Surr)	100		85-120
1868-53-7	Dibromofluoromethane (Surr)	99		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82498.D
Lims ID: MB Client ID:
Inject. Date: 15-Dec-2012 19:02:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015886-007
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 68879 Lims Sample ID: 7
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 15-Dec-2012 19:59:03

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.158	5.147	0.011	100	1538232	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.678	0.0	90	1100464	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	98	560099	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.624	0.002	58	380655	49.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.884	0.002	92	477451	50.0	
$ 7 Toluene-d8 (Surr)	98	6.424	6.421	0.003	95	1394158	50.8	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.763	-0.009	91	475361	50.1	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.572					
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
17 Dichlorofluoromethane	67		2.450					
18 Trichlorofluoromethane	101		2.506					
19 Ethyl ether	59		2.734					9
20 Acrolein	56		2.837					
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96		2.932					
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.944					
22 Acetone	43	2.958	2.956	0.002	93	47651	7.05	
24 Iodomethane	142		3.050					
26 Carbon disulfide	76		3.109					
27 Acetonitrile	41		3.169					
29 3-Chloro-1-propene	76		3.207					
28 Methyl acetate	43		3.216					9
30 Methylene Chloride	84	3.301	3.299	0.002	85	20897	1.35	
31 2-Methyl-2-propanol	59		3.382					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
32 Acrylonitrile	53		3.476					
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
35 Hexane	86		3.736					
36 1,1-Dichloroethane	63		3.831					
37 Vinyl acetate	86		3.855					
38 Isopropyl ether	87		3.881					
39 2-Chloro-1,3-butadiene	53		3.905					
40 Tert-butyl ethyl ether	59		4.153					9
42 cis-1,2-Dichloroethene	96		4.269					
41 2-Butanone (MEK)	43		4.269					9
43 2,2-Dichloropropane	77		4.280					
45 Ethyl acetate	43		4.307					9
44 Propionitrile	54		4.307					
46 Methacrylonitrile	41		4.425					
47 Chlorobromomethane	128		4.458					
48 Tetrahydrofuran	42		4.493					
49 Chloroform	83		4.505					9
50 1,1,1-Trichloroethane	97		4.671					
51 Cyclohexane	56		4.718					
52 1,1-Dichloropropene	75		4.789					
53 Carbon tetrachloride	117		4.801					
54 Isobutyl alcohol	41	4.815	4.816	-0.001	59	10326	26.2	
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.943					
57 Tert-amyl methyl ether	73		5.017					
58 n-Heptane	100		5.135					
59 n-Butanol	56		5.324					
60 Trichloroethene	130		5.440					
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83		5.605					
62 1,2-Dichloropropane	63		5.617					
64 Methyl methacrylate	41		5.679					
65 Dibromomethane	93		5.712					
66 1,4-Dioxane	88		5.712					
67 Dichlorobromomethane	83		5.830					
68 2-Nitropropane	41		5.999					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75		6.185					
71 4-Methyl-2-pentanone (MIBK)	43	6.294	6.303	-0.009	76	11199	1.04	
72 Toluene	91		6.481					9
73 trans-1,3-Dichloropropene	75		6.646					
74 Ethyl methacrylate	69		6.705					
75 1,1,2-Trichloroethane	97		6.800					
76 1,3-Dichloropropane	76		6.954					
77 Tetrachloroethene	164		6.966					
78 2-Hexanone	43	7.004	7.001	0.003	63	13532	1.84	
132 n-Butyl acetate	43		7.110					19
79 Chlorodibromomethane	129		7.155					
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107		7.273					
81 1-Chlorohexane	91		7.663					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Chlorobenzene	112		7.711					
83 1,1,1,2-Tetrachloroethane	131		7.770					
84 Ethylbenzene	106		7.794					
10 m-Xylene & p-Xylene	106		7.900					9
85 o-Xylene	106		8.267					9
86 Styrene	104		8.279					9
87 Bromoform	173		8.456					
88 Isopropylbenzene	105		8.610					9
89 Cyclohexanone	55	8.695	8.695	0.0	68	11062	5.53	
90 1,1,2,2-Tetrachloroethane	83		8.870					
91 Bromobenzene	156		8.917					
92 1,2,3-Trichloropropane	110		8.929					
93 trans-1,4-Dichloro-2-butene	53		8.929					
94 N-Propylbenzene	120		9.000					
95 2-Chlorotoluene	126		9.095					
96 1,3,5-Trimethylbenzene	105		9.166					9
104 4-Chlorotoluene	126		9.189					
97 tert-Butylbenzene	119		9.485					9
98 1,2,4-Trimethylbenzene	105	9.535	9.532	0.003	1	4507	0.2027	
99 sec-Butylbenzene	105		9.698					9
100 1,3-Dichlorobenzene	146		9.816					9
101 4-Isopropyltoluene	119		9.840					9
102 1,4-Dichlorobenzene	146		9.899					9
103 1,2,3-Trimethylbenzene	105		9.949					9
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91		10.242					9
106 1,2-Dichlorobenzene	146		10.266					9
107 1,2-Dibromo-3-Chloropropane	157		11.023					
108 1,3,5-Trichlorobenzene	180		11.247					
109 1,2,4-Trichlorobenzene	180	11.853	11.863	-0.010	1	3422	0.4773	
110 Hexachlorobutadiene	225		12.028					
111 Naphthalene	128	12.102	12.099	0.003	24	16071	0.9446	
112 1,2,3-Trichlorobenzene	180		12.359					9
113 2-Methylnaphthalene	142		13.427					9
S 136 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106		16.530					
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

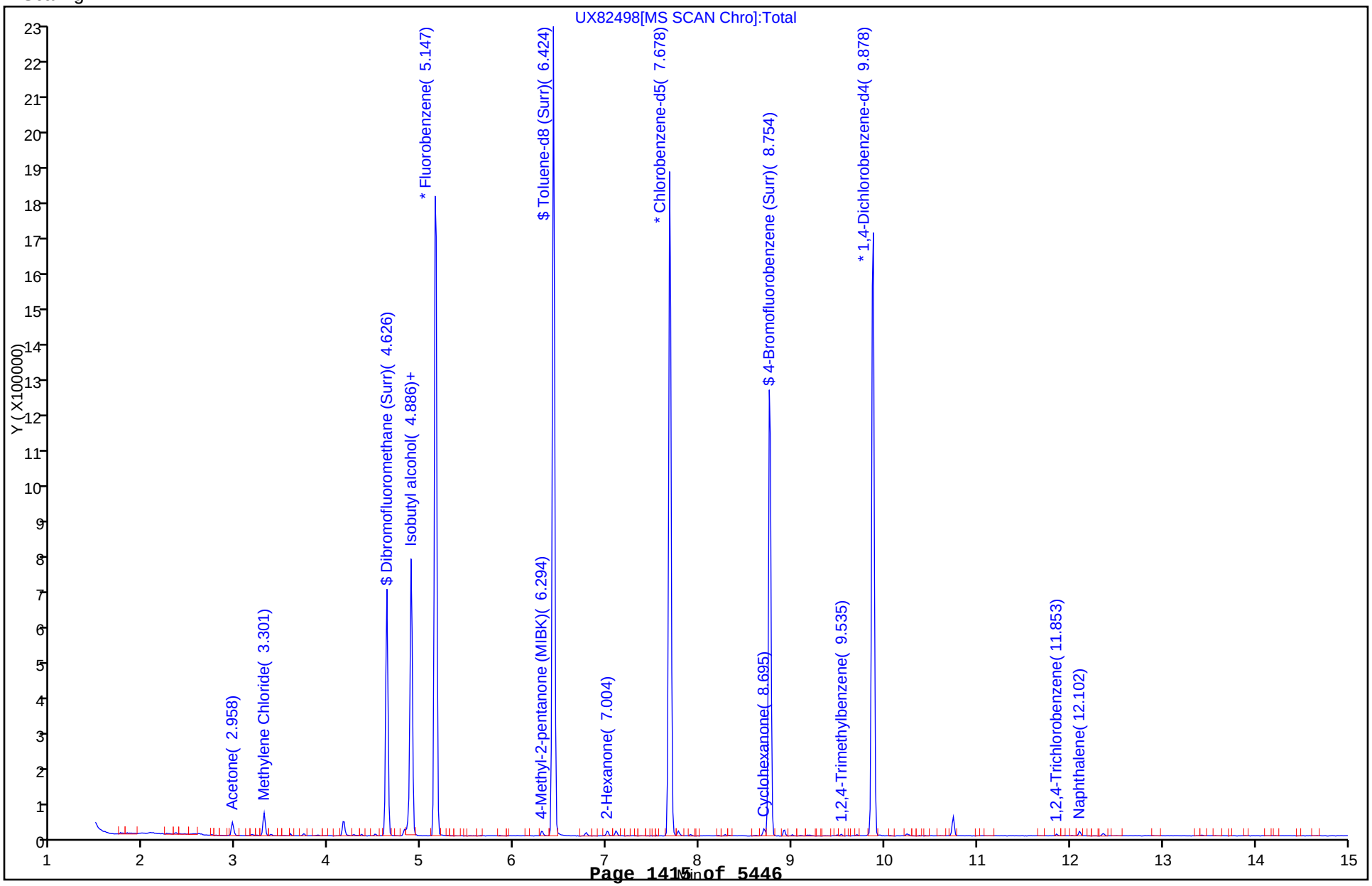
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82498.D

Injection Date:	15-Dec-2012 19:02:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	7
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



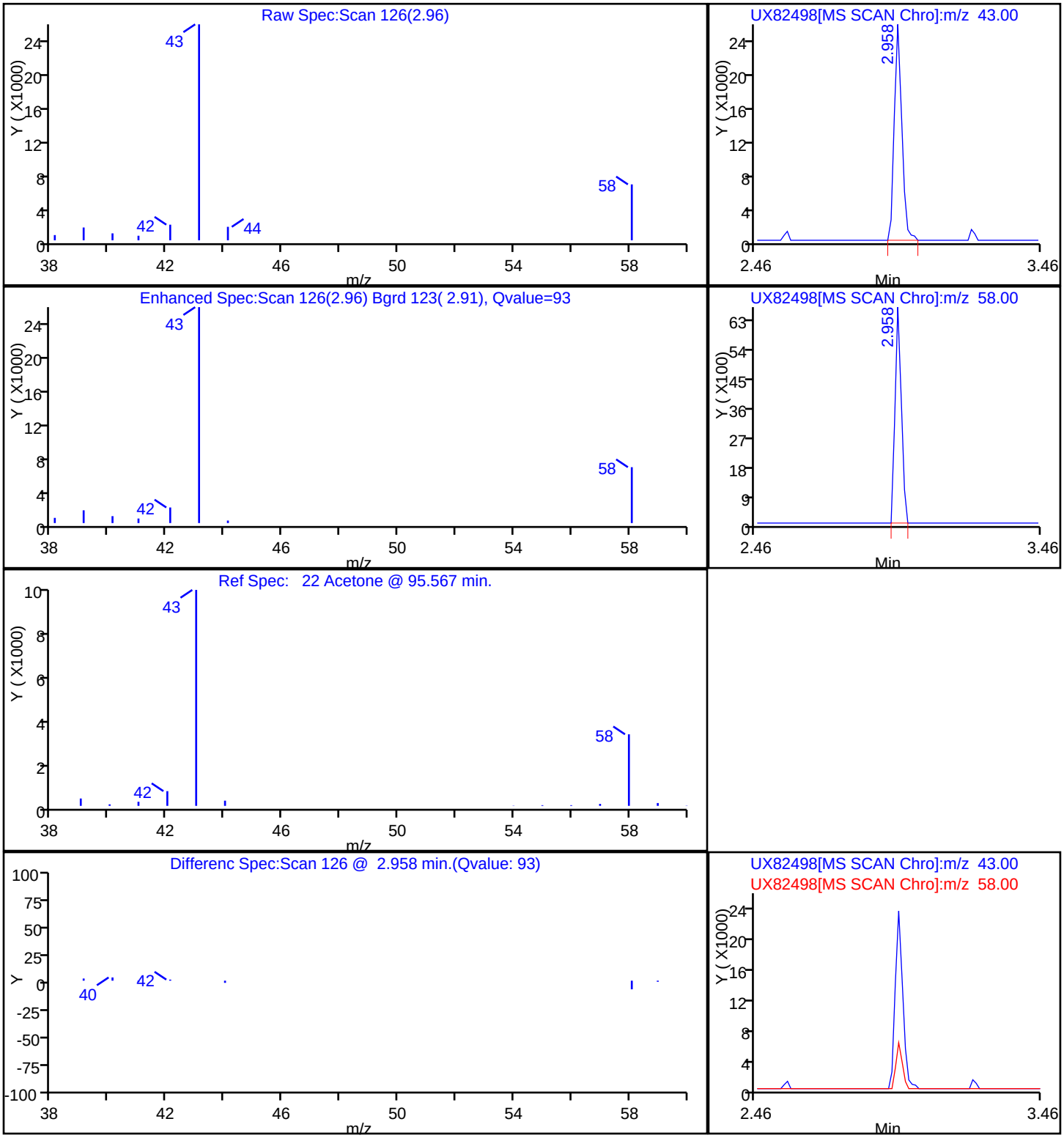
Report Date: 19-Dec-2012 02:39:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82498.D

Injection Date:	15-Dec-2012 19:02:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	7
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



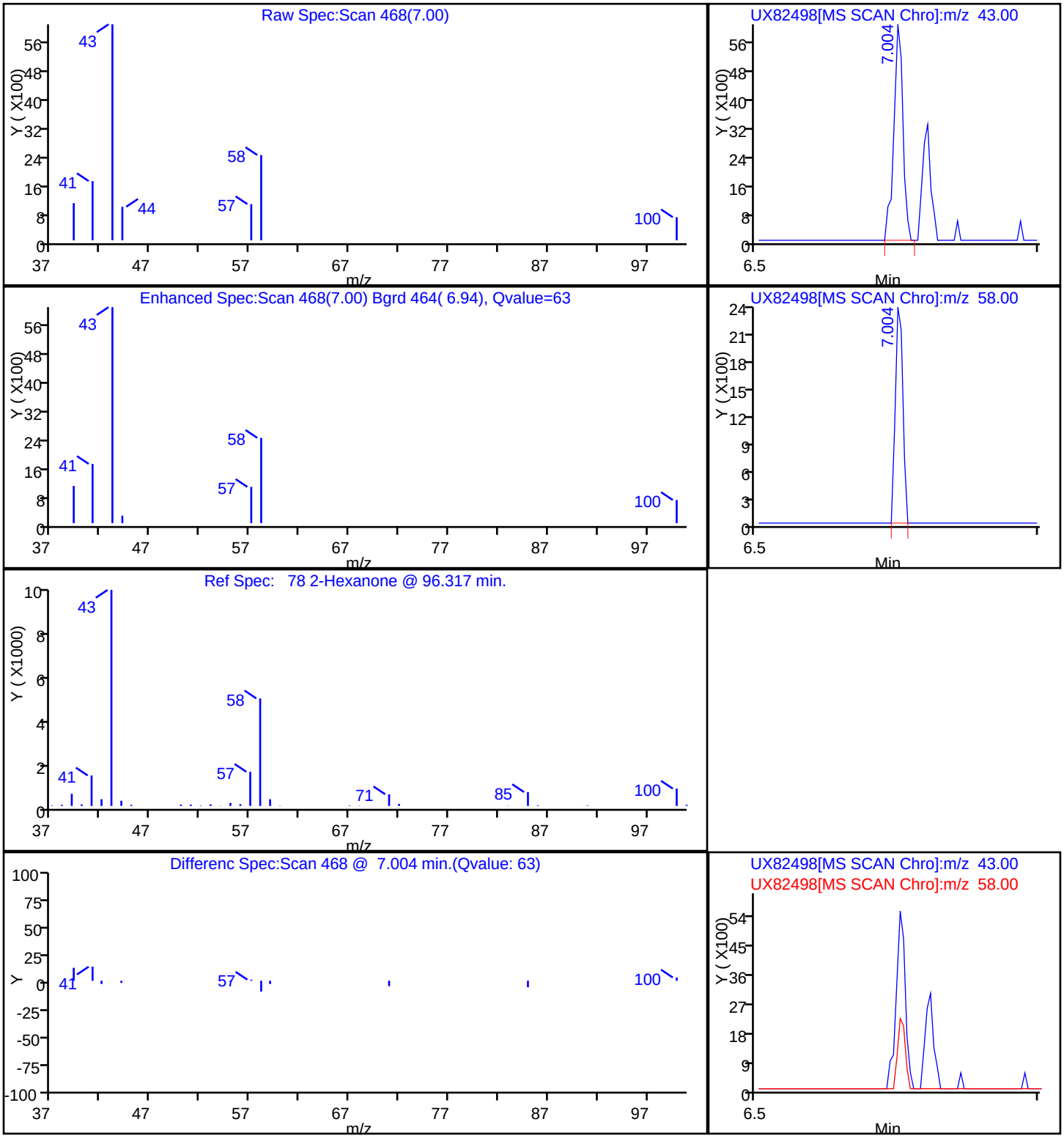
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82498.D

Injection Date:	15-Dec-2012 19:02:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	7
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

78 2-Hexanone



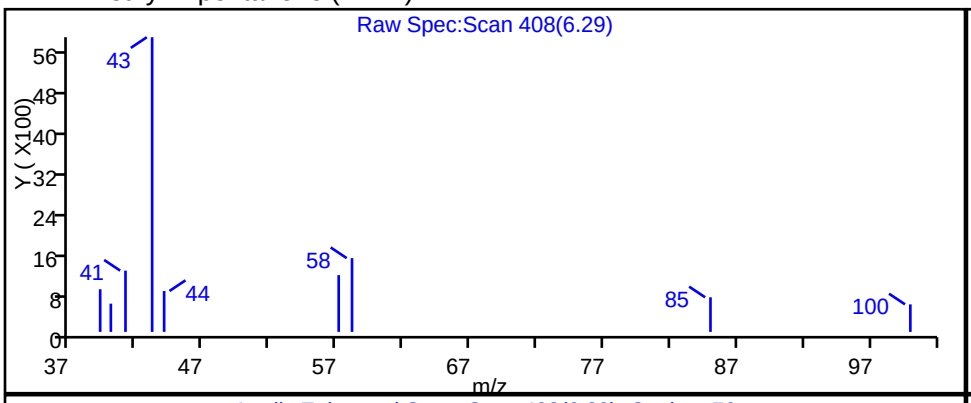
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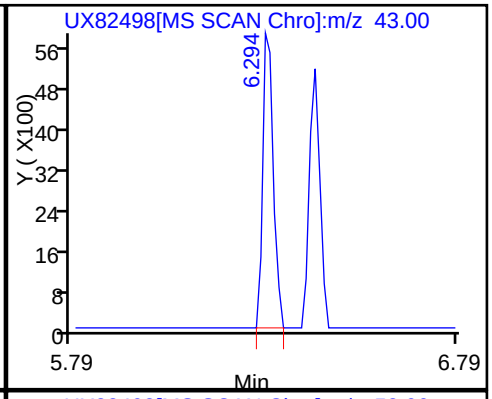
TestAmerica Canton

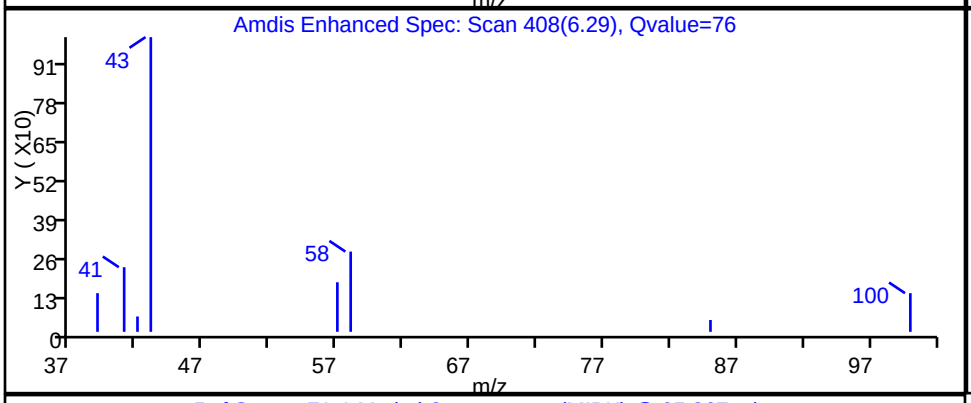
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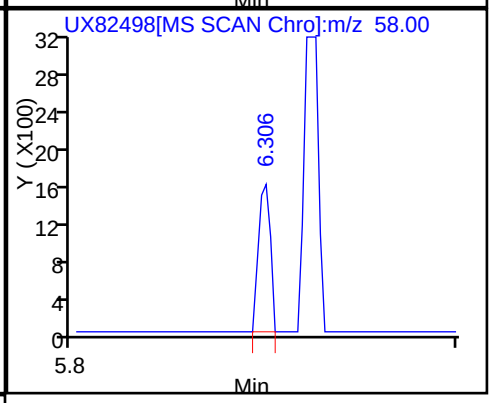
Injection Date:	15-Dec-2012 19:02:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	7
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

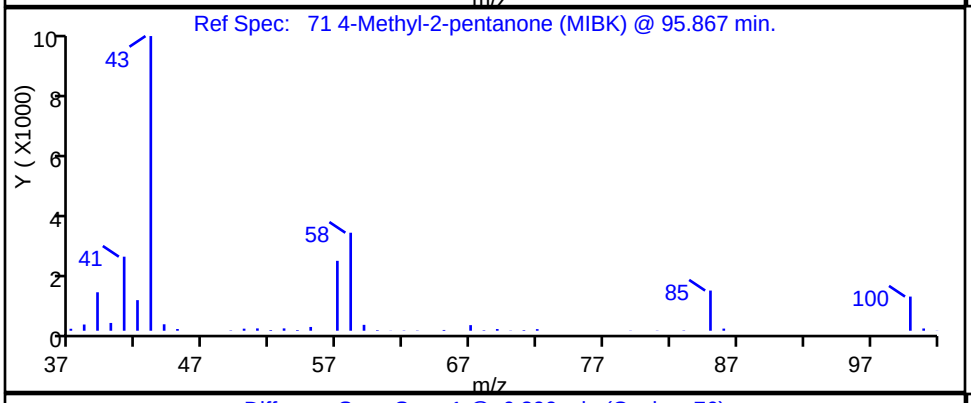
71 4-Methyl-2-pentanone (MIBK)

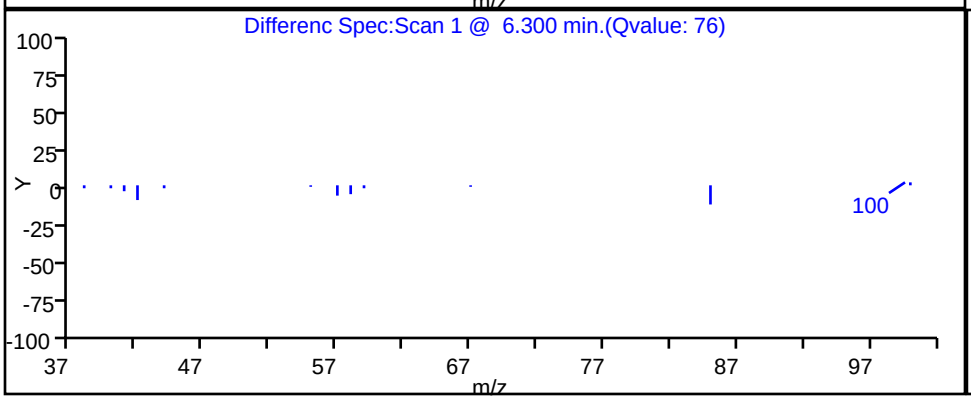


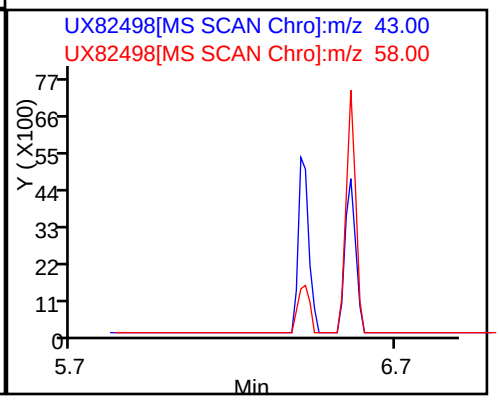












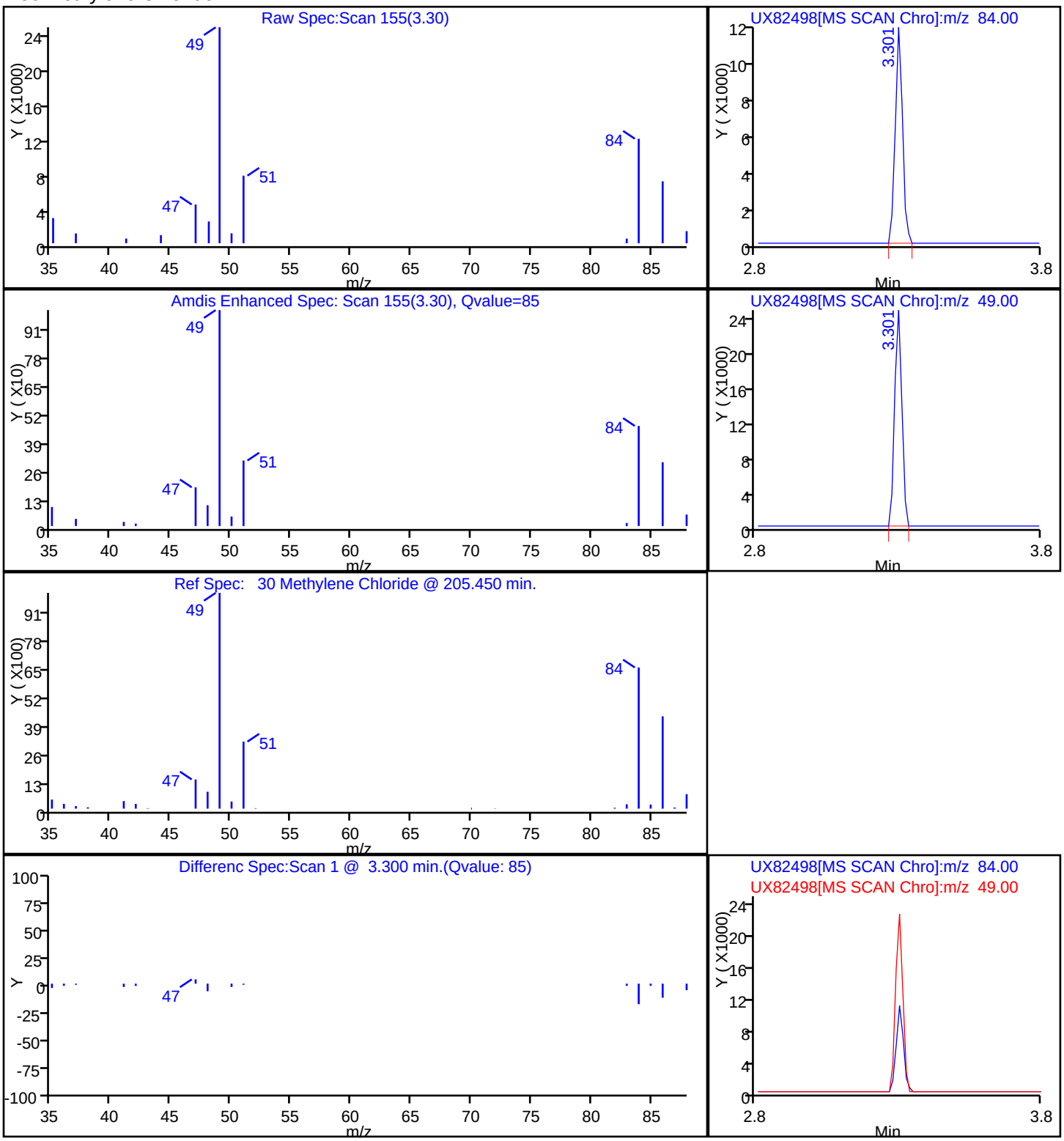
Report Date: 19-Dec-2012 02:39:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82498.D

Injection Date:	15-Dec-2012 19:02:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	7
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

30 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-68905/7

Matrix: Solid | Lab File ID: UX82531.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/17/2012 01:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68905 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.50	U	5.0	0.50	0.23
100-41-4	Ethylbenzene	0.50	U	5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	0.50	U	5.0	0.50	0.43
108-88-3	Toluene	0.50	U	5.0	0.50	0.27
1330-20-7	Xylenes, Total	1.5	U	10	1.5	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		61-130
2037-26-5	Toluene-d8 (Surr)	98		85-115
460-00-4	4-Bromofluorobenzene (Surr)	98		85-120
1868-53-7	Dibromofluoromethane (Surr)	98		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82531.D
Lims ID: MB Client ID:
Inject. Date: 17-Dec-2012 01:09:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015896-007
Misc. Info.: M21216A,8260SUX8,,402279 =M21216A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 68905 Lims Sample ID: 7
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\8260_8.m
Last Update: 20-Dec-2012 03:33:06 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: latat Date: 17-Dec-2012 01:34:39

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.155	0.0	99	1459184	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.686	0.0	90	1083214	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.874	0.001	98	538622	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.623	0.0	58	357647	49.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.884	-0.001	92	459784	50.9	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	96	1334146	49.1	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	93	458462	48.8	
138 Butyl Methacrylate TIC	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
135 1,4-Dichlorobutane	1		0.000					
12 Dichlorodifluoromethane	85		1.583					
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
17 Dichlorofluoromethane	67		2.446					
18 Trichlorofluoromethane	101		2.506					
19 Ethyl ether	59		2.741					
20 Acrolein	56		2.837					
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96		2.932					
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.944					
22 Acetone	43	2.955	2.956	-0.001	92	34897	4.09	
24 Iodomethane	142		3.050					
26 Carbon disulfide	76		3.109					
27 Acetonitrile	41	3.168	3.168	0.0	63	2996	1.94	
29 3-Chloro-1-propene	76		3.215					
28 Methyl acetate	43		3.216					9
30 Methylene Chloride	84	3.298	3.299	-0.001	86	22162	1.73	
31 2-Methyl-2-propanol	59		3.369					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
32 Acrylonitrile	53		3.476					9
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
35 Hexane	86		3.736					
36 1,1-Dichloroethane	63		3.831					
37 Vinyl acetate	86		3.854					
38 Isopropyl ether	87		3.877					
39 2-Chloro-1,3-butadiene	53		3.913					
40 Tert-butyl ethyl ether	59		4.149					9
41 2-Butanone (MEK)	43	4.268	4.268	0.0	68	5952	1.03	
42 cis-1,2-Dichloroethene	96		4.268					
43 2,2-Dichloropropane	77		4.280					
45 Ethyl acetate	43		4.303					9
44 Propionitrile	54		4.303					
46 Methacrylonitrile	41		4.433					
47 Chlorobromomethane	128		4.458					
48 Tetrahydrofuran	42		4.493					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.659					
51 Cyclohexane	56		4.718					
52 1,1-Dichloropropene	75		4.789					
53 Carbon tetrachloride	117		4.801					
54 Isobutyl alcohol	41	4.824	4.811	0.013	61	12292	32.9	
55 Benzene	78		4.943					
56 1,2-Dichloroethane	62		4.943					
57 Tert-amyl methyl ether	73		5.013					
58 n-Heptane	100		5.131					
59 n-Butanol	56		5.320					
60 Trichloroethene	130		5.439					
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83		5.605					
62 1,2-Dichloropropane	63		5.617					
64 Methyl methacrylate	41		5.675					9
65 Dibromomethane	93		5.712					
66 1,4-Dioxane	88		5.712					
67 Dichlorobromomethane	83		5.818					
68 2-Nitropropane	41		5.994					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75		6.185					
71 4-Methyl-2-pentanone (MIBK)	43	6.302	6.303	-0.001	84	14461	1.41	
72 Toluene	91		6.480					9
73 trans-1,3-Dichloropropene	75		6.646					
74 Ethyl methacrylate	69		6.705					
75 1,1,2-Trichloroethane	97		6.800					
77 Tetrachloroethene	164		6.954					
76 1,3-Dichloropropane	76		6.954					
78 2-Hexanone	43	7.012	7.001	0.011	63	17155	2.37	
132 n-Butyl acetate	43		7.106					149
79 Chlorodibromomethane	129		7.155					
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107		7.273					
81 1-Chlorohexane	91		7.663					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Chlorobenzene	112		7.711					9
83 1,1,1,2-Tetrachloroethane	131		7.770					
84 Ethylbenzene	106		7.793					
10 m-Xylene & p-Xylene	106		7.900					9
85 o-Xylene	106		8.267					
86 Styrene	104		8.278					9
87 Bromoform	173		8.456					
88 Isopropylbenzene	105		8.610					9
89 Cyclohexanone	55	8.704	8.703	0.001	73	13610	6.91	
90 1,1,2,2-Tetrachloroethane	83		8.870					
91 Bromobenzene	156		8.917					
92 1,2,3-Trichloropropane	110		8.929					
93 trans-1,4-Dichloro-2-butene	53		8.929					
94 N-Propylbenzene	120		9.000					9
95 2-Chlorotoluene	126		9.095					
96 1,3,5-Trimethylbenzene	105		9.165					9
104 4-Chlorotoluene	126		9.189					
97 tert-Butylbenzene	119		9.485					9
98 1,2,4-Trimethylbenzene	105	9.532	9.532	0.0	1	3362	0.1572	
99 sec-Butylbenzene	105		9.698					9
100 1,3-Dichlorobenzene	146		9.816					9
101 4-Isopropyltoluene	119		9.840					9
102 1,4-Dichlorobenzene	146		9.899					9
103 1,2,3-Trimethylbenzene	105		9.945					9
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91	10.241	10.242	-0.001	13	4703	0.2545	
106 1,2-Dichlorobenzene	146		10.266					9
107 1,2-Dibromo-3-Chloropropane	157		11.023					
108 1,3,5-Trichlorobenzene	180		11.247					
109 1,2,4-Trichlorobenzene	180	11.862	11.862	0.0	1	2345	0.3401	
110 Hexachlorobutadiene	225		12.028					
111 Naphthalene	128	12.110	12.111	-0.001	3	15650	0.9566	
112 1,2,3-Trichlorobenzene	180		12.359					9
113 2-Methylnaphthalene	142		13.423					9
S 136 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106		16.530					
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
9 - Failed A Reference Spectral Test

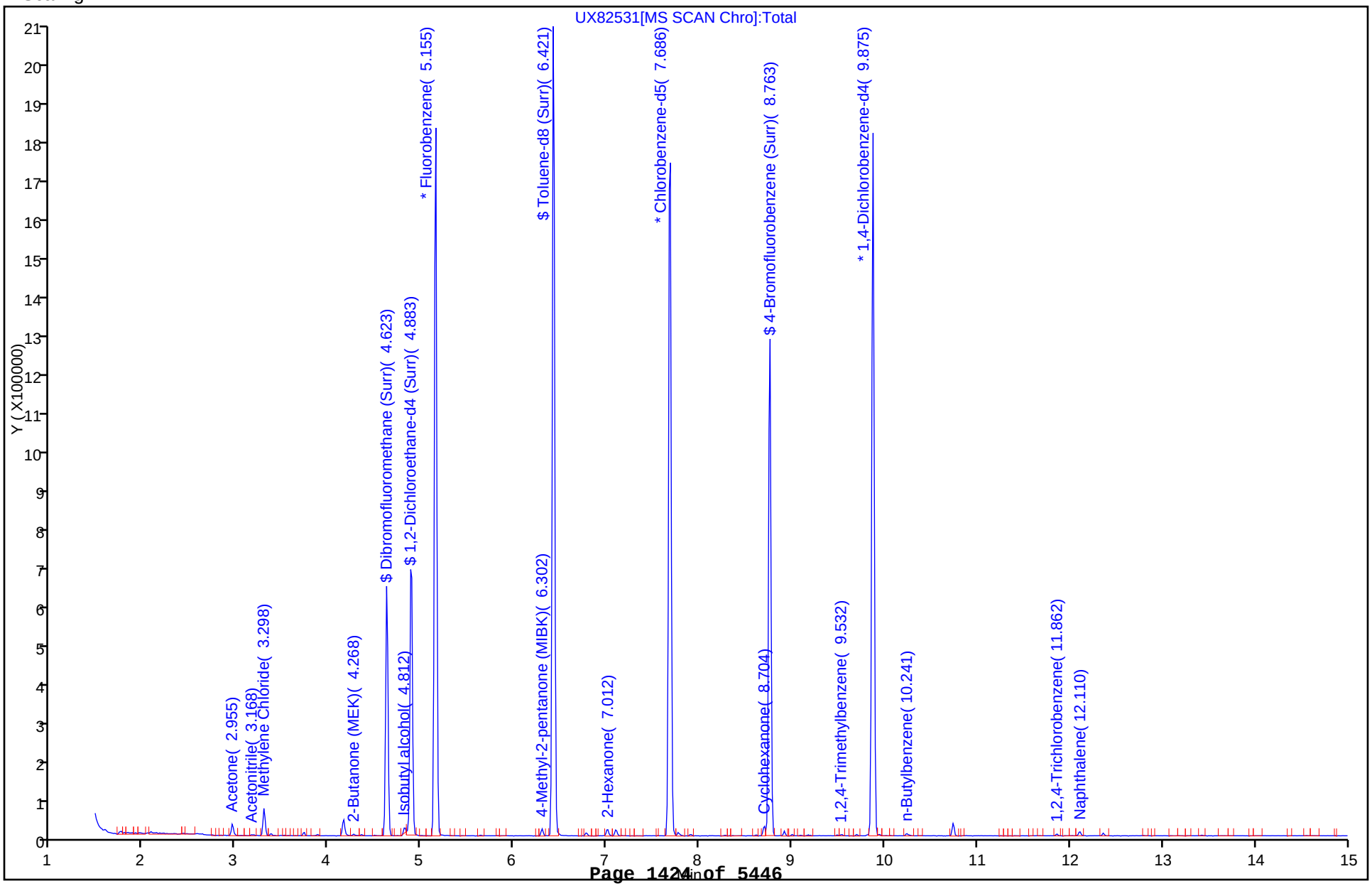
Report Date: 20-Dec-2012 03:33:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82531.D

Injection Date:	17-Dec-2012 01:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	7
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-68395/5

Matrix: Water | Lab File ID: UXJ8970.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/12/2012 13:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68395 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	21.2		10	0.57	0.57
67-64-1	Acetone	18.2		10	1.1	1.1
71-43-2	Benzene	10.5		1.0	0.25	0.13
75-25-2	Bromoform	8.85		1.0	0.64	0.64
75-34-3	1,1-Dichloroethane	11.3		1.0	0.25	0.15
74-83-9	Bromomethane	8.55		1.0	0.50	0.41
107-06-2	1,2-Dichloroethane	10.7		1.0	0.25	0.22
75-15-0	Carbon disulfide	11.1		1.0	0.25	0.13
56-23-5	Carbon tetrachloride	9.68		1.0	0.25	0.13
75-35-4	1,1-Dichloroethene	10.8		1.0	0.25	0.19
108-90-7	Chlorobenzene	10.1		1.0	0.25	0.15
540-59-0	1,2-Dichloroethene, Total	20.7		2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	11.0		1.0	0.25	0.18
75-27-4	Bromodichloromethane	10.4		1.0	0.25	0.15
74-87-3	Chloromethane	10.3		1.0	0.50	0.30
591-78-6	2-Hexanone	22.3		10	0.50	0.41
10061-01-5	cis-1,3-Dichloropropene	10.0		1.0	0.25	0.14
108-10-1	4-Methyl-2-pentanone (MIBK)	21.9		10	0.50	0.32
124-48-1	Dibromochloromethane	9.66		1.0	0.25	0.18
100-41-4	Ethylbenzene	9.95		1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	10.7		1.0	0.25	0.17
75-09-2	Methylene Chloride	9.93		1.0	0.50	0.33
79-34-5	1,1,2,2-Tetrachloroethane	11.4		1.0	0.25	0.18
100-42-5	Styrene	10.4		1.0	0.25	0.11
127-18-4	Tetrachloroethene	8.63		1.0	0.50	0.29
108-88-3	Toluene	10.1		1.0	0.25	0.13
67-66-3	Chloroform	10.2		1.0	0.25	0.16
71-55-6	1,1,1-Trichloroethane	10.2		1.0	0.25	0.22
74-97-5	Bromochloromethane	9.67		1.0	0.50	0.29
79-00-5	1,1,2-Trichloroethane	10.7		1.0	0.50	0.27
106-93-4	1,2-Dibromoethane	10.3		1.0	0.25	0.24
10061-02-6	trans-1,3-Dichloropropene	10.4		1.0	0.25	0.19
79-01-6	Trichloroethene	9.40		1.0	0.25	0.17
75-01-4	Vinyl chloride	9.88		1.0	0.25	0.22
75-00-3	Chloroethane	10.1		1.0	0.50	0.29
1330-20-7	Xylenes, Total	30.5		2.0	0.75	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-68395/5

Matrix: Water Lab File ID: UXJ8970.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/12/2012 13:15

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68395 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-120
2037-26-5	Toluene-d8 (Surr)	97		85-120
460-00-4	4-Bromofluorobenzene (Surr)	106		75-120
1868-53-7	Dibromofluoromethane (Surr)	92		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8970.D
Lims ID: LCS Client ID:
Inject. Date: 12-Dec-2012 13:15:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015761-005
Misc. Info.: J21212A,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 68395 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\8260_11.m
Last Update: 13-Dec-2012 08:28:24 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: evansle Date: 12-Dec-2012 13:44:25

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1172725	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	85	702363	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	88	234724	10.0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	94	246322	7.67	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	87	294569	7.91	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	84	978166	8.13	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	88	212196	8.82	
8 Dichlorodifluoromethane	85	1.542	1.542	0.0	96	178878	7.66	
9 Chloromethane	50	1.696	1.696	0.0	89	215384	10.3	
10 Vinyl chloride	62	1.790	1.790	0.0	94	214099	9.88	
11 Bromomethane	94	2.074	2.074	0.0	88	87402	8.55	
12 Chloroethane	64	2.145	2.157	-0.012	93	121867	10.1	
14 Trichlorofluoromethane	101	2.358	2.358	0.0	96	236847	9.52	
15 Ethyl ether	59	2.559	2.559	0.0	88	289791	11.4	
16 Acrolein	56	2.654	2.654	0.0	92	84843	26.2	
17 Acetone	43	2.772	2.772	0.0	58	135509	18.2	
19 1,1-Dichloroethene	96	2.772	2.784	-0.012	90	223858	10.8	
18 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.784	2.784	0.0	48	130163	8.92	
21 Iodomethane	142	2.914	2.914	0.0	97	253485	10.3	
23 Carbon disulfide	76	2.973	2.973	0.0	99	568752	11.1	
24 Acetonitrile	41	2.997	2.997	0.0	94	58774	28.4	
25 Methyl acetate	43	3.044	3.044	0.0	88	202802	10.9	
26 Methylene Chloride	84	3.163	3.163	0.0	85	230117	9.93	
27 2-Methyl-2-propanol	59	3.210	3.198	0.012	98	320049	203.0	
28 Acrylonitrile	53	3.317	3.317	0.0	97	269286	30.8	
30 Methyl tert-butyl ether	73	3.364	3.364	0.0	87	960853	10.7	
29 trans-1,2-Dichloroethene	96	3.364	3.364	0.0	60	334165	10.5	
31 Hexane	86	3.589	3.589	0.0	92	66280	8.95	
32 1,1-Dichloroethane	63	3.695	3.695	0.0	86	589306	11.3	
33 Vinyl acetate	86	3.731	3.731	0.0	97	81070	12.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
34 Isopropyl ether	87	3.754	3.754	0.0	96	340245	10.5	
40 cis-1,2-Dichloroethene	96	4.169	4.169	0.0	69	381768	10.2	
38 2-Butanone (MEK)	43	4.169	4.169	0.0	53	208801	21.2	
39 2,2-Dichloropropane	77	4.180	4.169	0.011	75	219401	10.3	
43 Chlorobromomethane	128	4.358	4.358	0.0	94	180458	9.67	
44 Tetrahydrofuran	42	4.405	4.405	0.0	82	68458	10.5	
45 Chloroform	83	4.417	4.417	0.0	84	600522	10.2	
46 1,1,1-Trichloroethane	97	4.595	4.595	0.0	88	333613	10.2	
47 Cyclohexane	56	4.654	4.654	0.0	87	322312	9.44	
48 1,1-Dichloropropene	75	4.725	4.725	0.0	93	465247	10.2	
49 Carbon tetrachloride	117	4.737	4.737	0.0	71	305397	9.68	
50 Isobutyl alcohol	41	4.772	4.772	0.0	91	298150	509.4	
52 Benzene	78	4.902	4.902	0.0	96	1434966	10.5	
51 1,2-Dichloroethane	62	4.902	4.902	0.0	53	480951	10.7	
56 Trichloroethene	130	5.435	5.435	0.0	92	365909	9.40	
59 1,2-Dichloropropane	63	5.612	5.612	0.0	87	327220	11.0	
58 Methylcyclohexane	83	5.612	5.612	0.0	89	345439	8.51	
61 Dibromomethane	93	5.719	5.719	0.0	85	189144	10.7	
63 Dichlorobromomethane	83	5.837	5.837	0.0	93	428771	10.4	
65 2-Chloroethyl vinyl ether	63	6.086	6.086	0.0	93	181090	10.5	
66 cis-1,3-Dichloropropene	75	6.228	6.228	0.0	88	500131	10.0	
67 4-Methyl-2-pentanone (MIBK)	43	6.358	6.358	0.0	95	430871	21.9	
68 Toluene	91	6.535	6.535	0.0	92	1458912	10.1	
69 trans-1,3-Dichloropropene	75	6.713	6.713	0.0	91	431823	10.4	
71 1,1,2-Trichloroethane	97	6.878	6.878	0.0	91	262969	10.7	
72 Tetrachloroethene	164	7.032	7.032	0.0	81	253203	8.63	
73 1,3-Dichloropropane	76	7.032	7.032	0.0	91	451727	10.7	
74 2-Hexanone	43	7.091	7.091	0.0	95	252426	22.3	
76 Chlorodibromomethane	129	7.245	7.245	0.0	85	260941	9.66	
77 Ethylene Dibromide	107	7.352	7.352	0.0	99	234980	10.3	
79 Chlorobenzene	112	7.813	7.813	0.0	92	752434	10.1	
80 1,1,1,2-Tetrachloroethane	131	7.884	7.884	0.0	84	268961	9.91	
81 Ethylbenzene	106	7.908	7.908	0.0	98	405972	9.95	
82 m-Xylene & p-Xylene	106	8.014	8.014	0.0	97	964519	20.3	
83 o-Xylene	106	8.393	8.393	0.0	92	427375	10.2	
84 Styrene	104	8.405	8.405	0.0	91	698284	10.4	
85 Bromoform	173	8.582	8.582	0.0	95	104881	8.85	
86 Isopropylbenzene	105	8.748	8.748	0.0	95	937989	9.97	
87 Cyclohexanone	55	8.831	8.831	0.001	86	84964	57.9	
88 1,1,2,2-Tetrachloroethane	83	9.020	9.020	0.0	95	162454	11.4	
89 Bromobenzene	156	9.044	9.044	0.0	94	218946	10.2	
90 1,2,3-Trichloropropane	110	9.067	9.067	0.0	74	57341	11.2	
91 trans-1,4-Dichloro-2-butene	53	9.067	9.067	0.0	68	57325	22.8	
92 N-Propylbenzene	120	9.150	9.150	0.0	97	210666	11.1	
93 2-Chlorotoluene	126	9.233	9.233	0.0	95	179635	10.6	
94 1,3,5-Trimethylbenzene	105	9.316	9.316	0.0	91	590190	10.9	
95 4-Chlorotoluene	126	9.340	9.340	0.0	99	189881	10.8	
96 tert-Butylbenzene	119	9.635	9.635	0.0	81	491924	10.6	
97 1,2,4-Trimethylbenzene	105	9.683	9.683	0.0	76	601104	10.7	
98 sec-Butylbenzene	105	9.860	9.860	0.0	93	636822	10.4	
99 1,3-Dichlorobenzene	146	9.967	9.967	0.0	96	351168	9.76	
100 4-Isopropyltoluene	119	10.002	9.990	0.012	89	567262	10.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
101 1,4-Dichlorobenzene	146	10.050	10.050	0.0	93	364931	9.60	
102 1,2,3-Trimethylbenzene	105	10.097	10.108	-0.011	96	640094	11.4	
103 n-Butylbenzene	91	10.405	10.405	0.0	94	463891	10.2	
104 1,2-Dichlorobenzene	146	10.416	10.416	0.0	96	343360	9.64	
105 1,2-Dibromo-3-Chloropropane	157	11.186	11.186	0.0	63	24029	8.27	
107 1,2,4-Trichlorobenzene	180	12.026	12.026	0.0	93	129820	6.83	
108 Hexachlorobutadiene	225	12.203	12.203	0.0	91	70103	6.16	
109 Naphthalene	128	12.274	12.274	0.0	97	262481	6.20	
110 1,2,3-Trichlorobenzene	180	12.523	12.523	0.0	94	91039	6.24	
S 138 Trihalomethanes, Total	1				0		39.1	
S 112 1,2-Dichloroethene, Total	96				0		20.7	
S 114 Xylenes, Total	106				0		30.5	

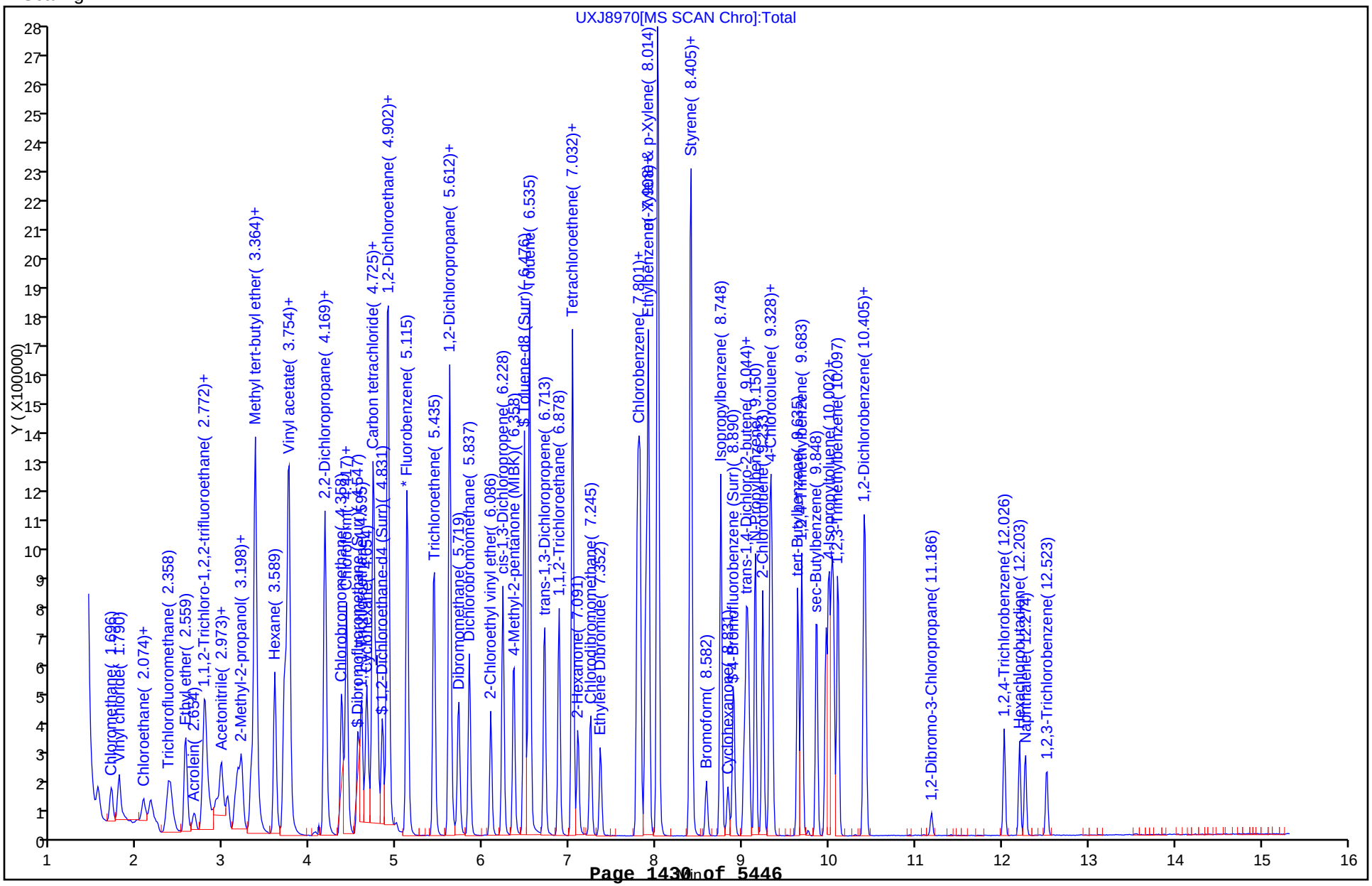
Report Date: 13-Dec-2012 08:28:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8970.D

Injection Date:	12-Dec-2012 13:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68395	Lims Sample ID:	5
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-68663/6

Matrix: Solid Lab File ID: UX82427.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/14/2012 00:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68663 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	21.4		5.0	0.50	0.23
100-41-4	Ethylbenzene	20.1		5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	23.7		5.0	0.50	0.43
108-88-3	Toluene	20.4		5.0	0.50	0.27
1330-20-7	Xylenes, Total	64.0		10	1.5	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		61-130
2037-26-5	Toluene-d8 (Surr)	109		85-115
460-00-4	4-Bromofluorobenzene (Surr)	106		85-120
1868-53-7	Dibromofluoromethane (Surr)	107		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82427.D
Lims ID: LCS Client ID:
Inject. Date: 14-Dec-2012 00:14:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015834-006
Misc. Info.: M21213A,8260SUX8,,402279 =M21213A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 68663 Lims Sample ID: 6
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\8260_8.m
Last Update: 18-Dec-2012 01:32:10 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 14-Dec-2012 00:35:00

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.155	0.001	100	1815428	50.0	
* 2 Chlorobenzene-d5	117	7.676	7.686	-0.010	98	1273607	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.874	0.002	99	607486	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.625	-0.001	59	517253	53.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.885	-0.001	95	635974	49.9	
$ 7 Toluene-d8 (Surr)	98	6.422	6.423	-0.001	95	1886196	54.3	
$ 131 4-Bromofluorobenzene (Surr)	95	8.752	8.753	-0.001	91	633832	52.8	
12 Dichlorodifluoromethane	85	1.572	1.573	-0.001	95	91671	15.4	
13 Chloromethane	50	1.749	1.750	-0.001	100	206182	18.1	
14 Vinyl chloride	62	1.868	1.869	-0.001	99	118701	17.8	
15 Bromomethane	94	2.187	2.176	0.011	91	65851	22.7	
16 Chloroethane	64	2.270	2.271	-0.001	93	77280	19.6	
18 Trichlorofluoromethane	101	2.507	2.508	-0.002	96	154807	19.7	
19 Ethyl ether	59	2.731	2.742	-0.011	93	213707	23.8	
20 Acrolein	56	2.838	2.839	-0.001	91	101074	50.3	
21 1,1-Dichloroethene	96	2.932	2.922	0.010	97	118562	19.9	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.945	-0.001	88	101430	19.4	
22 Acetone	43	2.956	2.957	-0.001	97	267508	54.8	
24 Iodomethane	142	3.051	3.052	-0.001	99	256896	21.5	
26 Carbon disulfide	76	3.110	3.111	-0.001	98	321522	18.4	
27 Acetonitrile	41	3.169	3.170	-0.001	99	126458	65.3	
28 Methyl acetate	43	3.216	3.217	-0.001	98	249914	20.9	
30 Methylene Chloride	84	3.299	3.300	-0.001	88	233611	27.3	
31 2-Methyl-2-propanol	59	3.370	3.371	-0.001	90	318691	362.1	
32 Acrylonitrile	53	3.476	3.477	-0.001	97	338739	67.2	
34 Methyl tert-butyl ether	73	3.512	3.513	-0.001	85	488461	23.7	
33 trans-1,2-Dichloroethene	96	3.524	3.513	0.011	63	141792	20.5	
35 Hexane	86	3.725	3.726	-0.001	95	37796	18.4	
36 1,1-Dichloroethane	63	3.831	3.832	-0.001	96	295841	21.5	
37 Vinyl acetate	86	3.855	3.856	-0.001	97	40124	26.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	3.879	3.877	0.002	97	159147	24.3	
41 2-Butanone (MEK)	43	4.269	4.270	-0.001	95	312324	42.2	
42 cis-1,2-Dichloroethene	96	4.269	4.270	-0.001	86	178547	22.1	
43 2,2-Dichloropropane	77	4.281	4.282	-0.001	72	109859	19.7	
47 Chlorobromomethane	128	4.458	4.447	0.011	89	104712	22.7	
48 Tetrahydrofuran	42	4.494	4.495	-0.001	91	93628	20.3	
49 Chloroform	83	4.506	4.507	-0.001	98	271268	21.0	
50 1,1,1-Trichloroethane	97	4.671	4.660	0.011	93	186284	18.3	
51 Cyclohexane	56	4.718	4.719	-0.001	98	274024	16.4	
52 1,1-Dichloropropene	75	4.789	4.790	-0.001	83	171514	18.9	
53 Carbon tetrachloride	117	4.801	4.802	-0.001	85	170777	17.7	
54 Isobutyl alcohol	41	4.813	4.812	0.001	93	439045	944.4	
56 1,2-Dichloroethane	62	4.943	4.944	-0.001	64	306636	23.1	
55 Benzene	78	4.943	4.944	-0.001	93	581663	21.4	
60 Trichloroethene	130	5.440	5.441	-0.001	92	172208	20.7	
63 Methylcyclohexane	83	5.606	5.607	-0.001	89	212742	17.0	
62 1,2-Dichloropropane	63	5.617	5.618	-0.001	81	174888	22.4	
65 Dibromomethane	93	5.712	5.713	-0.001	83	113464	25.5	
67 Dichlorobromomethane	83	5.819	5.820	-0.002	95	199778	22.9	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.186	-0.001	79	202311	20.1	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.304	-0.001	98	541046	40.8	
72 Toluene	91	6.481	6.482	-0.001	97	627077	20.4	
73 trans-1,3-Dichloropropene	75	6.647	6.636	0.010	91	185670	20.5	
75 1,1,2-Trichloroethane	97	6.800	6.801	-0.001	97	154136	24.2	
76 1,3-Dichloropropane	76	6.954	6.955	-0.001	92	254655	23.9	
77 Tetrachloroethene	164	6.954	6.955	-0.001	71	121981	19.1	
78 2-Hexanone	43	7.001	7.002	-0.001	97	356900	39.1	
79 Chlorodibromomethane	129	7.155	7.156	-0.001	89	164557	21.7	
123 Ethylene Dibromide	107	7.273	7.274	-0.001	99	155362	23.3	
82 Chlorobenzene	112	7.711	7.712	-0.001	92	448484	21.0	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.771	-0.001	86	154519	22.3	
84 Ethylbenzene	106	7.794	7.795	-0.001	98	211093	20.1	
10 m-Xylene & p-Xylene	106	7.900	7.901	-0.001	98	534903	42.1	
85 o-Xylene	106	8.267	8.268	-0.001	88	263685	21.9	
86 Styrene	104	8.279	8.280	-0.001	90	450738	22.0	
87 Bromoform	173	8.456	8.457	-0.001	95	90926	21.8	
88 Isopropylbenzene	105	8.610	8.611	-0.001	96	604237	19.3	
89 Cyclohexanone	55	8.693	8.703	-0.010	85	200347	86.5	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.871	-0.001	86	165773	23.6	
91 Bromobenzene	156	8.918	8.907	0.011	85	200776	22.5	
92 1,2,3-Trichloropropane	110	8.929	8.930	-0.001	77	67739	25.5	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.930	-0.001	78	146837	46.7	
94 N-Propylbenzene	120	9.000	9.001	-0.001	98	175735	20.0	
95 2-Chlorotoluene	126	9.095	9.096	-0.001	97	159095	20.8	
96 1,3,5-Trimethylbenzene	105	9.166	9.167	-0.001	85	499970	20.4	
104 4-Chlorotoluene	126	9.190	9.191	-0.001	98	175602	22.2	
97 tert-Butylbenzene	119	9.485	9.486	-0.001	91	433166	18.7	
98 1,2,4-Trimethylbenzene	105	9.533	9.534	-0.001	76	517802	21.7	
99 sec-Butylbenzene	105	9.698	9.699	-0.001	94	571122	18.9	
100 1,3-Dichlorobenzene	146	9.817	9.818	-0.001	96	346277	21.7	
101 4-Isopropyltoluene	119	9.840	9.841	-0.001	94	510569	18.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	9.899	9.900	-0.001	92	357972	21.4	
103 1,2,3-Trimethylbenzene	105	9.947	9.945	0.002	88	518690	21.3	
105 n-Butylbenzene	91	10.242	10.232	0.010	96	390250	18.5	
106 1,2-Dichlorobenzene	146	10.266	10.267	-0.001	98	323115	21.3	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.024	-0.001	61	23547	21.4	
109 1,2,4-Trichlorobenzene	180	11.863	11.852	0.011	94	138004	18.1	
110 Hexachlorobutadiene	225	12.028	12.029	-0.001	91	55676	18.9	
111 Naphthalene	128	12.099	12.100	-0.001	96	311868	17.3	
112 1,2,3-Trichlorobenzene	180	12.360	12.361	-0.001	96	115151	19.3	
S 136 Trihalomethanes, Total	1				0		87.5	
S 11 1,2-Dichloroethene, Total	96				0		42.6	
S 114 Xylenes, Total	106				0		64.0	

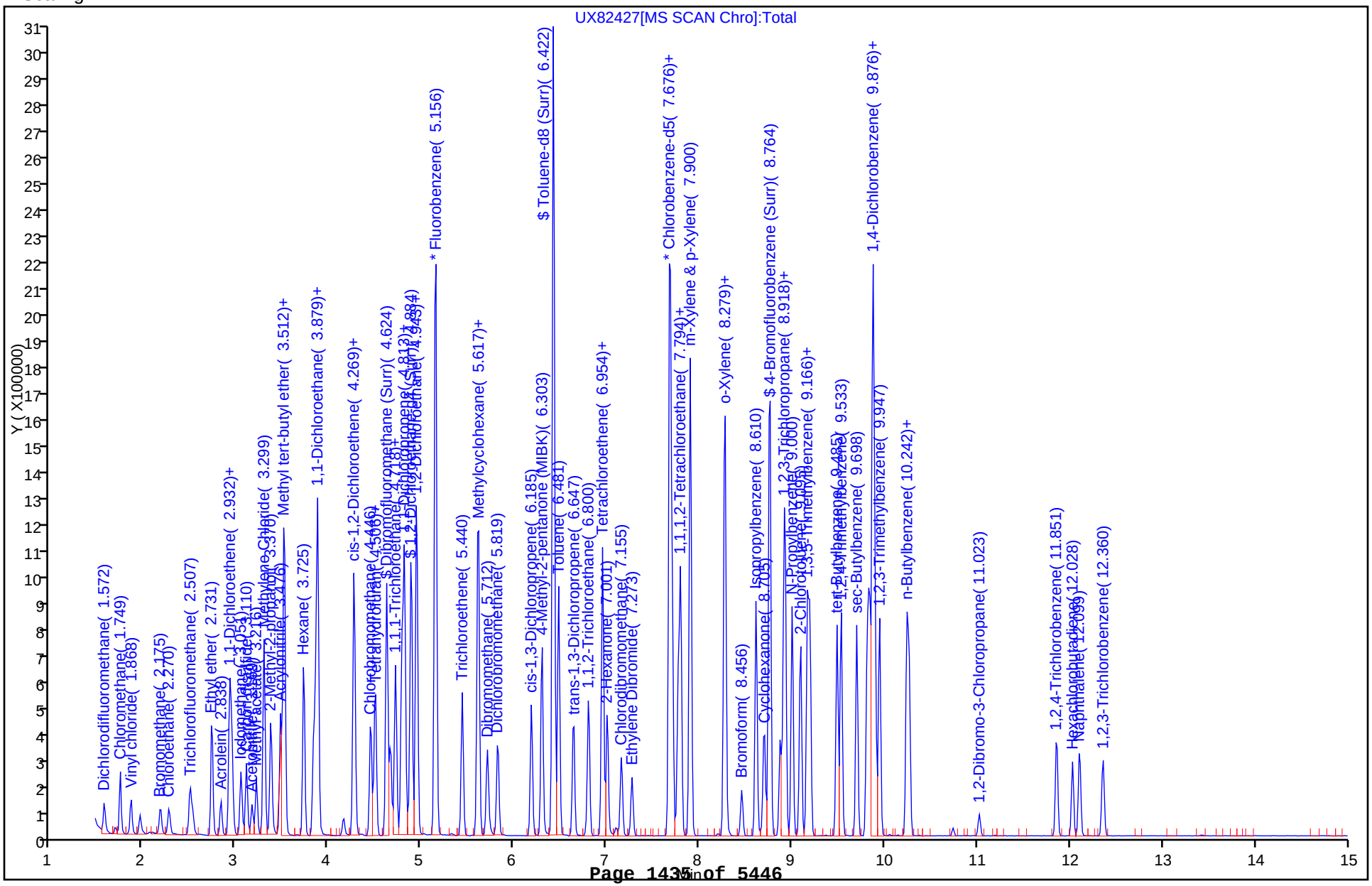
Report Date: 18-Dec-2012 01:32:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82427.D

Injection Date:	14-Dec-2012 00:14:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68663	Lims Sample ID:	6
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-68830/13

Matrix: Solid | Lab File ID: UX82466.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/15/2012 01:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	52.0		20	2.0	1.4
67-64-1	Acetone	60.0		20	6.3	6.3
71-43-2	Benzene	27.1		5.0	0.50	0.23
75-25-2	Bromoform	23.1		5.0	0.50	0.33
75-34-3	1,1-Dichloroethane	27.8		5.0	0.50	0.36
74-83-9	Bromomethane	22.2		5.0	1.0	0.54
107-06-2	1,2-Dichloroethane	26.9		5.0	0.50	0.34
75-15-0	Carbon disulfide	27.8		5.0	0.50	0.44
56-23-5	Carbon tetrachloride	27.8		5.0	0.50	0.37
75-35-4	1,1-Dichloroethene	29.5		5.0	1.0	0.52
108-90-7	Chlorobenzene	26.0		5.0	0.50	0.33
540-59-0	1,2-Dichloroethene, Total	53.9		10	1.0	0.77
78-87-5	1,2-Dichloropropane	27.3		5.0	1.0	0.69
75-27-4	Bromodichloromethane	27.6		5.0	0.50	0.28
74-87-3	Chloromethane	24.8		5.0	0.50	0.41
591-78-6	2-Hexanone	54.4		20	1.0	0.63
10061-01-5	cis-1,3-Dichloropropene	26.2		5.0	0.50	0.34
108-10-1	4-Methyl-2-pentanone (MIBK)	54.1		20	1.0	0.54
124-48-1	Dibromochloromethane	26.0		5.0	1.0	0.55
100-41-4	Ethylbenzene	26.3		5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	27.2		5.0	0.50	0.43
75-09-2	Methylene Chloride	25.5		5.0	1.0	0.67
79-34-5	1,1,2,2-Tetrachloroethane	26.8		5.0	0.50	0.34
100-42-5	Styrene	28.8		5.0	0.50	0.15
127-18-4	Tetrachloroethene	25.9		5.0	1.0	0.52
108-88-3	Toluene	26.0		5.0	0.50	0.27
67-66-3	Chloroform	26.3		5.0	0.50	0.29
71-55-6	1,1,1-Trichloroethane	28.0		5.0	1.0	0.56
74-97-5	Bromochloromethane	26.1		5.0	1.0	0.71
79-00-5	1,1,2-Trichloroethane	26.9		5.0	0.50	0.39
106-93-4	1,2-Dibromoethane	27.4		5.0	1.0	0.50
10061-02-6	trans-1,3-Dichloropropene	23.5		5.0	1.0	0.54
79-01-6	Trichloroethene	27.2		5.0	0.50	0.42
75-01-4	Vinyl chloride	24.3		5.0	0.50	0.39
75-00-3	Chloroethane	23.6		5.0	1.0	0.86
1330-20-7	Xylenes, Total	81.5		10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-68830/13

Matrix: Solid Lab File ID: UX82466.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/15/2012 01:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		61-130
2037-26-5	Toluene-d8 (Surr)	107		85-115
460-00-4	4-Bromofluorobenzene (Surr)	107		85-120
1868-53-7	Dibromofluoromethane (Surr)	104		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82466.D
Lims ID: LCS Client ID:
Inject. Date: 15-Dec-2012 01:12:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015873-013
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 12
Lims Batch ID: 68830 Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 01:40:06

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.158	-0.003	100	1667624	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.678	0.008	98	1184310	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	99	607374	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.626	-0.003	58	429448	52.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.886	-0.003	96	533268	51.8	
$ 7 Toluene-d8 (Surr)	98	6.421	6.424	-0.003	94	1570282	53.6	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.754	0.009	94	539653	53.4	
12 Dichlorodifluoromethane	85	1.583	1.574	0.009	85	122537	21.0	
13 Chloromethane	50	1.749	1.752	-0.003	100	256900	24.8	
14 Vinyl chloride	62	1.867	1.870	-0.003	99	155527	24.3	
15 Bromomethane	94	2.186	2.177	0.009	89	79826	22.2	
16 Chloroethane	64	2.281	2.272	0.009	90	92163	23.6	
18 Trichlorofluoromethane	101	2.506	2.509	-0.003	96	213849	27.9	
19 Ethyl ether	59	2.742	2.734	0.008	95	227008	27.6	
20 Acrolein	56	2.837	2.840	-0.003	90	112904	59.7	
21 1,1-Dichloroethene	96	2.931	2.923	0.008	96	157220	29.5	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.943	2.946	-0.003	89	137780	28.8	
22 Acetone	43	2.955	2.958	-0.003	96	262589	60.0	
24 Iodomethane	142	3.050	3.053	-0.003	98	316538	27.8	
26 Carbon disulfide	76	3.109	3.112	-0.003	98	437832	27.8	
27 Acetonitrile	41	3.168	3.171	-0.003	99	133198	75.3	
28 Methyl acetate	43	3.215	3.218	-0.003	97	282722	26.8	
30 Methylene Chloride	84	3.298	3.301	-0.003	87	192430	25.5	
31 2-Methyl-2-propanol	59	3.381	3.372	0.009	91	415836	504.3	
32 Acrylonitrile	53	3.475	3.479	-0.004	98	353059	81.0	
34 Methyl tert-butyl ether	73	3.523	3.514	0.009	87	534916	27.2	
33 trans-1,2-Dichloroethene	96	3.523	3.526	-0.003	68	185113	27.2	
35 Hexane	86	3.736	3.727	0.009	95	51709	27.6	
36 1,1-Dichloroethane	63	3.830	3.833	-0.003	96	359168	27.8	
37 Vinyl acetate	86	3.866	3.857	0.009	95	40882	27.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	3.878	3.881	-0.003	97	179809	29.9	
42 cis-1,2-Dichloroethene	96	4.268	4.271	-0.003	88	207728	26.7	
41 2-Butanone (MEK)	43	4.268	4.271	-0.003	95	342059	52.0	
43 2,2-Dichloropropane	77	4.280	4.283	-0.003	65	145349	28.1	
47 Chlorobromomethane	128	4.457	4.449	0.009	89	115517	26.1	
48 Tetrahydrofuran	42	4.493	4.496	-0.003	93	108692	27.3	
49 Chloroform	83	4.505	4.508	-0.003	98	321342	26.3	
50 1,1,1-Trichloroethane	97	4.670	4.661	0.009	94	252759	28.0	
51 Cyclohexane	56	4.717	4.721	-0.004	97	381138	26.9	
52 1,1-Dichloropropene	75	4.788	4.792	-0.004	81	231186	27.4	
53 Carbon tetrachloride	117	4.800	4.803	-0.003	87	230393	27.8	
54 Isobutyl alcohol	41	4.812	4.815	-0.003	93	559441	1310.0	
55 Benzene	78	4.954	4.945	0.009	94	706637	27.1	
56 1,2-Dichloroethane	62	4.942	4.945	-0.003	60	321163	26.9	
60 Trichloroethene	130	5.439	5.442	-0.003	93	215723	27.2	
63 Methylcyclohexane	83	5.605	5.608	-0.003	93	295134	26.4	
62 1,2-Dichloropropane	63	5.616	5.620	-0.004	81	196446	27.3	
65 Dibromomethane	93	5.711	5.714	-0.003	84	119611	28.3	
67 Dichlorobromomethane	83	5.829	5.821	0.008	96	223778	27.6	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.184	6.187	-0.003	80	232232	26.2	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.306	-0.004	98	631962	54.1	
72 Toluene	91	6.480	6.483	-0.003	97	762249	26.0	
73 trans-1,3-Dichloropropene	75	6.646	6.637	0.009	91	204581	23.5	
75 1,1,2-Trichloroethane	97	6.811	6.802	0.009	94	165224	26.9	
77 Tetrachloroethene	164	6.965	6.956	0.009	96	161330	25.9	
76 1,3-Dichloropropane	76	6.953	6.956	-0.003	90	270802	27.3	
78 2-Hexanone	43	7.000	7.003	-0.003	97	430495	54.4	
79 Chlorodibromomethane	129	7.154	7.157	-0.003	90	175119	26.0	
123 Ethylene Dibromide	107	7.272	7.276	-0.004	97	164944	27.4	
82 Chlorobenzene	112	7.710	7.713	-0.003	91	521657	26.0	
83 1,1,1,2-Tetrachloroethane	131	7.769	7.772	-0.003	90	180275	28.0	
84 Ethylbenzene	106	7.805	7.796	0.009	98	265445	26.3	
10 m-Xylene & p-Xylene	106	7.899	7.902	-0.003	98	650867	53.7	
85 o-Xylene	106	8.266	8.269	-0.003	91	321599	27.8	
86 Styrene	104	8.278	8.281	-0.003	89	536139	28.8	
87 Bromoform	173	8.455	8.458	-0.003	96	99735	23.1	
88 Isopropylbenzene	105	8.609	8.612	-0.003	96	807044	27.5	
89 Cyclohexanone	55	8.704	8.695	0.009	95	181482	84.3	
90 1,1,2,2-Tetrachloroethane	83	8.869	8.872	-0.003	84	188566	26.8	
91 Bromobenzene	156	8.917	8.908	0.009	84	231108	26.3	
92 1,2,3-Trichloropropane	110	8.928	8.920	0.008	77	75239	27.7	
93 trans-1,4-Dichloro-2-butene	53	8.928	8.932	-0.004	77	168409	56.0	
94 N-Propylbenzene	120	8.999	9.002	-0.003	99	226123	27.2	
95 2-Chlorotoluene	126	9.094	9.097	-0.003	97	198660	25.9	
96 1,3,5-Trimethylbenzene	105	9.165	9.168	-0.003	82	632907	26.3	
104 4-Chlorotoluene	126	9.200	9.192	0.008	96	206733	25.8	
97 tert-Butylbenzene	119	9.484	9.487	-0.003	93	641497	28.0	
98 1,2,4-Trimethylbenzene	105	9.532	9.535	-0.003	77	645381	26.8	
99 sec-Butylbenzene	105	9.697	9.700	-0.003	94	766429	25.4	
100 1,3-Dichlorobenzene	146	9.816	9.819	-0.003	84	410685	25.3	
101 4-Isopropyltoluene	119	9.839	9.842	-0.003	91	673227	26.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	9.898	9.901	-0.003	91	412212	24.4	
103 1,2,3-Trimethylbenzene	105	9.946	9.949	-0.003	88	628566	25.8	
105 n-Butylbenzene	91	10.241	10.233	0.008	97	530126	25.4	
106 1,2-Dichlorobenzene	146	10.265	10.268	-0.003	98	381933	25.1	
107 1,2-Dibromo-3-Chloropropane	157	11.022	11.025	-0.003	65	29205	25.8	
109 1,2,4-Trichlorobenzene	180	11.862	11.853	0.009	94	167187	21.5	
110 Hexachlorobutadiene	225	12.028	12.031	-0.003	93	72556	26.6	
111 Naphthalene	128	12.110	12.102	0.008	96	418250	22.7	
112 1,2,3-Trichlorobenzene	180	12.359	12.362	-0.003	95	141264	25.8	
S 136 Trihalomethanes, Total	1				0		103.0	
S 11 1,2-Dichloroethene, Total	96				0		54.0	
S 114 Xylenes, Total	106				0		81.5	

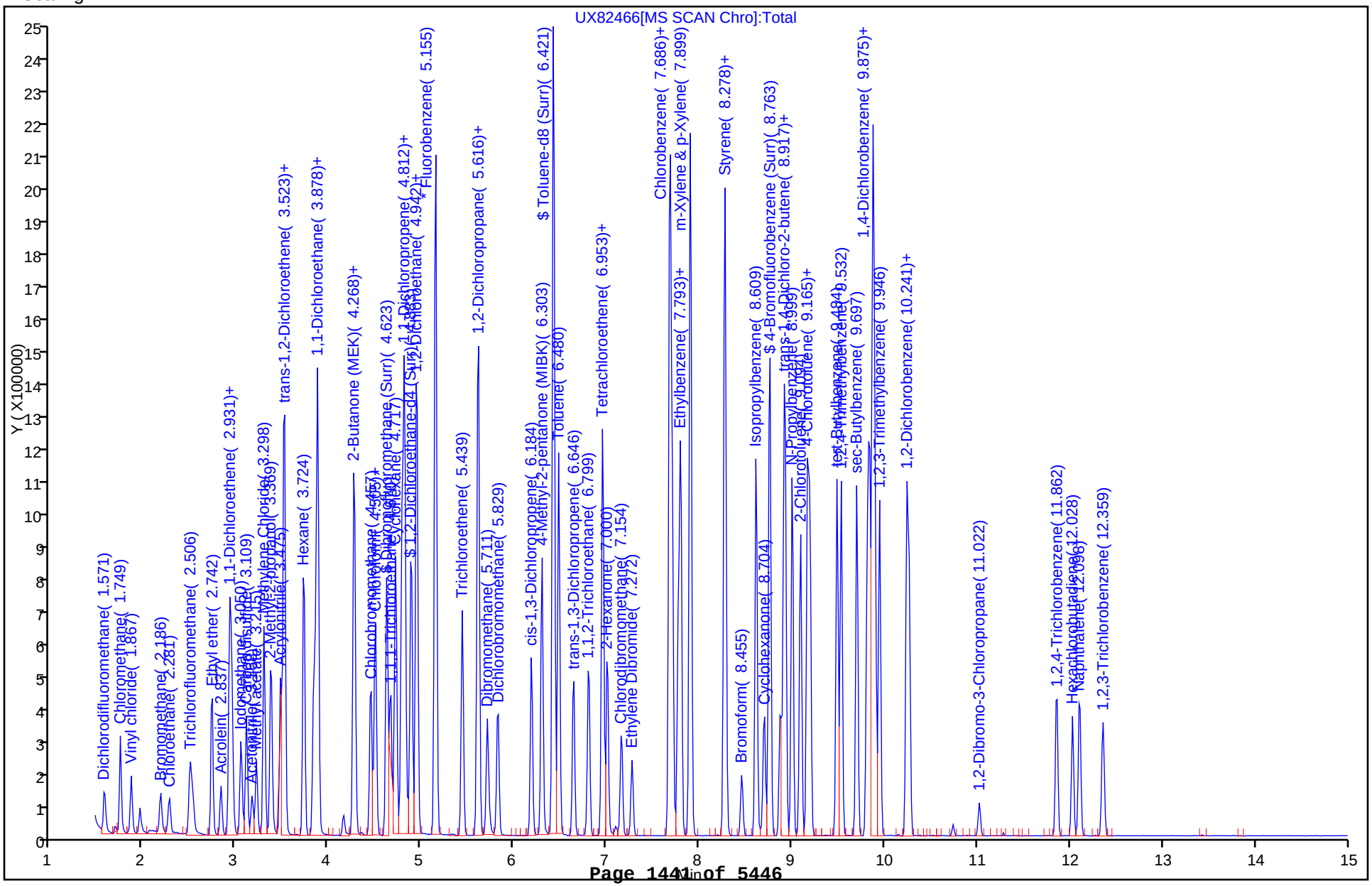
Report Date: 18-Dec-2012 02:06:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82466.D

Injection Date:	15-Dec-2012 01:12:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	13
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-68879/6

Matrix: Solid | Lab File ID: UX82497.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/15/2012 18:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	43.0		20	2.0	1.4
67-64-1	Acetone	52.1		20	6.3	6.3
71-43-2	Benzene	27.1		5.0	0.50	0.23
75-25-2	Bromoform	20.9		5.0	0.50	0.33
75-34-3	1,1-Dichloroethane	27.0		5.0	0.50	0.36
74-83-9	Bromomethane	21.7		5.0	1.0	0.54
107-06-2	1,2-Dichloroethane	26.1		5.0	0.50	0.34
75-15-0	Carbon disulfide	27.2		5.0	0.50	0.44
56-23-5	Carbon tetrachloride	27.7		5.0	0.50	0.37
75-35-4	1,1-Dichloroethene	29.5		5.0	1.0	0.52
108-90-7	Chlorobenzene	26.4		5.0	0.50	0.33
540-59-0	1,2-Dichloroethene, Total	52.8		10	1.0	0.77
78-87-5	1,2-Dichloropropane	26.6		5.0	1.0	0.69
75-27-4	Bromodichloromethane	27.4		5.0	0.50	0.28
74-87-3	Chloromethane	25.2		5.0	0.50	0.41
591-78-6	2-Hexanone	41.9		20	1.0	0.63
10061-01-5	cis-1,3-Dichloropropene	25.3		5.0	0.50	0.34
108-10-1	4-Methyl-2-pentanone (MIBK)	44.6		20	1.0	0.54
124-48-1	Dibromochloromethane	24.7		5.0	1.0	0.55
100-41-4	Ethylbenzene	27.2		5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	25.2		5.0	0.50	0.43
75-09-2	Methylene Chloride	28.3		5.0	1.0	0.67
79-34-5	1,1,2,2-Tetrachloroethane	24.5		5.0	0.50	0.34
100-42-5	Styrene	28.7		5.0	0.50	0.15
127-18-4	Tetrachloroethene	26.3		5.0	1.0	0.52
108-88-3	Toluene	25.9		5.0	0.50	0.27
67-66-3	Chloroform	26.5		5.0	0.50	0.29
71-55-6	1,1,1-Trichloroethane	27.4		5.0	1.0	0.56
74-97-5	Bromochloromethane	24.9		5.0	1.0	0.71
79-00-5	1,1,2-Trichloroethane	25.2		5.0	0.50	0.39
106-93-4	1,2-Dibromoethane	26.2		5.0	1.0	0.50
10061-02-6	trans-1,3-Dichloropropene	22.6		5.0	1.0	0.54
79-01-6	Trichloroethene	27.4		5.0	0.50	0.42
75-01-4	Vinyl chloride	25.7		5.0	0.50	0.39
75-00-3	Chloroethane	23.7		5.0	1.0	0.86
1330-20-7	Xylenes, Total	81.4		10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-68879/6

Matrix: Solid Lab File ID: UX82497.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/15/2012 18:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		61-130
2037-26-5	Toluene-d8 (Surr)	103		85-115
460-00-4	4-Bromofluorobenzene (Surr)	102		85-120
1868-53-7	Dibromofluoromethane (Surr)	101		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82497.D
Lims ID: LCS Client ID:
Inject. Date: 15-Dec-2012 18:40:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015886-006
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 68879 Lims Sample ID: 6
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 15-Dec-2012 19:01:48

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.157	5.147	0.010	100	1544787	50.0	
* 2 Chlorobenzene-d5	117	7.689	7.678	0.011	97	1119401	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.878	-0.001	99	552203	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.624	0.001	59	388229	50.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.885	4.884	0.001	96	466033	48.3	
$ 7 Toluene-d8 (Surr)	98	6.423	6.421	0.002	94	1431138	51.3	
$ 131 4-Bromofluorobenzene (Surr)	95	8.753	8.763	-0.010	91	492547	51.2	
12 Dichlorodifluoromethane	85	1.573	1.572	0.001	96	120647	22.3	
13 Chloromethane	50	1.751	1.749	0.002	100	241769	25.2	
14 Vinyl chloride	62	1.869	1.867	0.002	99	152197	25.7	
15 Bromomethane	94	2.177	2.187	-0.010	92	72551	21.7	
16 Chloroethane	64	2.271	2.281	-0.010	93	85640	23.7	
18 Trichlorofluoromethane	101	2.508	2.506	0.002	96	210104	29.5	
19 Ethyl ether	59	2.733	2.734	-0.001	93	191653	25.1	
20 Acrolein	56	2.839	2.837	0.002	92	89662	51.2	
21 1,1-Dichloroethene	96	2.922	2.932	-0.010	96	145414	29.5	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.945	2.944	0.001	88	132958	30.0	
22 Acetone	43	2.957	2.956	0.001	96	214259	52.1	
24 Iodomethane	142	3.052	3.050	0.002	99	284515	27.0	
26 Carbon disulfide	76	3.111	3.109	0.002	98	396258	27.2	
27 Acetonitrile	41	3.170	3.169	0.001	99	107811	65.8	
28 Methyl acetate	43	3.218	3.216	0.002	97	213348	21.9	
30 Methylene Chloride	84	3.300	3.299	0.001	93	196057	28.3	
31 2-Methyl-2-propanol	59	3.371	3.382	-0.011	90	267865	350.7	
32 Acrylonitrile	53	3.478	3.476	0.002	97	279199	69.1	
34 Methyl tert-butyl ether	73	3.513	3.523	-0.010	86	459340	25.2	
33 trans-1,2-Dichloroethene	96	3.513	3.523	-0.010	69	168077	26.7	
35 Hexane	86	3.726	3.736	-0.010	95	49527	28.6	
36 1,1-Dichloroethane	63	3.833	3.831	0.002	96	323443	27.0	
37 Vinyl acetate	86	3.856	3.855	0.001	97	37123	26.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	3.880	3.881	-0.001	97	157942	28.3	
42 cis-1,2-Dichloroethene	96	4.270	4.269	0.001	88	187715	26.1	
41 2-Butanone (MEK)	43	4.270	4.269	0.001	90	261843	43.0	
43 2,2-Dichloropropane	77	4.282	4.280	0.002	73	135024	28.2	
47 Chlorobromomethane	128	4.448	4.458	-0.010	92	102207	24.9	
48 Tetrahydrofuran	42	4.495	4.493	0.002	91	79582	21.6	
49 Chloroform	83	4.507	4.505	0.002	99	299500	26.5	
50 1,1,1-Trichloroethane	97	4.661	4.671	-0.010	91	228911	27.4	
51 Cyclohexane	56	4.720	4.718	0.002	99	359932	27.5	
52 1,1-Dichloropropene	75	4.791	4.789	0.002	83	211398	27.1	
53 Carbon tetrachloride	117	4.803	4.801	0.002	92	212283	27.7	
54 Isobutyl alcohol	41	4.814	4.816	-0.002	93	378604	957.1	
56 1,2-Dichloroethane	62	4.945	4.943	0.001	55	288301	26.1	
55 Benzene	78	4.945	4.943	0.001	93	655884	27.1	
60 Trichloroethene	130	5.441	5.440	0.001	93	201009	27.4	
63 Methylcyclohexane	83	5.607	5.605	0.002	93	288173	27.8	
62 1,2-Dichloropropane	63	5.619	5.617	0.002	89	177662	26.6	
65 Dibromomethane	93	5.713	5.712	0.001	82	105781	27.1	
67 Dichlorobromomethane	83	5.820	5.830	-0.010	94	205698	27.4	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.187	6.185	0.001	79	207893	25.3	
71 4-Methyl-2-pentanone (MIBK)	43	6.305	6.303	0.002	98	482842	44.6	
72 Toluene	91	6.482	6.481	0.001	93	717938	25.9	
73 trans-1,3-Dichloropropene	75	6.636	6.646	-0.010	87	186063	22.6	
75 1,1,2-Trichloroethane	97	6.802	6.800	0.002	95	146136	25.2	
76 1,3-Dichloropropane	76	6.955	6.954	0.001	93	247165	26.4	
77 Tetrachloroethene	164	6.955	6.966	-0.011	84	155028	26.3	
78 2-Hexanone	43	7.003	7.001	0.002	96	313842	41.9	
79 Chlorodibromomethane	129	7.156	7.155	0.001	90	157252	24.7	
123 Ethylene Dibromide	107	7.275	7.273	0.002	96	149357	26.2	
82 Chlorobenzene	112	7.712	7.711	0.001	88	500822	26.4	
83 1,1,1,2-Tetrachloroethane	131	7.772	7.770	0.002	84	161950	26.6	
84 Ethylbenzene	106	7.795	7.794	0.001	98	259711	27.2	
10 m-Xylene & p-Xylene	106	7.902	7.900	0.002	98	617453	53.9	
85 o-Xylene	106	8.268	8.267	0.001	89	299931	27.5	
86 Styrene	104	8.280	8.279	0.001	89	505532	28.7	
87 Bromoform	173	8.458	8.456	0.002	96	85115	20.9	
88 Isopropylbenzene	105	8.611	8.610	0.001	96	752449	27.2	
89 Cyclohexanone	55	8.694	8.695	-0.001	94	117271	57.6	
90 1,1,2,2-Tetrachloroethane	83	8.872	8.870	0.002	82	156928	24.5	
91 Bromobenzene	156	8.919	8.917	0.002	89	209992	26.3	
92 1,2,3-Trichloropropane	110	8.931	8.929	0.002	76	60096	24.3	
93 trans-1,4-Dichloro-2-butene	53	8.931	8.929	0.002	79	132603	48.5	
94 N-Propylbenzene	120	9.002	9.000	0.002	98	212310	28.1	
95 2-Chlorotoluene	126	9.096	9.095	0.001	97	185610	26.6	
96 1,3,5-Trimethylbenzene	105	9.167	9.166	0.001	85	598495	27.4	
104 4-Chlorotoluene	126	9.191	9.189	0.002	97	198825	27.3	
97 tert-Butylbenzene	119	9.487	9.485	0.002	92	535346	25.7	
98 1,2,4-Trimethylbenzene	105	9.534	9.532	0.002	77	599850	27.4	
99 sec-Butylbenzene	105	9.700	9.698	0.002	94	719682	26.3	
100 1,3-Dichlorobenzene	146	9.818	9.816	0.002	96	378547	25.7	
101 4-Isopropyltoluene	119	9.842	9.840	0.002	91	630563	27.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	9.901	9.899	0.002	92	374569	24.4	
103 1,2,3-Trimethylbenzene	105	9.948	9.949	-0.001	88	566169	25.6	
105 n-Butylbenzene	91	10.244	10.242	0.002	96	500603	26.4	
106 1,2-Dichlorobenzene	146	10.267	10.266	0.001	98	338901	24.5	
107 1,2-Dibromo-3-Chloropropane	157	11.024	11.023	0.001	56	20375	19.8	
109 1,2,4-Trichlorobenzene	180	11.864	11.863	0.001	94	149357	21.1	
110 Hexachlorobutadiene	225	12.030	12.028	0.002	93	69511	28.4	
111 Naphthalene	128	12.101	12.099	0.002	97	315356	18.8	
112 1,2,3-Trichlorobenzene	180	12.361	12.359	0.002	96	121837	24.3	
S 136 Trihalomethanes, Total	1				0		99.4	
S 11 1,2-Dichloroethene, Total	96				0		52.8	
S 114 Xylenes, Total	106				0		81.3	

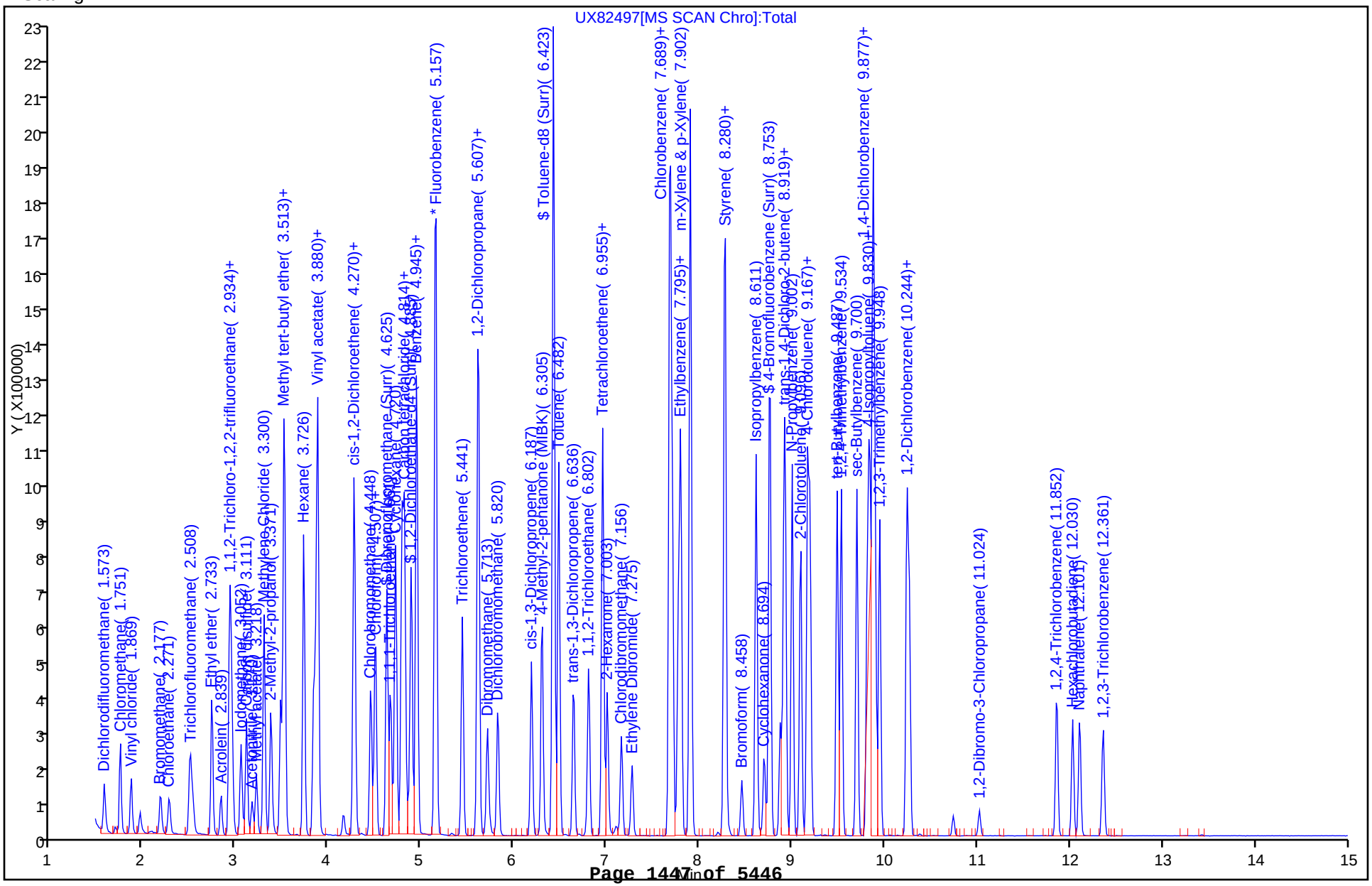
Report Date: 19-Dec-2012 02:39:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82497.D

Injection Date:	15-Dec-2012 18:40:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	6
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-68905/6

Matrix: Solid Lab File ID: UX82530.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/17/2012 00:47

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68905 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	27.7		5.0	0.50	0.23
100-41-4	Ethylbenzene	26.8		5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	27.4		5.0	0.50	0.43
108-88-3	Toluene	26.1		5.0	0.50	0.27
1330-20-7	Xylenes, Total	81.7		10	1.5	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		61-130
2037-26-5	Toluene-d8 (Surr)	102		85-115
460-00-4	4-Bromofluorobenzene (Surr)	101		85-120
1868-53-7	Dibromofluoromethane (Surr)	103		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82530.D
Lims ID: LCS Client ID:
Inject. Date: 17-Dec-2012 00:47:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015896-006
Misc. Info.: M21216A,8260SUX8,,402279 =M21216A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 68905 Lims Sample ID: 6
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\8260_8.m
Last Update: 20-Dec-2012 03:33:06 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: latat Date: 17-Dec-2012 01:29:00

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.158	5.155	0.003	99	1491884	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.686	-0.008	98	1048746	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.874	0.004	99	523431	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.623	0.003	58	379947	51.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.884	0.002	96	474783	51.5	
$ 7 Toluene-d8 (Surr)	98	6.424	6.421	0.003	95	1334931	51.1	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.763	-0.009	92	456025	50.5	
12 Dichlorodifluoromethane	85	1.574	1.583	-0.009	97	118092	22.6	
13 Chloromethane	50	1.752	1.749	0.003	100	243098	26.3	
14 Vinyl chloride	62	1.870	1.867	0.003	100	146496	25.6	
15 Bromomethane	94	2.177	2.187	-0.010	92	72918	22.6	
16 Chloroethane	64	2.272	2.281	-0.009	94	90619	26.0	
18 Trichlorofluoromethane	101	2.509	2.506	0.003	96	206874	30.1	
19 Ethyl ether	59	2.733	2.741	-0.008	95	204467	27.8	
20 Acrolein	56	2.840	2.837	0.003	89	96659	57.2	
21 1,1-Dichloroethene	96	2.934	2.932	0.002	96	145932	30.6	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.946	2.944	0.002	89	130920	30.6	
22 Acetone	43	2.958	2.956	0.002	96	236042	60.3	
24 Iodomethane	142	3.053	3.050	0.003	99	297053	29.1	
26 Carbon disulfide	76	3.112	3.109	0.003	98	409508	29.1	
27 Acetonitrile	41	3.171	3.168	0.003	99	117335	74.2	
28 Methyl acetate	43	3.218	3.216	0.002	98	245006	26.0	
30 Methylene Chloride	84	3.301	3.299	0.002	92	203464	30.5	
31 2-Methyl-2-propanol	59	3.372	3.369	0.003	88	290311	393.5	
32 Acrylonitrile	53	3.479	3.476	0.003	96	315051	80.8	
34 Methyl tert-butyl ether	73	3.514	3.523	-0.009	85	482511	27.4	
33 trans-1,2-Dichloroethene	96	3.526	3.523	0.003	70	171420	28.2	
35 Hexane	86	3.727	3.736	-0.009	95	49464	29.5	
36 1,1-Dichloroethane	63	3.833	3.831	0.002	98	327749	28.3	
37 Vinyl acetate	86	3.857	3.854	0.003	96	35985	26.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	3.881	3.877	0.004	97	157640	29.3	
41 2-Butanone (MEK)	43	4.271	4.268	0.003	96	291374	49.5	
42 cis-1,2-Dichloroethene	96	4.271	4.268	0.003	88	192403	27.7	
43 2,2-Dichloropropane	77	4.283	4.280	0.003	73	147951	32.0	
47 Chlorobromomethane	128	4.448	4.458	-0.010	90	107274	27.1	
48 Tetrahydrofuran	42	4.496	4.493	0.003	90	92397	26.0	
49 Chloroform	83	4.508	4.505	0.003	98	297075	27.2	
50 1,1,1-Trichloroethane	97	4.661	4.659	0.002	92	241578	29.9	
51 Cyclohexane	56	4.721	4.718	0.003	98	366797	29.0	
52 1,1-Dichloropropene	75	4.792	4.789	0.003	80	220497	29.2	
53 Carbon tetrachloride	117	4.803	4.801	0.002	89	227338	30.7	
54 Isobutyl alcohol	41	4.815	4.811	0.004	91	372904	976.1	
55 Benzene	78	4.945	4.943	0.002	93	645655	27.7	
56 1,2-Dichloroethane	62	4.945	4.943	0.002	61	299491	28.1	
60 Trichloroethene	130	5.442	5.439	0.003	92	192310	27.1	
63 Methylcyclohexane	83	5.608	5.605	0.003	90	281452	28.1	
62 1,2-Dichloropropane	63	5.620	5.617	0.003	85	177820	27.6	
65 Dibromomethane	93	5.714	5.712	0.002	82	111084	29.4	
67 Dichlorobromomethane	83	5.821	5.818	0.003	95	209609	28.9	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.187	6.185	0.002	80	206995	26.1	
71 4-Methyl-2-pentanone (MIBK)	43	6.294	6.303	-0.009	98	524739	50.2	
72 Toluene	91	6.483	6.480	0.003	94	678350	26.1	
73 trans-1,3-Dichloropropene	75	6.637	6.646	-0.009	90	183592	23.8	
75 1,1,2-Trichloroethane	97	6.802	6.800	0.002	95	142588	26.2	
77 Tetrachloroethene	164	6.956	6.954	0.002	85	143043	25.9	
76 1,3-Dichloropropane	76	6.956	6.954	0.002	91	232375	26.5	
78 2-Hexanone	43	7.003	7.001	0.002	96	335765	47.9	
79 Chlorodibromomethane	129	7.157	7.155	0.002	89	159024	26.6	
123 Ethylene Dibromide	107	7.276	7.273	0.003	97	144810	27.1	
82 Chlorobenzene	112	7.713	7.711	0.002	93	465537	26.2	
83 1,1,1,2-Tetrachloroethane	131	7.772	7.770	0.002	88	161610	28.3	
84 Ethylbenzene	106	7.796	7.793	0.003	98	239447	26.8	
10 m-Xylene & p-Xylene	106	7.902	7.900	0.002	98	582024	54.2	
85 o-Xylene	106	8.269	8.267	0.003	89	281329	27.5	
86 Styrene	104	8.281	8.278	0.003	89	469266	28.4	
87 Bromoform	173	8.458	8.456	0.002	96	92701	24.2	
88 Isopropylbenzene	105	8.612	8.610	0.002	96	722953	27.8	
89 Cyclohexanone	55	8.695	8.703	-0.008	96	125157	65.7	
90 1,1,2,2-Tetrachloroethane	83	8.872	8.870	0.002	81	162408	26.8	
91 Bromobenzene	156	8.920	8.917	0.003	88	211661	28.0	
92 1,2,3-Trichloropropane	110	8.920	8.929	-0.009	78	64853	27.7	
93 trans-1,4-Dichloro-2-butene	53	8.931	8.929	0.002	82	140252	54.1	
94 N-Propylbenzene	120	9.002	9.000	0.002	98	200804	28.0	
95 2-Chlorotoluene	126	9.097	9.095	0.003	97	176766	26.7	
96 1,3,5-Trimethylbenzene	105	9.168	9.165	0.003	94	582706	28.1	
104 4-Chlorotoluene	126	9.192	9.189	0.003	97	190293	27.5	
97 tert-Butylbenzene	119	9.487	9.485	0.002	91	539562	27.3	
98 1,2,4-Trimethylbenzene	105	9.535	9.532	0.003	86	585956	28.2	
99 sec-Butylbenzene	105	9.700	9.698	0.002	94	718750	27.7	
100 1,3-Dichlorobenzene	146	9.819	9.816	0.003	97	367732	26.3	
101 4-Isopropyltoluene	119	9.842	9.840	0.002	91	623804	28.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	9.901	9.899	0.002	91	373674	25.7	
103 1,2,3-Trimethylbenzene	105	9.949	9.945	0.004	88	564381	26.9	
105 n-Butylbenzene	91	10.244	10.242	0.002	96	484743	27.0	
106 1,2-Dichlorobenzene	146	10.268	10.266	0.002	97	339696	25.9	
107 1,2-Dibromo-3-Chloropropane	157	11.025	11.023	0.002	59	23380	24.0	
109 1,2,4-Trichlorobenzene	180	11.853	11.862	-0.009	94	145106	21.7	
110 Hexachlorobutadiene	225	12.031	12.028	0.003	92	69813	30.4	
111 Naphthalene	128	12.102	12.111	-0.009	96	314296	19.8	
112 1,2,3-Trichlorobenzene	180	12.362	12.359	0.003	96	117563	24.8	
S 136 Trihalomethanes, Total	1				0		106.9	
S 11 1,2-Dichloroethene, Total	96				0		55.9	
S 114 Xylenes, Total	106				0		81.7	

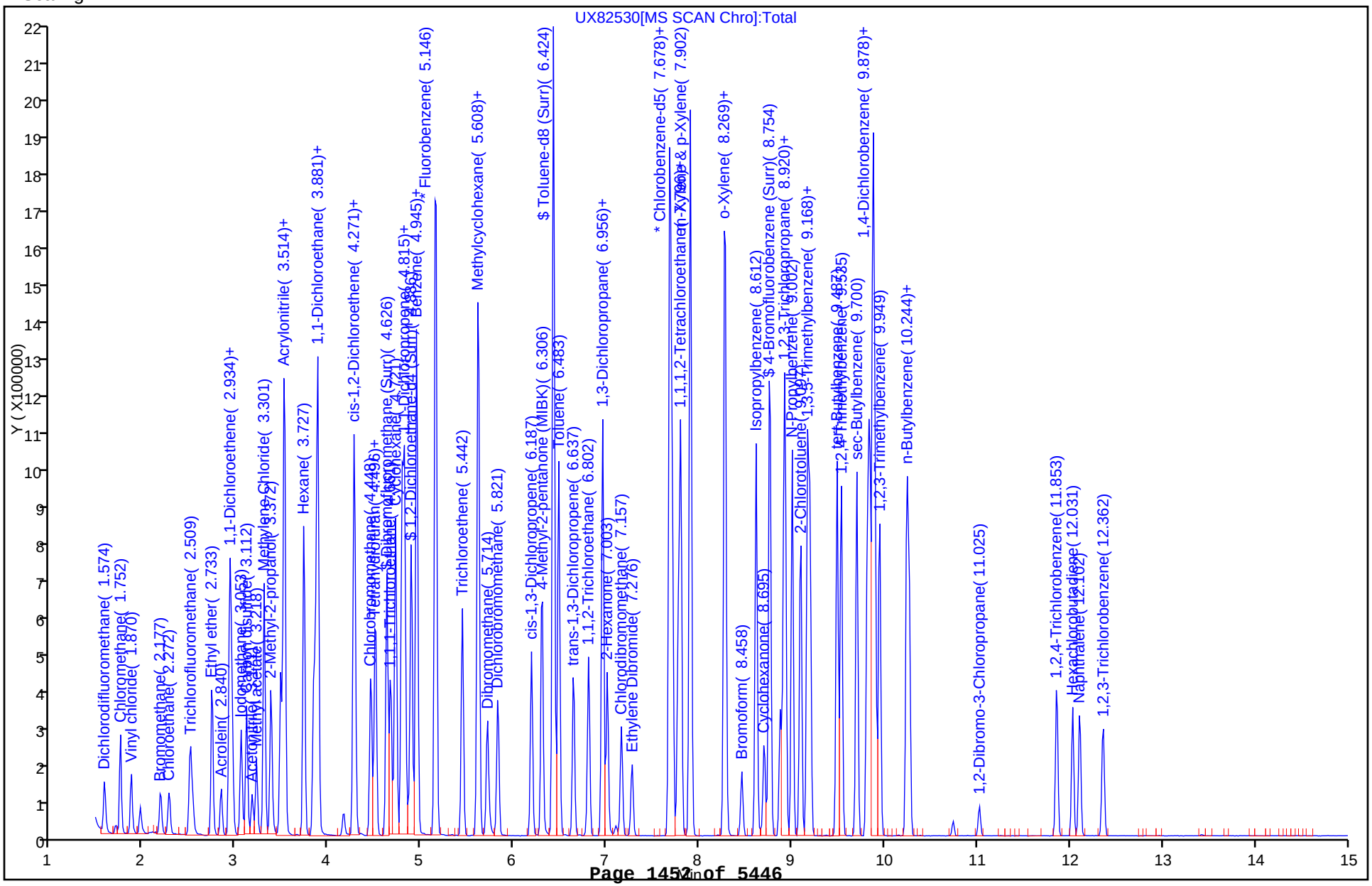
Report Date: 20-Dec-2012 03:33:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82530.D

Injection Date:	17-Dec-2012 00:47:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	6
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68395/4

Matrix: Water | Lab File ID: UXJ8969.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/12/2012 12:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68395 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.0109		0.010	0.00050	0.00057
67-64-1	Acetone	0.00996	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.00112		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.000790	J	0.0010	0.00050	0.00064
75-34-3	1,1-Dichloroethane	0.00113		0.0010	0.00025	0.00015
74-83-9	Bromomethane	0.00110		0.0010	0.00050	0.00041
107-06-2	1,2-Dichloroethane	0.00110		0.0010	0.00025	0.00022
75-15-0	Carbon disulfide	0.00102		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00103		0.0010	0.00025	0.00013
75-35-4	1,1-Dichloroethene	0.00101		0.0010	0.00025	0.00019
108-90-7	Chlorobenzene	0.00105		0.0010	0.00025	0.00015
540-59-0	1,2-Dichloroethene, Total	0.00217		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00108		0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.00102		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00120		0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.0112		0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.000960	J	0.0010	0.00025	0.00014
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0111		0.010	0.00050	0.00032
124-48-1	Dibromochloromethane	0.000919	J	0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.00102		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00106		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00165	^	0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.00138	^	0.0010	0.00025	0.00018
100-42-5	Styrene	0.00103		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.000880	J	0.0010	0.00050	0.00029
108-88-3	Toluene	0.00109		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00108		0.0010	0.00025	0.00016
71-55-6	1,1,1-Trichloroethane	0.00112		0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.000955	J	0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.00105		0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.00102		0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00102		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.000942	J	0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00104		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00113		0.0010	0.00050	0.00029
1330-20-7	Xylenes, Total	0.00309		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-68395/4

Matrix: Water Lab File ID: UXJ8969.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/12/2012 12:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68395 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		50-150
2037-26-5	Toluene-d8 (Surr)	98		50-150
460-00-4	4-Bromofluorobenzene (Surr)	105		50-150
1868-53-7	Dibromofluoromethane (Surr)	91		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8969.D
Lims ID: MRL Client ID:
Inject. Date: 12-Dec-2012 12:52:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015761-004
Misc. Info.: J21212A,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 68395 Lims Sample ID: 4
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\8260_11.m
Last Update: 13-Dec-2012 08:28:24 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: evansle Date: 12-Dec-2012 13:14:02

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	98	1186761	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	83	701213	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	94	221540	10.0	
$ 134 BFB	95	5.115	4.196	0.919	0	128969	0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	93	246154	7.58	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	88	308090	8.18	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	84	983116	8.18	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	88	210992	8.79	
135 Chlorodifluoromethane TIC	1		0.000					
136 1,4-Dichlorobutane	1		0.000					
8 Dichlorodifluoromethane	85	1.553	1.542	0.011	70	25540	1.08	
9 Chloromethane	50	1.695	1.696	-0.001	76	25284	1.20	
10 Vinyl chloride	62	1.790	1.790	0.0	72	22907	1.04	
11 Bromomethane	94	2.062	2.074	-0.012	65	11354	1.10	
12 Chloroethane	64	2.157	2.157	0.0	58	13832	1.13	
13 Dichlorofluoromethane	67		2.299					
14 Trichlorofluoromethane	101	2.358	2.358	0.0	75	25001	0.99	
15 Ethyl ether	59		2.559					
16 Acrolein	56	2.654	2.654	0.0	87	34597	10.6	
17 Acetone	43	2.772	2.772	0.0	99	81935	9.96	
19 1,1-Dichloroethene	96	2.772	2.784	-0.012	46	21216	1.01	
18 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.784	2.784	0.0	6	13993	0.9477	
20 Methylal	45		2.856					9
21 Iodomethane	142	2.914	2.914	0.0	75	22097	0.8894	
23 Carbon disulfide	76	2.962	2.973	-0.011	93	53082	1.02	
24 Acetonitrile	41	2.997	2.997	0.0	94	24501	11.7	
22 3-Chloro-1-propene	76		3.044					9
25 Methyl acetate	43	3.044	3.044	0.0	85	52351	2.78	
26 Methylene Chloride	84	3.163	3.163	0.0	78	38638	1.65	
27 2-Methyl-2-propanol	59	3.210	3.198	0.012	95	40879	25.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Acrylonitrile	53	3.317	3.317	-0.001	86	19952	2.26	
30 Methyl tert-butyl ether	73	3.364	3.364	0.0	88	96005	1.06	
29 trans-1,2-Dichloroethene	96	3.364	3.364	0.0	57	35550	1.10	
31 Hexane	86	3.589	3.589	0.0	91	8948	1.19	
32 1,1-Dichloroethane	63	3.695	3.695	0.0	86	59625	1.13	
33 Vinyl acetate	86	3.731	3.731	0.0	96	5473	0.8411	
34 Isopropyl ether	87		3.754					
35 2-Chloro-1,3-butadiene	53		3.778					
37 Tert-butyl ethyl ether	59		4.050					
40 cis-1,2-Dichloroethene	96	4.168	4.169	-0.001	70	40570	1.07	
38 2-Butanone (MEK)	43	4.168	4.169	-0.001	98	108147	10.9	
39 2,2-Dichloropropane	77	4.168	4.169	-0.001	76	22747	1.05	
36 Propionitrile	54		4.204					
41 Ethyl acetate	43	4.168	4.216	-0.048	65	108147	4.82	
42 Methacrylonitrile	41		4.334					9
43 Chlorobromomethane	128	4.370	4.358	0.012	68	18033	0.9548	
44 Tetrahydrofuran	42	4.405	4.405	0.0	40	8538	1.30	
45 Chloroform	83	4.417	4.417	0.0	67	64563	1.08	
46 1,1,1-Trichloroethane	97	4.594	4.595	-0.001	79	36965	1.12	
47 Cyclohexane	56	4.654	4.654	0.0	86	39653	1.15	
48 1,1-Dichloropropene	75	4.725	4.725	0.0	90	50172	1.09	
49 Carbon tetrachloride	117	4.736	4.737	-0.001	84	32734	1.03	
50 Isobutyl alcohol	41		4.772					9
52 Benzene	78	4.902	4.902	0.0	94	153500	1.12	
51 1,2-Dichloroethane	62	4.902	4.902	0.0	47	49699	1.10	
53 Tert-amyl methyl ether	73		4.985					9
54 n-Heptane	100		5.115					
55 n-Butanol	56		5.328					
56 Trichloroethene	130	5.435	5.435	0.0	88	37098	0.9421	
57 Ethyl acrylate	55		5.494					
59 1,2-Dichloropropane	63	5.612	5.612	0.0	72	32484	1.08	
58 Methylcyclohexane	83	5.612	5.612	0.0	82	48380	1.18	
60 Methyl methacrylate	41		5.695					9
61 Dibromomethane	93	5.719	5.719	0.0	83	17942	1.00	
62 1,4-Dioxane	88	5.730	5.719	0.011	72	13685	66.4	
63 Dichlorobromomethane	83	5.837	5.837	0.0	90	42732	1.02	
64 2-Nitropropane	41		6.026					9
65 2-Chloroethyl vinyl ether	63	6.085	6.086	-0.001	81	38995	2.24	
66 cis-1,3-Dichloropropene	75	6.227	6.228	-0.001	72	48466	0.9605	
67 4-Methyl-2-pentanone (MIBK)	43	6.358	6.358	0.0	95	221058	11.1	
68 Toluene	91	6.535	6.535	0.0	84	157316	1.09	
69 trans-1,3-Dichloropropene	75	6.713	6.713	0.0	87	42218	1.02	
70 Ethyl methacrylate	69	6.784	6.784	0.0	79	37764	1.13	
71 1,1,2-Trichloroethane	97	6.878	6.878	0.0	86	25703	1.05	
72 Tetrachloroethene	164	7.032	7.032	0.0	75	25790	0.8800	
73 1,3-Dichloropropane	76	7.032	7.032	0.0	84	45866	1.09	
74 2-Hexanone	43	7.091	7.091	0.0	96	126522	11.2	
132 n-Butyl acetate	43		7.209					19
76 Chlorodibromomethane	129	7.245	7.245	0.0	68	24784	0.9192	
75 Tetrahydrothiophene	60		7.255					
77 Ethylene Dibromide	107	7.352	7.352	0.0	80	23271	1.02	
78 1-Chlorohexane	91		7.778					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorobenzene	112	7.813	7.813	0.0	91	78286	1.05	
80 1,1,1,2-Tetrachloroethane	131	7.884	7.884	0.0	70	27186	1.00	
81 Ethylbenzene	106	7.908	7.908	0.0	97	41751	1.02	
82 m-Xylene & p-Xylene	106	8.026	8.014	0.012	97	97303	2.05	
83 o-Xylene	106	8.393	8.393	0.0	90	43538	1.04	
84 Styrene	104	8.405	8.405	0.0	88	68572	1.03	
85 Bromoform	173	8.582	8.582	0.0	75	9348	0.7901	
86 Isopropylbenzene	105	8.748	8.748	0.0	91	96761	1.03	
87 Cyclohexanone	55		8.831					
88 1,1,2,2-Tetrachloroethane	83	9.008	9.020	-0.012	48	18645	1.38	
89 Bromobenzene	156	9.044	9.044	0.0	89	22748	1.12	
90 1,2,3-Trichloropropane	110	9.067	9.067	0.0	56	5556	1.15	
91 trans-1,4-Dichloro-2-butene	53	9.067	9.067	0.0	14	2310	0.9731	
92 N-Propylbenzene	120	9.150	9.150	0.0	91	22464	1.26	
93 2-Chlorotoluene	126	9.233	9.233	0.0	92	19487	1.21	
94 1,3,5-Trimethylbenzene	105	9.316	9.316	0.0	82	60553	1.19	
95 4-Chlorotoluene	126	9.339	9.340	-0.001	93	19472	1.17	
96 tert-Butylbenzene	119	9.635	9.635	0.0	78	55455	1.27	
97 1,2,4-Trimethylbenzene	105	9.683	9.683	0.0	67	63214	1.19	
98 sec-Butylbenzene	105	9.860	9.860	0.0	73	67700	1.17	
99 1,3-Dichlorobenzene	146	9.967	9.967	0.0	85	37765	1.11	
100 4-Isopropyltoluene	119	10.002	9.990	0.012	86	59214	1.16	
101 1,4-Dichlorobenzene	146	10.049	10.050	-0.001	74	40455	1.13	
102 1,2,3-Trimethylbenzene	105		10.108					9
133 Benzyl chloride	126		10.180					
103 n-Butylbenzene	91	10.404	10.405	-0.001	91	49440	1.15	
104 1,2-Dichlorobenzene	146	10.416	10.416	0.0	88	39430	1.17	
105 1,2-Dibromo-3-Chloropropane	157	11.185	11.186	-0.001	1	3546	1.29	
106 1,3,5-Trichlorobenzene	180	11.410	11.410	0.0	75	25757	1.14	
107 1,2,4-Trichlorobenzene	180	12.026	12.026	0.0	65	22981	0.7302	
108 Hexachlorobutadiene	225	12.203	12.203	0.0	53	11688	0.5839	
109 Naphthalene	128	12.274	12.274	0.0	87	76740	1.49	
110 1,2,3-Trichlorobenzene	180	12.523	12.523	-0.001	69	22301	1.62	
111 2-Methylnaphthalene	142		13.552					9
S 138 Trihalomethanes, Total	1				0		3.81	
S 112 1,2-Dichloroethene, Total	96				0		2.18	
S 113 1,3-Dichloropropene, Total	75				0		1.98	
S 114 Xylenes, Total	106				0		3.10	
T 139 Butyl Methacrylate TIC	1		8.925					1
T 137 Hexachloroethane TIC	1		10.774					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

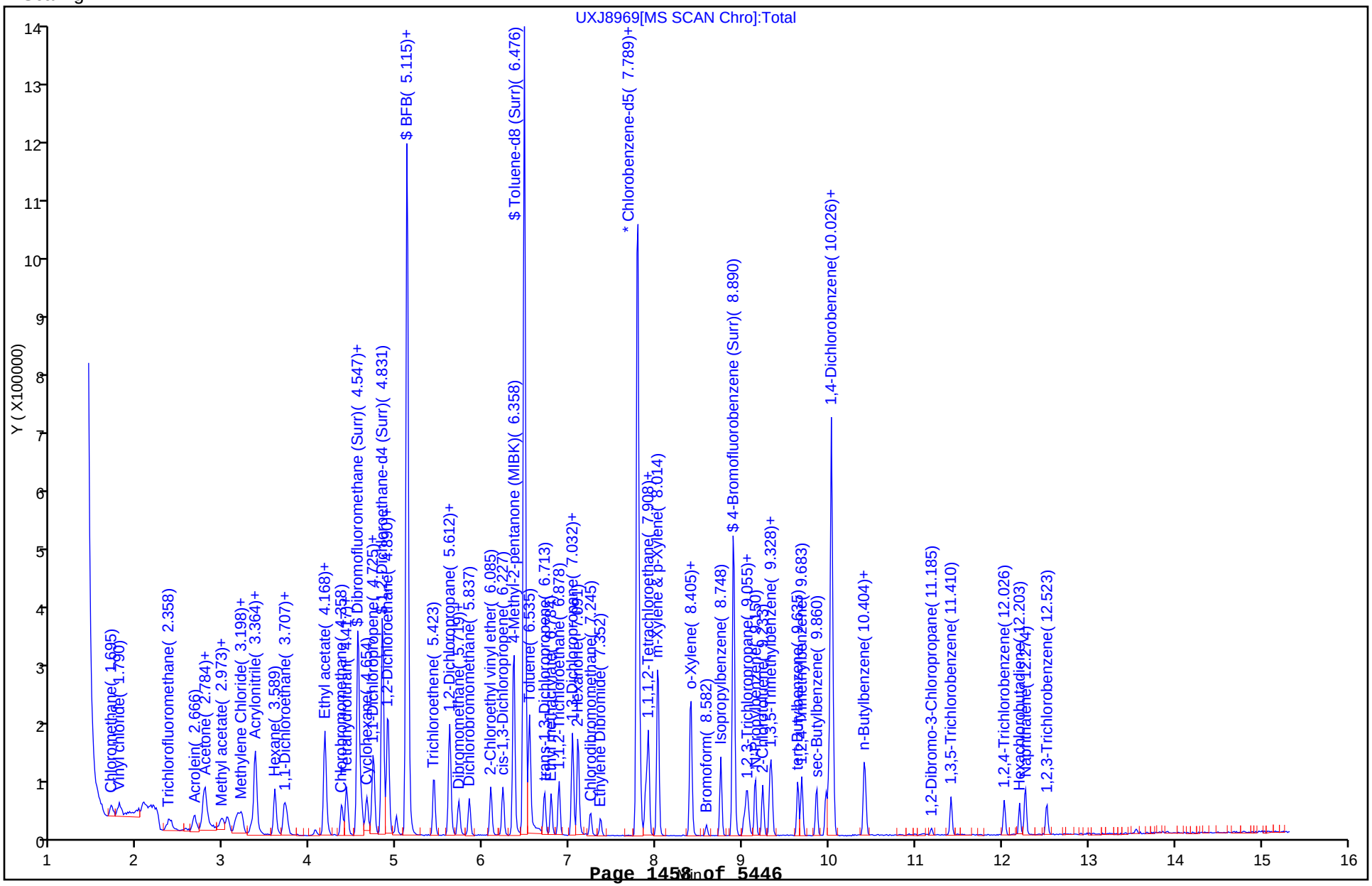
Report Date: 13-Dec-2012 08:28:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8969.D

Injection Date:	12-Dec-2012 12:52:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68395	Lims Sample ID:	4
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68395/22

Matrix: Water | Lab File ID: UXJ8988.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/12/2012 20:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68395 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.00959	J	0.010	0.00050	0.00057
67-64-1	Acetone	0.00772	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.00117		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.000805	J	0.0010	0.00050	0.00064
75-34-3	1,1-Dichloroethane	0.00118		0.0010	0.00025	0.00015
74-83-9	Bromomethane	0.00110		0.0010	0.00050	0.00041
107-06-2	1,2-Dichloroethane	0.00113		0.0010	0.00025	0.00022
75-15-0	Carbon disulfide	0.00102		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.000965	J	0.0010	0.00025	0.00013
75-35-4	1,1-Dichloroethene	0.000999	J	0.0010	0.00025	0.00019
108-90-7	Chlorobenzene	0.00104		0.0010	0.00025	0.00015
540-59-0	1,2-Dichloroethene, Total	0.00217		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00121		0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.00105		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00125		0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.0103		0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.00105		0.0010	0.00025	0.00014
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0104		0.010	0.00050	0.00032
124-48-1	Dibromochloromethane	0.000899	J	0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.00108		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00113		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00145	^	0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.00125		0.0010	0.00025	0.00018
100-42-5	Styrene	0.00109		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.000929	J	0.0010	0.00050	0.00029
108-88-3	Toluene	0.00116		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00113		0.0010	0.00025	0.00016
71-55-6	1,1,1-Trichloroethane	0.00105		0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.000992	J	0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.00119		0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.00107		0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00101		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00102		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00115		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00109		0.0010	0.00050	0.00029
1330-20-7	Xylenes, Total	0.00327		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-68395/22

Matrix: Water Lab File ID: UXJ8988.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/12/2012 20:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68395 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		50-150
2037-26-5	Toluene-d8 (Surr)	98		50-150
460-00-4	4-Bromofluorobenzene (Surr)	104		50-150
1868-53-7	Dibromofluoromethane (Surr)	91		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8988.D
Lims ID: MRL Client ID:
Inject. Date: 12-Dec-2012 20:04:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015761-022
Misc. Info.: J21212A,8260LLUX11,,43582
Operator: 43582 Instrument ID: A3UX11
Purge Vol: 5.000 mL ALS Bottle#: 23
Lims Batch ID: 68395 Lims Sample ID: 22
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\8260_11.m
Last Update: 13-Dec-2012 08:39:10 Calib Date: 11-Dec-2012 15:48:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX11\20121211-15710.b\UXJ8946.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: evansle Date: 13-Dec-2012 08:16:52

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.115	5.115	0.0	99	1190201	10.0	
* 2 Chlorobenzene-d5	117	7.789	7.789	0.0	83	700937	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.026	10.026	0.0	93	220640	10.0	
$ 134 BFB	95	5.115	4.196	0.919	0	131626	0	
$ 4 Dibromofluoromethane (Surr)	113	4.547	4.547	0.0	93	248415	7.63	
$ 5 1,2-Dichloroethane-d4 (Surr)	65	4.831	4.831	0.0	88	298678	7.91	
$ 6 Toluene-d8 (Surr)	98	6.476	6.476	0.0	84	980876	8.17	
$ 7 4-Bromofluorobenzene (Surr)	95	8.890	8.890	0.0	88	208550	8.69	
135 Chlorodifluoromethane TIC	1		0.000					
136 1,4-Dichlorobutane	1		0.000					
8 Dichlorodifluoromethane	85	1.542	1.542	0.0	69	21803	0.9198	
9 Chloromethane	50	1.695	1.696	-0.001	87	26348	1.25	
10 Vinyl chloride	62	1.790	1.790	0.0	52	25391	1.15	
11 Bromomethane	94	2.074	2.074	0.0	65	11380	1.10	
12 Chloroethane	64	2.157	2.157	0.0	54	13286	1.09	
13 Dichlorofluoromethane	67		2.299					
14 Trichlorofluoromethane	101	2.358	2.358	0.0	54	22525	0.8920	
15 Ethyl ether	59		2.559					
16 Acrolein	56	2.654	2.654	0.0	88	35140	10.7	
17 Acetone	43	2.772	2.772	0.0	97	66829	7.72	
19 1,1-Dichloroethene	96	2.784	2.784	0.0	55	21088	1.00	
18 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.772	2.784	-0.012	1	9845	0.6649	
20 Methylal	45		2.856					9
21 Iodomethane	142	2.902	2.914	-0.012	75	20343	0.8164	
23 Carbon disulfide	76	2.962	2.973	-0.011	93	53125	1.02	
24 Acetonitrile	41	2.997	2.997	0.0	93	22250	10.6	
22 3-Chloro-1-propene	76		3.044					9
25 Methyl acetate	43	3.044	3.044	0.0	87	49981	2.65	
26 Methylene Chloride	84	3.163	3.163	0.0	80	34002	1.45	
27 2-Methyl-2-propanol	59	3.198	3.198	0.0	90	30694	19.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Acrylonitrile	53	3.317	3.317	-0.001	82	17387	1.96	
30 Methyl tert-butyl ether	73	3.364	3.364	0.0	90	103083	1.13	
29 trans-1,2-Dichloroethene	96	3.364	3.364	0.0	54	33876	1.05	
31 Hexane	86	3.589	3.589	0.0	86	5583	0.7426	
32 1,1-Dichloroethane	63	3.695	3.695	0.0	83	62113	1.18	
33 Vinyl acetate	86	3.731	3.731	0.0	95	5271	0.8077	
34 Isopropyl ether	87		3.754					
35 2-Chloro-1,3-butadiene	53		3.778					
37 Tert-butyl ethyl ether	59		4.050					
40 cis-1,2-Dichloroethene	96	4.168	4.169	-0.001	62	42508	1.12	
38 2-Butanone (MEK)	43	4.168	4.169	-0.001	95	95675	9.59	
39 2,2-Dichloropropane	77	4.180	4.169	0.011	60	22716	1.05	
36 Propionitrile	54		4.204					
41 Ethyl acetate	43	4.168	4.216	-0.048	55	95675	4.25	
42 Methacrylonitrile	41		4.334					9
43 Chlorobromomethane	128	4.370	4.358	0.012	65	18794	0.99	
44 Tetrahydrofuran	42	4.417	4.405	0.012	54	8847	1.34	
45 Chloroform	83	4.417	4.417	0.0	78	67364	1.13	
46 1,1,1-Trichloroethane	97	4.594	4.595	-0.001	79	35002	1.05	
47 Cyclohexane	56	4.654	4.654	0.0	79	31594	0.9113	
48 1,1-Dichloropropene	75	4.725	4.725	0.0	83	49296	1.06	
49 Carbon tetrachloride	117	4.736	4.737	-0.001	69	30915	0.9654	
50 Isobutyl alcohol	41		4.772					9
52 Benzene	78	4.902	4.902	0.0	94	161160	1.17	
51 1,2-Dichloroethane	62	4.902	4.902	0.0	49	51476	1.13	
53 Tert-amyl methyl ether	73		4.985					9
54 n-Heptane	100		5.115					
55 n-Butanol	56		5.328					
56 Trichloroethene	130	5.435	5.435	0.0	89	40226	1.02	
57 Ethyl acrylate	55		5.494					
59 1,2-Dichloropropane	63	5.612	5.612	0.0	79	36490	1.21	
58 Methylcyclohexane	83	5.612	5.612	0.0	76	36209	0.8787	
60 Methyl methacrylate	41		5.695					9
61 Dibromomethane	93	5.719	5.719	0.0	79	18472	1.03	
62 1,4-Dioxane	88	5.730	5.719	0.011	8	4142	20.1	
63 Dichlorobromomethane	83	5.837	5.837	0.0	84	43904	1.05	
64 2-Nitropropane	41		6.026					9
65 2-Chloroethyl vinyl ether	63	6.085	6.086	-0.001	87	32078	1.84	
66 cis-1,3-Dichloropropene	75	6.227	6.228	-0.001	73	52994	1.05	
67 4-Methyl-2-pentanone (MIBK)	43	6.358	6.358	0.0	96	207889	10.4	
68 Toluene	91	6.535	6.535	0.0	83	166085	1.16	
69 trans-1,3-Dichloropropene	75	6.713	6.713	0.0	83	41781	1.01	
70 Ethyl methacrylate	69	6.784	6.784	0.0	80	36875	1.11	
71 1,1,2-Trichloroethane	97	6.878	6.878	0.0	77	29115	1.19	
72 Tetrachloroethene	164	7.032	7.032	0.0	69	27217	0.9291	
73 1,3-Dichloropropane	76	7.032	7.032	0.0	83	50365	1.20	
74 2-Hexanone	43	7.091	7.091	0.0	90	116405	10.3	
132 n-Butyl acetate	43		7.209					19
76 Chlorodibromomethane	129	7.245	7.245	0.0	65	24220	0.8986	
75 Tetrahydrothiophene	60		7.255					
77 Ethylene Dibromide	107	7.352	7.352	0.0	75	24408	1.07	
78 1-Chlorohexane	91		7.778					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorobenzene	112	7.813	7.813	0.0	89	78013	1.04	
80 1,1,1,2-Tetrachloroethane	131	7.884	7.884	0.0	76	26623	0.9830	
81 Ethylbenzene	106	7.908	7.908	0.0	97	44022	1.08	
82 m-Xylene & p-Xylene	106	8.014	8.014	0.0	97	99698	2.11	
83 o-Xylene	106	8.393	8.393	0.0	88	48248	1.16	
84 Styrene	104	8.405	8.405	0.0	88	72925	1.09	
85 Bromoform	173	8.582	8.582	0.0	68	9525	0.8053	
86 Isopropylbenzene	105	8.748	8.748	0.0	91	95578	1.02	
87 Cyclohexanone	55		8.831					
88 1,1,2,2-Tetrachloroethane	83	9.020	9.020	0.0	44	16816	1.25	
89 Bromobenzene	156	9.044	9.044	0.0	85	24619	1.22	
90 1,2,3-Trichloropropane	110	9.067	9.067	0.0	56	5622	1.17	
91 trans-1,4-Dichloro-2-butene	53	9.067	9.067	0.0	22	2430	1.03	
92 N-Propylbenzene	120	9.150	9.150	0.0	88	20169	1.13	
93 2-Chlorotoluene	126	9.233	9.233	0.0	88	19137	1.20	
94 1,3,5-Trimethylbenzene	105	9.316	9.316	0.0	88	59375	1.17	
95 4-Chlorotoluene	126	9.339	9.340	-0.001	86	19041	1.15	
96 tert-Butylbenzene	119	9.635	9.635	0.0	72	57170	1.31	
97 1,2,4-Trimethylbenzene	105	9.683	9.683	0.0	65	59644	1.13	
98 sec-Butylbenzene	105	9.860	9.860	0.0	65	60711	1.06	
99 1,3-Dichlorobenzene	146	9.967	9.967	0.0	83	35509	1.05	
100 4-Isopropyltoluene	119	10.002	9.990	0.012	83	52673	1.04	
101 1,4-Dichlorobenzene	146	10.049	10.050	-0.001	76	38258	1.07	
102 1,2,3-Trimethylbenzene	105		10.108					
133 Benzyl chloride	126		10.180					
103 n-Butylbenzene	91	10.404	10.405	-0.001	91	44125	1.03	
104 1,2-Dichlorobenzene	146	10.416	10.416	0.0	85	35993	1.07	
105 1,2-Dibromo-3-Chloropropane	157	11.185	11.186	-0.001	1	1976	0.7234	
106 1,3,5-Trichlorobenzene	180	11.410	11.410	0.0	63	17957	0.7976	
107 1,2,4-Trichlorobenzene	180	12.026	12.026	0.0	26	12639	0.1269	
108 Hexachlorobutadiene	225		12.203					
109 Naphthalene	128	12.274	12.274	0.0	56	23822	0.1532	
110 1,2,3-Trichlorobenzene	180	12.523	12.523	-0.001	32	6474	0.4722	
111 2-Methylnaphthalene	142		13.552					
S 138 Trihalomethanes, Total	1				0		3.88	
S 112 1,2-Dichloroethene, Total	96				0		2.17	
S 113 1,3-Dichloropropene, Total	75				0		2.06	
S 114 Xylenes, Total	106				0		3.26	
T 139 Butyl Methacrylate TIC	1		8.925					1
T 137 Hexachloroethane TIC	1		10.774					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

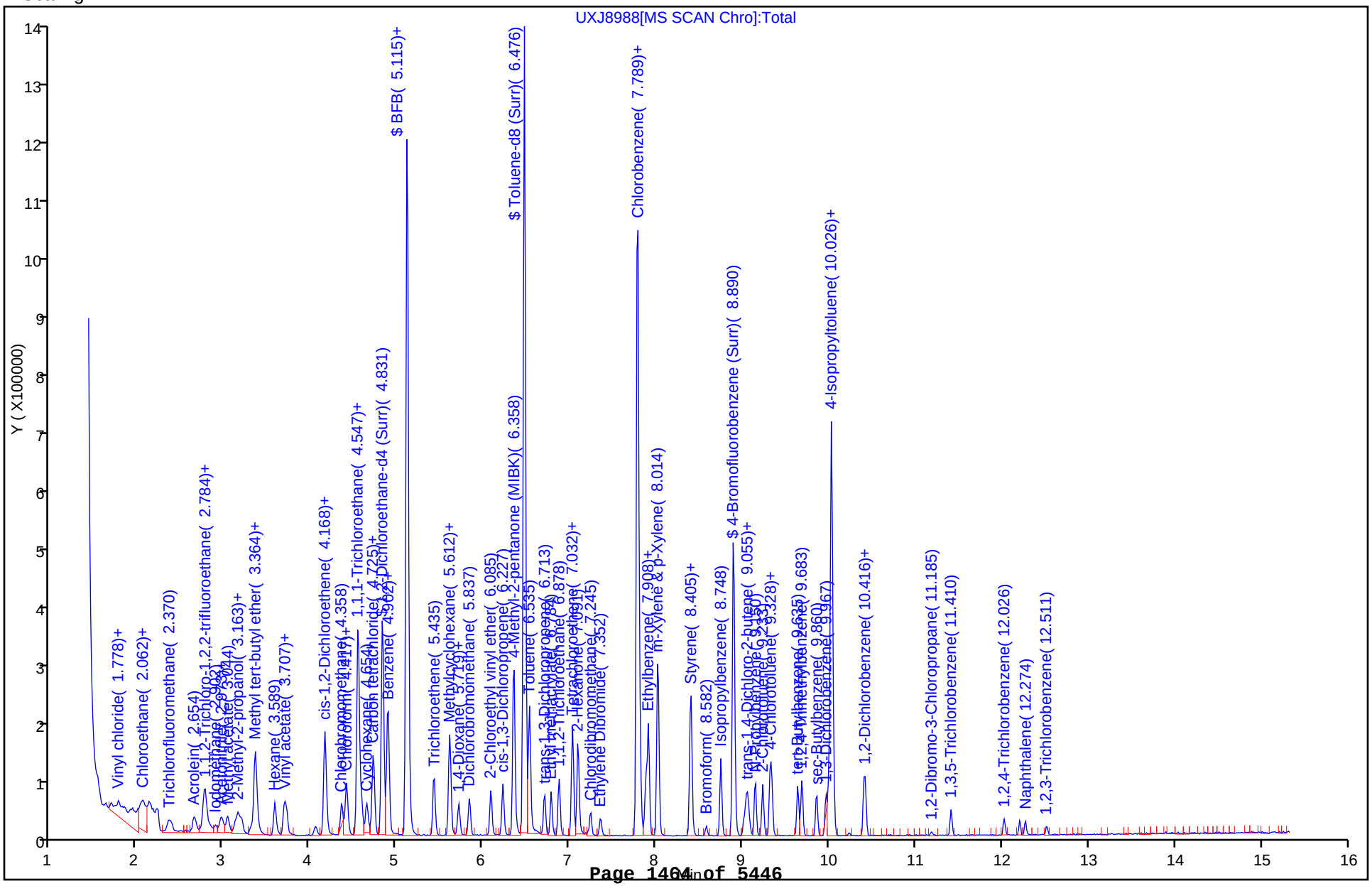
Report Date: 13-Dec-2012 09:31:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX11\20121212-15761.b\UXJ8988.D

Injection Date:	12-Dec-2012 20:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX11
Lims Batch ID:	68395	Lims Sample ID:	22
Operator ID:	43582	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-68663/5

Matrix: Solid Lab File ID: UX82426.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/13/2012 23:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68663 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.00584		0.0010	0.00025	0.00013
100-41-4	Ethylbenzene	0.00567		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00512		0.0010	0.00025	0.00017
108-88-3	Toluene	0.00577		0.0010	0.00025	0.00013
1330-20-7	Xylenes, Total	0.0167		0.0020	0.00075	0.00028

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		50-150
2037-26-5	Toluene-d8 (Surr)	108		50-150
460-00-4	4-Bromofluorobenzene (Surr)	109		50-150
1868-53-7	Dibromofluoromethane (Surr)	111		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82426.D
Lims ID: MRL Client ID:
Inject. Date: 13-Dec-2012 23:53:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015834-005
Misc. Info.: M21213A,8260SUX8,,402279 =M21213A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 68663 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\8260_8.m
Last Update: 18-Dec-2012 01:32:10 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 14-Dec-2012 00:27:50

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.146	5.155	-0.009	99	1659360	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.686	-0.009	97	1172373	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.874	0.003	99	595154	50.0	
$ 4 BFB	95	3.525	3.741	-0.216	0	1939	0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.625	0.001	59	486527	55.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.885	0.001	92	599151	51.8	
$ 7 Toluene-d8 (Surr)	98	6.423	6.423	0.0	95	1726248	53.9	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.753	0.001	92	597081	54.4	
138 Butyl Methacrylate TIC	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
135 1,4-Dichlorobutane	1		0.000					
12 Dichlorodifluoromethane	85	1.574	1.573	0.001	91	30261	5.56	
13 Chloromethane	50	1.751	1.750	0.001	100	58189	5.58	
14 Vinyl chloride	62	1.869	1.869	0.0	86	36186	5.94	
15 Bromomethane	94	2.189	2.176	0.013	79	20580	6.64	
16 Chloroethane	64	2.272	2.271	0.001	80	22779	6.42	
17 Dichlorofluoromethane	67		2.446					
18 Trichlorofluoromethane	101	2.508	2.508	0.0	88	51232	7.15	
19 Ethyl ether	59	2.733	2.742	-0.009	57	2242	0.2737	
20 Acrolein	56	2.839	2.839	0.0	92	75510	41.1	
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96	2.922	2.922	0.0	92	29724	5.45	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.946	2.945	0.001	85	26440	5.54	
22 Acetone	43	2.958	2.957	0.001	91	55146	4.52	
24 Iodomethane	142	3.052	3.052	0.0	98	59780	5.47	
26 Carbon disulfide	76	3.112	3.111	0.001	96	71523	4.48	
27 Acetonitrile	41	3.171	3.170	0.001	98	81985	46.3	
29 3-Chloro-1-propene	76		3.215					9
28 Methyl acetate	43	3.218	3.217	0.001	97	106106	9.73	
30 Methylene Chloride	84	3.301	3.300	0.001	91	82234	8.51	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 2-Methyl-2-propanol	59	3.372	3.371	0.001	86	70807	88.0	
32 Acrylonitrile	53	3.478	3.477	0.001	95	40129	8.71	
34 Methyl tert-butyl ether	73	3.514	3.513	0.001	83	96413	5.12	
33 trans-1,2-Dichloroethene	96	3.514	3.513	0.001	69	36178	5.71	
35 Hexane	86	3.727	3.726	0.001	92	8859	4.71	
36 1,1-Dichloroethane	63	3.833	3.832	0.001	92	68369	5.43	
37 Vinyl acetate	86	3.857	3.856	0.001	97	5629	4.07	
38 Isopropyl ether	87		3.877					9
39 2-Chloro-1,3-butadiene	53		3.913					
40 Tert-butyl ethyl ether	59		4.149					9
41 2-Butanone (MEK)	43	4.271	4.270	0.001	76	60513	8.95	
42 cis-1,2-Dichloroethene	96	4.271	4.270	0.001	86	44037	5.97	
43 2,2-Dichloropropane	77	4.283	4.282	0.001	56	28919	5.67	
45 Ethyl acetate	43		4.303					9
44 Propionitrile	54		4.303					
46 Methacrylonitrile	41		4.433					9
47 Chlorobromomethane	128	4.448	4.447	0.001	84	25082	5.94	
48 Tetrahydrofuran	42	4.495	4.495	0.0	84	18216	4.32	
49 Chloroform	83	4.507	4.507	0.0	91	69571	5.90	
50 1,1,1-Trichloroethane	97	4.661	4.660	0.001	88	49274	5.29	
51 Cyclohexane	56	4.720	4.719	0.001	96	70817	4.64	
52 1,1-Dichloropropene	75	4.791	4.790	0.001	77	45439	5.48	
53 Carbon tetrachloride	117	4.803	4.802	0.001	85	43189	4.91	
54 Isobutyl alcohol	41		4.812					9
56 1,2-Dichloroethane	62	4.945	4.944	0.001	59	66059	5.45	
55 Benzene	78	4.945	4.944	0.001	93	145003	5.84	
57 Tert-amyl methyl ether	73		5.013					9
58 n-Heptane	100		5.131					
59 n-Butanol	56	5.323	5.320	0.003	57	4777	18.8	
60 Trichloroethene	130	5.442	5.441	0.001	86	44059	5.78	
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83	5.607	5.607	0.0	90	61040	5.33	
62 1,2-Dichloropropane	63	5.619	5.618	0.001	76	41184	5.78	
64 Methyl methacrylate	41		5.675					9
65 Dibromomethane	93	5.714	5.713	0.001	83	22616	5.56	
66 1,4-Dioxane	88	5.714	5.713	0.001	59	17229	222.3	
67 Dichlorobromomethane	83	5.820	5.820	0.0	87	42141	5.29	
68 2-Nitropropane	41		5.995					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.187	6.186	0.001	63	40084	4.37	
71 4-Methyl-2-pentanone (MIBK)	43	6.293	6.304	-0.011	94	84691	6.98	
72 Toluene	91	6.483	6.482	0.001	94	163134	5.77	
73 trans-1,3-Dichloropropene	75	6.636	6.636	0.0	82	35994	5.56	
74 Ethyl methacrylate	69	6.707	6.707	0.0	85	35017	4.17	
75 1,1,2-Trichloroethane	97	6.802	6.801	0.001	91	32455	5.54	
76 1,3-Dichloropropane	76	6.956	6.955	0.001	85	52767	5.37	
77 Tetrachloroethene	164	6.956	6.955	0.001	78	32977	5.62	
78 2-Hexanone	43	7.003	7.002	0.001	88	58607	6.98	
132 n-Butyl acetate	43	7.110	7.107	0.003	92	29340	0	
79 Chlorodibromomethane	129	7.157	7.156	0.001	78	30548	5.49	
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107	7.275	7.274	0.001	83	31315	5.10	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1-Chlorohexane	91		7.663					9
82 Chlorobenzene	112	7.713	7.712	0.001	92	114325	5.81	
83 1,1,1,2-Tetrachloroethane	131	7.772	7.771	0.001	80	33317	5.23	
84 Ethylbenzene	106	7.796	7.795	0.001	97	54784	5.67	
10 m-Xylene & p-Xylene	106	7.902	7.901	0.001	98	131302	11.2	
85 o-Xylene	106	8.269	8.268	0.001	90	60404	5.46	
86 Styrene	104	8.281	8.280	0.001	88	97611	5.18	
87 Bromoform	173	8.458	8.457	0.001	77	16187	5.33	
88 Isopropylbenzene	105	8.612	8.611	0.001	94	151603	5.27	
89 Cyclohexanone	55	8.695	8.703	-0.008	81	34131	16.0	
90 1,1,2,2-Tetrachloroethane	83	8.872	8.871	0.001	74	37878	5.50	
91 Bromobenzene	156	8.907	8.907	0.0	86	48785	5.59	
92 1,2,3-Trichloropropane	110	8.931	8.930	0.001	73	14247	5.47	
93 trans-1,4-Dichloro-2-butene	53	8.931	8.930	0.001	60	13122	4.26	
94 N-Propylbenzene	120	9.002	9.001	0.001	97	44081	5.13	
95 2-Chlorotoluene	126	9.097	9.096	0.001	97	40977	5.46	
96 1,3,5-Trimethylbenzene	105	9.168	9.167	0.001	90	124467	5.17	
104 4-Chlorotoluene	126	9.191	9.191	0.0	95	42877	5.52	
97 tert-Butylbenzene	119	9.487	9.486	0.001	89	108225	4.77	
98 1,2,4-Trimethylbenzene	105	9.534	9.534	0.0	92	124562	5.32	
99 sec-Butylbenzene	105	9.700	9.699	0.001	90	158826	5.36	
100 1,3-Dichlorobenzene	146	9.806	9.818	-0.012	93	87160	5.57	
101 4-Isopropyltoluene	119	9.842	9.841	0.001	78	129262	4.89	
102 1,4-Dichlorobenzene	146	9.901	9.900	0.001	88	87301	5.32	
103 1,2,3-Trimethylbenzene	105		9.945					9
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91	10.244	10.232	0.012	89	98158	4.75	
106 1,2-Dichlorobenzene	146	10.268	10.267	0.001	94	79282	5.34	
107 1,2-Dibromo-3-Chloropropane	157	11.025	11.024	0.001	10	5532	5.38	
108 1,3,5-Trichlorobenzene	180	11.250	11.249	0.001	94	46850	4.97	
109 1,2,4-Trichlorobenzene	180	11.853	11.852	0.001	84	40498	4.98	
110 Hexachlorobutadiene	225	12.030	12.029	0.001	69	19375	4.54	
111 Naphthalene	128	12.101	12.100	0.001	84	75989	4.82	
112 1,2,3-Trichlorobenzene	180	12.361	12.361	0.0	85	36700	5.27	
113 2-Methylnaphthalene	142	13.426	13.423	0.003	50	23373	2.44	
S 136 Trihalomethanes, Total	1				0		22.0	
S 11 1,2-Dichloroethene, Total	96				0		11.7	
S 9 1,3-Dichloropropene, Total	75				0		9.93	
S 114 Xylenes, Total	106				0		16.7	
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

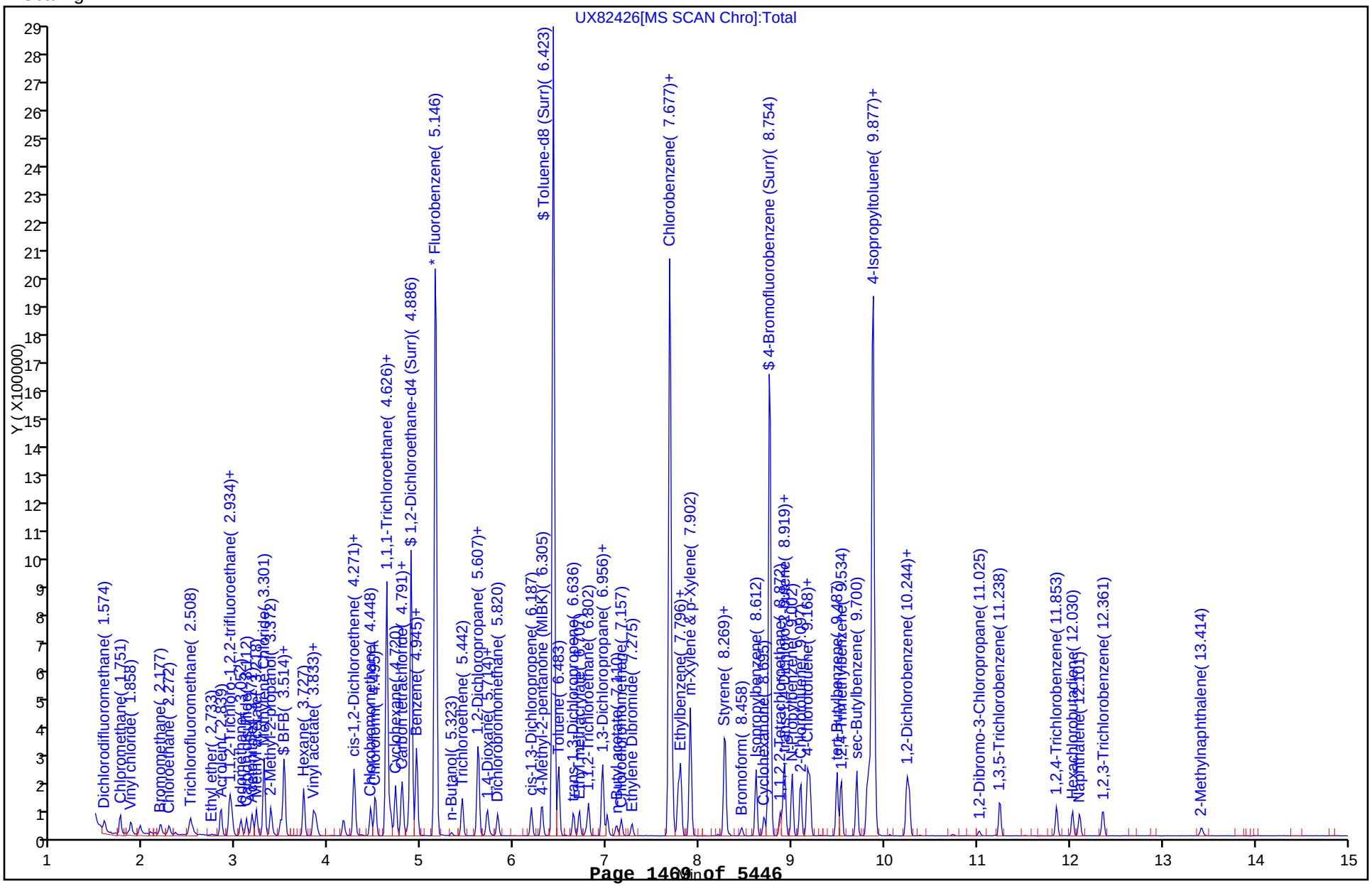
Report Date: 18-Dec-2012 01:32:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82426.D

Injection Date:	13-Dec-2012 23:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68663	Lims Sample ID:	5
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-68663/32

Matrix: Solid Lab File ID: UX82453.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/14/2012 10:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68663 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.00503		0.0010	0.00025	0.00013
100-41-4	Ethylbenzene	0.00447		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00488		0.0010	0.00025	0.00017
108-88-3	Toluene	0.00471		0.0010	0.00025	0.00013
1330-20-7	Xylenes, Total	0.0138		0.0020	0.00075	0.00028

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		50-150
2037-26-5	Toluene-d8 (Surr)	78	Q	50-150
460-00-4	4-Bromofluorobenzene (Surr)	82	Q	50-150
1868-53-7	Dibromofluoromethane (Surr)	84		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82453.D
Lims ID: MRL Client ID:
Inject. Date: 14-Dec-2012 10:01:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015834-032
Misc. Info.: M21213A,8260SUX8,,402279 =M21213A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 31
Lims Batch ID: 68663 Lims Sample ID: 32
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\8260_8.m
Last Update: 18-Dec-2012 01:32:10 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 14-Dec-2012 23:10:36

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.157	5.155	0.002	100	1820681	50.0	
* 2 Chlorobenzene-d5	117	7.676	7.686	-0.010	98	1313849	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.874	0.002	99	683014	50.0	
$ 4 BFB	95	3.513	3.741	-0.228	0	1433	0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.625	0.0	59	429917	41.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.885	4.885	0.0	93	534388	39.3	
$ 7 Toluene-d8 (Surr)	98	6.423	6.423	0.0	95	1511431	38.9	
$ 131 4-Bromofluorobenzene (Surr)	95	8.753	8.753	0.0	91	543291	41.2	
138 Butyl Methacrylate TIC	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
135 1,4-Dichlorobutane	1		0.000					
12 Dichlorodifluoromethane	85	1.573	1.573	0.0	90	26359	4.41	
13 Chloromethane	50	1.750	1.750	0.0	99	51407	4.49	
14 Vinyl chloride	62	1.869	1.869	0.0	83	32884	4.92	
15 Bromomethane	94	2.188	2.176	0.012	83	18824	5.30	
16 Chloroethane	64	2.283	2.271	0.012	75	20260	5.28	
17 Dichlorofluoromethane	67		2.446					
18 Trichlorofluoromethane	101	2.507	2.508	-0.001	83	36889	4.69	
19 Ethyl ether	59		2.742					9
20 Acrolein	56	2.839	2.839	0.0	90	78336	38.9	
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96	2.933	2.922	0.011	93	26416	4.42	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.945	2.945	0.0	80	23981	4.58	
22 Acetone	43	2.957	2.957	0.0	94	59206	4.20	
24 Iodomethane	142	3.051	3.052	-0.001	97	55915	4.66	
26 Carbon disulfide	76	3.111	3.111	0.0	94	63046	3.60	
27 Acetonitrile	41	3.170	3.170	0.0	99	93444	48.1	
29 3-Chloro-1-propene	76		3.215					
28 Methyl acetate	43	3.217	3.217	0.0	97	118285	9.88	
30 Methylene Chloride	84	3.300	3.300	0.0	91	74761	6.50	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 2-Methyl-2-propanol	59	3.371	3.371	0.0	86	73122	82.8	
32 Acrylonitrile	53	3.477	3.477	0.0	95	47311	9.35	
34 Methyl tert-butyl ether	73	3.513	3.513	0.0	83	100716	4.88	
33 trans-1,2-Dichloroethene	96	3.525	3.513	0.012	63	33217	4.78	
35 Hexane	86	3.726	3.726	0.0	88	8246	3.99	
36 1,1-Dichloroethane	63	3.832	3.832	0.0	78	67379	4.88	
37 Vinyl acetate	86	3.856	3.856	0.0	95	5826	3.84	
38 Isopropyl ether	87		3.877					9
39 2-Chloro-1,3-butadiene	53		3.913					
40 Tert-butyl ethyl ether	59		4.149					9
41 2-Butanone (MEK)	43	4.270	4.270	0.0	90	65290	8.80	
42 cis-1,2-Dichloroethene	96	4.270	4.270	0.0	86	41190	5.09	
43 2,2-Dichloropropane	77	4.282	4.282	0.0	59	23245	4.15	
45 Ethyl acetate	43		4.303					9
44 Propionitrile	54		4.303					
46 Methacrylonitrile	41		4.433					9
47 Chlorobromomethane	128	4.447	4.447	0.0	86	22413	4.84	
48 Tetrahydrofuran	42	4.495	4.495	-0.001	84	20089	4.34	
49 Chloroform	83	4.506	4.507	-0.001	96	64151	4.96	
50 1,1,1-Trichloroethane	97	4.672	4.660	0.012	82	44313	4.34	
51 Cyclohexane	56	4.719	4.719	0.0	95	65256	3.90	
52 1,1-Dichloropropene	75	4.790	4.790	0.0	79	41677	4.58	
53 Carbon tetrachloride	117	4.802	4.802	0.0	82	37906	3.93	
54 Isobutyl alcohol	41		4.812					9
56 1,2-Dichloroethane	62	4.944	4.944	0.0	55	66662	5.01	
55 Benzene	78	4.944	4.944	0.0	93	137090	5.03	
57 Tert-amyl methyl ether	73		5.013					9
58 n-Heptane	100		5.131					
59 n-Butanol	56		5.320					
60 Trichloroethene	130	5.441	5.441	0.0	85	39749	4.76	
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83	5.606	5.607	-0.001	87	50543	4.02	
62 1,2-Dichloropropane	63	5.618	5.618	0.0	78	38017	4.86	
64 Methyl methacrylate	41		5.675					
65 Dibromomethane	93	5.713	5.713	0.0	77	22333	5.00	
66 1,4-Dioxane	88	5.713	5.713	0.0	57	17063	200.7	
67 Dichlorobromomethane	83	5.819	5.820	-0.001	88	38838	4.45	
68 2-Nitropropane	41		5.995					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.186	6.186	0.0	64	36268	3.60	
71 4-Methyl-2-pentanone (MIBK)	43	6.304	6.304	0.0	94	107824	8.10	
72 Toluene	91	6.482	6.482	0.0	93	149189	4.71	
73 trans-1,3-Dichloropropene	75	6.635	6.636	-0.001	78	32383	4.77	
74 Ethyl methacrylate	69	6.706	6.707	-0.001	81	34876	3.70	
75 1,1,2-Trichloroethane	97	6.801	6.801	0.0	92	30953	4.71	
76 1,3-Dichloropropane	76	6.955	6.955	0.0	85	50459	4.58	
77 Tetrachloroethene	164	6.955	6.955	0.0	72	28570	4.34	
78 2-Hexanone	43	7.002	7.002	0.0	94	71871	7.63	
132 n-Butyl acetate	43		7.107					19
79 Chlorodibromomethane	129	7.156	7.156	0.0	74	28445	4.79	
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107	7.274	7.274	0.0	82	30100	4.37	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1-Chlorohexane	91		7.663					9
82 Chlorobenzene	112	7.712	7.712	0.0	92	105042	4.76	
83 1,1,1,2-Tetrachloroethane	131	7.771	7.771	0.0	79	30761	4.31	
84 Ethylbenzene	106	7.795	7.795	0.0	97	48415	4.47	
10 m-Xylene & p-Xylene	106	7.901	7.901	0.0	97	118893	9.06	
85 o-Xylene	106	8.268	8.268	0.0	88	58538	4.72	
86 Styrene	104	8.280	8.280	0.0	84	86545	4.10	
87 Bromoform	173	8.457	8.457	0.0	75	15114	4.66	
88 Isopropylbenzene	105	8.611	8.611	0.0	94	144912	4.49	
89 Cyclohexanone	55		8.703					9
90 1,1,2,2-Tetrachloroethane	83	8.871	8.871	0.0	84	37429	4.73	
91 Bromobenzene	156	8.918	8.907	0.011	85	44856	4.48	
92 1,2,3-Trichloropropane	110	8.930	8.930	0.0	69	14665	4.91	
93 trans-1,4-Dichloro-2-butene	53	8.930	8.930	0.0	60	14846	4.20	
94 N-Propylbenzene	120	9.001	9.001	0.0	95	38679	3.92	
95 2-Chlorotoluene	126	9.096	9.096	0.0	95	37973	4.41	
96 1,3,5-Trimethylbenzene	105	9.167	9.167	0.0	83	113634	4.11	
104 4-Chlorotoluene	126	9.190	9.191	-0.001	94	41000	4.60	
97 tert-Butylbenzene	119	9.486	9.486	0.0	83	108530	4.16	
98 1,2,4-Trimethylbenzene	105	9.533	9.534	-0.001	81	114876	4.27	
99 sec-Butylbenzene	105	9.699	9.699	0.0	88	140917	4.14	
100 1,3-Dichlorobenzene	146	9.817	9.818	-0.001	86	74791	4.17	
101 4-Isopropyltoluene	119	9.841	9.841	0.0	89	114121	3.76	
102 1,4-Dichlorobenzene	146	9.900	9.900	0.0	83	81653	4.34	
103 1,2,3-Trimethylbenzene	105		9.945					
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91	10.243	10.232	0.011	89	84807	3.58	
106 1,2-Dichlorobenzene	146	10.267	10.267	0.0	94	76620	4.49	
107 1,2-Dibromo-3-Chloropropane	157	11.024	11.024	0.0	19	5462	4.64	
108 1,3,5-Trichlorobenzene	180	11.249	11.249	0.0	89	43096	3.98	
109 1,2,4-Trichlorobenzene	180	11.864	11.852	0.012	87	37330	3.85	
110 Hexachlorobutadiene	225	12.029	12.029	0.0	76	19519	3.53	
111 Naphthalene	128	12.100	12.100	0.0	87	91764	5.04	
112 1,2,3-Trichlorobenzene	180	12.360	12.361	-0.001	87	37870	4.57	
113 2-Methylnaphthalene	142		13.423					
S 136 Trihalomethanes, Total	1				0		18.9	
S 11 1,2-Dichloroethene, Total	96				0		9.87	
S 9 1,3-Dichloropropene, Total	75				0		8.37	
S 114 Xylenes, Total	106				0		13.8	
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

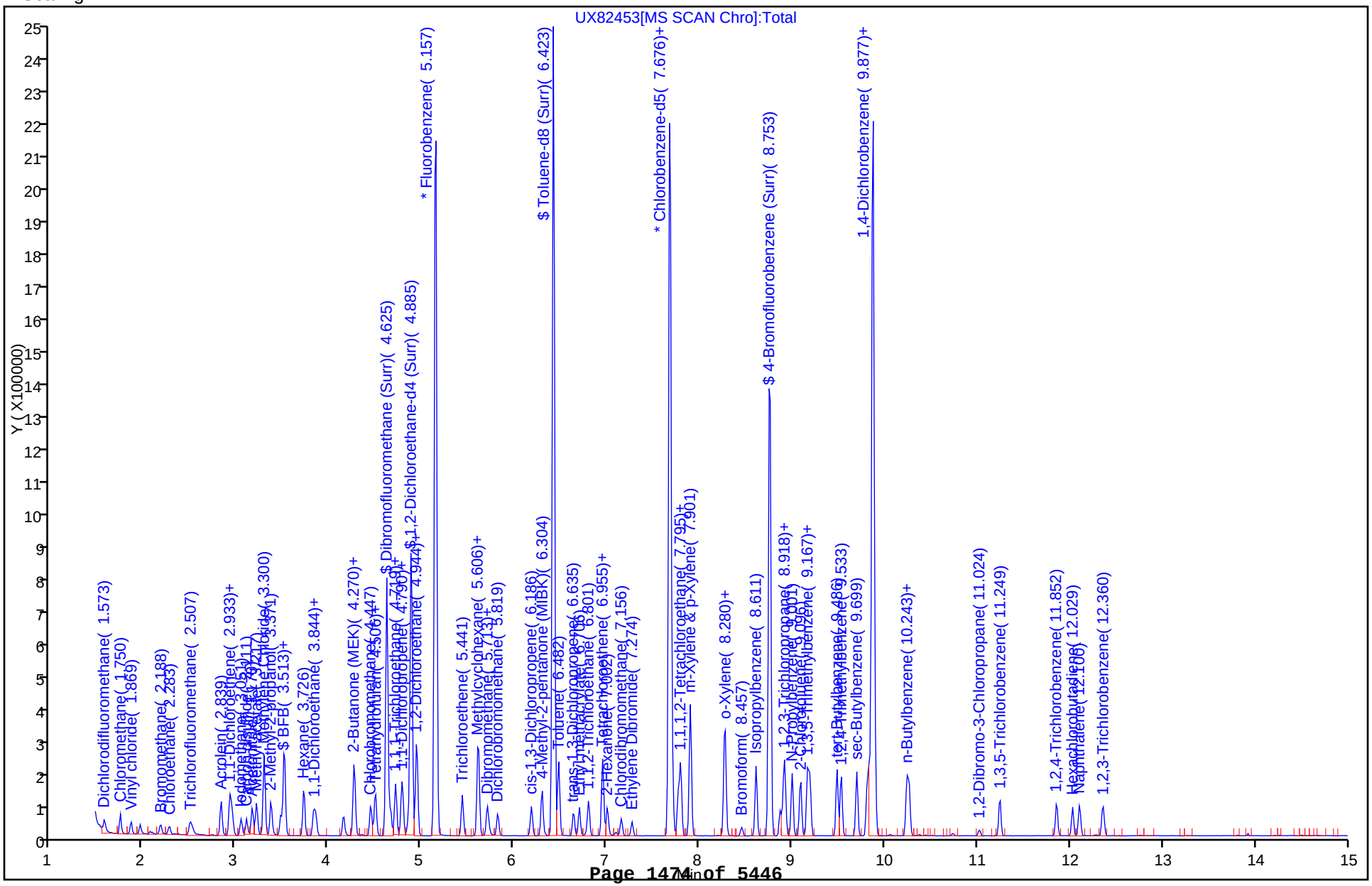
Report Date: 18-Dec-2012 01:32:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82453.D

Injection Date:	14-Dec-2012 10:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68663	Lims Sample ID:	32
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68830/14

Matrix: Solid | Lab File ID: UX82467.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/15/2012 01:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.0103		0.010	0.00050	0.00057
67-64-1	Acetone	0.00826	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.00501		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00406		0.0010	0.00050	0.00064
75-34-3	1,1-Dichloroethane	0.00492		0.0010	0.00025	0.00015
74-83-9	Bromomethane	0.00484		0.0010	0.00050	0.00041
107-06-2	1,2-Dichloroethane	0.00515		0.0010	0.00025	0.00022
75-15-0	Carbon disulfide	0.00457		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00471		0.0010	0.00025	0.00013
75-35-4	1,1-Dichloroethene	0.00492		0.0010	0.00025	0.00019
108-90-7	Chlorobenzene	0.00483		0.0010	0.00025	0.00015
540-59-0	1,2-Dichloroethene, Total	0.00986		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00515		0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.00463		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00503		0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.0119		0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.00413		0.0010	0.00025	0.00014
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0107		0.010	0.00050	0.00032
124-48-1	Dibromochloromethane	0.00387		0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.00475		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00480		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00685	^	0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.00488		0.0010	0.00025	0.00018
100-42-5	Styrene	0.00463		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00458		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00481		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00493		0.0010	0.00025	0.00016
71-55-6	1,1,1-Trichloroethane	0.00467		0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.00467		0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.00467		0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.00502		0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00416		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00475		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00485		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00458		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0147		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-68830/14

Matrix: Solid Lab File ID: UX82467.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/15/2012 01:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68830 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		50-150
2037-26-5	Toluene-d8 (Surr)	102		50-150
460-00-4	4-Bromofluorobenzene (Surr)	104		50-150
1868-53-7	Dibromofluoromethane (Surr)	101		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82467.D
Lims ID: MRL Client ID:
Inject. Date: 15-Dec-2012 01:33:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015873-014
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 68830 Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 01:54:43

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.158	-0.002	99	1666264	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	96	1197838	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	98	610881	50.0	
$ 4 BFB	95	3.524	3.744	-0.220	0	1359	0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.626	-0.002	58	419903	50.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.886	-0.002	93	530580	51.6	
$ 7 Toluene-d8 (Surr)	98	6.422	6.424	-0.002	95	1527889	51.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.754	0.010	96	534121	52.1	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.572	1.574	-0.002	81	29537	5.07	
13 Chloromethane	50	1.749	1.752	-0.003	89	51973	5.03	
14 Vinyl chloride	62	1.868	1.870	-0.002	91	30953	4.85	
15 Bromomethane	94	2.187	2.177	0.010	84	17421	4.84	
16 Chloroethane	64	2.282	2.272	0.010	79	17826	4.58	
17 Dichlorofluoromethane	67		2.450					
18 Trichlorofluoromethane	101	2.506	2.509	-0.003	82	37471	4.88	
19 Ethyl ether	59		2.734					9
20 Acrolein	56	2.837	2.840	-0.003	91	103299	54.7	
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96	2.932	2.923	0.009	94	26208	4.92	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.946	-0.002	66	21960	4.60	
22 Acetone	43	2.956	2.958	-0.002	93	56448	8.26	
24 Iodomethane	142	3.050	3.053	-0.003	96	56501	4.96	
26 Carbon disulfide	76	3.110	3.112	-0.002	97	71916	4.57	
27 Acetonitrile	41	3.169	3.171	-0.002	99	90636	51.3	
29 3-Chloro-1-propene	76		3.207					9
28 Methyl acetate	43	3.216	3.218	-0.002	97	106874	10.1	
30 Methylene Chloride	84	3.299	3.301	-0.002	90	61235	6.85	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 2-Methyl-2-propanol	59	3.370	3.372	-0.002	87	73568	89.3	
32 Acrylonitrile	53	3.476	3.479	-0.003	97	46339	10.6	
34 Methyl tert-butyl ether	73	3.512	3.514	-0.002	83	94510	4.80	
33 trans-1,2-Dichloroethene	96	3.524	3.526	-0.002	66	33586	4.94	
35 Hexane	86	3.725	3.727	-0.002	91	9122	4.88	
36 1,1-Dichloroethane	63	3.831	3.833	-0.002	92	63568	4.92	
37 Vinyl acetate	86	3.855	3.857	-0.002	97	6572	4.36	
38 Isopropyl ether	87		3.881					
39 2-Chloro-1,3-butadiene	53		3.905					
40 Tert-butyl ethyl ether	59		4.153					9
42 cis-1,2-Dichloroethene	96	4.269	4.271	-0.002	85	38238	4.92	
41 2-Butanone (MEK)	43	4.269	4.271	-0.002	92	67499	10.3	
43 2,2-Dichloropropane	77	4.281	4.283	-0.002	63	23797	4.61	
45 Ethyl acetate	43		4.307					9
44 Propionitrile	54		4.307					
46 Methacrylonitrile	41		4.425					9
47 Chlorobromomethane	128	4.458	4.449	0.010	84	20676	4.67	
48 Tetrahydrofuran	42	4.493	4.496	-0.003	82	19535	4.92	
49 Chloroform	83	4.505	4.508	-0.003	93	60239	4.93	
50 1,1,1-Trichloroethane	97	4.671	4.661	0.010	87	42137	4.67	
51 Cyclohexane	56	4.718	4.721	-0.003	95	66841	4.73	
52 1,1-Dichloropropene	75	4.789	4.792	-0.003	76	40211	4.78	
53 Carbon tetrachloride	117	4.801	4.803	-0.002	87	39039	4.71	
54 Isobutyl alcohol	41	4.813	4.815	-0.002	75	17535	41.1	
55 Benzene	78	4.943	4.945	-0.002	93	130673	5.01	
56 1,2-Dichloroethane	62	4.943	4.945	-0.002	55	61354	5.15	
57 Tert-amyl methyl ether	73		5.016					9
58 n-Heptane	100		5.135					
59 n-Butanol	56		5.324					
60 Trichloroethene	130	5.440	5.442	-0.002	89	37658	4.75	
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83	5.605	5.608	-0.003	89	53427	4.78	
62 1,2-Dichloropropane	63	5.617	5.620	-0.003	77	37034	5.15	
64 Methyl methacrylate	41		5.679					9
65 Dibromomethane	93	5.712	5.714	-0.002	82	21753	5.16	
66 1,4-Dioxane	88	5.712	5.714	-0.002	69	16759	217.5	
67 Dichlorobromomethane	83	5.818	5.821	-0.003	89	37456	4.63	
68 2-Nitropropane	41		5.998					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.187	-0.002	59	36530	4.13	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.306	-0.003	96	125321	10.7	
72 Toluene	91	6.481	6.483	-0.002	93	142512	4.81	
73 trans-1,3-Dichloropropene	75	6.646	6.637	0.009	82	29876	4.16	
74 Ethyl methacrylate	69	6.705	6.708	-0.003	77	32858	4.08	
75 1,1,2-Trichloroethane	97	6.800	6.802	-0.002	87	29022	4.67	
77 Tetrachloroethene	164	6.954	6.956	-0.002	83	28871	4.58	
76 1,3-Dichloropropane	76	6.954	6.956	-0.002	93	50884	5.08	
78 2-Hexanone	43	7.001	7.003	-0.002	95	95608	11.9	
132 n-Butyl acetate	43		7.110					19
79 Chlorodibromomethane	129	7.155	7.157	-0.002	71	26367	3.87	
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107	7.273	7.276	-0.003	67	30613	5.02	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1-Chlorohexane	91		7.663					9
82 Chlorobenzene	112	7.711	7.713	-0.002	88	97964	4.83	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.772	-0.002	77	29663	4.55	
84 Ethylbenzene	106	7.794	7.796	-0.002	97	48532	4.75	
10 m-Xylene & p-Xylene	106	7.900	7.902	-0.002	98	120225	9.80	
85 o-Xylene	106	8.267	8.269	-0.002	88	57581	4.93	
86 Styrene	104	8.279	8.281	-0.002	88	87203	4.63	
87 Bromoform	173	8.456	8.458	-0.002	77	14490	4.06	
88 Isopropylbenzene	105	8.610	8.612	-0.002	93	140902	4.75	
89 Cyclohexanone	55	8.693	8.695	-0.002	77	18460	8.48	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.872	-0.002	79	34536	4.88	
91 Bromobenzene	156	8.917	8.908	0.009	81	44505	5.04	
92 1,2,3-Trichloropropane	110	8.929	8.920	0.009	69	13059	4.78	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.932	-0.003	59	13751	4.54	
94 N-Propylbenzene	120	9.000	9.002	-0.002	96	40134	4.80	
95 2-Chlorotoluene	126	9.095	9.097	-0.002	95	35356	4.58	
96 1,3,5-Trimethylbenzene	105	9.166	9.168	-0.002	91	116395	4.81	
104 4-Chlorotoluene	126	9.189	9.192	-0.003	95	40638	5.04	
97 tert-Butylbenzene	119	9.485	9.487	-0.002	90	116625	5.06	
98 1,2,4-Trimethylbenzene	105	9.532	9.535	-0.003	68	119572	4.93	
99 sec-Butylbenzene	105	9.698	9.700	-0.002	87	145491	4.80	
100 1,3-Dichlorobenzene	146	9.816	9.819	-0.003	91	77880	4.77	
101 4-Isopropyltoluene	119	9.840	9.842	-0.002	90	121657	4.79	
102 1,4-Dichlorobenzene	146	9.899	9.901	-0.002	79	81339	4.78	
103 1,2,3-Trimethylbenzene	105		9.949					9
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91	10.242	10.233	0.009	93	97395	4.65	
106 1,2-Dichlorobenzene	146	10.266	10.268	-0.002	93	76557	5.00	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.025	-0.002	13	5013	4.41	
108 1,3,5-Trichlorobenzene	180	11.248	11.250	-0.002	89	42398	4.55	
109 1,2,4-Trichlorobenzene	180	11.863	11.853	0.010	86	40889	5.23	
110 Hexachlorobutadiene	225		12.031					
111 Naphthalene	128	12.111	12.102	0.009	89	99737	5.38	
112 1,2,3-Trichlorobenzene	180	12.359	12.362	-0.003	87	40327	5.16	
113 2-Methylnaphthalene	142		13.427					9
S 136 Trihalomethanes, Total	1				0		17.5	
S 11 1,2-Dichloroethene, Total	96				0		9.87	
S 9 1,3-Dichloropropene, Total	75				0		8.29	
S 114 Xylenes, Total	106				0		14.7	
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

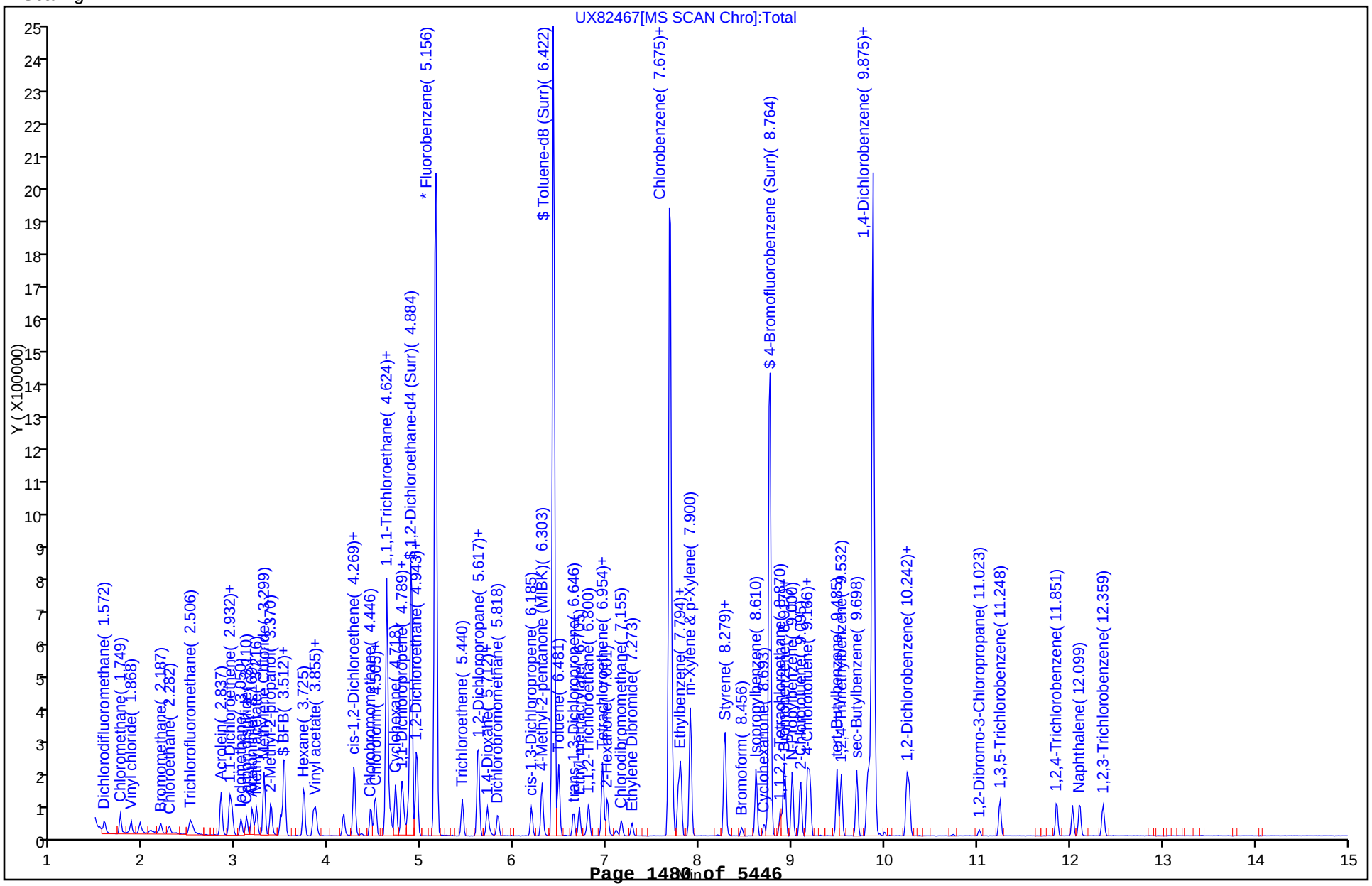
Report Date: 18-Dec-2012 02:06:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82467.D

Injection Date:	15-Dec-2012 01:33:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	14
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68830/33

Matrix: Solid | Lab File ID: UX82486.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/15/2012 08:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.00795	J	0.010	0.00050	0.00057
67-64-1	Acetone	0.00826	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.00492		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00382		0.0010	0.00050	0.00064
75-34-3	1,1-Dichloroethane	0.00474		0.0010	0.00025	0.00015
74-83-9	Bromomethane	0.00433		0.0010	0.00050	0.00041
107-06-2	1,2-Dichloroethane	0.00502		0.0010	0.00025	0.00022
75-15-0	Carbon disulfide	0.00442		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00443		0.0010	0.00025	0.00013
75-35-4	1,1-Dichloroethene	0.00508		0.0010	0.00025	0.00019
108-90-7	Chlorobenzene	0.00461		0.0010	0.00025	0.00015
540-59-0	1,2-Dichloroethene, Total	0.00954		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00493		0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.00440		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00479		0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.00629	J ^	0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.00378		0.0010	0.00025	0.00014
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00690	J ^	0.010	0.00050	0.00032
124-48-1	Dibromochloromethane	0.00398		0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.00467		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00432		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00700	^	0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.00462		0.0010	0.00025	0.00018
100-42-5	Styrene	0.00431		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00463		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00489		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00479		0.0010	0.00025	0.00016
71-55-6	1,1,1-Trichloroethane	0.00455		0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.00452		0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.00460		0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.00471		0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00386		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00455		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00487		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00452		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0139		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-68830/33

Matrix: Solid Lab File ID: UX82486.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/15/2012 08:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68830 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		50-150
2037-26-5	Toluene-d8 (Surr)	102		50-150
460-00-4	4-Bromofluorobenzene (Surr)	101		50-150
1868-53-7	Dibromofluoromethane (Surr)	99		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82486.D
Lims ID: MRL Client ID:
Inject. Date: 15-Dec-2012 08:31:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015873-033
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 32
Lims Batch ID: 68830 Lims Sample ID: 33
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 15:23:22

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.159	5.158	0.001	100	1568938	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.678	0.0	98	1106348	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.878	0.0	99	547185	50.0	
$ 4 BFB	95	3.526	3.744	-0.218	0	1022	0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.626	0.0	59	386705	49.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.886	0.0	92	469199	47.7	
$ 7 Toluene-d8 (Surr)	98	6.424	6.424	0.0	94	1410038	51.1	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.754	0.0	91	480948	50.5	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.574	1.574	0.0	88	25538	4.66	
13 Chloromethane	50	1.752	1.752	0.0	99	46608	4.79	
14 Vinyl chloride	62	1.858	1.870	-0.012	95	29265	4.87	
15 Bromomethane	94	2.178	2.177	0.001	83	14690	4.33	
16 Chloroethane	64	2.272	2.272	0.0	66	16574	4.52	
17 Dichlorofluoromethane	67		2.450					
18 Trichlorofluoromethane	101	2.509	2.509	0.0	82	35930	4.97	
19 Ethyl ether	59		2.734					
20 Acrolein	56	2.840	2.840	0.0	90	75257	42.3	
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96	2.935	2.923	0.012	93	25494	5.08	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.935	2.946	-0.011	76	22000	4.89	
22 Acetone	43	2.958	2.958	0.0	96	53133	8.26	
24 Iodomethane	142	3.053	3.053	0.0	97	50951	4.75	
26 Carbon disulfide	76	3.112	3.112	0.0	96	65444	4.42	
27 Acetonitrile	41	3.171	3.171	0.0	99	76858	46.2	
29 3-Chloro-1-propene	76		3.207					9
28 Methyl acetate	43	3.219	3.218	0.001	97	83346	8.40	
30 Methylene Chloride	84	3.301	3.301	0.0	91	58617	7.00	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 2-Methyl-2-propanol	59	3.372	3.372	0.0	83	51685	66.6	
32 Acrylonitrile	53	3.479	3.479	0.0	99	37996	9.26	
34 Methyl tert-butyl ether	73	3.514	3.514	0.0	83	80056	4.32	
33 trans-1,2-Dichloroethene	96	3.514	3.526	-0.012	69	30869	4.83	
35 Hexane	86	3.727	3.727	0.0	90	8354	4.74	
36 1,1-Dichloroethane	63	3.834	3.833	0.001	92	57658	4.74	
37 Vinyl acetate	86	3.857	3.857	0.0	95	5684	4.00	
38 Isopropyl ether	87		3.881					
39 2-Chloro-1,3-butadiene	53		3.905					
40 Tert-butyl ethyl ether	59		4.153					9
42 cis-1,2-Dichloroethene	96	4.271	4.271	0.0	79	34409	4.71	
41 2-Butanone (MEK)	43	4.271	4.271	0.0	85	49185	7.95	
43 2,2-Dichloropropane	77	4.283	4.283	0.0	59	22486	4.63	
45 Ethyl acetate	43		4.307					9
44 Propionitrile	54		4.307					
46 Methacrylonitrile	41		4.425					9
47 Chlorobromomethane	128	4.449	4.449	0.001	82	18828	4.52	
48 Tetrahydrofuran	42	4.496	4.496	0.0	87	13811	3.69	
49 Chloroform	83	4.508	4.508	0.0	81	55082	4.79	
50 1,1,1-Trichloroethane	97	4.662	4.661	0.001	88	38625	4.55	
51 Cyclohexane	56	4.721	4.721	0.0	96	59024	4.43	
52 1,1-Dichloropropene	75	4.792	4.792	0.0	78	36128	4.56	
53 Carbon tetrachloride	117	4.804	4.803	0.001	81	34516	4.43	
54 Isobutyl alcohol	41		4.815					9
55 Benzene	78	4.946	4.945	0.001	94	120900	4.92	
56 1,2-Dichloroethane	62	4.946	4.945	0.001	61	56317	5.02	
57 Tert-amyl methyl ether	73		5.016					9
58 n-Heptane	100		5.135					
59 n-Butanol	56		5.324					
60 Trichloroethene	130	5.442	5.442	0.0	85	33969	4.55	
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83	5.608	5.608	0.0	85	46332	4.40	
62 1,2-Dichloropropane	63	5.620	5.620	0.0	74	33410	4.93	
64 Methyl methacrylate	41		5.679					9
65 Dibromomethane	93	5.714	5.714	0.0	77	19401	4.89	
66 1,4-Dioxane	88	5.714	5.714	0.0	52	14028	193.3	
67 Dichlorobromomethane	83	5.821	5.821	0.0	86	33560	4.40	
68 2-Nitropropane	41		5.998					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.188	6.187	0.001	58	31539	3.78	
71 4-Methyl-2-pentanone (MIBK)	43	6.294	6.306	-0.012	93	75872	6.90	
72 Toluene	91	6.483	6.483	0.0	92	133809	4.89	
73 trans-1,3-Dichloropropene	75	6.637	6.637	0.0	77	25022	3.86	
74 Ethyl methacrylate	69	6.708	6.708	0.0	82	27524	3.70	
75 1,1,2-Trichloroethane	97	6.803	6.802	0.001	90	26367	4.60	
77 Tetrachloroethene	164	6.956	6.956	0.0	79	26944	4.63	
76 1,3-Dichloropropane	76	6.956	6.956	0.0	87	44556	4.82	
78 2-Hexanone	43	7.004	7.003	0.001	92	46565	6.29	
132 n-Butyl acetate	43		7.110					19
79 Chlorodibromomethane	129	7.158	7.157	0.001	66	25063	3.98	
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107	7.276	7.276	0.0	64	26535	4.71	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1-Chlorohexane	91		7.663					9
82 Chlorobenzene	112	7.713	7.713	0.0	91	86295	4.61	
83 1,1,1,2-Tetrachloroethane	131	7.773	7.772	0.001	80	26313	4.37	
84 Ethylbenzene	106	7.796	7.796	0.0	98	44067	4.67	
10 m-Xylene & p-Xylene	106	7.903	7.902	0.001	98	106278	9.38	
85 o-Xylene	106	8.269	8.269	0.0	88	48218	4.47	
86 Styrene	104	8.281	8.281	0.0	85	75088	4.31	
87 Bromoform	173	8.459	8.458	0.001	77	12378	3.82	
88 Isopropylbenzene	105	8.612	8.612	0.0	93	116581	4.26	
89 Cyclohexanone	55		8.695					9
90 1,1,2,2-Tetrachloroethane	83	8.873	8.872	0.001	82	29245	4.62	
91 Bromobenzene	156	8.908	8.908	0.0	87	39709	5.02	
92 1,2,3-Trichloropropane	110	8.932	8.920	0.012	69	11266	4.60	
93 trans-1,4-Dichloro-2-butene	53	8.932	8.932	0.0	53	10093	3.72	
94 N-Propylbenzene	120	9.003	9.002	0.001	96	34111	4.56	
95 2-Chlorotoluene	126	9.097	9.097	0.0	94	34335	4.97	
96 1,3,5-Trimethylbenzene	105	9.168	9.168	0.0	92	97476	4.50	
104 4-Chlorotoluene	126	9.192	9.192	0.0	92	33233	4.60	
97 tert-Butylbenzene	119	9.488	9.487	0.001	86	90587	4.39	
98 1,2,4-Trimethylbenzene	105	9.535	9.535	0.0	80	97092	4.47	
99 sec-Butylbenzene	105	9.701	9.700	0.001	88	122009	4.50	
100 1,3-Dichlorobenzene	146	9.819	9.819	0.0	83	64553	4.42	
101 4-Isopropyltoluene	119	9.843	9.842	0.001	89	101817	4.48	
102 1,4-Dichlorobenzene	146	9.902	9.901	0.001	87	67689	4.45	
103 1,2,3-Trimethylbenzene	105		9.949					
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91	10.245	10.233	0.012	88	68355	3.64	
106 1,2-Dichlorobenzene	146	10.268	10.268	0.0	89	62567	4.56	
107 1,2-Dibromo-3-Chloropropane	157	11.025	11.025	0.0	4	3847	3.78	
108 1,3,5-Trichlorobenzene	180	11.250	11.250	0.0	87	35359	4.24	
109 1,2,4-Trichlorobenzene	180	11.853	11.853	0.0	75	28203	4.03	
110 Hexachlorobutadiene	225		12.031					
111 Naphthalene	128	12.102	12.102	0.0	78	54379	3.27	
112 1,2,3-Trichlorobenzene	180	12.362	12.362	0.0	76	28634	3.40	
113 2-Methylnaphthalene	142		13.427					
S 136 Trihalomethanes, Total	1				0		17.0	
S 11 1,2-Dichloroethene, Total	96				0		9.53	
S 9 1,3-Dichloropropene, Total	75				0		7.64	
S 114 Xylenes, Total	106				0		13.9	
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

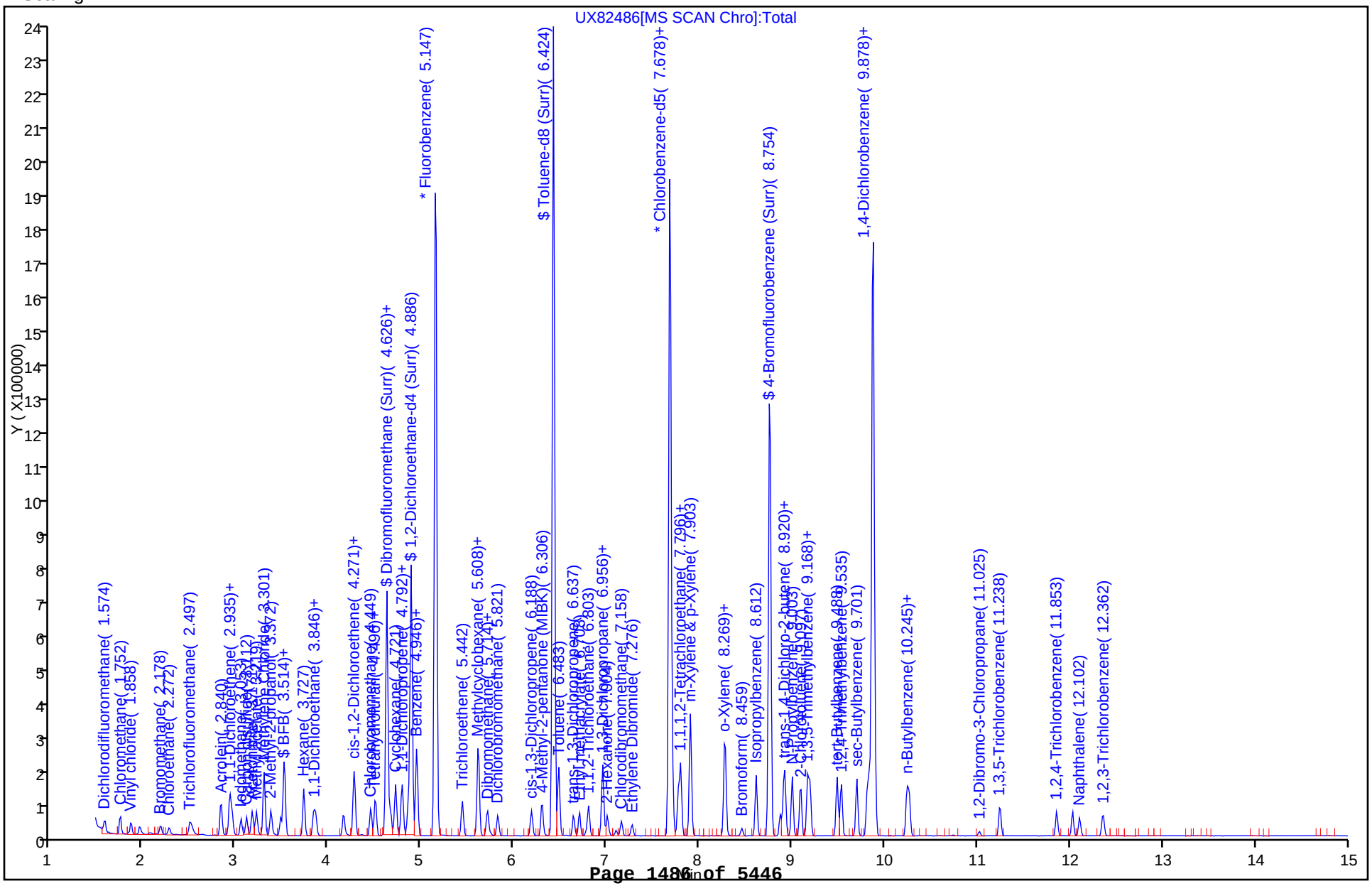
Report Date: 18-Dec-2012 02:06:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82486.D

Injection Date:	15-Dec-2012 08:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	33
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68879/5

Matrix: Solid | Lab File ID: UX82496.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/15/2012 18:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.0113		0.010	0.00050	0.00057
67-64-1	Acetone	0.00955	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.00532		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00449		0.0010	0.00050	0.00064
75-34-3	1,1-Dichloroethane	0.00516		0.0010	0.00025	0.00015
74-83-9	Bromomethane	0.00530		0.0010	0.00050	0.00041
107-06-2	1,2-Dichloroethane	0.00535		0.0010	0.00025	0.00022
75-15-0	Carbon disulfide	0.00472		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00501		0.0010	0.00025	0.00013
75-35-4	1,1-Dichloroethene	0.00516		0.0010	0.00025	0.00019
108-90-7	Chlorobenzene	0.00517		0.0010	0.00025	0.00015
540-59-0	1,2-Dichloroethene, Total	0.0103		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00525		0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.00491		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00517		0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.00956	J	0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.00440		0.0010	0.00025	0.00014
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00965	J	0.010	0.00050	0.00032
124-48-1	Dibromochloromethane	0.00416		0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.00500		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00507		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00547		0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.00538		0.0010	0.00025	0.00018
100-42-5	Styrene	0.00490		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00485		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00505		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00509		0.0010	0.00025	0.00016
71-55-6	1,1,1-Trichloroethane	0.00498		0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.00522		0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.00522		0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.00501		0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00432		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00534		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00556		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00523		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0156		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-68879/5

Matrix: Solid Lab File ID: UX82496.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/15/2012 18:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68879 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		50-150
2037-26-5	Toluene-d8 (Surr)	97		50-150
460-00-4	4-Bromofluorobenzene (Surr)	102		50-150
1868-53-7	Dibromofluoromethane (Surr)	99		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82496.D
Lims ID: MRL Client ID:
Inject. Date: 15-Dec-2012 18:19:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015886-005
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 68879 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 15-Dec-2012 18:46:57

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.147	0.009	100	1508888	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	97	1125990	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	99	577362	50.0	
$ 4 BFB	95	3.512	3.743	-0.231	0	1115	0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.624	-0.001	58	371222	49.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.884	0.0	93	476783	51.1	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1368392	48.3	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	96	491825	50.8	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.572	1.572	0.0	88	28561	5.41	
13 Chloromethane	50	1.749	1.749	0.0	88	48439	5.17	
14 Vinyl chloride	62	1.867	1.867	0.0	84	32137	5.56	
15 Bromomethane	94	2.187	2.187	0.0	79	17276	5.30	
16 Chloroethane	64	2.281	2.281	0.0	72	18468	5.23	
17 Dichlorofluoromethane	67		2.450					
18 Trichlorofluoromethane	101	2.506	2.506	0.0	85	38026	5.47	
19 Ethyl ether	59		2.734					
20 Acrolein	56	2.837	2.837	0.0	90	92245	53.9	
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96	2.932	2.932	0.0	90	24864	5.16	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.944	0.0	85	22027	5.09	
22 Acetone	43	2.956	2.956	0.0	91	55746	9.55	
24 Iodomethane	142	3.050	3.050	0.0	97	50957	4.94	
26 Carbon disulfide	76	3.109	3.109	0.0	94	67304	4.72	
27 Acetonitrile	41	3.169	3.169	0.0	99	84176	52.6	
29 3-Chloro-1-propene	76		3.207					
28 Methyl acetate	43	3.216	3.216	0.0	97	104565	11.0	
30 Methylene Chloride	84	3.299	3.299	0.0	85	46667	5.47	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 2-Methyl-2-propanol	59	3.370	3.382	-0.012	88	73848	99.0	
32 Acrylonitrile	53	3.476	3.476	0.0	99	42569	10.8	
34 Methyl tert-butyl ether	73	3.523	3.523	0.0	85	90373	5.07	
33 trans-1,2-Dichloroethene	96	3.523	3.523	0.0	65	30936	5.03	
35 Hexane	86	3.736	3.736	0.0	95	7362	4.35	
36 1,1-Dichloroethane	63	3.831	3.831	0.0	92	60334	5.16	
37 Vinyl acetate	86	3.855	3.855	0.0	96	6065	4.44	
38 Isopropyl ether	87		3.881					9
39 2-Chloro-1,3-butadiene	53		3.905					
40 Tert-butyl ethyl ether	59		4.153					9
42 cis-1,2-Dichloroethene	96	4.269	4.269	0.0	86	36914	5.25	
41 2-Butanone (MEK)	43	4.269	4.269	0.0	91	67059	11.3	
43 2,2-Dichloropropane	77	4.280	4.280	0.0	60	22116	4.73	
45 Ethyl acetate	43		4.307					9
44 Propionitrile	54		4.307					
46 Methacrylonitrile	41		4.425					9
47 Chlorobromomethane	128	4.458	4.458	0.0	84	20913	5.22	
48 Tetrahydrofuran	42	4.493	4.493	0.0	87	18547	5.16	
49 Chloroform	83	4.505	4.505	0.0	93	56219	5.09	
50 1,1,1-Trichloroethane	97	4.671	4.671	0.0	86	40728	4.98	
51 Cyclohexane	56	4.718	4.718	0.0	96	64931	5.07	
52 1,1-Dichloropropene	75	4.789	4.789	0.0	77	39793	5.22	
53 Carbon tetrachloride	117	4.801	4.801	0.0	83	37561	5.01	
54 Isobutyl alcohol	41		4.816					9
56 1,2-Dichloroethane	62	4.943	4.943	0.0	54	57678	5.35	
55 Benzene	78	4.955	4.943	0.012	94	125544	5.32	
57 Tert-amyl methyl ether	73		5.017					9
58 n-Heptane	100		5.135					
59 n-Butanol	56		5.324					9
60 Trichloroethene	130	5.440	5.440	0.0	87	38286	5.34	
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83	5.605	5.605	0.0	84	51869	5.12	
62 1,2-Dichloropropane	63	5.617	5.617	0.0	83	34202	5.25	
64 Methyl methacrylate	41		5.679					9
65 Dibromomethane	93	5.712	5.712	0.0	81	20165	5.28	
66 1,4-Dioxane	88	5.712	5.712	0.0	71	17491	250.6	
67 Dichlorobromomethane	83	5.830	5.830	0.0	78	35965	4.91	
68 2-Nitropropane	41		5.999					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.185	0.0	61	35230	4.40	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.303	0.0	96	102021	9.65	
72 Toluene	91	6.481	6.481	0.0	93	140593	5.05	
73 trans-1,3-Dichloropropene	75	6.634	6.646	-0.012	77	29413	4.32	
74 Ethyl methacrylate	69	6.705	6.705	0.0	82	33838	4.46	
75 1,1,2-Trichloroethane	97	6.800	6.800	0.0	88	30435	5.22	
76 1,3-Dichloropropane	76	6.954	6.954	0.0	88	48449	5.15	
77 Tetrachloroethene	164	6.966	6.966	0.0	91	28737	4.85	
78 2-Hexanone	43	7.001	7.001	0.0	94	72024	9.56	
132 n-Butyl acetate	43	7.107	7.110	-0.003	91	25749	0	
79 Chlorodibromomethane	129	7.155	7.155	0.0	75	26686	4.16	
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107	7.273	7.273	0.0	84	28690	5.01	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1-Chlorohexane	91		7.663					9
82 Chlorobenzene	112	7.711	7.711	0.0	91	98609	5.17	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.770	0.0	77	28949	4.72	
84 Ethylbenzene	106	7.794	7.794	0.0	97	48042	5.00	
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	98	119449	10.4	
85 o-Xylene	106	8.267	8.267	0.0	89	57075	5.20	
86 Styrene	104	8.279	8.279	0.0	86	86705	4.90	
87 Bromoform	173	8.456	8.456	0.0	77	15444	4.49	
88 Isopropylbenzene	105	8.610	8.610	0.0	93	138710	4.98	
89 Cyclohexanone	55	8.704	8.695	0.009	86	34276	16.7	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.870	0.0	78	35957	5.38	
91 Bromobenzene	156	8.917	8.917	0.0	81	43171	5.17	
92 1,2,3-Trichloropropane	110	8.929	8.929	0.0	64	15557	6.02	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.929	0.0	52	13394	4.68	
94 N-Propylbenzene	120	9.000	9.000	0.0	97	40262	5.10	
95 2-Chlorotoluene	126	9.095	9.095	0.0	93	35638	4.89	
96 1,3,5-Trimethylbenzene	105	9.166	9.166	0.0	83	109094	4.77	
104 4-Chlorotoluene	126	9.189	9.189	0.0	95	39500	5.18	
97 tert-Butylbenzene	119	9.485	9.485	0.0	88	113541	5.22	
98 1,2,4-Trimethylbenzene	105	9.532	9.532	0.0	70	113215	4.94	
99 sec-Butylbenzene	105	9.698	9.698	0.0	89	143315	5.01	
100 1,3-Dichlorobenzene	146	9.816	9.816	0.0	87	76794	4.98	
101 4-Isopropyltoluene	119	9.840	9.840	0.0	91	116649	4.86	
102 1,4-Dichlorobenzene	146	9.899	9.899	0.0	82	84284	5.25	
103 1,2,3-Trimethylbenzene	105		9.949					9
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91	10.242	10.242	0.0	93	91100	4.60	
106 1,2-Dichlorobenzene	146	10.266	10.266	0.0	95	74657	5.16	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.023	0.0	8	4915	4.57	
108 1,3,5-Trichlorobenzene	180	11.247	11.247	0.0	93	48524	5.51	
109 1,2,4-Trichlorobenzene	180	11.863	11.863	0.0	84	40435	5.47	
110 Hexachlorobutadiene	225		12.028					
111 Naphthalene	128	12.111	12.099	0.012	90	80198	4.57	
112 1,2,3-Trichlorobenzene	180	12.359	12.359	0.0	85	36760	4.86	
113 2-Methylnaphthalene	142		13.427					9
S 136 Trihalomethanes, Total	1				0		18.6	
S 11 1,2-Dichloroethene, Total	96				0		10.3	
S 9 1,3-Dichloropropene, Total	75				0		8.71	
S 114 Xylenes, Total	106				0		15.6	
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

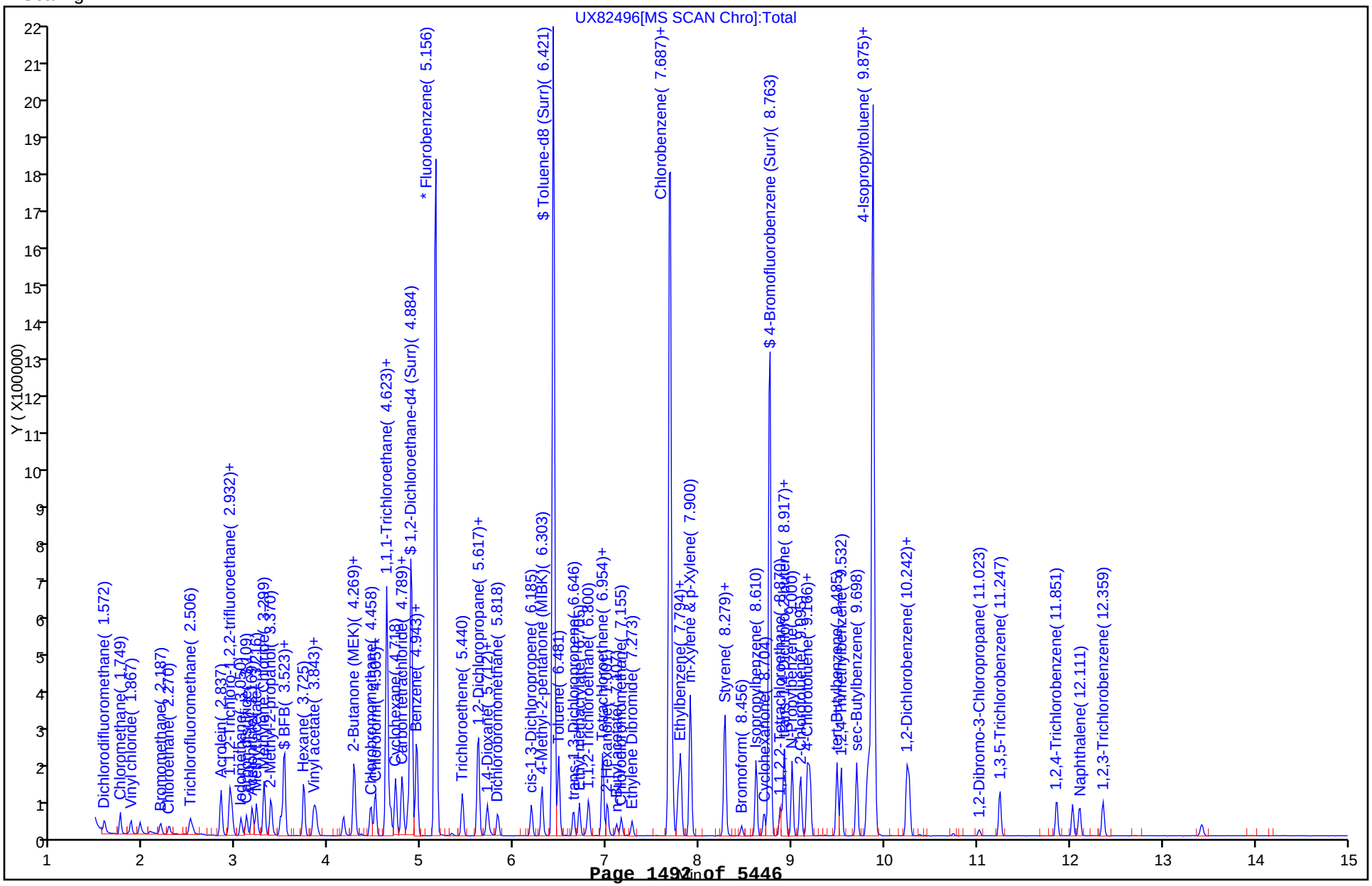
Report Date: 19-Dec-2012 02:39:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82496.D

Injection Date:	15-Dec-2012 18:19:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	5
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68879/33

Matrix: Solid | Lab File ID: UX82524.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/16/2012 04:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.00907	J	0.010	0.00050	0.00057
67-64-1	Acetone	0.00900	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.00506		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00417		0.0010	0.00050	0.00064
75-34-3	1,1-Dichloroethane	0.00505		0.0010	0.00025	0.00015
74-83-9	Bromomethane	0.00514		0.0010	0.00050	0.00041
107-06-2	1,2-Dichloroethane	0.00523		0.0010	0.00025	0.00022
75-15-0	Carbon disulfide	0.00463		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00462		0.0010	0.00025	0.00013
75-35-4	1,1-Dichloroethene	0.00512		0.0010	0.00025	0.00019
108-90-7	Chlorobenzene	0.00503		0.0010	0.00025	0.00015
540-59-0	1,2-Dichloroethene, Total	0.0103		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00496		0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.00454		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00520		0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.00795	J	0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.00402		0.0010	0.00025	0.00014
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00784	J	0.010	0.00050	0.00032
124-48-1	Dibromochloromethane	0.00420		0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.00500		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00464		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00649		0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.00518		0.0010	0.00025	0.00018
100-42-5	Styrene	0.00461		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00465		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00513		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00516		0.0010	0.00025	0.00016
71-55-6	1,1,1-Trichloroethane	0.00484		0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.00497		0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.00509		0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.00477		0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00419		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00506		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00542		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00447		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0144		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-68879/33

Matrix: Solid Lab File ID: UX82524.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/16/2012 04:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68879 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		50-150
2037-26-5	Toluene-d8 (Surr)	100		50-150
460-00-4	4-Bromofluorobenzene (Surr)	97		50-150
1868-53-7	Dibromofluoromethane (Surr)	96		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82524.D
Lims ID: MRL Client ID:
Inject. Date: 16-Dec-2012 04:26:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015886-033
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 32
Lims Batch ID: 68879 Lims Sample ID: 33
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 17-Dec-2012 00:19:50

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.147	0.008	100	1565608	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.678	0.008	97	1087009	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.874	9.878	-0.004	98	543459	50.0	
$ 4 BFB	95	3.522	3.743	-0.221	0	1634	0	
$ 5 Dibromofluoromethane (Surr)	113	4.622	4.624	-0.002	59	375954	47.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.894	4.884	0.010	93	462643	47.0	
$ 7 Toluene-d8 (Surr)	98	6.420	6.421	-0.001	95	1354458	49.8	
$ 131 4-Bromofluorobenzene (Surr)	95	8.762	8.763	-0.001	92	458865	48.7	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.582	1.572	0.010	88	27154	4.96	
13 Chloromethane	50	1.748	1.749	-0.001	99	50525	5.20	
14 Vinyl chloride	62	1.866	1.867	-0.001	94	32530	5.42	
15 Bromomethane	94	2.186	2.187	-0.001	84	17381	5.14	
16 Chloroethane	64	2.280	2.281	-0.001	82	16378	4.47	
17 Dichlorofluoromethane	67		2.450					
18 Trichlorofluoromethane	101	2.505	2.506	-0.001	83	38209	5.30	
19 Ethyl ether	59		2.734					
20 Acrolein	56	2.836	2.837	-0.001	90	83124	46.8	
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96	2.931	2.932	-0.001	93	25603	5.12	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.943	2.944	-0.001	74	19891	4.43	
22 Acetone	43	2.955	2.956	-0.001	93	55804	9.00	
24 Iodomethane	142	3.049	3.050	-0.001	96	55392	5.18	
26 Carbon disulfide	76	3.108	3.109	-0.001	97	68437	4.63	
27 Acetonitrile	41	3.167	3.169	-0.002	99	85719	51.6	
29 3-Chloro-1-propene	76		3.207					
28 Methyl acetate	43	3.215	3.216	-0.001	97	96983	9.80	
30 Methylene Chloride	84	3.298	3.299	-0.001	90	55190	6.49	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 2-Methyl-2-propanol	59	3.380	3.382	-0.002	86	62352	80.5	
32 Acrylonitrile	53	3.475	3.476	-0.001	92	41193	10.1	
34 Methyl tert-butyl ether	73	3.522	3.523	-0.001	83	85790	4.64	
33 trans-1,2-Dichloroethene	96	3.522	3.523	-0.001	68	32019	5.02	
35 Hexane	86	3.735	3.736	-0.001	89	8053	4.58	
36 1,1-Dichloroethane	63	3.842	3.831	0.011	91	61322	5.05	
37 Vinyl acetate	86	3.865	3.855	0.010	95	5608	3.96	
38 Isopropyl ether	87		3.881					
39 2-Chloro-1,3-butadiene	53		3.905					
40 Tert-butyl ethyl ether	59		4.153					9
42 cis-1,2-Dichloroethene	96	4.268	4.269	-0.001	86	38382	5.26	
41 2-Butanone (MEK)	43	4.268	4.269	-0.001	92	56008	9.07	
43 2,2-Dichloropropane	77	4.279	4.280	-0.001	63	24222	5.00	
45 Ethyl acetate	43		4.307					9
44 Propionitrile	54		4.307					
46 Methacrylonitrile	41		4.425					9
47 Chlorobromomethane	128	4.457	4.458	-0.001	82	20653	4.97	
48 Tetrahydrofuran	42	4.492	4.493	-0.001	84	16355	4.38	
49 Chloroform	83	4.504	4.505	-0.001	94	59187	5.16	
50 1,1,1-Trichloroethane	97	4.670	4.671	-0.001	84	41043	4.84	
51 Cyclohexane	56	4.717	4.718	-0.001	94	64210	4.83	
52 1,1-Dichloropropene	75	4.788	4.789	-0.001	79	37582	4.75	
53 Carbon tetrachloride	117	4.800	4.801	-0.001	81	35936	4.62	
54 Isobutyl alcohol	41		4.816					9
56 1,2-Dichloroethane	62	4.942	4.943	-0.001	62	58533	5.23	
55 Benzene	78	4.954	4.943	0.011	93	123988	5.06	
57 Tert-amyl methyl ether	73		5.017					9
58 n-Heptane	100		5.135					
59 n-Butanol	56		5.324					
60 Trichloroethene	130	5.439	5.440	-0.001	88	37702	5.06	
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83	5.604	5.605	-0.001	86	48315	4.60	
62 1,2-Dichloropropane	63	5.616	5.617	-0.001	76	33571	4.96	
64 Methyl methacrylate	41		5.679					9
65 Dibromomethane	93	5.711	5.712	-0.001	81	21068	5.32	
66 1,4-Dioxane	88	5.711	5.712	-0.001	68	16616	229.5	
67 Dichlorobromomethane	83	5.817	5.830	-0.013	89	34559	4.54	
68 2-Nitropropane	41		5.999					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.184	6.185	-0.001	59	33476	4.02	
71 4-Methyl-2-pentanone (MIBK)	43	6.302	6.303	-0.001	95	86053	7.84	
72 Toluene	91	6.479	6.481	-0.002	91	138035	5.13	
73 trans-1,3-Dichloropropene	75	6.645	6.646	-0.001	78	27326	4.19	
74 Ethyl methacrylate	69	6.704	6.705	-0.001	78	30594	4.18	
75 1,1,2-Trichloroethane	97	6.799	6.800	-0.001	83	28696	5.09	
76 1,3-Dichloropropane	76	6.953	6.954	-0.001	86	46777	5.15	
77 Tetrachloroethene	164	6.953	6.966	-0.013	77	26609	4.65	
78 2-Hexanone	43	7.012	7.001	0.011	92	57772	7.95	
132 n-Butyl acetate	43	7.106	7.110	-0.004	62	9062	0	
79 Chlorodibromomethane	129	7.154	7.155	-0.001	65	26007	4.20	
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107	7.272	7.273	-0.001	78	26366	4.77	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1-Chlorohexane	91		7.663					9
82 Chlorobenzene	112	7.710	7.711	-0.001	92	92589	5.03	
83 1,1,1,2-Tetrachloroethane	131	7.769	7.770	-0.001	71	27381	4.63	
84 Ethylbenzene	106	7.804	7.794	0.010	96	46358	5.00	
10 m-Xylene & p-Xylene	106	7.899	7.900	-0.001	98	105376	9.47	
85 o-Xylene	106	8.277	8.267	0.010	86	52401	4.94	
86 Styrene	104	8.277	8.279	-0.002	83	78753	4.61	
87 Bromoform	173	8.455	8.456	-0.001	78	13576	4.17	
88 Isopropylbenzene	105	8.609	8.610	-0.001	94	123165	4.58	
89 Cyclohexanone	55		8.695					9
90 1,1,2,2-Tetrachloroethane	83	8.869	8.870	-0.001	80	32586	5.18	
91 Bromobenzene	156	8.916	8.917	-0.001	81	39542	5.03	
92 1,2,3-Trichloropropane	110	8.928	8.929	-0.001	66	12651	5.20	
93 trans-1,4-Dichloro-2-butene	53	8.928	8.929	-0.001	48	10964	4.07	
94 N-Propylbenzene	120	8.999	9.000	-0.001	94	35239	4.74	
95 2-Chlorotoluene	126	9.094	9.095	-0.001	94	34146	4.98	
96 1,3,5-Trimethylbenzene	105	9.165	9.166	-0.001	91	98629	4.58	
104 4-Chlorotoluene	126	9.200	9.189	0.011	93	35528	4.95	
97 tert-Butylbenzene	119	9.484	9.485	-0.001	89	93050	4.54	
98 1,2,4-Trimethylbenzene	105	9.531	9.532	-0.001	68	98803	4.58	
99 sec-Butylbenzene	105	9.697	9.698	-0.001	81	120960	4.49	
100 1,3-Dichlorobenzene	146	9.815	9.816	-0.001	83	65904	4.54	
101 4-Isopropyltoluene	119	9.839	9.840	-0.001	78	97014	4.30	
102 1,4-Dichlorobenzene	146	9.898	9.899	-0.001	78	67540	4.47	
103 1,2,3-Trimethylbenzene	105		9.949					
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91	10.241	10.242	-0.001	88	70338	3.77	
106 1,2-Dichlorobenzene	146	10.265	10.266	-0.001	93	64861	4.76	
107 1,2-Dibromo-3-Chloropropane	157	11.022	11.023	-0.001	10	4028	3.98	
108 1,3,5-Trichlorobenzene	180	11.246	11.247	-0.001	89	35505	4.28	
109 1,2,4-Trichlorobenzene	180	11.861	11.863	-0.002	72	27795	4.00	
110 Hexachlorobutadiene	225		12.028					
111 Naphthalene	128	12.110	12.099	0.011	82	60504	3.67	
112 1,2,3-Trichlorobenzene	180	12.358	12.359	-0.001	73	27787	3.25	
113 2-Methylnaphthalene	142		13.427					9
S 136 Trihalomethanes, Total	1				0		18.1	
S 11 1,2-Dichloroethene, Total	96				0		10.3	
S 9 1,3-Dichloropropene, Total	75				0		8.21	
S 114 Xylenes, Total	106				0		14.4	
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

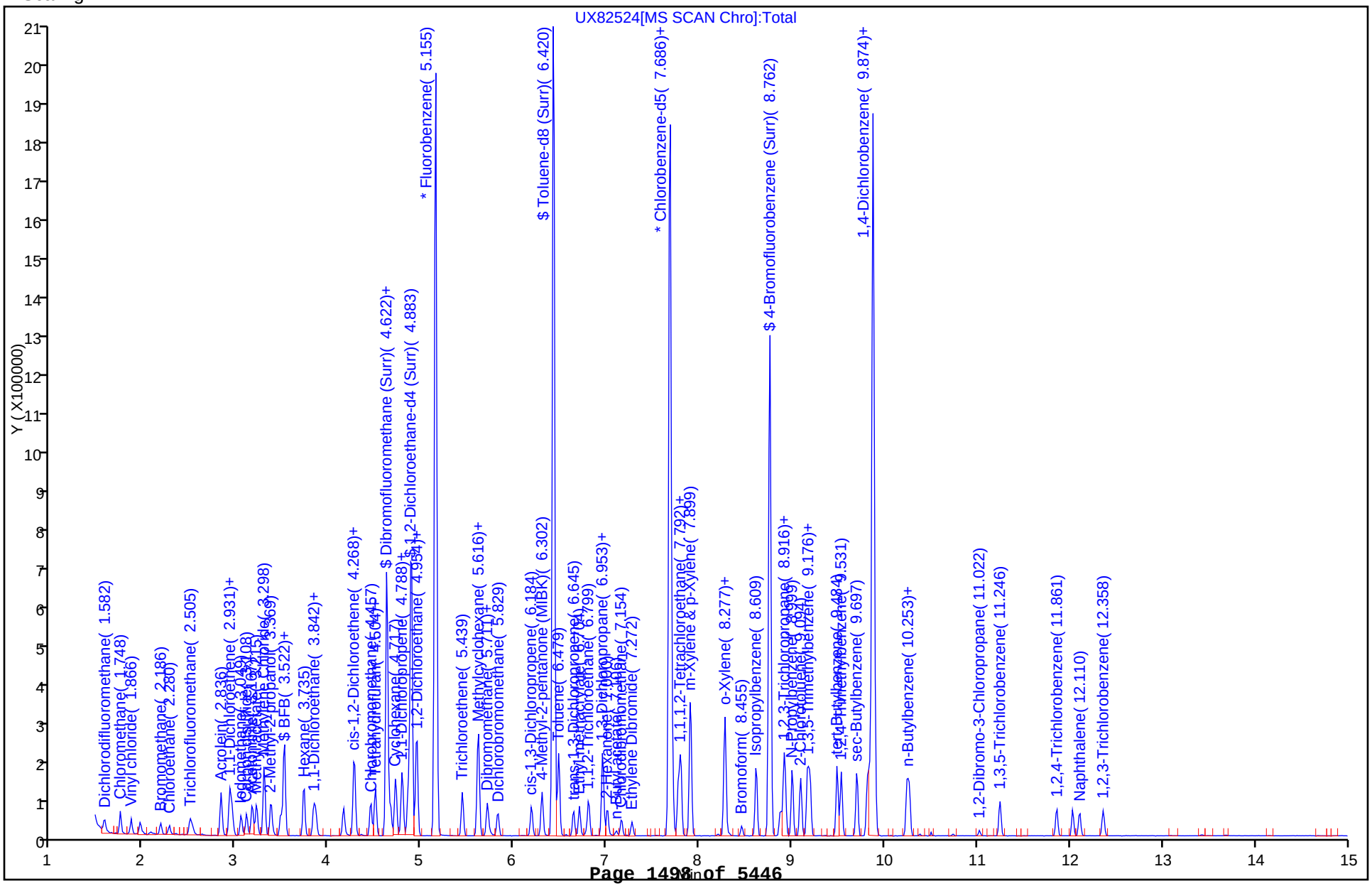
Report Date: 19-Dec-2012 02:39:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82524.D

Injection Date:	16-Dec-2012 04:26:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	33
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-68905/5

Matrix: Solid Lab File ID: UX82529.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/17/2012 00:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68905 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.00565		0.0010	0.00025	0.00013
100-41-4	Ethylbenzene	0.00556		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00505		0.0010	0.00025	0.00017
108-88-3	Toluene	0.00559		0.0010	0.00025	0.00013
1330-20-7	Xylenes, Total	0.0170		0.0020	0.00075	0.00028

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		50-150
2037-26-5	Toluene-d8 (Surr)	98		50-150
460-00-4	4-Bromofluorobenzene (Surr)	100		50-150
1868-53-7	Dibromofluoromethane (Surr)	98		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82529.D
Lims ID: MRL Client ID:
Inject. Date: 17-Dec-2012 00:26:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015896-005
Misc. Info.: M21216A,8260SUX8,,402279 =M21216A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 68905 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\8260_8.m
Last Update: 20-Dec-2012 03:33:06 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: latat Date: 17-Dec-2012 00:54:02

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.155	0.0	99	1451421	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.686	0.0	97	1066117	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.874	0.001	98	535446	50.0	
$ 4 BFB	95	3.523	3.741	-0.218	0	1120	0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.623	0.0	58	355636	49.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.884	-0.001	94	441727	48.8	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1306038	48.8	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	94	458859	49.9	
138 Butyl Methacrylate TIC	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
135 1,4-Dichlorobutane	1		0.000					
12 Dichlorodifluoromethane	85	1.571	1.583	-0.012	86	27534	5.43	
13 Chloromethane	50	1.749	1.749	0.0	89	48732	5.41	
14 Vinyl chloride	62	1.867	1.867	0.0	94	29860	5.37	
15 Bromomethane	94	2.186	2.187	-0.001	79	16747	5.34	
16 Chloroethane	64	2.281	2.281	0.0	70	16904	4.98	
17 Dichlorofluoromethane	67		2.446					
18 Trichlorofluoromethane	101	2.506	2.506	0.0	86	38527	5.77	
19 Ethyl ether	59		2.741					
20 Acrolein	56	2.837	2.837	0.0	92	73529	44.7	
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96	2.931	2.932	-0.001	92	26705	5.76	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.943	2.944	-0.001	78	25341	6.09	
22 Acetone	43	2.955	2.956	-0.001	96	47756	7.86	
24 Iodomethane	142	3.050	3.050	0.0	96	55651	5.61	
26 Carbon disulfide	76	3.109	3.109	0.0	96	72849	5.31	
27 Acetonitrile	41	3.168	3.168	0.0	99	69647	45.2	
29 3-Chloro-1-propene	76		3.215					
28 Methyl acetate	43	3.215	3.216	-0.001	97	86184	9.39	
30 Methylene Chloride	84	3.298	3.299	-0.001	90	49298	6.19	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 2-Methyl-2-propanol	59	3.369	3.369	0.0	86	61776	86.1	
32 Acrylonitrile	53	3.476	3.476	0.0	93	33203	8.75	
34 Methyl tert-butyl ether	73	3.523	3.523	0.0	84	86516	5.05	
33 trans-1,2-Dichloroethene	96	3.523	3.523	0.0	74	32207	5.44	
35 Hexane	86	3.724	3.736	-0.012	92	8096	4.97	
36 1,1-Dichloroethane	63	3.830	3.831	-0.001	91	60764	5.40	
37 Vinyl acetate	86	3.866	3.854	0.012	97	5050	3.85	
38 Isopropyl ether	87		3.877					9
39 2-Chloro-1,3-butadiene	53		3.913					
40 Tert-butyl ethyl ether	59		4.149					9
41 2-Butanone (MEK)	43	4.268	4.268	0.0	80	54049	9.44	
42 cis-1,2-Dichloroethene	96	4.268	4.268	0.0	85	39420	5.83	
43 2,2-Dichloropropane	77	4.280	4.280	0.0	62	26550	5.91	
45 Ethyl acetate	43		4.303					9
44 Propionitrile	54		4.303					
46 Methacrylonitrile	41		4.433					9
47 Chlorobromomethane	128	4.457	4.458	-0.001	85	21590	5.60	
48 Tetrahydrofuran	42	4.493	4.493	0.0	76	14958	4.32	
49 Chloroform	83	4.505	4.505	0.0	95	59422	5.59	
50 1,1,1-Trichloroethane	97	4.670	4.659	0.011	89	46916	5.97	
51 Cyclohexane	56	4.718	4.718	0.0	95	69595	5.65	
52 1,1-Dichloropropene	75	4.788	4.789	-0.001	77	41878	5.71	
53 Carbon tetrachloride	117	4.800	4.801	-0.001	86	41721	5.78	
54 Isobutyl alcohol	41		4.811					9
55 Benzene	78	4.954	4.943	0.011	94	128443	5.65	
56 1,2-Dichloroethane	62	4.942	4.943	-0.001	51	59626	5.74	
57 Tert-amyl methyl ether	73		5.013					9
58 n-Heptane	100		5.131					
59 n-Butanol	56	5.333	5.320	0.013	77	4290	19.3	
60 Trichloroethene	130	5.439	5.439	0.0	89	37571	5.44	
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83	5.605	5.605	0.0	87	56972	5.85	
62 1,2-Dichloropropane	63	5.616	5.617	-0.001	82	34188	5.45	
64 Methyl methacrylate	41		5.675					9
65 Dibromomethane	93	5.711	5.712	-0.001	77	18822	5.12	
66 1,4-Dioxane	88	5.711	5.712	-0.001	68	16015	238.6	
67 Dichlorobromomethane	83	5.829	5.818	0.011	88	39150	5.55	
68 2-Nitropropane	41		5.994					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.184	6.185	-0.001	63	36248	4.70	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.303	0.0	93	73912	7.26	
72 Toluene	91	6.480	6.480	0.0	93	147518	5.59	
73 trans-1,3-Dichloropropene	75	6.646	6.646	0.0	77	29894	4.57	
74 Ethyl methacrylate	69	6.705	6.705	0.0	76	31425	4.38	
75 1,1,2-Trichloroethane	97	6.799	6.800	-0.001	93	28655	5.19	
77 Tetrachloroethene	164	6.953	6.954	-0.001	85	32587	5.81	
76 1,3-Dichloropropane	76	6.953	6.954	-0.001	86	47665	5.35	
78 2-Hexanone	43	7.000	7.001	-0.001	92	48619	6.82	
132 n-Butyl acetate	43	7.107	7.106	0.001	89	29966	0	
79 Chlorodibromomethane	129	7.154	7.155	-0.001	72	27736	4.57	
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107	7.272	7.273	-0.001	80	28716	5.29	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1-Chlorohexane	91		7.663					9
82 Chlorobenzene	112	7.710	7.711	-0.001	91	103091	5.71	
83 1,1,1,2-Tetrachloroethane	131	7.769	7.770	-0.001	80	32015	5.52	
84 Ethylbenzene	106	7.805	7.793	0.012	96	50571	5.56	
10 m-Xylene & p-Xylene	106	7.899	7.900	-0.001	98	126619	11.6	
85 o-Xylene	106	8.278	8.267	0.012	90	55635	5.35	
86 Styrene	104	8.278	8.278	0.0	86	90393	5.39	
87 Bromoform	173	8.455	8.456	-0.001	76	14995	4.58	
88 Isopropylbenzene	105	8.609	8.610	-0.001	94	146067	5.53	
89 Cyclohexanone	55	8.704	8.703	0.001	84	37714	19.5	
90 1,1,2,2-Tetrachloroethane	83	8.869	8.870	-0.001	81	32994	5.32	
91 Bromobenzene	156	8.917	8.917	0.0	82	43010	5.56	
92 1,2,3-Trichloropropane	110	8.928	8.929	-0.001	69	12178	5.08	
93 trans-1,4-Dichloro-2-butene	53	8.928	8.929	-0.001	53	11251	4.24	
94 N-Propylbenzene	120	8.999	9.000	-0.001	97	39655	5.41	
95 2-Chlorotoluene	126	9.094	9.095	0.0	95	38549	5.70	
96 1,3,5-Trimethylbenzene	105	9.165	9.165	0.0	92	117545	5.54	
104 4-Chlorotoluene	126	9.189	9.189	0.0	95	40957	5.79	
97 tert-Butylbenzene	119	9.484	9.485	-0.001	90	119110	5.90	
98 1,2,4-Trimethylbenzene	105	9.532	9.532	0.0	93	118898	5.59	
99 sec-Butylbenzene	105	9.697	9.698	-0.001	88	150261	5.66	
100 1,3-Dichlorobenzene	146	9.816	9.816	0.0	85	75187	5.26	
101 4-Isopropyltoluene	119	9.839	9.840	-0.001	84	124022	5.57	
102 1,4-Dichlorobenzene	146	9.898	9.899	-0.001	79	83583	5.61	
103 1,2,3-Trimethylbenzene	105		9.945					9
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91	10.241	10.242	-0.001	93	94608	5.15	
106 1,2-Dichlorobenzene	146	10.265	10.266	-0.001	91	71886	5.36	
107 1,2-Dibromo-3-Chloropropane	157	11.022	11.023	-0.001	8	4103	4.12	
108 1,3,5-Trichlorobenzene	180	11.247	11.247	0.0	93	44925	5.50	
109 1,2,4-Trichlorobenzene	180	11.862	11.862	0.0	83	36964	5.39	
110 Hexachlorobutadiene	225	12.028	12.028	0.0	75	20404	2.30	
111 Naphthalene	128	12.110	12.111	-0.001	82	65019	4.00	
112 1,2,3-Trichlorobenzene	180	12.359	12.359	0.0	84	34950	5.06	
113 2-Methylnaphthalene	142		13.423					9
S 136 Trihalomethanes, Total	1				0		20.3	
S 11 1,2-Dichloroethene, Total	96				0		11.3	
S 9 1,3-Dichloropropene, Total	75				0		9.27	
S 114 Xylenes, Total	106				0		17.0	
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

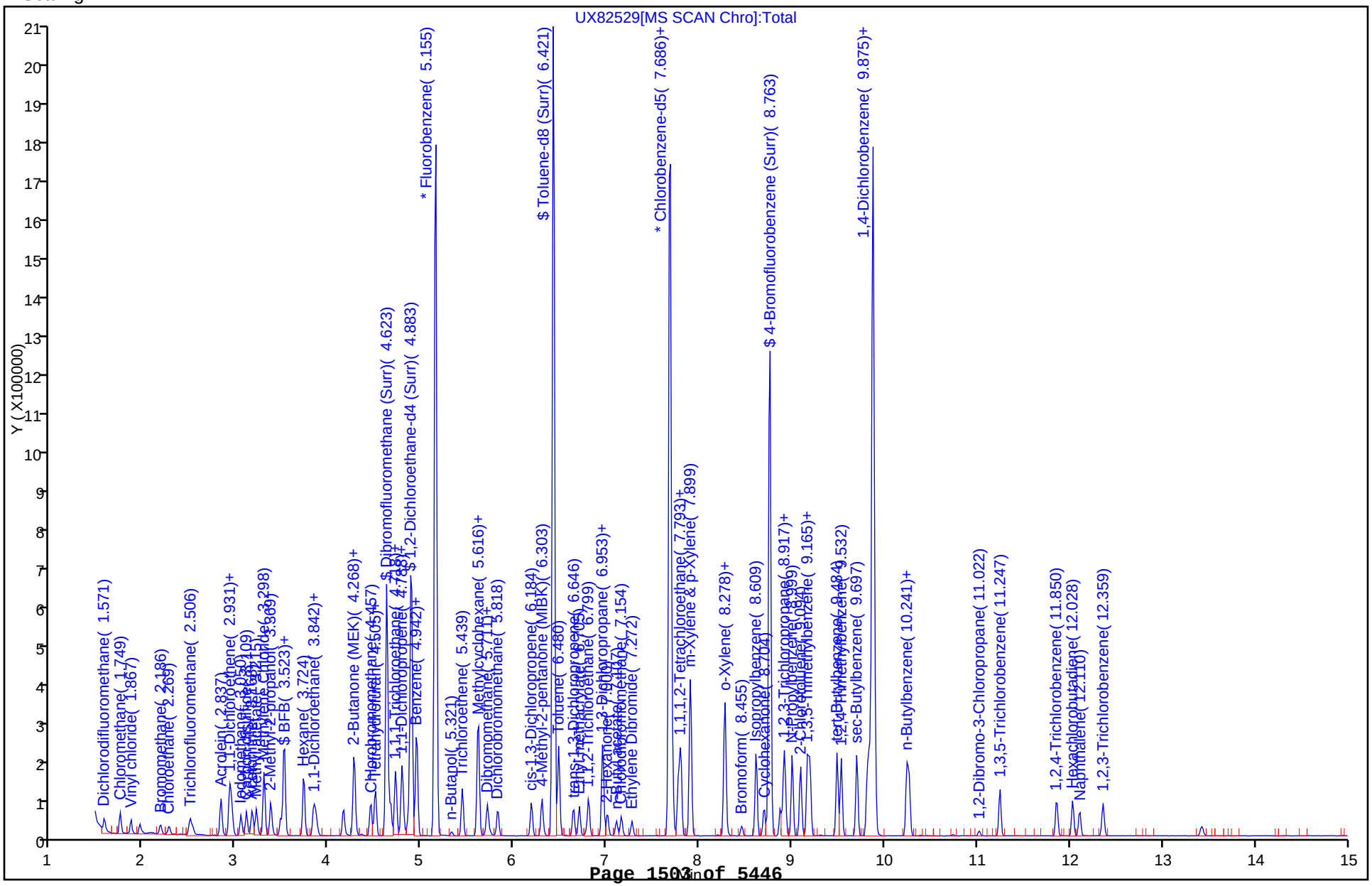
Report Date: 20-Dec-2012 03:33:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82529.D

Injection Date:	17-Dec-2012 00:26:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	5
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-68905/33

Matrix: Solid Lab File ID: UX82557.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/17/2012 10:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68905 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.00535		0.0010	0.00025	0.00013
100-41-4	Ethylbenzene	0.00518		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00525		0.0010	0.00025	0.00017
108-88-3	Toluene	0.00530		0.0010	0.00025	0.00013
1330-20-7	Xylenes, Total	0.0161		0.0020	0.00075	0.00028

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		50-150
2037-26-5	Toluene-d8 (Surr)	94		50-150
460-00-4	4-Bromofluorobenzene (Surr)	98		50-150
1868-53-7	Dibromofluoromethane (Surr)	93		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82557.D
Lims ID: MRL Client ID:
Inject. Date: 17-Dec-2012 10:34:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015896-033
Misc. Info.: M21216A,8260SUX8,,402279 =M21216A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 32
Lims Batch ID: 68905 Lims Sample ID: 33
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\8260_8.m
Last Update: 20-Dec-2012 03:33:06 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: latat Date: 17-Dec-2012 21:45:35

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.155	0.0	99	1488713	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.686	0.0	97	1068309	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.874	0.001	99	549866	50.0	
$ 4 BFB	95	3.523	3.741	-0.218	0	1130	0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.623	0.0	59	348724	46.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.895	4.884	0.011	93	436036	46.5	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1264766	46.8	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	95	452405	48.9	
138 Butyl Methacrylate TIC	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
135 1,4-Dichlorobutane	1		0.000					
12 Dichlorodifluoromethane	85	1.583	1.583	0.0	81	25298	4.86	
13 Chloromethane	50	1.749	1.749	0.0	97	49396	5.35	
14 Vinyl chloride	62	1.867	1.867	0.0	83	28071	4.92	
15 Bromomethane	94	2.186	2.187	-0.001	77	19331	6.01	
16 Chloroethane	64	2.281	2.281	0.0	81	20181	5.80	
17 Dichlorofluoromethane	67		2.446					
18 Trichlorofluoromethane	101	2.506	2.506	0.0	86	40836	5.96	
19 Ethyl ether	59		2.741					
20 Acrolein	56	2.837	2.837	0.0	90	79623	47.2	
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96	2.931	2.932	-0.001	90	24072	5.06	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.943	2.944	-0.001	75	19189	4.50	
22 Acetone	43	2.955	2.956	-0.001	92	54006	9.27	
24 Iodomethane	142	3.050	3.050	0.0	96	56744	5.58	
26 Carbon disulfide	76	3.109	3.109	0.0	96	64567	4.59	
27 Acetonitrile	41	3.168	3.168	0.0	99	84178	53.3	
29 3-Chloro-1-propene	76		3.215					
28 Methyl acetate	43	3.215	3.216	-0.001	97	107593	11.4	
30 Methylene Chloride	84	3.298	3.299	-0.001	91	54071	6.75	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 2-Methyl-2-propanol	59	3.381	3.369	0.012	88	67445	91.6	
32 Acrylonitrile	53	3.487	3.476	0.011	97	43473	11.2	
34 Methyl tert-butyl ether	73	3.523	3.523	0.0	82	92302	5.25	
33 trans-1,2-Dichloroethene	96	3.523	3.523	0.0	67	31416	5.18	
35 Hexane	86	3.736	3.736	0.0	92	6730	4.03	
36 1,1-Dichloroethane	63	3.842	3.831	0.011	89	63060	5.47	
37 Vinyl acetate	86	3.866	3.854	0.012	95	5267	3.91	
38 Isopropyl ether	87		3.877					
39 2-Chloro-1,3-butadiene	53		3.913					
40 Tert-butyl ethyl ether	59		4.149					9
41 2-Butanone (MEK)	43	4.268	4.268	0.0	88	61834	10.5	
42 cis-1,2-Dichloroethene	96	4.268	4.268	0.0	87	38054	5.49	
43 2,2-Dichloropropane	77	4.280	4.280	0.0	60	22440	4.87	
45 Ethyl acetate	43		4.303					9
44 Propionitrile	54		4.303					
46 Methacrylonitrile	41		4.433					9
47 Chlorobromomethane	128	4.457	4.458	-0.001	71	21110	5.34	
48 Tetrahydrofuran	42	4.493	4.493	0.0	65	19664	5.54	
49 Chloroform	83	4.505	4.505	0.0	85	59007	5.41	
50 1,1,1-Trichloroethane	97	4.670	4.659	0.011	86	40681	5.05	
51 Cyclohexane	56	4.718	4.718	0.0	96	65159	5.16	
52 1,1-Dichloropropene	75	4.789	4.789	0.0	77	38792	5.16	
53 Carbon tetrachloride	117	4.800	4.801	-0.001	72	35105	4.75	
54 Isobutyl alcohol	41		4.811					9
55 Benzene	78	4.954	4.943	0.011	94	124690	5.35	
56 1,2-Dichloroethane	62	4.942	4.943	-0.001	61	60757	5.71	
57 Tert-amyl methyl ether	73		5.013					9
58 n-Heptane	100		5.131					
59 n-Butanol	56		5.320					9
60 Trichloroethene	130	5.439	5.439	0.0	85	39003	5.51	
61 Ethyl acrylate	55		5.487					
63 Methylcyclohexane	83	5.617	5.605	0.011	86	48890	4.89	
62 1,2-Dichloropropane	63	5.617	5.617	-0.001	73	34893	5.43	
64 Methyl methacrylate	41		5.675					
65 Dibromomethane	93	5.711	5.712	-0.001	79	19524	5.18	
66 1,4-Dioxane	88	5.711	5.712	-0.001	65	15280	221.9	
67 Dichlorobromomethane	83	5.829	5.818	0.011	86	35528	4.91	
68 2-Nitropropane	41		5.994					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.184	6.185	-0.001	58	35818	4.53	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.303	0.0	94	104045	9.97	
72 Toluene	91	6.480	6.480	0.0	92	139969	5.30	
73 trans-1,3-Dichloropropene	75	6.646	6.646	0.0	83	29860	4.55	
74 Ethyl methacrylate	69	6.705	6.705	0.0	82	33513	4.66	
75 1,1,2-Trichloroethane	97	6.811	6.800	0.011	89	28549	5.16	
77 Tetrachloroethene	164	6.965	6.954	0.011	90	28377	5.05	
76 1,3-Dichloropropane	76	6.953	6.954	-0.001	85	48981	5.48	
78 2-Hexanone	43	7.000	7.001	-0.001	94	68678	9.61	
132 n-Butyl acetate	43	7.107	7.106	0.001	54	9006	0	
79 Chlorodibromomethane	129	7.154	7.155	-0.001	70	25919	4.26	
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107	7.273	7.273	-0.001	80	27580	5.07	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
81 1-Chlorohexane	91		7.663					9
82 Chlorobenzene	112	7.710	7.711	-0.001	91	98678	5.46	
83 1,1,1,2-Tetrachloroethane	131	7.769	7.770	-0.001	78	30526	5.25	
84 Ethylbenzene	106	7.793	7.793	0.0	96	47142	5.18	
10 m-Xylene & p-Xylene	106	7.899	7.900	-0.001	98	116651	10.7	
85 o-Xylene	106	8.266	8.267	0.0	89	56629	5.43	
86 Styrene	104	8.278	8.278	0.0	85	89269	5.31	
87 Bromoform	173	8.455	8.456	-0.001	77	13868	4.30	
88 Isopropylbenzene	105	8.609	8.610	-0.001	94	137929	5.22	
89 Cyclohexanone	55		8.703					9
90 1,1,2,2-Tetrachloroethane	83	8.869	8.870	-0.001	79	34098	5.35	
91 Bromobenzene	156	8.917	8.917	0.0	80	41887	5.27	
92 1,2,3-Trichloropropane	110	8.929	8.929	-0.001	71	12549	5.10	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.929	-0.001	50	12606	4.63	
94 N-Propylbenzene	120	8.999	9.000	-0.001	96	35239	4.68	
95 2-Chlorotoluene	126	9.094	9.095	0.0	95	35957	5.18	
96 1,3,5-Trimethylbenzene	105	9.165	9.165	0.0	90	111393	5.11	
104 4-Chlorotoluene	126	9.201	9.189	0.012	93	35188	4.84	
97 tert-Butylbenzene	119	9.484	9.485	-0.001	88	114932	5.54	
98 1,2,4-Trimethylbenzene	105	9.532	9.532	0.0	74	111227	5.09	
99 sec-Butylbenzene	105	9.697	9.698	-0.001	87	135957	4.99	
100 1,3-Dichlorobenzene	146	9.816	9.816	0.0	90	73349	5.00	
101 4-Isopropyltoluene	119	9.839	9.840	-0.001	81	111770	4.89	
102 1,4-Dichlorobenzene	146	9.898	9.899	-0.001	87	76267	4.98	
103 1,2,3-Trimethylbenzene	105		9.945					
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91	10.241	10.242	-0.001	94	80944	4.29	
106 1,2-Dichlorobenzene	146	10.265	10.266	-0.001	94	72158	5.24	
107 1,2-Dibromo-3-Chloropropane	157	11.022	11.023	-0.001	13	5393	5.27	
108 1,3,5-Trichlorobenzene	180	11.247	11.247	0.0	89	39896	4.76	
109 1,2,4-Trichlorobenzene	180	11.862	11.862	0.0	86	35352	5.02	
110 Hexachlorobutadiene	225	12.028	12.028	0.0	76	18767	0.9882	
111 Naphthalene	128	12.099	12.111	-0.012	90	109199	6.54	
112 1,2,3-Trichlorobenzene	180	12.359	12.359	0.0	84	38022	5.56	
113 2-Methylnaphthalene	142		13.423					9
S 136 Trihalomethanes, Total	1				0		18.9	
S 11 1,2-Dichloroethene, Total	96				0		10.7	
S 9 1,3-Dichloropropene, Total	75				0		9.08	
S 114 Xylenes, Total	106				0		16.1	
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

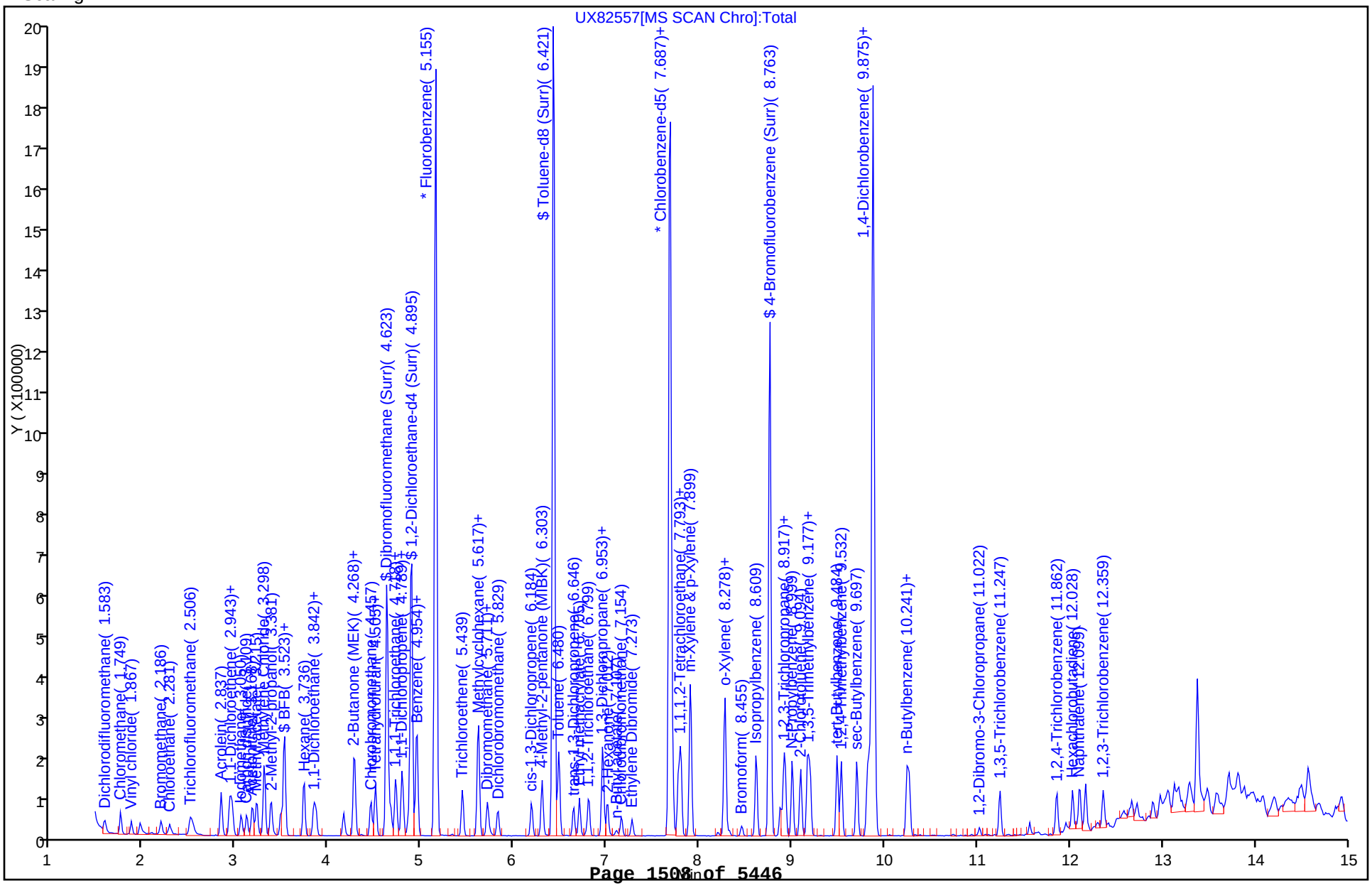
Report Date: 20-Dec-2012 03:33:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82557.D

Injection Date:	17-Dec-2012 10:34:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	33
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO MS Lab Sample ID: 240-18544-1 MS

Matrix: Solid Lab File ID: UX82446.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 09:22

Sample wt/vol: 5.794(g) Date Analyzed: 12/14/2012 07:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.2 Level: (low/med) Low

Analysis Batch No.: 68663 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	24.9		4.9	0.49	0.22
100-41-4	Ethylbenzene	23.5		4.9	0.49	0.25
1634-04-4	Methyl tert-butyl ether	22.4		4.9	0.49	0.42
108-88-3	Toluene	23.8		4.9	0.49	0.26
1330-20-7	Xylenes, Total	71.7		9.7	1.5	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	81	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	85		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	77		61-130
2037-26-5	Toluene-d8 (Surr)	89		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82446.D
Lims ID: 240-18544-F-1-A MS Client ID: 072SB-0063-0002-SO
Inject. Date: 14-Dec-2012 07:32:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015834-025
Misc. Info.: M21213A,8260SUX8,,402279 =M21213A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 24
Lims Batch ID: 68663 Lims Sample ID: 25
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\8260_8.m
Last Update: 18-Dec-2012 01:32:10 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 14-Dec-2012 23:00:45

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.157	5.155	0.002	100	1764646	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.686	-0.009	97	1219412	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.874	0.003	99	566973	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.625	0.0	58	423325	42.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.885	4.885	0.0	95	512091	38.7	
$ 7 Toluene-d8 (Surr)	98	6.423	6.423	0.0	94	1552946	44.6	
$ 131 4-Bromofluorobenzene (Surr)	95	8.753	8.753	0.0	92	499158	40.7	
12 Dichlorodifluoromethane	85	1.573	1.573	0.0	96	126154	21.8	
13 Chloromethane	50	1.751	1.750	0.001	100	245755	22.1	
14 Vinyl chloride	62	1.869	1.869	0.0	99	150885	23.3	
15 Bromomethane	94	2.188	2.176	0.012	91	77304	28.0	
16 Chloroethane	64	2.283	2.271	0.012	90	90759	23.9	
18 Trichlorofluoromethane	101	2.508	2.508	0.0	95	220808	29.0	
19 Ethyl ether	59	2.732	2.742	-0.010	95	203084	23.3	
20 Acrolein	56	2.839	2.839	0.0	93	89028	45.6	
21 1,1-Dichloroethene	96	2.922	2.922	0.0	94	149066	25.7	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.945	2.945	0.0	90	129940	25.6	
22 Acetone	43	2.957	2.957	0.0	97	223522	45.9	
24 Iodomethane	142	3.052	3.052	0.0	98	302013	26.0	
26 Carbon disulfide	76	3.111	3.111	0.0	98	419023	24.7	
27 Acetonitrile	41	3.170	3.170	0.0	98	117904	62.6	
28 Methyl acetate	43	3.217	3.217	0.0	97	238628	20.6	
30 Methylene Chloride	84	3.300	3.300	0.0	93	219751	26.3	
31 2-Methyl-2-propanol	59	3.371	3.371	0.0	87	328076	383.5	
32 Acrylonitrile	53	3.478	3.477	0.001	96	311582	63.6	
34 Methyl tert-butyl ether	73	3.513	3.513	0.0	84	460500	23.0	
33 trans-1,2-Dichloroethene	96	3.525	3.513	0.012	74	181413	26.9	
35 Hexane	86	3.726	3.726	0.0	95	50656	25.3	
36 1,1-Dichloroethane	63	3.832	3.832	0.0	95	339392	25.3	
37 Vinyl acetate	86	3.856	3.856	0.0	97	34274	23.3	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	3.880	3.877	0.003	96	168493	26.5	
41 2-Butanone (MEK)	43	4.270	4.270	0.0	94	285827	39.7	
42 cis-1,2-Dichloroethene	96	4.270	4.270	0.0	88	202735	25.9	
43 2,2-Dichloropropane	77	4.282	4.282	0.0	73	119945	22.1	
47 Chlorobromomethane	128	4.459	4.447	0.012	91	108374	24.1	
48 Tetrahydrofuran	42	4.495	4.495	0.0	88	88417	19.7	
49 Chloroform	83	4.507	4.507	0.0	98	307545	24.5	
50 1,1,1-Trichloroethane	97	4.660	4.660	0.0	91	225243	22.7	
51 Cyclohexane	56	4.720	4.719	0.001	98	351318	21.7	
52 1,1-Dichloropropene	75	4.791	4.790	0.001	82	219395	24.9	
53 Carbon tetrachloride	117	4.802	4.802	0.0	87	204843	21.9	
54 Isobutyl alcohol	41	4.814	4.812	0.002	93	465790	1030.8	
56 1,2-Dichloroethane	62	4.944	4.944	0.0	61	307445	23.8	
55 Benzene	78	4.944	4.944	0.0	93	675574	25.6	
60 Trichloroethene	130	5.441	5.441	0.0	92	195461	24.1	
63 Methylcyclohexane	83	5.607	5.607	0.0	92	280224	23.0	
62 1,2-Dichloropropane	63	5.619	5.618	0.001	84	187873	24.8	
65 Dibromomethane	93	5.713	5.713	0.0	82	113379	26.2	
67 Dichlorobromomethane	83	5.820	5.820	0.0	96	210931	24.9	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.186	6.186	0.0	80	200576	20.5	
71 4-Methyl-2-pentanone (MIBK)	43	6.305	6.304	0.001	98	491776	38.1	
72 Toluene	91	6.482	6.482	0.0	93	720032	24.5	
73 trans-1,3-Dichloropropene	75	6.636	6.636	0.0	86	172825	20.0	
75 1,1,2-Trichloroethane	97	6.801	6.801	0.0	96	144970	23.8	
76 1,3-Dichloropropane	76	6.955	6.955	0.0	89	241399	23.6	
77 Tetrachloroethene	164	6.955	6.955	0.0	84	148161	24.3	
78 2-Hexanone	43	7.003	7.002	0.001	96	317924	36.4	
79 Chlorodibromomethane	129	7.156	7.156	0.0	90	153291	21.2	
123 Ethylene Dibromide	107	7.275	7.274	0.001	99	142467	22.3	
82 Chlorobenzene	112	7.712	7.712	0.0	94	475367	23.2	
83 1,1,1,2-Tetrachloroethane	131	7.771	7.771	0.0	86	156214	23.6	
84 Ethylbenzene	106	7.795	7.795	0.0	98	242812	24.2	
10 m-Xylene & p-Xylene	106	7.902	7.901	0.001	98	598748	49.2	
85 o-Xylene	106	8.268	8.268	0.0	89	282729	24.6	
86 Styrene	104	8.280	8.280	0.0	89	465995	23.8	
87 Bromoform	173	8.457	8.457	0.0	95	78024	19.7	
88 Isopropylbenzene	105	8.611	8.611	0.0	96	701503	23.4	
89 Cyclohexanone	55	8.694	8.703	-0.009	95	189553	85.5	
90 1,1,2,2-Tetrachloroethane	83	8.871	8.871	0.0	95	151575	23.1	
91 Bromobenzene	156	8.919	8.907	0.012	88	191469	23.0	
92 1,2,3-Trichloropropane	110	8.931	8.930	0.001	77	61911	25.0	
93 trans-1,4-Dichloro-2-butene	53	8.931	8.930	0.001	79	123147	41.9	
94 N-Propylbenzene	120	9.002	9.001	0.001	98	200950	24.6	
95 2-Chlorotoluene	126	9.096	9.096	0.0	97	175263	24.5	
96 1,3,5-Trimethylbenzene	105	9.167	9.167	0.0	87	545957	23.8	
104 4-Chlorotoluene	126	9.191	9.191	0.0	98	179240	24.2	
97 tert-Butylbenzene	119	9.487	9.486	0.001	87	496734	23.0	
98 1,2,4-Trimethylbenzene	105	9.534	9.534	0.0	77	550166	24.7	
99 sec-Butylbenzene	105	9.699	9.699	0.0	93	648299	22.9	
100 1,3-Dichlorobenzene	146	9.818	9.818	0.0	96	320445	21.5	
101 4-Isopropyltoluene	119	9.841	9.841	0.0	91	571638	22.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	9.901	9.900	0.001	93	333712	21.4	
103 1,2,3-Trimethylbenzene	105	9.948	9.945	0.003	89	524168	23.1	
105 n-Butylbenzene	91	10.244	10.232	0.012	96	418712	21.3	
106 1,2-Dichlorobenzene	146	10.267	10.267	0.0	97	284682	20.1	
107 1,2-Dibromo-3-Chloropropane	157	11.024	11.024	0.0	57	18725	18.4	
109 1,2,4-Trichlorobenzene	180	11.852	11.852	0.0	92	97870	13.7	
110 Hexachlorobutadiene	225	12.030	12.029	0.001	90	58405	21.5	
111 Naphthalene	128	12.101	12.100	0.001	96	203074	12.3	
112 1,2,3-Trichlorobenzene	180	12.361	12.361	0.0	94	79874	14.0	
S 136 Trihalomethanes, Total	1				0		90.3	
S 11 1,2-Dichloroethene, Total	96				0		52.8	
S 114 Xylenes, Total	106				0		73.7	

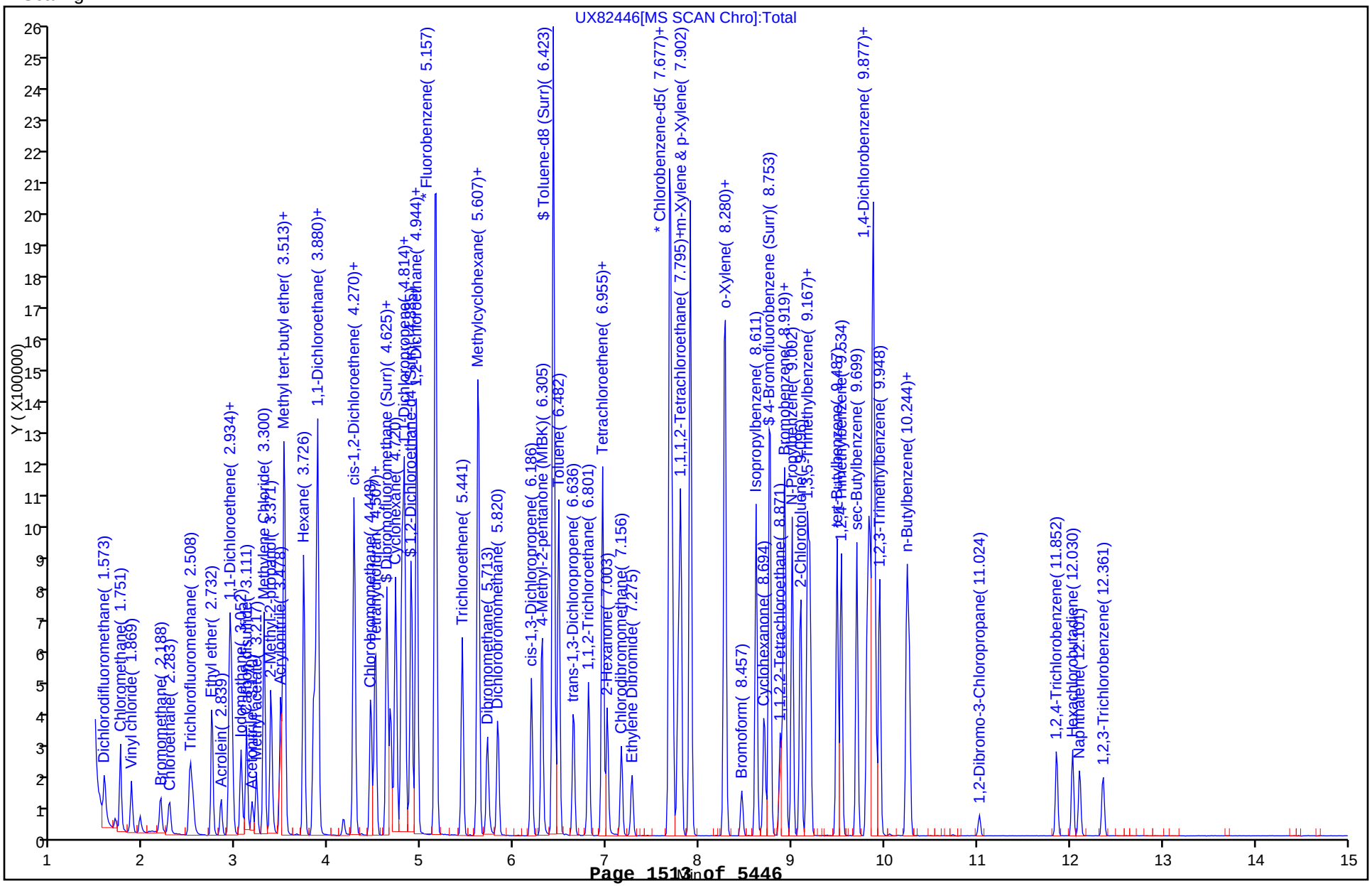
Report Date: 18-Dec-2012 01:32:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82446.D

Injection Date:	14-Dec-2012 07:32:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0063-0002-SO	Instrument ID:	A3UX8
Lims Batch ID:	68663	Lims Sample ID:	25
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO MS | Lab Sample ID: 240-18544-7 MS

Matrix: Solid | Lab File ID: UX82473.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 14:40

Sample wt/vol: 4.486(g) | Date Analyzed: 12/15/2012 03:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	51.0		25	7.9	7.9
71-43-2	Benzene	30.9		6.2	0.62	0.29
74-97-5	Bromochloromethane	28.6		6.2	1.2	0.89
75-27-4	Bromodichloromethane	29.9		6.2	0.62	0.35
75-25-2	Bromoform	23.6		6.2	0.62	0.41
74-83-9	Bromomethane	26.4		6.2	1.2	0.67
78-93-3	2-Butanone (MEK)	49.1		25	2.5	1.7
75-15-0	Carbon disulfide	32.5		6.2	0.62	0.55
56-23-5	Carbon tetrachloride	32.7		6.2	0.62	0.46
108-90-7	Chlorobenzene	29.6		6.2	0.62	0.41
75-00-3	Chloroethane	28.9		6.2	1.2	1.1
67-66-3	Chloroform	29.6		6.2	0.62	0.36
74-87-3	Chloromethane	29.1		6.2	0.62	0.51
10061-01-5	cis-1,3-Dichloropropene	26.8		6.2	0.62	0.42
124-48-1	Dibromochloromethane	28.0		6.2	1.2	0.69
106-93-4	1,2-Dibromoethane	30.5		6.2	1.2	0.62
75-34-3	1,1-Dichloroethane	30.4		6.2	0.62	0.45
107-06-2	1,2-Dichloroethane	29.2		6.2	0.62	0.42
75-35-4	1,1-Dichloroethene	34.7		6.2	1.2	0.65
540-59-0	1,2-Dichloroethene, Total	62.7		12	1.2	0.96
78-87-5	1,2-Dichloropropane	30.1		6.2	1.2	0.86
100-41-4	Ethylbenzene	31.2		6.2	0.62	0.32
591-78-6	2-Hexanone	48.9		25	1.2	0.79
75-09-2	Methylene Chloride	30.3		6.2	1.2	0.84
108-10-1	4-Methyl-2-pentanone (MIBK)	49.3		25	1.2	0.67
100-42-5	Styrene	31.8		6.2	0.62	0.19
79-34-5	1,1,2,2-Tetrachloroethane	30.7		6.2	0.62	0.42
127-18-4	Tetrachloroethene	32.6		6.2	1.2	0.65
108-88-3	Toluene	33.3		6.2	0.62	0.34
10061-02-6	trans-1,3-Dichloropropene	25.1		6.2	1.2	0.67
71-55-6	1,1,1-Trichloroethane	32.1		6.2	1.2	0.70
79-00-5	1,1,2-Trichloroethane	29.5		6.2	0.62	0.49
79-01-6	Trichloroethene	31.3		6.2	0.62	0.52
75-01-4	Vinyl chloride	30.5		6.2	0.62	0.49
1330-20-7	Xylenes, Total	96.9		12	1.9	0.84

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO MS Lab Sample ID: 240-18544-7 MS

Matrix: Solid Lab File ID: UX82473.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 14:40

Sample wt/vol: 4.486(g) Date Analyzed: 12/15/2012 03:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	98		85-120
1868-53-7	Dibromofluoromethane (Surr)	102		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		61-130
2037-26-5	Toluene-d8 (Surr)	110		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82473.D
Lims ID: 240-18544-F-7-A MS Client ID: 076SB-0090M-0002-SO
Inject. Date: 15-Dec-2012 03:55:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015873-020
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 19
Lims Batch ID: 68830 Lims Sample ID: 20
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 04:26:02

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.158	-0.003	100	1650424	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.678	0.008	97	1094527	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	99	491493	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.626	-0.003	58	417040	50.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.886	-0.003	96	494828	47.9	
$ 7 Toluene-d8 (Surr)	98	6.421	6.424	-0.003	95	1486623	55.1	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.754	0.009	94	465080	49.1	
12 Dichlorodifluoromethane	85	1.583	1.574	0.009	96	124793	21.6	
13 Chloromethane	50	1.748	1.752	-0.004	100	238607	23.3	
14 Vinyl chloride	62	1.867	1.870	-0.003	83	154822	24.5	
15 Bromomethane	94	2.186	2.177	0.009	89	75463	21.2	
16 Chloroethane	64	2.281	2.272	0.009	95	89290	23.1	
18 Trichlorofluoromethane	101	2.505	2.509	-0.004	96	206988	27.2	
19 Ethyl ether	59	2.742	2.734	0.008	93	188209	23.1	
20 Acrolein	56	2.837	2.840	-0.003	90	71972	38.5	
21 1,1-Dichloroethene	96	2.931	2.923	0.008	96	146710	27.8	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.943	2.946	-0.003	83	139129	29.4	
22 Acetone	43	2.955	2.958	-0.003	96	184626	40.9	
24 Iodomethane	142	3.050	3.053	-0.003	99	290615	25.8	
26 Carbon disulfide	76	3.109	3.112	-0.003	98	406841	26.1	
27 Acetonitrile	41	3.168	3.171	-0.003	98	110250	63.0	
28 Methyl acetate	43	3.215	3.218	-0.003	98	294785	28.3	
30 Methylene Chloride	84	3.298	3.301	-0.003	92	181797	24.3	
31 2-Methyl-2-propanol	59	3.381	3.372	0.009	92	328930	403.0	
32 Acrylonitrile	53	3.475	3.479	-0.004	96	285744	66.2	
34 Methyl tert-butyl ether	73	3.523	3.514	0.009	87	439046	22.5	
33 trans-1,2-Dichloroethene	96	3.523	3.526	-0.003	71	172985	25.7	
35 Hexane	86	3.736	3.727	0.009	95	48280	26.1	
36 1,1-Dichloroethane	63	3.830	3.833	-0.003	86	311759	24.4	
37 Vinyl acetate	86	3.866	3.857	0.009	90	15000	10.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	3.878	3.881	-0.003	97	148815	25.0	
42 cis-1,2-Dichloroethene	96	4.268	4.271	-0.003	87	188800	24.5	
41 2-Butanone (MEK)	43	4.268	4.271	-0.003	93	256123	39.4	
43 2,2-Dichloropropane	77	4.280	4.283	-0.003	66	138630	27.1	
47 Chlorobromomethane	128	4.457	4.449	0.009	92	100468	22.9	
48 Tetrahydrofuran	42	4.493	4.496	-0.003	91	83219	21.1	
49 Chloroform	83	4.504	4.508	-0.004	98	287110	23.7	
50 1,1,1-Trichloroethane	97	4.670	4.661	0.009	90	230363	25.8	
51 Cyclohexane	56	4.717	4.721	-0.004	98	366947	26.2	
52 1,1-Dichloropropene	75	4.788	4.792	-0.004	82	220651	26.5	
53 Carbon tetrachloride	117	4.800	4.803	-0.003	89	215078	26.2	
54 Isobutyl alcohol	41	4.812	4.815	-0.003	92	463223	1096.0	
55 Benzene	78	4.954	4.945	0.009	93	640298	24.8	
56 1,2-Dichloroethane	62	4.942	4.945	-0.003	60	276610	23.4	
60 Trichloroethene	130	5.439	5.442	-0.003	93	196924	25.1	
63 Methylcyclohexane	83	5.605	5.608	-0.003	90	286980	25.9	
62 1,2-Dichloropropane	63	5.616	5.620	-0.004	78	171972	24.1	
65 Dibromomethane	93	5.711	5.714	-0.003	83	99704	23.9	
67 Dichlorobromomethane	83	5.817	5.821	-0.004	95	192162	24.0	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.184	6.187	-0.003	79	188100	21.5	
71 4-Methyl-2-pentanone (MIBK)	43	6.302	6.306	-0.004	98	456994	39.5	
72 Toluene	91	6.480	6.483	-0.003	97	723149	26.7	
73 trans-1,3-Dichloropropene	75	6.645	6.637	0.008	90	161317	20.1	
75 1,1,2-Trichloroethane	97	6.799	6.802	-0.003	95	134065	23.6	
77 Tetrachloroethene	164	6.965	6.956	0.009	96	150534	26.2	
76 1,3-Dichloropropane	76	6.953	6.956	-0.003	92	220018	24.0	
78 2-Hexanone	43	7.000	7.003	-0.003	96	287119	39.2	
79 Chlorodibromomethane	129	7.154	7.157	-0.003	89	139798	22.4	
123 Ethylene Dibromide	107	7.272	7.276	-0.004	97	136395	24.5	
82 Chlorobenzene	112	7.710	7.713	-0.003	94	440316	23.8	
83 1,1,1,2-Tetrachloroethane	131	7.769	7.772	-0.003	84	145486	24.4	
84 Ethylbenzene	106	7.805	7.796	0.009	98	233501	25.0	
10 m-Xylene & p-Xylene	106	7.899	7.902	-0.003	98	579422	51.7	
85 o-Xylene	106	8.266	8.269	-0.003	89	277310	26.0	
86 Styrene	104	8.278	8.281	-0.003	89	438448	25.5	
87 Bromoform	173	8.455	8.458	-0.003	96	75069	18.9	
88 Isopropylbenzene	105	8.609	8.612	-0.003	96	699191	25.8	
89 Cyclohexanone	55	8.704	8.695	0.009	95	107895	54.2	
90 1,1,2,2-Tetrachloroethane	83	8.869	8.872	-0.003	81	139926	24.6	
91 Bromobenzene	156	8.917	8.908	0.008	87	182320	25.7	
92 1,2,3-Trichloropropane	110	8.928	8.920	0.008	77	57685	26.2	
93 trans-1,4-Dichloro-2-butene	53	8.928	8.932	-0.004	79	116860	48.0	
94 N-Propylbenzene	120	8.999	9.002	-0.003	99	192472	28.6	
95 2-Chlorotoluene	126	9.094	9.097	-0.003	97	166881	26.9	
96 1,3,5-Trimethylbenzene	105	9.165	9.168	-0.003	85	539172	27.7	
104 4-Chlorotoluene	126	9.189	9.192	-0.003	98	175091	27.0	
97 tert-Butylbenzene	119	9.484	9.487	-0.003	93	546705	29.5	
98 1,2,4-Trimethylbenzene	105	9.532	9.535	-0.003	77	541403	27.7	
99 sec-Butylbenzene	105	9.697	9.700	-0.003	93	640637	26.3	
100 1,3-Dichlorobenzene	146	9.815	9.819	-0.004	84	313561	23.9	
101 4-Isopropyltoluene	119	9.839	9.842	-0.003	91	565364	27.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	9.898	9.901	-0.003	93	322173	23.6	
103 1,2,3-Trimethylbenzene	105	9.946	9.949	-0.003	89	512063	26.0	
105 n-Butylbenzene	91	10.241	10.233	0.008	96	415691	24.7	
106 1,2-Dichlorobenzene	146	10.265	10.268	-0.003	98	275478	22.4	
107 1,2-Dibromo-3-Chloropropane	157	11.022	11.025	-0.003	54	17889	19.5	
109 1,2,4-Trichlorobenzene	180	11.862	11.853	0.009	88	102195	16.2	
110 Hexachlorobutadiene	225	12.027	12.031	-0.004	89	47756	20.4	
111 Naphthalene	128	12.110	12.102	0.008	95	192967	12.9	
112 1,2,3-Trichlorobenzene	180	12.359	12.362	-0.003	92	73635	15.7	
S 136 Trihalomethanes, Total	1				0		89.1	
S 11 1,2-Dichloroethene, Total	96				0		50.3	
S 114 Xylenes, Total	106				0		77.7	

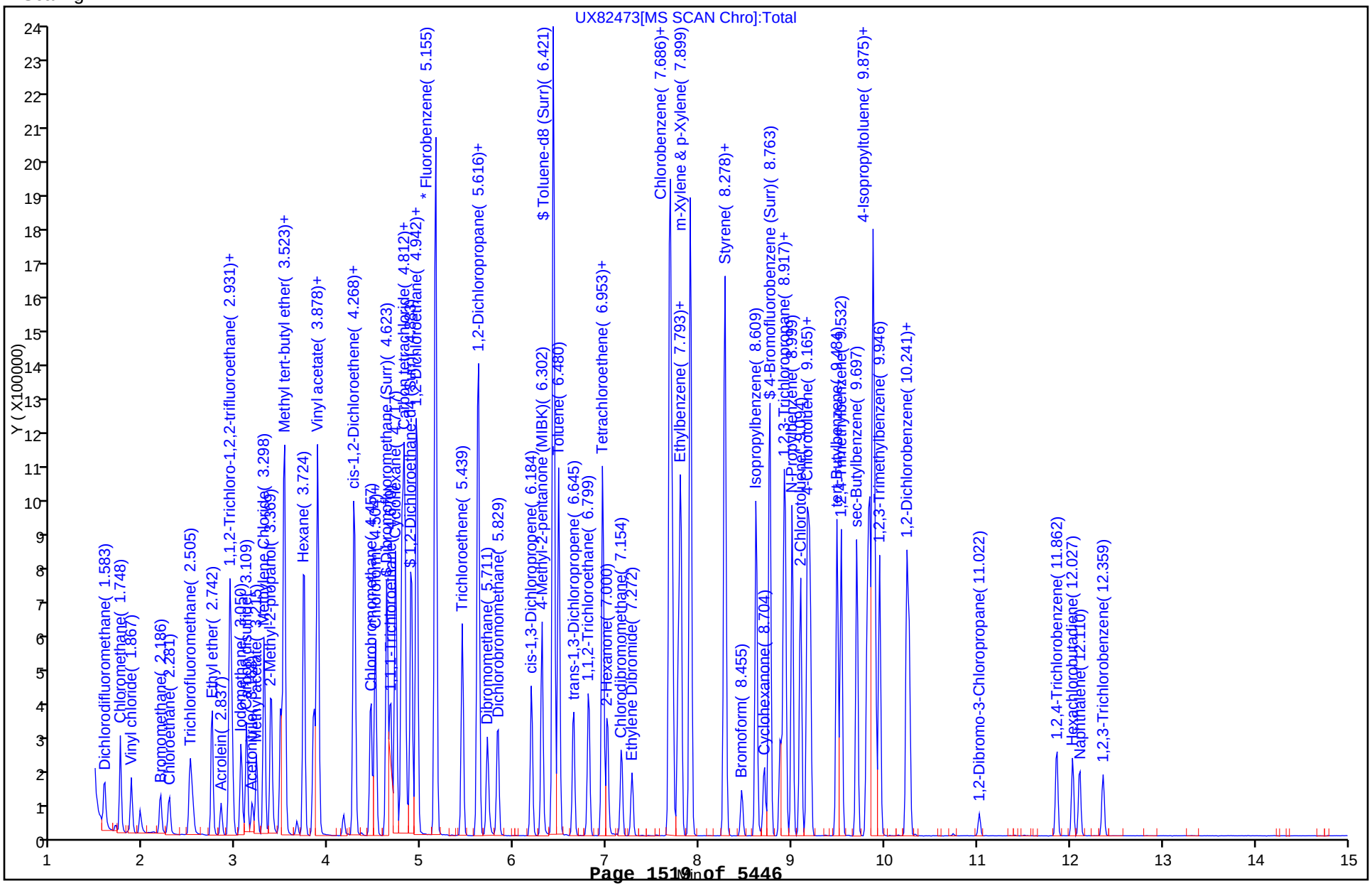
Report Date: 18-Dec-2012 02:06:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82473.D

Injection Date:	15-Dec-2012 03:55:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0090M-0002-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	20
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO MS | Lab Sample ID: 240-18544-8 MS

Matrix: Solid | Lab File ID: UX82503.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 14:40

Sample wt/vol: 4.265(g) | Date Analyzed: 12/15/2012 21:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.0 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	63.0		25	7.9	7.9
71-43-2	Benzene	33.1		6.3	0.63	0.29
74-97-5	Bromochloromethane	30.5		6.3	1.3	0.90
75-27-4	Bromodichloromethane	33.3		6.3	0.63	0.35
75-25-2	Bromoform	26.7		6.3	0.63	0.42
74-83-9	Bromomethane	24.8		6.3	1.3	0.68
78-93-3	2-Butanone (MEK)	62.4		25	2.5	1.8
75-15-0	Carbon disulfide	34.1		6.3	0.63	0.55
56-23-5	Carbon tetrachloride	33.5		6.3	0.63	0.47
108-90-7	Chlorobenzene	31.3		6.3	0.63	0.42
75-00-3	Chloroethane	28.9		6.3	1.3	1.1
67-66-3	Chloroform	31.8		6.3	0.63	0.37
74-87-3	Chloromethane	28.7		6.3	0.63	0.52
10061-01-5	cis-1,3-Dichloropropene	30.0		6.3	0.63	0.43
124-48-1	Dibromochloromethane	31.0		6.3	1.3	0.69
106-93-4	1,2-Dibromoethane	32.5		6.3	1.3	0.63
75-34-3	1,1-Dichloroethane	32.8		6.3	0.63	0.45
107-06-2	1,2-Dichloroethane	32.3		6.3	0.63	0.43
75-35-4	1,1-Dichloroethene	37.8		6.3	1.3	0.66
540-59-0	1,2-Dichloroethene, Total	65.2		13	1.3	0.97
78-87-5	1,2-Dichloropropane	31.9		6.3	1.3	0.87
100-41-4	Ethylbenzene	32.5		6.3	0.63	0.33
591-78-6	2-Hexanone	61.6		25	1.3	0.79
75-09-2	Methylene Chloride	32.0		6.3	1.3	0.84
108-10-1	4-Methyl-2-pentanone (MIBK)	62.2		25	1.3	0.68
100-42-5	Styrene	33.3		6.3	0.63	0.19
79-34-5	1,1,2,2-Tetrachloroethane	33.3		6.3	0.63	0.43
127-18-4	Tetrachloroethene	33.4		6.3	1.3	0.66
108-88-3	Toluene	35.0		6.3	0.63	0.34
10061-02-6	trans-1,3-Dichloropropene	27.4		6.3	1.3	0.68
71-55-6	1,1,1-Trichloroethane	33.6		6.3	1.3	0.71
79-00-5	1,1,2-Trichloroethane	31.6		6.3	0.63	0.49
79-01-6	Trichloroethene	32.1		6.3	0.63	0.53
75-01-4	Vinyl chloride	30.3		6.3	0.63	0.49
1330-20-7	Xylenes, Total	98.5		13	1.9	0.84

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO MS Lab Sample ID: 240-18544-8 MS

Matrix: Solid Lab File ID: UX82503.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 14:40

Sample wt/vol: 4.265(g) Date Analyzed: 12/15/2012 21:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.0 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	94		85-120
1868-53-7	Dibromofluoromethane (Surr)	99		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		61-130
2037-26-5	Toluene-d8 (Surr)	100		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82503.D
Lims ID: 240-18544-F-8-A MS Client ID: 076SB-0091M-0002-SO
Inject. Date: 15-Dec-2012 21:00:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015886-012
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 11
Lims Batch ID: 68879 Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 16-Dec-2012 23:37:45

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.147	0.009	100	1632706	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	97	1131723	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	99	527699	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.624	0.0	58	402042	49.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.884	0.0	96	490301	48.0	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	94	1419194	50.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.763	0.001	95	464963	47.1	
12 Dichlorodifluoromethane	85	1.584	1.572	0.012	96	118165	20.7	
13 Chloromethane	50	1.749	1.749	0.0	100	230369	22.7	
14 Vinyl chloride	62	1.867	1.867	0.0	99	150596	24.1	
15 Bromomethane	94	2.187	2.187	0.0	91	69273	19.6	
16 Chloroethane	64	2.281	2.281	0.0	93	87517	22.9	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	97	209712	27.9	
19 Ethyl ether	59	2.743	2.734	0.009	94	204819	25.4	
20 Acrolein	56	2.837	2.837	0.0	92	102433	55.3	
21 1,1-Dichloroethene	96	2.932	2.932	0.0	96	156599	30.0	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.944	0.0	90	133655	28.6	
22 Acetone	43	2.956	2.956	0.0	95	218051	50.0	
24 Iodomethane	142	3.050	3.050	0.0	99	296994	26.6	
26 Carbon disulfide	76	3.109	3.109	0.0	98	416643	27.0	
27 Acetonitrile	41	3.169	3.169	0.0	99	137008	79.1	
28 Methyl acetate	43	3.216	3.216	0.0	98	317795	30.8	
30 Methylene Chloride	84	3.299	3.299	0.0	92	187324	25.4	
31 2-Methyl-2-propanol	59	3.370	3.382	-0.012	89	409144	506.8	
32 Acrylonitrile	53	3.476	3.476	0.0	97	351193	82.3	
34 Methyl tert-butyl ether	73	3.523	3.523	0.0	86	491513	25.5	
33 trans-1,2-Dichloroethene	96	3.523	3.523	0.0	71	175570	26.4	
35 Hexane	86	3.736	3.736	0.0	95	53336	29.1	
36 1,1-Dichloroethane	63	3.831	3.831	0.0	98	329663	26.1	
37 Vinyl acetate	86	3.867	3.855	0.011	95	25714	17.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	3.878	3.881	-0.003	95	158334	26.9	
42 cis-1,2-Dichloroethene	96	4.269	4.269	0.0	87	192827	25.3	
41 2-Butanone (MEK)	43	4.269	4.269	0.0	95	318828	49.5	
43 2,2-Dichloropropane	77	4.281	4.280	0.0	74	136321	27.0	
47 Chlorobromomethane	128	4.458	4.458	0.0	93	105079	24.2	
48 Tetrahydrofuran	42	4.493	4.493	0.0	90	104241	26.8	
49 Chloroform	83	4.505	4.505	0.0	98	302045	25.2	
50 1,1,1-Trichloroethane	97	4.671	4.671	0.0	94	235973	26.7	
51 Cyclohexane	56	4.718	4.718	0.0	97	370635	26.7	
52 1,1-Dichloropropene	75	4.789	4.789	0.0	83	222685	27.0	
53 Carbon tetrachloride	117	4.801	4.801	0.0	88	215448	26.6	
54 Isobutyl alcohol	41	4.813	4.816	-0.003	93	542752	1298.1	
56 1,2-Dichloroethane	62	4.943	4.943	0.0	60	298899	25.6	
55 Benzene	78	4.943	4.943	0.0	94	670325	26.2	
60 Trichloroethene	130	5.440	5.440	0.0	94	197818	25.5	
63 Methylcyclohexane	83	5.605	5.605	0.0	89	293759	26.8	
62 1,2-Dichloropropane	63	5.617	5.617	0.0	86	178176	25.3	
65 Dibromomethane	93	5.712	5.712	0.0	82	109554	26.5	
67 Dichlorobromomethane	83	5.818	5.830	-0.012	96	209568	26.4	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.185	0.0	81	206127	23.8	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.303	0.0	98	564676	49.3	
72 Toluene	91	6.481	6.481	0.0	97	776208	27.7	
73 trans-1,3-Dichloropropene	75	6.646	6.646	0.0	91	180421	21.7	
75 1,1,2-Trichloroethane	97	6.800	6.800	0.0	97	147127	25.1	
76 1,3-Dichloropropane	76	6.954	6.954	0.0	90	245328	25.9	
77 Tetrachloroethene	164	6.954	6.966	-0.012	89	157711	26.5	
78 2-Hexanone	43	7.001	7.001	0.0	97	369565	48.8	
79 Chlorodibromomethane	129	7.155	7.155	0.0	89	158479	24.6	
123 Ethylene Dibromide	107	7.273	7.273	0.0	98	148571	25.8	
82 Chlorobenzene	112	7.711	7.711	0.0	95	476054	24.9	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.770	0.0	83	158394	25.7	
84 Ethylbenzene	106	7.794	7.794	0.0	98	248390	25.7	
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	99	603606	52.1	
85 o-Xylene	106	8.267	8.267	0.0	90	287308	26.0	
86 Styrene	104	8.279	8.279	0.0	85	470308	26.4	
87 Bromoform	173	8.456	8.456	0.0	96	87150	21.2	
88 Isopropylbenzene	105	8.610	8.610	0.0	96	731919	26.1	
89 Cyclohexanone	55	8.704	8.695	0.009	95	107457	52.2	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.870	0.0	89	161408	26.4	
91 Bromobenzene	156	8.917	8.917	0.0	88	196219	25.7	
92 1,2,3-Trichloropropane	110	8.929	8.929	0.0	76	66439	28.1	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.929	0.0	79	144013	55.1	
94 N-Propylbenzene	120	9.000	9.000	0.0	98	210156	29.1	
95 2-Chlorotoluene	126	9.095	9.095	0.0	97	173921	26.1	
96 1,3,5-Trimethylbenzene	105	9.166	9.166	0.0	87	570004	27.3	
104 4-Chlorotoluene	126	9.189	9.189	0.0	98	186404	26.7	
97 tert-Butylbenzene	119	9.485	9.485	0.0	89	565843	28.4	
98 1,2,4-Trimethylbenzene	105	9.532	9.532	0.0	77	571227	27.3	
99 sec-Butylbenzene	105	9.698	9.698	0.0	94	688371	26.3	
100 1,3-Dichlorobenzene	146	9.816	9.816	0.0	84	347223	24.6	
101 4-Isopropyltoluene	119	9.840	9.840	0.0	91	602436	27.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	9.899	9.899	0.0	94	357719	24.4	
103 1,2,3-Trimethylbenzene	105	9.946	9.949	-0.003	88	533682	25.3	
105 n-Butylbenzene	91	10.242	10.242	0.0	97	470768	26.0	
106 1,2-Dichlorobenzene	146	10.266	10.266	0.0	98	309064	23.4	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.023	0.0	52	21005	21.4	
109 1,2,4-Trichlorobenzene	180	11.863	11.863	0.0	93	114180	16.9	
110 Hexachlorobutadiene	225	12.028	12.028	0.0	92	59737	24.9	
111 Naphthalene	128	12.111	12.099	0.012	96	244020	15.2	
112 1,2,3-Trichlorobenzene	180	12.359	12.359	0.0	94	90604	18.4	
S 136 Trihalomethanes, Total	1				0		97.4	
S 11 1,2-Dichloroethene, Total	96				0		51.7	
S 114 Xylenes, Total	106				0		78.1	

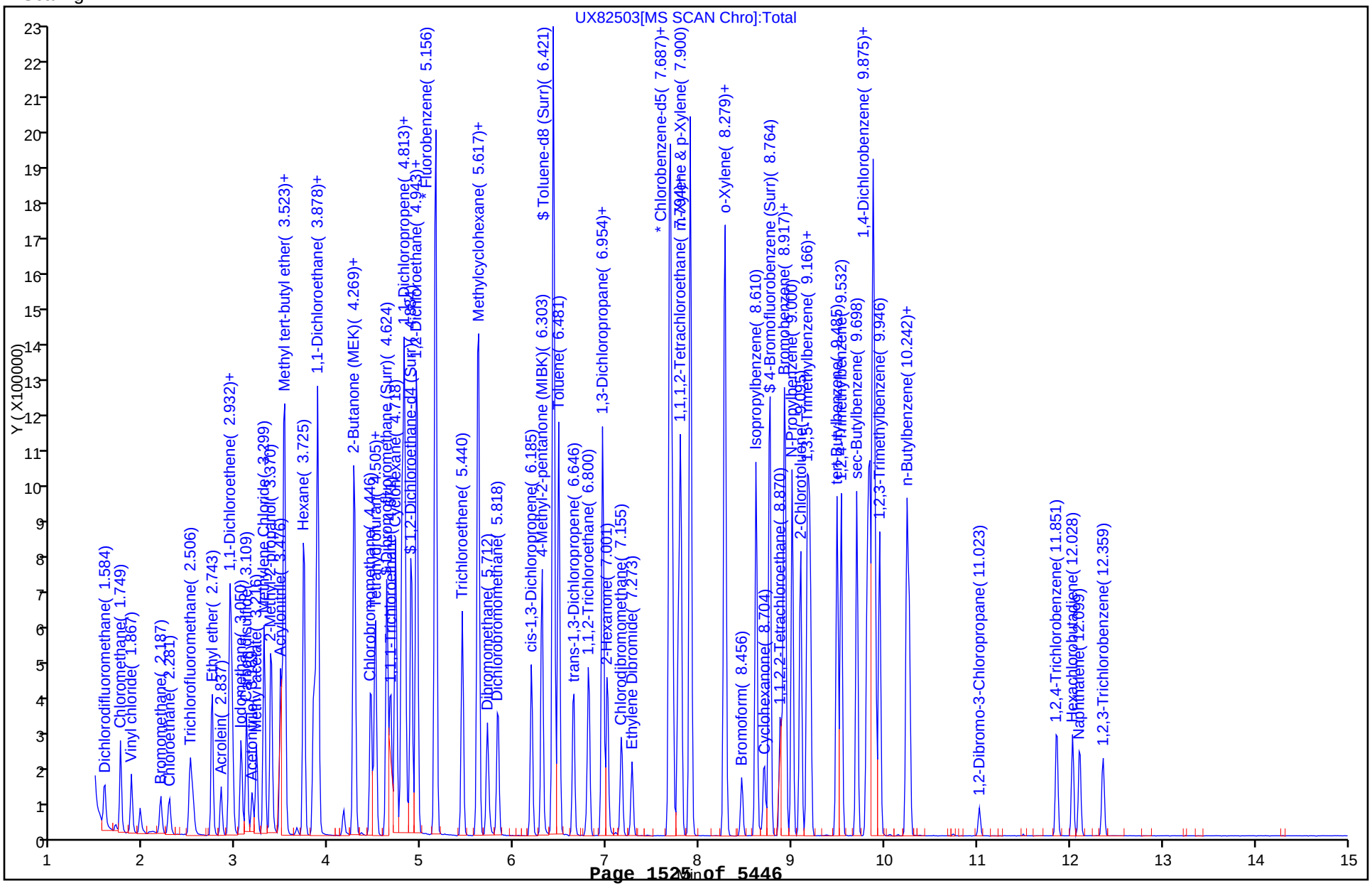
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82503.D

Injection Date:	15-Dec-2012 21:00:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0091M-0002-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	12
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MS | Lab Sample ID: 240-18544-19 MS

Matrix: Solid | Lab File ID: UX82506.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 15:27

Sample wt/vol: 6.728(g) | Date Analyzed: 12/15/2012 22:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.0 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	36.8		16	5.0	5.0
71-43-2	Benzene	19.6		4.0	0.40	0.18
74-97-5	Bromochloromethane	18.2		4.0	0.79	0.56
75-27-4	Bromodichloromethane	20.1		4.0	0.40	0.22
75-25-2	Bromoform	15.4		4.0	0.40	0.26
74-83-9	Bromomethane	15.4		4.0	0.79	0.43
78-93-3	2-Butanone (MEK)	33.9		16	1.6	1.1
75-15-0	Carbon disulfide	20.2		4.0	0.40	0.35
56-23-5	Carbon tetrachloride	20.6		4.0	0.40	0.29
108-90-7	Chlorobenzene	18.7		4.0	0.40	0.26
75-00-3	Chloroethane	17.0		4.0	0.79	0.68
67-66-3	Chloroform	19.1		4.0	0.40	0.23
74-87-3	Chloromethane	17.1		4.0	0.40	0.32
10061-01-5	cis-1,3-Dichloropropene	18.0		4.0	0.40	0.27
124-48-1	Dibromochloromethane	17.6		4.0	0.79	0.44
106-93-4	1,2-Dibromoethane	18.8		4.0	0.79	0.40
75-34-3	1,1-Dichloroethane	19.4		4.0	0.40	0.28
107-06-2	1,2-Dichloroethane	19.6		4.0	0.40	0.27
75-35-4	1,1-Dichloroethene	22.3		4.0	0.79	0.41
540-59-0	1,2-Dichloroethene, Total	39.0		7.9	0.79	0.61
78-87-5	1,2-Dichloropropane	19.5		4.0	0.79	0.55
100-41-4	Ethylbenzene	18.9		4.0	0.40	0.21
591-78-6	2-Hexanone	31.6		16	0.79	0.50
75-09-2	Methylene Chloride	22.2		4.0	0.79	0.53
108-10-1	4-Methyl-2-pentanone (MIBK)	33.7		16	0.79	0.43
100-42-5	Styrene	19.9		4.0	0.40	0.12
79-34-5	1,1,2,2-Tetrachloroethane	17.9		4.0	0.40	0.27
127-18-4	Tetrachloroethene	19.2		4.0	0.79	0.41
108-88-3	Toluene	20.2		4.0	0.40	0.21
10061-02-6	trans-1,3-Dichloropropene	16.1		4.0	0.79	0.43
71-55-6	1,1,1-Trichloroethane	20.2		4.0	0.79	0.44
79-00-5	1,1,2-Trichloroethane	18.6		4.0	0.40	0.31
79-01-6	Trichloroethene	19.5		4.0	0.40	0.33
75-01-4	Vinyl chloride	18.2		4.0	0.40	0.31
1330-20-7	Xylenes, Total	58.5		7.9	1.2	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MS Lab Sample ID: 240-18544-19 MS

Matrix: Solid Lab File ID: UX82506.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 15:27

Sample wt/vol: 6.728(g) Date Analyzed: 12/15/2012 22:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.0 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		85-120
1868-53-7	Dibromofluoromethane (Surr)	104		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		61-130
2037-26-5	Toluene-d8 (Surr)	103		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82506.D
Lims ID: 240-18544-F-19-A MS Client ID: 076SB-0100M-0002-SO
Inject. Date: 15-Dec-2012 22:04:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015886-015
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 14
Lims Batch ID: 68879 Lims Sample ID: 15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 16-Dec-2012 23:41:30

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.147	0.009	99	1577528	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	98	1126763	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	99	557409	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.624	-0.001	59	407111	52.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.884	0.0	96	511324	52.7	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	94	1449100	51.7	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	93	495690	51.2	
12 Dichlorodifluoromethane	85	1.572	1.572	0.0	85	110764	20.1	
13 Chloromethane	50	1.749	1.749	0.0	99	212059	21.7	
14 Vinyl chloride	62	1.867	1.867	0.0	99	139491	23.1	
15 Bromomethane	94	2.187	2.187	0.0	91	66543	19.5	
16 Chloroethane	64	2.281	2.281	0.0	91	79433	21.5	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	97	198203	27.3	
19 Ethyl ether	59	2.731	2.734	-0.003	95	194468	25.0	
20 Acrolein	56	2.837	2.837	0.0	92	89672	50.1	
21 1,1-Dichloroethene	96	2.932	2.932	0.0	95	142274	28.2	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.944	0.0	89	127204	28.1	
22 Acetone	43	2.956	2.956	0.0	96	197852	46.6	
24 Iodomethane	142	3.050	3.050	0.0	99	265215	24.6	
26 Carbon disulfide	76	3.109	3.109	0.0	98	380536	25.5	
27 Acetonitrile	41	3.169	3.169	-0.001	99	111659	66.7	
28 Methyl acetate	43	3.216	3.216	0.0	98	238754	23.9	
30 Methylene Chloride	84	3.299	3.299	0.0	92	198938	28.1	
31 2-Methyl-2-propanol	59	3.370	3.382	-0.012	88	334721	429.1	
32 Acrylonitrile	53	3.476	3.476	0.0	97	289202	70.1	
34 Methyl tert-butyl ether	73	3.512	3.523	-0.011	84	459169	24.7	
33 trans-1,2-Dichloroethene	96	3.523	3.523	0.0	71	163900	25.5	
35 Hexane	86	3.724	3.736	-0.012	95	48461	27.4	
36 1,1-Dichloroethane	63	3.831	3.831	0.0	98	299122	24.5	
37 Vinyl acetate	86	3.855	3.855	0.0	97	32599	22.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	3.878	3.881	-0.003	97	150408	26.4	
42 cis-1,2-Dichloroethene	96	4.269	4.269	0.0	88	174733	23.8	
41 2-Butanone (MEK)	43	4.269	4.269	0.0	95	266683	42.9	
43 2,2-Dichloropropane	77	4.280	4.280	0.0	71	132140	27.0	
47 Chlorobromomethane	128	4.458	4.458	0.0	92	96345	23.0	
48 Tetrahydrofuran	42	4.493	4.493	0.0	89	83577	22.2	
49 Chloroform	83	4.505	4.505	0.0	98	278586	24.1	
50 1,1,1-Trichloroethane	97	4.659	4.671	-0.012	91	217965	25.5	
51 Cyclohexane	56	4.718	4.718	0.0	98	348128	26.0	
52 1,1-Dichloropropene	75	4.789	4.789	0.0	83	207643	26.0	
53 Carbon tetrachloride	117	4.801	4.801	0.0	91	203996	26.0	
54 Isobutyl alcohol	41	4.813	4.816	-0.003	93	455783	1128.3	
56 1,2-Dichloroethane	62	4.943	4.943	0.0	60	279956	24.8	
55 Benzene	78	4.943	4.943	0.0	93	611727	24.8	
60 Trichloroethene	130	5.440	5.440	0.0	93	185123	24.7	
63 Methylcyclohexane	83	5.605	5.605	0.0	93	283397	26.8	
62 1,2-Dichloropropane	63	5.617	5.617	0.0	80	168033	24.7	
65 Dibromomethane	93	5.712	5.712	0.0	84	97714	24.5	
67 Dichlorobromomethane	83	5.818	5.830	-0.012	95	194334	25.4	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.185	0.0	80	190411	22.7	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.303	0.0	98	470660	42.6	
72 Toluene	91	6.481	6.481	-0.001	97	712367	25.6	
73 trans-1,3-Dichloropropene	75	6.646	6.646	0.0	91	168370	20.4	
75 1,1,2-Trichloroethane	97	6.800	6.800	0.0	95	137067	23.5	
76 1,3-Dichloropropane	76	6.954	6.954	0.0	93	227731	24.2	
77 Tetrachloroethene	164	6.954	6.966	-0.012	89	143501	24.2	
78 2-Hexanone	43	7.001	7.001	0.0	97	301442	40.0	
79 Chlorodibromomethane	129	7.155	7.155	0.0	89	142829	22.3	
123 Ethylene Dibromide	107	7.273	7.273	0.0	97	136070	23.7	
82 Chlorobenzene	112	7.711	7.711	0.0	94	451334	23.7	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.770	0.0	83	147711	24.1	
84 Ethylbenzene	106	7.793	7.794	-0.001	98	229230	23.9	
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	98	570617	49.5	
85 o-Xylene	106	8.267	8.267	0.0	89	269150	24.5	
86 Styrene	104	8.278	8.279	-0.001	90	446521	25.2	
87 Bromoform	173	8.456	8.456	0.0	97	79782	19.5	
88 Isopropylbenzene	105	8.610	8.610	0.0	96	686379	24.6	
89 Cyclohexanone	55	8.704	8.695	0.009	94	88470	43.2	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.870	0.0	80	146298	22.7	
91 Bromobenzene	156	8.917	8.917	0.0	83	191597	23.8	
92 1,2,3-Trichloropropane	110	8.929	8.929	0.0	73	58708	23.5	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.929	0.0	71	125981	45.6	
94 N-Propylbenzene	120	9.000	9.000	0.0	98	191374	25.1	
95 2-Chlorotoluene	126	9.095	9.095	0.0	97	165715	23.5	
96 1,3,5-Trimethylbenzene	105	9.166	9.166	0.0	85	553029	25.0	
104 4-Chlorotoluene	126	9.189	9.189	0.0	97	175649	23.9	
97 tert-Butylbenzene	119	9.485	9.485	0.0	92	486134	23.1	
98 1,2,4-Trimethylbenzene	105	9.532	9.532	0.0	73	554280	25.0	
99 sec-Butylbenzene	105	9.698	9.698	0.0	94	673976	24.4	
100 1,3-Dichlorobenzene	146	9.816	9.816	0.0	97	331231	22.3	
101 4-Isopropyltoluene	119	9.840	9.840	0.0	91	589509	25.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	9.899	9.899	0.0	92	341253	22.0	
103 1,2,3-Trimethylbenzene	105	9.946	9.949	-0.003	88	516724	23.2	
105 n-Butylbenzene	91	10.242	10.242	0.0	96	465040	24.3	
106 1,2-Dichlorobenzene	146	10.266	10.266	0.0	97	306459	21.9	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.023	0.0	56	19516	18.8	
109 1,2,4-Trichlorobenzene	180	11.862	11.863	-0.001	94	124103	17.4	
110 Hexachlorobutadiene	225	12.028	12.028	0.0	92	61298	24.0	
111 Naphthalene	128	12.111	12.099	0.012	96	255197	15.1	
112 1,2,3-Trichlorobenzene	180	12.359	12.359	0.0	93	97072	18.7	
S 136 Trihalomethanes, Total	1				0		91.3	
S 11 1,2-Dichloroethene, Total	96				0		49.2	
S 114 Xylenes, Total	106				0		74.0	

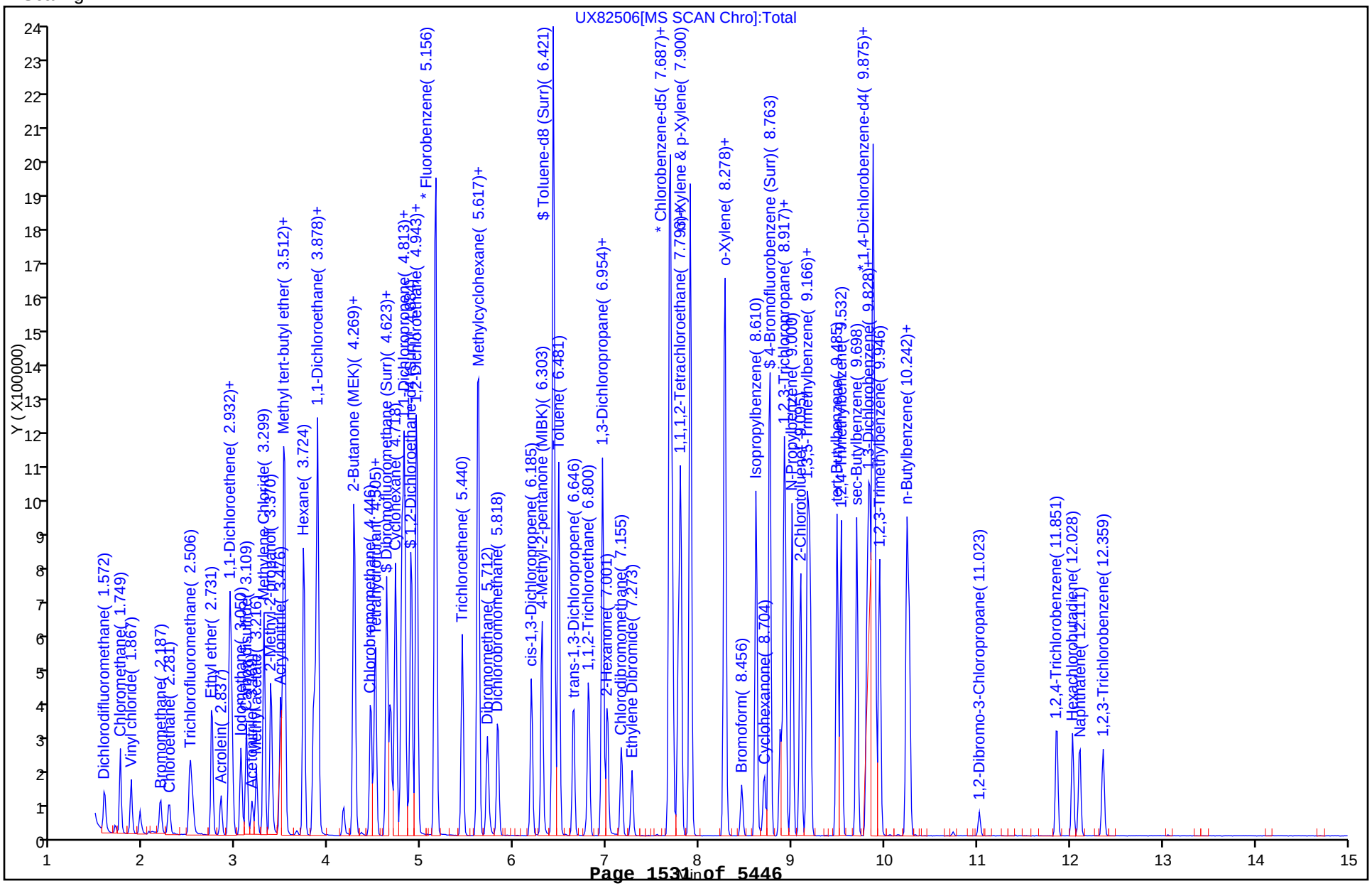
Report Date: 19-Dec-2012 02:39:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82506.D

Injection Date:	15-Dec-2012 22:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	15
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO MSD Lab Sample ID: 240-18544-1 MSD

Matrix: Solid Lab File ID: UX82447.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 09:22

Sample wt/vol: 3.794(g) Date Analyzed: 12/14/2012 07:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.2 Level: (low/med) Low

Analysis Batch No.: 68663 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	37.3	J	7.4	0.74	0.34
100-41-4	Ethylbenzene	35.9	J	7.4	0.74	0.39
1634-04-4	Methyl tert-butyl ether	34.4	J	7.4	0.74	0.64
108-88-3	Toluene	35.9	J	7.4	0.74	0.40
1330-20-7	Xylenes, Total	108	J	15	2.2	0.99

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	69	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	74		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	68		61-130
2037-26-5	Toluene-d8 (Surr)	77	Q	85-115

Report Date: 18-Dec-2012 01:32:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82447.D
Lims ID: 240-18544-H-1-A MSD Client ID: 072SB-0063-0002-SO
Inject. Date: 14-Dec-2012 07:53:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015834-026
Misc. Info.: M21213A,8260SUX8,,402279 =M21213A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 25
Lims Batch ID: 68663 Lims Sample ID: 26
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\8260_8.m
Last Update: 18-Dec-2012 01:32:10 Calib Date: 11-Dec-2012 08:23:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121211-15698.b\UX82349.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 14-Dec-2012 23:01:53

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.155	0.001	99	1855334	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.686	0.001	98	1282915	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.874	0.001	99	590356	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.625	-0.001	58	400197	36.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.885	-0.001	97	490795	33.9	
$ 7 Toluene-d8 (Surr)	98	6.421	6.423	-0.002	95	1469876	38.6	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.753	0.011	94	466901	34.4	
12 Dichlorodifluoromethane	85	1.572	1.573	-0.001	96	132134	21.7	
13 Chloromethane	50	1.749	1.750	-0.001	100	259362	22.2	
14 Vinyl chloride	62	1.867	1.869	-0.002	99	157314	23.1	
15 Bromomethane	94	2.175	2.176	-0.001	89	77926	26.8	
16 Chloroethane	64	2.270	2.271	-0.001	94	96210	24.1	
18 Trichlorofluoromethane	101	2.506	2.508	-0.002	96	221039	27.6	
19 Ethyl ether	59	2.731	2.742	-0.011	93	212166	23.2	
20 Acrolein	56	2.837	2.839	-0.002	91	89343	43.5	
21 1,1-Dichloroethene	96	2.932	2.922	0.010	96	154565	25.4	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.945	-0.001	91	141333	26.5	
22 Acetone	43	2.956	2.957	-0.001	97	227601	44.2	
24 Iodomethane	142	3.050	3.052	-0.002	99	314331	25.7	
26 Carbon disulfide	76	3.109	3.111	-0.002	98	433565	24.3	
27 Acetonitrile	41	3.169	3.170	-0.001	94	117043	59.1	
28 Methyl acetate	43	3.216	3.217	-0.001	97	240774	19.7	
30 Methylene Chloride	84	3.299	3.300	-0.001	93	217697	24.6	
31 2-Methyl-2-propanol	59	3.370	3.371	-0.001	88	325144	361.5	
32 Acrylonitrile	53	3.476	3.477	-0.001	96	309624	60.1	
34 Methyl tert-butyl ether	73	3.512	3.513	-0.001	84	487820	23.2	
33 trans-1,2-Dichloroethene	96	3.523	3.513	0.010	72	182309	25.7	
35 Hexane	86	3.725	3.726	-0.001	94	55168	26.2	
36 1,1-Dichloroethane	63	3.831	3.832	-0.001	96	352210	25.0	
37 Vinyl acetate	86	3.855	3.856	-0.001	97	32726	21.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	3.878	3.877	0.001	97	171471	25.6	
41 2-Butanone (MEK)	43	4.269	4.270	-0.001	95	288095	38.1	
42 cis-1,2-Dichloroethene	96	4.269	4.270	-0.001	88	207155	25.1	
43 2,2-Dichloropropane	77	4.280	4.282	-0.002	72	142110	24.9	
47 Chlorobromomethane	128	4.458	4.447	0.011	89	110113	23.3	
48 Tetrahydrofuran	42	4.493	4.495	-0.002	88	89954	19.1	
49 Chloroform	83	4.505	4.507	-0.002	98	320829	24.3	
50 1,1,1-Trichloroethane	97	4.659	4.660	-0.001	90	240880	23.1	
51 Cyclohexane	56	4.718	4.719	-0.001	98	375214	22.0	
52 1,1-Dichloropropene	75	4.789	4.790	-0.001	83	229738	24.8	
53 Carbon tetrachloride	117	4.801	4.802	-0.001	92	225733	22.9	
54 Isobutyl alcohol	41	4.813	4.812	0.001	92	482188	1014.9	
56 1,2-Dichloroethane	62	4.943	4.944	-0.001	60	318401	23.5	
55 Benzene	78	4.943	4.944	-0.001	93	697296	25.1	
60 Trichloroethene	130	5.440	5.441	-0.001	93	203830	23.9	
63 Methylcyclohexane	83	5.605	5.607	-0.002	90	289967	22.6	
62 1,2-Dichloropropane	63	5.617	5.618	-0.001	82	191749	24.1	
65 Dibromomethane	93	5.712	5.713	-0.001	87	111703	24.6	
67 Dichlorobromomethane	83	5.818	5.820	-0.002	95	218403	24.5	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.186	-0.001	78	211260	20.6	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.304	-0.001	98	504089	37.2	
72 Toluene	91	6.481	6.482	-0.001	93	747946	24.2	
73 trans-1,3-Dichloropropene	75	6.646	6.636	0.010	91	178824	19.7	
75 1,1,2-Trichloroethane	97	6.800	6.801	-0.001	97	153955	24.0	
76 1,3-Dichloropropane	76	6.954	6.955	-0.001	90	251191	23.4	
77 Tetrachloroethene	164	6.954	6.955	-0.001	82	158826	24.7	
78 2-Hexanone	43	7.001	7.002	-0.001	96	325498	35.4	
79 Chlorodibromomethane	129	7.155	7.156	-0.001	89	157476	20.7	
123 Ethylene Dibromide	107	7.273	7.274	-0.001	99	146985	21.9	
82 Chlorobenzene	112	7.711	7.712	-0.001	96	504528	23.4	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.771	-0.001	86	166989	23.9	
84 Ethylbenzene	106	7.794	7.795	-0.001	98	255150	24.2	
10 m-Xylene & p-Xylene	106	7.900	7.901	-0.001	98	612743	47.8	
85 o-Xylene	106	8.267	8.268	-0.001	89	299384	24.7	
86 Styrene	104	8.279	8.280	-0.001	88	481054	23.3	
87 Bromoform	173	8.456	8.457	-0.001	96	85100	20.4	
88 Isopropylbenzene	105	8.610	8.611	-0.001	96	731848	23.2	
89 Cyclohexanone	55	8.693	8.703	-0.010	95	202941	87.0	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.871	-0.001	83	155499	22.7	
91 Bromobenzene	156	8.917	8.907	0.010	87	207533	24.0	
92 1,2,3-Trichloropropane	110	8.929	8.930	-0.001	76	65671	25.4	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.930	-0.001	75	126274	41.3	
94 N-Propylbenzene	120	9.000	9.001	-0.001	98	208136	24.4	
95 2-Chlorotoluene	126	9.095	9.096	-0.001	97	179373	24.1	
96 1,3,5-Trimethylbenzene	105	9.166	9.167	-0.001	90	568979	23.8	
104 4-Chlorotoluene	126	9.189	9.191	-0.002	98	184490	24.0	
97 tert-Butylbenzene	119	9.485	9.486	-0.001	91	525746	23.3	
98 1,2,4-Trimethylbenzene	105	9.532	9.534	-0.002	77	570645	24.6	
99 sec-Butylbenzene	105	9.698	9.699	-0.001	94	692062	23.5	
100 1,3-Dichlorobenzene	146	9.816	9.818	-0.002	96	344582	22.2	
101 4-Isopropyltoluene	119	9.840	9.841	-0.001	91	593310	22.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	9.899	9.900	-0.001	93	348362	21.4	
103 1,2,3-Trimethylbenzene	105	9.946	9.945	0.001	88	539130	22.8	
105 n-Butylbenzene	91	10.242	10.232	0.010	94	446178	21.8	
106 1,2-Dichlorobenzene	146	10.266	10.267	-0.001	98	310517	21.1	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.024	-0.001	57	19072	18.0	
109 1,2,4-Trichlorobenzene	180	11.863	11.852	0.011	92	108526	14.6	
110 Hexachlorobutadiene	225	12.028	12.029	-0.001	90	61430	21.8	
111 Naphthalene	128	12.099	12.100	-0.001	95	230587	13.3	
112 1,2,3-Trichlorobenzene	180	12.359	12.361	-0.002	95	84606	14.3	
S 136 Trihalomethanes, Total	1				0		90.0	
S 11 1,2-Dichloroethene, Total	96				0		50.9	
S 114 Xylenes, Total	106				0		72.5	

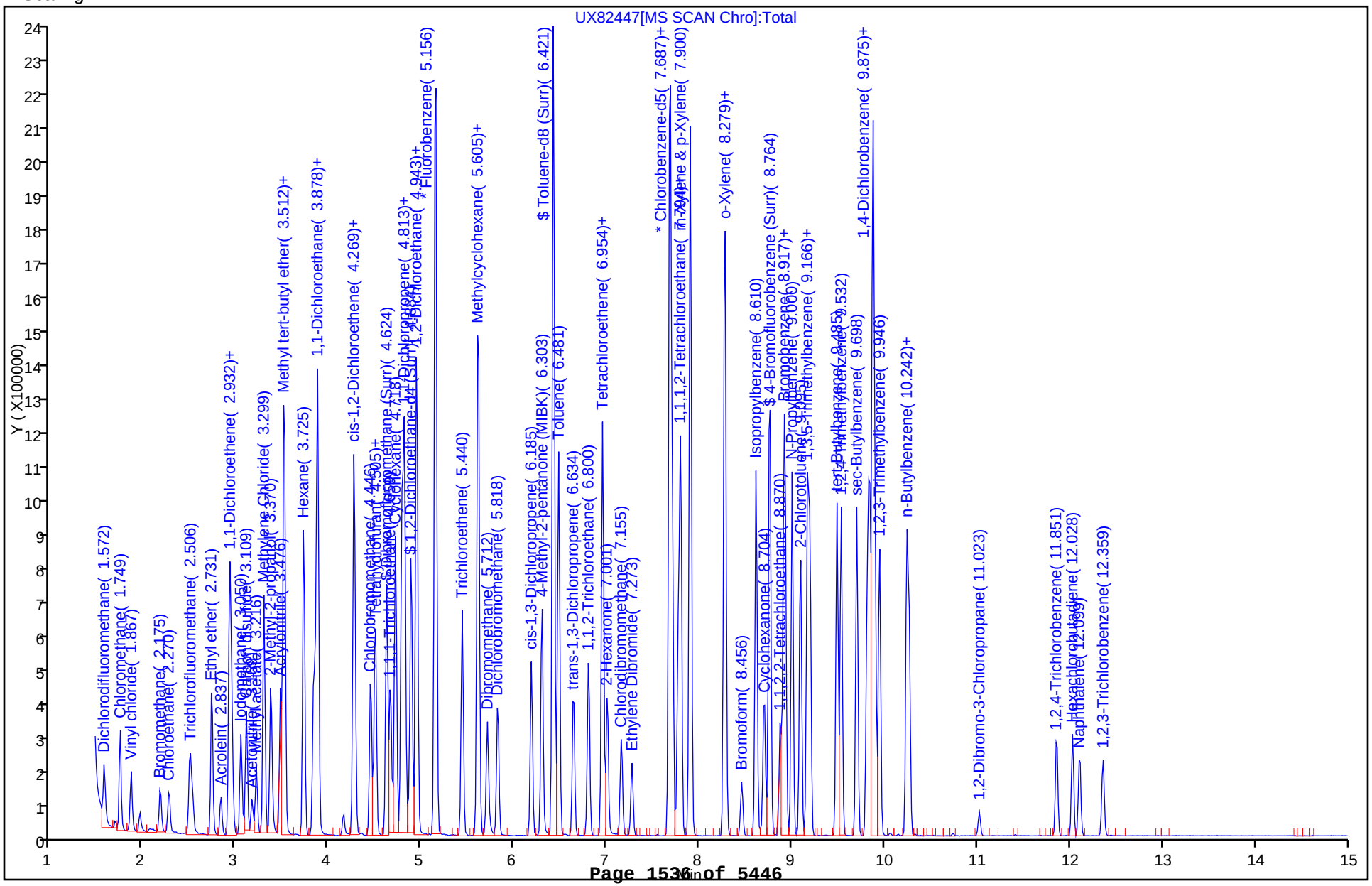
Report Date: 18-Dec-2012 01:32:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121213-15834.b\UX82447.D

Injection Date:	14-Dec-2012 07:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0063-0002-SO	Instrument ID:	A3UX8
Lims Batch ID:	68663	Lims Sample ID:	26
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO MSD | Lab Sample ID: 240-18544-7 MSD

Matrix: Solid | Lab File ID: UX82474.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 14:40

Sample wt/vol: 3.613(g) | Date Analyzed: 12/15/2012 04:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 | Level: (low/med) Low

Analysis Batch No.: 68830 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	71.5	J	31	9.8	9.8
71-43-2	Benzene	40.0		7.7	0.77	0.36
74-97-5	Bromochloromethane	38.1		7.7	1.5	1.1
75-27-4	Bromodichloromethane	39.3		7.7	0.77	0.43
75-25-2	Bromoform	31.2		7.7	0.77	0.51
74-83-9	Bromomethane	31.9		7.7	1.5	0.84
78-93-3	2-Butanone (MEK)	70.4	J	31	3.1	2.2
75-15-0	Carbon disulfide	41.6		7.7	0.77	0.68
56-23-5	Carbon tetrachloride	42.1		7.7	0.77	0.57
108-90-7	Chlorobenzene	38.4		7.7	0.77	0.51
75-00-3	Chloroethane	36.5		7.7	1.5	1.3
67-66-3	Chloroform	38.6		7.7	0.77	0.45
74-87-3	Chloromethane	36.3		7.7	0.77	0.63
10061-01-5	cis-1,3-Dichloropropene	36.2		7.7	0.77	0.53
124-48-1	Dibromochloromethane	37.0		7.7	1.5	0.85
106-93-4	1,2-Dibromoethane	41.1		7.7	1.5	0.77
75-34-3	1,1-Dichloroethane	40.8		7.7	0.77	0.56
107-06-2	1,2-Dichloroethane	39.5		7.7	0.77	0.53
75-35-4	1,1-Dichloroethene	46.2		7.7	1.5	0.81
540-59-0	1,2-Dichloroethene, Total	80.5		15	1.5	1.2
78-87-5	1,2-Dichloropropane	39.7		7.7	1.5	1.1
100-41-4	Ethylbenzene	40.5		7.7	0.77	0.40
591-78-6	2-Hexanone	73.7	J	31	1.5	0.98
75-09-2	Methylene Chloride	40.9		7.7	1.5	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	72.5	J	31	1.5	0.84
100-42-5	Styrene	40.0		7.7	0.77	0.23
79-34-5	1,1,2,2-Tetrachloroethane	44.6	J	7.7	0.77	0.53
127-18-4	Tetrachloroethene	41.0		7.7	1.5	0.81
108-88-3	Toluene	41.4		7.7	0.77	0.42
10061-02-6	trans-1,3-Dichloropropene	33.8		7.7	1.5	0.84
71-55-6	1,1,1-Trichloroethane	41.2		7.7	1.5	0.87
79-00-5	1,1,2-Trichloroethane	40.1	J	7.7	0.77	0.60
79-01-6	Trichloroethene	39.4		7.7	0.77	0.65
75-01-4	Vinyl chloride	37.7		7.7	0.77	0.60
1330-20-7	Xylenes, Total	122		15	2.3	1.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO MSD Lab Sample ID: 240-18544-7 MSD

Matrix: Solid Lab File ID: UX82474.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 14:40

Sample wt/vol: 3.613(g) Date Analyzed: 12/15/2012 04:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 Level: (low/med) Low

Analysis Batch No.: 68830 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	92		85-120
1868-53-7	Dibromofluoromethane (Surr)	100		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		61-130
2037-26-5	Toluene-d8 (Surr)	108		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82474.D
Lims ID: 240-18544-H-7-A MSD Client ID: 076SB-0090M-0002-SO
Inject. Date: 15-Dec-2012 04:16:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015873-021
Misc. Info.: M21214A,8260SUX8,,402279 =M21214A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 20
Lims Batch ID: 68830 Lims Sample ID: 21
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\8260_8.m
Last Update: 15-Dec-2012 15:42:18 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: latat Date: 15-Dec-2012 15:10:26

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.157	5.158	-0.001	100	1655383	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.678	-0.001	98	1104806	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.878	-0.001	99	445406	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.626	-0.001	59	411939	50.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.885	4.886	-0.001	95	503227	48.7	
$ 7 Toluene-d8 (Surr)	98	6.423	6.424	-0.001	94	1478287	54.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.753	8.754	-0.001	93	443713	45.8	
12 Dichlorodifluoromethane	85	1.573	1.574	-0.001	96	127485	22.0	
13 Chloromethane	50	1.751	1.752	-0.001	100	241021	23.5	
14 Vinyl chloride	62	1.869	1.870	-0.001	83	154396	24.3	
15 Bromomethane	94	2.177	2.177	0.0	93	73703	20.6	
16 Chloroethane	64	2.271	2.272	-0.001	93	91229	23.6	
18 Trichlorofluoromethane	101	2.508	2.509	-0.001	97	212589	27.9	
19 Ethyl ether	59	2.733	2.734	-0.001	93	205987	25.2	
20 Acrolein	56	2.839	2.840	-0.001	88	47692	25.4	
21 1,1-Dichloroethene	96	2.922	2.923	-0.001	95	157809	29.8	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.946	2.946	0.0	88	140508	29.6	
22 Acetone	43	2.957	2.958	-0.001	96	205922	46.1	
24 Iodomethane	142	3.052	3.053	-0.001	98	303827	26.9	
26 Carbon disulfide	76	3.111	3.112	-0.001	98	420188	26.9	
27 Acetonitrile	41	3.170	3.171	-0.001	98	129805	73.9	
28 Methyl acetate	43	3.218	3.218	0.0	98	310484	29.7	
30 Methylene Chloride	84	3.300	3.301	-0.001	92	197361	26.4	
31 2-Methyl-2-propanol	59	3.371	3.372	-0.001	90	436705	533.5	
32 Acrylonitrile	53	3.478	3.479	-0.001	97	317898	73.4	
34 Methyl tert-butyl ether	73	3.513	3.514	-0.001	86	498915	25.5	
33 trans-1,2-Dichloroethene	96	3.513	3.526	-0.013	67	178071	26.4	
35 Hexane	86	3.726	3.727	-0.001	95	54492	29.3	
36 1,1-Dichloroethane	63	3.833	3.833	0.0	96	337824	26.3	
37 Vinyl acetate	86	3.868	3.857	0.011	61	3965	2.65	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	3.880	3.881	-0.001	94	165116	27.7	
42 cis-1,2-Dichloroethene	96	4.270	4.271	-0.001	88	197944	25.7	
41 2-Butanone (MEK)	43	4.270	4.271	-0.001	96	296722	45.5	
43 2,2-Dichloropropane	77	4.282	4.283	-0.001	76	137101	26.7	
47 Chlorobromomethane	128	4.448	4.449	0.0	90	108143	24.6	
48 Tetrahydrofuran	42	4.495	4.496	-0.001	92	99279	25.2	
49 Chloroform	83	4.507	4.508	-0.001	98	302239	24.9	
50 1,1,1-Trichloroethane	97	4.661	4.661	0.0	92	238246	26.6	
51 Cyclohexane	56	4.720	4.721	-0.001	97	377061	26.8	
52 1,1-Dichloropropene	75	4.791	4.792	-0.001	82	226245	27.0	
53 Carbon tetrachloride	117	4.803	4.803	0.0	86	223693	27.2	
54 Isobutyl alcohol	41	4.814	4.815	-0.001	93	570026	1344.7	
55 Benzene	78	4.945	4.945	0.0	93	668462	25.8	
56 1,2-Dichloroethane	62	4.945	4.945	0.0	61	301647	25.5	
60 Trichloroethene	130	5.441	5.442	-0.001	92	200127	25.4	
63 Methylcyclohexane	83	5.607	5.608	-0.001	91	284659	25.6	
62 1,2-Dichloropropane	63	5.619	5.620	-0.001	85	183369	25.6	
65 Dibromomethane	93	5.713	5.714	-0.001	81	108054	25.8	
67 Dichlorobromomethane	83	5.820	5.821	-0.001	95	203869	25.4	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.187	6.187	0.0	80	205756	23.4	
71 4-Methyl-2-pentanone (MIBK)	43	6.305	6.306	-0.001	98	542937	46.8	
72 Toluene	91	6.482	6.483	-0.001	94	731436	26.8	
73 trans-1,3-Dichloropropene	75	6.636	6.637	-0.001	91	177105	21.8	
75 1,1,2-Trichloroethane	97	6.802	6.802	0.0	94	148440	25.9	
77 Tetrachloroethene	164	6.955	6.956	-0.001	84	153898	26.5	
76 1,3-Dichloropropane	76	6.955	6.956	-0.001	91	240837	26.1	
78 2-Hexanone	43	7.003	7.003	0.0	97	351665	47.6	
79 Chlorodibromomethane	129	7.156	7.157	-0.001	89	150189	23.9	
123 Ethylene Dibromide	107	7.275	7.276	-0.001	96	149063	26.5	
82 Chlorobenzene	112	7.712	7.713	-0.001	91	463609	24.8	
83 1,1,1,2-Tetrachloroethane	131	7.772	7.772	0.0	87	158263	26.3	
84 Ethylbenzene	106	7.795	7.796	-0.001	98	246589	26.2	
10 m-Xylene & p-Xylene	106	7.902	7.902	0.0	98	597388	52.8	
85 o-Xylene	106	8.268	8.269	-0.001	89	280721	26.1	
86 Styrene	104	8.280	8.281	-0.001	90	449336	25.9	
87 Bromoform	173	8.458	8.458	0.0	97	80913	20.2	
88 Isopropylbenzene	105	8.611	8.612	-0.001	96	727488	26.6	
89 Cyclohexanone	55	8.694	8.695	-0.001	94	165293	82.3	
90 1,1,2,2-Tetrachloroethane	83	8.872	8.872	0.0	87	148620	28.8	
91 Bromobenzene	156	8.919	8.908	0.011	81	189192	29.4	
92 1,2,3-Trichloropropane	110	8.931	8.920	0.011	77	62993	31.6	
93 trans-1,4-Dichloro-2-butene	53	8.931	8.932	-0.001	79	125876	57.0	
94 N-Propylbenzene	120	9.002	9.002	0.0	98	202818	33.3	
95 2-Chlorotoluene	126	9.096	9.097	-0.001	97	166392	29.6	
96 1,3,5-Trimethylbenzene	105	9.167	9.168	-0.001	93	556704	31.6	
104 4-Chlorotoluene	126	9.191	9.192	-0.001	98	173253	29.4	
97 tert-Butylbenzene	119	9.487	9.487	0.0	87	507532	30.2	
98 1,2,4-Trimethylbenzene	105	9.534	9.535	-0.001	77	551064	31.2	
99 sec-Butylbenzene	105	9.700	9.700	0.0	94	654644	29.6	
100 1,3-Dichlorobenzene	146	9.818	9.819	-0.001	91	306983	25.8	
101 4-Isopropyltoluene	119	9.842	9.842	0.0	91	568414	30.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	9.901	9.901	0.0	92	314570	25.4	
103 1,2,3-Trimethylbenzene	105	9.948	9.949	-0.001	88	500688	28.1	
105 n-Butylbenzene	91	10.244	10.233	0.011	96	419403	27.4	
106 1,2-Dichlorobenzene	146	10.267	10.268	-0.001	98	254731	22.8	
107 1,2-Dibromo-3-Chloropropane	157	11.024	11.025	-0.001	57	18338	22.1	
109 1,2,4-Trichlorobenzene	180	11.864	11.853	0.011	92	78980	13.9	
110 Hexachlorobutadiene	225	12.030	12.031	-0.001	91	45904	22.1	
111 Naphthalene	128	12.101	12.102	-0.001	94	144514	10.7	
112 1,2,3-Trichlorobenzene	180	12.361	12.362	-0.001	86	59059	13.6	
S 136 Trihalomethanes, Total	1				0		94.3	
S 11 1,2-Dichloroethene, Total	96				0		52.0	
S 114 Xylenes, Total	106				0		78.9	

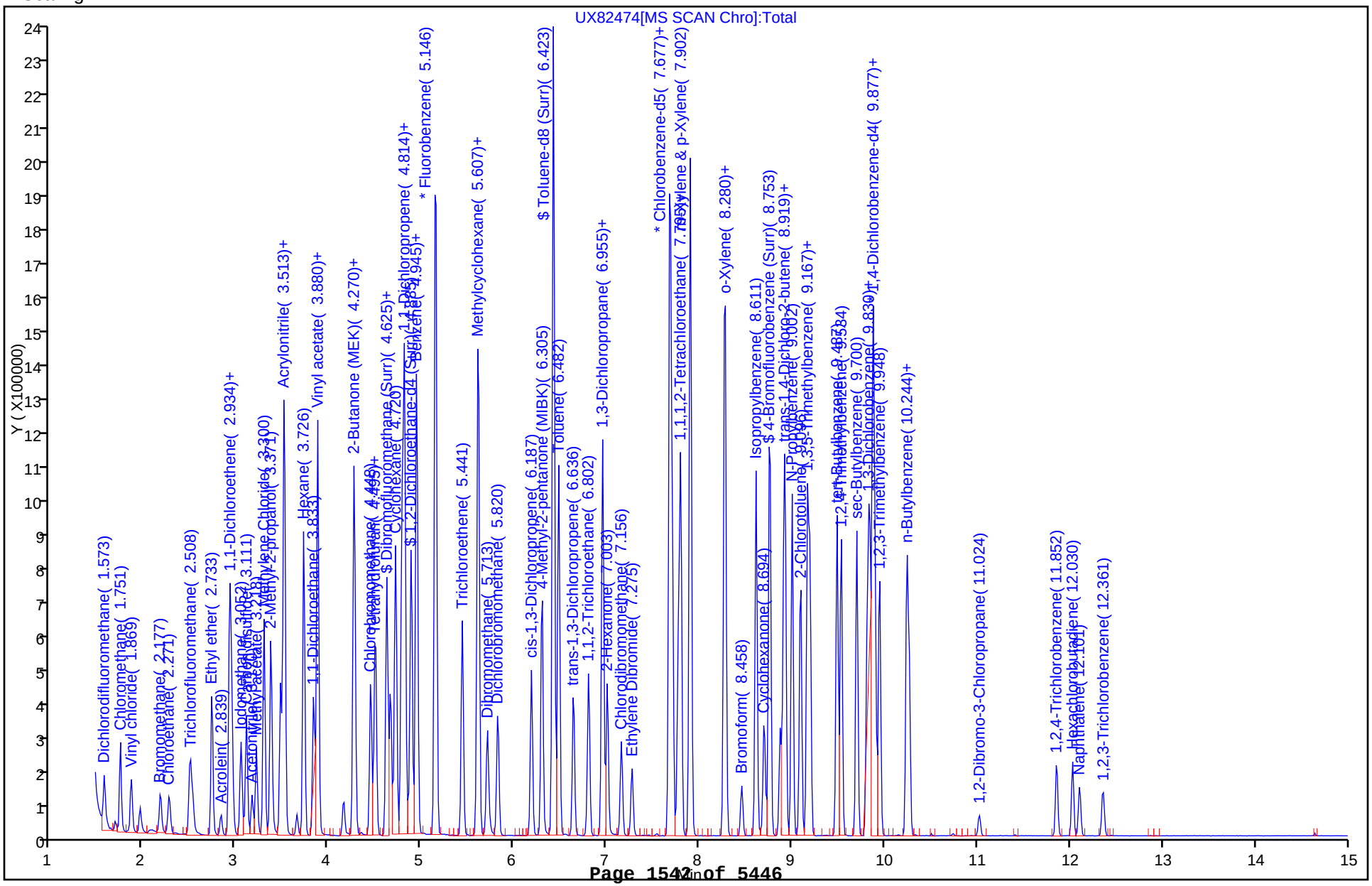
Report Date: 18-Dec-2012 02:06:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82474.D

Injection Date:	15-Dec-2012 04:16:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0090M-0002-SO	Instrument ID:	A3UX8
Lims Batch ID:	68830	Lims Sample ID:	21
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO MSD | Lab Sample ID: 240-18544-8 MSD

Matrix: Solid | Lab File ID: UX82504.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 14:40

Sample wt/vol: 4.035(g) | Date Analyzed: 12/15/2012 21:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.0 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	63.8		27	8.4	8.4
71-43-2	Benzene	35.7		6.7	0.67	0.31
74-97-5	Bromochloromethane	32.4		6.7	1.3	0.95
75-27-4	Bromodichloromethane	35.5		6.7	0.67	0.37
75-25-2	Bromoform	27.6		6.7	0.67	0.44
74-83-9	Bromomethane	28.0		6.7	1.3	0.72
78-93-3	2-Butanone (MEK)	60.8		27	2.7	1.9
75-15-0	Carbon disulfide	36.9		6.7	0.67	0.59
56-23-5	Carbon tetrachloride	37.3		6.7	0.67	0.49
108-90-7	Chlorobenzene	33.9		6.7	0.67	0.44
75-00-3	Chloroethane	30.7		6.7	1.3	1.1
67-66-3	Chloroform	34.2		6.7	0.67	0.39
74-87-3	Chloromethane	32.1		6.7	0.67	0.55
10061-01-5	cis-1,3-Dichloropropene	33.5		6.7	0.67	0.45
124-48-1	Dibromochloromethane	32.2		6.7	1.3	0.73
106-93-4	1,2-Dibromoethane	35.0		6.7	1.3	0.67
75-34-3	1,1-Dichloroethane	35.7		6.7	0.67	0.48
107-06-2	1,2-Dichloroethane	34.4		6.7	0.67	0.45
75-35-4	1,1-Dichloroethene	39.6		6.7	1.3	0.69
540-59-0	1,2-Dichloroethene, Total	70.9		13	1.3	1.0
78-87-5	1,2-Dichloropropane	34.9		6.7	1.3	0.92
100-41-4	Ethylbenzene	35.3		6.7	0.67	0.35
591-78-6	2-Hexanone	61.9		27	1.3	0.84
75-09-2	Methylene Chloride	34.2		6.7	1.3	0.89
108-10-1	4-Methyl-2-pentanone (MIBK)	62.6		27	1.3	0.72
100-42-5	Styrene	36.5		6.7	0.67	0.20
79-34-5	1,1,2,2-Tetrachloroethane	32.9		6.7	0.67	0.45
127-18-4	Tetrachloroethene	35.6		6.7	1.3	0.69
108-88-3	Toluene	37.3		6.7	0.67	0.36
10061-02-6	trans-1,3-Dichloropropene	29.7		6.7	1.3	0.72
71-55-6	1,1,1-Trichloroethane	36.1		6.7	1.3	0.75
79-00-5	1,1,2-Trichloroethane	34.1		6.7	0.67	0.52
79-01-6	Trichloroethene	35.5		6.7	0.67	0.56
75-01-4	Vinyl chloride	33.5		6.7	0.67	0.52
1330-20-7	Xylenes, Total	107		13	2.0	0.89

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO MSD Lab Sample ID: 240-18544-8 MSD

Matrix: Solid Lab File ID: UX82504.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 14:40

Sample wt/vol: 4.035(g) Date Analyzed: 12/15/2012 21:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 7.0 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	97		85-120
1868-53-7	Dibromofluoromethane (Surr)	97		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		61-130
2037-26-5	Toluene-d8 (Surr)	100		85-115

Report Date: 19-Dec-2012 02:39:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82504.D
Lims ID: 240-18544-H-8-A MSD Client ID: 076SB-0091M-0002-SO
Inject. Date: 15-Dec-2012 21:21:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015886-013
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 12
Lims Batch ID: 68879 Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 16-Dec-2012 23:38:49

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.147	0.009	99	1600075	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	98	1145651	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	99	549743	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.624	-0.001	58	387830	48.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.884	0.0	97	478030	47.7	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1430578	49.9	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	92	482991	48.6	
12 Dichlorodifluoromethane	85	1.572	1.572	0.0	96	124929	22.3	
13 Chloromethane	50	1.749	1.749	0.0	100	239342	24.1	
14 Vinyl chloride	62	1.867	1.867	0.0	99	154074	25.1	
15 Bromomethane	94	2.187	2.187	0.0	90	72622	21.0	
16 Chloroethane	64	2.281	2.281	0.0	93	86291	23.1	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	97	211391	28.7	
19 Ethyl ether	59	2.743	2.734	0.009	95	198193	25.1	
20 Acrolein	56	2.837	2.837	0.0	92	94441	52.1	
21 1,1-Dichloroethene	96	2.932	2.932	0.0	96	152129	29.8	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.944	0.0	91	138884	30.3	
22 Acetone	43	2.955	2.956	-0.001	97	205552	47.8	
24 Iodomethane	142	3.050	3.050	0.0	99	292229	26.7	
26 Carbon disulfide	76	3.109	3.109	0.0	98	418613	27.7	
27 Acetonitrile	41	3.168	3.169	-0.001	98	122809	72.4	
28 Methyl acetate	43	3.216	3.216	0.0	98	278906	27.6	
30 Methylene Chloride	84	3.298	3.299	-0.001	92	185701	25.7	
31 2-Methyl-2-propanol	59	3.381	3.382	-0.001	91	369957	467.6	
32 Acrylonitrile	53	3.476	3.476	0.0	96	309541	74.0	
34 Methyl tert-butyl ether	73	3.523	3.523	0.0	86	471352	24.9	
33 trans-1,2-Dichloroethene	96	3.523	3.523	0.0	72	179491	27.5	
35 Hexane	86	3.736	3.736	0.0	96	52921	29.5	
36 1,1-Dichloroethane	63	3.831	3.831	0.0	95	332502	26.8	
37 Vinyl acetate	86	3.866	3.855	0.011	95	27636	19.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	3.878	3.881	-0.003	98	161391	28.0	
42 cis-1,2-Dichloroethene	96	4.268	4.269	-0.001	89	191517	25.7	
41 2-Butanone (MEK)	43	4.268	4.269	-0.001	95	287932	45.6	
43 2,2-Dichloropropane	77	4.280	4.280	0.0	73	139893	28.2	
47 Chlorobromomethane	128	4.458	4.458	0.0	93	103399	24.3	
48 Tetrahydrofuran	42	4.493	4.493	0.0	93	92353	24.2	
49 Chloroform	83	4.505	4.505	0.0	99	301009	25.7	
50 1,1,1-Trichloroethane	97	4.671	4.671	0.0	93	234577	27.1	
51 Cyclohexane	56	4.718	4.718	0.0	97	378780	27.9	
52 1,1-Dichloropropene	75	4.789	4.789	0.0	82	227289	28.1	
53 Carbon tetrachloride	117	4.801	4.801	0.0	85	222681	28.0	
54 Isobutyl alcohol	41	4.813	4.816	-0.003	93	510818	1246.7	
56 1,2-Dichloroethane	62	4.943	4.943	0.0	59	295055	25.8	
55 Benzene	78	4.954	4.943	0.011	93	670574	26.8	
60 Trichloroethene	130	5.439	5.440	-0.001	94	202453	26.6	
63 Methylcyclohexane	83	5.605	5.605	0.0	93	303804	28.3	
62 1,2-Dichloropropane	63	5.617	5.617	0.0	81	180920	26.2	
65 Dibromomethane	93	5.712	5.712	0.0	83	107015	26.4	
67 Dichlorobromomethane	83	5.830	5.830	0.0	96	207056	26.6	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.185	0.0	79	213610	25.1	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.303	0.0	98	527201	47.0	
72 Toluene	91	6.480	6.481	-0.001	96	792877	28.0	
73 trans-1,3-Dichloropropene	75	6.646	6.646	0.0	92	187755	22.3	
75 1,1,2-Trichloroethane	97	6.800	6.800	0.0	95	151825	25.6	
76 1,3-Dichloropropane	76	6.953	6.954	-0.001	92	246866	25.8	
77 Tetrachloroethene	164	6.953	6.966	-0.013	86	160885	26.7	
78 2-Hexanone	43	7.001	7.001	0.0	97	356024	46.5	
79 Chlorodibromomethane	129	7.155	7.155	0.0	90	157381	24.1	
123 Ethylene Dibromide	107	7.273	7.273	0.0	97	153315	26.3	
82 Chlorobenzene	112	7.711	7.711	0.0	94	492654	25.4	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.770	0.0	86	158483	25.4	
84 Ethylbenzene	106	7.805	7.794	0.011	98	258871	26.5	
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	98	631805	53.9	
85 o-Xylene	106	8.266	8.267	-0.001	90	297583	26.6	
86 Styrene	104	8.278	8.279	-0.001	90	493153	27.4	
87 Bromoform	173	8.456	8.456	0.0	96	86105	20.7	
88 Isopropylbenzene	105	8.609	8.610	-0.001	96	777733	27.4	
89 Cyclohexanone	55	8.704	8.695	0.009	93	117006	56.2	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.870	0.0	88	157157	24.7	
91 Bromobenzene	156	8.917	8.917	0.0	89	211457	26.6	
92 1,2,3-Trichloropropane	110	8.929	8.929	0.0	77	63424	25.8	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.929	0.0	80	136261	50.0	
94 N-Propylbenzene	120	9.000	9.000	0.0	98	222220	29.5	
95 2-Chlorotoluene	126	9.094	9.095	-0.001	97	190884	27.5	
96 1,3,5-Trimethylbenzene	105	9.165	9.166	-0.001	94	600119	27.6	
104 4-Chlorotoluene	126	9.189	9.189	0.0	98	199447	27.5	
97 tert-Butylbenzene	119	9.485	9.485	0.0	89	600694	29.0	
98 1,2,4-Trimethylbenzene	105	9.532	9.532	0.0	73	615986	28.2	
99 sec-Butylbenzene	105	9.698	9.698	0.0	93	746414	27.4	
100 1,3-Dichlorobenzene	146	9.816	9.816	0.0	84	364205	24.8	
101 4-Isopropyltoluene	119	9.840	9.840	0.0	91	647821	28.4	

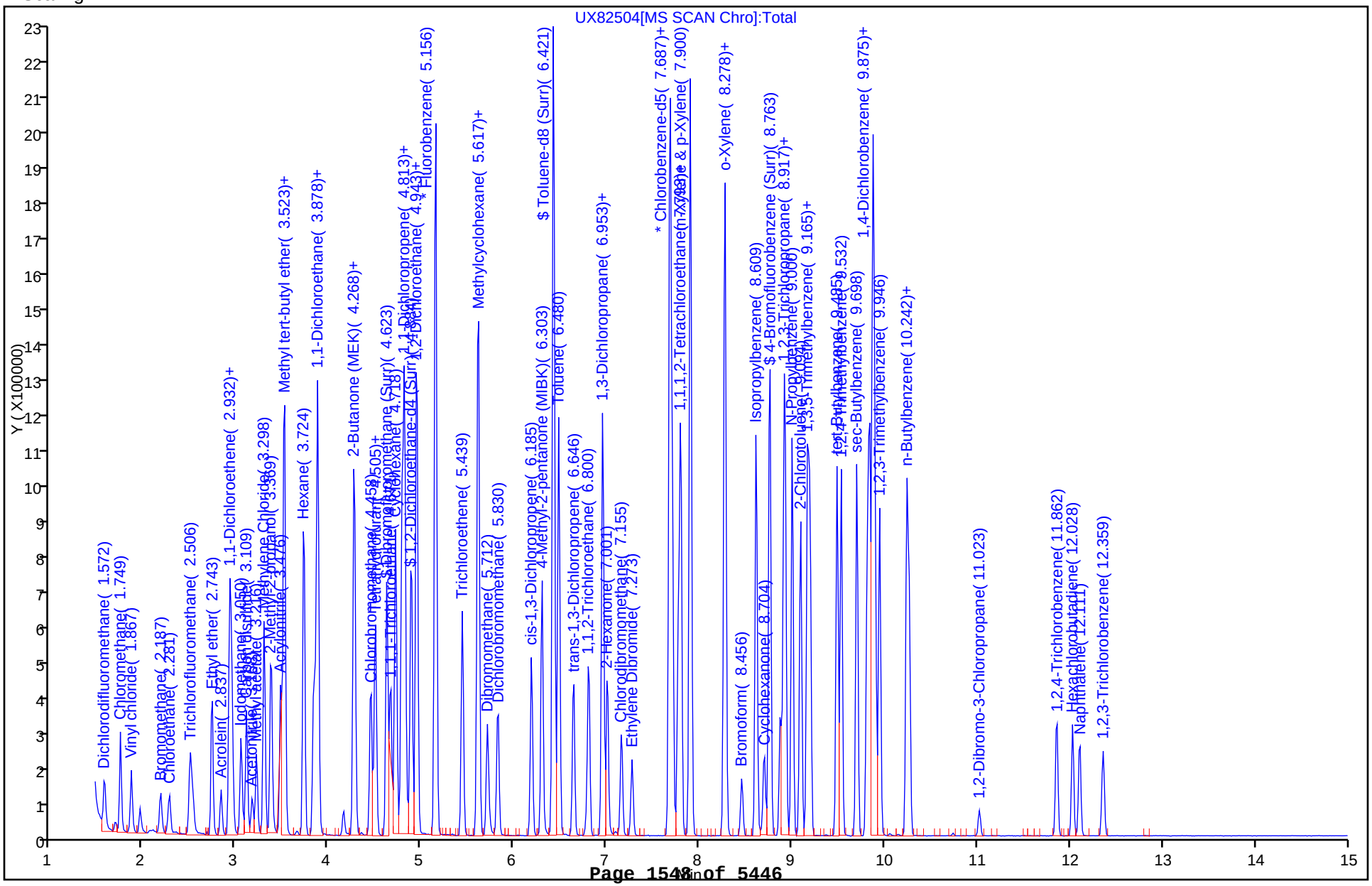
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	9.899	9.899	0.0	93	364026	23.8	
103 1,2,3-Trimethylbenzene	105	9.946	9.949	-0.003	88	565048	25.7	
105 n-Butylbenzene	91	10.242	10.242	0.0	96	500406	26.5	
106 1,2-Dichlorobenzene	146	10.265	10.266	-0.001	98	314683	22.8	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.023	-0.001	58	21208	20.7	
109 1,2,4-Trichlorobenzene	180	11.862	11.863	-0.001	93	125020	17.8	
110 Hexachlorobutadiene	225	12.028	12.028	0.0	91	62788	25.2	
111 Naphthalene	128	12.111	12.099	0.012	96	256109	15.3	
112 1,2,3-Trichlorobenzene	180	12.359	12.359	0.0	94	94695	18.5	
S 136 Trihalomethanes, Total	1				0		97.1	
S 11 1,2-Dichloroethene, Total	96				0		53.2	
S 114 Xylenes, Total	106				0		80.5	

Report Date: 19-Dec-2012 02:39:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82504.D		
Injection Date:	15-Dec-2012 21:21:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0091M-0002-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	13
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MSD | Lab Sample ID: 240-18544-19 MSD

Matrix: Solid | Lab File ID: UX82507.D

Analysis Method: 8260B/DoD | Date Collected: 12/06/2012 15:27

Sample wt/vol: 5.486(g) | Date Analyzed: 12/15/2012 22:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.0 | Level: (low/med) Low

Analysis Batch No.: 68879 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	48.0		19	6.1	6.1
71-43-2	Benzene	26.5		4.9	0.49	0.22
74-97-5	Bromochloromethane	24.2		4.9	0.97	0.69
75-27-4	Bromodichloromethane	26.6		4.9	0.49	0.27
75-25-2	Bromoform	21.6	J	4.9	0.49	0.32
74-83-9	Bromomethane	21.1	J	4.9	0.97	0.52
78-93-3	2-Butanone (MEK)	44.9		19	1.9	1.4
75-15-0	Carbon disulfide	27.4		4.9	0.49	0.43
56-23-5	Carbon tetrachloride	28.0		4.9	0.49	0.36
108-90-7	Chlorobenzene	26.0	J	4.9	0.49	0.32
75-00-3	Chloroethane	24.5	J	4.9	0.97	0.83
67-66-3	Chloroform	25.8		4.9	0.49	0.28
74-87-3	Chloromethane	24.5	J	4.9	0.49	0.40
10061-01-5	cis-1,3-Dichloropropene	25.2	J	4.9	0.49	0.33
124-48-1	Dibromochloromethane	24.6	J	4.9	0.97	0.53
106-93-4	1,2-Dibromoethane	26.2	J	4.9	0.97	0.49
75-34-3	1,1-Dichloroethane	26.8	J	4.9	0.49	0.35
107-06-2	1,2-Dichloroethane	25.8		4.9	0.49	0.33
75-35-4	1,1-Dichloroethene	29.9		4.9	0.97	0.50
540-59-0	1,2-Dichloroethene, Total	52.6		9.7	0.97	0.75
78-87-5	1,2-Dichloropropane	26.2		4.9	0.97	0.67
100-41-4	Ethylbenzene	27.0	J	4.9	0.49	0.25
591-78-6	2-Hexanone	44.4	J	19	0.97	0.61
75-09-2	Methylene Chloride	28.7		4.9	0.97	0.65
108-10-1	4-Methyl-2-pentanone (MIBK)	45.5		19	0.97	0.52
100-42-5	Styrene	28.3	J	4.9	0.49	0.15
79-34-5	1,1,2,2-Tetrachloroethane	25.3	J	4.9	0.49	0.33
127-18-4	Tetrachloroethene	26.5	J	4.9	0.97	0.50
108-88-3	Toluene	28.3	J	4.9	0.49	0.26
10061-02-6	trans-1,3-Dichloropropene	22.2	J	4.9	0.97	0.52
71-55-6	1,1,1-Trichloroethane	27.5	J	4.9	0.97	0.54
79-00-5	1,1,2-Trichloroethane	25.4	J	4.9	0.49	0.38
79-01-6	Trichloroethene	25.8		4.9	0.49	0.41
75-01-4	Vinyl chloride	25.9	J	4.9	0.49	0.38
1330-20-7	Xylenes, Total	81.8	J	9.7	1.5	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MSD Lab Sample ID: 240-18544-19 MSD

Matrix: Solid Lab File ID: UX82507.D

Analysis Method: 8260B/DoD Date Collected: 12/06/2012 15:27

Sample wt/vol: 5.486(g) Date Analyzed: 12/15/2012 22:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.0 Level: (low/med) Low

Analysis Batch No.: 68879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	102		85-120
1868-53-7	Dibromofluoromethane (Surr)	100		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		61-130
2037-26-5	Toluene-d8 (Surr)	104		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82507.D
Lims ID: 240-18544-H-19-A MSD Client ID: 076SB-0100M-0002-SO
Inject. Date: 15-Dec-2012 22:25:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015886-016
Misc. Info.: M21215A,8260SUX8,,402279 =M21215A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 15
Lims Batch ID: 68879 Lims Sample ID: 16
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\8260_8.m
Last Update: 19-Dec-2012 02:39:20 Calib Date: 15-Dec-2012 00:08:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A3UX8\20121214-15873.b\UX82463.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK028

First Level Reviewer: latat Date: 16-Dec-2012 23:46:56

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.147	0.009	99	1517347	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.678	0.009	98	1079041	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.878	-0.003	99	526982	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.624	-0.001	58	376546	49.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.884	0.0	97	463299	49.0	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1392416	51.9	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	94	472778	51.0	
12 Dichlorodifluoromethane	85	1.572	1.572	0.0	96	125407	23.6	
13 Chloromethane	50	1.749	1.749	0.0	89	237622	25.2	
14 Vinyl chloride	62	1.867	1.867	0.0	99	155135	26.7	
15 Bromomethane	94	2.187	2.187	0.0	90	71448	21.8	
16 Chloroethane	64	2.281	2.281	0.0	90	89632	25.3	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	94	206278	29.5	
19 Ethyl ether	59	2.743	2.734	0.009	96	198071	26.4	
20 Acrolein	56	2.837	2.837	0.0	91	87119	50.6	
21 1,1-Dichloroethene	96	2.932	2.932	0.0	96	149342	30.8	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.944	0.0	90	140129	32.2	
22 Acetone	43	2.956	2.956	0.0	97	200805	49.5	
24 Iodomethane	142	3.050	3.050	0.0	99	288658	27.8	
26 Carbon disulfide	76	3.109	3.109	0.0	97	404653	28.2	
27 Acetonitrile	41	3.168	3.169	-0.001	99	112043	69.6	
28 Methyl acetate	43	3.216	3.216	0.0	98	245244	25.6	
30 Methylene Chloride	84	3.299	3.299	0.0	93	201286	29.6	
31 2-Methyl-2-propanol	59	3.370	3.382	-0.012	88	337125	449.3	
32 Acrylonitrile	53	3.476	3.476	0.0	97	294524	74.2	
34 Methyl tert-butyl ether	73	3.523	3.523	0.0	87	457993	25.6	
33 trans-1,2-Dichloroethene	96	3.523	3.523	0.0	72	173263	28.0	
35 Hexane	86	3.736	3.736	0.0	96	54941	32.2	
36 1,1-Dichloroethane	63	3.831	3.831	0.0	98	324781	27.6	
37 Vinyl acetate	86	3.866	3.855	0.011	95	29447	21.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	3.878	3.881	-0.003	97	159676	29.2	
42 cis-1,2-Dichloroethene	96	4.269	4.269	-0.001	88	185489	26.2	
41 2-Butanone (MEK)	43	4.269	4.269	-0.001	93	276640	46.2	
43 2,2-Dichloropropane	77	4.280	4.280	0.0	64	140196	29.8	
47 Chlorobromomethane	128	4.458	4.458	0.0	92	100590	25.0	
48 Tetrahydrofuran	42	4.493	4.493	0.0	90	89177	24.6	
49 Chloroform	83	4.505	4.505	0.0	98	295751	26.6	
50 1,1,1-Trichloroethane	97	4.671	4.671	0.0	93	232965	28.3	
51 Cyclohexane	56	4.718	4.718	0.0	97	371458	28.8	
52 1,1-Dichloropropene	75	4.789	4.789	0.0	81	220024	28.7	
53 Carbon tetrachloride	117	4.801	4.801	0.0	87	217245	28.8	
54 Isobutyl alcohol	41	4.813	4.816	-0.003	92	463463	1192.8	
56 1,2-Dichloroethane	62	4.943	4.943	0.0	60	288454	26.6	
55 Benzene	78	4.943	4.943	0.0	94	649501	27.3	
60 Trichloroethene	130	5.440	5.440	0.0	93	191756	26.6	
63 Methylcyclohexane	83	5.605	5.605	0.0	91	290067	28.5	
62 1,2-Dichloropropane	63	5.617	5.617	0.0	86	177097	27.0	
65 Dibromomethane	93	5.712	5.712	0.0	82	102754	26.8	
67 Dichlorobromomethane	83	5.818	5.830	-0.012	94	202028	27.4	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.185	0.0	80	209030	25.9	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.303	0.0	98	499044	46.9	
72 Toluene	91	6.480	6.481	-0.001	97	777704	29.1	
73 trans-1,3-Dichloropropene	75	6.646	6.646	0.0	91	181614	22.9	
75 1,1,2-Trichloroethane	97	6.800	6.800	0.0	95	146149	26.1	
76 1,3-Dichloropropane	76	6.954	6.954	0.0	90	239828	26.6	
77 Tetrachloroethene	164	6.954	6.966	-0.012	91	154870	27.3	
78 2-Hexanone	43	7.001	7.001	0.0	96	330306	45.8	
79 Chlorodibromomethane	129	7.155	7.155	0.0	90	155681	25.3	
123 Ethylene Dibromide	107	7.273	7.273	0.0	97	148311	27.0	
82 Chlorobenzene	112	7.711	7.711	0.0	94	489230	26.8	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.770	0.0	83	156136	26.6	
84 Ethylbenzene	106	7.793	7.794	-0.001	98	255884	27.8	
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	98	627512	56.8	
85 o-Xylene	106	8.267	8.267	0.0	90	290032	27.6	
86 Styrene	104	8.278	8.279	-0.001	88	495538	29.2	
87 Bromoform	173	8.456	8.456	0.0	96	87609	22.3	
88 Isopropylbenzene	105	8.610	8.610	0.0	96	759253	28.4	
89 Cyclohexanone	55	8.704	8.695	0.009	96	97220	49.6	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.870	0.0	93	158974	26.1	
91 Bromobenzene	156	8.917	8.917	0.0	84	204908	26.9	
92 1,2,3-Trichloropropane	110	8.929	8.929	0.0	77	63667	27.0	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.929	0.0	76	133495	51.1	
94 N-Propylbenzene	120	9.000	9.000	0.0	98	213739	29.6	
95 2-Chlorotoluene	126	9.095	9.095	0.0	97	182955	27.5	
96 1,3,5-Trimethylbenzene	105	9.166	9.166	0.0	85	598445	28.7	
104 4-Chlorotoluene	126	9.201	9.189	0.012	97	188704	27.1	
97 tert-Butylbenzene	119	9.485	9.485	0.0	88	594256	29.9	
98 1,2,4-Trimethylbenzene	105	9.532	9.532	0.0	77	595000	28.4	
99 sec-Butylbenzene	105	9.698	9.698	0.0	94	731605	28.0	
100 1,3-Dichlorobenzene	146	9.816	9.816	0.0	84	359057	25.5	
101 4-Isopropyltoluene	119	9.840	9.840	0.0	91	636749	29.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	9.899	9.899	0.0	94	361067	24.6	
103 1,2,3-Trimethylbenzene	105	9.946	9.949	-0.003	89	557268	26.4	
105 n-Butylbenzene	91	10.242	10.242	0.0	97	493395	27.3	
106 1,2-Dichlorobenzene	146	10.266	10.266	0.0	97	316852	24.0	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.023	0.0	55	20103	20.5	
109 1,2,4-Trichlorobenzene	180	11.862	11.863	-0.001	94	127068	18.8	
110 Hexachlorobutadiene	225	12.028	12.028	0.0	89	63299	26.8	
111 Naphthalene	128	12.111	12.099	0.012	96	264514	16.5	
112 1,2,3-Trichlorobenzene	180	12.359	12.359	0.0	96	99641	20.5	
S 136 Trihalomethanes, Total	1				0		101.6	
S 11 1,2-Dichloroethene, Total	96				0		54.2	
S 114 Xylenes, Total	106				0		84.4	

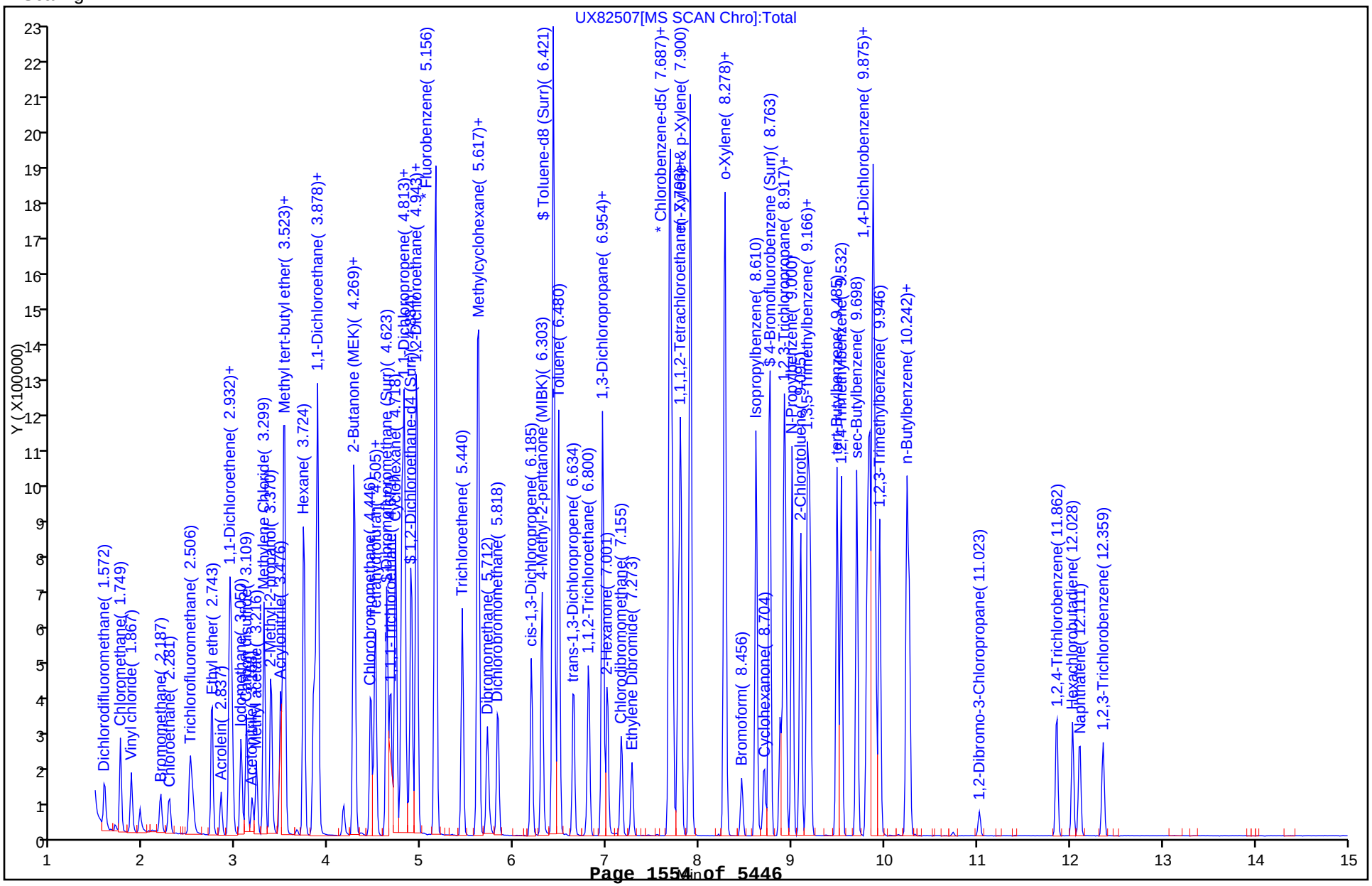
Report Date: 19-Dec-2012 02:39:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121215-15886.b\UX82507.D

Injection Date:	15-Dec-2012 22:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	A3UX8
Lims Batch ID:	68879	Lims Sample ID:	16
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A3UX11 Start Date: 12/11/2012 11:08

Analysis Batch Number: 68124 End Date: 12/11/2012 22:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-68124/1		12/11/2012 11:08	1	BFB030F.D	DB-624 0.18(mm)
STD8260 240-68124/2 IC		12/11/2012 11:39	1	UXJ8935.D	DB-624 0.18(mm)
STD8260 240-68124/3 IC		12/11/2012 12:01	1	UXJ8936.D	DB-624 0.18(mm)
STD8260 240-68124/4 ICIS		12/11/2012 12:24	1	UXJ8937.D	DB-624 0.18(mm)
STD8260 240-68124/5 IC		12/11/2012 12:47	1	UXJ8938.D	DB-624 0.18(mm)
STD8260 240-68124/6 IC		12/11/2012 13:09	1	UXJ8939.D	DB-624 0.18(mm)
STD8260 240-68124/7 IC		12/11/2012 13:32	1	UXJ8940.D	DB-624 0.18(mm)
STD6 240-68124/8 IC		12/11/2012 13:55	1		DB-624 0.18(mm)
STD5 240-68124/9 IC		12/11/2012 14:17	1		DB-624 0.18(mm)
STD4 240-68124/10 IC		12/11/2012 14:40	1		DB-624 0.18(mm)
STD3 240-68124/11 IC		12/11/2012 15:02	1		DB-624 0.18(mm)
STD2 240-68124/12 IC		12/11/2012 15:25	1		DB-624 0.18(mm)
STD1 240-68124/13 IC		12/11/2012 15:48	1		DB-624 0.18(mm)
ICV 240-68124/14		12/11/2012 16:10	1	UXJ8947.D	DB-624 0.18(mm)
CCV 240-68124/15		12/11/2012 16:33	1		DB-624 0.18(mm)
ZZZZZ		12/11/2012 16:55	1		DB-624 0.18(mm)
ZZZZZ		12/11/2012 17:40	1		DB-624 0.18(mm)
ZZZZZ		12/11/2012 18:03	1000		DB-624 0.18(mm)
ZZZZZ		12/11/2012 22:31	1000		DB-624 0.18(mm)
ZZZZZ		12/11/2012 22:54	1000		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A3UX11 Start Date: 12/12/2012 10:59

Analysis Batch Number: 68395 End Date: 12/12/2012 20:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-68395/1		12/12/2012 10:59	1	BFB031C.D	DB-624 0.18(mm)
CCV 240-68395/3		12/12/2012 12:07	1	UXJ8967.D	DB-624 0.18(mm)
CCV 240-68395/2		12/12/2012 12:30	1	UXJ8968.D	DB-624 0.18(mm)
MRL 240-68395/4		12/12/2012 12:52	1	UXJ8969.D	DB-624 0.18(mm)
LCS 240-68395/5		12/12/2012 13:15	1	UXJ8970.D	DB-624 0.18(mm)
MB 240-68395/6		12/12/2012 14:01	1	UXJ8972.D	DB-624 0.18(mm)
ZZZZZ		12/12/2012 14:23	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 14:46	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 15:09	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 15:32	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 15:55	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 16:17	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 16:40	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 17:03	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 17:26	1		DB-624 0.18(mm)
240-18544-9	072SB-0069-0001-TB	12/12/2012 17:48	1	UXJ8982.D	DB-624 0.18(mm)
240-18544-35	076SB-0116-0001-TB	12/12/2012 18:11	1	UXJ8983.D	DB-624 0.18(mm)
240-18544-36	076SB-0117-0001-TB	12/12/2012 18:34	1	UXJ8984.D	DB-624 0.18(mm)
240-18544-37	076SB-0118-0001-TB	12/12/2012 18:56	1	UXJ8985.D	DB-624 0.18(mm)
ZZZZZ		12/12/2012 19:19	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 19:41	1		DB-624 0.18(mm)
MRL 240-68395/22		12/12/2012 20:04	1	UXJ8988.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A3UX8 Start Date: 12/11/2012 03:04

Analysis Batch Number: 68080 End Date: 12/11/2012 09:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-68080/1		12/11/2012 03:04	1	BFB8148.D	DB-624 0.18(mm)
STD8260 240-68080/3 IC		12/11/2012 03:47	1	UX82336.D	DB-624 0.18(mm)
STD8260 240-68080/4 IC		12/11/2012 04:08	1	UX82337.D	DB-624 0.18(mm)
STD8260 240-68080/5 IC		12/11/2012 04:29	1	UX82338.D	DB-624 0.18(mm)
ICIS 240-68080/6		12/11/2012 04:51	1	UX82339.D	DB-624 0.18(mm)
STD8260 240-68080/7 IC		12/11/2012 05:12	1	UX82340.D	DB-624 0.18(mm)
STD8260 240-68080/8 IC		12/11/2012 05:33	1	UX82341.D	DB-624 0.18(mm)
STD8260 240-68080/9 IC		12/11/2012 05:54	1	UX82342.D	DB-624 0.18(mm)
STD8260 240-68080/10 IC		12/11/2012 06:15	1	UX82343.D	DB-624 0.18(mm)
STDA9 240-68080/11 IC		12/11/2012 06:37	1		DB-624 0.18(mm)
STDA9 240-68080/12 IC		12/11/2012 06:58	1		DB-624 0.18(mm)
STDA9 240-68080/13 IC		12/11/2012 07:19	1		DB-624 0.18(mm)
STDA9 240-68080/14 IC		12/11/2012 07:40	1		DB-624 0.18(mm)
STDA9 240-68080/15 IC		12/11/2012 08:02	1		DB-624 0.18(mm)
STDA9 240-68080/16 IC		12/11/2012 08:23	1		DB-624 0.18(mm)
ICV 240-68080/18		12/11/2012 09:05	1	UX82351.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A3UX8 Start Date: 12/11/2012 22:03

Analysis Batch Number: 68264 End Date: 12/12/2012 09:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-68264/1		12/11/2012 22:03	1	BFB8149.D	DB-624 0.18(mm)
CCV 240-68264/3		12/11/2012 22:45	1		DB-624 0.18(mm)
CCV 240-68264/4		12/11/2012 23:07	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 00:01	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 00:22	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 00:43	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 01:05	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 01:31	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 01:52	1.667		DB-624 0.18(mm)
ZZZZZ		12/12/2012 02:14	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 02:35	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 03:18	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 04:00	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 04:21	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 04:43	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 05:04	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 05:25	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 05:46	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 06:08	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 06:50	1		DB-624 0.18(mm)
ZZZZZ		12/12/2012 09:19	1		DB-624 0.18(mm)
LODV 240-68264/32		12/12/2012 09:40	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A3UX8 Start Date: 12/13/2012 22:28

Analysis Batch Number: 68663 End Date: 12/14/2012 10:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-68663/1		12/13/2012 22:28	1	BFB8152.D	DB-624 0.18(mm)
CCV 240-68663/3		12/13/2012 23:10	1	UX82424.D	DB-624 0.18(mm)
CCV 240-68663/4		12/13/2012 23:32	1	UX82425.D	DB-624 0.18(mm)
MRL 240-68663/5		12/13/2012 23:53	1	UX82426.D	DB-624 0.18(mm)
LCS 240-68663/6		12/14/2012 00:14	1	UX82427.D	DB-624 0.18(mm)
MB 240-68663/7		12/14/2012 00:35	1	UX82428.D	DB-624 0.18(mm)
ZZZZZ		12/14/2012 01:52	1		DB-624 0.18(mm)
ZZZZZ		12/14/2012 02:13	1		DB-624 0.18(mm)
ZZZZZ		12/14/2012 02:34	1		DB-624 0.18(mm)
ZZZZZ		12/14/2012 02:56	1		DB-624 0.18(mm)
ZZZZZ		12/14/2012 03:17	1		DB-624 0.18(mm)
ZZZZZ		12/14/2012 03:38	1		DB-624 0.18(mm)
ZZZZZ		12/14/2012 04:00	1		DB-624 0.18(mm)
ZZZZZ		12/14/2012 04:42	1		DB-624 0.18(mm)
ZZZZZ		12/14/2012 05:25	1		DB-624 0.18(mm)
ZZZZZ		12/14/2012 05:46	1		DB-624 0.18(mm)
ZZZZZ		12/14/2012 06:07	1		DB-624 0.18(mm)
ZZZZZ		12/14/2012 06:28	1		DB-624 0.18(mm)
ZZZZZ		12/14/2012 06:50	1		DB-624 0.18(mm)
240-18544-1	072SB-0063-0001-SO	12/14/2012 07:11	1	UX82445.D	DB-624 0.18(mm)
240-18544-1 MS	072SB-0063-0001-SO MS	12/14/2012 07:32	1	UX82446.D	DB-624 0.18(mm)
240-18544-1 MSD	072SB-0063-0001-SO MSD	12/14/2012 07:53	1	UX82447.D	DB-624 0.18(mm)
MRL 240-68663/32		12/14/2012 10:01	1	UX82453.D	DB-624 0.18(mm)
MDLV 240-68663/33		12/14/2012 10:22	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A3UX8 Start Date: 12/14/2012 20:55

Analysis Batch Number: 68830 End Date: 12/15/2012 08:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-68830/1		12/14/2012 20:55	1	BFB8153.D	DB-624 0.18(mm)
STD8260 240-68830/3 IC		12/14/2012 21:39	1	UX82456.D	DB-624 0.18(mm)
STD8260 240-68830/4 IC		12/14/2012 22:01	1	UX82457.D	DB-624 0.18(mm)
STD8260 240-68830/5 IC		12/14/2012 22:22	1	UX82458.D	DB-624 0.18(mm)
ICIS 240-68830/6		12/14/2012 22:43	1	UX82459.D	DB-624 0.18(mm)
STD8260 240-68830/7 IC		12/14/2012 23:04	1	UX82460.D	DB-624 0.18(mm)
STD8260 240-68830/8 IC		12/14/2012 23:26	1	UX82461.D	DB-624 0.18(mm)
STD8260 240-68830/9 IC		12/14/2012 23:47	1	UX82462.D	DB-624 0.18(mm)
STD8260 240-68830/10 IC		12/15/2012 00:08	1	UX82463.D	DB-624 0.18(mm)
CCV 240-68830/11		12/15/2012 00:29	1	UX82464.D	DB-624 0.18(mm)
ICV 240-68830/12		12/15/2012 00:50	1	UX82465.D	DB-624 0.18(mm)
LCS 240-68830/13		12/15/2012 01:12	1	UX82466.D	DB-624 0.18(mm)
MRL 240-68830/14		12/15/2012 01:33	1	UX82467.D	DB-624 0.18(mm)
MB 240-68830/15		12/15/2012 01:54	1	UX82468.D	DB-624 0.18(mm)
ZZZZZ		12/15/2012 02:51	1		DB-624 0.18(mm)
240-18544-3	072SB-0065-0001-SO	12/15/2012 03:13	1	UX82471.D	DB-624 0.18(mm)
240-18544-7	076SB-0090M-0001-SO	12/15/2012 03:34	1	UX82472.D	DB-624 0.18(mm)
240-18544-7 MS	076SB-0090M-0001-SO MS	12/15/2012 03:55	1	UX82473.D	DB-624 0.18(mm)
240-18544-7 MSD	076SB-0090M-0001-SO MSD	12/15/2012 04:16	1	UX82474.D	DB-624 0.18(mm)
240-18544-10	076SB-0092-0001-SO	12/15/2012 04:38	1	UX82475.D	DB-624 0.18(mm)
240-18544-11	076SB-0093-0001-SO	12/15/2012 04:59	1	UX82476.D	DB-624 0.18(mm)
240-18544-12	076SB-0094-0001-SO	12/15/2012 05:20	1	UX82477.D	DB-624 0.18(mm)
240-18544-14	076SB-0096-0001-SO	12/15/2012 06:03	1	UX82479.D	DB-624 0.18(mm)
240-18544-15	076SB-0097-0001-SO	12/15/2012 06:24	1	UX82480.D	DB-624 0.18(mm)
240-18544-16	076SB-0098-0001-SO	12/15/2012 06:45	1	UX82481.D	DB-624 0.18(mm)
240-18544-17	076SB-0099-0001-SO	12/15/2012 07:06	1	UX82482.D	DB-624 0.18(mm)
240-18544-20	076SB-0101M-0001-SO	12/15/2012 07:28	1	UX82483.D	DB-624 0.18(mm)
240-18544-21	076SB-0102M-0001-SO	12/15/2012 07:49	1	UX82484.D	DB-624 0.18(mm)
ZZZZZ		12/15/2012 08:10	1		DB-624 0.18(mm)
MRL 240-68830/33		12/15/2012 08:31	1	UX82486.D	DB-624 0.18(mm)
MDLV 240-68830/34		12/15/2012 08:52	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A3UX8 Start Date: 12/15/2012 16:52

Analysis Batch Number: 68879 End Date: 12/16/2012 04:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-68879/1		12/15/2012 16:52	1	BFB8155.D	DB-624 0.18(mm)
CCV 240-68879/3		12/15/2012 17:36	1	UX82494.D	DB-624 0.18(mm)
CCV 240-68879/4		12/15/2012 17:58	1	UX82495.D	DB-624 0.18(mm)
MRL 240-68879/5		12/15/2012 18:19	1	UX82496.D	DB-624 0.18(mm)
LCS 240-68879/6		12/15/2012 18:40	1	UX82497.D	DB-624 0.18(mm)
MB 240-68879/7		12/15/2012 19:02	1	UX82498.D	DB-624 0.18(mm)
240-18544-13	076SB-0095-0001-SO	12/15/2012 19:56	1	UX82500.D	DB-624 0.18(mm)
240-18544-8	076SB-0091M-0001-SO	12/15/2012 20:39	1	UX82502.D	DB-624 0.18(mm)
240-18544-8 MS	076SB-0091M-0001-SO MS	12/15/2012 21:00	1	UX82503.D	DB-624 0.18(mm)
240-18544-8 MSD	076SB-0091M-0001-SO MSD	12/15/2012 21:21	1	UX82504.D	DB-624 0.18(mm)
240-18544-19	076SB-0100M-0001-SO	12/15/2012 21:42	1	UX82505.D	DB-624 0.18(mm)
240-18544-19 MS	076SB-0100M-0001-SO MS	12/15/2012 22:04	1	UX82506.D	DB-624 0.18(mm)
240-18544-19 MSD	076SB-0100M-0001-SO MSD	12/15/2012 22:25	1	UX82507.D	DB-624 0.18(mm)
240-18544-22	076SB-0103M-0001-SO	12/15/2012 22:46	1	UX82508.D	DB-624 0.18(mm)
240-18544-23	076SB-0104M-0001-SO	12/15/2012 23:07	1	UX82509.D	DB-624 0.18(mm)
240-18544-24	076SB-0105M-0001-SO	12/15/2012 23:29	1	UX82510.D	DB-624 0.18(mm)
240-18544-25	076SB-0106M-0001-SO	12/15/2012 23:50	1	UX82511.D	DB-624 0.18(mm)
240-18544-26	076SB-0107M-0001-SO	12/16/2012 00:11	1	UX82512.D	DB-624 0.18(mm)
240-18544-27	076SB-0108M-0001-SO	12/16/2012 00:33	1	UX82513.D	DB-624 0.18(mm)
240-18544-28	076SB-0109M-0001-SO	12/16/2012 00:54	1	UX82514.D	DB-624 0.18(mm)
240-18544-29	076SB-0110M-0001-SO	12/16/2012 01:15	1	UX82515.D	DB-624 0.18(mm)
240-18544-30	076SB-0111M-0001-SO	12/16/2012 01:36	1	UX82516.D	DB-624 0.18(mm)
240-18544-31	076SB-0112M-0001-SO	12/16/2012 01:57	1	UX82517.D	DB-624 0.18(mm)
240-18544-32	076SB-0113M-0001-SO	12/16/2012 02:19	1	UX82518.D	DB-624 0.18(mm)
240-18544-33	076SB-0114M-0001-SO	12/16/2012 02:40	1	UX82519.D	DB-624 0.18(mm)
240-18544-34	076SB-0115M-0001-SO	12/16/2012 03:01	1	UX82520.D	DB-624 0.18(mm)
ZZZZZ		12/16/2012 03:22	1		DB-624 0.18(mm)
240-18544-2	072SB-0064-0001-SO	12/16/2012 03:44	1	UX82522.D	DB-624 0.18(mm)
240-18544-4	072SB-0066-0001-SO	12/16/2012 04:05	1	UX82523.D	DB-624 0.18(mm)
MRL 240-68879/33		12/16/2012 04:26	1	UX82524.D	DB-624 0.18(mm)
MDLV 240-68879/34		12/16/2012 04:47	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A3UX8 Start Date: 12/16/2012 22:59

Analysis Batch Number: 68905 End Date: 12/17/2012 10:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-68905/1		12/16/2012 22:59	1	BFB8156.D	DB-624 0.18(mm)
CCV 240-68905/3		12/16/2012 23:43	1	UX82527.D	DB-624 0.18(mm)
CCV 240-68905/4		12/17/2012 00:05	1	UX82528.D	DB-624 0.18(mm)
MRL 240-68905/5		12/17/2012 00:26	1	UX82529.D	DB-624 0.18(mm)
LCS 240-68905/6		12/17/2012 00:47	1	UX82530.D	DB-624 0.18(mm)
MB 240-68905/7		12/17/2012 01:09	1	UX82531.D	DB-624 0.18(mm)
ZZZZZ		12/17/2012 02:03	1		DB-624 0.18(mm)
240-18544-5	072SB-0067-0001-SO	12/17/2012 02:46	1	UX82535.D	DB-624 0.18(mm)
240-18544-6	072SB-0068-0001-SO	12/17/2012 03:07	1	UX82536.D	DB-624 0.18(mm)
240-18544-18	076SB-0078-0001-SO	12/17/2012 03:28	1	UX82537.D	DB-624 0.18(mm)
ZZZZZ		12/17/2012 03:50	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 04:11	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 04:32	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 04:53	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 05:15	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 05:36	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 05:57	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 06:19	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 06:40	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 07:01	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 07:22	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 07:44	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 08:05	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 08:26	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 08:47	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 09:09	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 09:30	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 09:51	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 10:12	1		DB-624 0.18(mm)
MRL 240-68905/33		12/17/2012 10:34	1	UX82557.D	DB-624 0.18(mm)
MDLV 240-68905/34		12/17/2012 10:55	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A3UX8 Start Date: 12/17/2012 22:30

Analysis Batch Number: 69093 End Date: 12/18/2012 10:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-69093/2		12/17/2012 22:30	1	BFB8158.D	DB-624 0.18(mm)
CCV 240-69093/4		12/17/2012 23:11	1		DB-624 0.18(mm)
CCV 240-69093/5		12/17/2012 23:33	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 23:54	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 00:15	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 00:37	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 01:10	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 01:31	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 01:52	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 02:14	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 02:35	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 03:18	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 04:00	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 04:21	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 05:04	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 05:25	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 05:46	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 06:08	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 06:50	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 07:11	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 08:15	1		DB-624 0.18(mm)
ZZZZZ		12/18/2012 10:01	1		DB-624 0.18(mm)
MDLV 240-69093/35		12/18/2012 10:23	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A3UX8 Start Date: 12/31/2012 17:31

Analysis Batch Number: 70792 End Date: 12/31/2012 20:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-70792/1		12/31/2012 17:31	1	BFB8166.D	DB-624 0.18(mm)
CCV 240-70792/3		12/31/2012 18:14	1		DB-624 0.18(mm)
CCV 240-70792/4		12/31/2012 18:35	1		DB-624 0.18(mm)
ZZZZZ		12/31/2012 18:57	1		DB-624 0.18(mm)
ZZZZZ		12/31/2012 19:18	1		DB-624 0.18(mm)
ZZZZZ		12/31/2012 20:00	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 68262 Batch Start Date: 12/11/12 21:01 Batch Analyst: Mancine, Louis

Batch Method: 5035 Batch End Date: 12/11/12 23:26

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
240-18544-D-1	072SB-0063-0001-SO	5035, 8260B/DoD	T	+030.406 g	35.23 g	4.824 g	5 mL		
240-18544-F-1 MS	072SB-0063-0001-SO	5035, 8260B/DoD	T	+030.086 g	35.88 g	5.794 g	5 mL		
240-18544-H-1 MSD	072SB-0063-0001-SO	5035, 8260B/DoD	T	+030.646 g	34.44 g	3.794 g	5 mL		
240-18544-C-2	072SB-0064-0001-SO	5035, 8260B/DoD	T	+030.755 g	37.36 g	6.605 g	5 mL		
240-18544-B-3	072SB-0065-0001-SO	5035, 8260B/DoD	T	+030.746 g	37.22 g	6.474 g	5 mL		
240-18544-C-4	072SB-0066-0001-SO	5035, 8260B/DoD	T	+030.616 g	37.49 g	6.874 g	5 mL		
240-18544-C-5	072SB-0067-0001-SO	5035, 8260B/DoD	T	+029.870 g	35.93 g	6.06 g	5 mL		
240-18544-C-6	072SB-0068-0001-SO	5035, 8260B/DoD	T	+030.447 g	36.06 g	5.613 g	5 mL		
240-18544-D-7	076SB-0090M-0001-SO	5035, 8260B/DoD	T	+030.620 g	35.13 g	4.51 g	5 mL		
240-18544-F-7 MS	076SB-0090M-0001-SO	5035, 8260B/DoD	T	+030.924 g	35.41 g	4.486 g	5 mL		
240-18544-H-7 MSD	076SB-0090M-0001-SO	5035, 8260B/DoD	T	30.507 g	34.12 g	3.613 g	5 mL	Terra core was received with no tare weight, so an average tare weight was used	
240-18544-D-8	076SB-0091M-0001-SO	5035, 8260B/DoD	T	+030.529 g	35.81 g	5.281 g	5 mL		
240-18544-F-8 MS	076SB-0091M-0001-SO	5035, 8260B/DoD	T	+030.095 g	34.36 g	4.265 g	5 mL		
240-18544-H-8 MSD	076SB-0091M-0001-SO	5035, 8260B/DoD	T	+030.095 g	34.13 g	4.035 g	5 mL		
240-18544-B-10	076SB-0092-0001-SO	5035, 8260B/DoD	T	+030.231 g	35.78 g	5.549 g	5 mL		
240-18544-B-11	076SB-0093-0001-SO	5035, 8260B/DoD	T	30.507 g	35.06 g	4.553 g	5 mL	Terra core was received with no tare weight, so an average tare weight was used	
240-18544-B-12	076SB-0094-0001-SO	5035, 8260B/DoD	T	+030.656 g	35.47 g	4.814 g	5 mL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 68262 Batch Start Date: 12/11/12 21:01 Batch Analyst: Mancine, Louis

Batch Method: 5035 Batch End Date: 12/11/12 23:26

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
240-18544-C-13	076SB-0095-0001-SO	5035, 8260B/DoD	T	+029.986 g	35.02 g	5.034 g	5 mL		
240-18544-B-14	076SB-0096-0001-SO	5035, 8260B/DoD	T	+030.784 g	36.84 g	6.056 g	5 mL		
240-18544-B-15	076SB-0097-0001-SO	5035, 8260B/DoD	T	+030.303 g	36.62 g	6.317 g	5 mL		
240-18544-B-16	076SB-0098-0001-SO	5035, 8260B/DoD	T	+030.453 g	36.22 g	5.767 g	5 mL		
240-18544-B-17	076SB-0099-0001-SO	5035, 8260B/DoD	T	+029.887 g	35.52 g	5.633 g	5 mL		
240-18544-C-18	076SB-0078-0001-SO	5035, 8260B/DoD	T	30.507 g	35.61 g	5.103 g	5 mL	Terra core was received with no tare weight, so an average tare weight was used.	
240-18544-D-19	076SB-0100M-0001-SO	5035, 8260B/DoD	T	+030.087 g	34.89 g	4.803 g	5 mL		
240-18544-F-19 MS	076SB-0100M-0001-SO	5035, 8260B/DoD	T	+030.462 g	37.19 g	6.728 g	5 mL		
240-18544-H-19 MSD	076SB-0100M-0001-SO	5035, 8260B/DoD	T	+030.424 g	35.91 g	5.486 g	5 mL		
240-18544-B-20	076SB-0101M-0001-SO	5035, 8260B/DoD	T	+030.159 g	35.51 g	5.351 g	5 mL		
240-18544-B-21	076SB-0102M-0001-SO	5035, 8260B/DoD	T	+030.686 g	35.46 g	4.774 g	5 mL		
240-18544-B-22	076SB-0103M-0001-SO	5035, 8260B/DoD	T	+030.603 g	35.80 g	5.197 g	5 mL		
240-18544-B-23	076SB-0104M-0001-SO	5035, 8260B/DoD	T	+030.633 g	36.80 g	6.167 g	5 mL		
240-18544-B-24	076SB-0105M-0001-SO	5035, 8260B/DoD	T	+030.471 g	35.44 g	4.969 g	5 mL		
240-18544-B-25	076SB-0106M-0001-SO	5035, 8260B/DoD	T	+030.511 g	36.35 g	5.839 g	5 mL		
240-18544-B-26	076SB-0107M-0001-SO	5035, 8260B/DoD	T	+030.676 g	35.87 g	5.194 g	5 mL		
240-18544-B-27	076SB-0108M-0001-SO	5035, 8260B/DoD	T	+030.778 g	36.99 g	6.212 g	5 mL		
240-18544-B-28	076SB-0109M-0001-SO	5035, 8260B/DoD	T	+030.371 g	37.80 g	7.429 g	5 mL		
240-18544-B-29	076SB-0110M-0001-SO	5035, 8260B/DoD	T	+030.082 g	35.89 g	5.808 g	5 mL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 68262 Batch Start Date: 12/11/12 21:01 Batch Analyst: Mancine, Louis

Batch Method: 5035 Batch End Date: 12/11/12 23:26

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
240-18544-B-30	076SB-0111M-0001 -SO	5035, 8260B/DoD	T	+030.005 g	36.28 g	6.275 g	5 mL		
240-18544-B-31	076SB-0112M-0001 -SO	5035, 8260B/DoD	T	+030.077 g	36.56 g	6.483 g	5 mL		
240-18544-B-32	076SB-0113M-0001 -SO	5035, 8260B/DoD	T	30.507 g	36.82 g	6.313 g	5 mL	Terra core was received with no tare weight, so an average tare weight was used.	
240-18544-B-33	076SB-0114M-0001 -SO	5035, 8260B/DoD	T	+030.026 g	36.30 g	6.274 g	5 mL		
240-18544-B-34	076SB-0115M-0001 -SO	5035, 8260B/DoD	T	+030.938 g	36.78 g	5.842 g	5 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8270C DOD

Semivolatile Compounds (GC/MS) by Method 8270/DOD

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RXI-5SILMS ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
072SB-0063-0001-SO	240-18544-1	65	66	52	52	38	59
072SB-0064-0001-SO	240-18544-2	62	60	49	47	47	57
072SB-0065-0001-SO	240-18544-3	68	65	51	51	50	61
072SB-0066-0001-SO	240-18544-4	67	66	51	51	58	59
072SB-0067-0001-SO	240-18544-5	54	56	40	48	55	60
072SB-0068-0001-SO	240-18544-6	66	64	49	50	45	57
076SB-0090M-0001-SO	240-18544-7	64	66	51	51	64	60
076SB-0091M-0001-SO	240-18544-8	71	70	53	56	69	65
076SB-0092-0001-SO	240-18544-10	66	64	48	51	74	65
076SB-0093-0001-SO	240-18544-11	65	64	51	52	73	66
076SB-0094-0001-SO	240-18544-12	69	67	52	52	67	59
076SB-0095-0001-SO	240-18544-13	68	68	52	53	68	60
076SB-0096-0001-SO	240-18544-14	62	59	45	46	56	56
076SB-0097-0001-SO	240-18544-15	63	63	49	49	59	57
076SB-0098-0001-SO	240-18544-16	66	68	54	53	47	59
076SB-0099-0001-SO	240-18544-17	72	71	56	56	71	63
076SB-0078-0001-SO	240-18544-18	64	61	50	49	57	62
076SB-0100M-0001-SO	240-18544-19	65	65	52	53	58	59
076SB-0101M-0001-SO	240-18544-20	65	66	54	52	52	61
076SB-0102M-0001-SO	240-18544-21	65	66	49	52	61	59
076SB-0103M-0001-SO	240-18544-22	62	62	46	48	61	58
076SB-0104M-0001-SO	240-18544-23	61	66	51	53	59	60
076SB-0105M-0001-SO	240-18544-24	60	65	49	51	63	61
076SB-0106M-0001-SO	240-18544-25	49	67	57	57	22 Q	62
076SB-0106M-0001-SO RE	240-18544-25 RE	72	82	65	60	53	70
076SB-0107M-0001-SO	240-18544-26	60	71	57	56	50	65
076SB-0108M-0001-SO	240-18544-27	57	62	48	50	42	56
076SB-0109M-0001-SO	240-18544-28	63	69	58	56	59	64
076SB-0110M-0001-SO	240-18544-29	64	73	56	54	65	62

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	35-105
PHL = Phenol-d5 (Surr)	40-100
NBZ = Nitrobenzene-d5 (Surr)	35-100
FBP = 2-Fluorobiphenyl (Surr)	45-105
TBP = 2,4,6-Tribromophenol (Surr)	35-125
TPH = Terphenyl-d14 (Surr)	30-125

Column to be used to flag recovery values

FORM II 8270C/DoD

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RXI-5SILMS ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
076SB-0111M-0001-SO	240-18544-30	59	64	50	51	58	55
076SB-0112M-0001-SO	240-18544-31	79	76	50	59	51	63
076SB-0113M-0001-SO	240-18544-32	86	78	61	62	57	71
076SB-0114M-0001-SO	240-18544-33	60	62	48	47	58	54
076SB-0115M-0001-SO	240-18544-34	66	67	51	52	69	61
	MB 240-69176/23-A	73	72	57	57	61	68
	MB 240-69185/20-A	78	79	62	61	67	74
	MB 240-70267/23-A	76	75	63	56	65	66
	LCS 240-69176/24-A	80	80	62	61	75	68
	LCS 240-69185/21-A	79	79	61	59	63	70
	LCS 240-70267/24-A	78	80	62	58	75	70
072SB-0063-0001-SO MS	240-18544-1 MS	75	75	59	59	58	67
076SB-0090M-0001-SO MS	240-18544-7 MS	61	60	49	49	52	55
076SB-0091M-0001-SO MS	240-18544-8 MS	67	66	50	50	70	60
076SB-0100M-0001-SO MS	240-18544-19 MS	59	58	44	46	58	48
072SB-0063-0001-SO MSD	240-18544-1 MSD	63	64	52	51	56	63
076SB-0090M-0001-SO MSD	240-18544-7 MSD	74	73	58	59	76	65
076SB-0091M-0001-SO MSD	240-18544-8 MSD	63	60	48	48	59	49
076SB-0100M-0001-SO MSD	240-18544-19 MSD	65	62	50	48	58	51

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	35-105
PHL = Phenol-d5 (Surr)	40-100
NBZ = Nitrobenzene-d5 (Surr)	35-100
FBP = 2-Fluorobiphenyl (Surr)	45-105
TBP = 2,4,6-Tribromophenol (Surr)	35-125
TPH = Terphenyl-d14 (Surr)	30-125

Column to be used to flag recovery values

FORM II 8270C/DoD

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RXI-5SILMS ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
	MRL 240-69932/3	102	102 Q	102 Q	103	109	104
	MRL 240-69932/24	102	102 Q	100	104	115	100
	MRL 240-69977/3	100	98	96	98	100	94
	MRL 240-69977/27	101	101 Q	97	98	105	94

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	50-150
PHL = Phenol-d5 (Surr)	50-150
NBZ = Nitrobenzene-d5 (Surr)	50-150
FBP = 2-Fluorobiphenyl (Surr)	50-150
TBP = 2,4,6-Tribromophenol (Surr)	50-150
TPH = Terphenyl-d14 (Surr)	50-150

Column to be used to flag recovery values

FORM II 8270C/DoD

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RXI-5SILMS ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
	MRL 240-70078/3	107 Q	104 Q	100	102	106	102
	MRL 240-70078/16	103	104 Q	104 Q	103	110	102
	MRL 240-70566/3	103	106 Q	107 Q	95	109	100
	MRL 240-70566/13	112 Q	109 Q	98	99	112	99
	MRL 240-70814/11	105	101 Q	92	102	105	95
	MRL 240-70814/13	102	98	106 Q	100	118	97

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	50-150
PHL = Phenol-d5 (Surr)	50-150
NBZ = Nitrobenzene-d5 (Surr)	50-150
FBP = 2-Fluorobiphenyl (Surr)	50-150
TBP = 2,4,6-Tribromophenol (Surr)	50-150
TPH = Terphenyl-d14 (Surr)	50-150

Column to be used to flag recovery values

FORM II 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223005.D

Lab ID: LCS 240-69176/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	501	75	45-110	
Acenaphthylene	667	520	78	45-105	
Anthracene	667	532	80	55-105	
Benzo[a]anthracene	667	516	77	50-110	
Benzo[a]pyrene	667	495	74	50-110	
Benzo[b]fluoranthene	667	515	77	45-115	
Benzo[g,h,i]perylene	667	547	82	40-125	
Benzoic acid	667	330 U	32	0-110	
Benzo[k]fluoranthene	667	572	86	45-125	
Benzyl alcohol	667	508	76	20-125	
Bis(2-chloroethoxy)methane	667	422	63	45-110	
Bis(2-chloroethyl)ether	667	422	63	40-105	
bis (2-chloroisopropyl) ether	667	420	63	20-115	
Bis(2-ethylhexyl) phthalate	667	484	73	45-125	
4-Bromophenyl phenyl ether	667	462	69	45-115	
Butyl benzyl phthalate	667	513	77	50-125	
Carbazole	667	516	77	45-115	
4-Chloroaniline	667	396	59	10-110	
4-Chloro-3-methylphenol	667	508	76	45-115	
2-Chloronaphthalene	667	427	64	45-105	
2-Chlorophenol	667	525	79	45-105	
4-Chlorophenyl phenyl ether	667	440	66	45-110	
Chrysene	667	527	79	55-110	
Dibenz(a,h)anthracene	667	541	81	40-125	
Dibenzofuran	667	496	74	50-105	
1,2-Dichlorobenzene	667	426	64	45-110	
1,3-Dichlorobenzene	667	427	64	40-100	
1,4-Dichlorobenzene	667	521	78	35-105	
3,3'-Dichlorobenzidine	667	334	50	10-130	
2,4-Dichlorophenol	667	513	77	45-110	
Diethyl phthalate	667	504	76	50-115	
2,4-Dimethylphenol	667	375	56	30-105	
Dimethyl phthalate	667	522	78	50-110	
Di-n-butyl phthalate	667	532	80	55-110	
4,6-Dinitro-2-methylphenol	667	445	67	30-135	
2,4-Dinitrophenol	667	327 J	49	15-130	
2,4-Dinitrotoluene	667	441	66	50-115	
2,6-Dinitrotoluene	667	452	68	50-110	
Di-n-octyl phthalate	667	469	70	40-130	
Fluoranthene	667	526	79	55-115	
Fluorene	667	521	78	50-110	
Hexachlorobenzene	667	442	66	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223005.D

Lab ID: LCS 240-69176/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	423	63	40-115	
Hexachloroethane	667	441	66	35-110	
Indeno[1,2,3-cd]pyrene	667	542	81	40-120	
Isophorone	667	516	77	45-110	
2-Methylnaphthalene	667	496	74	45-105	
2-Methylphenol	667	500	75	40-105	
3 & 4 Methylphenol	1330	1020	77	40-105	
Naphthalene	667	510	77	40-105	
2-Nitroaniline	667	531	80	45-120	
3-Nitroaniline	667	478	72	25-110	
4-Nitroaniline	667	523	78	35-115	
Nitrobenzene	667	429	64	40-115	
2-Nitrophenol	667	513	77	40-110	
4-Nitrophenol	667	499	75	15-140	
N-Nitrosodi-n-propylamine	667	531	80	40-115	
N-Nitrosodiphenylamine	667	531	80	50-115	
Pentachlorophenol	667	383	57	25-120	
Phenanthrene	667	525	79	50-110	
Phenol	667	530	80	40-100	
Pyrene	667	511	77	45-125	
1,2,4-Trichlorobenzene	667	412	62	45-110	
2,4,5-Trichlorophenol	667	519	78	50-110	
2,4,6-Trichlorophenol	667	519	78	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224005.D

Lab ID: LCS 240-69185/21-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	480	72	45-110	
Acenaphthylene	667	500	75	45-105	
Anthracene	667	555	83	55-105	
Benzo[a]anthracene	667	526	79	50-110	
Benzo[a]pyrene	667	530	79	50-110	
Benzo[b]fluoranthene	667	546	82	45-115	
Benzo[g,h,i]perylene	667	592	89	40-125	
Benzoic acid	667	330 U	23	0-110	
Benzo[k]fluoranthene	667	598	90	45-125	
Benzyl alcohol	667	494	74	20-125	
Bis(2-chloroethoxy)methane	667	416	62	45-110	
Bis(2-chloroethyl)ether	667	415	62	40-105	
bis (2-chloroisopropyl) ether	667	406	61	20-115	
Bis(2-ethylhexyl) phthalate	667	522	78	45-125	
4-Bromophenyl phenyl ether	667	466	70	45-115	
Butyl benzyl phthalate	667	549	82	50-125	
Carbazole	667	552	83	45-115	
4-Chloroaniline	667	370	55	10-110	
4-Chloro-3-methylphenol	667	509	76	45-115	
2-Chloronaphthalene	667	420	63	45-105	
2-Chlorophenol	667	514	77	45-105	
4-Chlorophenyl phenyl ether	667	436	65	45-110	
Chrysene	667	568	85	55-110	
Dibenz(a,h)anthracene	667	581	87	40-125	
Dibenzofuran	667	490	74	50-105	
1,2-Dichlorobenzene	667	421	63	45-110	
1,3-Dichlorobenzene	667	416	62	40-100	
1,4-Dichlorobenzene	667	499	75	35-105	
3,3'-Dichlorobenzidine	667	351	53	10-130	
2,4-Dichlorophenol	667	497	74	45-110	
Diethyl phthalate	667	516	77	50-115	
2,4-Dimethylphenol	667	372	56	30-105	
Dimethyl phthalate	667	522	78	50-110	
Di-n-butyl phthalate	667	564	85	55-110	
4,6-Dinitro-2-methylphenol	667	404	61	30-135	
2,4-Dinitrophenol	667	246 J	37	15-130	
2,4-Dinitrotoluene	667	434	65	50-115	
2,6-Dinitrotoluene	667	450	67	50-110	
Di-n-octyl phthalate	667	496	74	40-130	
Fluoranthene	667	559	84	55-115	
Fluorene	667	514	77	50-110	
Hexachlorobenzene	667	461	69	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224005.D

Lab ID: LCS 240-69185/21-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	404	61	40-115	
Hexachloroethane	667	439	66	35-110	
Indeno[1,2,3-cd]pyrene	667	580	87	40-120	
Isophorone	667	506	76	45-110	
2-Methylnaphthalene	667	492	74	45-105	
2-Methylphenol	667	483	73	40-105	
3 & 4 Methylphenol	1330	1010	76	40-105	
Naphthalene	667	496	74	40-105	
2-Nitroaniline	667	510	77	45-120	
3-Nitroaniline	667	472	71	25-110	
4-Nitroaniline	667	533	80	35-115	
Nitrobenzene	667	412	62	40-115	
2-Nitrophenol	667	505	76	40-110	
4-Nitrophenol	667	497	75	15-140	
N-Nitrosodi-n-propylamine	667	510	77	40-115	
N-Nitrosodiphenylamine	667	551	83	50-115	
Pentachlorophenol	667	394	59	25-120	
Phenanthrene	667	535	80	50-110	
Phenol	667	519	78	40-100	
Pyrene	667	534	80	45-125	
1,2,4-Trichlorobenzene	667	406	61	45-110	
2,4,5-Trichlorophenol	667	453	68	50-110	
2,4,6-Trichlorophenol	667	439	66	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21229007.D

Lab ID: LCS 240-70267/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	482	72	45-110	
Acenaphthylene	667	490	74	45-105	
Anthracene	667	520	78	55-105	
Benzo[a]anthracene	667	536	80	50-110	
Benzo[a]pyrene	667	477	72	50-110	
Benzo[b]fluoranthene	667	490	74	45-115	
Benzo[g,h,i]perylene	667	547	82	40-125	
Benzoic acid	667	330 U	16	0-110	M
Benzo[k]fluoranthene	667	530	80	45-125	
Benzyl alcohol	667	546	82	20-125	
Bis(2-chloroethoxy)methane	667	439	66	45-110	
Bis(2-chloroethyl)ether	667	419	63	40-105	
bis (2-chloroisopropyl) ether	667	431	65	20-115	
Bis(2-ethylhexyl) phthalate	667	601	90	45-125	
4-Bromophenyl phenyl ether	667	471	71	45-115	
Butyl benzyl phthalate	667	610	91	50-125	
Carbazole	667	542	81	45-115	
4-Chloroaniline	667	396	59	10-110	
4-Chloro-3-methylphenol	667	572	86	45-115	
2-Chloronaphthalene	667	410	62	45-105	
2-Chlorophenol	667	501	75	45-105	
4-Chlorophenyl phenyl ether	667	426	64	45-110	
Chrysene	667	545	82	55-110	
Dibenz(a,h)anthracene	667	525	79	40-125	
Dibenzofuran	667	495	74	50-105	
1,2-Dichlorobenzene	667	400	60	45-110	
1,3-Dichlorobenzene	667	378	57	40-100	
1,4-Dichlorobenzene	667	480	72	35-105	
3,3'-Dichlorobenzidine	667	383	57	10-130	
2,4-Dichlorophenol	667	544	82	45-110	
Diethyl phthalate	667	541	81	50-115	
2,4-Dimethylphenol	667	407	61	30-105	
Dimethyl phthalate	667	546	82	50-110	
Di-n-butyl phthalate	667	573	86	55-110	
4,6-Dinitro-2-methylphenol	667	428	64	30-135	
2,4-Dinitrophenol	667	283 J	43	15-130	
2,4-Dinitrotoluene	667	468	70	50-115	
2,6-Dinitrotoluene	667	477	72	50-110	
Di-n-octyl phthalate	667	523	78	40-130	
Fluoranthene	667	541	81	55-115	
Fluorene	667	511	77	50-110	
Hexachlorobenzene	667	429	64	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21229007.D

Lab ID: LCS 240-70267/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	376	56	40-115	
Hexachloroethane	667	420	63	35-110	
Indeno[1,2,3-cd]pyrene	667	526	79	40-120	
Isophorone	667	538	81	45-110	
2-Methylnaphthalene	667	482	72	45-105	
2-Methylphenol	667	525	79	40-105	
3 & 4 Methylphenol	1330	1090	82	40-105	
Naphthalene	667	484	73	40-105	
2-Nitroaniline	667	570	86	45-120	
3-Nitroaniline	667	533	80	25-110	
4-Nitroaniline	667	522	78	35-115	
Nitrobenzene	667	423	63	40-115	
2-Nitrophenol	667	520	78	40-110	
4-Nitrophenol	667	476	71	15-140	
N-Nitrosodi-n-propylamine	667	532	80	40-115	
N-Nitrosodiphenylamine	667	550	82	50-115	
Pentachlorophenol	667	322	48	25-120	
Phenanthrene	667	511	77	50-110	
Phenol	667	542	81	40-100	
Pyrene	667	533	80	45-125	
1,2,4-Trichlorobenzene	667	383	57	45-110	
2,4,5-Trichlorophenol	667	551	83	50-110	
2,4,6-Trichlorophenol	667	524	79	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223003.D

Lab ID: MRL 240-69932/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.16	103	70-130	
Acenaphthylene	5.00	5.16	103	70-130	
Anthracene	5.00	5.26	105	70-130	
Benzo[a]anthracene	5.00	5.24	105	70-130	
Benzo[a]pyrene	5.00	5.43	109	70-130	
Benzo[b]fluoranthene	5.00	5.24	105	70-130	
Benzo[g,h,i]perylene	5.00	5.42	108	70-130	
Benzoic acid	10.0	9.37	94	70-130	
Benzo[k]fluoranthene	5.00	5.52	110	70-130	
Benzyl alcohol	5.00	4.86	97	70-130	
Bis(2-chloroethoxy)methane	5.00	5.18	104	70-130	
Bis(2-chloroethyl)ether	5.00	4.97	99	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.18	104	70-130	
4-Bromophenyl phenyl ether	5.00	5.24	105	70-130	
Butyl benzyl phthalate	5.00	5.13	103	70-130	
Carbazole	5.00	5.20	104	70-130	
4-Chloro-3-methylphenol	5.00	5.14	103	70-130	
2-Chloronaphthalene	5.00	5.17	103	70-130	
2-Chlorophenol	5.00	5.13	103	70-130	
4-Chlorophenyl phenyl ether	5.00	5.17	103	70-130	
Chrysene	5.00	5.26	105	70-130	
Dibenz(a,h)anthracene	5.00	5.26	105	70-130	
Dibenzofuran	5.00	4.99	100	70-130	
1,2-Dichlorobenzene	5.00	5.03	101	70-130	
1,3-Dichlorobenzene	5.00	5.18	104	70-130	
1,4-Dichlorobenzene	5.00	5.21	104	70-130	
3,3'-Dichlorobenzidine	5.00	5.24	105	70-130	
2,4-Dichlorophenol	5.00	5.22	104	70-130	
Diethyl phthalate	5.00	5.01	100	70-130	
2,4-Dimethylphenol	5.00	5.17	103	70-130	
Dimethyl phthalate	5.00	5.11	102	70-130	
Di-n-butyl phthalate	5.00	5.07	101	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.05	101	70-130	
2,4-Dinitrophenol	10.0	10.4	104	70-130	
2,4-Dinitrotoluene	5.00	5.10	102	70-130	
2,6-Dinitrotoluene	5.00	5.07	101	70-130	
Di-n-octyl phthalate	5.00	4.78	96	70-130	
Fluoranthene	5.00	5.10	102	70-130	
Fluorene	5.00	5.13	103	70-130	
Hexachlorobenzene	5.00	5.23	105	70-130	
Hexachlorobutadiene	5.00	5.09	102	70-130	
Hexachloroethane	5.00	5.01	100	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223003.D

Lab ID: MRL 240-69932/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.42	108	70-130	
Isophorone	5.00	5.02	100	70-130	
2-Methylnaphthalene	5.00	4.93	99	70-130	
2-Methylphenol	5.00	5.19	104	70-130	
3 & 4 Methylphenol	5.00	5.01	100	70-130	
Naphthalene	5.00	5.10	102	70-130	
2-Nitroaniline	5.00	5.00	100	70-130	
3-Nitroaniline	5.00	5.28	106	70-130	
4-Nitroaniline	5.00	5.17	103	70-130	
Nitrobenzene	5.00	5.17	103	70-130	
2-Nitrophenol	5.00	5.13	103	70-130	
4-Nitrophenol	5.00	5.17	103	70-130	
N-Nitrosodi-n-propylamine	5.00	5.11	102	70-130	
N-Nitrosodiphenylamine	5.00	5.19	104	70-130	
Pentachlorophenol	10.0	10.8	108	70-130	
Phenanthrene	5.00	5.16	103	70-130	
Phenol	5.00	5.20	104	70-130	
Pyrene	5.00	5.35	107	70-130	
1,2,4-Trichlorobenzene	5.00	5.24	105	70-130	
2,4,5-Trichlorophenol	5.00	5.07	101	70-130	
2,4,6-Trichlorophenol	5.00	5.51	110	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223024.D

Lab ID: MRL 240-69932/24 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.14	103	70-130	
Acenaphthylene	5.00	5.25	105	70-130	
Anthracene	5.00	5.17	103	70-130	
Benzo[a]anthracene	5.00	5.17	103	70-130	
Benzo[a]pyrene	5.00	5.31	106	70-130	
Benzo[b]fluoranthene	5.00	5.29	106	70-130	
Benzo[g,h,i]perylene	5.00	5.19	104	70-130	
Benzoic acid	10.0	9.53	95	70-130	
Benzo[k]fluoranthene	5.00	5.08	102	70-130	
Benzyl alcohol	5.00	5.12	102	70-130	
Bis(2-chloroethoxy)methane	5.00	4.97	99	70-130	
Bis(2-chloroethyl)ether	5.00	5.04	101	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.09	102	70-130	
4-Bromophenyl phenyl ether	5.00	5.21	104	70-130	
Butyl benzyl phthalate	5.00	5.22	104	70-130	
Carbazole	5.00	5.10	102	70-130	
4-Chloro-3-methylphenol	5.00	5.16	103	70-130	
2-Chloronaphthalene	5.00	5.23	105	70-130	
2-Chlorophenol	5.00	5.10	102	70-130	
4-Chlorophenyl phenyl ether	5.00	5.19	104	70-130	
Chrysene	5.00	5.05	101	70-130	
Dibenz(a,h)anthracene	5.00	5.10	102	70-130	
Dibenzofuran	5.00	5.10	102	70-130	
1,2-Dichlorobenzene	5.00	5.05	101	70-130	
1,3-Dichlorobenzene	5.00	5.06	101	70-130	
1,4-Dichlorobenzene	5.00	5.25	105	70-130	
3,3'-Dichlorobenzidine	5.00	5.19	104	70-130	
2,4-Dichlorophenol	5.00	5.19	104	70-130	
Diethyl phthalate	5.00	5.14	103	70-130	
2,4-Dimethylphenol	5.00	5.18	104	70-130	
Dimethyl phthalate	5.00	5.18	104	70-130	
Di-n-butyl phthalate	5.00	5.14	103	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.67	93	70-130	
2,4-Dinitrophenol	10.0	9.16	92	70-130	
2,4-Dinitrotoluene	5.00	5.43	109	70-130	
2,6-Dinitrotoluene	5.00	5.19	104	70-130	
Di-n-octyl phthalate	5.00	5.02	100	70-130	
Fluoranthene	5.00	5.04	101	70-130	
Fluorene	5.00	5.27	105	70-130	
Hexachlorobenzene	5.00	5.00	100	70-130	
Hexachlorobutadiene	5.00	5.22	104	70-130	
Hexachloroethane	5.00	5.06	101	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223024.D

Lab ID: MRL 240-69932/24 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.34	107	70-130	
Isophorone	5.00	4.99	100	70-130	
2-Methylnaphthalene	5.00	5.05	101	70-130	
2-Methylphenol	5.00	5.16	103	70-130	
3 & 4 Methylphenol	5.00	4.96	99	70-130	
Naphthalene	5.00	5.06	101	70-130	
2-Nitroaniline	5.00	5.27	105	70-130	
3-Nitroaniline	5.00	5.64	113	70-130	
4-Nitroaniline	5.00	5.64	113	70-130	
Nitrobenzene	5.00	5.02	100	70-130	
2-Nitrophenol	5.00	5.17	103	70-130	
4-Nitrophenol	5.00	5.11	102	70-130	
N-Nitrosodi-n-propylamine	5.00	5.01	100	70-130	
N-Nitrosodiphenylamine	5.00	5.05	101	70-130	
Pentachlorophenol	10.0	10.9	109	70-130	
Phenanthrene	5.00	5.02	100	70-130	
Phenol	5.00	5.14	103	70-130	
Pyrene	5.00	5.18	104	70-130	
1,2,4-Trichlorobenzene	5.00	5.31	106	70-130	
2,4,5-Trichlorophenol	5.00	5.25	105	70-130	
2,4,6-Trichlorophenol	5.00	5.40	108	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224003.D

Lab ID: MRL 240-69977/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.72	94	70-130	
Acenaphthylene	5.00	4.92	98	70-130	
Anthracene	5.00	4.82	96	70-130	
Benzo[a]anthracene	5.00	4.69	94	70-130	
Benzo[a]pyrene	5.00	5.09	102	70-130	
Benzo[b]fluoranthene	5.00	4.93	99	70-130	
Benzo[g,h,i]perylene	5.00	5.02	100	70-130	
Benzoic acid	10.0	9.38	94	70-130	
Benzo[k]fluoranthene	5.00	5.22	104	70-130	
Benzyl alcohol	5.00	4.71	94	70-130	
Bis(2-chloroethoxy)methane	5.00	4.92	98	70-130	
Bis(2-chloroethyl)ether	5.00	4.88	98	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.60	92	70-130	
4-Bromophenyl phenyl ether	5.00	4.86	97	70-130	
Butyl benzyl phthalate	5.00	4.50	90	70-130	
Carbazole	5.00	4.83	97	70-130	
4-Chloro-3-methylphenol	5.00	4.90	98	70-130	
2-Chloronaphthalene	5.00	4.74	95	70-130	
2-Chlorophenol	5.00	5.01	100	70-130	
4-Chlorophenyl phenyl ether	5.00	4.86	97	70-130	
Chrysene	5.00	4.89	98	70-130	
Dibenz(a,h)anthracene	5.00	5.08	102	70-130	
Dibenzofuran	5.00	4.66	93	70-130	
1,2-Dichlorobenzene	5.00	4.89	98	70-130	
1,3-Dichlorobenzene	5.00	4.97	99	70-130	
1,4-Dichlorobenzene	5.00	5.00	100	70-130	
3,3'-Dichlorobenzidine	5.00	4.88	98	70-130	
2,4-Dichlorophenol	5.00	4.92	98	70-130	
Diethyl phthalate	5.00	4.68	94	70-130	
2,4-Dimethylphenol	5.00	5.01	100	70-130	
Dimethyl phthalate	5.00	4.81	96	70-130	
Di-n-butyl phthalate	5.00	4.65	93	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.67	93	70-130	
2,4-Dinitrophenol	10.0	9.66	97	70-130	
2,4-Dinitrotoluene	5.00	4.95	99	70-130	
2,6-Dinitrotoluene	5.00	4.88	98	70-130	
Di-n-octyl phthalate	5.00	4.18	84	70-130	
Fluoranthene	5.00	4.70	94	70-130	
Fluorene	5.00	4.81	96	70-130	
Hexachlorobenzene	5.00	4.88	98	70-130	
Hexachlorobutadiene	5.00	5.07	101	70-130	
Hexachloroethane	5.00	4.88	98	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224003.D

Lab ID: MRL 240-69977/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.11	102	70-130	
Isophorone	5.00	4.72	94	70-130	
2-Methylnaphthalene	5.00	4.77	95	70-130	
2-Methylphenol	5.00	4.86	97	70-130	
3 & 4 Methylphenol	5.00	4.70	94	70-130	
Naphthalene	5.00	4.90	98	70-130	
2-Nitroaniline	5.00	4.84	97	70-130	
3-Nitroaniline	5.00	4.90	98	70-130	
4-Nitroaniline	5.00	5.16	103	70-130	
Nitrobenzene	5.00	4.92	98	70-130	
2-Nitrophenol	5.00	5.04	101	70-130	
4-Nitrophenol	5.00	4.97	99	70-130	
N-Nitrosodi-n-propylamine	5.00	4.92	98	70-130	
N-Nitrosodiphenylamine	5.00	4.84	97	70-130	
Pentachlorophenol	10.0	9.78	98	70-130	
Phenanthrene	5.00	4.69	94	70-130	
Phenol	5.00	4.96	99	70-130	
Pyrene	5.00	4.92	98	70-130	
1,2,4-Trichlorobenzene	5.00	4.95	99	70-130	
2,4,5-Trichlorophenol	5.00	5.10	102	70-130	
2,4,6-Trichlorophenol	5.00	4.95	99	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224027.D

Lab ID: MRL 240-69977/27 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.80	96	70-130	
Acenaphthylene	5.00	4.93	99	70-130	
Anthracene	5.00	4.90	98	70-130	
Benzo[a]anthracene	5.00	4.82	96	70-130	
Benzo[a]pyrene	5.00	5.02	100	70-130	
Benzo[b]fluoranthene	5.00	4.76	95	70-130	
Benzo[g,h,i]perylene	5.00	4.95	99	70-130	
Benzoic acid	10.0	8.29	83	70-130	
Benzo[k]fluoranthene	5.00	4.83	97	70-130	
Benzyl alcohol	5.00	4.62	92	70-130	
Bis(2-chloroethoxy)methane	5.00	4.86	97	70-130	
Bis(2-chloroethyl)ether	5.00	4.86	97	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.93	99	70-130	
4-Bromophenyl phenyl ether	5.00	4.94	99	70-130	
Butyl benzyl phthalate	5.00	4.95	99	70-130	
Carbazole	5.00	4.83	97	70-130	
4-Chloro-3-methylphenol	5.00	4.96	99	70-130	
2-Chloronaphthalene	5.00	4.88	98	70-130	
2-Chlorophenol	5.00	4.97	99	70-130	
4-Chlorophenyl phenyl ether	5.00	4.87	97	70-130	
Chrysene	5.00	4.93	99	70-130	
Dibenz(a,h)anthracene	5.00	4.94	99	70-130	
Dibenzofuran	5.00	4.74	95	70-130	
1,2-Dichlorobenzene	5.00	4.90	98	70-130	
1,3-Dichlorobenzene	5.00	4.91	98	70-130	
1,4-Dichlorobenzene	5.00	4.97	99	70-130	
3,3'-Dichlorobenzidine	5.00	5.06	101	70-130	
2,4-Dichlorophenol	5.00	4.97	99	70-130	
Diethyl phthalate	5.00	4.88	98	70-130	
2,4-Dimethylphenol	5.00	5.01	100	70-130	
Dimethyl phthalate	5.00	4.90	98	70-130	
Di-n-butyl phthalate	5.00	4.83	97	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.69	94	70-130	
2,4-Dinitrophenol	10.0	9.04	90	70-130	
2,4-Dinitrotoluene	5.00	4.99	100	70-130	
2,6-Dinitrotoluene	5.00	4.99	100	70-130	
Di-n-octyl phthalate	5.00	4.61	92	70-130	
Fluoranthene	5.00	4.73	95	70-130	
Fluorene	5.00	4.92	98	70-130	
Hexachlorobenzene	5.00	4.96	99	70-130	
Hexachlorobutadiene	5.00	5.04	101	70-130	
Hexachloroethane	5.00	4.85	97	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224027.D

Lab ID: MRL 240-69977/27 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.17	103	70-130	
Isophorone	5.00	4.91	98	70-130	
2-Methylnaphthalene	5.00	4.75	95	70-130	
2-Methylphenol	5.00	5.02	100	70-130	
3 & 4 Methylphenol	5.00	4.86	97	70-130	
Naphthalene	5.00	4.78	96	70-130	
2-Nitroaniline	5.00	5.00	100	70-130	
3-Nitroaniline	5.00	4.96	99	70-130	
4-Nitroaniline	5.00	5.23	105	70-130	
Nitrobenzene	5.00	4.93	99	70-130	
2-Nitrophenol	5.00	5.00	100	70-130	
4-Nitrophenol	5.00	4.88	98	70-130	
N-Nitrosodi-n-propylamine	5.00	5.02	100	70-130	
N-Nitrosodiphenylamine	5.00	0.00080 U	0	70-130	^
Pentachlorophenol	10.0	10.4	104	70-130	
Phenanthrene	5.00	4.72	94	70-130	
Phenol	5.00	4.90	98	70-130	
Pyrene	5.00	4.87	97	70-130	
1,2,4-Trichlorobenzene	5.00	4.99	100	70-130	
2,4,5-Trichlorophenol	5.00	5.18	104	70-130	
2,4,6-Trichlorophenol	5.00	5.13	103	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21226003.D

Lab ID: MRL 240-70078/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.99	100	70-130	
Acenaphthylene	5.00	5.24	105	70-130	
Anthracene	5.00	5.21	104	70-130	
Benzo[a]anthracene	5.00	5.11	102	70-130	
Benzo[a]pyrene	5.00	5.41	108	70-130	
Benzo[b]fluoranthene	5.00	5.11	102	70-130	
Benzo[g,h,i]perylene	5.00	5.34	107	70-130	
Benzoic acid	10.0	9.14	91	70-130	
Benzo[k]fluoranthene	5.00	5.57	111	70-130	
Benzyl alcohol	5.00	4.83	97	70-130	
Bis(2-chloroethoxy)methane	5.00	5.05	101	70-130	
Bis(2-chloroethyl)ether	5.00	5.13	103	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.92	98	70-130	
4-Bromophenyl phenyl ether	5.00	5.29	106	70-130	
Butyl benzyl phthalate	5.00	4.98	100	70-130	
Carbazole	5.00	5.21	104	70-130	
4-Chloro-3-methylphenol	5.00	5.10	102	70-130	
2-Chloronaphthalene	5.00	5.14	103	70-130	
2-Chlorophenol	5.00	5.17	103	70-130	
4-Chlorophenyl phenyl ether	5.00	5.11	102	70-130	
Chrysene	5.00	5.09	102	70-130	
Dibenz(a,h)anthracene	5.00	5.20	104	70-130	
Dibenzofuran	5.00	4.99	100	70-130	
1,2-Dichlorobenzene	5.00	5.13	103	70-130	
1,3-Dichlorobenzene	5.00	5.13	103	70-130	
1,4-Dichlorobenzene	5.00	5.20	104	70-130	
3,3'-Dichlorobenzidine	5.00	5.27	105	70-130	
2,4-Dichlorophenol	5.00	5.27	105	70-130	
Diethyl phthalate	5.00	4.93	99	70-130	
2,4-Dimethylphenol	5.00	5.14	103	70-130	
Dimethyl phthalate	5.00	5.05	101	70-130	
Di-n-butyl phthalate	5.00	5.13	103	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.88	98	70-130	
2,4-Dinitrophenol	10.0	9.74	97	70-130	
2,4-Dinitrotoluene	5.00	5.21	104	70-130	
2,6-Dinitrotoluene	5.00	5.27	105	70-130	
Di-n-octyl phthalate	5.00	4.68	94	70-130	
Fluoranthene	5.00	5.16	103	70-130	
Fluorene	5.00	5.18	104	70-130	
Hexachlorobenzene	5.00	5.18	104	70-130	
Hexachlorobutadiene	5.00	5.24	105	70-130	
Hexachloroethane	5.00	5.24	105	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21226003.D

Lab ID: MRL 240-70078/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.39	108	70-130	
Isophorone	5.00	5.08	102	70-130	
2-Methylnaphthalene	5.00	5.01	100	70-130	
2-Methylphenol	5.00	5.29	106	70-130	
3 & 4 Methylphenol	5.00	5.10	102	70-130	
Naphthalene	5.00	5.11	102	70-130	
2-Nitroaniline	5.00	5.15	103	70-130	
3-Nitroaniline	5.00	5.28	106	70-130	
4-Nitroaniline	5.00	5.38	108	70-130	
Nitrobenzene	5.00	5.22	104	70-130	
2-Nitrophenol	5.00	5.42	108	70-130	
4-Nitrophenol	5.00	5.18	104	70-130	
N-Nitrosodi-n-propylamine	5.00	5.14	103	70-130	
N-Nitrosodiphenylamine	5.00	5.16	103	70-130	
Pentachlorophenol	10.0	9.55	95	70-130	
Phenanthrene	5.00	4.97	99	70-130	
Phenol	5.00	5.29	106	70-130	
Pyrene	5.00	5.19	104	70-130	
1,2,4-Trichlorobenzene	5.00	5.15	103	70-130	
2,4,5-Trichlorophenol	5.00	5.22	104	70-130	
2,4,6-Trichlorophenol	5.00	5.47	109	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21226016.D

Lab ID: MRL 240-70078/16 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.10	102	70-130	
Acenaphthylene	5.00	5.33	107	70-130	
Anthracene	5.00	5.21	104	70-130	
Benzo[a]anthracene	5.00	5.22	104	70-130	
Benzo[a]pyrene	5.00	5.39	108	70-130	
Benzo[b]fluoranthene	5.00	5.28	106	70-130	
Benzo[g,h,i]perylene	5.00	5.42	108	70-130	
Benzoic acid	10.0	9.40	94	70-130	
Benzo[k]fluoranthene	5.00	4.89	98	70-130	
Benzyl alcohol	5.00	4.93	99	70-130	
Bis(2-chloroethoxy)methane	5.00	5.12	102	70-130	
Bis(2-chloroethyl)ether	5.00	5.10	102	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.00	100	70-130	
4-Bromophenyl phenyl ether	5.00	5.30	106	70-130	
Butyl benzyl phthalate	5.00	5.13	103	70-130	
Carbazole	5.00	5.07	101	70-130	
4-Chloro-3-methylphenol	5.00	5.24	105	70-130	
2-Chloronaphthalene	5.00	5.20	104	70-130	
2-Chlorophenol	5.00	5.17	103	70-130	
4-Chlorophenyl phenyl ether	5.00	5.04	101	70-130	
Chrysene	5.00	5.32	106	70-130	
Dibenz(a,h)anthracene	5.00	5.22	104	70-130	
Dibenzofuran	5.00	5.07	101	70-130	
1,2-Dichlorobenzene	5.00	5.08	102	70-130	
1,3-Dichlorobenzene	5.00	5.06	101	70-130	
1,4-Dichlorobenzene	5.00	5.11	102	70-130	
3,3'-Dichlorobenzidine	5.00	5.19	104	70-130	
2,4-Dichlorophenol	5.00	5.30	106	70-130	
Diethyl phthalate	5.00	5.01	100	70-130	
2,4-Dimethylphenol	5.00	5.15	103	70-130	
Dimethyl phthalate	5.00	5.20	104	70-130	
Di-n-butyl phthalate	5.00	5.11	102	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.83	97	70-130	
2,4-Dinitrophenol	10.0	8.83	88	70-130	
2,4-Dinitrotoluene	5.00	5.35	107	70-130	
2,6-Dinitrotoluene	5.00	5.21	104	70-130	
Di-n-octyl phthalate	5.00	4.64	93	70-130	
Fluoranthene	5.00	5.09	102	70-130	
Fluorene	5.00	5.16	103	70-130	
Hexachlorobenzene	5.00	5.19	104	70-130	
Hexachlorobutadiene	5.00	5.04	101	70-130	
Hexachloroethane	5.00	5.16	103	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21226016.D

Lab ID: MRL 240-70078/16 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.53	111	70-130	
Isophorone	5.00	4.99	100	70-130	
2-Methylnaphthalene	5.00	5.15	103	70-130	
2-Methylphenol	5.00	5.18	104	70-130	
3 & 4 Methylphenol	5.00	5.00	100	70-130	
Naphthalene	5.00	5.10	102	70-130	
2-Nitroaniline	5.00	5.25	105	70-130	
3-Nitroaniline	5.00	5.36	107	70-130	
4-Nitroaniline	5.00	5.44	109	70-130	
Nitrobenzene	5.00	5.22	104	70-130	
2-Nitrophenol	5.00	5.21	104	70-130	
4-Nitrophenol	5.00	5.12	102	70-130	
N-Nitrosodi-n-propylamine	5.00	5.11	102	70-130	
N-Nitrosodiphenylamine	5.00	5.09	102	70-130	
Pentachlorophenol	10.0	10.9	109	70-130	
Phenanthrene	5.00	5.05	101	70-130	
Phenol	5.00	5.21	104	70-130	
Pyrene	5.00	5.24	105	70-130	
1,2,4-Trichlorobenzene	5.00	5.36	107	70-130	
2,4,5-Trichlorophenol	5.00	5.38	108	70-130	
2,4,6-Trichlorophenol	5.00	5.46	109	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21229003.D

Lab ID: MRL 240-70566/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.55	91	70-130	
Acenaphthylene	5.00	4.60	92	70-130	
Anthracene	5.00	4.96	99	70-130	
Benzo[a]anthracene	5.00	5.13	103	70-130	
Benzo[a]pyrene	5.00	5.09	102	70-130	
Benzo[b]fluoranthene	5.00	4.88	98	70-130	
Benzo[g,h,i]perylene	5.00	5.08	102	70-130	
Benzoic acid	10.0	9.11	91	70-130	
Benzo[k]fluoranthene	5.00	4.96	99	70-130	
Benzyl alcohol	5.00	5.36	107	70-130	
Bis(2-chloroethoxy)methane	5.00	5.10	102	70-130	
Bis(2-chloroethyl)ether	5.00	5.11	102	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.51	110	70-130	
4-Bromophenyl phenyl ether	5.00	5.34	107	70-130	
Butyl benzyl phthalate	5.00	5.14	103	70-130	
Carbazole	5.00	5.13	103	70-130	
4-Chloro-3-methylphenol	5.00	5.31	106	70-130	
2-Chloronaphthalene	5.00	4.72	94	70-130	
2-Chlorophenol	5.00	5.30	106	70-130	
4-Chlorophenyl phenyl ether	5.00	4.76	95	70-130	
Chrysene	5.00	4.82	96	70-130	
Dibenz(a,h)anthracene	5.00	4.81	96	70-130	
Dibenzofuran	5.00	4.64	93	70-130	
1,2-Dichlorobenzene	5.00	4.76	95	70-130	
1,3-Dichlorobenzene	5.00	4.72	94	70-130	
1,4-Dichlorobenzene	5.00	5.14	103	70-130	
3,3'-Dichlorobenzidine	5.00	5.23	105	70-130	
2,4-Dichlorophenol	5.00	5.13	103	70-130	
Diethyl phthalate	5.00	4.86	97	70-130	
2,4-Dimethylphenol	5.00	5.06	101	70-130	
Dimethyl phthalate	5.00	5.09	102	70-130	
Di-n-butyl phthalate	5.00	5.14	103	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.22	104	70-130	
2,4-Dinitrophenol	10.0	9.30	93	70-130	
2,4-Dinitrotoluene	5.00	5.52	110	70-130	
2,6-Dinitrotoluene	5.00	5.05	101	70-130	
Di-n-octyl phthalate	5.00	5.04	101	70-130	
Fluoranthene	5.00	5.03	101	70-130	
Fluorene	5.00	4.70	94	70-130	
Hexachlorobenzene	5.00	4.91	98	70-130	
Hexachlorobutadiene	5.00	5.11	102	70-130	
Hexachloroethane	5.00	5.35	107	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21229003.D

Lab ID: MRL 240-70566/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.78	96	70-130	
Isophorone	5.00	5.07	101	70-130	
2-Methylnaphthalene	5.00	4.74	95	70-130	
2-Methylphenol	5.00	5.29	106	70-130	
3 & 4 Methylphenol	5.00	5.14	103	70-130	
Naphthalene	5.00	4.91	98	70-130	
2-Nitroaniline	5.00	5.29	106	70-130	
3-Nitroaniline	5.00	5.58	112	70-130	
4-Nitroaniline	5.00	5.18	104	70-130	
Nitrobenzene	5.00	5.18	104	70-130	
2-Nitrophenol	5.00	5.44	109	70-130	
4-Nitrophenol	5.00	4.23	85	70-130	
N-Nitrosodi-n-propylamine	5.00	5.45	109	70-130	
N-Nitrosodiphenylamine	5.00	5.32	106	70-130	
Pentachlorophenol	10.0	8.72	87	70-130	
Phenanthrene	5.00	4.88	98	70-130	
Phenol	5.00	5.23	105	70-130	
Pyrene	5.00	4.94	99	70-130	
1,2,4-Trichlorobenzene	5.00	4.86	97	70-130	
2,4,5-Trichlorophenol	5.00	5.01	100	70-130	
2,4,6-Trichlorophenol	5.00	5.42	108	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21229013.D

Lab ID: MRL 240-70566/13 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.68	94	70-130	
Acenaphthylene	5.00	4.86	97	70-130	
Anthracene	5.00	4.93	99	70-130	
Benzo[a]anthracene	5.00	5.11	102	70-130	
Benzo[a]pyrene	5.00	4.85	97	70-130	
Benzo[b]fluoranthene	5.00	4.51	90	70-130	
Benzo[g,h,i]perylene	5.00	5.10	102	70-130	
Benzoic acid	10.0	5.30	53	70-130	^
Benzo[k]fluoranthene	5.00	4.97	99	70-130	
Benzyl alcohol	5.00	5.52	110	70-130	
Bis(2-chloroethoxy)methane	5.00	4.85	97	70-130	
Bis(2-chloroethyl)ether	5.00	5.29	106	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.32	106	70-130	
4-Bromophenyl phenyl ether	5.00	5.21	104	70-130	
Butyl benzyl phthalate	5.00	5.34	107	70-130	
Carbazole	5.00	4.98	100	70-130	
4-Chloro-3-methylphenol	5.00	5.07	101	70-130	
2-Chloronaphthalene	5.00	4.69	94	70-130	
2-Chlorophenol	5.00	5.36	107	70-130	
4-Chlorophenyl phenyl ether	5.00	4.97	99	70-130	
Chrysene	5.00	4.87	97	70-130	
Dibenz(a,h)anthracene	5.00	4.58	92	70-130	
Dibenzofuran	5.00	4.65	93	70-130	
1,2-Dichlorobenzene	5.00	4.97	99	70-130	
1,3-Dichlorobenzene	5.00	5.15	103	70-130	
1,4-Dichlorobenzene	5.00	5.25	105	70-130	
3,3'-Dichlorobenzidine	5.00	5.21	104	70-130	
2,4-Dichlorophenol	5.00	5.03	101	70-130	
Diethyl phthalate	5.00	5.04	101	70-130	
2,4-Dimethylphenol	5.00	4.87	97	70-130	
Dimethyl phthalate	5.00	4.93	99	70-130	
Di-n-butyl phthalate	5.00	5.12	102	70-130	
4,6-Dinitro-2-methylphenol	5.00	2.22	44	70-130	^
2,4-Dinitrophenol	10.0	2.54	25	70-130	^
2,4-Dinitrotoluene	5.00	5.10	102	70-130	
2,6-Dinitrotoluene	5.00	4.82	96	70-130	
Di-n-octyl phthalate	5.00	5.00	100	70-130	
Fluoranthene	5.00	4.89	98	70-130	
Fluorene	5.00	4.80	96	70-130	
Hexachlorobenzene	5.00	4.90	98	70-130	
Hexachlorobutadiene	5.00	4.96	99	70-130	
Hexachloroethane	5.00	5.83	117	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21229013.D

Lab ID: MRL 240-70566/13 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.65	93	70-130	
Isophorone	5.00	4.99	100	70-130	
2-Methylnaphthalene	5.00	4.67	93	70-130	
2-Methylphenol	5.00	5.70	114	70-130	
3 & 4 Methylphenol	5.00	5.43	109	70-130	
Naphthalene	5.00	4.75	95	70-130	
2-Nitroaniline	5.00	5.29	106	70-130	
3-Nitroaniline	5.00	5.52	110	70-130	
4-Nitroaniline	5.00	5.25	105	70-130	
Nitrobenzene	5.00	4.92	98	70-130	
2-Nitrophenol	5.00	5.25	105	70-130	
4-Nitrophenol	5.00	4.11	82	70-130	
N-Nitrosodi-n-propylamine	5.00	5.57	111	70-130	
N-Nitrosodiphenylamine	5.00	4.99	100	70-130	
Pentachlorophenol	10.0	4.10	41	70-130	^
Phenanthrene	5.00	4.69	94	70-130	
Phenol	5.00	5.36	107	70-130	
Pyrene	5.00	5.01	100	70-130	
1,2,4-Trichlorobenzene	5.00	4.81	96	70-130	
2,4,5-Trichlorophenol	5.00	4.86	97	70-130	
2,4,6-Trichlorophenol	5.00	5.03	101	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 30102011.D

Lab ID: MRL 240-70814/11 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.04	101	70-130	
Acenaphthylene	5.00	5.05	101	70-130	
Anthracene	5.00	4.97	99	70-130	
Benzo[a]anthracene	5.00	4.88	98	70-130	
Benzo[a]pyrene	5.00	5.04	101	70-130	
Benzo[b]fluoranthene	5.00	4.82	96	70-130	
Benzo[g,h,i]perylene	5.00	5.02	100	70-130	
Benzoic acid	10.0	9.07	91	70-130	M
Benzo[k]fluoranthene	5.00	5.02	100	70-130	
Benzyl alcohol	5.00	4.97	99	70-130	
Bis(2-chloroethoxy)methane	5.00	4.69	94	70-130	
Bis(2-chloroethyl)ether	5.00	5.10	102	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.93	99	70-130	
4-Bromophenyl phenyl ether	5.00	5.15	103	70-130	
Butyl benzyl phthalate	5.00	4.89	98	70-130	
Carbazole	5.00	4.92	98	70-130	
4-Chloro-3-methylphenol	5.00	4.73	95	70-130	
2-Chloronaphthalene	5.00	4.96	99	70-130	
2-Chlorophenol	5.00	5.07	101	70-130	
4-Chlorophenyl phenyl ether	5.00	5.00	100	70-130	
Chrysene	5.00	4.82	96	70-130	
Dibenz(a,h)anthracene	5.00	4.68	94	70-130	
Dibenzofuran	5.00	4.87	97	70-130	
1,2-Dichlorobenzene	5.00	5.08	102	70-130	
1,3-Dichlorobenzene	5.00	5.15	103	70-130	
1,4-Dichlorobenzene	5.00	5.31	106	70-130	
3,3'-Dichlorobenzidine	5.00	5.21	104	70-130	
2,4-Dichlorophenol	5.00	4.95	99	70-130	
Diethyl phthalate	5.00	5.36	107	70-130	
2,4-Dimethylphenol	5.00	4.43	89	70-130	
Dimethyl phthalate	5.00	5.43	109	70-130	
Di-n-butyl phthalate	5.00	4.93	99	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.25	105	70-130	
2,4-Dinitrophenol	10.0	9.37	94	70-130	
2,4-Dinitrotoluene	5.00	5.56	111	70-130	
2,6-Dinitrotoluene	5.00	5.80	116	70-130	
Di-n-octyl phthalate	5.00	4.83	97	70-130	
Fluoranthene	5.00	4.92	98	70-130	
Fluorene	5.00	5.06	101	70-130	
Hexachlorobenzene	5.00	5.15	103	70-130	
Hexachlorobutadiene	5.00	5.11	102	70-130	
Hexachloroethane	5.00	4.98	100	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 30102011.D

Lab ID: MRL 240-70814/11 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.93	99	70-130	
Isophorone	5.00	4.58	92	70-130	
2-Methylnaphthalene	5.00	4.59	92	70-130	
2-Methylphenol	5.00	5.46	109	70-130	
3 & 4 Methylphenol	5.00	5.09	102	70-130	
Naphthalene	5.00	4.73	95	70-130	
2-Nitroaniline	5.00	5.39	108	70-130	
3-Nitroaniline	5.00	5.58	112	70-130	
4-Nitroaniline	5.00	5.41	108	70-130	
Nitrobenzene	5.00	4.49	90	70-130	
2-Nitrophenol	5.00	5.13	103	70-130	
4-Nitrophenol	5.00	4.72	94	70-130	
N-Nitrosodi-n-propylamine	5.00	5.16	103	70-130	
N-Nitrosodiphenylamine	5.00	4.94	99	70-130	
Pentachlorophenol	10.0	8.94	89	70-130	
Phenanthrene	5.00	4.81	96	70-130	
Phenol	5.00	5.00	100	70-130	
Pyrene	5.00	4.78	96	70-130	
1,2,4-Trichlorobenzene	5.00	4.84	97	70-130	
2,4,5-Trichlorophenol	5.00	5.14	103	70-130	
2,4,6-Trichlorophenol	5.00	5.14	103	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 30102013.D

Lab ID: MRL 240-70814/13 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.98	100	70-130	
Acenaphthylene	5.00	5.04	101	70-130	
Anthracene	5.00	4.90	98	70-130	
Benzo[a]anthracene	5.00	5.15	103	70-130	
Benzo[a]pyrene	5.00	4.72	94	70-130	
Benzo[b]fluoranthene	5.00	4.52	90	70-130	
Benzo[g,h,i]perylene	5.00	4.87	97	70-130	
Benzoic acid	10.0	8.79	88	70-130	
Benzo[k]fluoranthene	5.00	4.95	99	70-130	
Benzyl alcohol	5.00	4.97	99	70-130	
Bis(2-chloroethoxy)methane	5.00	4.88	98	70-130	
Bis(2-chloroethyl)ether	5.00	4.67	93	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.03	101	70-130	
4-Bromophenyl phenyl ether	5.00	4.89	98	70-130	
Butyl benzyl phthalate	5.00	5.04	101	70-130	
Carbazole	5.00	4.94	99	70-130	
4-Chloro-3-methylphenol	5.00	5.28	106	70-130	
2-Chloronaphthalene	5.00	4.89	98	70-130	
2-Chlorophenol	5.00	5.09	102	70-130	
4-Chlorophenyl phenyl ether	5.00	5.36	107	70-130	
Chrysene	5.00	4.86	97	70-130	
Dibenz(a,h)anthracene	5.00	4.61	92	70-130	
Dibenzofuran	5.00	4.85	97	70-130	
1,2-Dichlorobenzene	5.00	4.63	93	70-130	
1,3-Dichlorobenzene	5.00	4.76	95	70-130	
1,4-Dichlorobenzene	5.00	5.00	100	70-130	
3,3'-Dichlorobenzidine	5.00	5.38	108	70-130	
2,4-Dichlorophenol	5.00	5.04	101	70-130	
Diethyl phthalate	5.00	5.22	104	70-130	
2,4-Dimethylphenol	5.00	4.90	98	70-130	
Dimethyl phthalate	5.00	5.29	106	70-130	
Di-n-butyl phthalate	5.00	4.96	99	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.05	101	70-130	
2,4-Dinitrophenol	10.0	8.87	89	70-130	
2,4-Dinitrotoluene	5.00	5.65	113	70-130	
2,6-Dinitrotoluene	5.00	5.28	106	70-130	
Di-n-octyl phthalate	5.00	4.81	96	70-130	
Fluoranthene	5.00	4.85	97	70-130	
Fluorene	5.00	5.06	101	70-130	
Hexachlorobenzene	5.00	5.33	107	70-130	
Hexachlorobutadiene	5.00	5.31	106	70-130	
Hexachloroethane	5.00	5.08	102	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 30102013.D

Lab ID: MRL 240-70814/13 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.80	96	70-130	
Isophorone	5.00	4.88	98	70-130	
2-Methylnaphthalene	5.00	4.75	95	70-130	
2-Methylphenol	5.00	4.99	100	70-130	
3 & 4 Methylphenol	5.00	4.98	100	70-130	
Naphthalene	5.00	4.96	99	70-130	
2-Nitroaniline	5.00	5.50	110	70-130	
3-Nitroaniline	5.00	5.74	115	70-130	
4-Nitroaniline	5.00	5.19	104	70-130	
Nitrobenzene	5.00	4.84	97	70-130	
2-Nitrophenol	5.00	5.69	114	70-130	
4-Nitrophenol	5.00	4.50	90	70-130	
N-Nitrosodi-n-propylamine	5.00	4.79	96	70-130	
N-Nitrosodiphenylamine	5.00	5.15	103	70-130	
Pentachlorophenol	10.0	9.17	92	70-130	
Phenanthrene	5.00	4.58	92	70-130	
Phenol	5.00	4.97	99	70-130	
Pyrene	5.00	5.02	100	70-130	
1,2,4-Trichlorobenzene	5.00	5.02	100	70-130	
2,4,5-Trichlorophenol	5.00	5.31	106	70-130	
2,4,6-Trichlorophenol	5.00	5.54	111	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223010.D

Lab ID: 240-18544-1 MS Client ID: 072SB-0063-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	746	3.7 U	536	72	45-110	
Acenaphthylene	746	3.7 U	562	75	45-105	
Anthracene	746	3.7 U	578	77	55-105	
Benzo[a]anthracene	746	3.7 U	586	79	50-110	
Benzo[a]pyrene	746	3.7 U	548	73	50-110	
Benzo[b]fluoranthene	746	3.7 U	578	78	45-115	
Benzo[g,h,i]perylene	746	3.7 U	624	84	40-125	
Benzoic acid	746	380 U	451 J	60	0-110	
Benzo[k]fluoranthene	746	3.7 U	580	78	45-125	
Benzyl alcohol	746	31 U	557	75	20-125	
Bis(2-chloroethoxy)methane	746	31 U	440	59	45-110	
Bis(2-chloroethyl)ether	746	3.7 U	443	59	40-105	
bis (2-chloroisopropyl) ether	746	31 U	428	57	20-115	
Bis(2-ethylhexyl) phthalate	746	23 J	591	76	45-125	
4-Bromophenyl phenyl ether	746	31 U	499	67	45-115	
Butyl benzyl phthalate	746	31 U	621	83	50-125	
Carbazole	746	31 U	571	76	45-115	
4-Chloroaniline	746	31 U	435	58	10-95	
4-Chloro-3-methylphenol	746	31 U	556	75	45-115	
2-Chloronaphthalene	746	3.7 U	468	63	45-105	
2-Chlorophenol	746	31 U	537	72	45-105	
4-Chlorophenyl phenyl ether	746	31 U	466	62	45-110	
Chrysene	746	3.7 U	612	82	55-110	
Dibenz(a,h)anthracene	746	3.7 U	629	84	40-125	
Dibenzofuran	746	3.7 U	537	72	50-105	
1,2-Dichlorobenzene	746	31 U	431	58	45-95	
1,3-Dichlorobenzene	746	31 U	421	56	40-100	
1,4-Dichlorobenzene	746	31 U	521	70	35-105	
3,3'-Dichlorobenzidine	746	91 U	103 J	14	10-130	
2,4-Dichlorophenol	746	31 U	543	73	45-110	
Diethyl phthalate	746	31 U	571	77	50-115	
2,4-Dimethylphenol	746	91 U	342	46	30-105	
Dimethyl phthalate	746	31 U	574	77	50-110	
Di-n-butyl phthalate	746	31 U	617	83	55-110	
4,6-Dinitro-2-methylphenol	746	91 U	539	72	30-135	
2,4-Dinitrophenol	746	91 U	553	74	15-130	
2,4-Dinitrotoluene	746	31 U	494	66	50-115	
2,6-Dinitrotoluene	746	31 U	514	69	50-110	
Di-n-octyl phthalate	746	31 U	568	76	40-130	
Fluoranthene	746	3.7 U	586	79	55-115	
Fluorene	746	3.7 U	551	74	50-110	
Hexachlorobenzene	746	3.7 U	462	62	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223010.D

Lab ID: 240-18544-1 MS Client ID: 072SB-0063-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Hexachlorobutadiene	746	31 U	443	59	40-115	
Hexachloroethane	746	31 U	446	60	35-110	
Indeno[1,2,3-cd]pyrene	746	3.7 U	624	84	40-120	
Isophorone	746	31 U	550	74	45-110	
2-Methylnaphthalene	746	3.7 U	539	72	45-105	
2-Methylphenol	746	91 U	512	69	40-105	
3 & 4 Methylphenol	1490	91 U	1030	69	40-105	
Naphthalene	746	3.7 U	529	71	40-105	
2-Nitroaniline	746	31 U	578	78	45-120	
3-Nitroaniline	746	91 U	529	71	25-110	
4-Nitroaniline	746	31 U	552	74	35-115	
Nitrobenzene	746	3.7 U	459	61	40-115	
2-Nitrophenol	746	31 U	569	76	40-110	
4-Nitrophenol	746	91 U	547	73	15-140	
N-Nitrosodi-n-propylamine	746	31 U	544	73	40-115	
N-Nitrosodiphenylamine	746	31 U	566	76	50-115	
Pentachlorophenol	746	91 U	342	46	25-120	
Phenanthrene	746	3.7 U	569	76	50-110	
Phenol	746	31 U	551	74	40-100	
Pyrene	746	3.7 U	585	78	45-125	
1,2,4-Trichlorobenzene	746	31 U	440	59	45-110	
2,4,5-Trichlorophenol	746	31 U	500	67	50-110	
2,4,6-Trichlorophenol	746	91 U	449	60	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223013.D

Lab ID: 240-18544-7 MS Client ID: 076SB-0090M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	662	3.3 U	399	60	45-110	
Acenaphthylene	662	3.3 U	423	64	45-105	
Anthracene	662	3.3 U	421	64	55-105	
Benzo[a]anthracene	662	3.3 U	416	63	50-110	
Benzo[a]pyrene	662	3.3 U	386	58	50-110	
Benzo[b]fluoranthene	662	3.3 U	421	64	45-115	
Benzo[g,h,i]perylene	662	3.3 U	448	68	40-125	
Benzoic acid	662	330 U	330 U	0	0-110	
Benzo[k]fluoranthene	662	3.3 U	399	60	45-125	
Benzyl alcohol	662	27 U	399	60	20-125	
Bis(2-chloroethoxy)methane	662	27 U	338	51	45-110	
Bis(2-chloroethyl)ether	662	3.3 U	307	46	40-105	
bis (2-chloroisopropyl) ether	662	27 U	292	44	20-115	
Bis(2-ethylhexyl) phthalate	662	25 J	435	62	45-125	
4-Bromophenyl phenyl ether	662	27 U	351	53	45-115	
Butyl benzyl phthalate	662	27 U	435	66	50-125	
Carbazole	662	27 U	410	62	45-115	
4-Chloroaniline	662	27 U	181	27	10-95	
4-Chloro-3-methylphenol	662	27 U	427	64	45-115	
2-Chloronaphthalene	662	3.3 U	349	53	45-105	
2-Chlorophenol	662	27 U	392	59	45-105	
4-Chlorophenyl phenyl ether	662	27 U	341	51	45-110	
Chrysene	662	3.3 U	436	66	55-110	
Dibenz(a,h)anthracene	662	3.3 U	436	66	40-125	
Dibenzofuran	662	3.3 U	402	61	50-105	
1,2-Dichlorobenzene	662	27 U	301	46	45-95	
1,3-Dichlorobenzene	662	27 U	298	45	40-100	
1,4-Dichlorobenzene	662	27 U	361	55	35-105	
3,3'-Dichlorobenzidine	662	80 U	95.0 J	14	10-130	
2,4-Dichlorophenol	662	27 U	425	64	45-110	
Diethyl phthalate	662	27 U	421	64	50-115	
2,4-Dimethylphenol	662	80 U	343	52	30-105	
Dimethyl phthalate	662	27 U	423	64	50-110	
Di-n-butyl phthalate	662	27 U	439	66	55-110	
4,6-Dinitro-2-methylphenol	662	80 U	320	48	30-135	
2,4-Dinitrophenol	662	80 U	200 J	30	15-130	
2,4-Dinitrotoluene	662	27 U	370	56	50-115	
2,6-Dinitrotoluene	662	27 U	391	59	50-110	
Di-n-octyl phthalate	662	27 U	410	62	40-130	
Fluoranthene	662	3.3 U	415	63	55-115	
Fluorene	662	3.3 U	419	63	50-110	
Hexachlorobenzene	662	3.3 U	362	55	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223013.D

Lab ID: 240-18544-7 MS Client ID: 076SB-0090M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Hexachlorobutadiene	662	27 U	314	47	40-115	
Hexachloroethane	662	27 U	312	47	35-110	
Indeno[1,2,3-cd]pyrene	662	3.3 U	453	68	40-120	
Isophorone	662	27 U	425	64	45-110	
2-Methylnaphthalene	662	3.3 U	406	61	45-105	
2-Methylphenol	662	80 U	385	58	40-105	
3 & 4 Methylphenol	1320	80 U	780	59	40-105	
Naphthalene	662	3.3 J	399	60	40-105	
2-Nitroaniline	662	27 U	426	64	45-120	
3-Nitroaniline	662	80 U	356	54	25-110	
4-Nitroaniline	662	27 U	392	59	35-115	
Nitrobenzene	662	3.3 U	340	51	40-115	
2-Nitrophenol	662	27 U	433	65	40-110	
4-Nitrophenol	662	80 U	412	62	15-140	
N-Nitrosodi-n-propylamine	662	27 U	382	58	40-115	
N-Nitrosodiphenylamine	662	27 U	409	62	50-115	
Pentachlorophenol	662	80 U	287	43	25-120	
Phenanthrene	662	3.3 U	418	63	50-110	
Phenol	662	27 U	407	61	40-100	
Pyrene	662	3.3 U	415	63	45-125	
1,2,4-Trichlorobenzene	662	27 U	322	49	45-110	
2,4,5-Trichlorophenol	662	27 U	389	59	50-110	
2,4,6-Trichlorophenol	662	80 U	385	58	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223007.D

Lab ID: 240-18544-8 MS Client ID: 076SB-0091M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	666	3.3 U	413	62	45-110	
Acenaphthylene	666	3.3 U	430	65	45-105	
Anthracene	666	3.3 U	453	68	55-105	
Benzo[a]anthracene	666	3.3 U	448	67	50-110	
Benzo[a]pyrene	666	3.3 U	446	67	50-110	
Benzo[b]fluoranthene	666	3.3 U	471	71	45-115	
Benzo[g,h,i]perylene	666	3.3 U	494	74	40-125	
Benzoic acid	666	330 U	330 U	0	0-110	
Benzo[k]fluoranthene	666	3.3 U	480	72	45-125	
Benzyl alcohol	666	27 U	435	65	20-125	
Bis(2-chloroethoxy)methane	666	27 U	343	51	45-110	
Bis(2-chloroethyl)ether	666	3.3 U	337	51	40-105	
bis (2-chloroisopropyl) ether	666	27 U	332	50	20-115	
Bis(2-ethylhexyl) phthalate	666	22 J	459	66	45-125	
4-Bromophenyl phenyl ether	666	27 U	388	58	45-115	
Butyl benzyl phthalate	666	27 U	477	72	50-125	
Carbazole	666	27 U	442	66	45-115	
4-Chloroaniline	666	27 U	286	43	10-95	
4-Chloro-3-methylphenol	666	27 U	459	69	45-115	
2-Chloronaphthalene	666	3.3 U	346	52	45-105	
2-Chlorophenol	666	27 U	416	62	45-105	
4-Chlorophenyl phenyl ether	666	27 U	366	55	45-110	
Chrysene	666	3.3 U	467	70	55-110	
Dibenz(a,h)anthracene	666	3.3 U	490	74	40-125	
Dibenzofuran	666	3.3 U	409	61	50-105	
1,2-Dichlorobenzene	666	27 U	335	50	45-95	
1,3-Dichlorobenzene	666	27 U	339	51	40-100	
1,4-Dichlorobenzene	666	27 U	419	63	35-105	
3,3'-Dichlorobenzidine	666	80 U	184	28	10-130	
2,4-Dichlorophenol	666	27 U	439	66	45-110	
Diethyl phthalate	666	27 U	456	68	50-115	
2,4-Dimethylphenol	666	80 U	304	46	30-105	
Dimethyl phthalate	666	27 U	441	66	50-110	
Di-n-butyl phthalate	666	27 U	484	73	55-110	
4,6-Dinitro-2-methylphenol	666	80 U	430	64	30-135	
2,4-Dinitrophenol	666	80 U	318 J	48	15-130	
2,4-Dinitrotoluene	666	27 U	379	57	50-115	
2,6-Dinitrotoluene	666	27 U	397	60	50-110	
Di-n-octyl phthalate	666	27 U	459	69	40-130	
Fluoranthene	666	3.3 U	474	71	55-115	
Fluorene	666	3.3 U	439	66	50-110	
Hexachlorobenzene	666	3.3 U	371	56	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223007.D

Lab ID: 240-18544-8 MS Client ID: 076SB-0091M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Hexachlorobutadiene	666	27 U	335	50	40-115	
Hexachloroethane	666	27 U	339	51	35-110	
Indeno[1,2,3-cd]pyrene	666	3.3 U	490	74	40-120	
Isophorone	666	27 U	431	65	45-110	
2-Methylnaphthalene	666	3.3 U	412	62	45-105	
2-Methylphenol	666	80 U	416	62	40-105	
3 & 4 Methylphenol	1330	80 U	834	63	40-105	
Naphthalene	666	3.3 U	417	63	40-105	
2-Nitroaniline	666	27 U	443	67	45-120	
3-Nitroaniline	666	80 U	391	59	25-110	
4-Nitroaniline	666	27 U	420	63	35-115	
Nitrobenzene	666	3.3 U	339	51	40-115	
2-Nitrophenol	666	27 U	442	66	40-110	
4-Nitrophenol	666	80 U	476	71	15-140	
N-Nitrosodi-n-propylamine	666	27 U	424	64	40-115	
N-Nitrosodiphenylamine	666	27 U	456	68	50-115	
Pentachlorophenol	666	80 U	438	66	25-120	
Phenanthrene	666	3.3 U	459	69	50-110	
Phenol	666	27 U	429	64	40-100	
Pyrene	666	3.3 U	468	70	45-125	
1,2,4-Trichlorobenzene	666	27 U	337	51	45-110	
2,4,5-Trichlorophenol	666	27 U	449	67	50-110	
2,4,6-Trichlorophenol	666	80 U	459	69	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224007.D

Lab ID: 240-18544-19 MS Client ID: 076SB-0100M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	660	3.3 U	362	55	45-110	
Acenaphthylene	660	3.3 U	377	57	45-105	
Anthracene	660	3.3 U	375	57	55-105	
Benzo[a]anthracene	660	3.3 U	361	55	50-110	
Benzo[a]pyrene	660	3.3 U	339	51	50-110	
Benzo[b]fluoranthene	660	3.3 U	353	53	45-115	
Benzo[g,h,i]perylene	660	3.3 U	391	59	40-125	
Benzoic acid	660	340 U	330 U	0	0-110	
Benzo[k]fluoranthene	660	3.3 U	366	56	45-125	
Benzyl alcohol	660	27 U	377	57	20-125	
Bis(2-chloroethoxy)methane	660	27 U	298	45	45-110	
Bis(2-chloroethyl)ether	660	3.3 U	284	43	40-105	
bis (2-chloroisopropyl) ether	660	27 U	279	42	20-115	
Bis(2-ethylhexyl) phthalate	660	21 J	380	54	45-125	
4-Bromophenyl phenyl ether	660	27 U	319	48	45-115	
Butyl benzyl phthalate	660	27 U	392	59	50-125	
Carbazole	660	27 U	377	57	45-115	
4-Chloroaniline	660	27 U	130 J	20	10-95	
4-Chloro-3-methylphenol	660	27 U	371	56	45-115	
2-Chloronaphthalene	660	3.3 U	316	48	45-105	
2-Chlorophenol	660	27 U	355	54	45-105	
4-Chlorophenyl phenyl ether	660	27 U	317	48	45-110	
Chrysene	660	3.3 U	389	59	55-110	
Dibenz(a,h)anthracene	660	3.3 U	388	59	40-125	
Dibenzofuran	660	3.3 U	362	55	50-105	
1,2-Dichlorobenzene	660	27 U	284	43	45-95	J
1,3-Dichlorobenzene	660	27 U	274	42	40-100	
1,4-Dichlorobenzene	660	27 U	345	52	35-105	
3,3'-Dichlorobenzidine	660	81 U	31.2 J	5	10-130	J
2,4-Dichlorophenol	660	27 U	383	58	45-110	
Diethyl phthalate	660	27 U	384	58	50-115	
2,4-Dimethylphenol	660	81 U	273	41	30-105	
Dimethyl phthalate	660	27 U	382	58	50-110	
Di-n-butyl phthalate	660	27 U	403	61	55-110	
4,6-Dinitro-2-methylphenol	660	81 U	344	52	30-135	
2,4-Dinitrophenol	660	81 U	236 J	36	15-130	
2,4-Dinitrotoluene	660	27 U	326	49	50-115	J
2,6-Dinitrotoluene	660	27 U	351	53	50-110	
Di-n-octyl phthalate	660	27 U	369	56	40-130	
Fluoranthene	660	3.3 U	383	58	55-115	
Fluorene	660	3.3 U	373	56	50-110	
Hexachlorobenzene	660	3.3 U	315	48	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224007.D

Lab ID: 240-18544-19 MS Client ID: 076SB-0100M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Hexachlorobutadiene	660	27 U	280	42	40-115	
Hexachloroethane	660	27 U	302	46	35-110	
Indeno[1,2,3-cd]pyrene	660	3.3 U	394	60	40-120	
Isophorone	660	27 U	376	57	45-110	
2-Methylnaphthalene	660	5.8 J	369	55	45-105	
2-Methylphenol	660	81 U	362	55	40-105	
3 & 4 Methylphenol	1320	81 U	711	54	40-105	
Naphthalene	660	5.8 J	359	54	40-105	
2-Nitroaniline	660	27 U	382	58	45-120	
3-Nitroaniline	660	81 U	298	45	25-110	
4-Nitroaniline	660	27 U	345	52	35-115	
Nitrobenzene	660	3.3 U	301	46	40-115	
2-Nitrophenol	660	27 U	398	60	40-110	
4-Nitrophenol	660	81 U	407	62	15-140	
N-Nitrosodi-n-propylamine	660	27 U	358	54	40-115	
N-Nitrosodiphenylamine	660	27 U	373	57	50-115	
Pentachlorophenol	660	81 U	334	51	25-120	
Phenanthrene	660	3.3 U	384	58	50-110	
Phenol	660	27 U	387	59	40-100	
Pyrene	660	3.3 U	364	55	45-125	
1,2,4-Trichlorobenzene	660	27 U	296	45	45-110	
2,4,5-Trichlorophenol	660	27 U	393	60	50-110	
2,4,6-Trichlorophenol	660	81 U	392	59	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223011.D

Lab ID: 240-18544-1 MSD Client ID: 072SB-0063-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	742	470	63	13	30	45-110	
Acenaphthylene	742	485	65	15	30	45-105	
Anthracene	742	556	75	4	30	55-105	
Benzo[a]anthracene	742	548	74	7	30	50-110	
Benzo[a]pyrene	742	522	70	5	30	50-110	
Benzo[b]fluoranthene	742	554	75	4	30	45-115	
Benzo[g,h,i]perylene	742	606	82	3	30	40-125	
Benzoic acid	742	489 J	66	8	30	0-110	
Benzo[k]fluoranthene	742	553	75	5	30	45-125	
Benzyl alcohol	742	478	64	15	30	20-125	
Bis(2-chloroethoxy)methane	742	392	53	12	30	45-110	
Bis(2-chloroethyl)ether	742	376	51	16	30	40-105	
bis (2-chloroisopropyl) ether	742	371	50	14	30	20-115	
Bis(2-ethylhexyl) phthalate	742	543	70	9	30	45-125	
4-Bromophenyl phenyl ether	742	470	63	6	30	45-115	
Butyl benzyl phthalate	742	574	77	8	30	50-125	
Carbazole	742	543	73	5	30	45-115	
4-Chloroaniline	742	390	53	11	30	10-95	
4-Chloro-3-methylphenol	742	525	71	6	30	45-115	
2-Chloronaphthalene	742	400	54	16	30	45-105	
2-Chlorophenol	742	458	62	16	30	45-105	
4-Chlorophenyl phenyl ether	742	411	55	12	30	45-110	
Chrysene	742	576	78	6	30	55-110	
Dibenz(a,h)anthracene	742	585	79	7	30	40-125	
Dibenzofuran	742	467	63	14	30	50-105	
1,2-Dichlorobenzene	742	375	51	14	30	45-95	
1,3-Dichlorobenzene	742	370	50	13	30	40-100	
1,4-Dichlorobenzene	742	458	62	13	30	35-105	
3,3'-Dichlorobenzidine	742	103 J	14	0	30	10-130	
2,4-Dichlorophenol	742	502	68	8	30	45-110	
Diethyl phthalate	742	524	71	9	30	50-115	
2,4-Dimethylphenol	742	339	46	1	30	30-105	
Dimethyl phthalate	742	519	70	10	30	50-110	
Di-n-butyl phthalate	742	586	79	5	30	55-110	
4,6-Dinitro-2-methylphenol	742	538	73	0	30	30-135	
2,4-Dinitrophenol	742	498	67	11	30	15-130	
2,4-Dinitrotoluene	742	455	61	8	30	50-115	
2,6-Dinitrotoluene	742	475	64	8	30	50-110	
Di-n-octyl phthalate	742	547	74	4	30	40-130	
Fluoranthene	742	560	76	5	30	55-115	
Fluorene	742	494	67	11	30	50-110	
Hexachlorobenzene	742	455	61	2	30	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223011.D

Lab ID: 240-18544-1 MSD Client ID: 072SB-0063-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobutadiene	742	391	53	12	30	40-115	
Hexachloroethane	742	392	53	13	30	35-110	
Indeno[1,2,3-cd]pyrene	742	605	82	3	30	40-120	
Isophorone	742	485	65	13	30	45-110	
2-Methylnaphthalene	742	473	64	13	30	45-105	
2-Methylphenol	742	444	60	14	30	40-105	
3 & 4 Methylphenol	1480	902	61	13	30	40-105	
Naphthalene	742	463	62	13	30	40-105	
2-Nitroaniline	742	526	71	9	30	45-120	
3-Nitroaniline	742	499	67	6	30	25-110	
4-Nitroaniline	742	502	68	10	30	35-115	
Nitrobenzene	742	401	54	13	30	40-115	
2-Nitrophenol	742	504	68	12	30	40-110	
4-Nitrophenol	742	514	69	6	30	15-140	
N-Nitrosodi-n-propylamine	742	476	64	13	30	40-115	
N-Nitrosodiphenylamine	742	534	72	6	30	50-115	
Pentachlorophenol	742	352	47	3	30	25-120	
Phenanthrene	742	544	73	4	30	50-110	
Phenol	742	471	63	16	30	40-100	
Pyrene	742	540	73	8	30	45-125	
1,2,4-Trichlorobenzene	742	392	53	12	30	45-110	
2,4,5-Trichlorophenol	742	471	63	6	30	50-110	
2,4,6-Trichlorophenol	742	418	56	7	30	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223014.D

Lab ID: 240-18544-7 MSD Client ID: 076SB-0090M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	659	472	72	17	30	45-110	
Acenaphthylene	659	498	76	16	30	45-105	
Anthracene	659	493	75	16	30	55-105	
Benzo[a]anthracene	659	495	75	17	30	50-110	
Benzo[a]pyrene	659	451	68	15	30	50-110	
Benzo[b]fluoranthene	659	479	73	13	30	45-115	
Benzo[g,h,i]perylene	659	523	79	16	30	40-125	
Benzoic acid	659	330 U	0	NC	30	0-110	
Benzo[k]fluoranthene	659	471	71	17	30	45-125	
Benzyl alcohol	659	482	73	19	30	20-125	
Bis(2-chloroethoxy)methane	659	380	58	12	30	45-110	
Bis(2-chloroethyl)ether	659	376	57	20	30	40-105	
bis (2-chloroisopropyl) ether	659	364	55	22	30	20-115	
Bis(2-ethylhexyl) phthalate	659	495	71	13	30	45-125	
4-Bromophenyl phenyl ether	659	425	64	19	30	45-115	
Butyl benzyl phthalate	659	525	80	19	30	50-125	
Carbazole	659	470	71	14	30	45-115	
4-Chloroaniline	659	217	33	18	30	10-95	
4-Chloro-3-methylphenol	659	497	75	15	30	45-115	
2-Chloronaphthalene	659	410	62	16	30	45-105	
2-Chlorophenol	659	478	73	20	30	45-105	
4-Chlorophenyl phenyl ether	659	409	62	18	30	45-110	
Chrysene	659	520	79	18	30	55-110	
Dibenz(a,h)anthracene	659	512	78	16	30	40-125	
Dibenzofuran	659	480	73	18	30	50-105	
1,2-Dichlorobenzene	659	368	56	20	30	45-95	
1,3-Dichlorobenzene	659	355	54	17	30	40-100	
1,4-Dichlorobenzene	659	444	67	21	30	35-105	
3,3'-Dichlorobenzidine	659	103	16	8	30	10-130	
2,4-Dichlorophenol	659	492	75	15	30	45-110	
Diethyl phthalate	659	498	76	17	30	50-115	
2,4-Dimethylphenol	659	361	55	5	30	30-105	
Dimethyl phthalate	659	508	77	18	30	50-110	
Di-n-butyl phthalate	659	519	79	17	30	55-110	
4,6-Dinitro-2-methylphenol	659	416	63	26	30	30-135	
2,4-Dinitrophenol	659	275 J	42	31	30	15-130	J
2,4-Dinitrotoluene	659	423	64	13	30	50-115	
2,6-Dinitrotoluene	659	445	68	13	30	50-110	
Di-n-octyl phthalate	659	471	71	14	30	40-130	
Fluoranthene	659	484	73	15	30	55-115	
Fluorene	659	492	75	16	30	50-110	
Hexachlorobenzene	659	417	63	14	30	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223014.D

Lab ID: 240-18544-7 MSD Client ID: 076SB-0090M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobutadiene	659	367	56	16	30	40-115	
Hexachloroethane	659	369	56	17	30	35-110	
Indeno[1,2,3-cd]pyrene	659	522	79	14	30	40-120	
Isophorone	659	492	75	15	30	45-110	
2-Methylnaphthalene	659	478	73	16	30	45-105	
2-Methylphenol	659	466	71	19	30	40-105	
3 & 4 Methylphenol	1320	936	71	18	30	40-105	
Naphthalene	659	466	70	15	30	40-105	
2-Nitroaniline	659	496	75	15	30	45-120	
3-Nitroaniline	659	425	65	18	30	25-110	
4-Nitroaniline	659	458	70	16	30	35-115	
Nitrobenzene	659	389	59	13	30	40-115	
2-Nitrophenol	659	508	77	16	30	40-110	
4-Nitrophenol	659	506	77	20	30	15-140	
N-Nitrosodi-n-propylamine	659	481	73	23	30	40-115	
N-Nitrosodiphenylamine	659	462	70	12	30	50-115	
Pentachlorophenol	659	464	70	47	30	25-120	J
Phenanthrene	659	495	75	17	30	50-110	
Phenol	659	494	75	19	30	40-100	
Pyrene	659	492	75	17	30	45-125	
1,2,4-Trichlorobenzene	659	374	57	15	30	45-110	
2,4,5-Trichlorophenol	659	501	76	25	30	50-110	
2,4,6-Trichlorophenol	659	514	78	29	30	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223008.D

Lab ID: 240-18544-8 MSD Client ID: 076SB-0091M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	667	382	57	8	30	45-110	
Acenaphthylene	667	405	61	6	30	45-105	
Anthracene	667	406	61	11	30	55-105	
Benzo[a]anthracene	667	378	57	17	30	50-110	
Benzo[a]pyrene	667	377	56	17	30	50-110	
Benzo[b]fluoranthene	667	400	60	16	30	45-115	
Benzo[g,h,i]perylene	667	420	63	16	30	40-125	
Benzoic acid	667	330 U	0	NC	30	0-110	
Benzo[k]fluoranthene	667	397	60	19	30	45-125	
Benzyl alcohol	667	411	62	6	30	20-125	
Bis(2-chloroethoxy)methane	667	328	49	4	30	45-110	
Bis(2-chloroethyl)ether	667	316	47	6	30	40-105	
bis (2-chloroisopropyl) ether	667	318	48	4	30	20-115	
Bis(2-ethylhexyl) phthalate	667	392	56	16	30	45-125	
4-Bromophenyl phenyl ether	667	341	51	13	30	45-115	
Butyl benzyl phthalate	667	405	61	16	30	50-125	
Carbazole	667	400	60	10	30	45-115	
4-Chloroaniline	667	254	38	12	30	10-95	
4-Chloro-3-methylphenol	667	393	59	15	30	45-115	
2-Chloronaphthalene	667	338	51	2	30	45-105	
2-Chlorophenol	667	406	61	2	30	45-105	
4-Chlorophenyl phenyl ether	667	332	50	10	30	45-110	
Chrysene	667	392	59	17	30	55-110	
Dibenz(a,h)anthracene	667	428	64	14	30	40-125	
Dibenzofuran	667	379	57	8	30	50-105	
1,2-Dichlorobenzene	667	316	47	6	30	45-95	
1,3-Dichlorobenzene	667	309	46	9	30	40-100	
1,4-Dichlorobenzene	667	390	58	7	30	35-105	
3,3'-Dichlorobenzidine	667	181	27	2	30	10-130	
2,4-Dichlorophenol	667	405	61	8	30	45-110	
Diethyl phthalate	667	403	61	12	30	50-115	
2,4-Dimethylphenol	667	279	42	9	30	30-105	
Dimethyl phthalate	667	404	61	9	30	50-110	
Di-n-butyl phthalate	667	432	65	11	30	55-110	
4,6-Dinitro-2-methylphenol	667	365	55	16	30	30-135	
2,4-Dinitrophenol	667	263 J	39	19	30	15-130	
2,4-Dinitrotoluene	667	330	49	14	30	50-115	J
2,6-Dinitrotoluene	667	368	55	7	30	50-110	
Di-n-octyl phthalate	667	399	60	14	30	40-130	
Fluoranthene	667	415	62	13	30	55-115	
Fluorene	667	397	60	10	30	50-110	
Hexachlorobenzene	667	333	50	11	30	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21223008.D

Lab ID: 240-18544-8 MSD Client ID: 076SB-0091M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobutadiene	667	323	48	3	30	40-115	
Hexachloroethane	667	328	49	4	30	35-110	
Indeno[1,2,3-cd]pyrene	667	420	63	15	30	40-120	
Isophorone	667	406	61	6	30	45-110	
2-Methylnaphthalene	667	391	59	5	30	45-105	
2-Methylphenol	667	380	57	9	30	40-105	
3 & 4 Methylphenol	1330	791	59	5	30	40-105	
Naphthalene	667	397	60	5	30	40-105	
2-Nitroaniline	667	404	61	9	30	45-120	
3-Nitroaniline	667	337	51	15	30	25-110	
4-Nitroaniline	667	369	55	13	30	35-115	
Nitrobenzene	667	334	50	2	30	40-115	
2-Nitrophenol	667	423	64	4	30	40-110	
4-Nitrophenol	667	412	62	14	30	15-140	
N-Nitrosodi-n-propylamine	667	385	58	10	30	40-115	
N-Nitrosodiphenylamine	667	416	62	9	30	50-115	
Pentachlorophenol	667	365	55	18	30	25-120	
Phenanthrene	667	414	62	10	30	50-110	
Phenol	667	403	60	6	30	40-100	
Pyrene	667	385	58	19	30	45-125	
1,2,4-Trichlorobenzene	667	327	49	3	30	45-110	
2,4,5-Trichlorophenol	667	396	59	13	30	50-110	
2,4,6-Trichlorophenol	667	413	62	11	30	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224008.D

Lab ID: 240-18544-19 MSD Client ID: 076SB-0100M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	663	386	58	6	30	45-110	
Acenaphthylene	663	402	61	6	30	45-105	
Anthracene	663	392	59	4	30	55-105	
Benzo[a]anthracene	663	390	59	8	30	50-110	
Benzo[a]pyrene	663	369	56	8	30	50-110	
Benzo[b]fluoranthene	663	381	57	8	30	45-115	
Benzo[g,h,i]perylene	663	435	66	11	30	40-125	
Benzoic acid	663	330 U	0	NC	30	0-110	
Benzo[k]fluoranthene	663	386	58	5	30	45-125	
Benzyl alcohol	663	421	64	11	30	20-125	
Bis(2-chloroethoxy)methane	663	335	50	12	30	45-110	
Bis(2-chloroethyl)ether	663	331	50	15	30	40-105	
bis (2-chloroisopropyl) ether	663	320	48	14	30	20-115	
Bis(2-ethylhexyl) phthalate	663	402	57	6	30	45-125	
4-Bromophenyl phenyl ether	663	333	50	4	30	45-115	
Butyl benzyl phthalate	663	415	63	6	30	50-125	
Carbazole	663	378	57	0	30	45-115	
4-Chloroaniline	663	110 J	17	17	30	10-95	
4-Chloro-3-methylphenol	663	413	62	11	30	45-115	
2-Chloronaphthalene	663	336	51	6	30	45-105	
2-Chlorophenol	663	406	61	13	30	45-105	
4-Chlorophenyl phenyl ether	663	330	50	4	30	45-110	
Chrysene	663	412	62	6	30	55-110	
Dibenz(a,h)anthracene	663	419	63	8	30	40-125	
Dibenzofuran	663	386	58	6	30	50-105	
1,2-Dichlorobenzene	663	320	48	12	30	45-95	
1,3-Dichlorobenzene	663	313	47	13	30	40-100	
1,4-Dichlorobenzene	663	397	60	14	30	35-105	
3,3'-Dichlorobenzidine	663	30.2 J	5	3	30	10-130	J
2,4-Dichlorophenol	663	412	62	7	30	45-110	
Diethyl phthalate	663	402	61	5	30	50-115	
2,4-Dimethylphenol	663	288	44	5	30	30-105	
Dimethyl phthalate	663	403	61	6	30	50-110	
Di-n-butyl phthalate	663	415	63	3	30	55-110	
4,6-Dinitro-2-methylphenol	663	344	52	0	30	30-135	
2,4-Dinitrophenol	663	189 J	29	22	30	15-130	
2,4-Dinitrotoluene	663	346	52	6	30	50-115	
2,6-Dinitrotoluene	663	364	55	4	30	50-110	
Di-n-octyl phthalate	663	397	60	7	30	40-130	
Fluoranthene	663	387	58	1	30	55-115	
Fluorene	663	398	60	7	30	50-110	
Hexachlorobenzene	663	332	50	5	30	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224008.D

Lab ID: 240-18544-19 MSD Client ID: 076SB-0100M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobutadiene	663	326	49	15	30	40-115	
Hexachloroethane	663	334	50	10	30	35-110	
Indeno[1,2,3-cd]pyrene	663	425	64	8	30	40-120	
Isophorone	663	439	66	15	30	45-110	
2-Methylnaphthalene	663	418	62	12	30	45-105	
2-Methylphenol	663	392	59	8	30	40-105	
3 & 4 Methylphenol	1330	773	58	8	30	40-105	
Naphthalene	663	410	61	13	30	40-105	
2-Nitroaniline	663	413	62	8	30	45-120	
3-Nitroaniline	663	308	46	3	30	25-110	
4-Nitroaniline	663	344	52	0	30	35-115	
Nitrobenzene	663	347	52	14	30	40-115	
2-Nitrophenol	663	446	67	11	30	40-110	
4-Nitrophenol	663	424	64	4	30	15-140	
N-Nitrosodi-n-propylamine	663	412	62	14	30	40-115	
N-Nitrosodiphenylamine	663	392	59	5	30	50-115	
Pentachlorophenol	663	352	53	5	30	25-120	
Phenanthrene	663	391	59	2	30	50-110	
Phenol	663	422	64	9	30	40-100	
Pyrene	663	388	59	7	30	45-125	
1,2,4-Trichlorobenzene	663	336	51	13	30	45-110	
2,4,5-Trichlorophenol	663	396	60	1	30	50-110	
2,4,6-Trichlorophenol	663	416	63	6	30	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: 21223004.D Lab Sample ID: MB 240-69176/23-A

Matrix: Solid Date Extracted: 12/18/2012 09:39

Instrument ID: A4HP7 Date Analyzed: 12/23/2012 11:48

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-69176/24-A	21223005.D	12/23/2012 12:26
076SB-0091M-0001-SO	240-18544-8	21223006.D	12/23/2012 12:49
076SB-0091M-0001-SO MS	240-18544-8 MS	21223007.D	12/23/2012 13:13
076SB-0091M-0001-SO MSD	240-18544-8 MSD	21223008.D	12/23/2012 13:36
072SB-0063-0001-SO	240-18544-1	21223009.D	12/23/2012 14:00
072SB-0063-0001-SO MS	240-18544-1 MS	21223010.D	12/23/2012 14:23
072SB-0063-0001-SO MSD	240-18544-1 MSD	21223011.D	12/23/2012 14:46
076SB-0090M-0001-SO	240-18544-7	21223012.D	12/23/2012 15:09
076SB-0090M-0001-SO MS	240-18544-7 MS	21223013.D	12/23/2012 15:33
076SB-0090M-0001-SO MSD	240-18544-7 MSD	21223014.D	12/23/2012 15:56
072SB-0067-0001-SO	240-18544-5	21223015.D	12/23/2012 16:20
072SB-0066-0001-SO	240-18544-4	21223016.D	12/23/2012 16:43
076SB-0092-0001-SO	240-18544-10	21223017.D	12/23/2012 17:06
076SB-0093-0001-SO	240-18544-11	21223018.D	12/23/2012 17:30
076SB-0094-0001-SO	240-18544-12	21223019.D	12/23/2012 17:53
076SB-0095-0001-SO	240-18544-13	21223020.D	12/23/2012 18:16
076SB-0096-0001-SO	240-18544-14	21223021.D	12/23/2012 18:40
076SB-0097-0001-SO	240-18544-15	21223022.D	12/23/2012 19:03
076SB-0098-0001-SO	240-18544-16	21223023.D	12/23/2012 19:27
076SB-0099-0001-SO	240-18544-17	21224023.D	12/24/2012 17:25
072SB-0064-0001-SO	240-18544-2	21224024.D	12/24/2012 17:48
072SB-0065-0001-SO	240-18544-3	21224025.D	12/24/2012 18:12
072SB-0068-0001-SO	240-18544-6	21224026.D	12/24/2012 18:35

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: 21224004.D Lab Sample ID: MB 240-69185/20-A

Matrix: Solid Date Extracted: 12/18/2012 10:06

Instrument ID: A4HP7 Date Analyzed: 12/24/2012 10:01

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-69185/21-A	21224005.D	12/24/2012 10:24
076SB-0100M-0001-SO	240-18544-19	21224006.D	12/24/2012 10:47
076SB-0100M-0001-SO MS	240-18544-19 MS	21224007.D	12/24/2012 11:11
076SB-0100M-0001-SO MSD	240-18544-19 MSD	21224008.D	12/24/2012 11:34
076SB-0106M-0001-SO	240-18544-25	21224009.D	12/24/2012 11:57
076SB-0105M-0001-SO	240-18544-24	21224010.D	12/24/2012 12:21
076SB-0104M-0001-SO	240-18544-23	21224011.D	12/24/2012 12:44
076SB-0103M-0001-SO	240-18544-22	21224012.D	12/24/2012 13:07
076SB-0102M-0001-SO	240-18544-21	21224013.D	12/24/2012 13:31
076SB-0101M-0001-SO	240-18544-20	21224014.D	12/24/2012 13:54
076SB-0108M-0001-SO	240-18544-27	21224015.D	12/24/2012 14:18
076SB-0107M-0001-SO	240-18544-26	21224016.D	12/24/2012 14:41
076SB-0109M-0001-SO	240-18544-28	21224017.D	12/24/2012 15:04
076SB-0115M-0001-SO	240-18544-34	21224018.D	12/24/2012 15:28
076SB-0114M-0001-SO	240-18544-33	21224019.D	12/24/2012 15:51
076SB-0078-0001-SO	240-18544-18	21224020.D	12/24/2012 16:15
076SB-0111M-0001-SO	240-18544-30	21224021.D	12/24/2012 16:38
076SB-0110M-0001-SO	240-18544-29	21224022.D	12/24/2012 17:01
076SB-0113M-0001-SO	240-18544-32	21226014.D	12/26/2012 13:55
076SB-0112M-0001-SO	240-18544-31	21226015.D	12/26/2012 14:18

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: 30102012.D Lab Sample ID: MB 240-70267/23-A

Matrix: Solid Date Extracted: 12/27/2012 11:43

Instrument ID: A4HP9 Date Analyzed: 01/02/2013 12:45

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-70267/24-A	21229007.D	12/29/2012 14:18
076SB-0106M-0001-SO RE	240-18544-25 RE	21229012.D	12/29/2012 16:20

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: 21220001.D DFTPP Injection Date: 12/20/2012

Instrument ID: A4HP7 DFTPP Injection Time: 13:24

Analysis Batch No.: 69576

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	52.0	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	44.7	
70	Less than 2.0% of mass 69	0.2	(0.5)1
127	25.0 - 75.0% of mass 198	52.5	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.9	
275	10.0- 30.0% of mass 198	21.8	
365	Greater than 0.75% of mass 198	2.3	
441	Present, but less than mass 443	8.5	
442	40.0 - 110.0% of mass 198	57.8	
443	15.0 - 24.0% of mass 442	10.5	(18.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 240-69576/2	21220002.D	12/20/2012	13:47
	STD4 240-69576/3	21220003.D	12/20/2012	14:11
	STD3 240-69576/4	21220004.D	12/20/2012	14:34
	STD2 240-69576/5	21220005.D	12/20/2012	14:58
	STD1 240-69576/6	21220006.D	12/20/2012	15:21
	STD9 240-69576/7	21220007.D	12/20/2012	15:45
	STD8 240-69576/8	21220008.D	12/20/2012	16:08
	STD7 240-69576/9	21220009.D	12/20/2012	16:32
	STD6 240-69576/10	21220010.D	12/20/2012	16:55
	ICV 240-69576/12	21220012.D	12/20/2012	17:42

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: 21221001.D DFTPP Injection Date: 12/21/2012

Instrument ID: A4HP7 DFTPP Injection Time: 10:49

Analysis Batch No.: 69733

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	49.4	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	43.0	
70	Less than 2.0% of mass 69	0.2	(0.5)1
127	25.0 - 75.0% of mass 198	50.7	
197	Less than 1.0% of mass 198	0.6	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.2	
275	10.0- 30.0% of mass 198	21.5	
365	Greater than 0.75% of mass 198	2.3	
441	Present, but less than mass 443	8.5	
442	40.0 - 110.0% of mass 198	57.8	
443	15.0 - 24.0% of mass 442	10.8	(18.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICV 240-69733/12	21221012.D	12/21/2012	11:34

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: 21223001.D DFTPP Injection Date: 12/23/2012

Instrument ID: A4HP7 DFTPP Injection Time: 10:41

Analysis Batch No.: 69932

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	53.2	
68	Less than 2.0% of mass 69	0.5	(1.1)1
69	Mass 69 relative abundance	45.6	
70	Less than 2.0% of mass 69	0.2	(0.3)1
127	25.0 - 75.0% of mass 198	53.0	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	7.2	
275	10.0- 30.0% of mass 198	22.0	
365	Greater than 0.75% of mass 198	2.4	
441	Present, but less than mass 443	7.6	
442	40.0 - 110.0% of mass 198	56.9	
443	15.0 - 24.0% of mass 442	10.3	(18.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-69932/2	21223002.D	12/23/2012	11:01
	MRL 240-69932/3	21223003.D	12/23/2012	11:25
	MB 240-69176/23-A	21223004.D	12/23/2012	11:48
	LCS 240-69176/24-A	21223005.D	12/23/2012	12:26
076SB-0091M-0001-SO	240-18544-8	21223006.D	12/23/2012	12:49
076SB-0091M-0001-SO MS	240-18544-8 MS	21223007.D	12/23/2012	13:13
076SB-0091M-0001-SO MSD	240-18544-8 MSD	21223008.D	12/23/2012	13:36
072SB-0063-0001-SO	240-18544-1	21223009.D	12/23/2012	14:00
072SB-0063-0001-SO MS	240-18544-1 MS	21223010.D	12/23/2012	14:23
072SB-0063-0001-SO MSD	240-18544-1 MSD	21223011.D	12/23/2012	14:46
076SB-0090M-0001-SO	240-18544-7	21223012.D	12/23/2012	15:09
076SB-0090M-0001-SO MS	240-18544-7 MS	21223013.D	12/23/2012	15:33
076SB-0090M-0001-SO MSD	240-18544-7 MSD	21223014.D	12/23/2012	15:56
072SB-0067-0001-SO	240-18544-5	21223015.D	12/23/2012	16:20
072SB-0066-0001-SO	240-18544-4	21223016.D	12/23/2012	16:43
076SB-0092-0001-SO	240-18544-10	21223017.D	12/23/2012	17:06
076SB-0093-0001-SO	240-18544-11	21223018.D	12/23/2012	17:30
076SB-0094-0001-SO	240-18544-12	21223019.D	12/23/2012	17:53
076SB-0095-0001-SO	240-18544-13	21223020.D	12/23/2012	18:16
076SB-0096-0001-SO	240-18544-14	21223021.D	12/23/2012	18:40
076SB-0097-0001-SO	240-18544-15	21223022.D	12/23/2012	19:03
076SB-0098-0001-SO	240-18544-16	21223023.D	12/23/2012	19:27
	MRL 240-69932/24	21223024.D	12/23/2012	19:50

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: 21224001.D DFTPP Injection Date: 12/24/2012

Instrument ID: A4HP7 DFTPP Injection Time: 08:51

Analysis Batch No.: 69977

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	46.8	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	42.1	
70	Less than 2.0% of mass 69	0.3	(0.6)1
127	25.0 - 75.0% of mass 198	50.0	
197	Less than 1.0% of mass 198	0.4	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.7	
275	10.0- 30.0% of mass 198	21.5	
365	Greater than 0.75% of mass 198	2.4	
441	Present, but less than mass 443	9.4	
442	40.0 - 110.0% of mass 198	64.1	
443	15.0 - 24.0% of mass 442	11.8	(18.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-69977/2	21224002.D	12/24/2012	09:14
	MRL 240-69977/3	21224003.D	12/24/2012	09:37
	MB 240-69185/20-A	21224004.D	12/24/2012	10:01
	LCS 240-69185/21-A	21224005.D	12/24/2012	10:24
076SB-0100M-0001-SO	240-18544-19	21224006.D	12/24/2012	10:47
076SB-0100M-0001-SO MS	240-18544-19 MS	21224007.D	12/24/2012	11:11
076SB-0100M-0001-SO MSD	240-18544-19 MSD	21224008.D	12/24/2012	11:34
076SB-0106M-0001-SO	240-18544-25	21224009.D	12/24/2012	11:57
076SB-0105M-0001-SO	240-18544-24	21224010.D	12/24/2012	12:21
076SB-0104M-0001-SO	240-18544-23	21224011.D	12/24/2012	12:44
076SB-0103M-0001-SO	240-18544-22	21224012.D	12/24/2012	13:07
076SB-0102M-0001-SO	240-18544-21	21224013.D	12/24/2012	13:31
076SB-0101M-0001-SO	240-18544-20	21224014.D	12/24/2012	13:54
076SB-0108M-0001-SO	240-18544-27	21224015.D	12/24/2012	14:18
076SB-0107M-0001-SO	240-18544-26	21224016.D	12/24/2012	14:41
076SB-0109M-0001-SO	240-18544-28	21224017.D	12/24/2012	15:04
076SB-0115M-0001-SO	240-18544-34	21224018.D	12/24/2012	15:28
076SB-0114M-0001-SO	240-18544-33	21224019.D	12/24/2012	15:51
076SB-0078-0001-SO	240-18544-18	21224020.D	12/24/2012	16:15
076SB-0111M-0001-SO	240-18544-30	21224021.D	12/24/2012	16:38
076SB-0110M-0001-SO	240-18544-29	21224022.D	12/24/2012	17:01
076SB-0099-0001-SO	240-18544-17	21224023.D	12/24/2012	17:25
072SB-0064-0001-SO	240-18544-2	21224024.D	12/24/2012	17:48
072SB-0065-0001-SO	240-18544-3	21224025.D	12/24/2012	18:12

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: 21224001.D DFTPP Injection Date: 12/24/2012

Instrument ID: A4HP7 DFTPP Injection Time: 08:51

Analysis Batch No.: 69977

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	46.8	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	42.1	
70	Less than 2.0% of mass 69	0.3	(0.6)1
127	25.0 - 75.0% of mass 198	50.0	
197	Less than 1.0% of mass 198	0.4	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.7	
275	10.0- 30.0% of mass 198	21.5	
365	Greater than 0.75% of mass 198	2.4	
441	Present, but less than mass 443	9.4	
442	40.0 - 110.0% of mass 198	64.1	
443	15.0 - 24.0% of mass 442	11.8	(18.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
072SB-0068-0001-SO	240-18544-6	21224026.D	12/24/2012	18:35
	MRL 240-69977/27	21224027.D	12/24/2012	18:59

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: 21226001.D DFTPP Injection Date: 12/26/2012

Instrument ID: A4HP7 DFTPP Injection Time: 08:52

Analysis Batch No.: 70078

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	50.0	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	43.5	
70	Less than 2.0% of mass 69	0.1	(0.3)1
127	25.0 - 75.0% of mass 198	50.1	
197	Less than 1.0% of mass 198	0.5	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	7.2	
275	10.0- 30.0% of mass 198	22.3	
365	Greater than 0.75% of mass 198	2.1	
441	Present, but less than mass 443	8.2	
442	40.0 - 110.0% of mass 198	60.8	
443	15.0 - 24.0% of mass 442	10.8	(17.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-70078/2	21226002.D	12/26/2012	09:15
	MRL 240-70078/3	21226003.D	12/26/2012	09:38
076SB-0113M-0001-SO	240-18544-32	21226014.D	12/26/2012	13:55
076SB-0112M-0001-SO	240-18544-31	21226015.D	12/26/2012	14:18
	MRL 240-70078/16	21226016.D	12/26/2012	14:42

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: 21221001.D DFTPP Injection Date: 12/21/2012

Instrument ID: A4HP9 DFTPP Injection Time: 13:19

Analysis Batch No.: 69820

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	48.2	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	76.5	
70	Less than 2.0% of mass 69	0.3	(0.3)1
127	25.0 - 75.0% of mass 198	54.4	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.8	
275	10.0- 30.0% of mass 198	24.6	
365	Greater than 0.75% of mass 198	2.5	
441	Present, but less than mass 443	0.7	
442	40.0 - 110.0% of mass 198	74.4	
443	15.0 - 24.0% of mass 442	14.2	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 240-69820/2	21221002.D	12/21/2012	13:40
	STD4 240-69820/3	21221003.D	12/21/2012	14:05
	STD3 240-69820/4	21221004.D	12/21/2012	14:29
	STD2 240-69820/5	21221005.D	12/21/2012	14:55
	STD1 240-69820/6	21221006.D	12/21/2012	15:20
	STD9 240-69820/7	21221007.D	12/21/2012	15:44
	STD8 240-69820/8	21221008.D	12/21/2012	16:09
	STD7 240-69820/9	21221009.D	12/21/2012	16:34
	STD6 240-69820/10	21221010.D	12/21/2012	16:59

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: 21222001.D DFTPP Injection Date: 12/22/2012

Instrument ID: A4HP9 DFTPP Injection Time: 11:45

Analysis Batch No.: 69908

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	48.5	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	75.9	
70	Less than 2.0% of mass 69	0.6	(0.8)1
127	25.0 - 75.0% of mass 198	54.3	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.2	
275	10.0- 30.0% of mass 198	22.8	
365	Greater than 0.75% of mass 198	2.3	
441	Present, but less than mass 443	12.0	
442	40.0 - 110.0% of mass 198	67.9	
443	15.0 - 24.0% of mass 442	13.1	(19.3)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICV 240-69908/3	21222003.D	12/22/2012	12:30

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: 21229001.D DFTPP Injection Date: 12/29/2012

Instrument ID: A4HP9 DFTPP Injection Time: 11:01

Analysis Batch No.: 70566

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	51.2	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	84.4	
70	Less than 2.0% of mass 69	0.5	(0.5)1
127	25.0 - 75.0% of mass 198	56.3	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	7.1	
275	10.0- 30.0% of mass 198	25.5	
365	Greater than 0.75% of mass 198	2.4	
441	Present, but less than mass 443	5.4	
442	40.0 - 110.0% of mass 198	74.5	
443	15.0 - 24.0% of mass 442	14.8	(19.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-70566/2	21229002.D	12/29/2012	11:25
	MRL 240-70566/3	21229003.D	12/29/2012	11:50
	LCS 240-70267/24-A	21229007.D	12/29/2012	14:18
076SB-0106M-0001-SO RE	240-18544-25 RE	21229012.D	12/29/2012	16:20
	MRL 240-70566/13	21229013.D	12/29/2012	16:45
	mdll1	21229014.D	12/29/2012	17:09
	mdll2	21229015.D	12/29/2012	17:34
	mdll3	21229016.D	12/29/2012	17:58
	mdll4	21229017.D	12/29/2012	18:23

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: 30102001.D DFTPP Injection Date: 01/02/2013

Instrument ID: A4HP9 DFTPP Injection Time: 08:18

Analysis Batch No.: 70814

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	45.7	
68	Less than 2.0% of mass 69	0.5	(0.6)1
69	Mass 69 relative abundance	74.4	
70	Less than 2.0% of mass 69	0.6	(0.9)1
127	25.0 - 75.0% of mass 198	52.8	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.5	
275	10.0- 30.0% of mass 198	25.2	
365	Greater than 0.75% of mass 198	2.4	
441	Present, but less than mass 443	8.8	
442	40.0 - 110.0% of mass 198	89.8	
443	15.0 - 24.0% of mass 442	16.5	(18.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-70814/2	30102002.D	01/02/2013	08:42
	MRL 240-70814/11	30102011.D	01/02/2013	12:18
	MB 240-70267/23-A	30102012.D	01/02/2013	12:45
	MRL 240-70814/13	30102013.D	01/02/2013	13:09

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: STD6 240-69576/10 Date Analyzed: 12/20/2012 16:55

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21220010.D Heated Purge: (Y/N) N

Calibration ID: 12941

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		290605	5.93	1176661	7.04	704124	8.53
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-69576/12		228139	5.93	946093	7.04	570787	8.53
ICV 240-69733/12		212483	5.90	824008	7.02	503401	8.50
CCV 240-69932/2		238734	5.89	909614	7.00	526265	8.49
MRL 240-69932/3		237288	5.88	936613	7.00	547982	8.49
MB 240-69176/23-A		217344	5.88	856878	7.00	511390	8.49
LCS 240-69176/24-A		207848	5.89	851103	7.00	500819	8.49
240-18544-8	076SB-0091M-0001-SO	244542	5.89	972690	7.00	574777	8.49
240-18544-8 MS	076SB-0091M-0001-SO MS	242013	5.89	976026	7.00	592660	8.49
240-18544-8 MSD	076SB-0091M-0001-SO MSD	277827	5.89	1105272	7.00	651286	8.49
240-18544-1	072SB-0063-0001-SO	251363	5.88	985796	7.00	584121	8.49
240-18544-1 MS	072SB-0063-0001-SO MS	240592	5.88	958399	7.00	570518	8.49
240-18544-1 MSD	072SB-0063-0001-SO MSD	246957	5.88	962166	7.00	591253	8.49
240-18544-7	076SB-0090M-0001-SO	249183	5.90	972208	7.00	574335	8.49
240-18544-7 MS	076SB-0090M-0001-SO MS	250032	5.89	943024	7.00	565907	8.49
240-18544-7 MSD	076SB-0090M-0001-SO MSD	240982	5.89	970198	7.00	568968	8.49
240-18544-5	072SB-0067-0001-SO	256814	5.89	1015310	7.00	616058	8.49
240-18544-4	072SB-0066-0001-SO	242975	5.88	959358	7.00	571569	8.49
240-18544-10	076SB-0092-0001-SO	243132	5.89	983011	7.00	581042	8.49
240-18544-11	076SB-0093-0001-SO	248784	5.89	959837	7.00	568324	8.49
240-18544-12	076SB-0094-0001-SO	242500	5.89	976932	7.00	578076	8.49
240-18544-13	076SB-0095-0001-SO	240460	5.89	952652	7.00	567953	8.49
240-18544-14	076SB-0096-0001-SO	269081	5.89	1116969	7.00	660199	8.49
240-18544-15	076SB-0097-0001-SO	240770	5.89	961048	7.00	572737	8.49
240-18544-16	076SB-0098-0001-SO	285603	5.90	1131127	7.00	685732	8.49
MRL 240-69932/24		283725	5.89	1134664	7.00	662252	8.49
CCV 240-69977/2		225820	5.87	896054	6.99	509786	8.48

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: STD6 240-69576/10 Date Analyzed: 12/20/2012 16:55

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21220010.D Heated Purge: (Y/N) N

Calibration ID: 12941

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		290605	5.93	1176661	7.04	704124	8.53
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MRL 240-69977/3		224939	5.87	903126	6.99	537810	8.48
MB 240-69185/20-A		208607	5.87	829664	6.99	496932	8.48
LCS 240-69185/21-A		200732	5.87	815611	6.99	498111	8.48
240-18544-19	076SB-0100M-0001-SO	224941	5.89	867312	7.00	520198	8.48
240-18544-19 MS	076SB-0100M-0001-SO MS	232916	5.88	922210	6.99	542404	8.48
240-18544-19 MSD	076SB-0100M-0001-SO MSD	224528	5.88	884941	6.99	533137	8.48
240-18544-25	076SB-0106M-0001-SO	241040	5.92	942076	7.01	559208	8.48
240-18544-24	076SB-0105M-0001-SO	232849	5.90	927414	7.00	541847	8.48
240-18544-23	076SB-0104M-0001-SO	239491	5.90	959908	7.00	555002	8.48
240-18544-22	076SB-0103M-0001-SO	230231	5.89	933630	7.00	549814	8.48
240-18544-21	076SB-0102M-0001-SO	226624	5.89	915149	7.00	534450	8.48
240-18544-20	076SB-0101M-0001-SO	225565	5.88	891944	6.99	539490	8.48
240-18544-27	076SB-0108M-0001-SO	221797	5.90	862867	7.00	512281	8.48
240-18544-26	076SB-0107M-0001-SO	226198	5.91	907547	7.00	544158	8.48
240-18544-28	076SB-0109M-0001-SO	222284	5.90	863205	7.00	511063	8.48
240-18544-34	076SB-0115M-0001-SO	222507	5.89	886889	7.00	516901	8.48
240-18544-33	076SB-0114M-0001-SO	229388	5.89	904698	7.00	547851	8.48
240-18544-18	076SB-0078-0001-SO	225527	5.87	880062	6.99	532753	8.48
240-18544-30	076SB-0111M-0001-SO	234087	5.90	928036	7.00	543228	8.48
240-18544-29	076SB-0110M-0001-SO	222919	5.90	892375	7.00	536901	8.48
240-18544-17	076SB-0099-0001-SO	215560	5.89	851876	7.00	504910	8.48
240-18544-2	072SB-0064-0001-SO	221803	5.87	869179	6.99	528830	8.48
240-18544-3	072SB-0065-0001-SO	219131	5.87	873108	6.99	508233	8.48
240-18544-6	072SB-0068-0001-SO	222585	5.87	894063	6.99	530690	8.48
MRL 240-69977/27		275929	5.87	1119618	6.99	664048	8.48
CCV 240-70078/2		214593	5.86	865513	6.98	511616	8.47
MRL 240-70078/3		216732	5.86	871891	6.98	514637	8.47

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: STD6 240-69576/10 Date Analyzed: 12/20/2012 16:55

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21220010.D Heated Purge: (Y/N) N

Calibration ID: 12941

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		290605	5.93	1176661	7.04	704124	8.53
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
240-18544-32	076SB-0113M-0001-SO	269496	5.86	1079751	6.98	641746	8.47
240-18544-31	076SB-0112M-0001-SO	266372	5.86	1058829	6.98	626222	8.47
MRL 240-70078/16		270485	5.86	1072570	6.98	636665	8.47

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: STD6 240-69576/10 Date Analyzed: 12/20/2012 16:55

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21220010.D Heated Purge: (Y/N) N

Calibration ID: 12941

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1125932	9.79	1198460	12.34	979934	14.41
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-69576/12		891245	9.79	950757	12.34	763524	14.41
ICV 240-69733/12		800103	9.76	902978	12.30	709457	14.35
CCV 240-69932/2		860803	9.75	906060	12.27	726885	14.32
MRL 240-69932/3		864379	9.75	891834	12.27	719780	14.32
MB 240-69176/23-A		814685	9.75	824049	12.27	629691	14.32
LCS 240-69176/24-A		789093	9.75	830605	12.28	636279	14.33
240-18544-8	076SB-0091M-0001-SO	910843	9.75	921776	12.27	716130	14.32
240-18544-8 MS	076SB-0091M-0001-SO MS	930153	9.75	967074	12.27	755858	14.32
240-18544-8 MSD	076SB-0091M-0001-SO MSD	1003968	9.75	1119523	12.27	853715	14.32
240-18544-1	072SB-0063-0001-SO	898267	9.75	951919	12.27	733493	14.32
240-18544-1 MS	072SB-0063-0001-SO MS	911088	9.75	949536	12.27	758698	14.32
240-18544-1 MSD	072SB-0063-0001-SO MSD	909522	9.75	969884	12.27	757080	14.32
240-18544-7	076SB-0090M-0001-SO	939742	9.75	943381	12.27	755058	14.32
240-18544-7 MS	076SB-0090M-0001-SO MS	918411	9.75	950589	12.27	760241	14.32
240-18544-7 MSD	076SB-0090M-0001-SO MSD	929027	9.75	946473	12.27	786251	14.32
240-18544-5	072SB-0067-0001-SO	996232	9.75	1034397	12.27	844176	14.32
240-18544-4	072SB-0066-0001-SO	938736	9.75	949630	12.27	794009	14.32
240-18544-10	076SB-0092-0001-SO	946673	9.75	966997	12.27	814707	14.32
240-18544-11	076SB-0093-0001-SO	926056	9.75	933652	12.27	794575	14.32
240-18544-12	076SB-0094-0001-SO	932441	9.75	955894	12.27	787463	14.32
240-18544-13	076SB-0095-0001-SO	920363	9.75	919159	12.27	772682	14.32
240-18544-14	076SB-0096-0001-SO	1074199	9.74	1093462	12.27	904692	14.32
240-18544-15	076SB-0097-0001-SO	926184	9.75	934287	12.27	764986	14.32
240-18544-16	076SB-0098-0001-SO	1097210	9.74	1126445	12.27	928454	14.32
MRL 240-69932/24		1095774	9.75	1147587	12.27	932937	14.32
CCV 240-69977/2		831269	9.74	887772	12.25	699990	14.29

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: STD6 240-69576/10 Date Analyzed: 12/20/2012 16:55

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21220010.D Heated Purge: (Y/N) N

Calibration ID: 12941

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1125932	9.79	1198460	12.34	979934	14.41
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
MRL 240-69977/3		863815	9.74	903493	12.25	701950	14.29
MB 240-69185/20-A		780669	9.74	802539	12.25	600244	14.29
LCS 240-69185/21-A		768682	9.74	823830	12.25	628339	14.29
240-18544-19	076SB-0100M-0001-SO	820752	9.74	872254	12.25	690190	14.29
240-18544-19 MS	076SB-0100M-0001-SO MS	871781	9.74	934569	12.25	770075	14.29
240-18544-19 MSD	076SB-0100M-0001-SO MSD	872260	9.74	911509	12.25	739659	14.29
240-18544-25	076SB-0106M-0001-SO	878285	9.74	920194	12.25	744543	14.29
240-18544-24	076SB-0105M-0001-SO	877704	9.74	905175	12.25	773030	14.29
240-18544-23	076SB-0104M-0001-SO	911926	9.74	921420	12.25	789482	14.29
240-18544-22	076SB-0103M-0001-SO	869490	9.74	897844	12.25	751287	14.29
240-18544-21	076SB-0102M-0001-SO	855414	9.74	883049	12.25	762819	14.29
240-18544-20	076SB-0101M-0001-SO	847430	9.74	864091	12.25	720973	14.29
240-18544-27	076SB-0108M-0001-SO	827906	9.74	851085	12.25	716163	14.29
240-18544-26	076SB-0107M-0001-SO	858725	9.74	860508	12.25	723301	14.29
240-18544-28	076SB-0109M-0001-SO	840513	9.74	841449	12.25	708759	14.29
240-18544-34	076SB-0115M-0001-SO	842393	9.74	854713	12.25	714602	14.29
240-18544-33	076SB-0114M-0001-SO	851359	9.74	879422	12.25	764431	14.29
240-18544-18	076SB-0078-0001-SO	843432	9.74	852830	12.25	740656	14.29
240-18544-30	076SB-0111M-0001-SO	877925	9.74	906281	12.25	796663	14.29
240-18544-29	076SB-0110M-0001-SO	830813	9.74	876017	12.25	761649	14.29
240-18544-17	076SB-0099-0001-SO	819139	9.74	821834	12.25	711679	14.29
240-18544-2	072SB-0064-0001-SO	829395	9.74	862251	12.25	724542	14.29
240-18544-3	072SB-0065-0001-SO	824585	9.74	845253	12.25	740242	14.29
240-18544-6	072SB-0068-0001-SO	842619	9.74	874493	12.25	739165	14.29
MRL 240-69977/27		1090727	9.74	1145882	12.25	951647	14.29
CCV 240-70078/2		805358	9.72	830096	12.24	685405	14.27
MRL 240-70078/3		819165	9.72	871781	12.24	690664	14.27

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: STD6 240-69576/10 Date Analyzed: 12/20/2012 16:55

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21220010.D Heated Purge: (Y/N) N

Calibration ID: 12941

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1125932	9.79	1198460	12.34	979934	14.41
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
240-18544-32	076SB-0113M-0001-SO	1029969	9.72	1051228	12.24	887179	14.27
240-18544-31	076SB-0112M-0001-SO	1015721	9.72	1023308	12.24	840100	14.27
MRL 240-70078/16		1038868	9.72	1066493	12.24	868287	14.27

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: STD6 240-69820/10 Date Analyzed: 12/21/2012 16:59

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21221010.D Heated Purge: (Y/N) N

Calibration ID: 12956

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		133456	6.01	536422	7.12	310953	8.62
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-69908/3		129098	6.00	507424	7.11	292629	8.61
CCV 240-70566/2		110801	5.92	429454	7.03	260026	8.53
MRL 240-70566/3		117927	5.92	458538	7.04	274962	8.53
LCS 240-70267/24-A		103542	5.92	395648	7.03	236288	8.53
240-18544-25 RE	076SB-0106M-0001-SO RE	99910	5.95	406703	7.05	239805	8.53
MRL 240-70566/13		111636	5.92	465298	7.03	269909	8.53
CCV 240-70814/2		149052	5.94	581568	7.06	332442	8.55
MRL 240-70814/11		130256	5.94	543090	7.06	295172	8.55
MB 240-70267/23-A		127879	5.94	488800	7.06	299005	8.55
MRL 240-70814/13		142573	5.94	526831	7.06	311902	8.55

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: STD6 240-69820/10 Date Analyzed: 12/21/2012 16:59

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21221010.D Heated Purge: (Y/N) N

Calibration ID: 12956

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		564330	9.89	563045	12.50	442207	14.62
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-69908/3		521564	9.87	510621	12.47	413920	14.59
CCV 240-70566/2		441235	9.79	438762	12.34	367057	14.41
MRL 240-70566/3		459707	9.79	469617	12.34	390241	14.41
LCS 240-70267/24-A		415733	9.78	414408	12.34	343309	14.42
240-18544-25 RE	076SB-0106M-0001-SO RE	418080	9.79	403322	12.33	347890	14.41
MRL 240-70566/13		469685	9.78	463827	12.34	396312	14.41
CCV 240-70814/2		587390	9.81	580211	12.38	483136	14.47
MRL 240-70814/11		549854	9.81	556104	12.37	450270	14.46
MB 240-70267/23-A		528998	9.81	514026	12.37	409610	14.46
MRL 240-70814/13		581217	9.81	580255	12.37	484080	14.46

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO | Lab Sample ID: 240-18544-1

Matrix: Solid | Lab File ID: 21223009.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:22

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.75(g) | Date Analyzed: 12/23/2012 14:00

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.7	U	7.6	3.7	3.7
208-96-8	Acenaphthylene	3.7	U	7.6	3.7	3.7
120-12-7	Anthracene	3.7	U	7.6	3.7	3.7
56-55-3	Benzo[a]anthracene	3.7	U	7.6	3.7	3.7
50-32-8	Benzo[a]pyrene	3.7	U	7.6	3.7	3.7
205-99-2	Benzo[b]fluoranthene	3.7	U	7.6	3.7	3.7
191-24-2	Benzo[g,h,i]perylene	3.7	U	7.6	3.7	3.7
65-85-0	Benzoic acid	380	U	750	380	380
207-08-9	Benzo[k]fluoranthene	3.7	U	7.6	3.7	3.7
100-51-6	Benzyl alcohol	31	U	370	31	24
111-91-1	Bis(2-chloroethoxy)methane	31	U	110	31	25
111-44-4	Bis(2-chloroethyl)ether	3.7	U	110	3.7	2.3
108-60-1	bis (2-chloroisopropyl) ether	31	U	110	31	11
117-81-7	Bis(2-ethylhexyl) phthalate	23	J B	57	31	22
101-55-3	4-Bromophenyl phenyl ether	31	U	57	31	15
85-68-7	Butyl benzyl phthalate	31	U	57	31	11
86-74-8	Carbazole	31	U	57	31	31
106-47-8	4-Chloroaniline	31	U	170	31	19
59-50-7	4-Chloro-3-methylphenol	31	U	170	31	24
91-58-7	2-Chloronaphthalene	3.7	U	57	3.7	3.7
95-57-8	2-Chlorophenol	31	U	57	31	31
7005-72-3	4-Chlorophenyl phenyl ether	31	U	57	31	15
218-01-9	Chrysene	3.7	U	7.6	3.7	1.2
53-70-3	Dibenz(a,h)anthracene	3.7	U	7.6	3.7	3.7
132-64-9	Dibenzofuran	3.7	U	57	3.7	3.7
95-50-1	1,2-Dichlorobenzene	31	U	57	31	11
541-73-1	1,3-Dichlorobenzene	31	U	57	31	12
106-46-7	1,4-Dichlorobenzene	31	U	57	31	23
91-94-1	3,3'-Dichlorobenzidine	91	U	110	91	20
120-83-2	2,4-Dichlorophenol	31	U	170	31	23
84-66-2	Diethyl phthalate	31	U	57	31	18
105-67-9	2,4-Dimethylphenol	91	U	170	91	23
131-11-3	Dimethyl phthalate	31	U	57	31	19
84-74-2	Di-n-butyl phthalate	31	U	57	31	17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO | Lab Sample ID: 240-18544-1

Matrix: Solid | Lab File ID: 21223009.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:22

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.75(g) | Date Analyzed: 12/23/2012 14:00

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	91	U	170	91	91
51-28-5	2,4-Dinitrophenol	91	U	370	91	91
121-14-2	2,4-Dinitrotoluene	31	U	230	31	31
606-20-2	2,6-Dinitrotoluene	31	U	230	31	24
117-84-0	Di-n-octyl phthalate	31	U	57	31	31
206-44-0	Fluoranthene	3.7	U	7.6	3.7	3.7
86-73-7	Fluorene	3.7	U	7.6	3.7	3.7
118-74-1	Hexachlorobenzene	3.7	U	7.6	3.7	2.4
87-68-3	Hexachlorobutadiene	31	U	57	31	31
77-47-4	Hexachlorocyclopentadiene	31	U	370	31	31
67-72-1	Hexachloroethane	31	U	57	31	10
193-39-5	Indeno[1,2,3-cd]pyrene	3.7	U	7.6	3.7	3.7
78-59-1	Isophorone	31	U	57	31	15
91-57-6	2-Methylnaphthalene	3.7	U	7.6	3.7	3.7
95-48-7	2-Methylphenol	91	U	230	91	91
15831-10-4	3 & 4 Methylphenol	91	U	450	91	23
91-20-3	Naphthalene	3.7	U	7.6	3.7	3.7
88-74-4	2-Nitroaniline	31	U	230	31	10
99-09-2	3-Nitroaniline	91	U	230	91	18
100-01-6	4-Nitroaniline	31	U	230	31	30
98-95-3	Nitrobenzene	3.7	U	110	3.7	2.5
88-75-5	2-Nitrophenol	31	U	57	31	31
100-02-7	4-Nitrophenol	91	U	370	91	91
621-64-7	N-Nitrosodi-n-propylamine	31	U	57	31	31
86-30-6	N-Nitrosodiphenylamine	31	U	57	31	24
87-86-5	Pentachlorophenol	91	U	170	91	91
85-01-8	Phenanthrene	3.7	U	7.6	3.7	3.7
108-95-2	Phenol	31	U	57	31	31
129-00-0	Pyrene	3.7	U	7.6	3.7	3.7
120-82-1	1,2,4-Trichlorobenzene	31	U	57	31	31
95-95-4	2,4,5-Trichlorophenol	31	U	170	31	28
88-06-2	2,4,6-Trichlorophenol	91	U	170	91	91

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO | Lab Sample ID: 240-18544-1

Matrix: Solid | Lab File ID: 21223009.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:22

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.75(g) | Date Analyzed: 12/23/2012 14:00

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	52		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	52		35-100
4165-62-2	Phenol-d5 (Surr)	66		40-100
1718-51-0	Terphenyl-d14 (Surr)	59		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	38		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223009.D
Lims ID: 240-18544-U-1-D
Client ID: 072SB-0063-0001-SO
Inject. Date: 23-Dec-2012 14:00:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016131-009
Misc. Info.: 240-18544-U-1-D
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 9
Lims Batch ID: 69932
Lims Sample ID: 9
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj
Date: 23-Dec-2012 14:26:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.880	5.886	-0.006	97	251363	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	100	985796	4.00	
* 3 Acenaphthene-d10	164	8.491	8.490	0.0	92	584121	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	898267	4.00	
* 5 Chrysene-d12	240	12.272	12.272	0.0	98	951919	4.00	
* 6 Perylene-d12	264	14.321	14.320	0.0	92	733493	4.00	
$ 7 2-Fluorophenol	112	4.639	4.629	0.010	94	746091	9.68	
$ 8 Phenol-d5	99	5.527	5.522	0.005	96	1012492	9.86	
$ 9 Nitrobenzene-d5	82	6.367	6.367	0.0	92	569432	5.24	
$ 10 2-Fluorobiphenyl (Surr)	172	7.902	7.907	-0.005	99	1081839	5.17	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	94	111055	5.65	
$ 12 Terphenyl-d14	244	11.095	11.095	0.0	99	1143818	5.87	
41 Phenol	94		5.538					9
44 Bis(2-chloroethyl)ether	93		5.634					
46 2-Chlorophenol	128		5.688					9
47 1,3-Dichlorobenzene	146		5.832					9
48 1,4-Dichlorobenzene	146		5.896					9
49 Benzyl alcohol	108		5.993					9
50 1,2-Dichlorobenzene	146		6.035					
51 2-Methylphenol	108		6.084					9
52 2,2'-oxybis[1-chloropropane]	45		6.116					9
191 3 & 4 Methylphenol	108		6.212					
56 N-Nitrosodi-n-propylamine	70		6.228					
60 Hexachloroethane	117		6.335					
61 Nitrobenzene	77		6.388					
63 Isophorone	82		6.592					9
65 2-Nitrophenol	139		6.661					
64 2,4-Dimethylphenol	107		6.677					
69 Benzoic acid	122		6.741					
68 Bis(2-chloroethoxy)methane	93		6.768					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.864					
72 1,2,4-Trichlorobenzene	180		6.945					9
73 Naphthalene	128		7.020					9
74 4-Chloroaniline	127		7.052					9
77 Hexachlorobutadiene	225		7.116					
84 4-Chloro-3-methylphenol	107		7.442					
85 2-Methylnaphthalene	142		7.603					9
88 Hexachlorocyclopentadiene	237		7.736					
90 2,4,6-Trichlorophenol	196		7.833					
91 2,4,5-Trichlorophenol	196		7.865					
98 2-Chloronaphthalene	162		8.020					
100 2-Nitroaniline	65		8.095					9
103 Dimethyl phthalate	163		8.234					9
105 2,6-Dinitrotoluene	165		8.287					
107 Acenaphthylene	152		8.373					
108 3-Nitroaniline	138		8.437					
110 Acenaphthene	153		8.517					9
109 2,4-Dinitrophenol	184		8.523					
111 4-Nitrophenol	109		8.549					
112 2,4-Dinitrotoluene	165		8.630					9
114 Dibenzofuran	168		8.662					9
119 Diethyl phthalate	149		8.822					9
121 4-Chlorophenyl phenyl ether	204		8.940					
124 Fluorene	166		8.950					9
123 4-Nitroaniline	138		8.950					
126 4,6-Dinitro-2-methylphenol	198		8.972					
130 N-Nitrosodiphenylamine	169		9.031					
137 4-Bromophenyl phenyl ether	248		9.352					
139 Hexachlorobenzene	284		9.416					
141 Pentachlorophenol	266		9.571					
146 Phenanthrene	178		9.769					9
147 Anthracene	178		9.812					9
149 Carbazole	167		9.935					9
151 Di-n-butyl phthalate	149		10.191					
157 Fluoranthene	202		10.769					9
160 Pyrene	202		10.978					
166 Butyl benzyl phthalate	149		11.566					9
173 3,3'-Dichlorobenzidine	252		12.208					9
171 Bis(2-ethylhexyl) phthalate	149	12.229	12.229	0.0	87	26517	0.3008	
175 Benzo[a]anthracene	228		12.256					9
176 Chrysene	228		12.304					9
178 Di-n-octyl phthalate	149		13.128					
180 Benzo[b]fluoranthene	252		13.743					9
181 Benzo[k]fluoranthene	252		13.786					9
182 Benzo[a]pyrene	252		14.240					
186 Indeno[1,2,3-cd]pyrene	276		15.963					9
187 Dibenz(a,h)anthracene	278		15.989					
188 Benzo[g,h,i]perylene	276		16.396					9

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

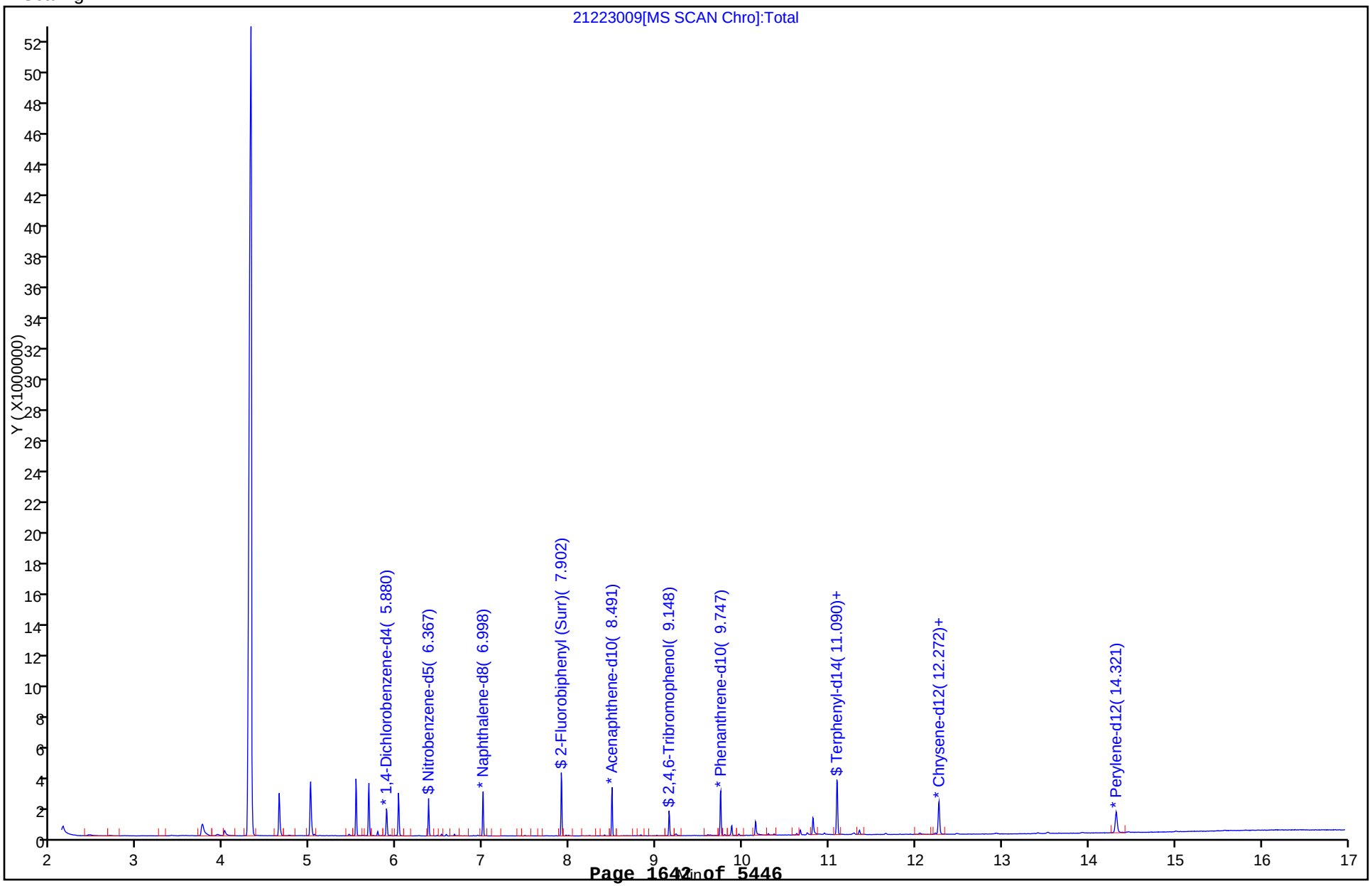
Report Date: 24-Dec-2012 12:29:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223009.D

Injection Date:	23-Dec-2012 14:00:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0063-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



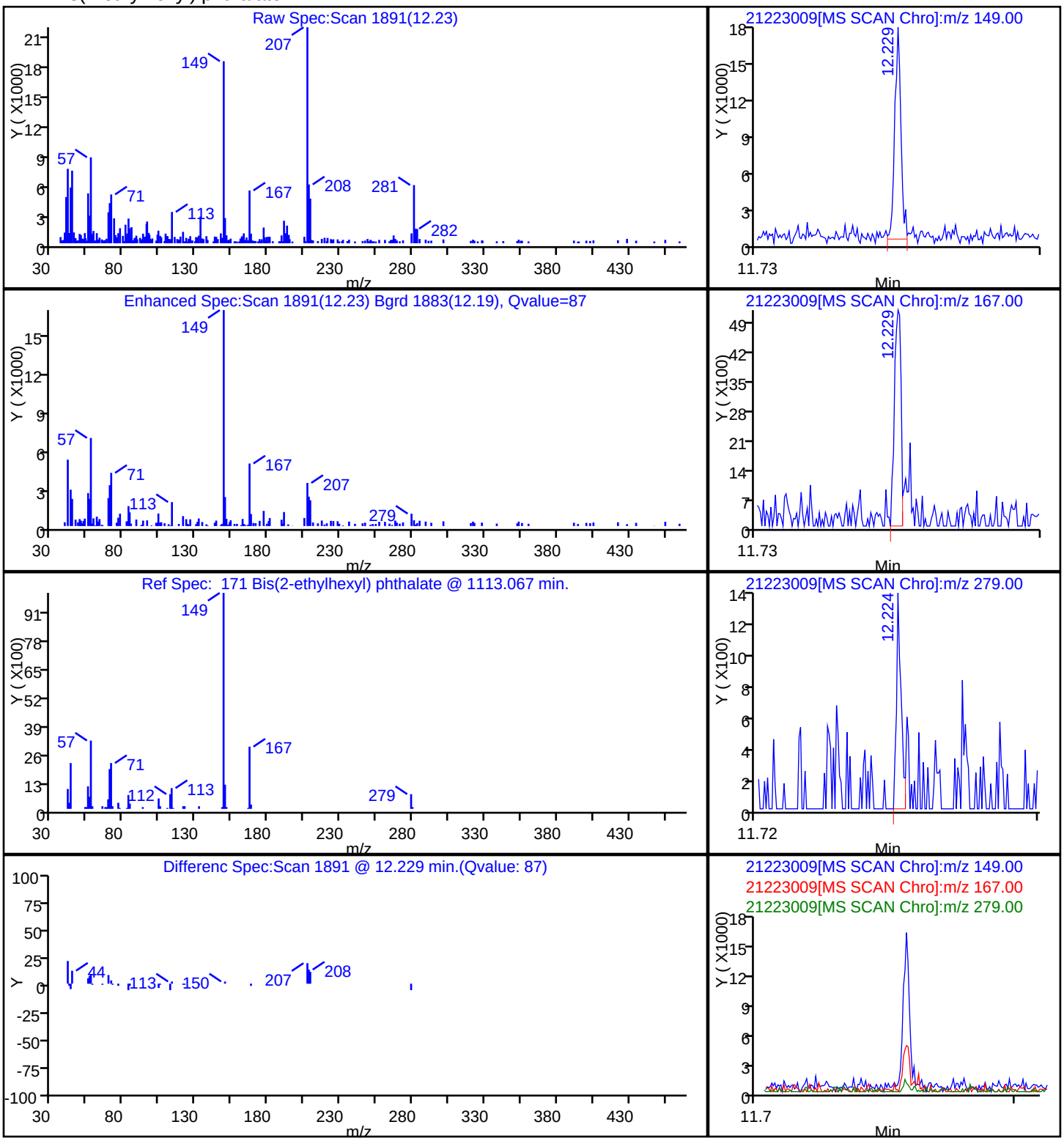
Report Date: 24-Dec-2012 12:29:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223009.D

Injection Date:	23-Dec-2012 14:00:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0063-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0064-0001-SO | Lab Sample ID: 240-18544-2

Matrix: Solid | Lab File ID: 21224024.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:22

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.02(g) | Date Analyzed: 12/24/2012 17:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.7	U	7.4	3.7	3.7
208-96-8	Acenaphthylene	3.7	U	7.4	3.7	3.7
120-12-7	Anthracene	3.7	U	7.4	3.7	3.7
56-55-3	Benzo[a]anthracene	3.7	U	7.4	3.7	3.7
50-32-8	Benzo[a]pyrene	3.7	U	7.4	3.7	3.7
205-99-2	Benzo[b]fluoranthene	3.7	U	7.4	3.7	3.7
191-24-2	Benzo[g,h,i]perylene	3.7	U	7.4	3.7	3.7
65-85-0	Benzoic acid	370	U	740	370	370
207-08-9	Benzo[k]fluoranthene	3.7	U	7.4	3.7	3.7
100-51-6	Benzyl alcohol	30	U	370	30	23
111-91-1	Bis(2-chloroethoxy)methane	30	U	110	30	25
111-44-4	Bis(2-chloroethyl)ether	3.7	U	110	3.7	2.2
108-60-1	bis (2-chloroisopropyl) ether	30	U	110	30	11
117-81-7	Bis(2-ethylhexyl) phthalate	21	J B	56	30	21
101-55-3	4-Bromophenyl phenyl ether	30	U	56	30	14
85-68-7	Butyl benzyl phthalate	30	U	56	30	11
86-74-8	Carbazole	30	U	56	30	30
106-47-8	4-Chloroaniline	30	U	170	30	19
59-50-7	4-Chloro-3-methylphenol	30	U	170	30	23
91-58-7	2-Chloronaphthalene	3.7	U	56	3.7	3.7
95-57-8	2-Chlorophenol	30	U	56	30	30
7005-72-3	4-Chlorophenyl phenyl ether	30	U	56	30	14
218-01-9	Chrysene	3.7	U	7.4	3.7	1.2
53-70-3	Dibenz(a,h)anthracene	3.7	U	7.4	3.7	3.7
132-64-9	Dibenzofuran	3.7	U	56	3.7	3.7
95-50-1	1,2-Dichlorobenzene	30	U	56	30	11
541-73-1	1,3-Dichlorobenzene	30	U	56	30	12
106-46-7	1,4-Dichlorobenzene	30	U	56	30	22
91-94-1	3,3'-Dichlorobenzidine	89	U	110	89	20
120-83-2	2,4-Dichlorophenol	30	U	170	30	22
84-66-2	Diethyl phthalate	30	U	56	30	18
105-67-9	2,4-Dimethylphenol	89	U	170	89	22
131-11-3	Dimethyl phthalate	30	U	56	30	19
84-74-2	Di-n-butyl phthalate	30	U	56	30	17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0064-0001-SO | Lab Sample ID: 240-18544-2

Matrix: Solid | Lab File ID: 21224024.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:22

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.02(g) | Date Analyzed: 12/24/2012 17:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	89	U	170	89	89
51-28-5	2,4-Dinitrophenol	89	U	370	89	89
121-14-2	2,4-Dinitrotoluene	30	U	220	30	30
606-20-2	2,6-Dinitrotoluene	30	U	220	30	23
117-84-0	Di-n-octyl phthalate	30	U	56	30	30
206-44-0	Fluoranthene	3.7	U	7.4	3.7	3.7
86-73-7	Fluorene	3.7	U	7.4	3.7	3.7
118-74-1	Hexachlorobenzene	3.7	U	7.4	3.7	2.3
87-68-3	Hexachlorobutadiene	30	U	56	30	30
77-47-4	Hexachlorocyclopentadiene	30	U	370	30	30
67-72-1	Hexachloroethane	30	U	56	30	10
193-39-5	Indeno[1,2,3-cd]pyrene	3.7	U	7.4	3.7	3.7
78-59-1	Isophorone	30	U	56	30	14
91-57-6	2-Methylnaphthalene	3.7	U	7.4	3.7	3.7
95-48-7	2-Methylphenol	89	U	220	89	89
15831-10-4	3 & 4 Methylphenol	89	U	450	89	22
91-20-3	Naphthalene	3.7	U	7.4	3.7	3.7
88-74-4	2-Nitroaniline	30	U	220	30	10
99-09-2	3-Nitroaniline	89	U	220	89	18
100-01-6	4-Nitroaniline	30	U	220	30	29
98-95-3	Nitrobenzene	3.7	U	110	3.7	2.5
88-75-5	2-Nitrophenol	30	U	56	30	30
100-02-7	4-Nitrophenol	89	U	370	89	89
621-64-7	N-Nitrosodi-n-propylamine	30	U	56	30	30
86-30-6	N-Nitrosodiphenylamine	30	U	56	30	23
87-86-5	Pentachlorophenol	89	U	170	89	89
85-01-8	Phenanthrene	3.7	U	7.4	3.7	3.7
108-95-2	Phenol	30	U	56	30	30
129-00-0	Pyrene	3.7	U	7.4	3.7	3.7
120-82-1	1,2,4-Trichlorobenzene	30	U	56	30	30
95-95-4	2,4,5-Trichlorophenol	30	U	170	30	28
88-06-2	2,4,6-Trichlorophenol	89	U	170	89	89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0064-0001-SO | Lab Sample ID: 240-18544-2

Matrix: Solid | Lab File ID: 21224024.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:22

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.02(g) | Date Analyzed: 12/24/2012 17:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	47		45-105
367-12-4	2-Fluorophenol (Surr)	62		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	49		35-100
4165-62-2	Phenol-d5 (Surr)	60		40-100
1718-51-0	Terphenyl-d14 (Surr)	57		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	47		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224024.D
Lims ID: 240-18544-H-2-D
Client ID: 072SB-0064-0001-SO
Inject. Date: 24-Dec-2012 17:48:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-024
Misc. Info.: 240-18544-H-2-D
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 24
Lims Batch ID: 69977
Lims Sample ID: 24
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj
Date: 26-Dec-2012 13:02:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.873	5.873	0.0	97	221803	4.00	
* 2 Naphthalene-d8	136	6.986	6.991	-0.005	100	869179	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	91	528830	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	97	829395	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	97	862251	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	92	724542	4.00	
$ 7 2-Fluorophenol	112	4.627	4.616	0.011	94	635842	9.34	
$ 8 Phenol-d5	99	5.520	5.515	0.005	91	818653	9.04	
$ 9 Nitrobenzene-d5	82	6.360	6.360	0.0	92	470204	4.91	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	891979	4.71	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	90	124187	6.98	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	99	1010831	5.73	
41 Phenol	94		5.531					9
44 Bis(2-chloroethyl)ether	93		5.627					9
46 2-Chlorophenol	128		5.681					
47 1,3-Dichlorobenzene	146		5.825					9
48 1,4-Dichlorobenzene	146		5.889					9
49 Benzyl alcohol	108		5.985					9
50 1,2-Dichlorobenzene	146		6.028					
51 2-Methylphenol	108		6.076					9
52 2,2'-oxybis[1-chloropropane]	45		6.108					
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					9
60 Hexachloroethane	117		6.328					9
61 Nitrobenzene	77		6.376					
63 Isophorone	82		6.579					9
65 2-Nitrophenol	139		6.654					
64 2,4-Dimethylphenol	107		6.670					
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128		7.007					9
74 4-Chloroaniline	127		7.039					
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					9
85 2-Methylnaphthalene	142		7.595					9
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					
98 2-Chloronaphthalene	162		8.013					9
100 2-Nitroaniline	65		8.082					
103 Dimethyl phthalate	163		8.221					9
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					9
108 3-Nitroaniline	138		8.424					
110 Acenaphthene	153		8.510					9
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					9
112 2,4-Dinitrotoluene	165		8.617					
114 Dibenzofuran	168		8.654					9
119 Diethyl phthalate	149		8.809					9
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					9
146 Phenanthrene	178		9.756					9
147 Anthracene	178		9.799					9
149 Carbazole	167		9.922					9
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202		10.762					
160 Pyrene	202		10.965					
166 Butyl benzyl phthalate	149		11.548					
173 3,3'-Dichlorobenzidine	252		12.184					
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	87	20675	0.2779	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					9
178 Di-n-octyl phthalate	149		13.099					
180 Benzo[b]fluoranthene	252		13.720					
181 Benzo[k]fluoranthene	252		13.757					9
182 Benzo[a]pyrene	252		14.212					
186 Indeno[1,2,3-cd]pyrene	276		15.923					9
187 Dibenz(a,h)anthracene	278		15.950					
188 Benzo[g,h,i]perylene	276		16.356					9

QC Flag Legend

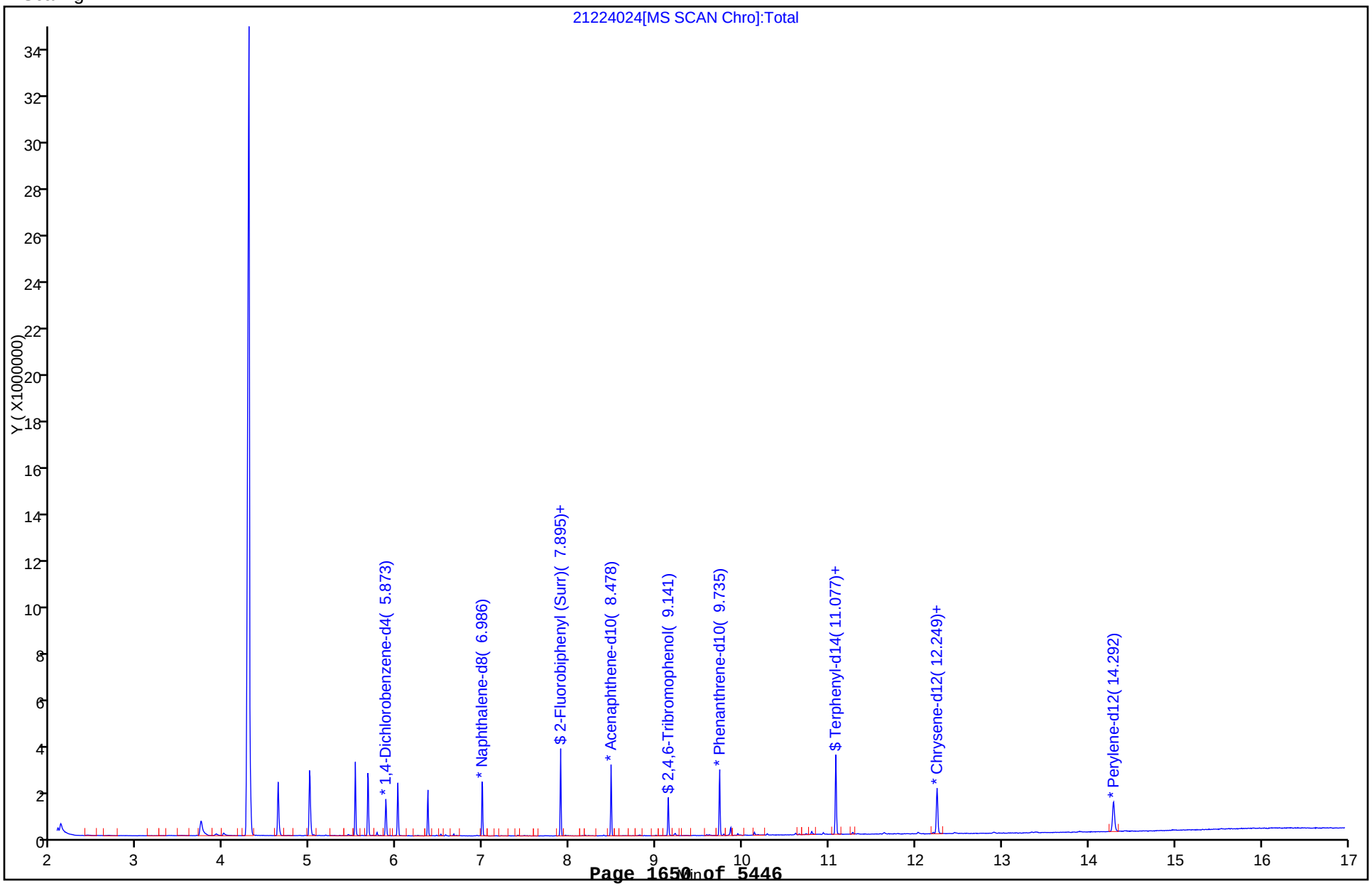
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 26-Dec-2012 13:04:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224024.D		
Injection Date:	24-Dec-2012 17:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0064-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	24
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

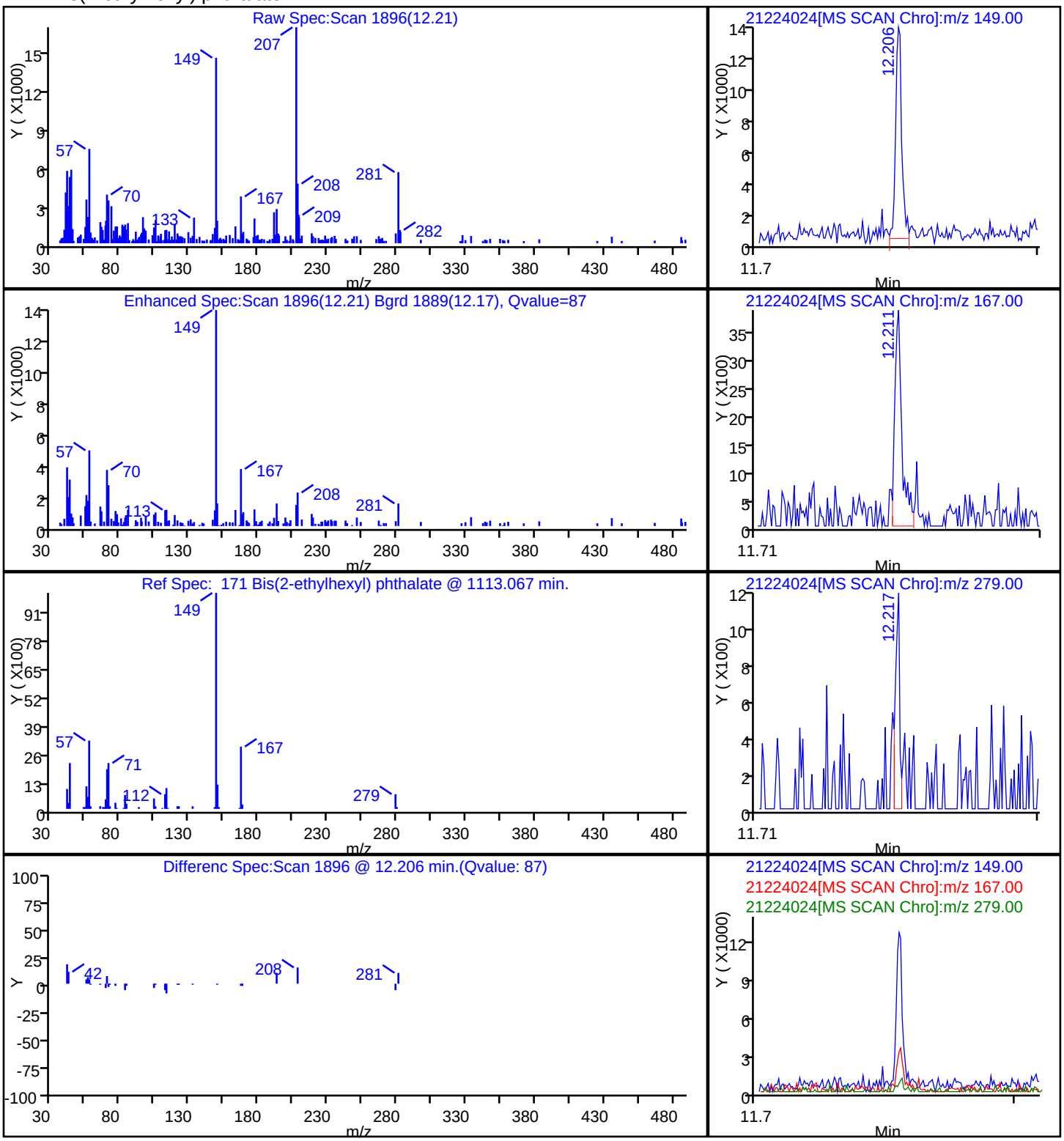


Report Date: 26-Dec-2012 13:04:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224024.D		
Injection Date:	24-Dec-2012 17:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0064-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	24
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0065-0001-SO | Lab Sample ID: 240-18544-3

Matrix: Solid | Lab File ID: 21224025.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:57

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.19(g) | Date Analyzed: 12/24/2012 18:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.7	U	7.4	3.7	3.7
208-96-8	Acenaphthylene	3.7	U	7.4	3.7	3.7
120-12-7	Anthracene	3.7	U	7.4	3.7	3.7
56-55-3	Benzo[a]anthracene	3.7	U	7.4	3.7	3.7
50-32-8	Benzo[a]pyrene	3.7	U	7.4	3.7	3.7
205-99-2	Benzo[b]fluoranthene	6.1	J	7.4	3.7	3.7
191-24-2	Benzo[g,h,i]perylene	6.9	J	7.4	3.7	3.7
65-85-0	Benzoic acid	370	U	740	370	370
207-08-9	Benzo[k]fluoranthene	3.7	U	7.4	3.7	3.7
100-51-6	Benzyl alcohol	30	U	370	30	23
111-91-1	Bis(2-chloroethoxy)methane	30	U	110	30	25
111-44-4	Bis(2-chloroethyl)ether	3.7	U	110	3.7	2.2
108-60-1	bis (2-chloroisopropyl) ether	30	U	110	30	11
117-81-7	Bis(2-ethylhexyl) phthalate	24	J B	56	30	21
101-55-3	4-Bromophenyl phenyl ether	30	U	56	30	15
85-68-7	Butyl benzyl phthalate	30	U	56	30	11
86-74-8	Carbazole	30	U	56	30	30
106-47-8	4-Chloroaniline	30	U	170	30	19
59-50-7	4-Chloro-3-methylphenol	30	U	170	30	23
91-58-7	2-Chloronaphthalene	3.7	U	56	3.7	3.7
95-57-8	2-Chlorophenol	30	U	56	30	30
7005-72-3	4-Chlorophenyl phenyl ether	30	U	56	30	15
218-01-9	Chrysene	3.7	U	7.4	3.7	1.2
53-70-3	Dibenz(a,h)anthracene	3.7	U	7.4	3.7	3.7
132-64-9	Dibenzofuran	3.7	U	56	3.7	3.7
95-50-1	1,2-Dichlorobenzene	30	U	56	30	11
541-73-1	1,3-Dichlorobenzene	30	U	56	30	12
106-46-7	1,4-Dichlorobenzene	30	U	56	30	22
91-94-1	3,3'-Dichlorobenzidine	89	U	110	89	20
120-83-2	2,4-Dichlorophenol	30	U	170	30	22
84-66-2	Diethyl phthalate	30	U	56	30	18
105-67-9	2,4-Dimethylphenol	89	U	170	89	22
131-11-3	Dimethyl phthalate	30	U	56	30	19
84-74-2	Di-n-butyl phthalate	30	U	56	30	17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0065-0001-SO | Lab Sample ID: 240-18544-3

Matrix: Solid | Lab File ID: 21224025.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:57

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.19(g) | Date Analyzed: 12/24/2012 18:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	89	U	170	89	89
51-28-5	2,4-Dinitrophenol	89	U	370	89	89
121-14-2	2,4-Dinitrotoluene	30	U	220	30	30
606-20-2	2,6-Dinitrotoluene	30	U	220	30	23
117-84-0	Di-n-octyl phthalate	30	U	56	30	30
206-44-0	Fluoranthene	3.7	U	7.4	3.7	3.7
86-73-7	Fluorene	3.7	U	7.4	3.7	3.7
118-74-1	Hexachlorobenzene	3.7	U	7.4	3.7	2.3
87-68-3	Hexachlorobutadiene	30	U	56	30	30
77-47-4	Hexachlorocyclopentadiene	30	U	370	30	30
67-72-1	Hexachloroethane	30	U	56	30	10
193-39-5	Indeno[1,2,3-cd]pyrene	3.7	U	7.4	3.7	3.7
78-59-1	Isophorone	30	U	56	30	15
91-57-6	2-Methylnaphthalene	3.7	U	7.4	3.7	3.7
95-48-7	2-Methylphenol	89	U	220	89	89
15831-10-4	3 & 4 Methylphenol	89	U	450	89	22
91-20-3	Naphthalene	3.7	U	7.4	3.7	3.7
88-74-4	2-Nitroaniline	30	U	220	30	10
99-09-2	3-Nitroaniline	89	U	220	89	18
100-01-6	4-Nitroaniline	30	U	220	30	29
98-95-3	Nitrobenzene	3.7	U	110	3.7	2.5
88-75-5	2-Nitrophenol	30	U	56	30	30
100-02-7	4-Nitrophenol	89	U	370	89	89
621-64-7	N-Nitrosodi-n-propylamine	30	U	56	30	30
86-30-6	N-Nitrosodiphenylamine	30	U	56	30	23
87-86-5	Pentachlorophenol	89	U	170	89	89
85-01-8	Phenanthrene	3.7	U	7.4	3.7	3.7
108-95-2	Phenol	30	U	56	30	30
129-00-0	Pyrene	3.7	U	7.4	3.7	3.7
120-82-1	1,2,4-Trichlorobenzene	30	U	56	30	30
95-95-4	2,4,5-Trichlorophenol	30	U	170	30	28
88-06-2	2,4,6-Trichlorophenol	89	U	170	89	89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0065-0001-SO | Lab Sample ID: 240-18544-3

Matrix: Solid | Lab File ID: 21224025.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:57

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.19(g) | Date Analyzed: 12/24/2012 18:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	51		45-105
367-12-4	2-Fluorophenol (Surr)	68		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	51		35-100
4165-62-2	Phenol-d5 (Surr)	65		40-100
1718-51-0	Terphenyl-d14 (Surr)	61		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	50		35-125

Report Date: 26-Dec-2012 13:04:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224025.D
Lims ID: 240-18544-H-3-F Client ID: 072SB-0065-0001-SO
Inject. Date: 24-Dec-2012 18:12:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-025
Misc. Info.: 240-18544-H-3-F
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 69977 Lims Sample ID: 25
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj Date: 26-Dec-2012 13:03:24

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.873	5.873	0.0	97	219131	4.00	
* 2 Naphthalene-d8	136	6.991	6.991	0.0	99	873108	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	93	508233	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	824585	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	98	845253	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	96	740242	4.00	
$ 7 2-Fluorophenol	112	4.627	4.616	0.011	94	681272	10.1	
$ 8 Phenol-d5	99	5.520	5.515	0.005	97	869324	9.71	
$ 9 Nitrobenzene-d5	82	6.360	6.360	0.0	92	490951	5.10	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	100	927880	5.09	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	90	127171	7.44	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	98	1051544	6.08	
41 Phenol	94		5.531					9
44 Bis(2-chloroethyl)ether	93		5.627					9
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					9
48 1,4-Dichlorobenzene	146		5.889					9
49 Benzyl alcohol	108		5.985					9
50 1,2-Dichlorobenzene	146		6.028					
51 2-Methylphenol	108		6.076					9
52 2,2'-oxybis[1-chloropropane]	45		6.108					9
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					9
60 Hexachloroethane	117		6.328					
61 Nitrobenzene	77		6.376					
63 Isophorone	82		6.579					
65 2-Nitrophenol	139		6.654					
64 2,4-Dimethylphenol	107		6.670					
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128		7.007					9
74 4-Chloroaniline	127		7.039					9
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					
85 2-Methylnaphthalene	142		7.595					9
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					
98 2-Chloronaphthalene	162		8.013					
100 2-Nitroaniline	65		8.082					9
103 Dimethyl phthalate	163		8.221					9
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					
108 3-Nitroaniline	138		8.424					
110 Acenaphthene	153		8.510					
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					
114 Dibenzofuran	168		8.654					9
119 Diethyl phthalate	149		8.809					
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					
146 Phenanthrene	178		9.756					
147 Anthracene	178		9.799					
149 Carbazole	167		9.922					
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202		10.762					9
160 Pyrene	202		10.965					
166 Butyl benzyl phthalate	149		11.548					
173 3,3'-Dichlorobenzidine	252		12.184					
171 Bis(2-ethylhexyl) phthalate	149	12.211	12.211	0.0	82	25857	0.3169	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					
178 Di-n-octyl phthalate	149		13.099					9
180 Benzo[b]fluoranthene	252	13.714	13.720	-0.006	80	17979	0.0813	
181 Benzo[k]fluoranthene	252		13.757					
182 Benzo[a]pyrene	252		14.212					
186 Indeno[1,2,3-cd]pyrene	276		15.923					9
187 Dibenz(a,h)anthracene	278		15.950					
188 Benzo[g,h,i]perylene	276	16.351	16.356	-0.005	68	17995	0.0932	

QC Flag Legend

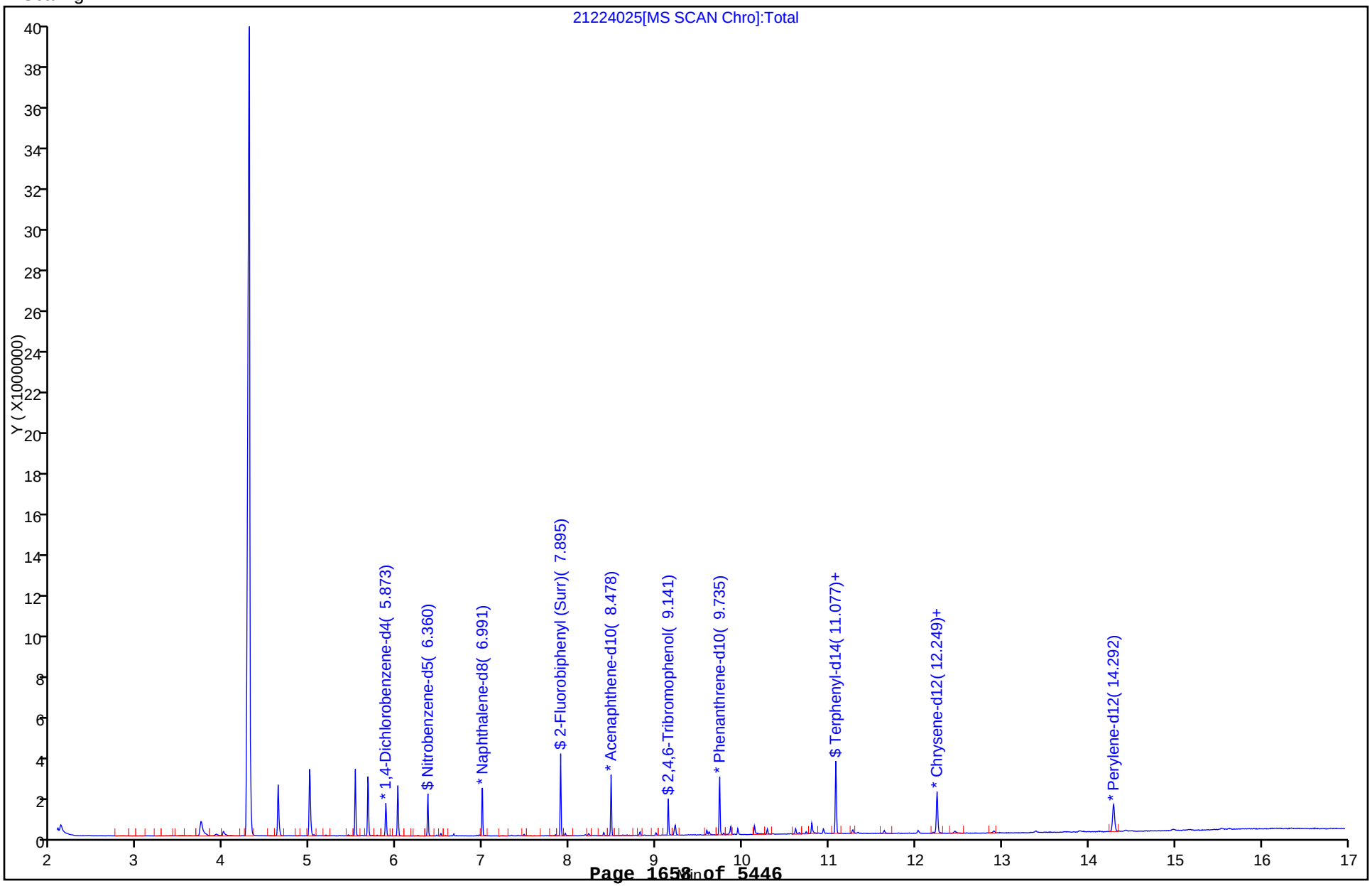
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 26-Dec-2012 13:04:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224025.D		
Injection Date:	24-Dec-2012 18:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0065-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



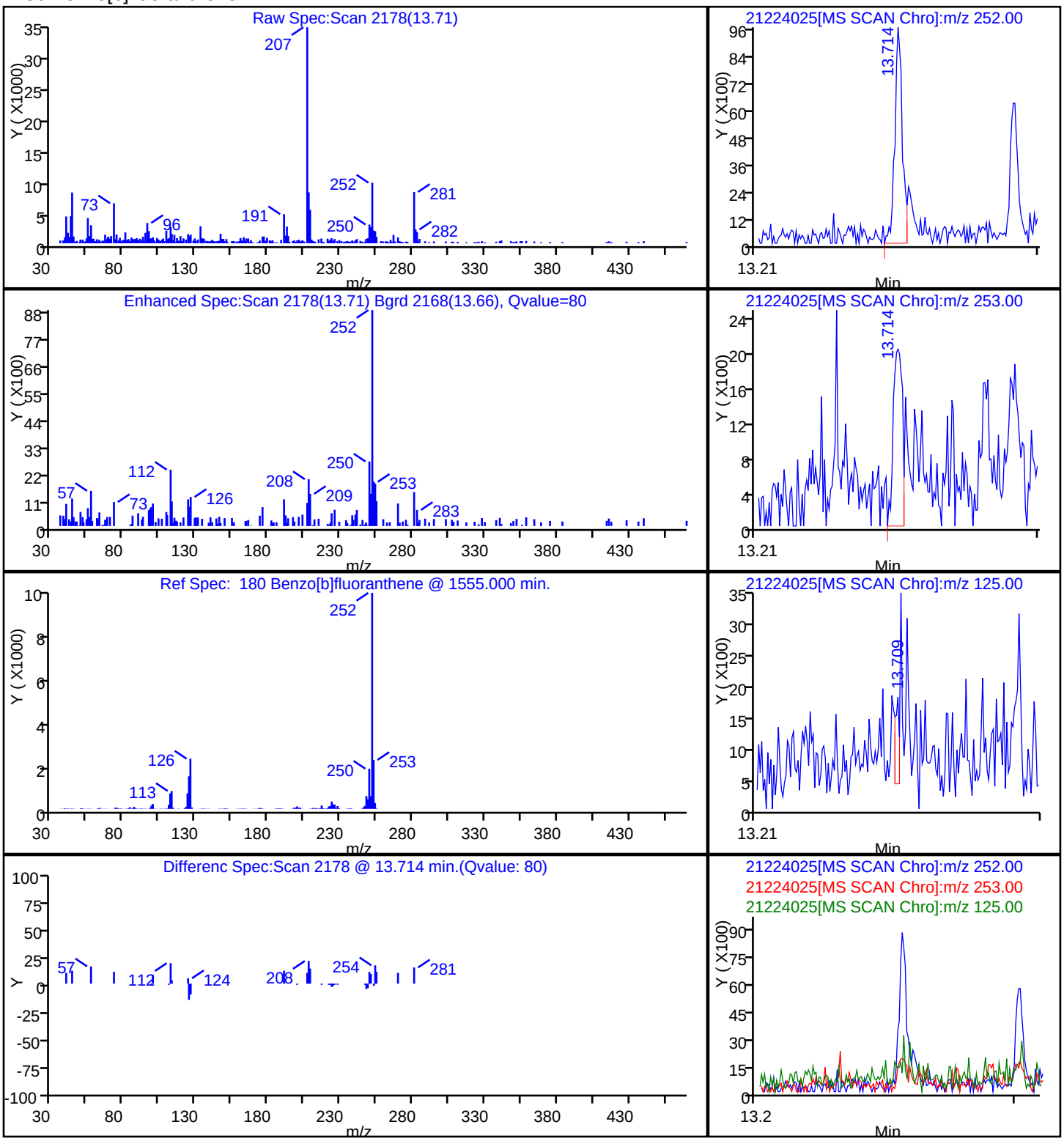
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224025.D

Injection Date:	24-Dec-2012 18:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0065-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



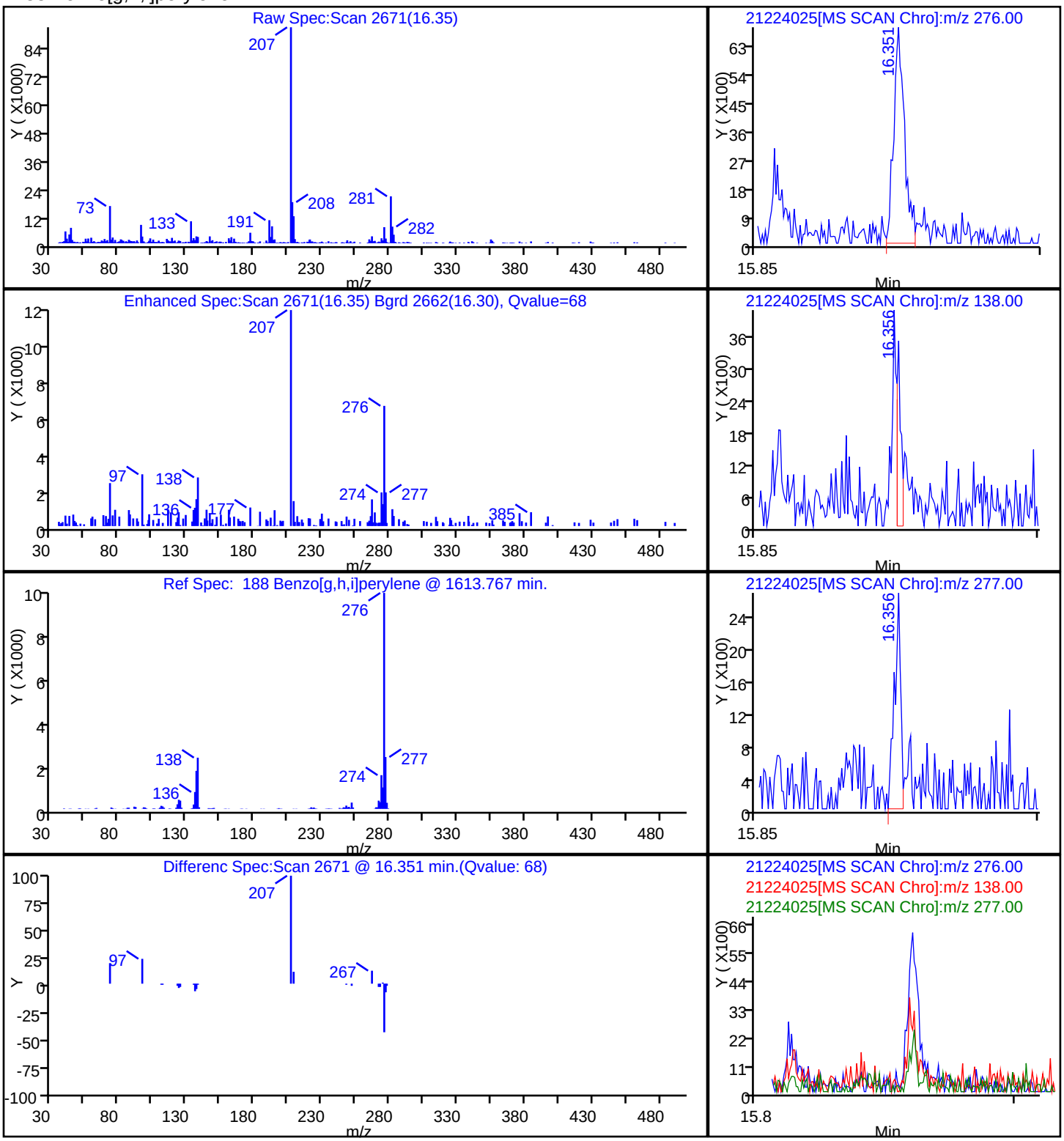
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224025.D

Injection Date:	24-Dec-2012 18:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0065-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

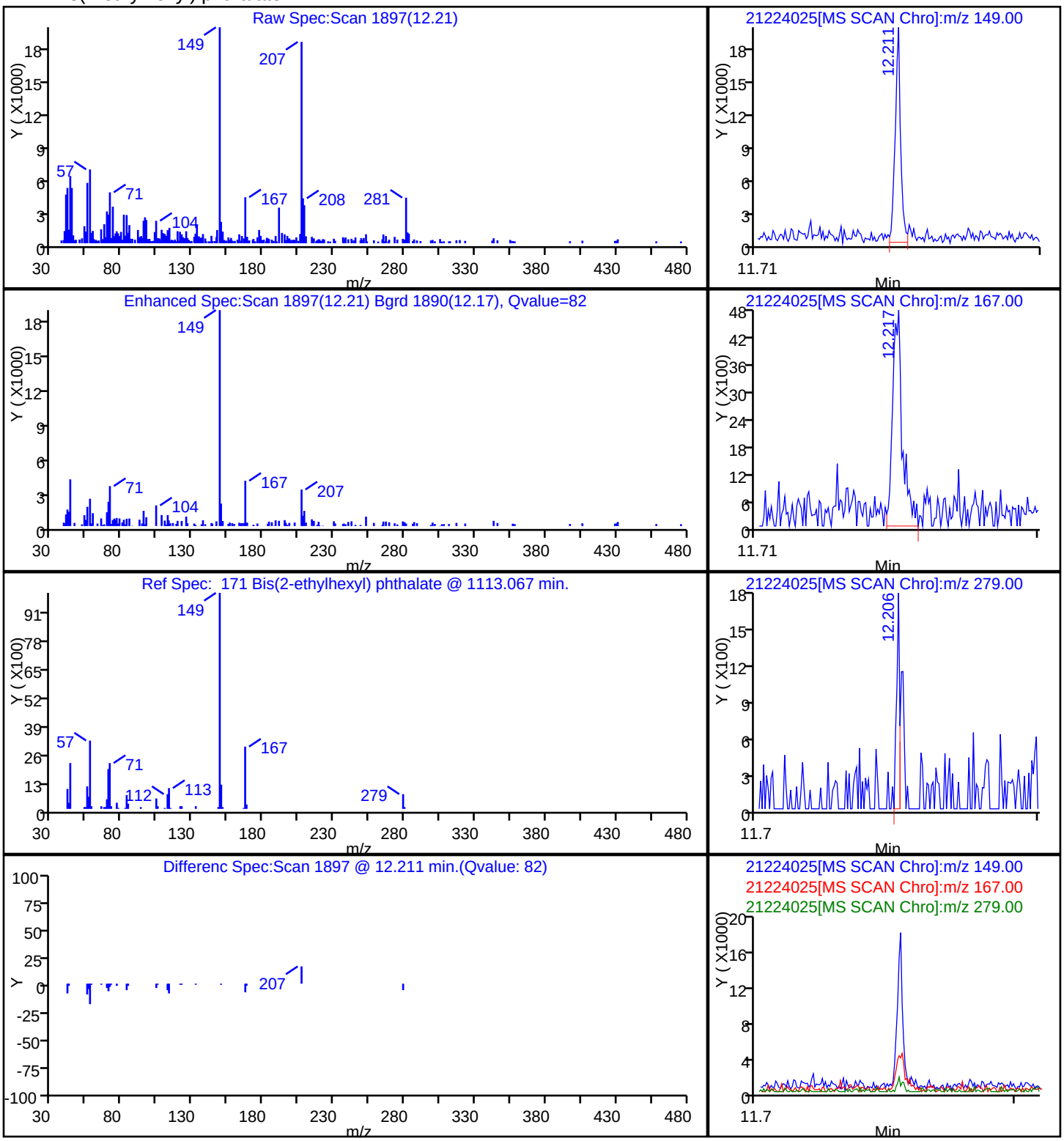


Report Date: 26-Dec-2012 13:04:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224025.D		
Injection Date:	24-Dec-2012 18:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0065-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0066-0001-SO | Lab Sample ID: 240-18544-4

Matrix: Solid | Lab File ID: 21223016.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 10:12

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.76(g) | Date Analyzed: 12/23/2012 16:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.8	U	7.6	3.8	3.8
208-96-8	Acenaphthylene	3.8	U	7.6	3.8	3.8
120-12-7	Anthracene	3.8	U	7.6	3.8	3.8
56-55-3	Benzo[a]anthracene	3.8	U	7.6	3.8	3.8
50-32-8	Benzo[a]pyrene	3.8	U	7.6	3.8	3.8
205-99-2	Benzo[b]fluoranthene	3.8	U	7.6	3.8	3.8
191-24-2	Benzo[g,h,i]perylene	3.8	U	7.6	3.8	3.8
65-85-0	Benzoic acid	380	U	750	380	380
207-08-9	Benzo[k]fluoranthene	3.8	U	7.6	3.8	3.8
100-51-6	Benzyl alcohol	31	U	380	31	24
111-91-1	Bis(2-chloroethoxy)methane	31	U	110	31	25
111-44-4	Bis(2-chloroethyl)ether	3.8	U	110	3.8	2.3
108-60-1	bis (2-chloroisopropyl) ether	31	U	110	31	11
117-81-7	Bis(2-ethylhexyl) phthalate	26	J B	57	31	22
101-55-3	4-Bromophenyl phenyl ether	31	U	57	31	15
85-68-7	Butyl benzyl phthalate	31	U	57	31	11
86-74-8	Carbazole	31	U	57	31	31
106-47-8	4-Chloroaniline	31	U	170	31	19
59-50-7	4-Chloro-3-methylphenol	31	U	170	31	24
91-58-7	2-Chloronaphthalene	3.8	U	57	3.8	3.8
95-57-8	2-Chlorophenol	31	U	57	31	31
7005-72-3	4-Chlorophenyl phenyl ether	31	U	57	31	15
218-01-9	Chrysene	3.8	U	7.6	3.8	1.3
53-70-3	Dibenz(a,h)anthracene	3.8	U	7.6	3.8	3.8
132-64-9	Dibenzofuran	3.8	U	57	3.8	3.8
95-50-1	1,2-Dichlorobenzene	31	U	57	31	11
541-73-1	1,3-Dichlorobenzene	31	U	57	31	13
106-46-7	1,4-Dichlorobenzene	31	U	57	31	23
91-94-1	3,3'-Dichlorobenzidine	91	U	110	91	20
120-83-2	2,4-Dichlorophenol	31	U	170	31	23
84-66-2	Diethyl phthalate	31	U	57	31	18
105-67-9	2,4-Dimethylphenol	91	U	170	91	23
131-11-3	Dimethyl phthalate	31	U	57	31	19
84-74-2	Di-n-butyl phthalate	31	U	57	31	17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0066-0001-SO | Lab Sample ID: 240-18544-4

Matrix: Solid | Lab File ID: 21223016.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 10:12

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.76(g) | Date Analyzed: 12/23/2012 16:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	91	U	170	91	91
51-28-5	2,4-Dinitrophenol	91	U	380	91	91
121-14-2	2,4-Dinitrotoluene	31	U	230	31	31
606-20-2	2,6-Dinitrotoluene	31	U	230	31	24
117-84-0	Di-n-octyl phthalate	31	U	57	31	31
206-44-0	Fluoranthene	3.8	U	7.6	3.8	3.8
86-73-7	Fluorene	3.8	U	7.6	3.8	3.8
118-74-1	Hexachlorobenzene	3.8	U	7.6	3.8	2.4
87-68-3	Hexachlorobutadiene	31	U	57	31	31
77-47-4	Hexachlorocyclopentadiene	31	U	380	31	31
67-72-1	Hexachloroethane	31	U	57	31	10
193-39-5	Indeno[1,2,3-cd]pyrene	3.8	U	7.6	3.8	3.8
78-59-1	Isophorone	31	U	57	31	15
91-57-6	2-Methylnaphthalene	3.8	U	7.6	3.8	3.8
95-48-7	2-Methylphenol	91	U	230	91	91
15831-10-4	3 & 4 Methylphenol	91	U	460	91	23
91-20-3	Naphthalene	3.8	U	7.6	3.8	3.8
88-74-4	2-Nitroaniline	31	U	230	31	10
99-09-2	3-Nitroaniline	91	U	230	91	18
100-01-6	4-Nitroaniline	31	U	230	31	30
98-95-3	Nitrobenzene	3.8	U	110	3.8	2.5
88-75-5	2-Nitrophenol	31	U	57	31	31
100-02-7	4-Nitrophenol	91	U	380	91	91
621-64-7	N-Nitrosodi-n-propylamine	31	U	57	31	31
86-30-6	N-Nitrosodiphenylamine	31	U	57	31	24
87-86-5	Pentachlorophenol	91	U	170	91	91
85-01-8	Phenanthrene	3.8	U	7.6	3.8	3.8
108-95-2	Phenol	31	U	57	31	31
129-00-0	Pyrene	3.8	U	7.6	3.8	3.8
120-82-1	1,2,4-Trichlorobenzene	31	U	57	31	31
95-95-4	2,4,5-Trichlorophenol	31	U	170	31	28
88-06-2	2,4,6-Trichlorophenol	91	U	170	91	91

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0066-0001-SO | Lab Sample ID: 240-18544-4

Matrix: Solid | Lab File ID: 21223016.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 10:12

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.76(g) | Date Analyzed: 12/23/2012 16:43

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	51		45-105
367-12-4	2-Fluorophenol (Surr)	67		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	51		35-100
4165-62-2	Phenol-d5 (Surr)	66		40-100
1718-51-0	Terphenyl-d14 (Surr)	59		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	58		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223016.D
Lims ID: 240-18544-H-4-D
Client ID: 072SB-0066-0001-SO
Inject. Date: 23-Dec-2012 16:43:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016131-016
Misc. Info.: 240-18544-H-4-D
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 16
Lims Batch ID: 69932
Lims Sample ID: 16
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj
Date: 24-Dec-2012 11:23:16

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.880	5.886	-0.006	97	242975	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	100	959358	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	90	571569	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	938736	4.00	
* 5 Chrysene-d12	240	12.272	12.272	0.0	98	949630	4.00	
* 6 Perylene-d12	264	14.321	14.320	0.0	93	794009	4.00	
$ 7 2-Fluorophenol	112	4.639	4.629	0.010	94	744055	9.98	
$ 8 Phenol-d5	99	5.527	5.522	0.005	97	984447	9.92	
$ 9 Nitrobenzene-d5	82	6.367	6.367	0.0	93	541547	5.12	
$ 10 2-Fluorobiphenyl (Surr)	172	7.902	7.907	-0.005	100	1047599	5.11	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	93	166984	8.69	
$ 12 Terphenyl-d14	244	11.090	11.095	-0.005	98	1143454	5.89	
41 Phenol	94		5.538					9
44 Bis(2-chloroethyl)ether	93		5.634					9
46 2-Chlorophenol	128		5.688					9
47 1,3-Dichlorobenzene	146		5.832					9
48 1,4-Dichlorobenzene	146		5.896					9
49 Benzyl alcohol	108		5.993					9
50 1,2-Dichlorobenzene	146		6.035					9
51 2-Methylphenol	108		6.084					9
52 2,2'-oxybis[1-chloropropane]	45		6.116					
191 3 & 4 Methylphenol	108		6.212					
56 N-Nitrosodi-n-propylamine	70		6.228					
60 Hexachloroethane	117		6.335					9
61 Nitrobenzene	77		6.388					9
63 Isophorone	82		6.592					9
65 2-Nitrophenol	139		6.661					
64 2,4-Dimethylphenol	107		6.677					
69 Benzoic acid	122		6.741					
68 Bis(2-chloroethoxy)methane	93		6.768					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.864					
72 1,2,4-Trichlorobenzene	180		6.945					
73 Naphthalene	128		7.020					9
74 4-Chloroaniline	127		7.052					9
77 Hexachlorobutadiene	225		7.116					
84 4-Chloro-3-methylphenol	107		7.442					
85 2-Methylnaphthalene	142		7.603					9
88 Hexachlorocyclopentadiene	237		7.736					
90 2,4,6-Trichlorophenol	196		7.833					
91 2,4,5-Trichlorophenol	196		7.865					
98 2-Chloronaphthalene	162		8.020					9
100 2-Nitroaniline	65		8.095					9
103 Dimethyl phthalate	163		8.234					
105 2,6-Dinitrotoluene	165		8.287					
107 Acenaphthylene	152		8.373					9
108 3-Nitroaniline	138		8.437					
110 Acenaphthene	153		8.517					9
109 2,4-Dinitrophenol	184		8.523					
111 4-Nitrophenol	109		8.549					
112 2,4-Dinitrotoluene	165		8.630					
114 Dibenzofuran	168		8.662					
119 Diethyl phthalate	149		8.822					9
121 4-Chlorophenyl phenyl ether	204		8.940					9
124 Fluorene	166		8.950					
123 4-Nitroaniline	138		8.950					9
126 4,6-Dinitro-2-methylphenol	198		8.972					9
130 N-Nitrosodiphenylamine	169		9.031					
137 4-Bromophenyl phenyl ether	248		9.352					
139 Hexachlorobenzene	284		9.416					
141 Pentachlorophenol	266		9.571					
146 Phenanthrene	178		9.769					
147 Anthracene	178		9.812					
149 Carbazole	167		9.935					
151 Di-n-butyl phthalate	149		10.191					24
157 Fluoranthene	202		10.769					
160 Pyrene	202		10.978					
166 Butyl benzyl phthalate	149		11.566					
173 3,3'-Dichlorobenzidine	252		12.208					
171 Bis(2-ethylhexyl) phthalate	149	12.224	12.229	-0.005	78	33100	0.3420	
175 Benzo[a]anthracene	228		12.256					
176 Chrysene	228		12.304					
178 Di-n-octyl phthalate	149		13.128					
180 Benzo[b]fluoranthene	252		13.743					
181 Benzo[k]fluoranthene	252		13.786					
182 Benzo[a]pyrene	252		14.240					
186 Indeno[1,2,3-cd]pyrene	276		15.963					
187 Dibenz(a,h)anthracene	278		15.989					9
188 Benzo[g,h,i]perylene	276		16.396					9

QC Flag Legend

Processing Flags
2 - Failed Coelution Test
4 - Failed Signal Ratio Test
9 - Failed A Reference Spectral Test

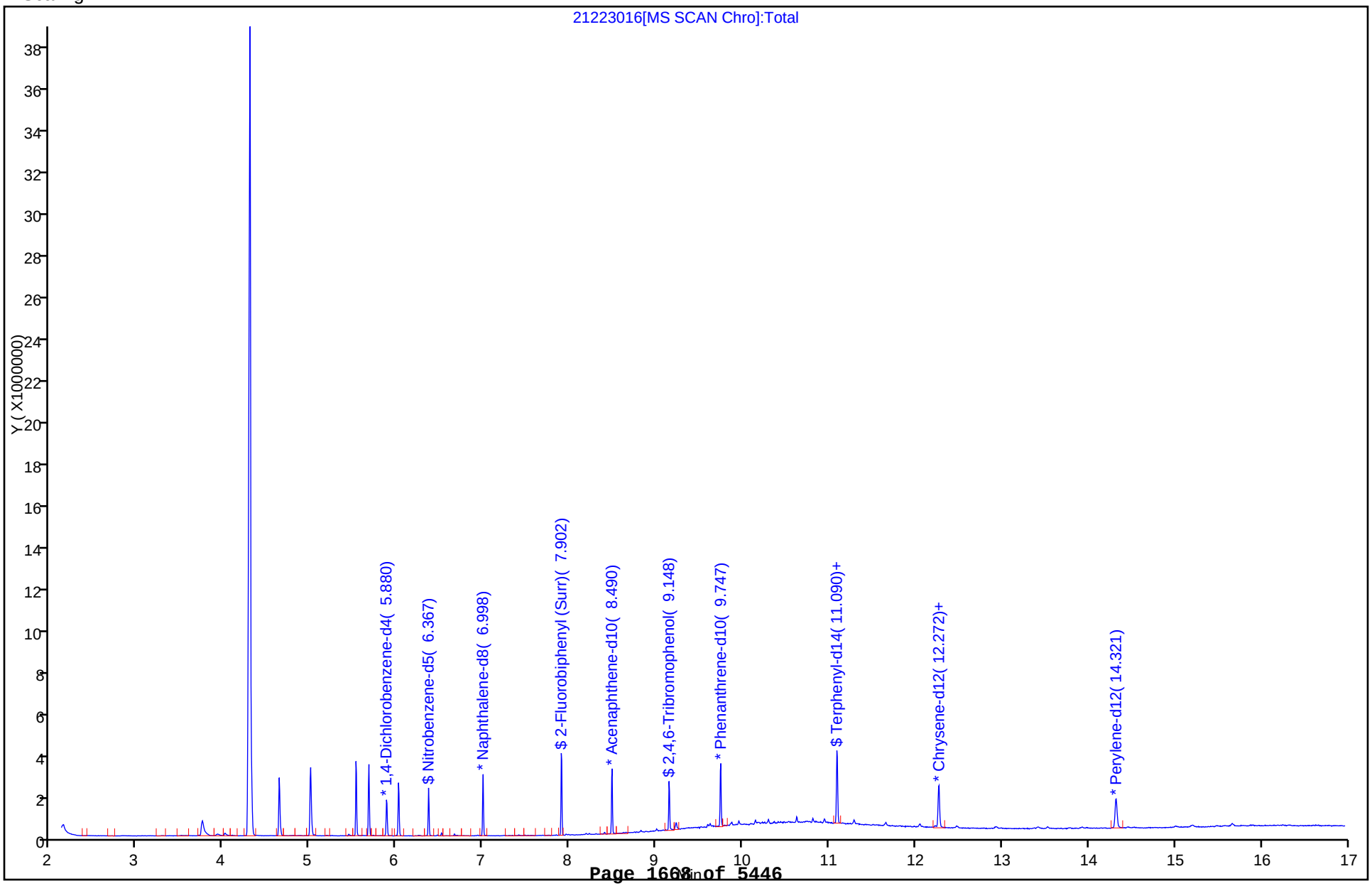
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223016.D

Injection Date:	23-Dec-2012 16:43:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0066-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



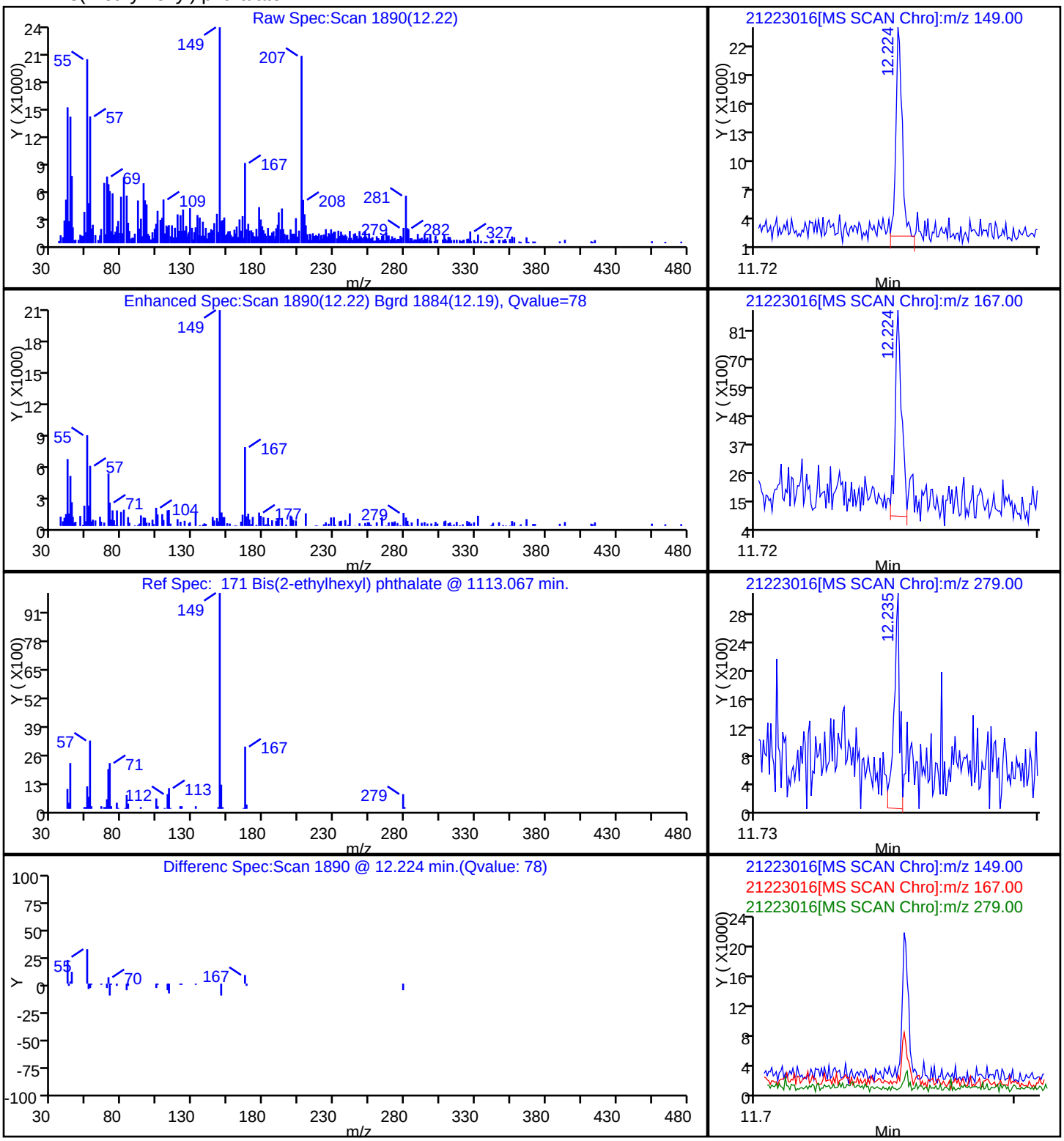
Report Date: 24-Dec-2012 12:29:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223016.D

Injection Date:	23-Dec-2012 16:43:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0066-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0067-0001-SO | Lab Sample ID: 240-18544-5

Matrix: Solid | Lab File ID: 21223015.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 10:20

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.15(g) | Date Analyzed: 12/23/2012 16:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	83		30	15	15
208-96-8	Acenaphthylene	15	U	30	15	15
120-12-7	Anthracene	15	U	30	15	15
56-55-3	Benzo[a]anthracene	15	U	30	15	15
50-32-8	Benzo[a]pyrene	15	U	30	15	15
205-99-2	Benzo[b]fluoranthene	15	U	30	15	15
191-24-2	Benzo[g,h,i]perylene	15	U	30	15	15
65-85-0	Benzoic acid	1500	U	2900	1500	1500
207-08-9	Benzo[k]fluoranthene	15	U	30	15	15
100-51-6	Benzyl alcohol	120	U	1500	120	93
111-91-1	Bis(2-chloroethoxy)methane	120	U	440	120	97
111-44-4	Bis(2-chloroethyl)ether	15	U	440	15	8.9
108-60-1	bis (2-chloroisopropyl) ether	120	U	440	120	42
117-81-7	Bis(2-ethylhexyl) phthalate	120	U	220	120	84
101-55-3	4-Bromophenyl phenyl ether	120	U	220	120	58
85-68-7	Butyl benzyl phthalate	120	U	220	120	44
86-74-8	Carbazole	120	U	220	120	120
106-47-8	4-Chloroaniline	120	U	660	120	75
59-50-7	4-Chloro-3-methylphenol	120	U	660	120	93
91-58-7	2-Chloronaphthalene	15	U	220	15	15
95-57-8	2-Chlorophenol	120	U	220	120	120
7005-72-3	4-Chlorophenyl phenyl ether	120	U	220	120	58
218-01-9	Chrysene	15	U	30	15	4.9
53-70-3	Dibenz(a,h)anthracene	15	U	30	15	15
132-64-9	Dibenzofuran	100	J	220	15	15
95-50-1	1,2-Dichlorobenzene	120	U	220	120	43
541-73-1	1,3-Dichlorobenzene	120	U	220	120	49
106-46-7	1,4-Dichlorobenzene	120	U	220	120	89
91-94-1	3,3'-Dichlorobenzidine	350	U	440	350	80
120-83-2	2,4-Dichlorophenol	120	U	660	120	89
84-66-2	Diethyl phthalate	120	U	220	120	71
105-67-9	2,4-Dimethylphenol	350	U	660	350	89
131-11-3	Dimethyl phthalate	120	U	220	120	75
84-74-2	Di-n-butyl phthalate	120	U	220	120	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0067-0001-SO | Lab Sample ID: 240-18544-5

Matrix: Solid | Lab File ID: 21223015.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 10:20

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.15(g) | Date Analyzed: 12/23/2012 16:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	350	U	660	350	350
51-28-5	2,4-Dinitrophenol	350	U	1500	350	350
121-14-2	2,4-Dinitrotoluene	120	U	890	120	120
606-20-2	2,6-Dinitrotoluene	120	U	890	120	93
117-84-0	Di-n-octyl phthalate	120	U	220	120	120
206-44-0	Fluoranthene	15	U	30	15	15
86-73-7	Fluorene	15	U	30	15	15
118-74-1	Hexachlorobenzene	15	U	30	15	9.3
87-68-3	Hexachlorobutadiene	120	U	220	120	120
77-47-4	Hexachlorocyclopentadiene	120	U	1500	120	120
67-72-1	Hexachloroethane	120	U	220	120	40
193-39-5	Indeno[1,2,3-cd]pyrene	15	U	30	15	15
78-59-1	Isophorone	120	U	220	120	58
91-57-6	2-Methylnaphthalene	15	U	30	15	15
95-48-7	2-Methylphenol	350	U	890	350	350
15831-10-4	3 & 4 Methylphenol	350	U	1800	350	89
91-20-3	Naphthalene	15	U	30	15	15
88-74-4	2-Nitroaniline	120	U	890	120	40
99-09-2	3-Nitroaniline	350	U	890	350	71
100-01-6	4-Nitroaniline	120	U	890	120	120
98-95-3	Nitrobenzene	15	U	440	15	9.7
88-75-5	2-Nitrophenol	120	U	220	120	120
100-02-7	4-Nitrophenol	350	U	1500	350	350
621-64-7	N-Nitrosodi-n-propylamine	120	U	220	120	120
86-30-6	N-Nitrosodiphenylamine	120	U	220	120	93
87-86-5	Pentachlorophenol	350	U	660	350	350
85-01-8	Phenanthrene	15	U	30	15	15
108-95-2	Phenol	120	U	220	120	120
129-00-0	Pyrene	20	J	30	15	15
120-82-1	1,2,4-Trichlorobenzene	120	U	220	120	120
95-95-4	2,4,5-Trichlorophenol	120	U	660	120	110
88-06-2	2,4,6-Trichlorophenol	350	U	660	350	350

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0067-0001-SO | Lab Sample ID: 240-18544-5

Matrix: Solid | Lab File ID: 21223015.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 10:20

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.15(g) | Date Analyzed: 12/23/2012 16:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	48		45-105
367-12-4	2-Fluorophenol (Surr)	54		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	40		35-100
4165-62-2	Phenol-d5 (Surr)	56		40-100
1718-51-0	Terphenyl-d14 (Surr)	60		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	55		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223015.D		
Lims ID:	240-18544-H-5-D	Client ID:	072SB-0067-0001-SO
Inject. Date:	23-Dec-2012 16:20:30	Dil. Factor:	4.0000
Sample Type:	Client		
Sample ID:	240-0016131-015		
Misc. Info.:	240-18544-H-5-D		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	69932	Lims Sample ID:	15
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m		
Last Update:	24-Dec-2012 12:29:22	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK011		
First Level Reviewer: gruberj		Date:	24-Dec-2012 11:22:54

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.886	5.886	0.0	93	256814	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	99	1015310	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	92	616058	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	96	996232	4.00	
* 5 Chrysene-d12	240	12.272	12.272	0.0	98	1034397	4.00	
* 6 Perylene-d12	264	14.315	14.320	-0.005	96	844176	4.00	
$ 7 2-Fluorophenol	112	4.634	4.629	0.005	93	159692	2.03	
$ 8 Phenol-d5	99	5.527	5.522	0.005	96	220155	2.10	
$ 9 Nitrobenzene-d5	82	6.367	6.367	0.0	87	110694	0.9897	
$ 10 2-Fluorobiphenyl (Surr)	172	7.907	7.907	0.0	91	265681	1.20	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	64	42363	2.05	
$ 12 Terphenyl-d14	244	11.090	11.095	-0.005	95	316324	1.49	
41 Phenol	94		5.538					9
44 Bis(2-chloroethyl)ether	93		5.634					9
46 2-Chlorophenol	128		5.688					
47 1,3-Dichlorobenzene	146		5.832					
48 1,4-Dichlorobenzene	146		5.896					
49 Benzyl alcohol	108		5.993					
50 1,2-Dichlorobenzene	146		6.035					
51 2-Methylphenol	108		6.084					
52 2,2'-oxybis[1-chloropropane]	45		6.116					
191 3 & 4 Methylphenol	108		6.212					
56 N-Nitrosodi-n-propylamine	70		6.228					9
60 Hexachloroethane	117		6.335					9
61 Nitrobenzene	77		6.388					
63 Isophorone	82		6.592					
65 2-Nitrophenol	139		6.661					
64 2,4-Dimethylphenol	107		6.677					
69 Benzoic acid	122		6.741					
68 Bis(2-chloroethoxy)methane	93		6.768					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.864					9
72 1,2,4-Trichlorobenzene	180		6.945					
73 Naphthalene	128		7.020					
74 4-Chloroaniline	127		7.052					
77 Hexachlorobutadiene	225		7.116					
84 4-Chloro-3-methylphenol	107		7.442					
85 2-Methylnaphthalene	142		7.603					
88 Hexachlorocyclopentadiene	237		7.736					
90 2,4,6-Trichlorophenol	196		7.833					
91 2,4,5-Trichlorophenol	196		7.865					9
98 2-Chloronaphthalene	162		8.020					
100 2-Nitroaniline	65		8.095					
103 Dimethyl phthalate	163		8.234					9
105 2,6-Dinitrotoluene	165		8.287					9
107 Acenaphthylene	152		8.373					
108 3-Nitroaniline	138		8.437					
110 Acenaphthene	153	8.517	8.517	0.0	63	44116	0.2798	
109 2,4-Dinitrophenol	184		8.523					9
111 4-Nitrophenol	109		8.549					
112 2,4-Dinitrotoluene	165		8.630					
114 Dibenzofuran	168	8.662	8.662	0.0	66	80817	0.3475	
119 Diethyl phthalate	149		8.822					
121 4-Chlorophenyl phenyl ether	204		8.940					
124 Fluorene	166		8.950					
123 4-Nitroaniline	138		8.950					
126 4,6-Dinitro-2-methylphenol	198		8.972					
130 N-Nitrosodiphenylamine	169		9.031					
137 4-Bromophenyl phenyl ether	248		9.352					
139 Hexachlorobenzene	284		9.416					
141 Pentachlorophenol	266		9.571					
146 Phenanthrene	178		9.769					
147 Anthracene	178		9.812					
149 Carbazole	167		9.935					
151 Di-n-butyl phthalate	149		10.191					
157 Fluoranthene	202		10.769					9
160 Pyrene	202	10.983	10.978	0.005	53	19801	0.0662	
166 Butyl benzyl phthalate	149		11.566					
173 3,3'-Dichlorobenzidine	252		12.208					
171 Bis(2-ethylhexyl) phthalate	149		12.229					
175 Benzo[a]anthracene	228		12.256					
176 Chrysene	228		12.304					9
178 Di-n-octyl phthalate	149		13.128					9
180 Benzo[b]fluoranthene	252		13.743					
181 Benzo[k]fluoranthene	252		13.786					
182 Benzo[a]pyrene	252		14.240					
186 Indeno[1,2,3-cd]pyrene	276		15.963					
187 Dibenz(a,h)anthracene	278		15.989					
188 Benzo[g,h,i]perylene	276		16.396					9

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

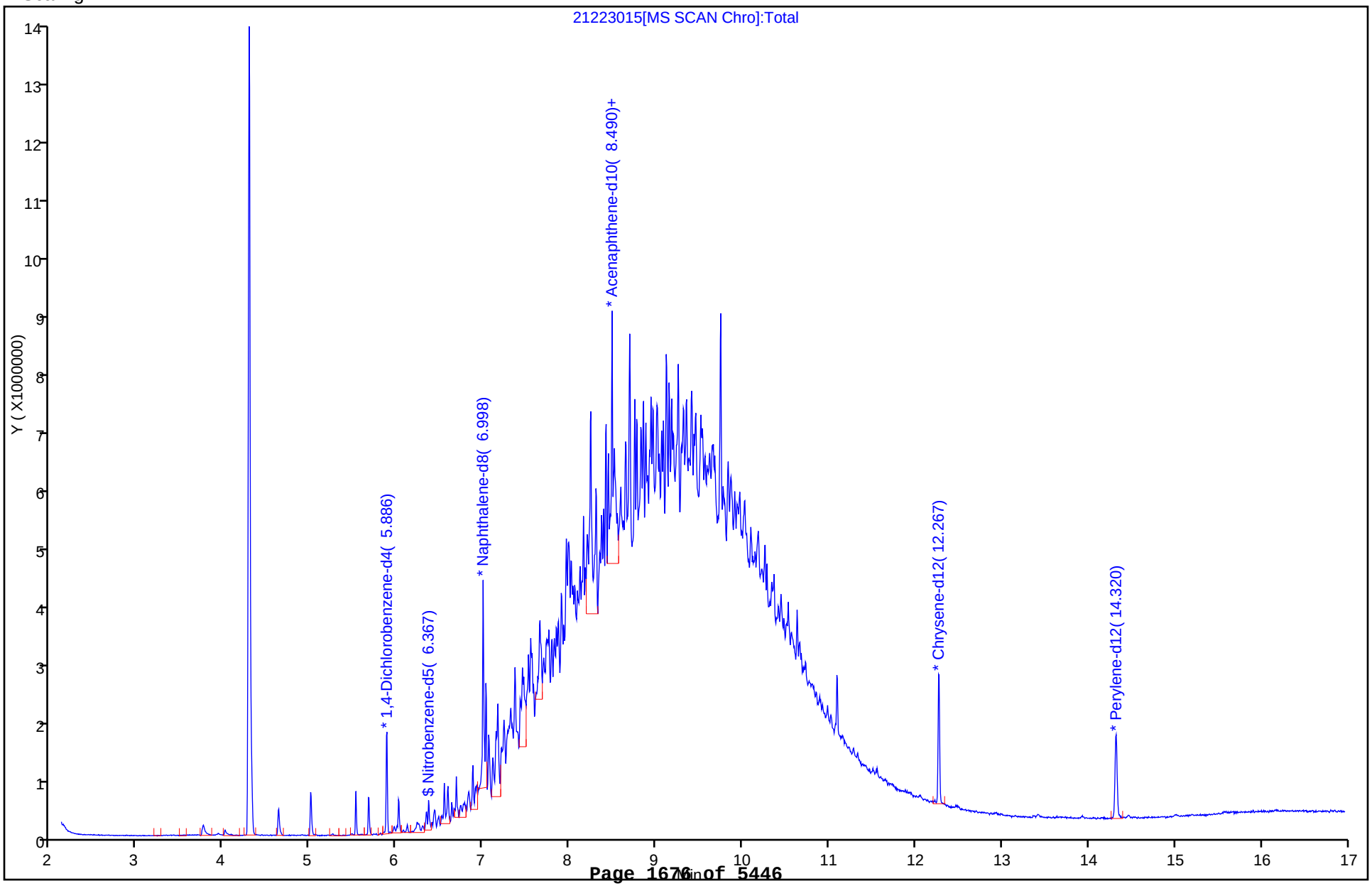
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223015.D

Injection Date:	23-Dec-2012 16:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0067-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



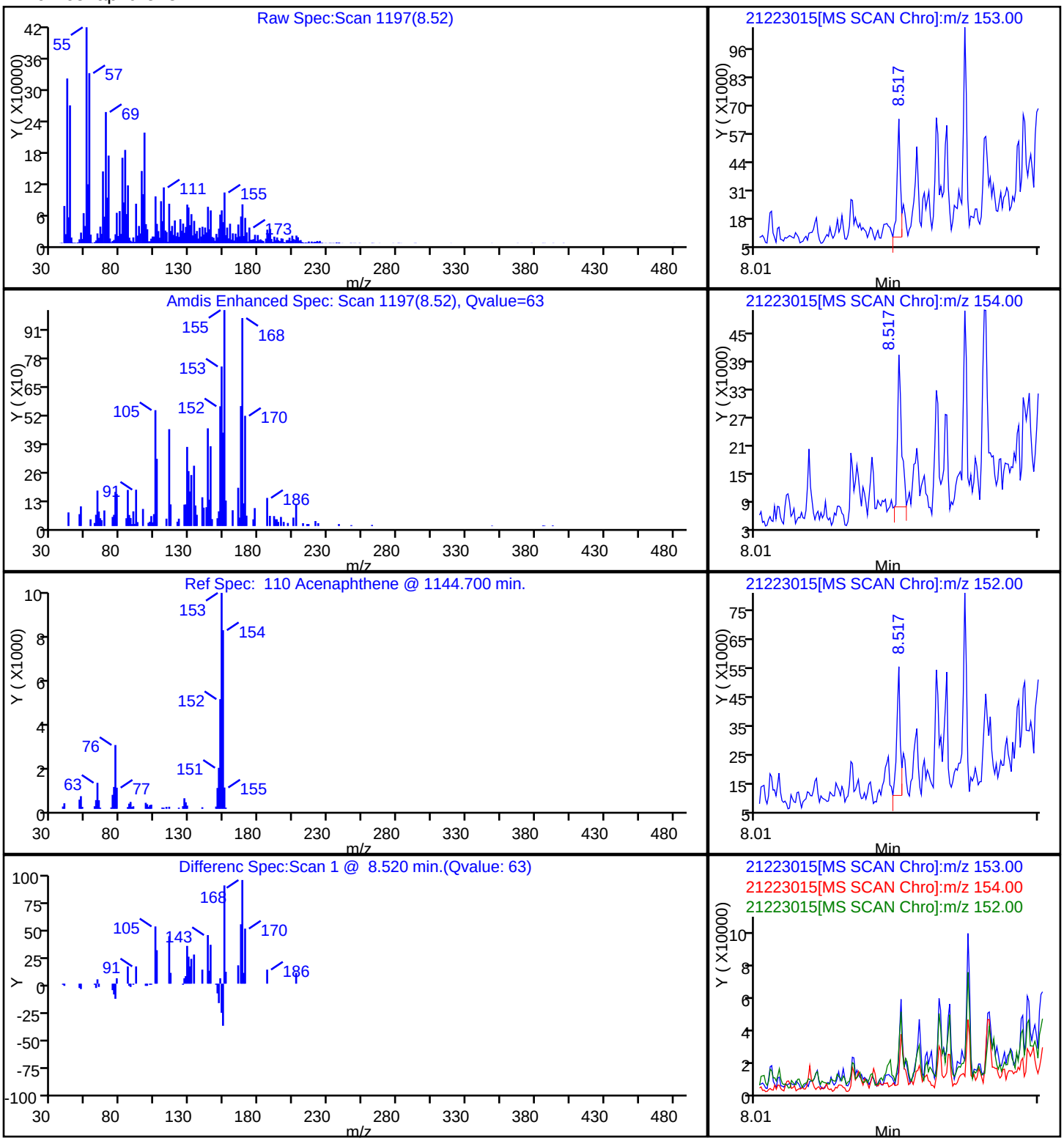
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223015.D

Injection Date:	23-Dec-2012 16:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0067-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

110 Acenaphthene

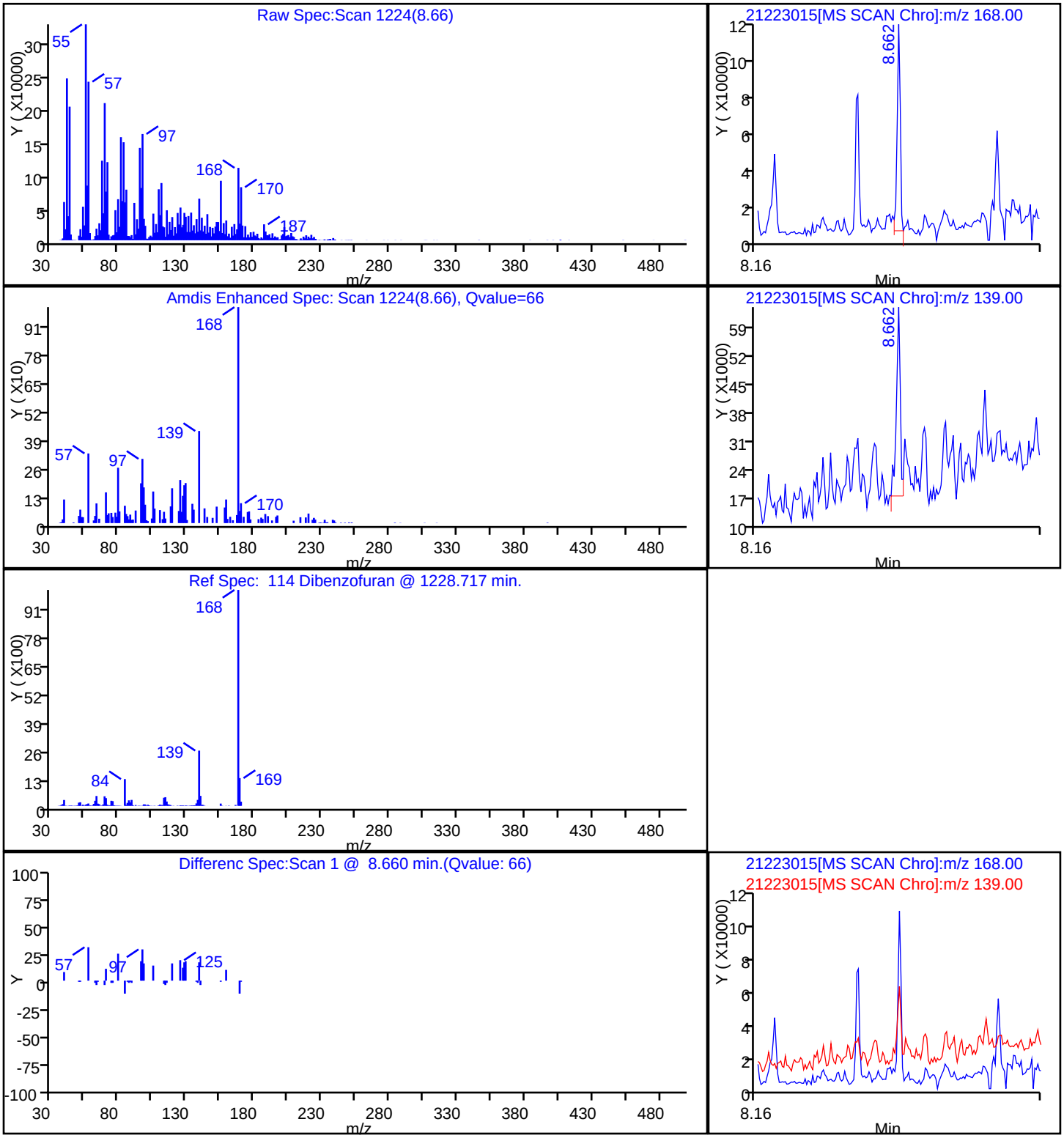


Report Date: 24-Dec-2012 12:29:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223015.D		
Injection Date:	23-Dec-2012 16:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0067-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran

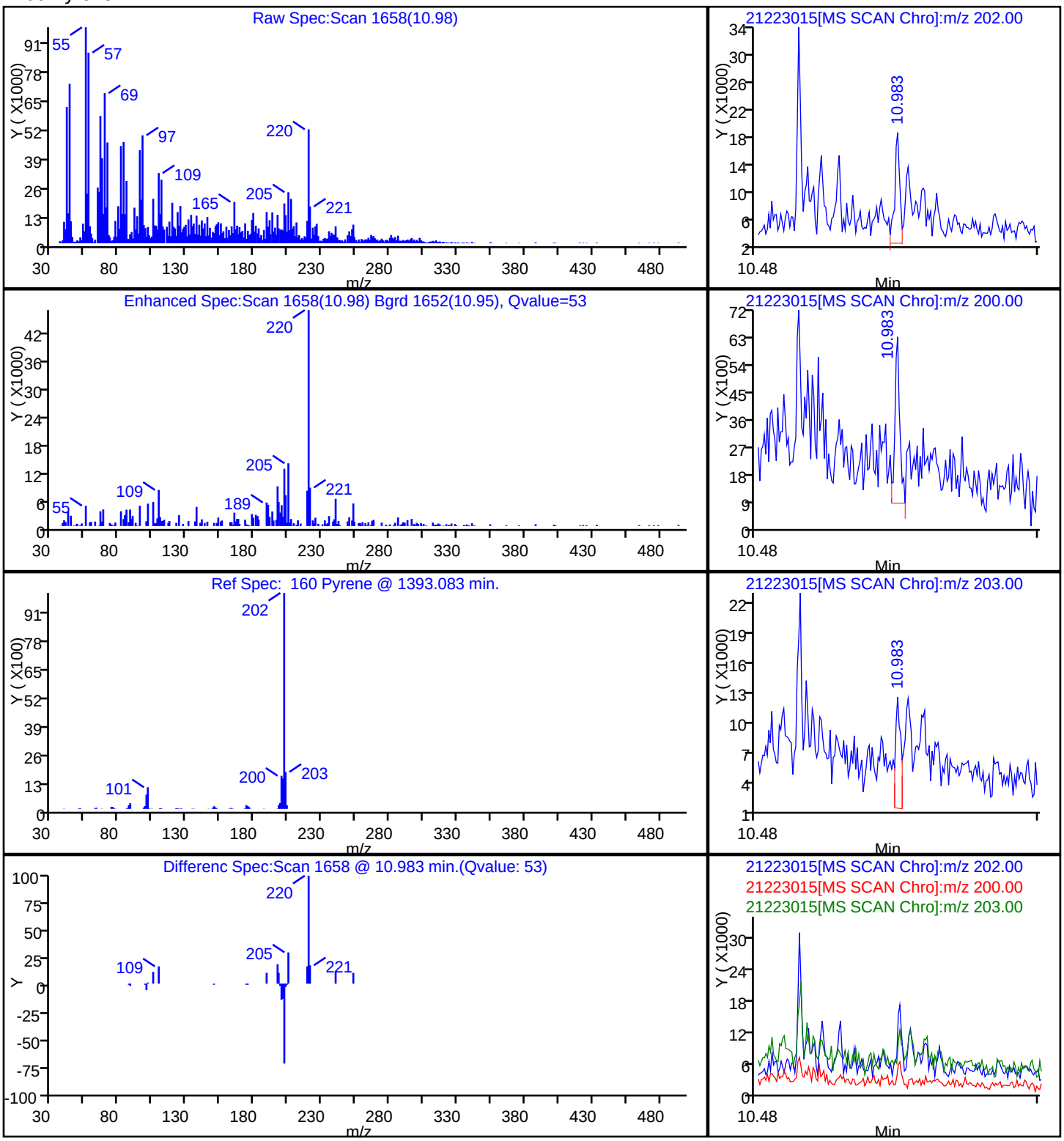


Report Date: 24-Dec-2012 12:29:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223015.D		
Injection Date:	23-Dec-2012 16:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0067-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0068-0001-SO | Lab Sample ID: 240-18544-6

Matrix: Solid | Lab File ID: 21224026.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:28

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.42(g) | Date Analyzed: 12/24/2012 18:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.6	U	7.3	3.6	3.6
208-96-8	Acenaphthylene	3.6	U	7.3	3.6	3.6
120-12-7	Anthracene	3.6	U	7.3	3.6	3.6
56-55-3	Benzo[a]anthracene	3.6	U	7.3	3.6	3.6
50-32-8	Benzo[a]pyrene	3.6	U	7.3	3.6	3.6
205-99-2	Benzo[b]fluoranthene	3.6	U	7.3	3.6	3.6
191-24-2	Benzo[g,h,i]perylene	3.6	U	7.3	3.6	3.6
65-85-0	Benzoic acid	360	U	720	360	360
207-08-9	Benzo[k]fluoranthene	3.6	U	7.3	3.6	3.6
100-51-6	Benzyl alcohol	29	U	360	29	23
111-91-1	Bis(2-chloroethoxy)methane	29	U	110	29	24
111-44-4	Bis(2-chloroethyl)ether	3.6	U	110	3.6	2.2
108-60-1	bis (2-chloroisopropyl) ether	29	U	110	29	10
117-81-7	Bis(2-ethylhexyl) phthalate	22	J B	55	29	21
101-55-3	4-Bromophenyl phenyl ether	29	U	55	29	14
85-68-7	Butyl benzyl phthalate	29	U	55	29	11
86-74-8	Carbazole	29	U	55	29	29
106-47-8	4-Chloroaniline	29	U	160	29	19
59-50-7	4-Chloro-3-methylphenol	29	U	160	29	23
91-58-7	2-Chloronaphthalene	3.6	U	55	3.6	3.6
95-57-8	2-Chlorophenol	29	U	55	29	29
7005-72-3	4-Chlorophenyl phenyl ether	29	U	55	29	14
218-01-9	Chrysene	3.6	U	7.3	3.6	1.2
53-70-3	Dibenz(a,h)anthracene	3.6	U	7.3	3.6	3.6
132-64-9	Dibenzofuran	3.6	U	55	3.6	3.6
95-50-1	1,2-Dichlorobenzene	29	U	55	29	11
541-73-1	1,3-Dichlorobenzene	29	U	55	29	12
106-46-7	1,4-Dichlorobenzene	29	U	55	29	22
91-94-1	3,3'-Dichlorobenzidine	87	U	110	87	20
120-83-2	2,4-Dichlorophenol	29	U	160	29	22
84-66-2	Diethyl phthalate	29	U	55	29	17
105-67-9	2,4-Dimethylphenol	87	U	160	87	22
131-11-3	Dimethyl phthalate	29	U	55	29	19
84-74-2	Di-n-butyl phthalate	29	U	55	29	16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0068-0001-SO | Lab Sample ID: 240-18544-6

Matrix: Solid | Lab File ID: 21224026.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:28

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.42(g) | Date Analyzed: 12/24/2012 18:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	87	U	160	87	87
51-28-5	2,4-Dinitrophenol	87	U	360	87	87
121-14-2	2,4-Dinitrotoluene	29	U	220	29	29
606-20-2	2,6-Dinitrotoluene	29	U	220	29	23
117-84-0	Di-n-octyl phthalate	29	U	55	29	29
206-44-0	Fluoranthene	3.6	U	7.3	3.6	3.6
86-73-7	Fluorene	3.6	U	7.3	3.6	3.6
118-74-1	Hexachlorobenzene	3.6	U	7.3	3.6	2.3
87-68-3	Hexachlorobutadiene	29	U	55	29	29
77-47-4	Hexachlorocyclopentadiene	29	U	360	29	29
67-72-1	Hexachloroethane	29	U	55	29	9.8
193-39-5	Indeno[1,2,3-cd]pyrene	3.6	U	7.3	3.6	3.6
78-59-1	Isophorone	29	U	55	29	14
91-57-6	2-Methylnaphthalene	3.6	U	7.3	3.6	3.6
95-48-7	2-Methylphenol	87	U	220	87	87
15831-10-4	3 & 4 Methylphenol	87	U	440	87	22
91-20-3	Naphthalene	3.6	U	7.3	3.6	3.6
88-74-4	2-Nitroaniline	29	U	220	29	9.9
99-09-2	3-Nitroaniline	87	U	220	87	17
100-01-6	4-Nitroaniline	29	U	220	29	28
98-95-3	Nitrobenzene	3.6	U	110	3.6	2.4
88-75-5	2-Nitrophenol	29	U	55	29	29
100-02-7	4-Nitrophenol	87	U	360	87	87
621-64-7	N-Nitrosodi-n-propylamine	29	U	55	29	29
86-30-6	N-Nitrosodiphenylamine	29	U	55	29	23
87-86-5	Pentachlorophenol	87	U	160	87	87
85-01-8	Phenanthrene	3.6	U	7.3	3.6	3.6
108-95-2	Phenol	29	U	55	29	29
129-00-0	Pyrene	3.6	U	7.3	3.6	3.6
120-82-1	1,2,4-Trichlorobenzene	29	U	55	29	29
95-95-4	2,4,5-Trichlorophenol	29	U	160	29	27
88-06-2	2,4,6-Trichlorophenol	87	U	160	87	87

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0068-0001-SO | Lab Sample ID: 240-18544-6

Matrix: Solid | Lab File ID: 21224026.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:28

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.42(g) | Date Analyzed: 12/24/2012 18:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	50		45-105
367-12-4	2-Fluorophenol (Surr)	66		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	49		35-100
4165-62-2	Phenol-d5 (Surr)	64		40-100
1718-51-0	Terphenyl-d14 (Surr)	57		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	45		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224026.D		
Lims ID:	240-18544-H-6-D	Client ID:	072SB-0068-0001-SO
Inject. Date:	24-Dec-2012 18:35:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016144-026		
Misc. Info.:	240-18544-H-6-D		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	26
Lims Batch ID:	69977	Lims Sample ID:	26
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m		
Last Update:	26-Dec-2012 13:04:10	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK017		

First Level Reviewer: gruberj Date: 26-Dec-2012 13:03:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.873	5.873	0.0	97	222585	4.00	
* 2 Naphthalene-d8	136	6.985	6.991	-0.006	100	894063	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	90	530690	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	842619	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	98	874493	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	92	739165	4.00	
$ 7 2-Fluorophenol	112	4.627	4.616	0.011	94	673737	9.87	
$ 8 Phenol-d5	99	5.520	5.515	0.005	90	868792	9.56	
$ 9 Nitrobenzene-d5	82	6.360	6.360	0.0	92	483352	4.91	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	100	945282	4.97	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	91	120704	6.76	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	99	1027194	5.74	
41 Phenol	94		5.531					9
44 Bis(2-chloroethyl)ether	93		5.627					9
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					9
48 1,4-Dichlorobenzene	146		5.889					9
49 Benzyl alcohol	108		5.985					9
50 1,2-Dichlorobenzene	146		6.028					
51 2-Methylphenol	108		6.076					9
52 2,2'-oxybis[1-chloropropane]	45		6.108					
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					9
60 Hexachloroethane	117		6.328					
61 Nitrobenzene	77		6.376					9
63 Isophorone	82		6.579					9
65 2-Nitrophenol	139		6.654					
64 2,4-Dimethylphenol	107		6.670					9
69 Benzoic acid	122		6.729					9
68 Bis(2-chloroethoxy)methane	93		6.756					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128		7.007					9
74 4-Chloroaniline	127		7.039					
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					
85 2-Methylnaphthalene	142		7.595					9
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					
98 2-Chloronaphthalene	162		8.013					
100 2-Nitroaniline	65		8.082					9
103 Dimethyl phthalate	163		8.221					9
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					9
108 3-Nitroaniline	138		8.424					9
110 Acenaphthene	153		8.510					
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					9
112 2,4-Dinitrotoluene	165		8.617					
114 Dibenzofuran	168		8.654					9
119 Diethyl phthalate	149		8.809					9
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					
124 Fluorene	166		8.943					9
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					
146 Phenanthrene	178		9.756					
147 Anthracene	178		9.799					
149 Carbazole	167		9.922					9
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202		10.762					9
160 Pyrene	202		10.965					9
166 Butyl benzyl phthalate	149		11.548					9
173 3,3'-Dichlorobenzidine	252		12.184					9
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	81	23670	0.2961	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					9
178 Di-n-octyl phthalate	149		13.099					
180 Benzo[b]fluoranthene	252		13.720					
181 Benzo[k]fluoranthene	252		13.757					
182 Benzo[a]pyrene	252		14.212					
186 Indeno[1,2,3-cd]pyrene	276		15.923					9
187 Dibenz(a,h)anthracene	278		15.950					9
188 Benzo[g,h,i]perylene	276		16.356					

QC Flag Legend

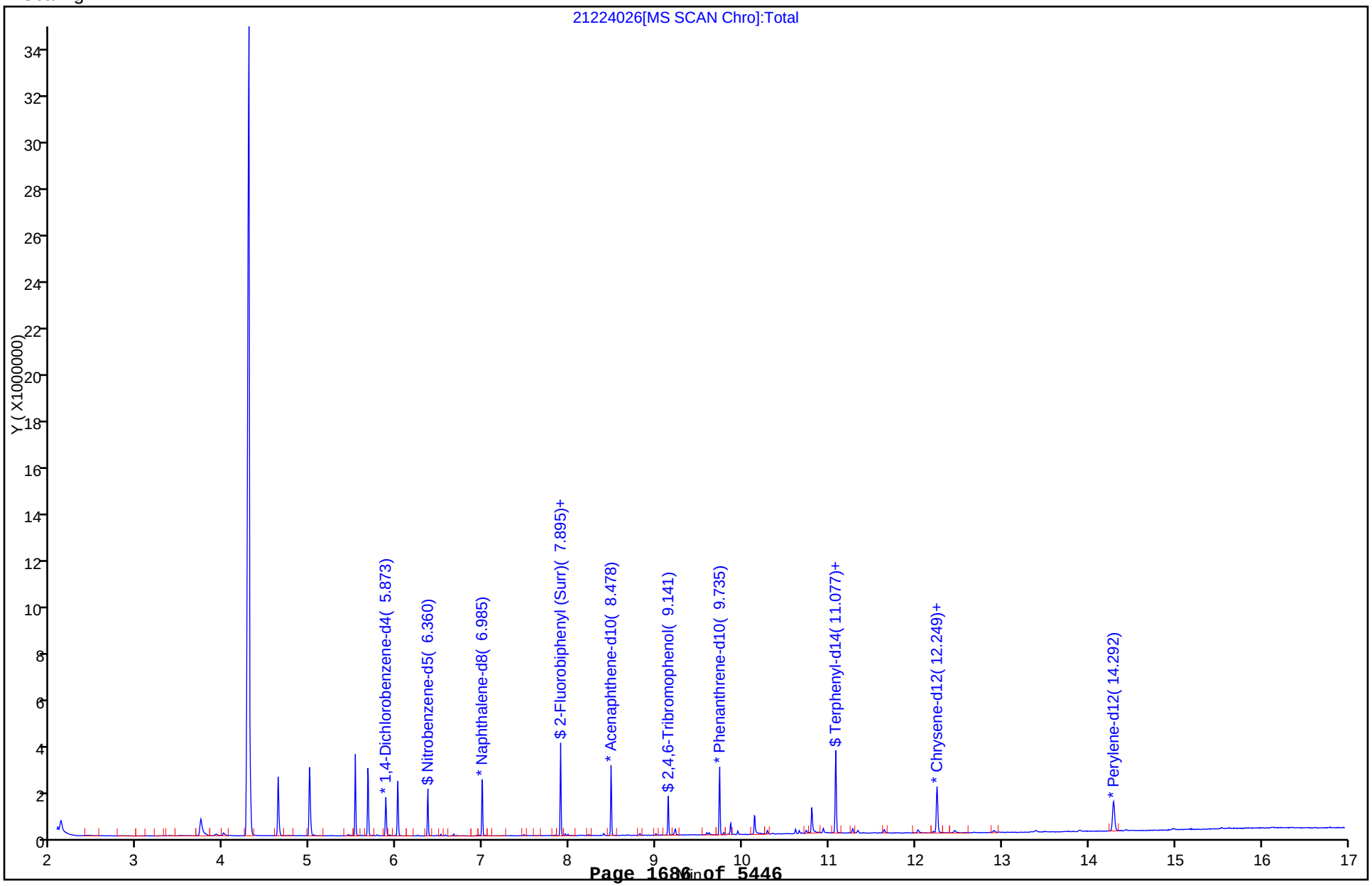
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9 - Failed A Reference Spectral Test

Report Date: 26-Dec-2012 13:04:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224026.D		
Injection Date:	24-Dec-2012 18:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0068-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	26
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



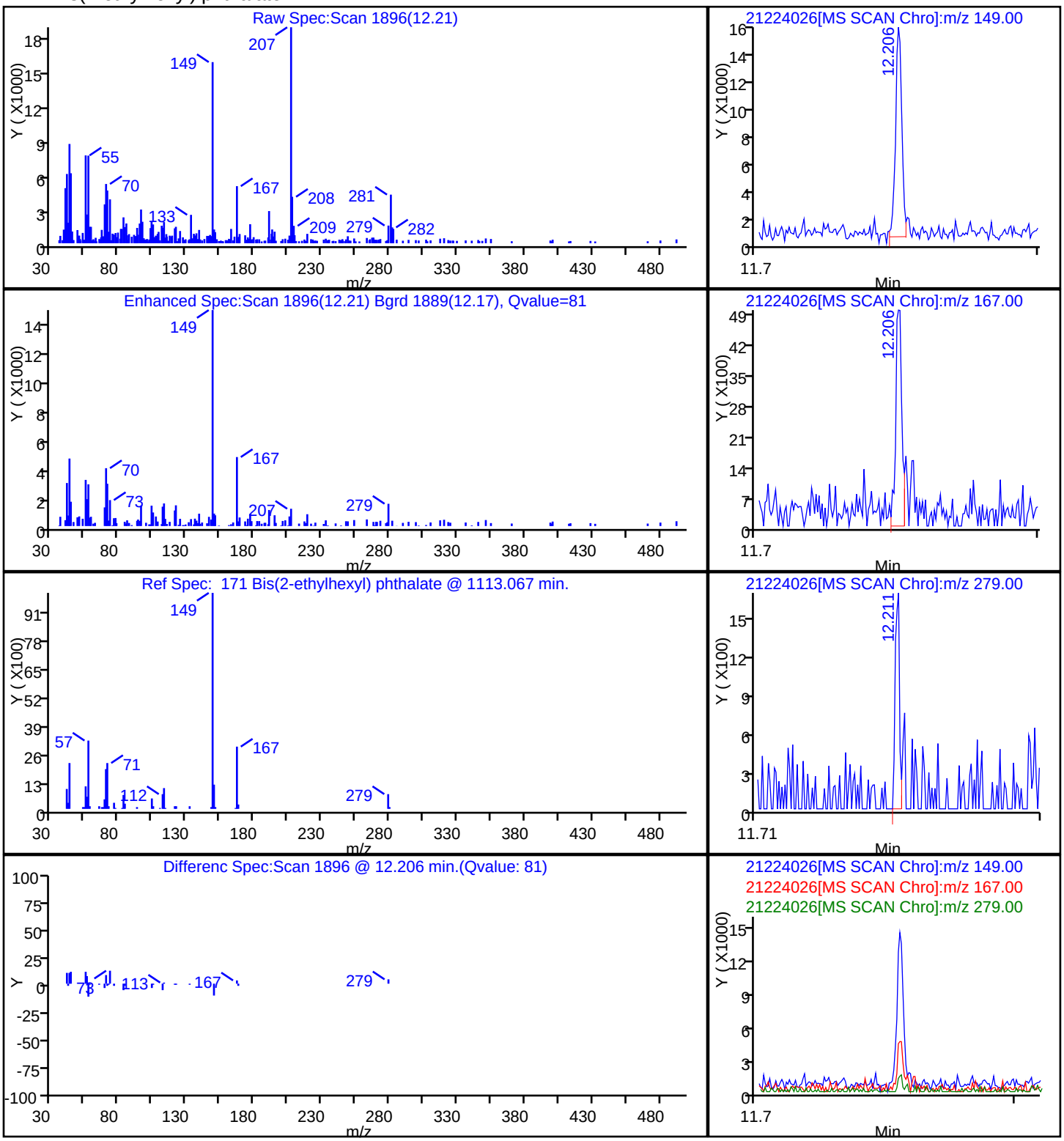
Report Date: 26-Dec-2012 13:04:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224026.D

Injection Date:	24-Dec-2012 18:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0068-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	26
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO | Lab Sample ID: 240-18544-7

Matrix: Solid | Lab File ID: 21223012.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.13(g) | Date Analyzed: 12/23/2012 15:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	3.3	U	6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	25	J B	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO | Lab Sample ID: 240-18544-7

Matrix: Solid | Lab File ID: 21223012.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.13(g) | Date Analyzed: 12/23/2012 15:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U J	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.6	3.3	3.3
86-73-7	Fluorene	3.3	U	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.6	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.6	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	J	6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U J	150	80	80
85-01-8	Phenanthrene	3.3	U	6.6	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO | Lab Sample ID: 240-18544-7

Matrix: Solid | Lab File ID: 21223012.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.13(g) | Date Analyzed: 12/23/2012 15:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	51		45-105
367-12-4	2-Fluorophenol (Surr)	64		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	51		35-100
4165-62-2	Phenol-d5 (Surr)	66		40-100
1718-51-0	Terphenyl-d14 (Surr)	60		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	64		35-125

Report Date: 24-Dec-2012 12:29:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223012.D
Lims ID: 240-18544-L-7-K Client ID: 076SB-0090M-0001-SO
Inject. Date: 23-Dec-2012 15:09:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016131-012
Misc. Info.: 240-18544-L-7-K
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 69932 Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj Date: 24-Dec-2012 11:20:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.896	5.886	0.010	97	249183	4.00	
* 2 Naphthalene-d8	136	7.004	6.998	0.006	100	972208	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	93	574335	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	99	939742	4.00	
* 5 Chrysene-d12	240	12.267	12.272	-0.005	98	943381	4.00	
* 6 Perylene-d12	264	14.320	14.320	0.0	96	755058	4.00	
$ 7 2-Fluorophenol	112	4.779	4.629	0.149	94	737650	9.65	
$ 8 Phenol-d5	99	5.554	5.522	0.032	90	1007304	9.90	
$ 9 Nitrobenzene-d5	82	6.378	6.367	0.011	91	542337	5.06	
$ 10 2-Fluorobiphenyl (Surr)	172	7.907	7.907	0.0	99	1045958	5.08	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	93	186679	9.67	
$ 12 Terphenyl-d14	244	11.095	11.095	0.0	99	1165177	6.04	
41 Phenol	94		5.538					
44 Bis(2-chloroethyl)ether	93		5.634					9
46 2-Chlorophenol	128		5.688					9
47 1,3-Dichlorobenzene	146		5.832					9
48 1,4-Dichlorobenzene	146		5.896					9
49 Benzyl alcohol	108		5.993					
50 1,2-Dichlorobenzene	146		6.035					9
51 2-Methylphenol	108		6.084					
52 2,2'-oxybis[1-chloropropane]	45		6.116					
191 3 & 4 Methylphenol	108		6.212					
56 N-Nitrosodi-n-propylamine	70		6.228					9
60 Hexachloroethane	117		6.335					9
61 Nitrobenzene	77		6.388					
63 Isophorone	82		6.592					
65 2-Nitrophenol	139		6.661					9
64 2,4-Dimethylphenol	107		6.677					
69 Benzoic acid	122		6.741					
68 Bis(2-chloroethoxy)methane	93		6.768					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.864					9
72 1,2,4-Trichlorobenzene	180		6.945					
73 Naphthalene	128	7.020	7.020	0.0	44	11871	0.0500	
74 4-Chloroaniline	127		7.052					9
77 Hexachlorobutadiene	225		7.116					
84 4-Chloro-3-methylphenol	107		7.442					
85 2-Methylnaphthalene	142		7.603					
88 Hexachlorocyclopentadiene	237		7.736					
90 2,4,6-Trichlorophenol	196		7.833					9
91 2,4,5-Trichlorophenol	196		7.865					9
98 2-Chloronaphthalene	162		8.020					
100 2-Nitroaniline	65		8.095					
103 Dimethyl phthalate	163		8.234					
105 2,6-Dinitrotoluene	165		8.287					9
107 Acenaphthylene	152		8.373					9
108 3-Nitroaniline	138		8.437					
110 Acenaphthene	153		8.517					
109 2,4-Dinitrophenol	184		8.523					
111 4-Nitrophenol	109		8.549					
112 2,4-Dinitrotoluene	165		8.630					9
114 Dibenzofuran	168		8.662					
119 Diethyl phthalate	149	8.822	8.822	0.0	90	25802	0.1567	
121 4-Chlorophenyl phenyl ether	204		8.940					
124 Fluorene	166		8.950					
123 4-Nitroaniline	138		8.950					9
126 4,6-Dinitro-2-methylphenol	198		8.972					
130 N-Nitrosodiphenylamine	169		9.031					
137 4-Bromophenyl phenyl ether	248		9.352					
139 Hexachlorobenzene	284		9.416					
141 Pentachlorophenol	266		9.571					9
146 Phenanthrene	178		9.769					9
147 Anthracene	178		9.812					
149 Carbazole	167		9.935					
151 Di-n-butyl phthalate	149	10.191	10.191	0.0	86	32749	0.1201	
157 Fluoranthene	202		10.769					9
160 Pyrene	202		10.978					
166 Butyl benzyl phthalate	149		11.566					
173 3,3'-Dichlorobenzidine	252		12.208					
171 Bis(2-ethylhexyl) phthalate	149	12.224	12.229	-0.005	93	37640	0.3718	
175 Benzo[a]anthracene	228		12.256					9
176 Chrysene	228		12.304					9
178 Di-n-octyl phthalate	149		13.128					
180 Benzo[b]fluoranthene	252		13.743					
181 Benzo[k]fluoranthene	252		13.786					9
182 Benzo[a]pyrene	252		14.240					
186 Indeno[1,2,3-cd]pyrene	276		15.963					9
187 Dibenz(a,h)anthracene	278		15.989					
188 Benzo[g,h,i]perylene	276		16.396					9

QC Flag Legend

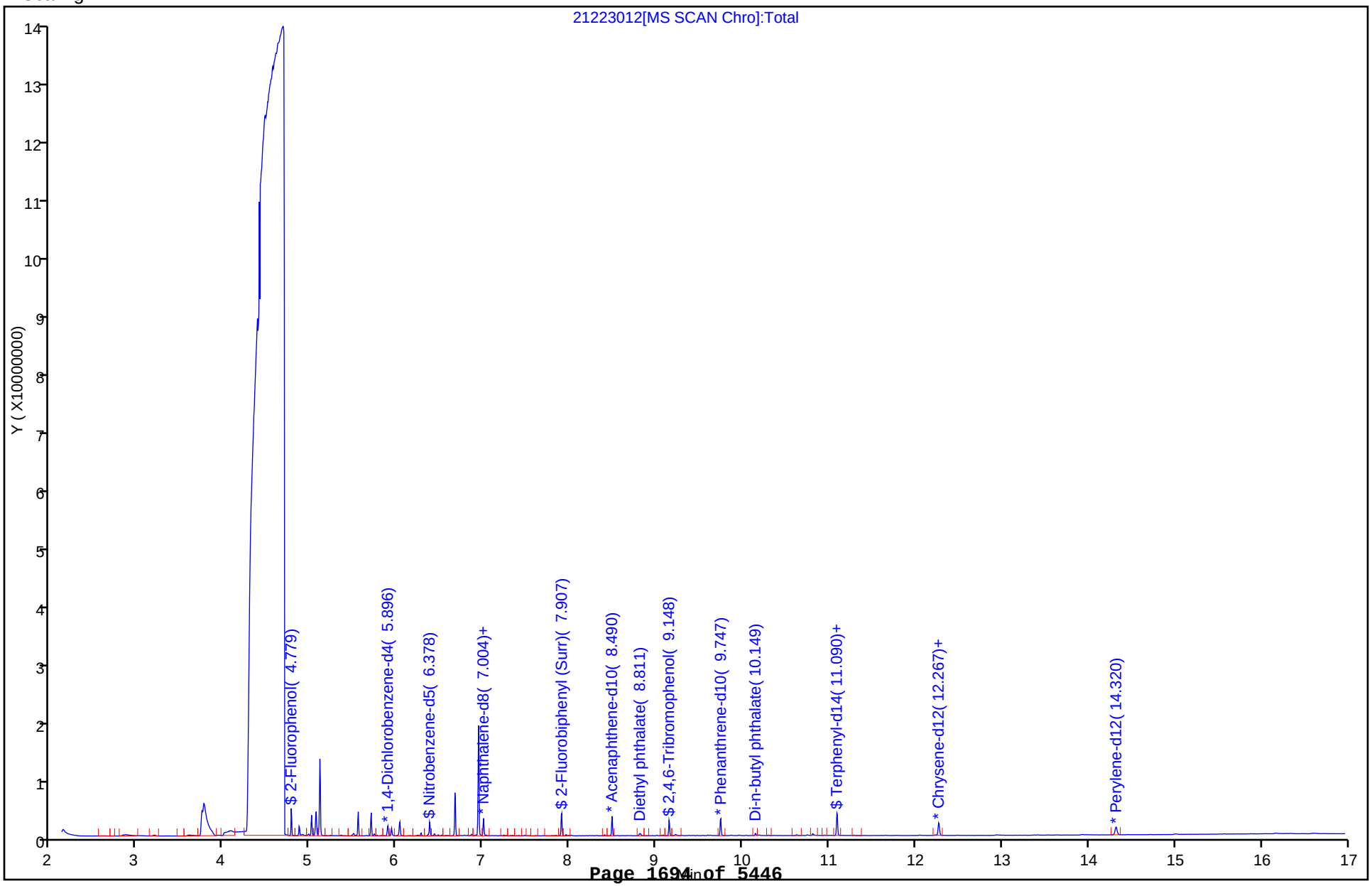
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9 - Failed A Reference Spectral Test

Report Date: 24-Dec-2012 12:29:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	23-Dec-2012 15:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0090M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

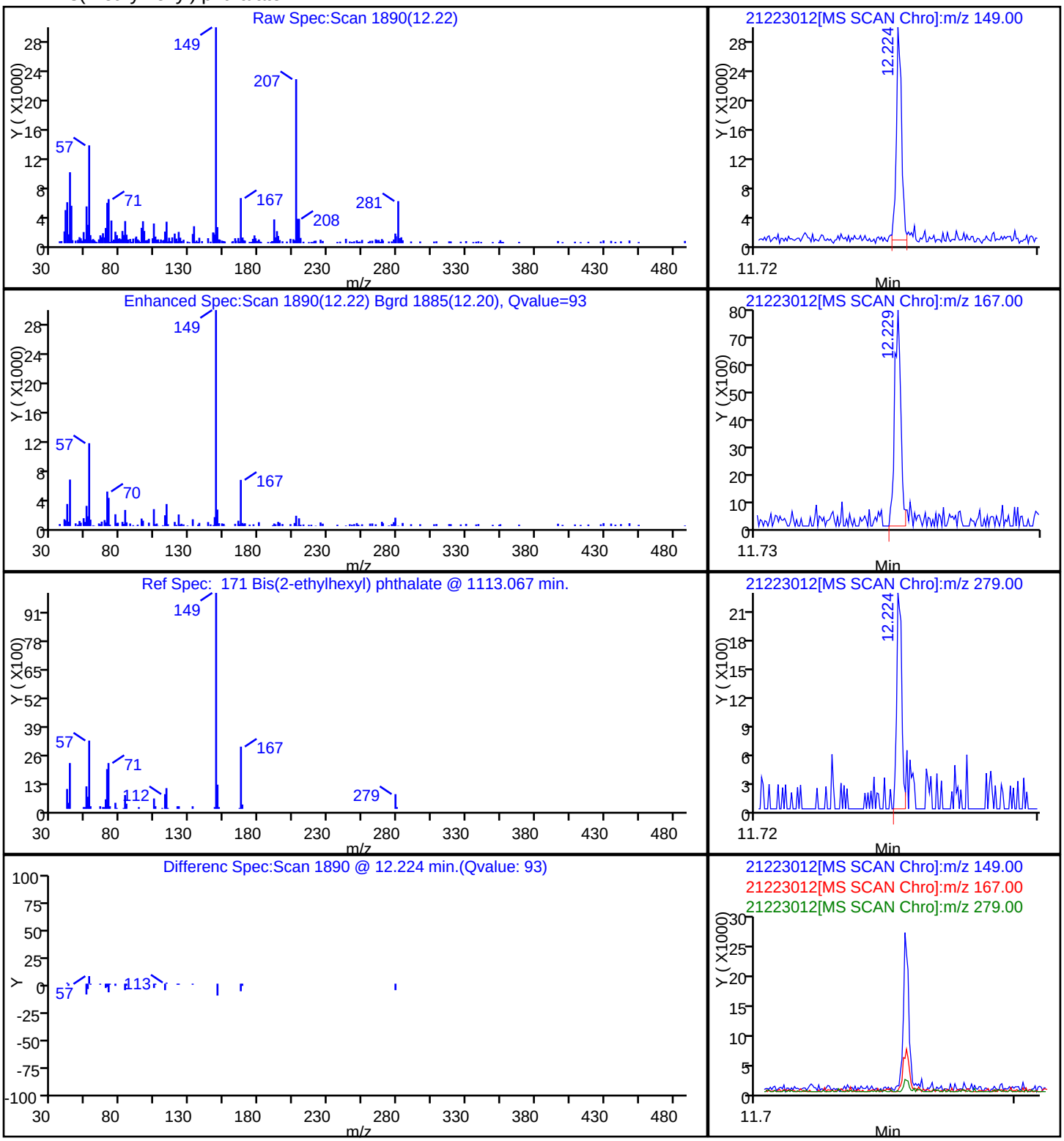


Report Date: 24-Dec-2012 12:29:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223012.D		
Injection Date:	23-Dec-2012 15:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0090M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



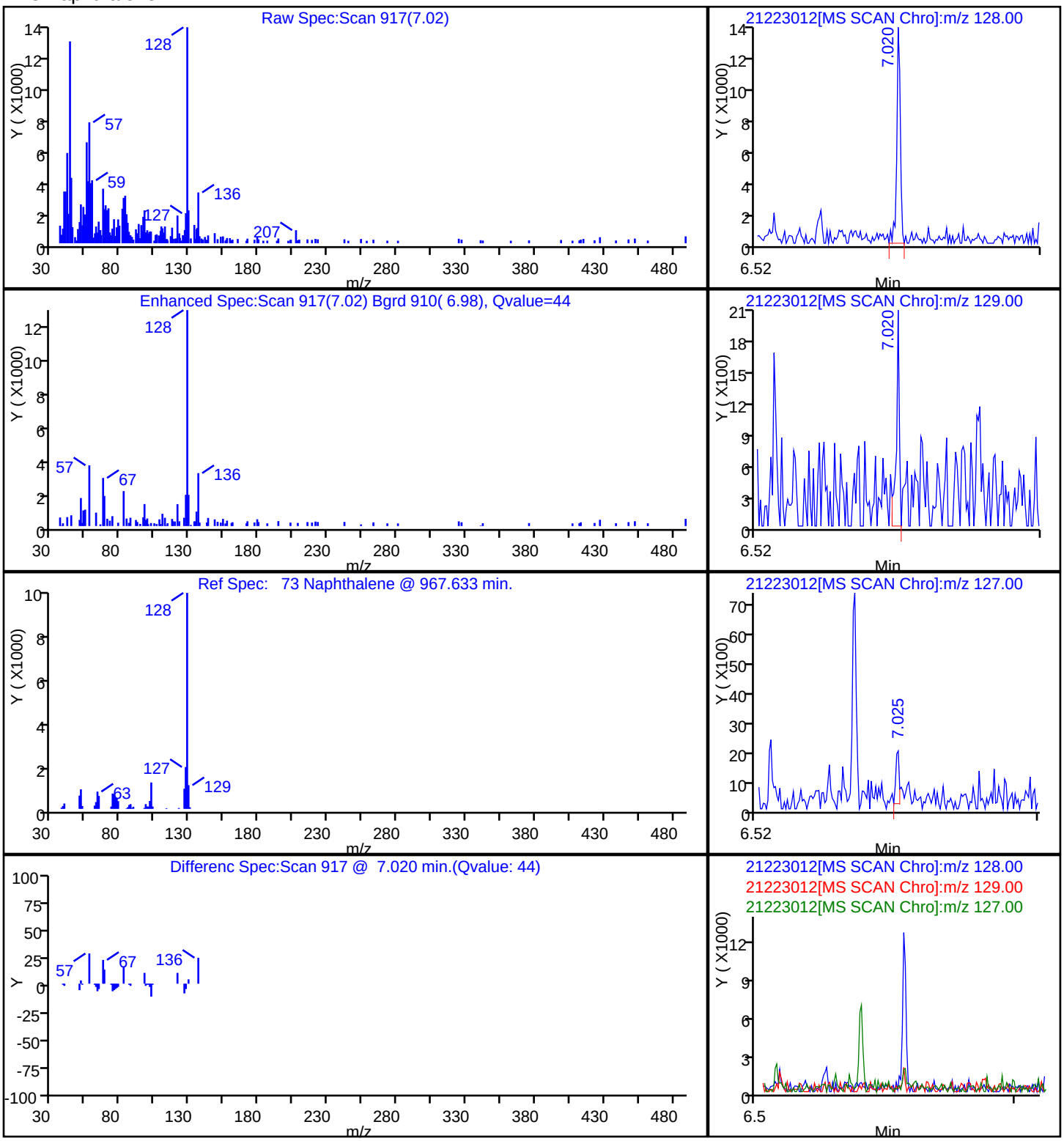
Report Date: 24-Dec-2012 12:29:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223012.D

Injection Date:	23-Dec-2012 15:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0090M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO | Lab Sample ID: 240-18544-8

Matrix: Solid | Lab File ID: 21223006.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.12(g) | Date Analyzed: 12/23/2012 12:49

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	3.3	U	6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	22	J B	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO | Lab Sample ID: 240-18544-8

Matrix: Solid | Lab File ID: 21223006.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.12(g) | Date Analyzed: 12/23/2012 12:49

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U J	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.6	3.3	3.3
86-73-7	Fluorene	3.3	U	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.6	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.6	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.6	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO | Lab Sample ID: 240-18544-8

Matrix: Solid | Lab File ID: 21223006.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.12(g) | Date Analyzed: 12/23/2012 12:49

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	56		45-105
367-12-4	2-Fluorophenol (Surr)	71		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	53		35-100
4165-62-2	Phenol-d5 (Surr)	70		40-100
1718-51-0	Terphenyl-d14 (Surr)	65		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	69		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223006.D		
Lims ID:	240-18544-M-8-K	Client ID:	076SB-0091M-0001-SO
Inject. Date:	23-Dec-2012 12:49:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016131-006		
Misc. Info.:	240-18544-M-8-K		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	69932	Lims Sample ID:	6
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m		
Last Update:	24-Dec-2012 12:29:22	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK011		

First Level Reviewer: gruberj Date: 23-Dec-2012 14:12:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.885	5.886	-0.001	97	244542	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	99	972690	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	92	574777	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	910843	4.00	
* 5 Chrysene-d12	240	12.272	12.272	0.0	98	921776	4.00	
* 6 Perylene-d12	264	14.320	14.320	0.0	96	716130	4.00	
$ 7 2-Fluorophenol	112	4.687	4.629	0.058	94	798135	10.6	
$ 8 Phenol-d5	99	5.538	5.522	0.016	91	1050974	10.5	
$ 9 Nitrobenzene-d5	82	6.372	6.367	0.005	92	562827	5.25	
$ 10 2-Fluorobiphenyl (Surr)	172	7.907	7.907	0.0	99	1150000	5.58	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	94	198821	10.3	
$ 12 Terphenyl-d14	244	11.095	11.095	0.0	99	1233747	6.54	
41 Phenol	94		5.538					9
44 Bis(2-chloroethyl)ether	93		5.634					9
46 2-Chlorophenol	128		5.688					9
47 1,3-Dichlorobenzene	146		5.832					9
48 1,4-Dichlorobenzene	146		5.896					9
49 Benzyl alcohol	108		5.993					
50 1,2-Dichlorobenzene	146		6.035					
51 2-Methylphenol	108		6.084					
52 2,2'-oxybis[1-chloropropane]	45		6.116					
191 3 & 4 Methylphenol	108		6.212					
56 N-Nitrosodi-n-propylamine	70		6.228					
60 Hexachloroethane	117		6.335					9
61 Nitrobenzene	77		6.388					
63 Isophorone	82		6.592					
65 2-Nitrophenol	139		6.661					9
64 2,4-Dimethylphenol	107		6.677					9
69 Benzoic acid	122		6.741					9
68 Bis(2-chloroethoxy)methane	93		6.768					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.864					
72 1,2,4-Trichlorobenzene	180		6.945					
73 Naphthalene	128		7.020					
74 4-Chloroaniline	127		7.052					9
77 Hexachlorobutadiene	225		7.116					
84 4-Chloro-3-methylphenol	107		7.442					9
85 2-Methylnaphthalene	142		7.603					
88 Hexachlorocyclopentadiene	237		7.736					
90 2,4,6-Trichlorophenol	196		7.833					
91 2,4,5-Trichlorophenol	196		7.865					
98 2-Chloronaphthalene	162		8.020					
100 2-Nitroaniline	65		8.095					
103 Dimethyl phthalate	163		8.234					
105 2,6-Dinitrotoluene	165		8.287					
107 Acenaphthylene	152		8.373					9
108 3-Nitroaniline	138		8.437					
110 Acenaphthene	153		8.517					9
109 2,4-Dinitrophenol	184		8.523					
111 4-Nitrophenol	109		8.549					
112 2,4-Dinitrotoluene	165		8.630					9
114 Dibenzofuran	168		8.662					
119 Diethyl phthalate	149	8.822	8.822	0.0	77	18233	0.1106	
121 4-Chlorophenyl phenyl ether	204		8.940					
124 Fluorene	166		8.950					
123 4-Nitroaniline	138		8.950					9
126 4,6-Dinitro-2-methylphenol	198		8.972					
130 N-Nitrosodiphenylamine	169		9.031					
137 4-Bromophenyl phenyl ether	248		9.352					
139 Hexachlorobenzene	284		9.416					
141 Pentachlorophenol	266		9.571					
146 Phenanthrene	178		9.769					9
147 Anthracene	178		9.812					
149 Carbazole	167		9.935					9
151 Di-n-butyl phthalate	149		10.191					
157 Fluoranthene	202		10.769					9
160 Pyrene	202		10.978					9
166 Butyl benzyl phthalate	149		11.566					9
173 3,3'-Dichlorobenzidine	252		12.208					9
171 Bis(2-ethylhexyl) phthalate	149	12.229	12.229	0.0	85	30652	0.3326	
175 Benzo[a]anthracene	228		12.256					9
176 Chrysene	228		12.304					9
178 Di-n-octyl phthalate	149		13.128					
180 Benzo[b]fluoranthene	252		13.743					9
181 Benzo[k]fluoranthene	252		13.786					
182 Benzo[a]pyrene	252		14.240					9
186 Indeno[1,2,3-cd]pyrene	276		15.963					9
187 Dibenz(a,h)anthracene	278		15.989					
188 Benzo[g,h,i]perylene	276		16.396					

QC Flag Legend

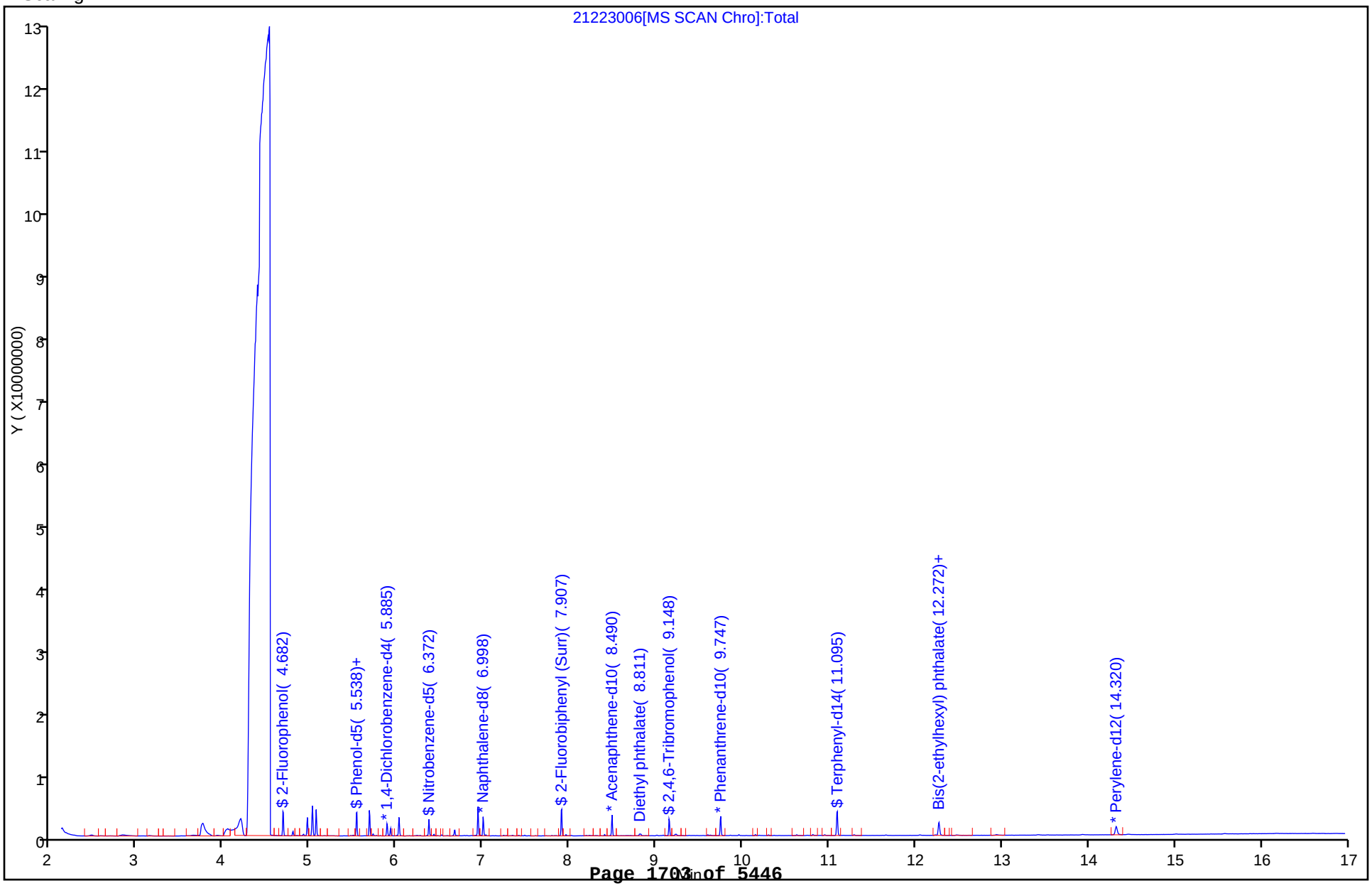
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 24-Dec-2012 12:29:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223006.D		
Injection Date:	23-Dec-2012 12:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0091M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

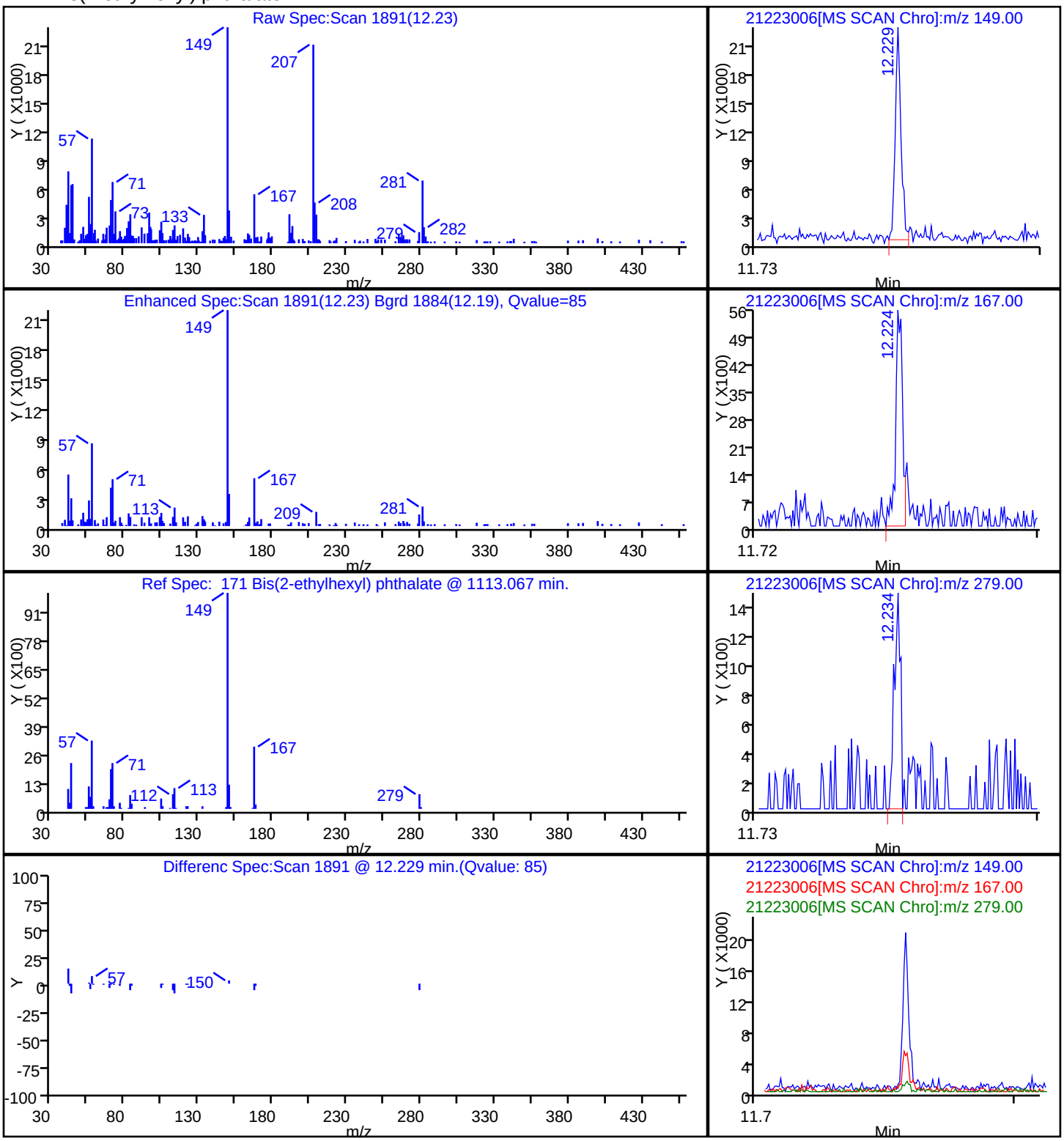


Report Date: 24-Dec-2012 12:29:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223006.D		
Injection Date:	23-Dec-2012 12:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0091M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0092-0001-SO | Lab Sample ID: 240-18544-10

Matrix: Solid | Lab File ID: 21223017.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 13:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.40(g) | Date Analyzed: 12/23/2012 17:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	3.3	U	6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	99	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	30	J B	49	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	49	27	13
85-68-7	Butyl benzyl phthalate	27	U	49	27	9.9
86-74-8	Carbazole	27	U	49	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	49	3.3	3.3
95-57-8	2-Chlorophenol	27	U	49	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	49	27	13
218-01-9	Chrysene	3.3	U	6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	49	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	49	27	9.6
541-73-1	1,3-Dichlorobenzene	27	U	49	27	11
106-46-7	1,4-Dichlorobenzene	27	U	49	27	20
91-94-1	3,3'-Dichlorobenzidine	79	U	99	79	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	49	27	16
105-67-9	2,4-Dimethylphenol	79	U	150	79	20
131-11-3	Dimethyl phthalate	27	U	49	27	17
84-74-2	Di-n-butyl phthalate	27	U	49	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0092-0001-SO | Lab Sample ID: 240-18544-10

Matrix: Solid | Lab File ID: 21223017.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 13:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.40(g) | Date Analyzed: 12/23/2012 17:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	79	U	150	79	79
51-28-5	2,4-Dinitrophenol	79	U	330	79	79
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	49	27	27
206-44-0	Fluoranthene	3.3	U	6.6	3.3	3.3
86-73-7	Fluorene	3.3	U	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	49	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	49	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.6	3.3	3.3
78-59-1	Isophorone	27	U	49	27	13
91-57-6	2-Methylnaphthalene	3.3	J	6.6	3.3	3.3
95-48-7	2-Methylphenol	79	U	200	79	79
15831-10-4	3 & 4 Methylphenol	79	U	390	79	20
91-20-3	Naphthalene	3.3	U	6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.0
99-09-2	3-Nitroaniline	79	U	200	79	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	99	3.3	2.2
88-75-5	2-Nitrophenol	27	U	49	27	27
100-02-7	4-Nitrophenol	79	U	330	79	79
621-64-7	N-Nitrosodi-n-propylamine	27	U	49	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	49	27	21
87-86-5	Pentachlorophenol	79	U	150	79	79
85-01-8	Phenanthrene	5.1	J	6.6	3.3	3.3
108-95-2	Phenol	27	U	49	27	27
129-00-0	Pyrene	3.3	U	6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	49	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	79	U	150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0092-0001-SO | Lab Sample ID: 240-18544-10

Matrix: Solid | Lab File ID: 21223017.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 13:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.40(g) | Date Analyzed: 12/23/2012 17:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	51		45-105
367-12-4	2-Fluorophenol (Surr)	66		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	48		35-100
4165-62-2	Phenol-d5 (Surr)	64		40-100
1718-51-0	Terphenyl-d14 (Surr)	65		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	74		35-125

Report Date: 24-Dec-2012 12:29:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223017.D		
Lims ID:	240-18544-E-10-D	Client ID:	076SB-0092-0001-SO
Inject. Date:	23-Dec-2012 17:06:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016131-017		
Misc. Info.:	240-18544-E-10-D		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	69932	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m		
Last Update:	24-Dec-2012 12:29:22	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK011		

First Level Reviewer: gruberj Date: 24-Dec-2012 11:23:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.886	5.886	0.0	97	243132	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	100	983011	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	93	581042	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	946673	4.00	
* 5 Chrysene-d12	240	12.267	12.272	-0.005	94	966997	4.00	
* 6 Perylene-d12	264	14.320	14.320	0.0	92	814707	4.00	
$ 7 2-Fluorophenol	112	4.655	4.629	0.026	94	732988	9.83	
$ 8 Phenol-d5	99	5.533	5.522	0.011	97	958703	9.65	
$ 9 Nitrobenzene-d5	82	6.367	6.367	0.0	94	520620	4.81	
$ 10 2-Fluorobiphenyl (Surr)	172	7.902	7.907	-0.005	99	1067459	5.13	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	93	217346	11.1	
$ 12 Terphenyl-d14	244	11.095	11.095	0.0	99	1289158	6.52	
41 Phenol	94		5.538					9
44 Bis(2-chloroethyl)ether	93		5.634					9
46 2-Chlorophenol	128		5.688					9
47 1,3-Dichlorobenzene	146		5.832					9
48 1,4-Dichlorobenzene	146		5.896					9
49 Benzyl alcohol	108		5.993					
50 1,2-Dichlorobenzene	146		6.035					9
51 2-Methylphenol	108		6.084					9
52 2,2'-oxybis[1-chloropropane]	45		6.116					9
191 3 & 4 Methylphenol	108		6.212					
56 N-Nitrosodi-n-propylamine	70		6.228					
60 Hexachloroethane	117		6.335					9
61 Nitrobenzene	77		6.388					
63 Isophorone	82		6.592					
65 2-Nitrophenol	139		6.661					9
64 2,4-Dimethylphenol	107		6.677					9
69 Benzoic acid	122		6.741					
68 Bis(2-chloroethoxy)methane	93		6.768					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.864					
72 1,2,4-Trichlorobenzene	180		6.945					
73 Naphthalene	128		7.020					9
74 4-Chloroaniline	127		7.052					9
77 Hexachlorobutadiene	225		7.116					
84 4-Chloro-3-methylphenol	107		7.442					9
85 2-Methylnaphthalene	142	7.603	7.603	0.0	70	7820	0.0496	
88 Hexachlorocyclopentadiene	237		7.736					
90 2,4,6-Trichlorophenol	196		7.833					
91 2,4,5-Trichlorophenol	196		7.865					
98 2-Chloronaphthalene	162		8.020					9
100 2-Nitroaniline	65		8.095					
103 Dimethyl phthalate	163		8.234					
105 2,6-Dinitrotoluene	165		8.287					
107 Acenaphthylene	152		8.373					9
108 3-Nitroaniline	138		8.437					9
110 Acenaphthene	153		8.517					9
109 2,4-Dinitrophenol	184		8.523					
111 4-Nitrophenol	109		8.549					
112 2,4-Dinitrotoluene	165		8.630					9
114 Dibenzofuran	168		8.662					
119 Diethyl phthalate	149	8.822	8.822	0.0	84	24692	0.1482	
121 4-Chlorophenyl phenyl ether	204		8.940					
124 Fluorene	166		8.950					
123 4-Nitroaniline	138		8.950					
126 4,6-Dinitro-2-methylphenol	198		8.972					
130 N-Nitrosodiphenylamine	169		9.031					
137 4-Bromophenyl phenyl ether	248		9.352					
139 Hexachlorobenzene	284		9.416					
141 Pentachlorophenol	266		9.571					
146 Phenanthrene	178	9.763	9.769	-0.006	52	19812	0.0780	
147 Anthracene	178		9.812					
149 Carbazole	167		9.935					
151 Di-n-butyl phthalate	149	10.191	10.191	0.0	89	34601	0.1259	
157 Fluoranthene	202		10.769					
160 Pyrene	202		10.978					
166 Butyl benzyl phthalate	149		11.566					9
173 3,3'-Dichlorobenzidine	252		12.208					
171 Bis(2-ethylhexyl) phthalate	149	12.224	12.229	-0.005	92	51620	0.4512	
175 Benzo[a]anthracene	228		12.256					
176 Chrysene	228		12.304					9
178 Di-n-octyl phthalate	149		13.128					
180 Benzo[b]fluoranthene	252		13.743					
181 Benzo[k]fluoranthene	252		13.786					
182 Benzo[a]pyrene	252		14.240					
186 Indeno[1,2,3-cd]pyrene	276		15.963					
187 Dibenz(a,h)anthracene	278		15.989					9
188 Benzo[g,h,i]perylene	276		16.396					

QC Flag Legend

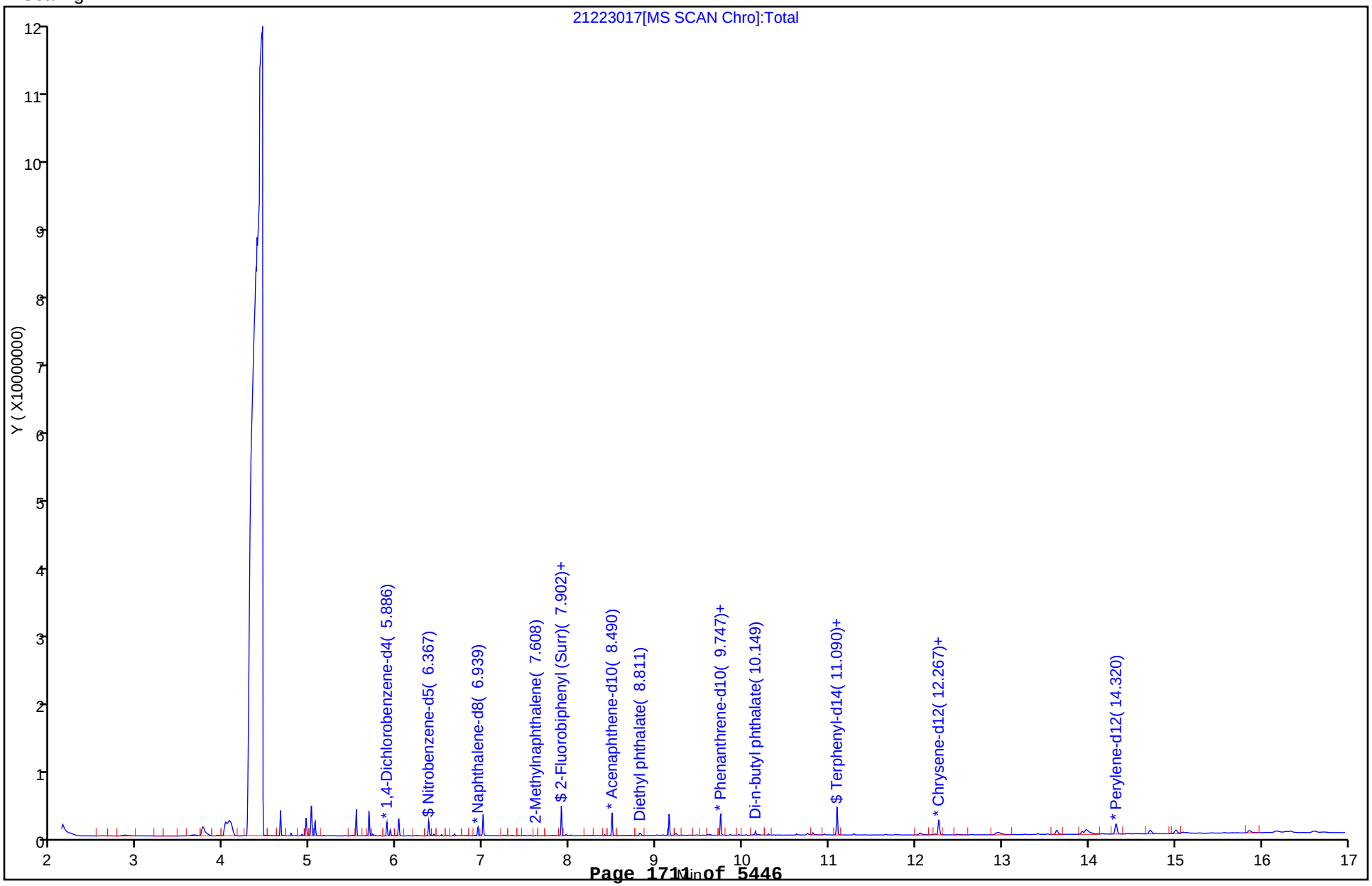
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 24-Dec-2012 12:29:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223017.D		
Injection Date:	23-Dec-2012 17:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0092-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



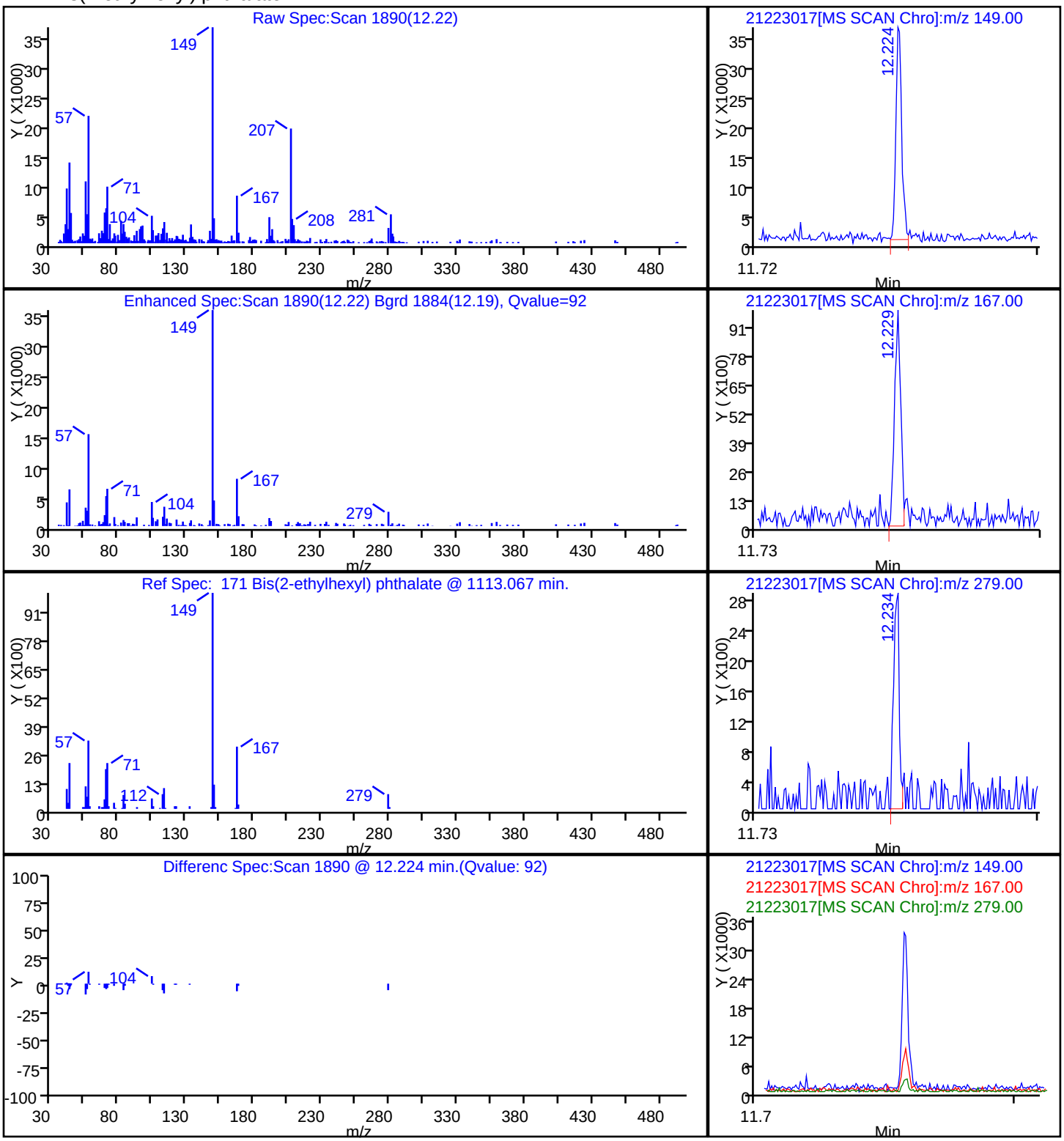
Report Date: 24-Dec-2012 12:29:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223017.D

Injection Date:	23-Dec-2012 17:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0092-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



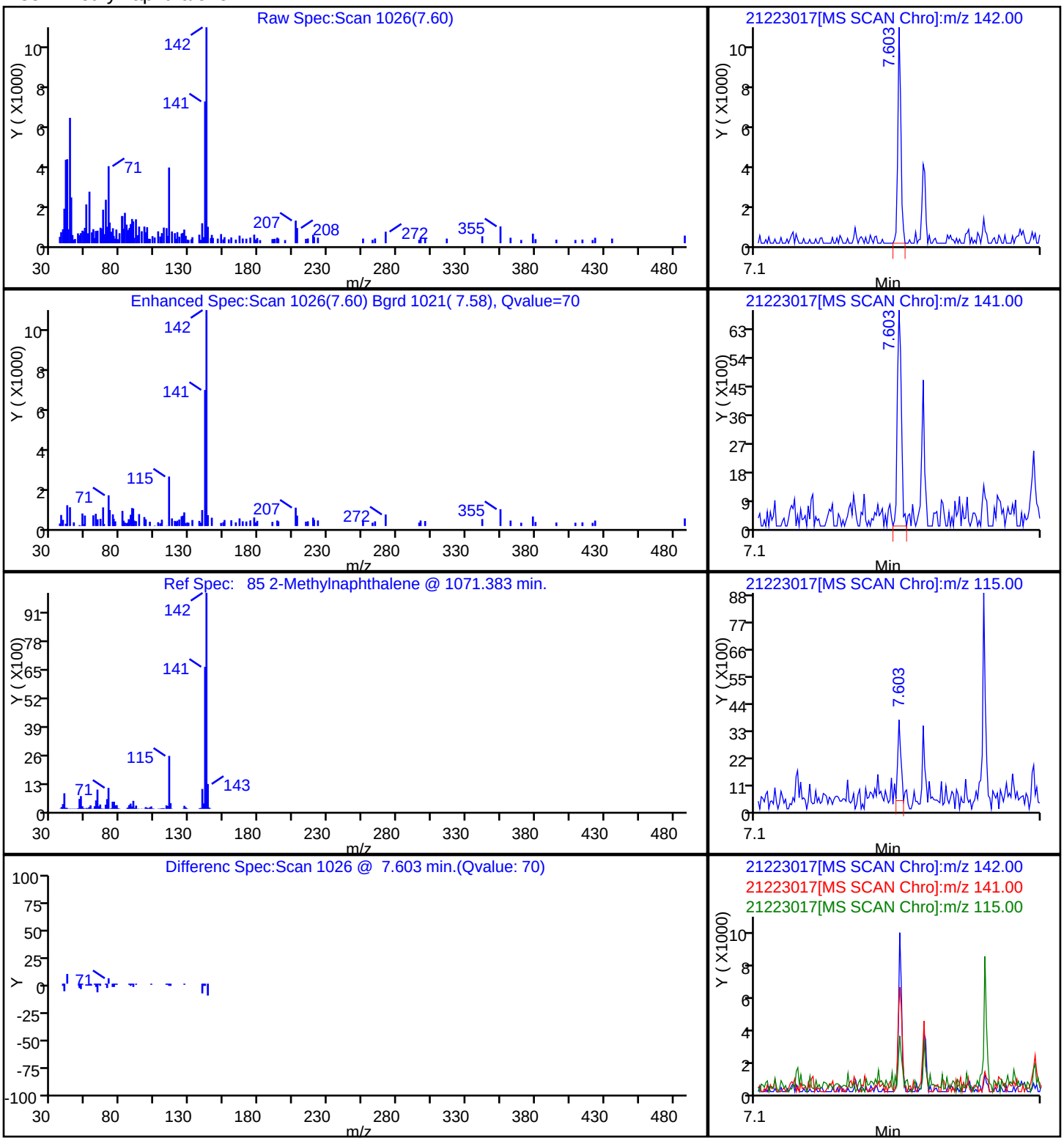
Report Date: 24-Dec-2012 12:29:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223017.D

Injection Date:	23-Dec-2012 17:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0092-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

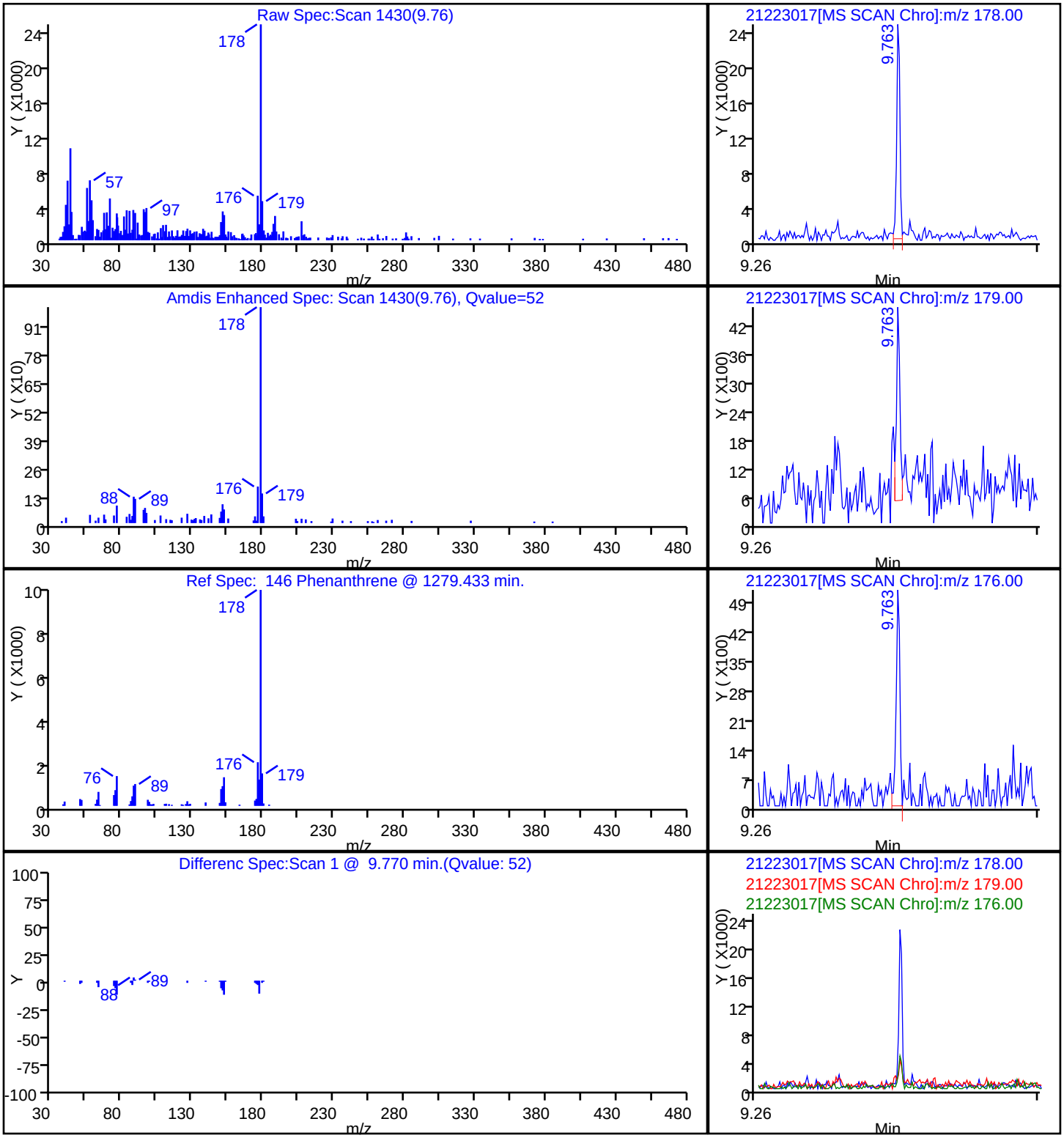


Report Date: 24-Dec-2012 12:29:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223017.D		
Injection Date:	23-Dec-2012 17:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0092-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0093-0001-SO | Lab Sample ID: 240-18544-11

Matrix: Solid | Lab File ID: 21223018.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 13:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.07(g) | Date Analyzed: 12/23/2012 17:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	34	J B	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0093-0001-SO | Lab Sample ID: 240-18544-11

Matrix: Solid | Lab File ID: 21223018.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 13:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.07(g) | Date Analyzed: 12/23/2012 17:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.5	J	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0093-0001-SO | Lab Sample ID: 240-18544-11

Matrix: Solid | Lab File ID: 21223018.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 13:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.07(g) | Date Analyzed: 12/23/2012 17:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	52		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	51		35-100
4165-62-2	Phenol-d5 (Surr)	64		40-100
1718-51-0	Terphenyl-d14 (Surr)	66		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	73		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223018.D		
Lims ID:	240-18544-E-11-G	Client ID:	076SB-0093-0001-SO
Inject. Date:	23-Dec-2012 17:30:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016131-018		
Misc. Info.:	240-18544-E-11-G		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	69932	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m		
Last Update:	24-Dec-2012 12:29:22	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK011		

First Level Reviewer: gruberj Date: 24-Dec-2012 11:24:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.886	5.886	0.0	96	248784	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	99	959837	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	93	568324	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	926056	4.00	
* 5 Chrysene-d12	240	12.266	12.272	-0.006	97	933652	4.00	
* 6 Perylene-d12	264	14.320	14.320	0.0	93	794575	4.00	
$ 7 2-Fluorophenol	112	4.671	4.629	0.042	94	747202	9.79	
$ 8 Phenol-d5	99	5.533	5.522	0.011	90	981918	9.66	
$ 9 Nitrobenzene-d5	82	6.372	6.367	0.005	92	540787	5.11	
$ 10 2-Fluorobiphenyl (Surr)	172	7.907	7.907	0.0	99	1057470	5.19	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	93	209111	10.9	
$ 12 Terphenyl-d14	244	11.090	11.095	-0.005	98	1268666	6.64	
41 Phenol	94		5.538					9
44 Bis(2-chloroethyl)ether	93		5.634					9
46 2-Chlorophenol	128		5.688					9
47 1,3-Dichlorobenzene	146		5.832					9
48 1,4-Dichlorobenzene	146		5.896					9
49 Benzyl alcohol	108		5.993					
50 1,2-Dichlorobenzene	146		6.035					9
51 2-Methylphenol	108		6.084					9
52 2,2'-oxybis[1-chloropropane]	45		6.116					
191 3 & 4 Methylphenol	108		6.212					
56 N-Nitrosodi-n-propylamine	70		6.228					
60 Hexachloroethane	117		6.335					9
61 Nitrobenzene	77		6.388					
63 Isophorone	82		6.592					
65 2-Nitrophenol	139		6.661					9
64 2,4-Dimethylphenol	107		6.677					9
69 Benzoic acid	122		6.741					9
68 Bis(2-chloroethoxy)methane	93		6.768					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.864					
72 1,2,4-Trichlorobenzene	180		6.945					
73 Naphthalene	128		7.020					9
74 4-Chloroaniline	127		7.052					9
77 Hexachlorobutadiene	225		7.116					
84 4-Chloro-3-methylphenol	107		7.442					9
85 2-Methylnaphthalene	142		7.603					9
88 Hexachlorocyclopentadiene	237		7.736					
90 2,4,6-Trichlorophenol	196		7.833					
91 2,4,5-Trichlorophenol	196		7.865					
98 2-Chloronaphthalene	162		8.020					
100 2-Nitroaniline	65		8.095					
103 Dimethyl phthalate	163		8.234					
105 2,6-Dinitrotoluene	165		8.287					
107 Acenaphthylene	152		8.373					9
108 3-Nitroaniline	138		8.437					
110 Acenaphthene	153		8.517					
109 2,4-Dinitrophenol	184		8.523					
111 4-Nitrophenol	109		8.549					
112 2,4-Dinitrotoluene	165		8.630					9
114 Dibenzofuran	168		8.662					9
119 Diethyl phthalate	149		8.822					
121 4-Chlorophenyl phenyl ether	204		8.940					
124 Fluorene	166		8.950					2
123 4-Nitroaniline	138		8.950					9
126 4,6-Dinitro-2-methylphenol	198		8.972					
130 N-Nitrosodiphenylamine	169		9.031					
137 4-Bromophenyl phenyl ether	248		9.352					
139 Hexachlorobenzene	284		9.416					
141 Pentachlorophenol	266		9.571					9
146 Phenanthrene	178	9.763	9.769	-0.006	56	13026	0.0524	
147 Anthracene	178		9.812					
149 Carbazole	167		9.935					
151 Di-n-butyl phthalate	149		10.191					
157 Fluoranthene	202		10.769					
160 Pyrene	202		10.978					
166 Butyl benzyl phthalate	149		11.566					
173 3,3'-Dichlorobenzidine	252		12.208					9
171 Bis(2-ethylhexyl) phthalate	149	12.224	12.229	-0.005	93	58808	0.5078	
175 Benzo[a]anthracene	228		12.256					9
176 Chrysene	228		12.304					9
178 Di-n-octyl phthalate	149		13.128					9
180 Benzo[b]fluoranthene	252		13.743					
181 Benzo[k]fluoranthene	252		13.786					
182 Benzo[a]pyrene	252		14.240					
186 Indeno[1,2,3-cd]pyrene	276		15.963					9
187 Dibenz(a,h)anthracene	278		15.989					9
188 Benzo[g,h,i]perylene	276		16.396					

QC Flag Legend

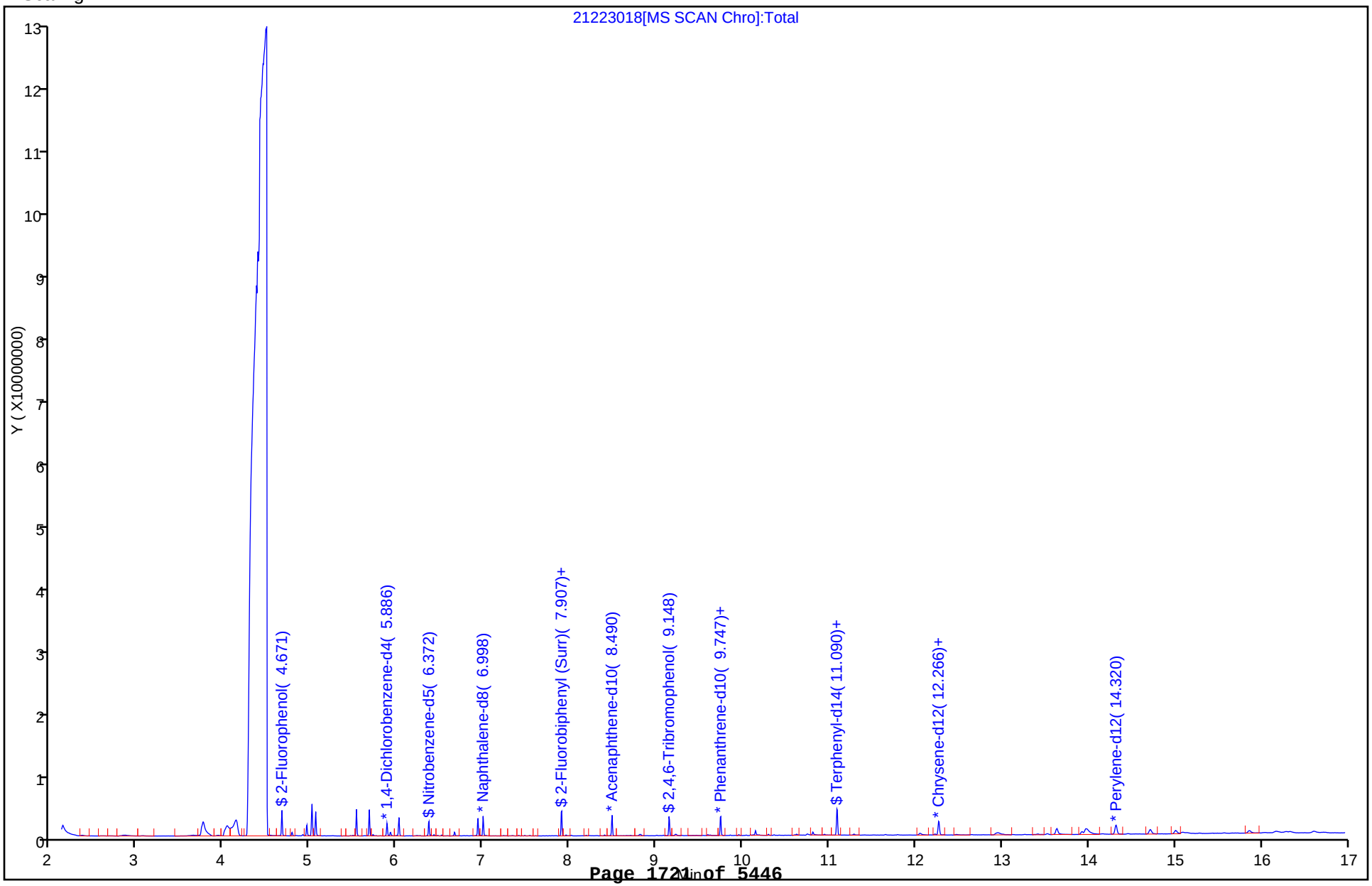
Processing Flags
2 - Failed Coelution Test
9 - Failed A Reference Spectral Test

Report Date: 24-Dec-2012 12:29:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223018.D		
Injection Date:	23-Dec-2012 17:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0093-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



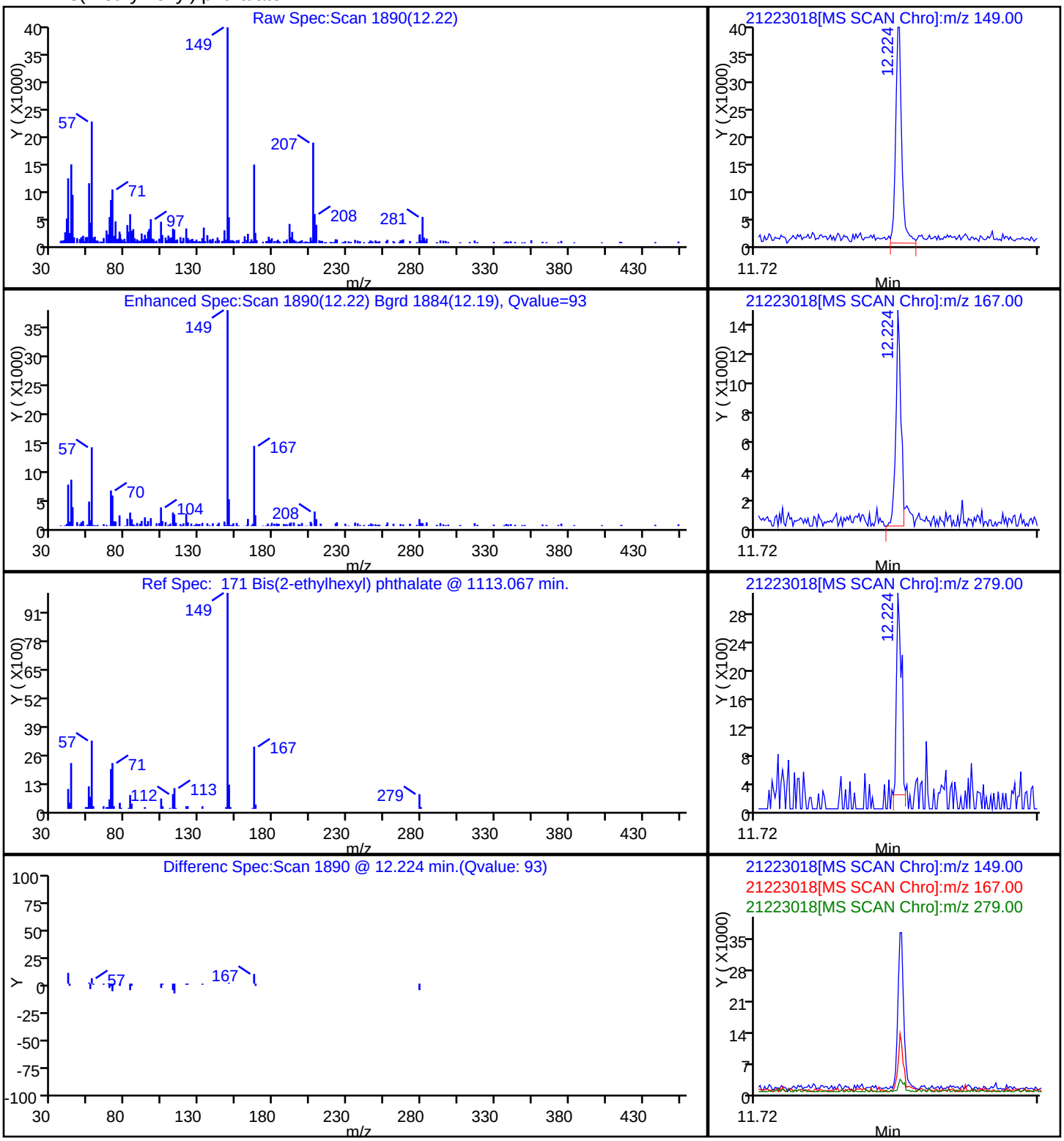
Report Date: 24-Dec-2012 12:29:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223018.D

Injection Date:	23-Dec-2012 17:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0093-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



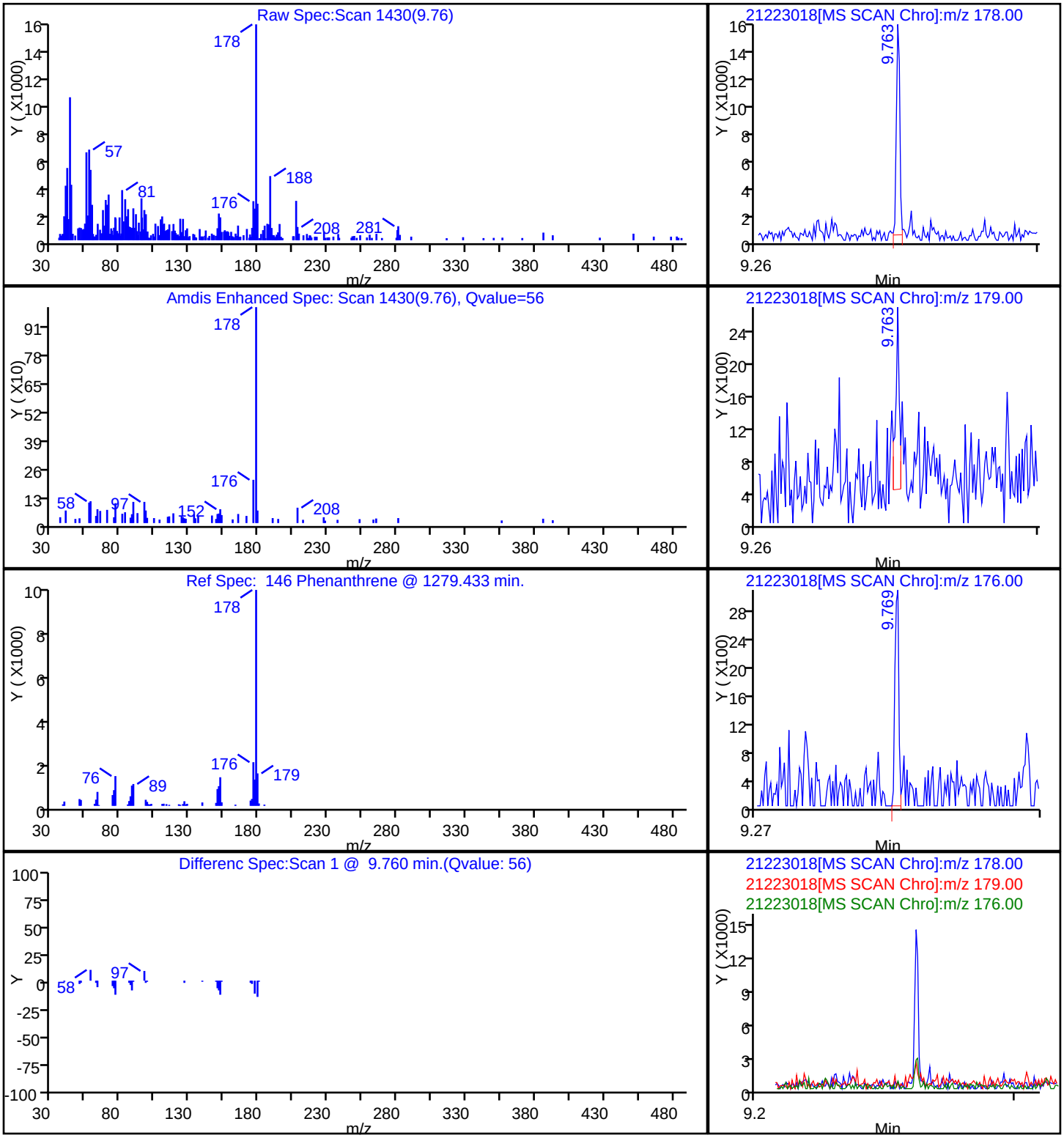
Report Date: 24-Dec-2012 12:29:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223018.D

Injection Date:	23-Dec-2012 17:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0093-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0094-0001-SO | Lab Sample ID: 240-18544-12

Matrix: Solid | Lab File ID: 21223019.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 13:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.29(g) | Date Analyzed: 12/23/2012 17:53

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	3.3	U	6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	99	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	27	J B	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	9.9
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.6
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	79	U	99	79	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	79	U	150	79	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0094-0001-SO | Lab Sample ID: 240-18544-12

Matrix: Solid | Lab File ID: 21223019.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 13:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.29(g) | Date Analyzed: 12/23/2012 17:53

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	79	U	150	79	79
51-28-5	2,4-Dinitrophenol	79	U	330	79	79
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.6	3.3	3.3
86-73-7	Fluorene	3.3	U	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.6	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.6	3.3	3.3
95-48-7	2-Methylphenol	79	U	200	79	79
15831-10-4	3 & 4 Methylphenol	79	U	400	79	20
91-20-3	Naphthalene	3.3	U	6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.0
99-09-2	3-Nitroaniline	79	U	200	79	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	99	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	79	U	330	79	79
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	79	U	150	79	79
85-01-8	Phenanthrene	3.3	U	6.6	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	79	U	150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0094-0001-SO | Lab Sample ID: 240-18544-12

Matrix: Solid | Lab File ID: 21223019.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 13:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.29(g) | Date Analyzed: 12/23/2012 17:53

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	52		45-105
367-12-4	2-Fluorophenol (Surr)	69		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	52		35-100
4165-62-2	Phenol-d5 (Surr)	67		40-100
1718-51-0	Terphenyl-d14 (Surr)	59		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	67		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223019.D		
Lims ID:	240-18544-E-12-D	Client ID:	076SB-0094-0001-SO
Inject. Date:	23-Dec-2012 17:53:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016131-019		
Misc. Info.:	240-18544-E-12-D		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	69932	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m		
Last Update:	24-Dec-2012 12:29:22	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK011		
First Level Reviewer: gruberj		Date:	24-Dec-2012 11:24:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.886	5.886	0.0	98	242500	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	99	976932	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	93	578076	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	99	932441	4.00	
* 5 Chrysene-d12	240	12.267	12.272	-0.005	93	955894	4.00	
* 6 Perylene-d12	264	14.320	14.320	0.0	97	787463	4.00	
$ 7 2-Fluorophenol	112	4.661	4.629	0.032	94	773931	10.4	
$ 8 Phenol-d5	99	5.533	5.522	0.011	96	991965	10.0	
$ 9 Nitrobenzene-d5	82	6.367	6.367	0.0	94	557940	5.18	
$ 10 2-Fluorobiphenyl (Surr)	172	7.907	7.907	0.0	100	1070311	5.17	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	93	195745	10.1	
$ 12 Terphenyl-d14	244	11.090	11.095	-0.005	98	1146951	5.86	
41 Phenol	94		5.538					9
44 Bis(2-chloroethyl)ether	93		5.634					
46 2-Chlorophenol	128		5.688					
47 1,3-Dichlorobenzene	146		5.832					9
48 1,4-Dichlorobenzene	146		5.896					9
49 Benzyl alcohol	108		5.993					
50 1,2-Dichlorobenzene	146		6.035					
51 2-Methylphenol	108		6.084					
52 2,2'-oxybis[1-chloropropane]	45		6.116					9
191 3 & 4 Methylphenol	108		6.212					
56 N-Nitrosodi-n-propylamine	70		6.228					9
60 Hexachloroethane	117		6.335					9
61 Nitrobenzene	77		6.388					
63 Isophorone	82		6.592					
65 2-Nitrophenol	139		6.661					9
64 2,4-Dimethylphenol	107		6.677					9
69 Benzoic acid	122		6.741					9
68 Bis(2-chloroethoxy)methane	93		6.768					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.864					
72 1,2,4-Trichlorobenzene	180		6.945					
73 Naphthalene	128		7.020					9
74 4-Chloroaniline	127		7.052					9
77 Hexachlorobutadiene	225		7.116					
84 4-Chloro-3-methylphenol	107		7.442					9
85 2-Methylnaphthalene	142		7.603					
88 Hexachlorocyclopentadiene	237		7.736					
90 2,4,6-Trichlorophenol	196		7.833					
91 2,4,5-Trichlorophenol	196		7.865					
98 2-Chloronaphthalene	162		8.020					9
100 2-Nitroaniline	65		8.095					
103 Dimethyl phthalate	163		8.234					
105 2,6-Dinitrotoluene	165		8.287					
107 Acenaphthylene	152		8.373					
108 3-Nitroaniline	138		8.437					
110 Acenaphthene	153		8.517					
109 2,4-Dinitrophenol	184		8.523					
111 4-Nitrophenol	109		8.549					9
112 2,4-Dinitrotoluene	165		8.630					9
114 Dibenzofuran	168		8.662					9
119 Diethyl phthalate	149	8.822	8.822	0.0	87	18251	0.1101	
121 4-Chlorophenyl phenyl ether	204		8.940					
124 Fluorene	166		8.950					
123 4-Nitroaniline	138		8.950					9
126 4,6-Dinitro-2-methylphenol	198		8.972					
130 N-Nitrosodiphenylamine	169		9.031					
137 4-Bromophenyl phenyl ether	248		9.352					
139 Hexachlorobenzene	284		9.416					
141 Pentachlorophenol	266		9.571					
146 Phenanthrene	178		9.769					9
147 Anthracene	178		9.812					
149 Carbazole	167		9.935					9
151 Di-n-butyl phthalate	149		10.191					
157 Fluoranthene	202		10.769					9
160 Pyrene	202		10.978					
166 Butyl benzyl phthalate	149		11.566					
173 3,3'-Dichlorobenzidine	252		12.208					9
171 Bis(2-ethylhexyl) phthalate	149	12.224	12.229	-0.005	93	43905	0.4073	
175 Benzo[a]anthracene	228		12.256					9
176 Chrysene	228		12.304					9
178 Di-n-octyl phthalate	149		13.128					
180 Benzo[b]fluoranthene	252		13.743					
181 Benzo[k]fluoranthene	252		13.786					
182 Benzo[a]pyrene	252		14.240					
186 Indeno[1,2,3-cd]pyrene	276		15.963					9
187 Dibenz(a,h)anthracene	278		15.989					9
188 Benzo[g,h,i]perylene	276		16.396					9

QC Flag Legend

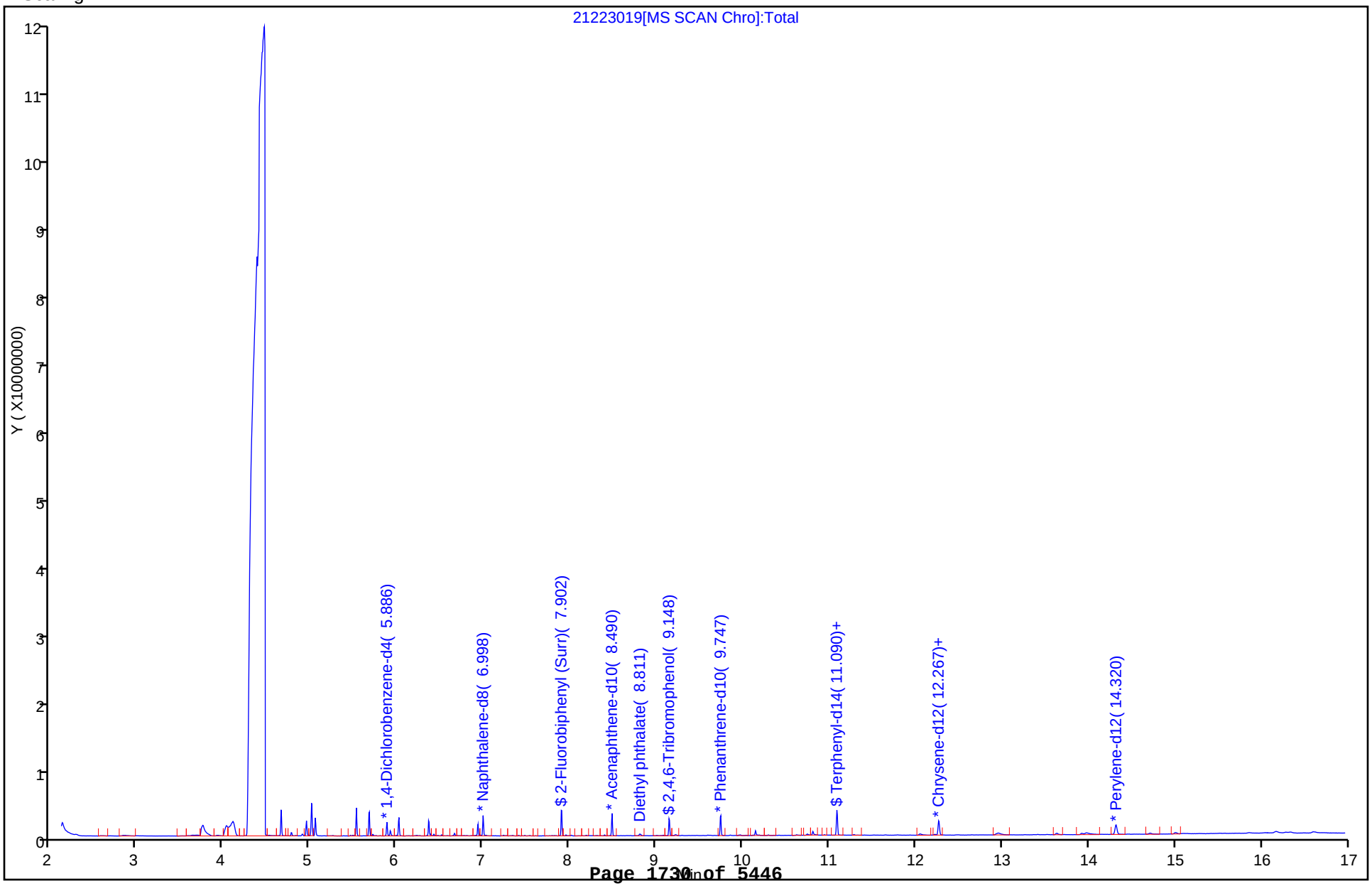
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 24-Dec-2012 12:29:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223019.D		
Injection Date:	23-Dec-2012 17:53:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0094-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



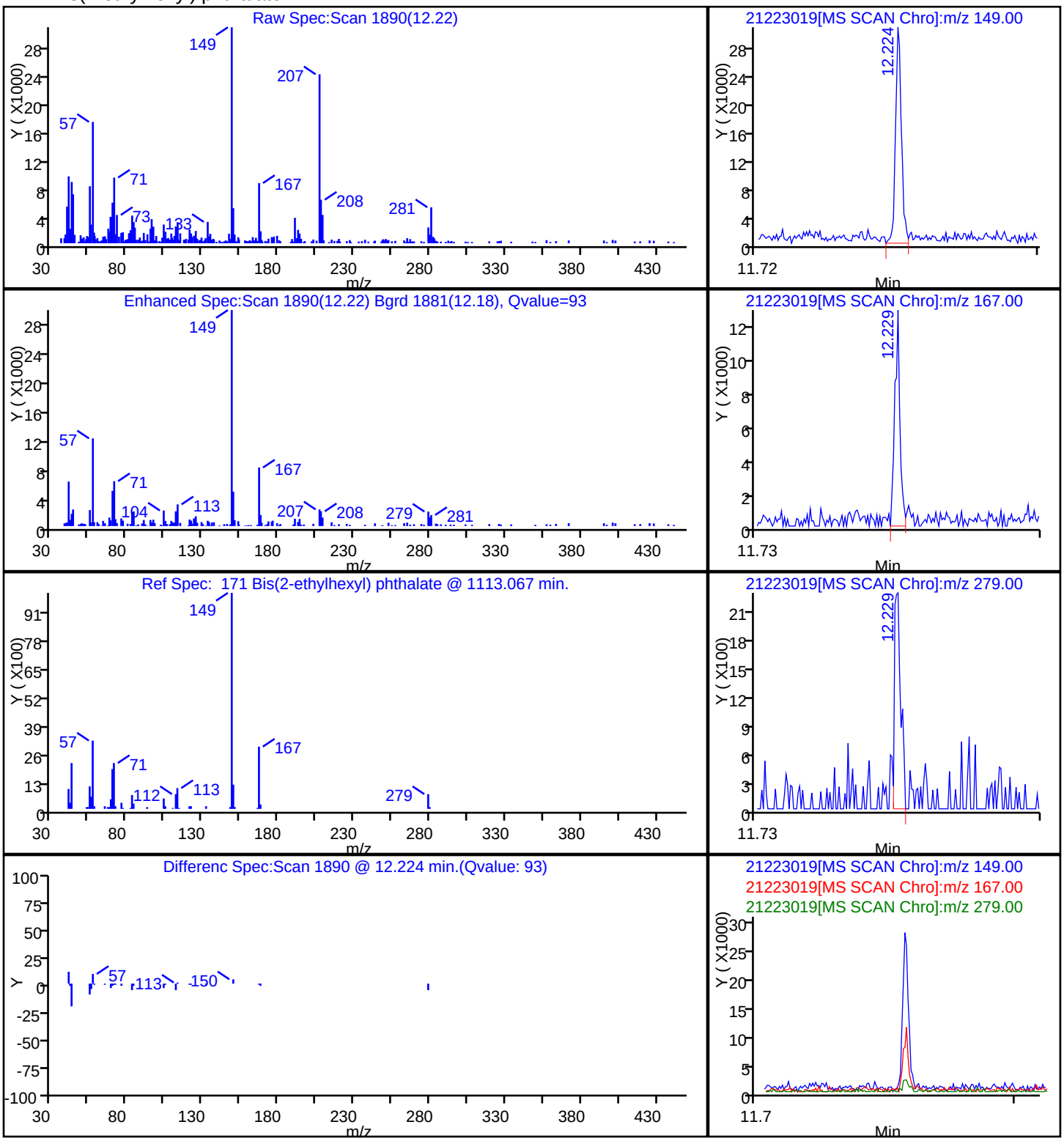
Report Date: 24-Dec-2012 12:29:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223019.D

Injection Date:	23-Dec-2012 17:53:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0094-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0095-0001-SO | Lab Sample ID: 240-18544-13

Matrix: Solid | Lab File ID: 21223020.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 13:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.97(g) | Date Analyzed: 12/23/2012 18:16

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	33	J B	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0095-0001-SO | Lab Sample ID: 240-18544-13

Matrix: Solid | Lab File ID: 21223020.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 13:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.97(g) | Date Analyzed: 12/23/2012 18:16

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.6	J	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0095-0001-SO | Lab Sample ID: 240-18544-13

Matrix: Solid | Lab File ID: 21223020.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 13:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.97(g) | Date Analyzed: 12/23/2012 18:16

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	53		45-105
367-12-4	2-Fluorophenol (Surr)	68		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	52		35-100
4165-62-2	Phenol-d5 (Surr)	68		40-100
1718-51-0	Terphenyl-d14 (Surr)	60		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	68		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223020.D		
Lims ID:	240-18544-E-13-D	Client ID:	076SB-0095-0001-SO
Inject. Date:	23-Dec-2012 18:16:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016131-020		
Misc. Info.:	240-18544-E-13-D		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	69932	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m		
Last Update:	24-Dec-2012 12:29:22	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK011		

First Level Reviewer: gruberj Date: 24-Dec-2012 11:25:06

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.886	5.886	0.0	96	240460	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	99	952652	4.00	
* 3 Acenaphthene-d10	164	8.491	8.490	0.001	93	567953	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	920363	4.00	
* 5 Chrysene-d12	240	12.267	12.272	-0.005	94	919159	4.00	
* 6 Perylene-d12	264	14.315	14.320	-0.005	96	772682	4.00	
$ 7 2-Fluorophenol	112	4.672	4.629	0.043	94	755216	10.2	
$ 8 Phenol-d5	99	5.533	5.522	0.011	91	1000381	10.2	
$ 9 Nitrobenzene-d5	82	6.372	6.367	0.005	92	543339	5.18	
$ 10 2-Fluorobiphenyl (Surr)	172	7.908	7.907	0.001	99	1073938	5.28	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	93	195828	10.3	
$ 12 Terphenyl-d14	244	11.090	11.095	-0.005	99	1134871	6.03	
41 Phenol	94		5.538					9
44 Bis(2-chloroethyl)ether	93		5.634					
46 2-Chlorophenol	128		5.688					9
47 1,3-Dichlorobenzene	146		5.832					9
48 1,4-Dichlorobenzene	146		5.896					9
49 Benzyl alcohol	108		5.993					
50 1,2-Dichlorobenzene	146		6.035					
51 2-Methylphenol	108		6.084					9
52 2,2'-oxybis[1-chloropropane]	45		6.116					
191 3 & 4 Methylphenol	108		6.212					
56 N-Nitrosodi-n-propylamine	70		6.228					
60 Hexachloroethane	117		6.335					9
61 Nitrobenzene	77		6.388					9
63 Isophorone	82		6.592					
65 2-Nitrophenol	139		6.661					9
64 2,4-Dimethylphenol	107		6.677					9
69 Benzoic acid	122		6.741					9
68 Bis(2-chloroethoxy)methane	93		6.768					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.864					
72 1,2,4-Trichlorobenzene	180		6.945					
73 Naphthalene	128		7.020					9
74 4-Chloroaniline	127		7.052					9
77 Hexachlorobutadiene	225		7.116					
84 4-Chloro-3-methylphenol	107		7.442					
85 2-Methylnaphthalene	142		7.603					
88 Hexachlorocyclopentadiene	237		7.736					
90 2,4,6-Trichlorophenol	196		7.833					
91 2,4,5-Trichlorophenol	196		7.865					
98 2-Chloronaphthalene	162		8.020					
100 2-Nitroaniline	65		8.095					9
103 Dimethyl phthalate	163		8.234					
105 2,6-Dinitrotoluene	165		8.287					9
107 Acenaphthylene	152		8.373					9
108 3-Nitroaniline	138		8.437					
110 Acenaphthene	153		8.517					
109 2,4-Dinitrophenol	184		8.523					
111 4-Nitrophenol	109		8.549					
112 2,4-Dinitrotoluene	165		8.630					9
114 Dibenzofuran	168		8.662					9
119 Diethyl phthalate	149	8.817	8.822	-0.005	85	23800	0.1461	
121 4-Chlorophenyl phenyl ether	204		8.940					
124 Fluorene	166		8.950					
123 4-Nitroaniline	138		8.950					9
126 4,6-Dinitro-2-methylphenol	198		8.972					
130 N-Nitrosodiphenylamine	169		9.031					
137 4-Bromophenyl phenyl ether	248		9.352					
139 Hexachlorobenzene	284		9.416					
141 Pentachlorophenol	266		9.571					9
146 Phenanthrene	178	9.764	9.769	-0.005	63	13289	0.0538	
147 Anthracene	178		9.812					
149 Carbazole	167		9.935					
151 Di-n-butyl phthalate	149	10.191	10.191	0.0	84	26627	0.0997	
157 Fluoranthene	202		10.769					
160 Pyrene	202		10.978					
166 Butyl benzyl phthalate	149		11.566					
173 3,3'-Dichlorobenzidine	252		12.208					
171 Bis(2-ethylhexyl) phthalate	149	12.224	12.229	-0.005	95	55033	0.4894	
175 Benzo[a]anthracene	228		12.256					9
176 Chrysene	228		12.304					9
178 Di-n-octyl phthalate	149		13.128					
180 Benzo[b]fluoranthene	252		13.743					9
181 Benzo[k]fluoranthene	252		13.786					
182 Benzo[a]pyrene	252		14.240					
186 Indeno[1,2,3-cd]pyrene	276		15.963					9
187 Dibenz(a,h)anthracene	278		15.989					9
188 Benzo[g,h,i]perylene	276		16.396					9

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

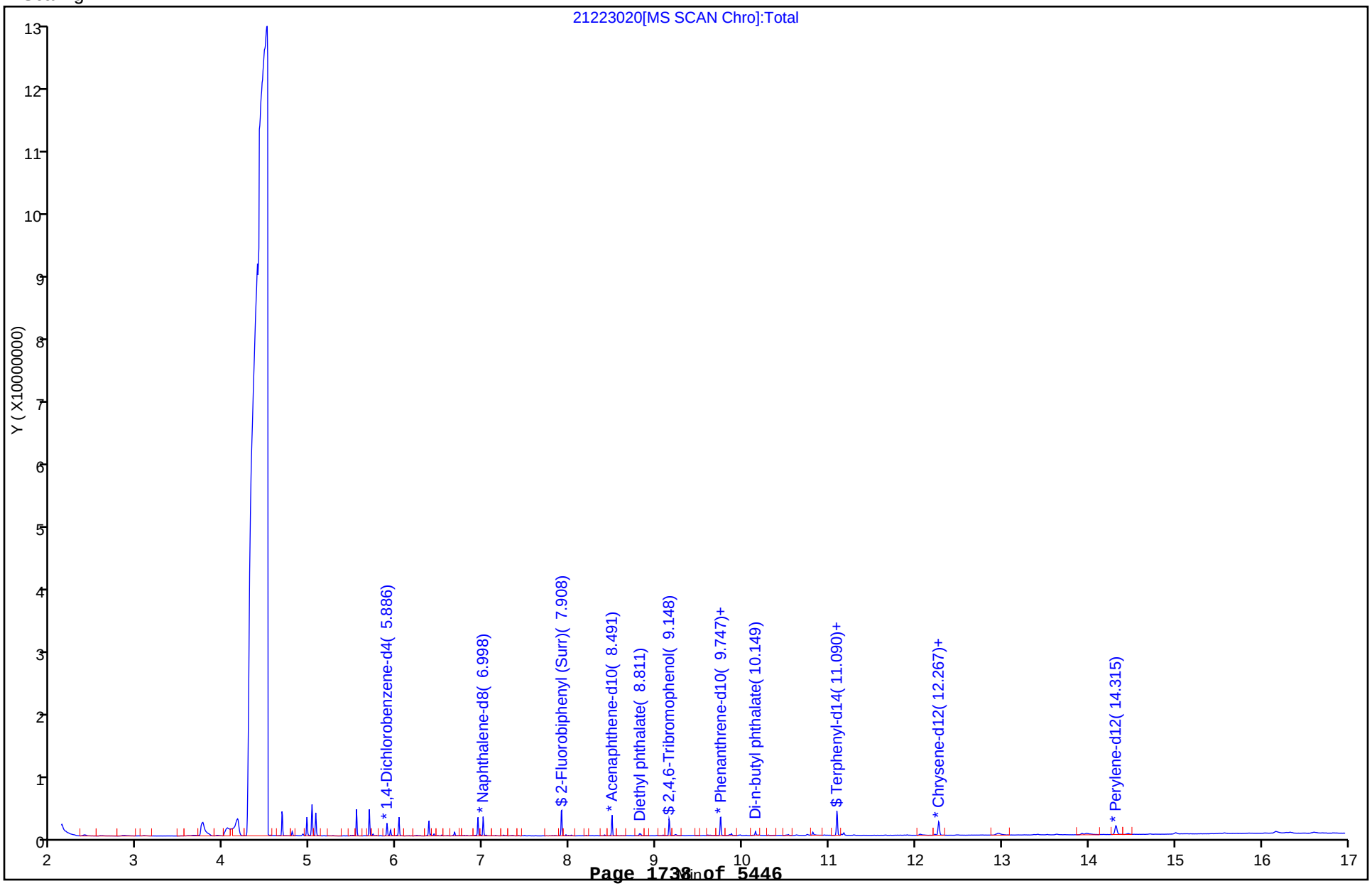
Report Date: 24-Dec-2012 12:29:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223020.D

Injection Date:	23-Dec-2012 18:16:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0095-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

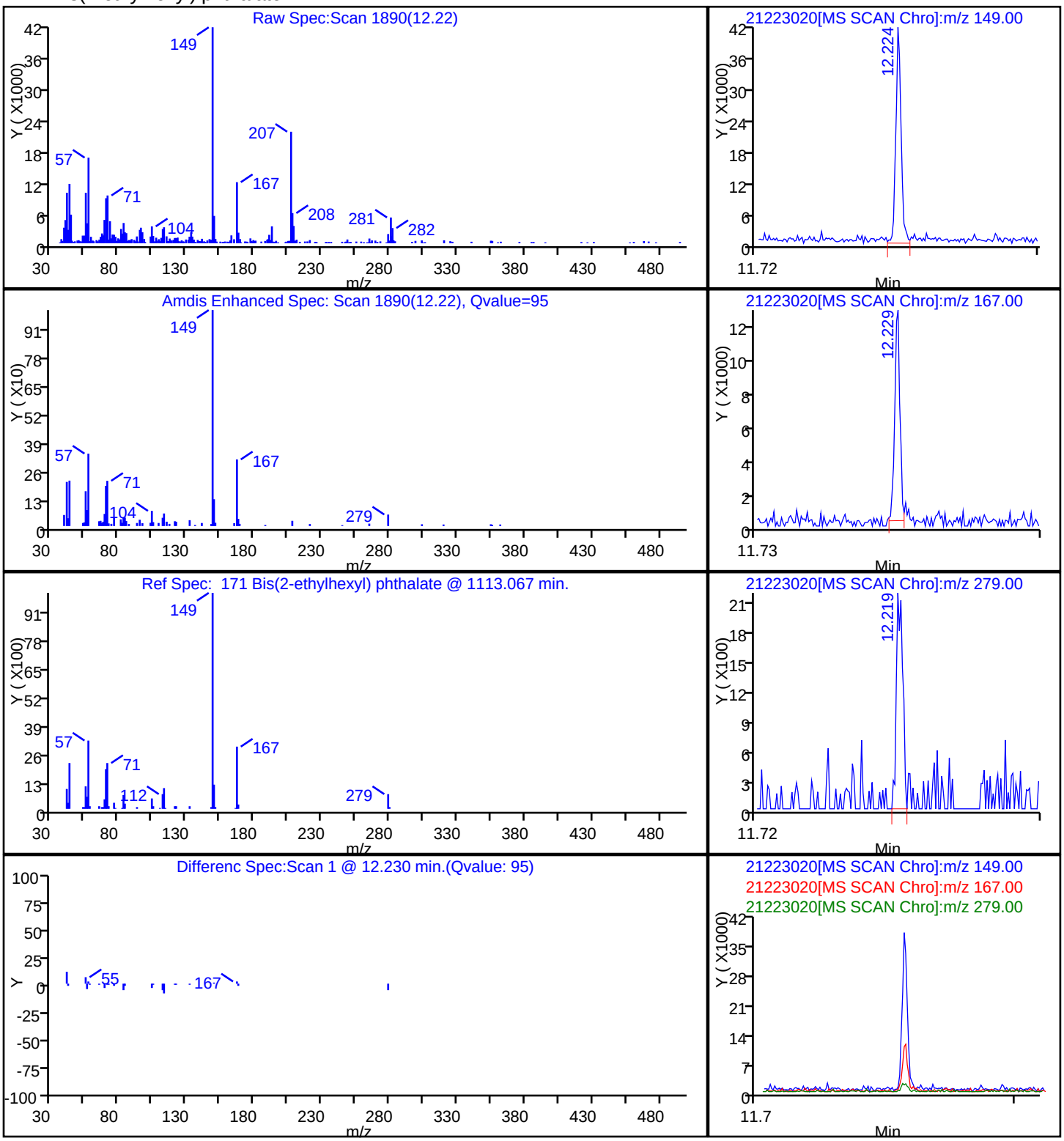


Report Date: 24-Dec-2012 12:29:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223020.D		
Injection Date:	23-Dec-2012 18:16:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0095-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate

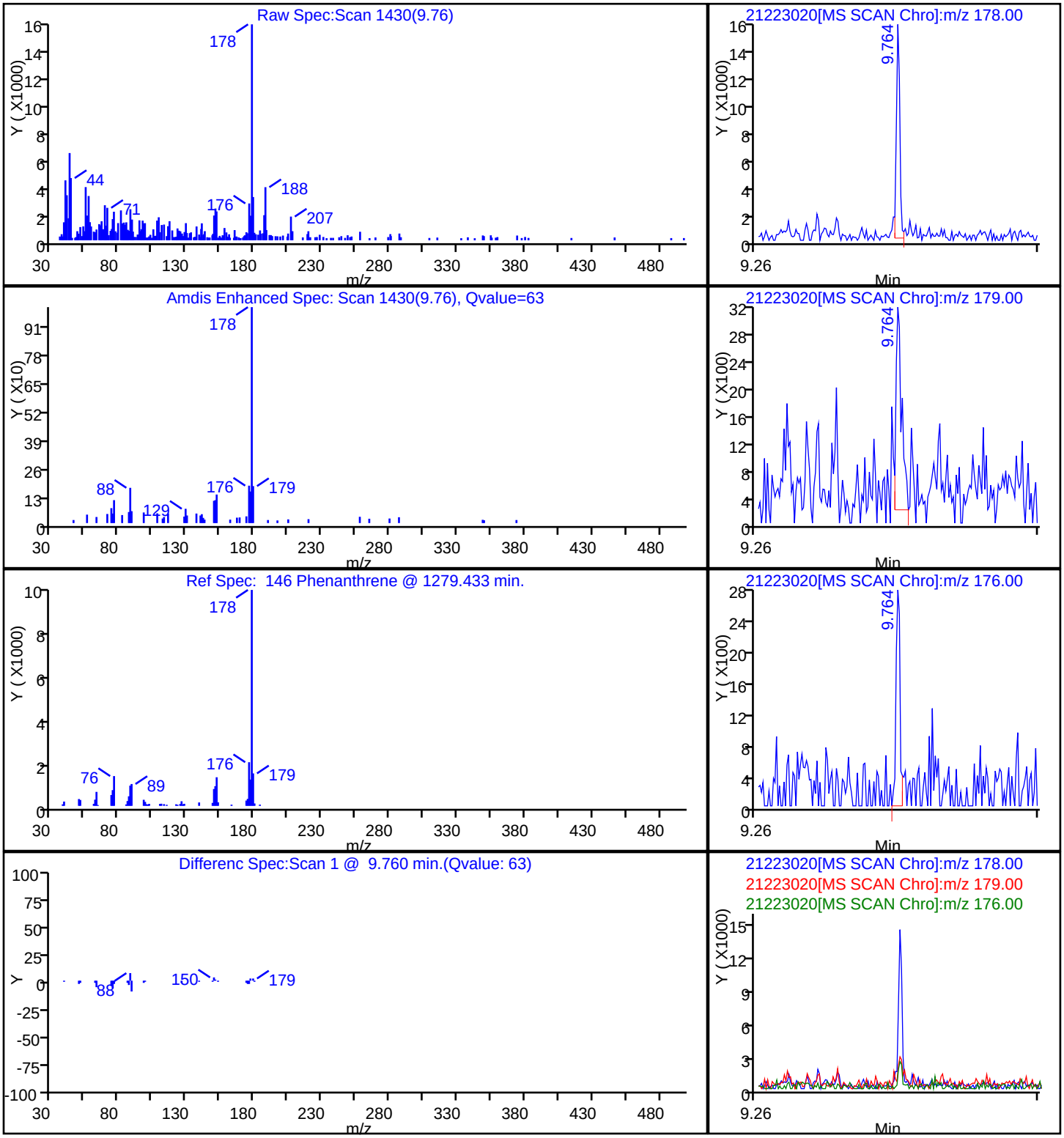


Report Date: 24-Dec-2012 12:29:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223020.D		
Injection Date:	23-Dec-2012 18:16:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0095-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0096-0001-SO | Lab Sample ID: 240-18544-14

Matrix: Solid | Lab File ID: 21223021.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:08

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.89(g) | Date Analyzed: 12/23/2012 18:40

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	27	J B	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0096-0001-SO | Lab Sample ID: 240-18544-14

Matrix: Solid | Lab File ID: 21223021.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:08

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.89(g) | Date Analyzed: 12/23/2012 18:40

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0096-0001-SO | Lab Sample ID: 240-18544-14

Matrix: Solid | Lab File ID: 21223021.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:08

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.89(g) | Date Analyzed: 12/23/2012 18:40

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	46		45-105
367-12-4	2-Fluorophenol (Surr)	62		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	45		35-100
4165-62-2	Phenol-d5 (Surr)	59		40-100
1718-51-0	Terphenyl-d14 (Surr)	56		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	56		35-125

Report Date: 24-Dec-2012 12:29:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223021.D
Lims ID: 240-18544-E-14-D Client ID: 076SB-0096-0001-SO
Inject. Date: 23-Dec-2012 18:40:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016131-021
Misc. Info.: 240-18544-E-14-D
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 69932 Lims Sample ID: 21
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj Date: 24-Dec-2012 12:22:09

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.891	5.886	0.005	97	269081	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	99	1116969	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	89	660199	4.00	
* 4 Phenanthrene-d10	188	9.742	9.747	-0.005	98	1074199	4.00	
* 5 Chrysene-d12	240	12.267	12.272	-0.005	97	1093462	4.00	
* 6 Perylene-d12	264	14.315	14.320	-0.005	96	904692	4.00	
$ 7 2-Fluorophenol	112	4.704	4.629	0.075	94	764542	9.26	
$ 8 Phenol-d5	99	5.538	5.522	0.016	96	975485	8.88	
$ 9 Nitrobenzene-d5	82	6.372	6.367	0.005	92	554570	4.51	
$ 10 2-Fluorobiphenyl (Surr)	172	7.907	7.907	0.0	99	1080419	4.57	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	92	186002	8.38	
$ 12 Terphenyl-d14	244	11.090	11.095	-0.005	98	1243091	5.56	
41 Phenol	94		5.538					9
44 Bis(2-chloroethyl)ether	93		5.634					9
46 2-Chlorophenol	128		5.688					9
47 1,3-Dichlorobenzene	146		5.832					9
48 1,4-Dichlorobenzene	146		5.896					9
49 Benzyl alcohol	108		5.993					
50 1,2-Dichlorobenzene	146		6.035					9
51 2-Methylphenol	108		6.084					9
52 2,2'-oxybis[1-chloropropane]	45		6.116					9
191 3 & 4 Methylphenol	108		6.212					
56 N-Nitrosodi-n-propylamine	70		6.228					
60 Hexachloroethane	117		6.335					
61 Nitrobenzene	77		6.388					
63 Isophorone	82		6.592					
65 2-Nitrophenol	139		6.661					9
64 2,4-Dimethylphenol	107		6.677					9
69 Benzoic acid	122		6.741					
68 Bis(2-chloroethoxy)methane	93		6.768					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.864					
72 1,2,4-Trichlorobenzene	180		6.945					
73 Naphthalene	128		7.020					
74 4-Chloroaniline	127		7.052					9
77 Hexachlorobutadiene	225		7.116					
84 4-Chloro-3-methylphenol	107		7.442					9
85 2-Methylnaphthalene	142		7.603					
88 Hexachlorocyclopentadiene	237		7.736					
90 2,4,6-Trichlorophenol	196		7.833					
91 2,4,5-Trichlorophenol	196		7.865					
98 2-Chloronaphthalene	162		8.020					
100 2-Nitroaniline	65		8.095					9
103 Dimethyl phthalate	163		8.234					
105 2,6-Dinitrotoluene	165		8.287					
107 Acenaphthylene	152		8.373					9
108 3-Nitroaniline	138		8.437					
110 Acenaphthene	153		8.517					9
109 2,4-Dinitrophenol	184		8.523					
111 4-Nitrophenol	109		8.549					
112 2,4-Dinitrotoluene	165		8.630					9
114 Dibenzofuran	168		8.662					9
119 Diethyl phthalate	149		8.822					
121 4-Chlorophenyl phenyl ether	204		8.940					
124 Fluorene	166		8.950					
123 4-Nitroaniline	138		8.950					
126 4,6-Dinitro-2-methylphenol	198		8.972					
130 N-Nitrosodiphenylamine	169		9.031					
137 4-Bromophenyl phenyl ether	248		9.352					
139 Hexachlorobenzene	284		9.416					
141 Pentachlorophenol	266		9.571					
146 Phenanthrene	178		9.769					
147 Anthracene	178		9.812					
149 Carbazole	167		9.935					9
151 Di-n-butyl phthalate	149		10.191					
157 Fluoranthene	202		10.769					
160 Pyrene	202		10.978					
166 Butyl benzyl phthalate	149		11.566					
173 3,3'-Dichlorobenzidine	252		12.208					
171 Bis(2-ethylhexyl) phthalate	149	12.224	12.229	-0.005	95	49970	0.4060	
175 Benzo[a]anthracene	228		12.256					9
176 Chrysene	228		12.304					9
178 Di-n-octyl phthalate	149		13.128					
180 Benzo[b]fluoranthene	252		13.743					
181 Benzo[k]fluoranthene	252		13.786					
182 Benzo[a]pyrene	252		14.240					
186 Indeno[1,2,3-cd]pyrene	276		15.963					9
187 Dibenz(a,h)anthracene	278		15.989					
188 Benzo[g,h,i]perylene	276		16.396					9

QC Flag Legend

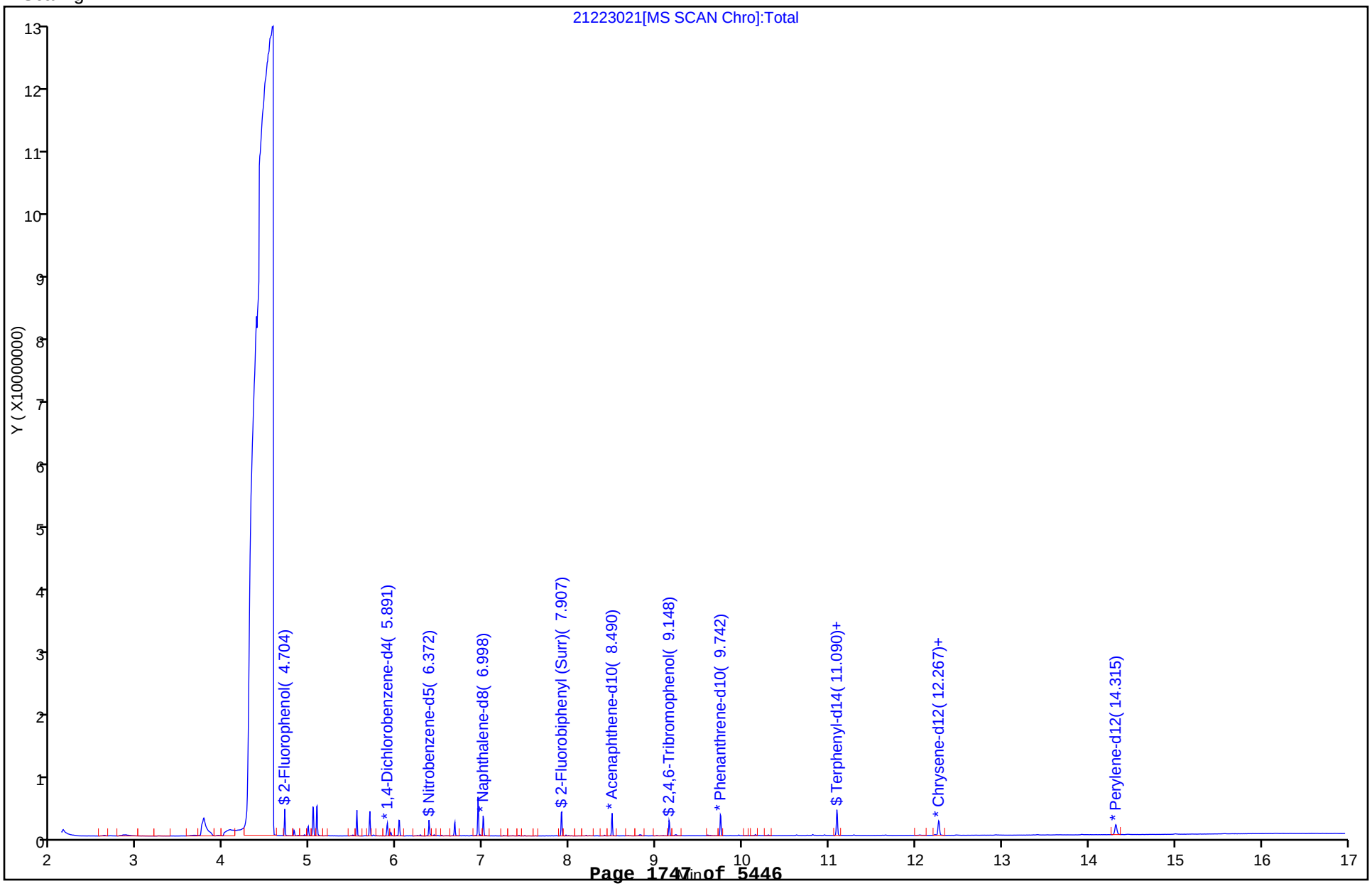
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Report Date: 24-Dec-2012 12:29:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223021.D		
Injection Date:	23-Dec-2012 18:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0096-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



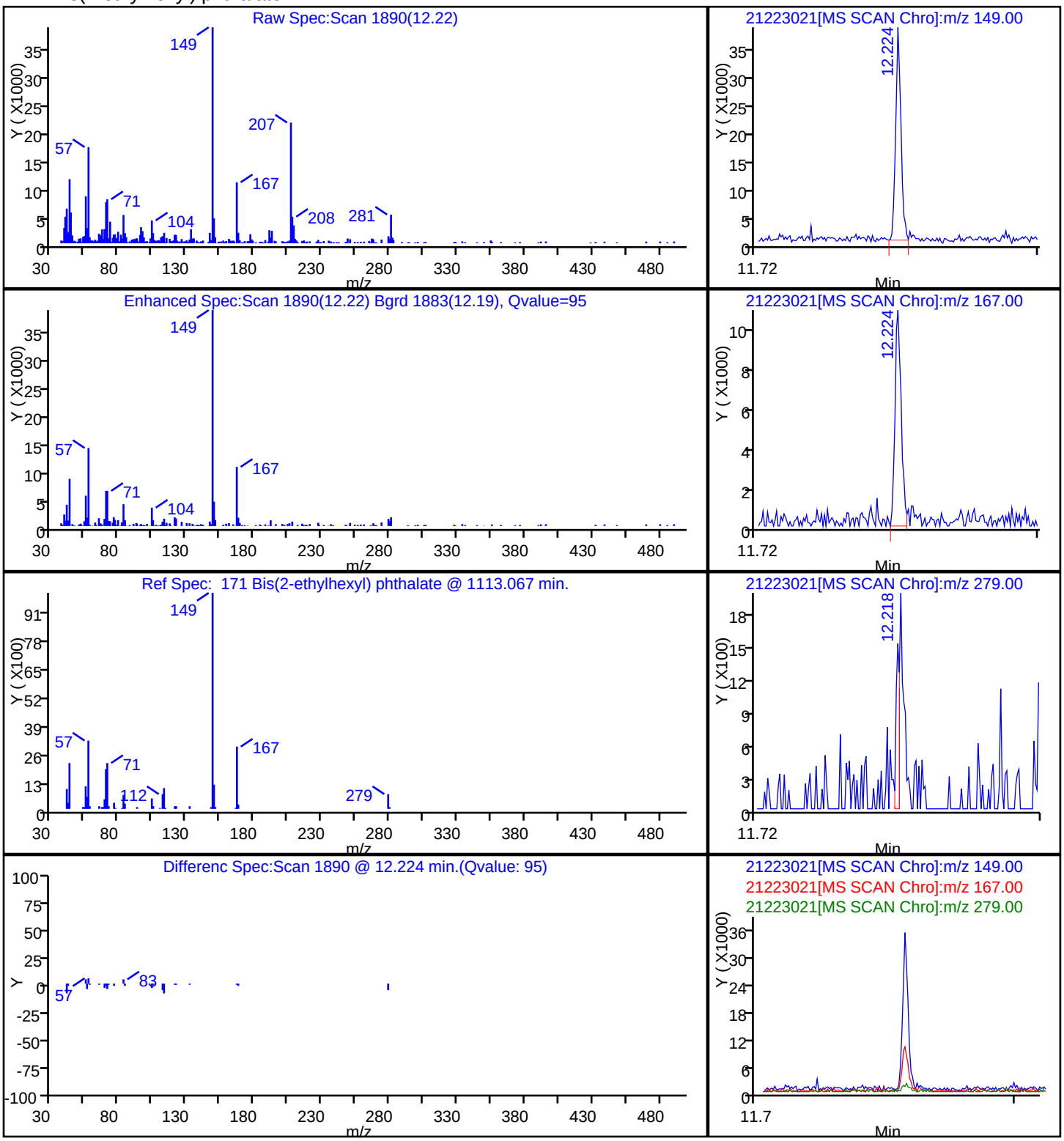
Report Date: 24-Dec-2012 12:29:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223021.D

Injection Date:	23-Dec-2012 18:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0096-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0097-0001-SO | Lab Sample ID: 240-18544-15

Matrix: Solid | Lab File ID: 21223022.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:08

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.17(g) | Date Analyzed: 12/23/2012 19:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	3.3	U	6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	99	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	26	J B	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	9.9
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.6
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	99	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0097-0001-SO | Lab Sample ID: 240-18544-15

Matrix: Solid | Lab File ID: 21223022.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:08

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.17(g) | Date Analyzed: 12/23/2012 19:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.6	3.3	3.3
86-73-7	Fluorene	3.3	U	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.6	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.6	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.0
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	99	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.6	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0097-0001-SO | Lab Sample ID: 240-18544-15

Matrix: Solid | Lab File ID: 21223022.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:08

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.17(g) | Date Analyzed: 12/23/2012 19:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	49		45-105
367-12-4	2-Fluorophenol (Surr)	63		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	49		35-100
4165-62-2	Phenol-d5 (Surr)	63		40-100
1718-51-0	Terphenyl-d14 (Surr)	57		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	59		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223022.D
Lims ID: 240-18544-E-15-D
Client ID: 076SB-0097-0001-SO
Inject. Date: 23-Dec-2012 19:03:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016131-022
Misc. Info.: 240-18544-E-15-D
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 22
Lims Batch ID: 69932
Lims Sample ID: 22
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj
Date: 24-Dec-2012 12:22:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.891	5.886	0.005	97	240770	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	99	961048	4.00	
* 3 Acenaphthene-d10	164	8.491	8.490	0.001	92	572737	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	926184	4.00	
* 5 Chrysene-d12	240	12.267	12.272	-0.005	94	934287	4.00	
* 6 Perylene-d12	264	14.321	14.320	0.001	96	764986	4.00	
$ 7 2-Fluorophenol	112	4.725	4.629	0.096	94	696521	9.43	
$ 8 Phenol-d5	99	5.543	5.522	0.021	96	922595	9.38	
$ 9 Nitrobenzene-d5	82	6.378	6.367	0.011	91	517022	4.88	
$ 10 2-Fluorobiphenyl (Surr)	172	7.908	7.907	0.001	99	1001929	4.88	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	94	171786	8.92	
$ 12 Terphenyl-d14	244	11.090	11.095	-0.005	98	1091111	5.71	
41 Phenol	94		5.538					9
44 Bis(2-chloroethyl)ether	93		5.634					9
46 2-Chlorophenol	128		5.688					9
47 1,3-Dichlorobenzene	146		5.832					9
48 1,4-Dichlorobenzene	146		5.896					9
49 Benzyl alcohol	108		5.993					
50 1,2-Dichlorobenzene	146		6.035					
51 2-Methylphenol	108		6.084					
52 2,2'-oxybis[1-chloropropane]	45		6.116					
191 3 & 4 Methylphenol	108		6.212					
56 N-Nitrosodi-n-propylamine	70		6.228					
60 Hexachloroethane	117		6.335					
61 Nitrobenzene	77		6.388					9
63 Isophorone	82		6.592					
65 2-Nitrophenol	139		6.661					9
64 2,4-Dimethylphenol	107		6.677					9
69 Benzoic acid	122		6.741					
68 Bis(2-chloroethoxy)methane	93		6.768					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.864					
72 1,2,4-Trichlorobenzene	180		6.945					
73 Naphthalene	128		7.020					
74 4-Chloroaniline	127		7.052					9
77 Hexachlorobutadiene	225		7.116					
84 4-Chloro-3-methylphenol	107		7.442					9
85 2-Methylnaphthalene	142		7.603					
88 Hexachlorocyclopentadiene	237		7.736					
90 2,4,6-Trichlorophenol	196		7.833					
91 2,4,5-Trichlorophenol	196		7.865					
98 2-Chloronaphthalene	162		8.020					
100 2-Nitroaniline	65		8.095					
103 Dimethyl phthalate	163		8.234					
105 2,6-Dinitrotoluene	165		8.287					
107 Acenaphthylene	152		8.373					9
108 3-Nitroaniline	138		8.437					9
110 Acenaphthene	153		8.517					
109 2,4-Dinitrophenol	184		8.523					
111 4-Nitrophenol	109		8.549					
112 2,4-Dinitrotoluene	165		8.630					
114 Dibenzofuran	168		8.662					
119 Diethyl phthalate	149	8.817	8.822	-0.005	75	24522	0.1493	
121 4-Chlorophenyl phenyl ether	204		8.940					
124 Fluorene	166		8.950					
123 4-Nitroaniline	138		8.950					
126 4,6-Dinitro-2-methylphenol	198		8.972					
130 N-Nitrosodiphenylamine	169		9.031					
137 4-Bromophenyl phenyl ether	248		9.352					
139 Hexachlorobenzene	284		9.416					
141 Pentachlorophenol	266		9.571					
146 Phenanthrene	178		9.769					9
147 Anthracene	178		9.812					
149 Carbazole	167		9.935					9
151 Di-n-butyl phthalate	149		10.191					
157 Fluoranthene	202		10.769					9
160 Pyrene	202		10.978					9
166 Butyl benzyl phthalate	149		11.566					9
173 3,3'-Dichlorobenzidine	252		12.208					
171 Bis(2-ethylhexyl) phthalate	149	12.224	12.229	-0.005	92	41585	0.3990	
175 Benzo[a]anthracene	228		12.256					9
176 Chrysene	228		12.304					
178 Di-n-octyl phthalate	149		13.128					9
180 Benzo[b]fluoranthene	252		13.743					9
181 Benzo[k]fluoranthene	252		13.786					9
182 Benzo[a]pyrene	252		14.240					
186 Indeno[1,2,3-cd]pyrene	276		15.963					9
187 Dibenz(a,h)anthracene	278		15.989					
188 Benzo[g,h,i]perylene	276		16.396					9

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

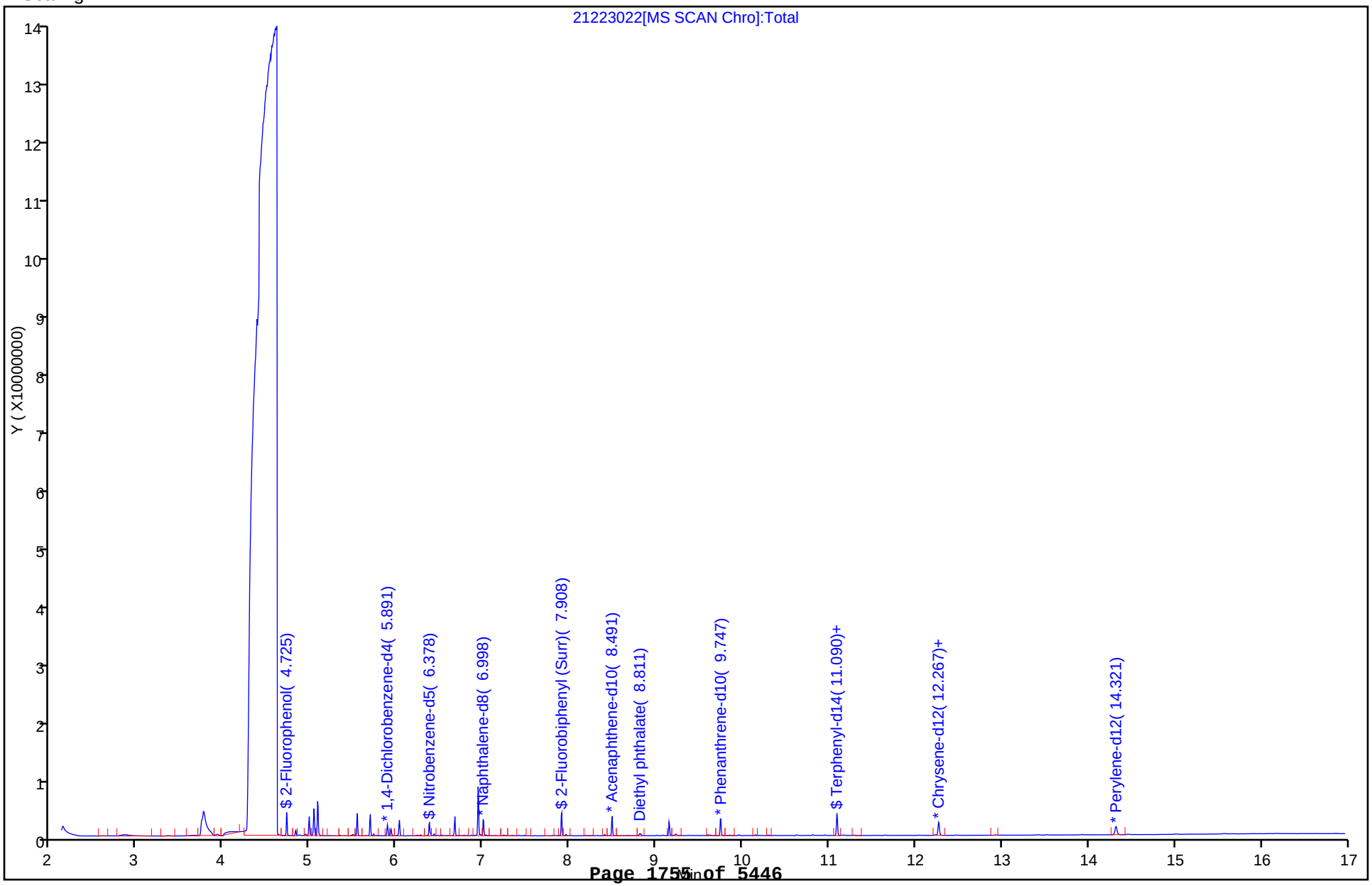
Report Date: 24-Dec-2012 12:29:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223022.D

Injection Date:	23-Dec-2012 19:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0097-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



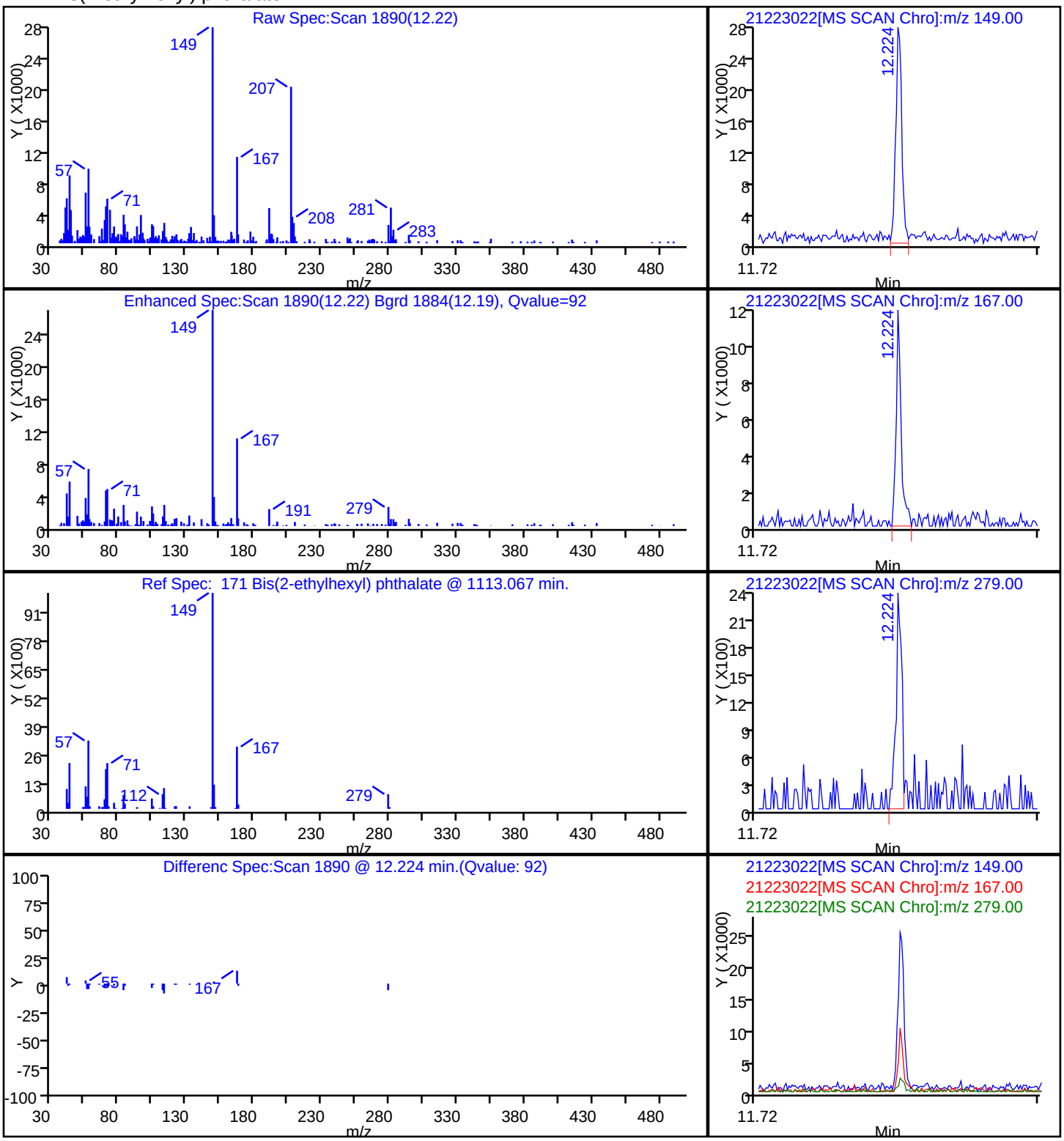
Report Date: 24-Dec-2012 12:29:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223022.D

Injection Date:	23-Dec-2012 19:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0097-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0098-0001-SO | Lab Sample ID: 240-18544-16

Matrix: Solid | Lab File ID: 21223023.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:33

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.14(g) | Date Analyzed: 12/23/2012 19:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	3.3	U	6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	36	J B	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0098-0001-SO | Lab Sample ID: 240-18544-16

Matrix: Solid | Lab File ID: 21223023.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:33

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.14(g) | Date Analyzed: 12/23/2012 19:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.6	3.3	3.3
86-73-7	Fluorene	3.3	U	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.6	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.6	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.6	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0098-0001-SO | Lab Sample ID: 240-18544-16

Matrix: Solid | Lab File ID: 21223023.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:33

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.14(g) | Date Analyzed: 12/23/2012 19:27

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	53		45-105
367-12-4	2-Fluorophenol (Surr)	66		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	54		35-100
4165-62-2	Phenol-d5 (Surr)	68		40-100
1718-51-0	Terphenyl-d14 (Surr)	59		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	47		35-125

Report Date: 24-Dec-2012 12:29:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223023.D
Lims ID: 240-18544-E-16-D Client ID: 076SB-0098-0001-SO
Inject. Date: 23-Dec-2012 19:27:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016131-023
Misc. Info.: 240-18544-E-16-D
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 69932 Lims Sample ID: 23
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj Date: 24-Dec-2012 12:23:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.896	5.886	0.010	97	285603	4.00	
* 2 Naphthalene-d8	136	7.004	6.998	0.006	99	1131127	4.00	
* 3 Acenaphthene-d10	164	8.491	8.490	0.0	92	685732	4.00	
* 4 Phenanthrene-d10	188	9.742	9.747	-0.005	99	1097210	4.00	
* 5 Chrysene-d12	240	12.267	12.272	-0.005	92	1126445	4.00	
* 6 Perylene-d12	264	14.321	14.320	0.001	96	928454	4.00	
$ 7 2-Fluorophenol	112	4.795	4.629	0.166	92	864970	9.87	
$ 8 Phenol-d5	99	5.559	5.522	0.037	96	1190381	10.2	
$ 9 Nitrobenzene-d5	82	6.383	6.367	0.016	92	671417	5.39	
$ 10 2-Fluorobiphenyl (Surr)	172	7.908	7.907	0.001	99	1303086	5.30	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	92	162866	7.06	
$ 12 Terphenyl-d14	244	11.090	11.095	-0.005	99	1356800	5.89	
41 Phenol	94		5.538					
44 Bis(2-chloroethyl)ether	93		5.634					9
46 2-Chlorophenol	128		5.688					
47 1,3-Dichlorobenzene	146		5.832					9
48 1,4-Dichlorobenzene	146		5.896					9
49 Benzyl alcohol	108		5.993					
50 1,2-Dichlorobenzene	146		6.035					9
51 2-Methylphenol	108		6.084					
52 2,2'-oxybis[1-chloropropane]	45		6.116					
191 3 & 4 Methylphenol	108		6.212					
56 N-Nitrosodi-n-propylamine	70		6.228					
60 Hexachloroethane	117		6.335					
61 Nitrobenzene	77		6.388					9
63 Isophorone	82		6.592					
65 2-Nitrophenol	139		6.661					9
64 2,4-Dimethylphenol	107		6.677					9
69 Benzoic acid	122		6.741					
68 Bis(2-chloroethoxy)methane	93		6.768					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.864					
72 1,2,4-Trichlorobenzene	180		6.945					
73 Naphthalene	128		7.020					
74 4-Chloroaniline	127		7.052					
77 Hexachlorobutadiene	225		7.116					
84 4-Chloro-3-methylphenol	107		7.442					
85 2-Methylnaphthalene	142		7.603					
88 Hexachlorocyclopentadiene	237		7.736					
90 2,4,6-Trichlorophenol	196		7.833					
91 2,4,5-Trichlorophenol	196		7.865					
98 2-Chloronaphthalene	162		8.020					
100 2-Nitroaniline	65		8.095					
103 Dimethyl phthalate	163		8.234					
105 2,6-Dinitrotoluene	165		8.287					
107 Acenaphthylene	152		8.373					
108 3-Nitroaniline	138		8.437					
110 Acenaphthene	153		8.517					9
109 2,4-Dinitrophenol	184		8.523					
111 4-Nitrophenol	109		8.549					9
112 2,4-Dinitrotoluene	165		8.630					
114 Dibenzofuran	168		8.662					
119 Diethyl phthalate	149		8.822					
121 4-Chlorophenyl phenyl ether	204		8.940					
124 Fluorene	166		8.950					
123 4-Nitroaniline	138		8.950					
126 4,6-Dinitro-2-methylphenol	198		8.972					
130 N-Nitrosodiphenylamine	169		9.031					
137 4-Bromophenyl phenyl ether	248		9.352					
139 Hexachlorobenzene	284		9.416					
141 Pentachlorophenol	266		9.571					9
146 Phenanthrene	178		9.769					
147 Anthracene	178		9.812					
149 Carbazole	167		9.935					
151 Di-n-butyl phthalate	149		10.191					
157 Fluoranthene	202		10.769					9
160 Pyrene	202		10.978					
166 Butyl benzyl phthalate	149		11.566					
173 3,3'-Dichlorobenzidine	252		12.208					9
171 Bis(2-ethylhexyl) phthalate	149	12.224	12.229	-0.005	93	78393	0.5466	
175 Benzo[a]anthracene	228		12.256					9
176 Chrysene	228		12.304					9
178 Di-n-octyl phthalate	149		13.128					
180 Benzo[b]fluoranthene	252		13.743					9
181 Benzo[k]fluoranthene	252		13.786					9
182 Benzo[a]pyrene	252		14.240					
186 Indeno[1,2,3-cd]pyrene	276		15.963					9
187 Dibenz(a,h)anthracene	278		15.989					9
188 Benzo[g,h,i]perylene	276		16.396					9

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

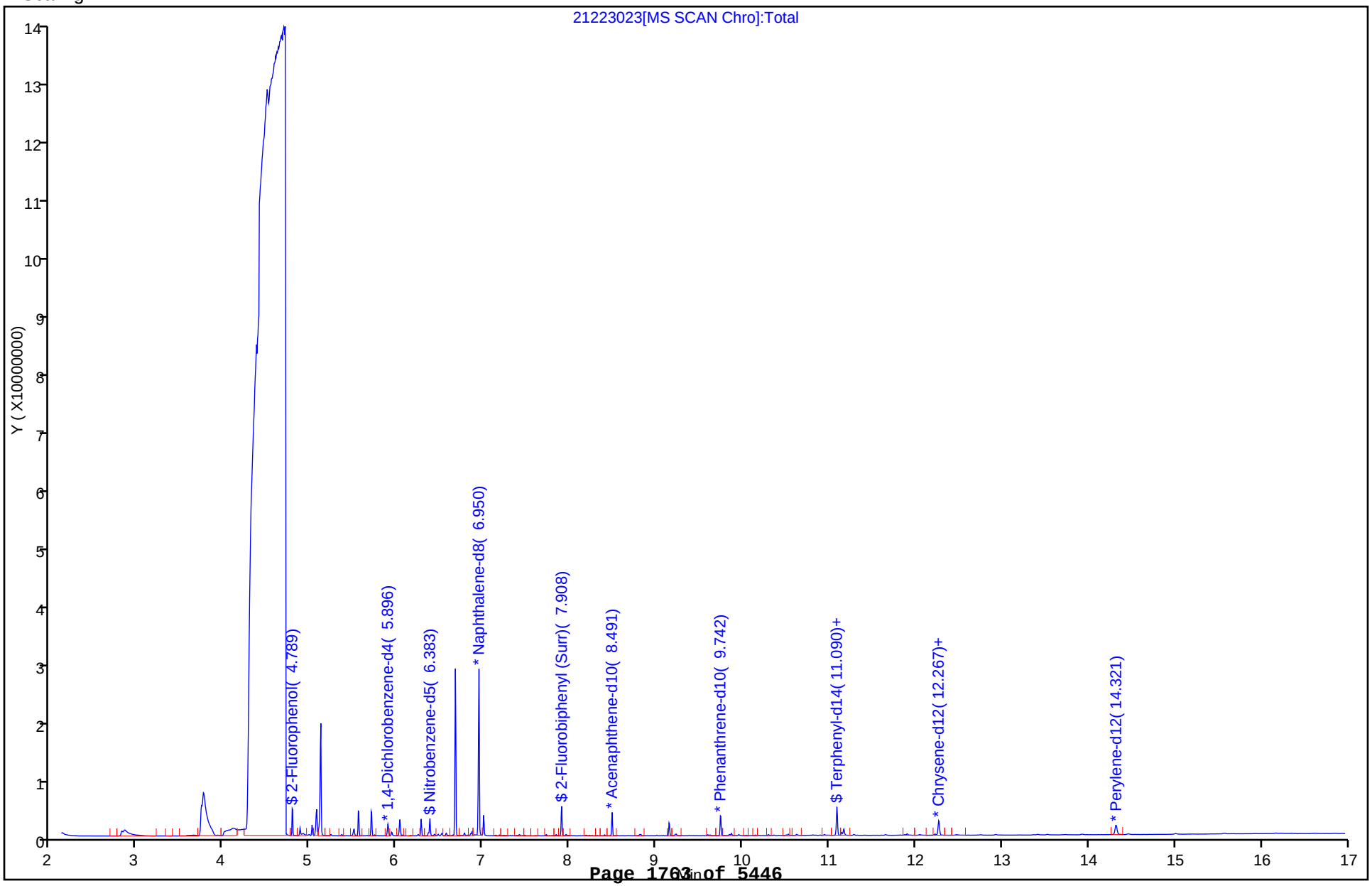
Report Date: 24-Dec-2012 12:29:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223023.D

Injection Date:	23-Dec-2012 19:27:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0098-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	23
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

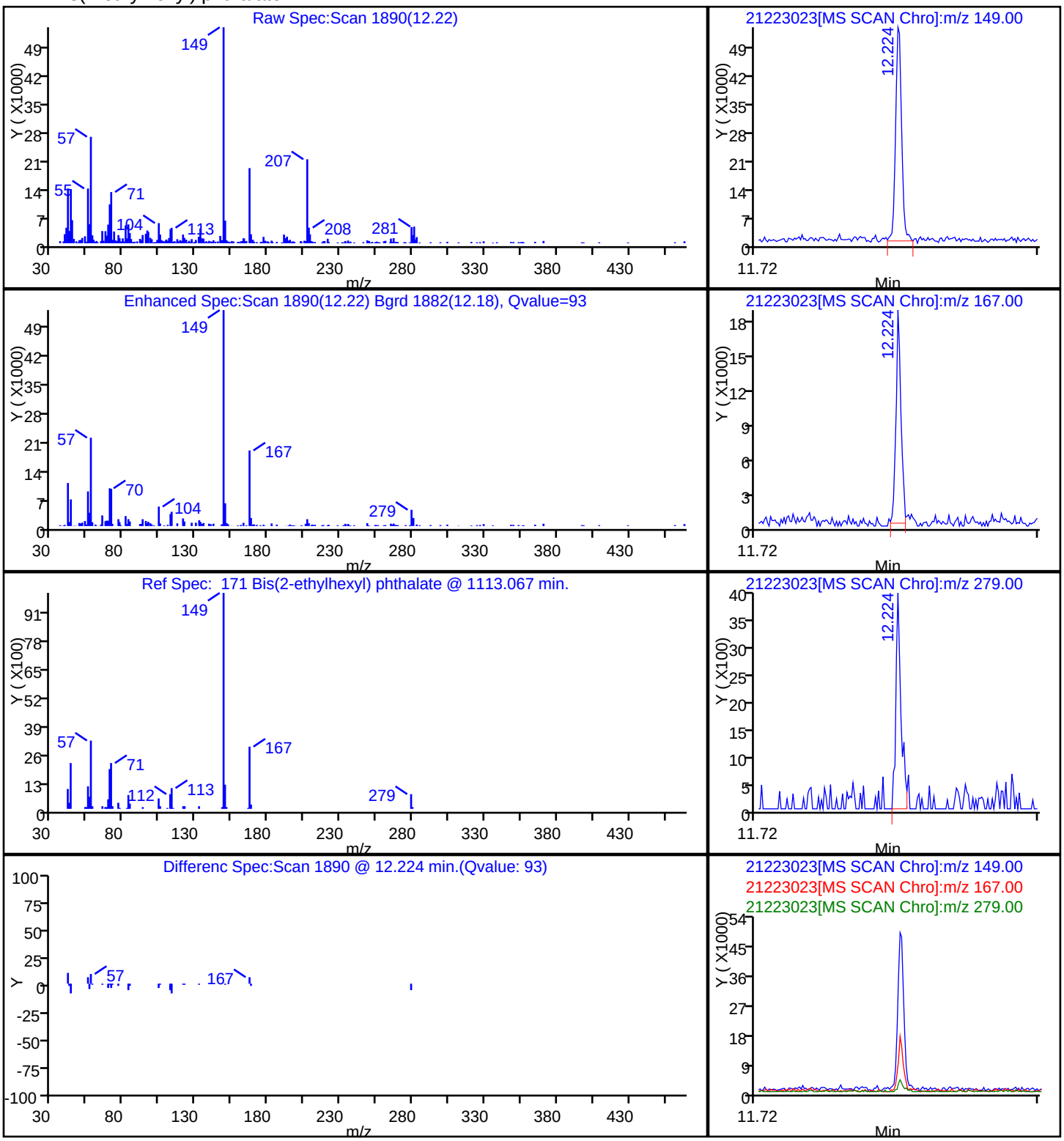


Report Date: 24-Dec-2012 12:29:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223023.D		
Injection Date:	23-Dec-2012 19:27:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0098-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	23
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0099-0001-SO | Lab Sample ID: 240-18544-17

Matrix: Solid | Lab File ID: 21224023.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.62(g) | Date Analyzed: 12/24/2012 17:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.8	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.8	3.3	3.3
120-12-7	Anthracene	3.3	U	6.8	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.8	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.8	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.8	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.8	3.3	3.3
65-85-0	Benzoic acid	340	U	670	340	340
207-08-9	Benzo[k]fluoranthene	3.3	U	6.8	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	36	J B	51	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	51	27	13
85-68-7	Butyl benzyl phthalate	27	U	51	27	10
86-74-8	Carbazole	27	U	51	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	51	3.3	3.3
95-57-8	2-Chlorophenol	27	U	51	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	51	27	13
218-01-9	Chrysene	3.3	U	6.8	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.8	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	51	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	51	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	51	27	11
106-46-7	1,4-Dichlorobenzene	27	U	51	27	20
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	51	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	51	27	17
84-74-2	Di-n-butyl phthalate	27	U	51	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0099-0001-SO | Lab Sample ID: 240-18544-17

Matrix: Solid | Lab File ID: 21224023.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.62(g) | Date Analyzed: 12/24/2012 17:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	51	27	27
206-44-0	Fluoranthene	3.3	U	6.8	3.3	3.3
86-73-7	Fluorene	3.3	U	6.8	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.8	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	51	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	51	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.8	3.3	3.3
78-59-1	Isophorone	27	U	51	27	13
91-57-6	2-Methylnaphthalene	4.2	J	6.8	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	410	81	20
91-20-3	Naphthalene	5.1	J	6.8	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	51	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	51	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	51	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	3.3	U	6.8	3.3	3.3
108-95-2	Phenol	27	U	51	27	27
129-00-0	Pyrene	3.3	U	6.8	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	51	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0099-0001-SO | Lab Sample ID: 240-18544-17

Matrix: Solid | Lab File ID: 21224023.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 29.62(g) | Date Analyzed: 12/24/2012 17:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	56		45-105
367-12-4	2-Fluorophenol (Surr)	72		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	56		35-100
4165-62-2	Phenol-d5 (Surr)	71		40-100
1718-51-0	Terphenyl-d14 (Surr)	63		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	71		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224023.D
Lims ID: 240-18544-E-17-D
Client ID: 076SB-0099-0001-SO
Inject. Date: 24-Dec-2012 17:25:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-023
Misc. Info.: 240-18544-E-17-D
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 23
Lims Batch ID: 69977
Lims Sample ID: 23
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj
Date: 26-Dec-2012 13:02:36

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.889	5.873	0.016	96	215560	4.00	
* 2 Naphthalene-d8	136	6.996	6.991	0.005	99	851876	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	92	504910	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	819139	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	98	821834	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	90	711679	4.00	
$ 7 2-Fluorophenol	112	4.803	4.616	0.187	92	717096	10.8	
$ 8 Phenol-d5	99	5.552	5.515	0.037	90	943945	10.7	
$ 9 Nitrobenzene-d5	82	6.376	6.360	0.016	93	524382	5.59	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	1011402	5.59	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	89	179985	10.6	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	99	1054611	6.27	
41 Phenol	94		5.531					9
44 Bis(2-chloroethyl)ether	93		5.627					9
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					
48 1,4-Dichlorobenzene	146	5.905	5.889	0.016	66	9093	0.1158	
49 Benzyl alcohol	108		5.985					9
50 1,2-Dichlorobenzene	146		6.028					
51 2-Methylphenol	108		6.076					9
52 2,2'-oxybis[1-chloropropane]	45		6.108					
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					
60 Hexachloroethane	117		6.328					9
61 Nitrobenzene	77		6.376					
63 Isophorone	82	6.590	6.579	0.011	76	17699	0.1253	
65 2-Nitrophenol	139		6.654					9
64 2,4-Dimethylphenol	107		6.670					9
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128	7.012	7.007	0.005	22	15668	0.0753	
74 4-Chloroaniline	127		7.039					
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					9
85 2-Methylnaphthalene	142	7.595	7.595	0.0	71	8479	0.0621	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					
98 2-Chloronaphthalene	162		8.013					9
100 2-Nitroaniline	65		8.082					9
103 Dimethyl phthalate	163		8.221					
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					
108 3-Nitroaniline	138		8.424					9
110 Acenaphthene	153		8.510					
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					9
114 Dibenzofuran	168		8.654					
119 Diethyl phthalate	149	8.809	8.809	0.0	71	18389	0.1270	
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					9
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					
146 Phenanthrene	178		9.756					9
147 Anthracene	178		9.799					
149 Carbazole	167		9.922					9
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202		10.762					
160 Pyrene	202		10.965					9
166 Butyl benzyl phthalate	149		11.548					
173 3,3'-Dichlorobenzidine	252		12.184					9
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	94	55057	0.5313	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					9
178 Di-n-octyl phthalate	149		13.099					9
180 Benzo[b]fluoranthene	252		13.720					
181 Benzo[k]fluoranthene	252		13.757					
182 Benzo[a]pyrene	252		14.212					
186 Indeno[1,2,3-cd]pyrene	276		15.923					9
187 Dibenz(a,h)anthracene	278		15.950					9
188 Benzo[g,h,i]perylene	276		16.356					9

QC Flag Legend

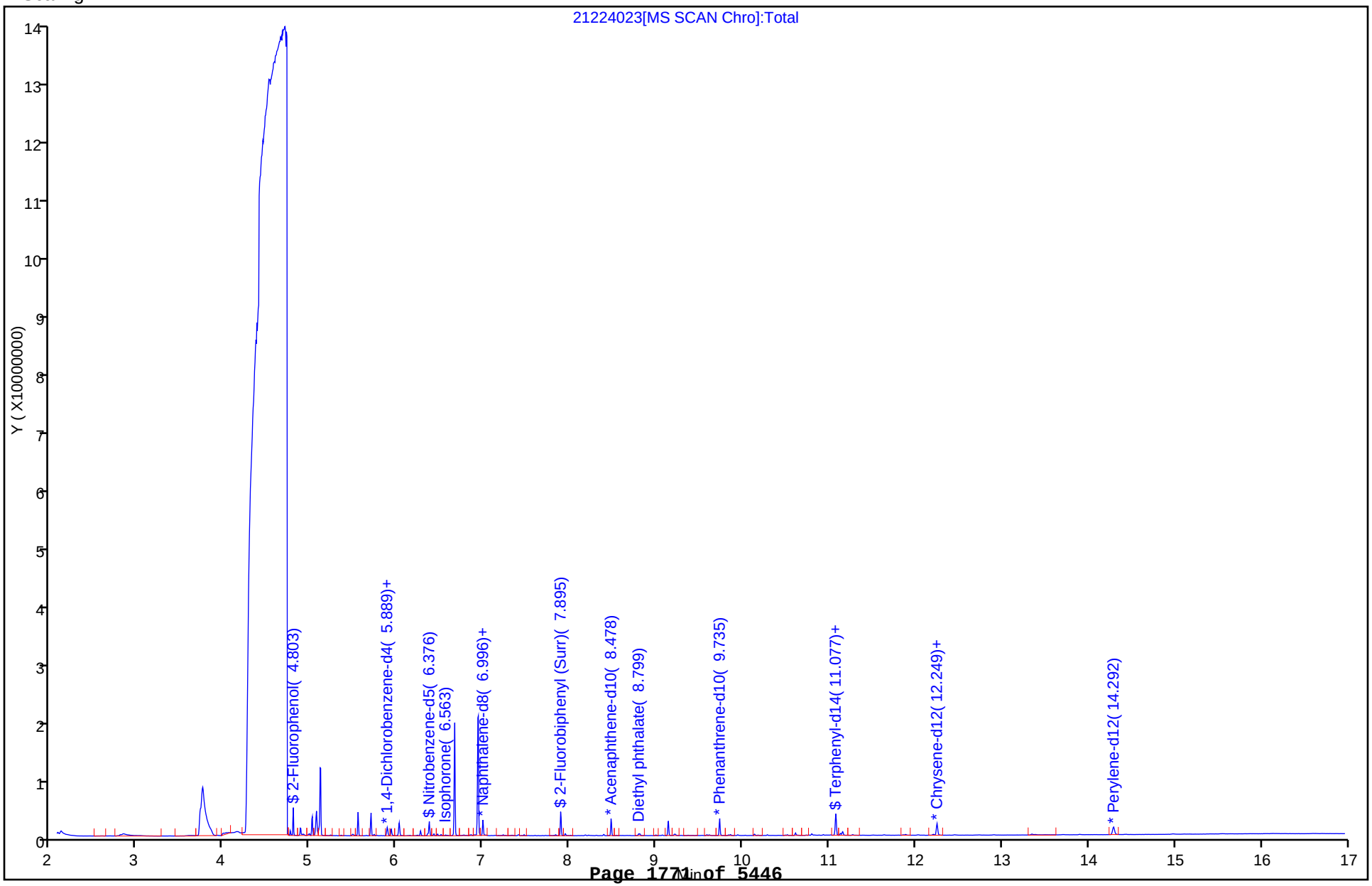
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 26-Dec-2012 13:04:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224023.D		
Injection Date:	24-Dec-2012 17:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0099-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	23
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



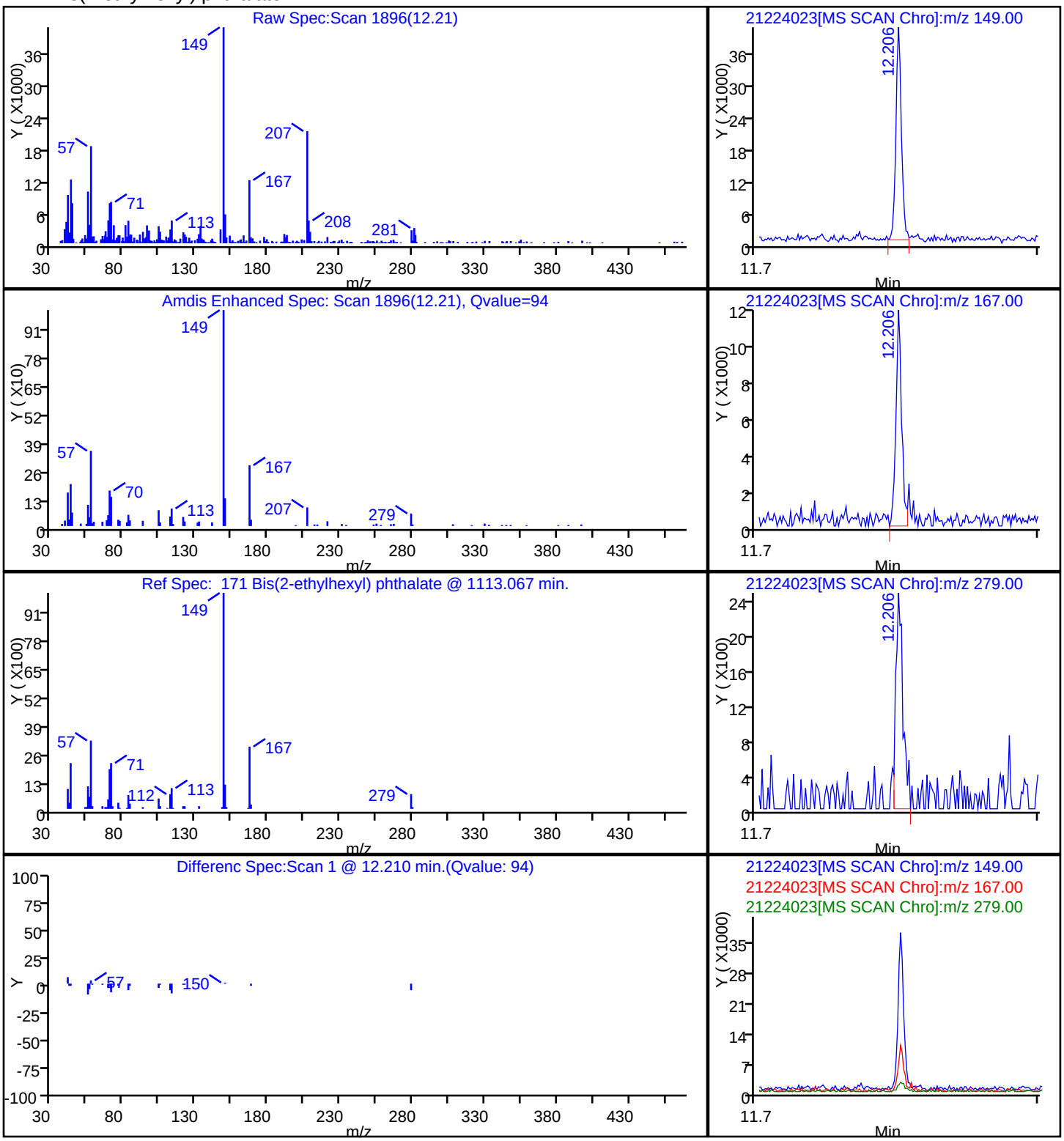
Report Date: 26-Dec-2012 13:04:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224023.D

Injection Date:	24-Dec-2012 17:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0099-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	23
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate

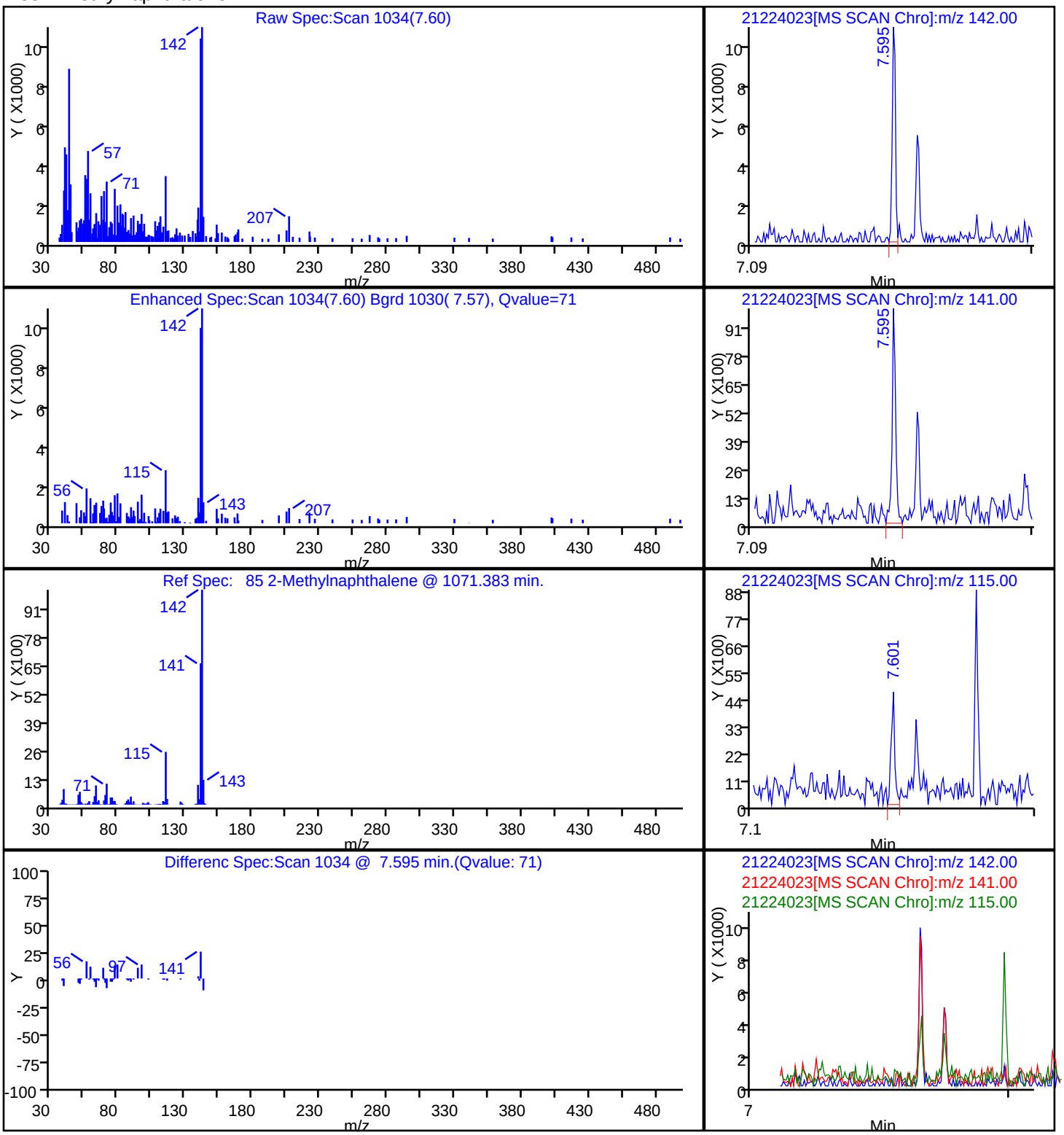


Report Date: 26-Dec-2012 13:04:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224023.D		
Injection Date:	24-Dec-2012 17:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0099-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	23
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



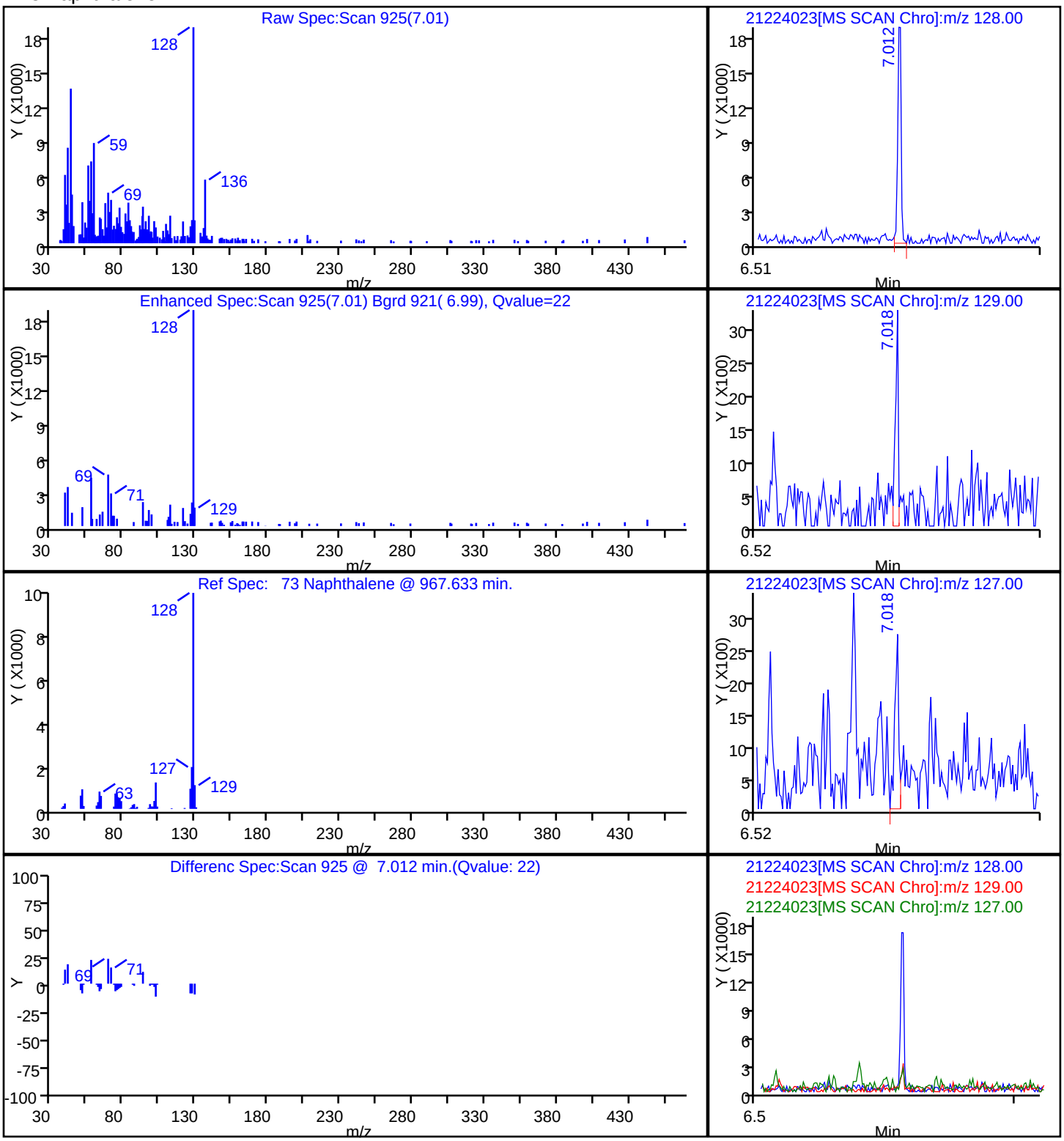
Report Date: 26-Dec-2012 13:04:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224023.D

Injection Date:	24-Dec-2012 17:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0099-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	23
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0078-0001-SO | Lab Sample ID: 240-18544-18

Matrix: Solid | Lab File ID: 21224020.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:30

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.67(g) | Date Analyzed: 12/24/2012 16:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.6	U	7.4	3.6	3.6
208-96-8	Acenaphthylene	3.6	U	7.4	3.6	3.6
120-12-7	Anthracene	3.6	U	7.4	3.6	3.6
56-55-3	Benzo[a]anthracene	3.6	U	7.4	3.6	3.6
50-32-8	Benzo[a]pyrene	3.6	U	7.4	3.6	3.6
205-99-2	Benzo[b]fluoranthene	4.4	J	7.4	3.6	3.6
191-24-2	Benzo[g,h,i]perylene	9.7		7.4	3.6	3.6
207-08-9	Benzo[k]fluoranthene	4.7	J M	7.4	3.6	3.6
218-01-9	Chrysene	3.6	U	7.4	3.6	1.2
53-70-3	Dibenz(a,h)anthracene	3.6	U	7.4	3.6	3.6
206-44-0	Fluoranthene	3.7	J	7.4	3.6	3.6
86-73-7	Fluorene	3.6	U	7.4	3.6	3.6
193-39-5	Indeno[1,2,3-cd]pyrene	3.6	U	7.4	3.6	3.6
91-20-3	Naphthalene	3.6	U	7.4	3.6	3.6
85-01-8	Phenanthrene	3.6	U	7.4	3.6	3.6
129-00-0	Pyrene	4.8	J	7.4	3.6	3.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	49		45-105
367-12-4	2-Fluorophenol (Surr)	64		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	50		35-100
4165-62-2	Phenol-d5 (Surr)	61		40-100
1718-51-0	Terphenyl-d14 (Surr)	62		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	57		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224020.D
Lims ID: 240-18544-H-18-D
Client ID: 076SB-0078-0001-SO
Inject. Date: 24-Dec-2012 16:15:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-020
Misc. Info.: 240-18544-H-18-D
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 20
Lims Batch ID: 69977
Lims Sample ID: 20
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj
Date: 26-Dec-2012 12:59:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.873	5.873	0.0	97	225527	4.00	
* 2 Naphthalene-d8	136	6.986	6.991	-0.005	100	880062	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	90	532753	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	843432	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	98	852830	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	96	740656	4.00	
$ 7 2-Fluorophenol	112	4.632	4.616	0.016	94	669346	9.67	
$ 8 Phenol-d5	99	5.520	5.515	0.005	96	848985	9.22	
$ 9 Nitrobenzene-d5	82	6.360	6.360	0.0	92	486860	5.02	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	100	926541	4.85	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	91	152155	8.49	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	99	1089278	6.24	
73 Naphthalene	128		7.007					
107 Acenaphthylene	152		8.366					
110 Acenaphthene	153		8.510					
124 Fluorene	166		8.943					9
146 Phenanthrene	178		9.756					
147 Anthracene	178		9.799					
157 Fluoranthene	202	10.757	10.762	-0.006	76	12496	0.0503	
160 Pyrene	202	10.965	10.965	0.0	89	16161	0.0655	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					
180 Benzo[b]fluoranthene	252	13.709	13.720	-0.011	83	13228	0.0598	
181 Benzo[k]fluoranthene	252	13.725	13.757	-0.032	1	15198	0.0641	M
182 Benzo[a]pyrene	252		14.212					
186 Indeno[1,2,3-cd]pyrene	276		15.923					9
187 Dibenz(a,h)anthracene	278		15.950					
188 Benzo[g,h,i]perylene	276	16.357	16.356	0.001	66	25432	0.1316	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

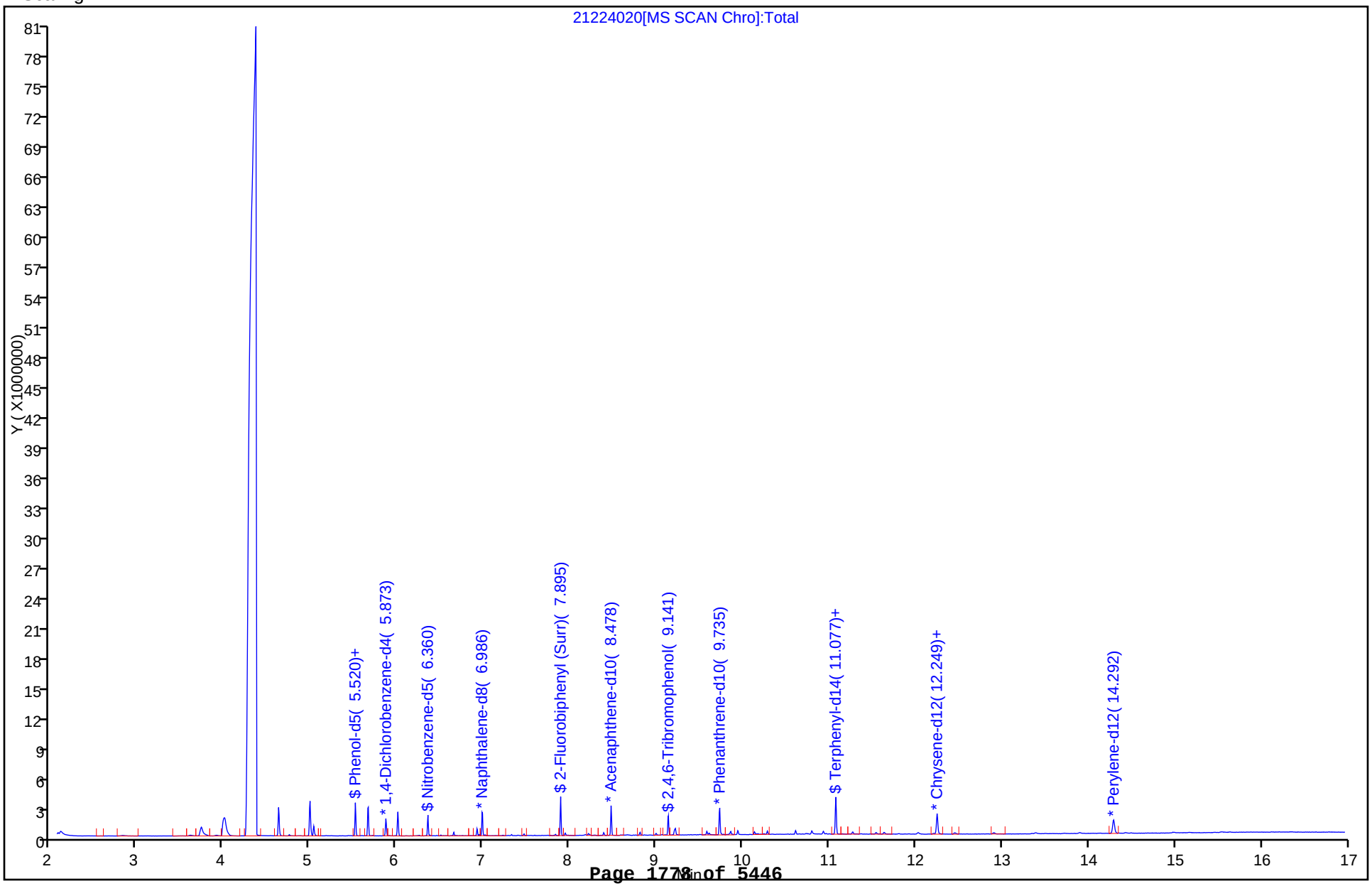
Review Flags
M - Manually Integrated

Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224020.D		
Injection Date:	24-Dec-2012 16:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0078-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

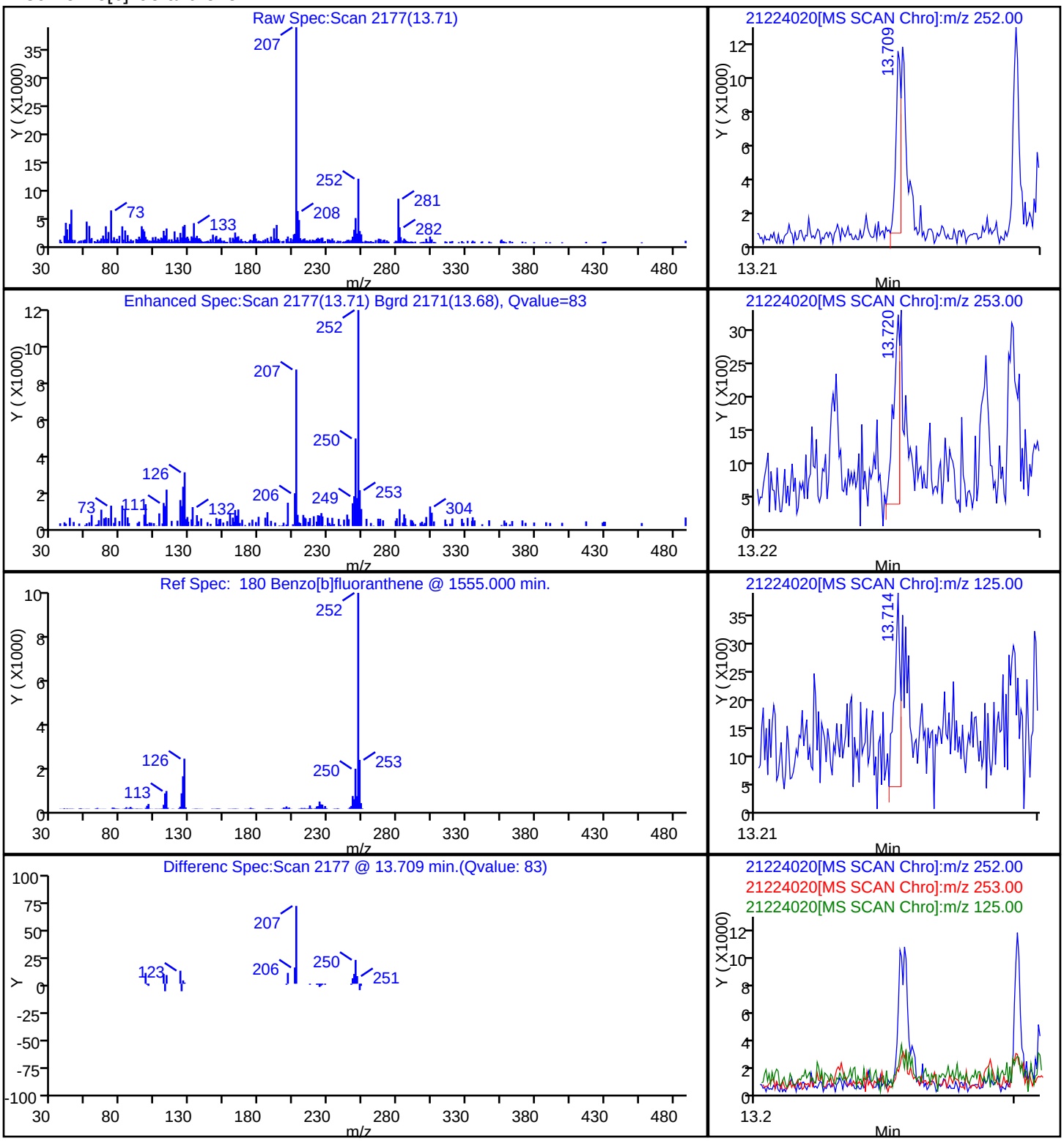


Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224020.D		
Injection Date:	24-Dec-2012 16:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0078-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



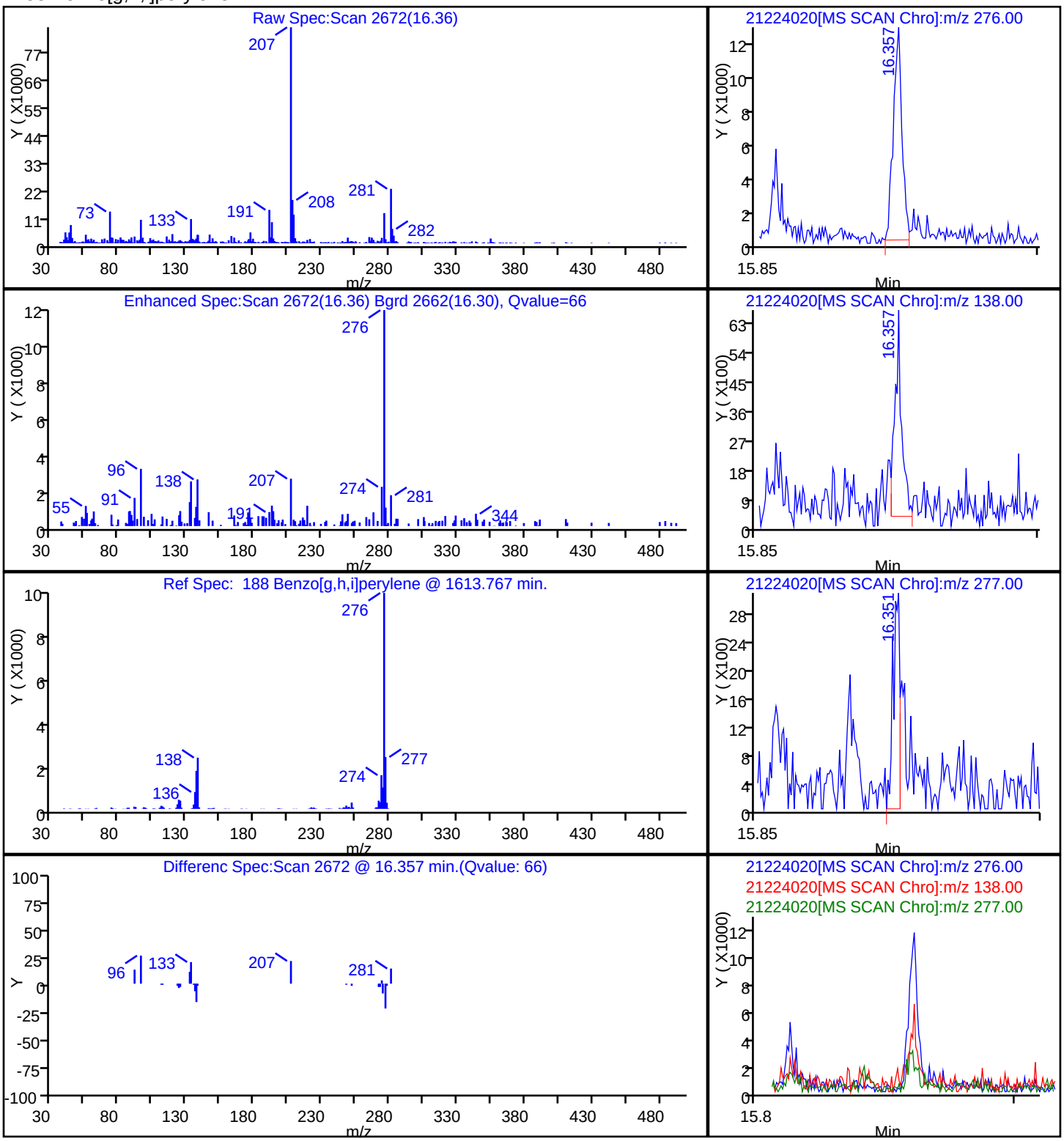
Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224020.D

Injection Date:	24-Dec-2012 16:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0078-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



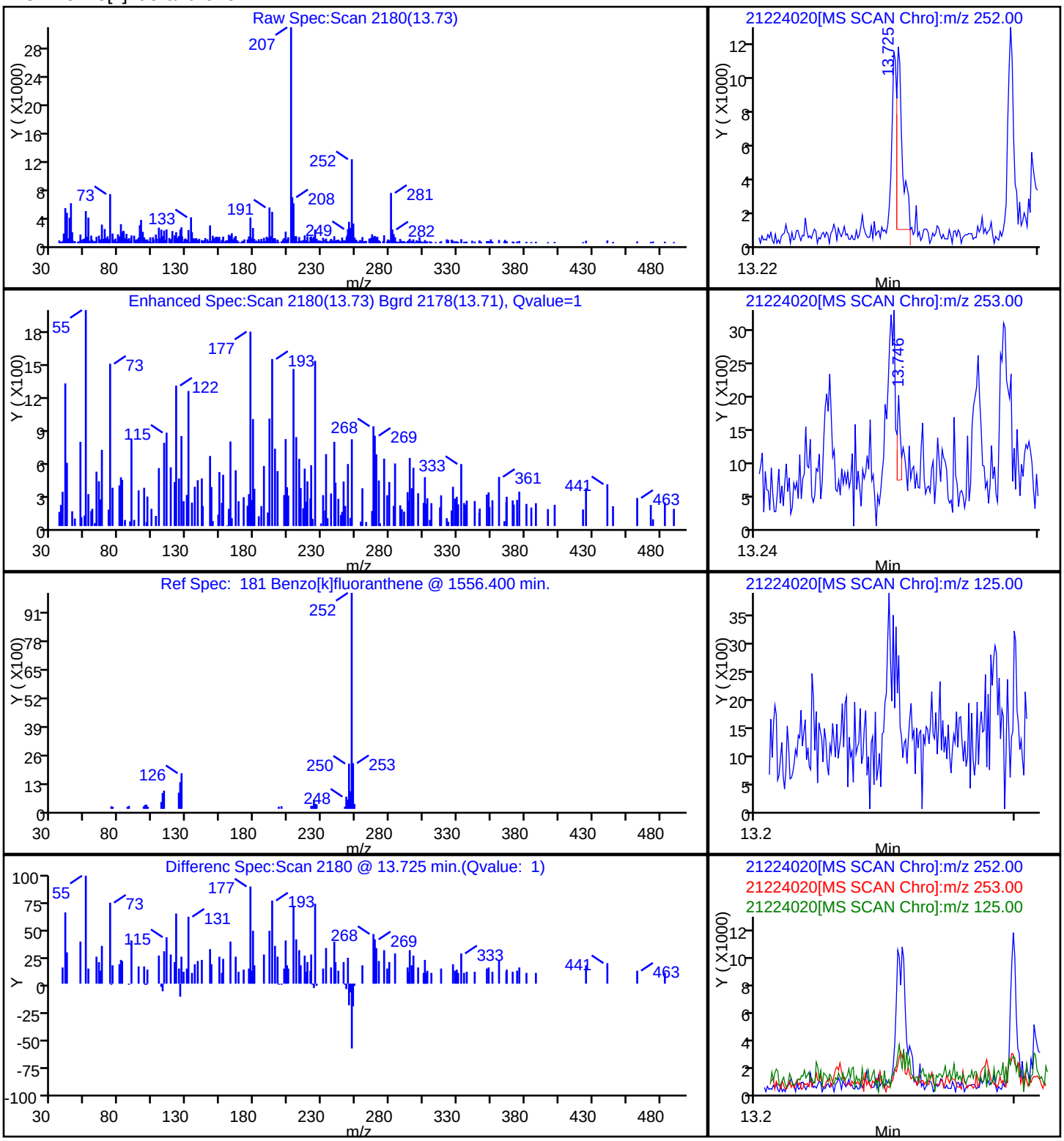
Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224020.D

Injection Date:	24-Dec-2012 16:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0078-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

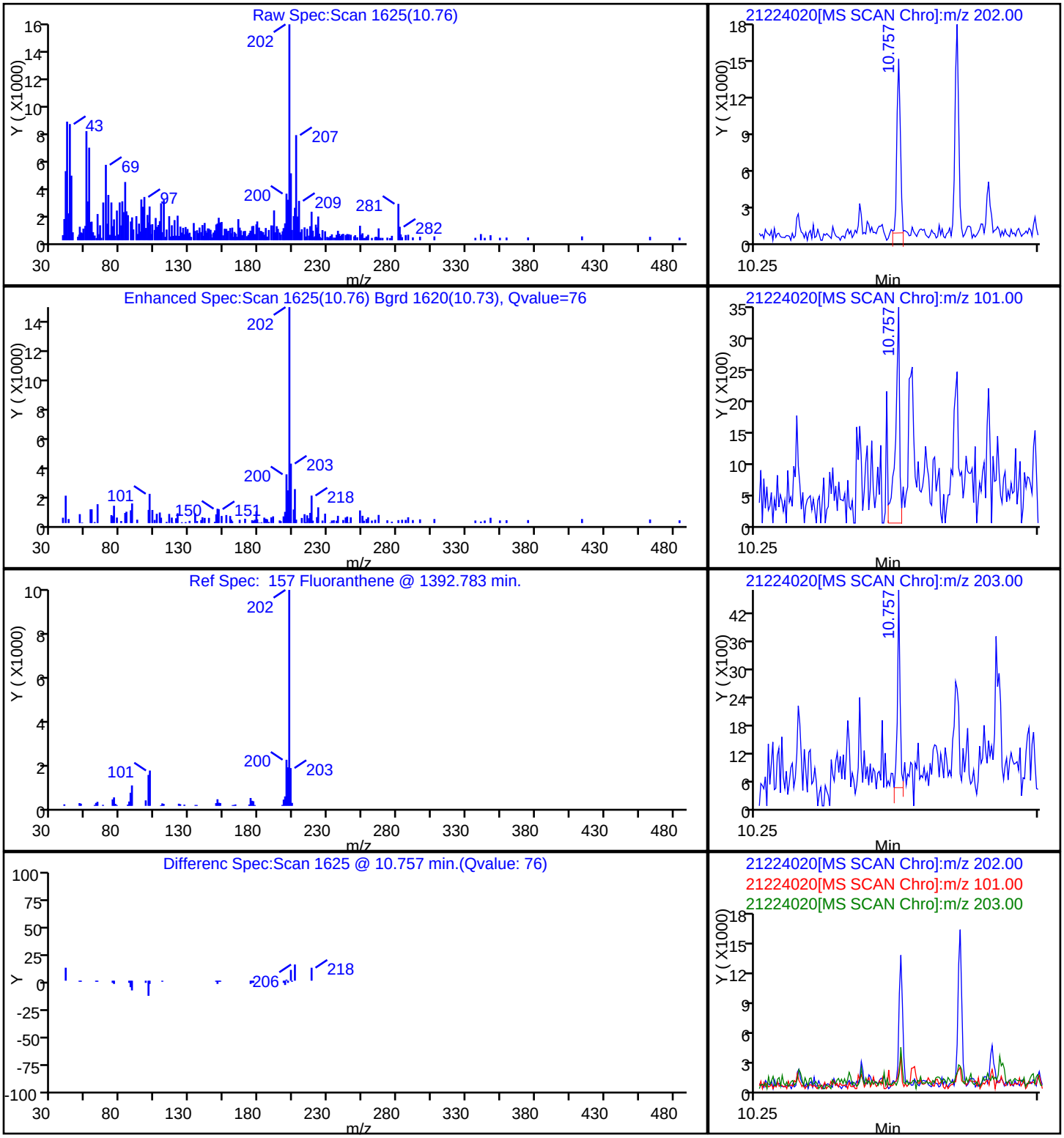


Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224020.D		
Injection Date:	24-Dec-2012 16:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0078-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



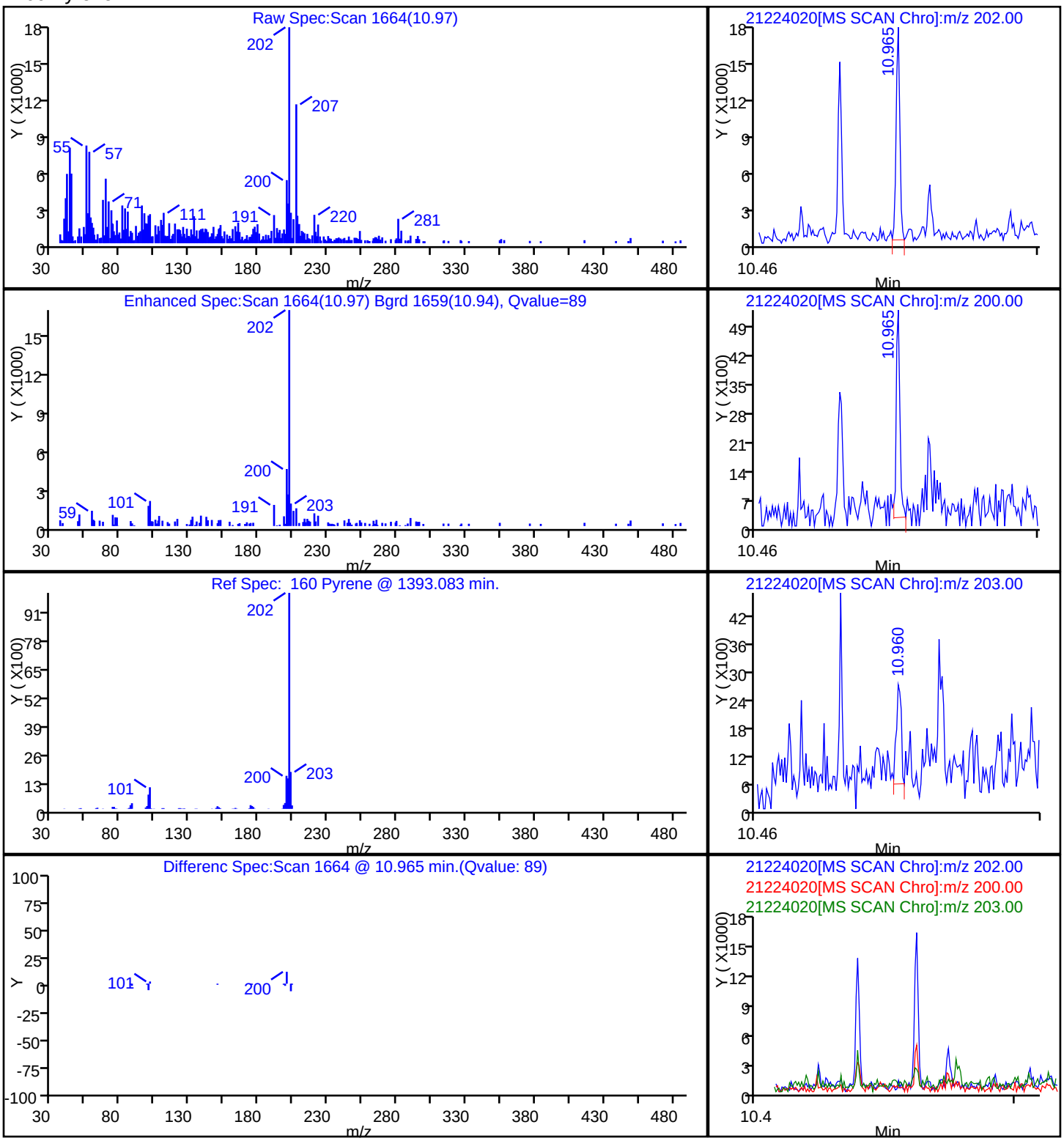
Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224020.D

Injection Date:	24-Dec-2012 16:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0078-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

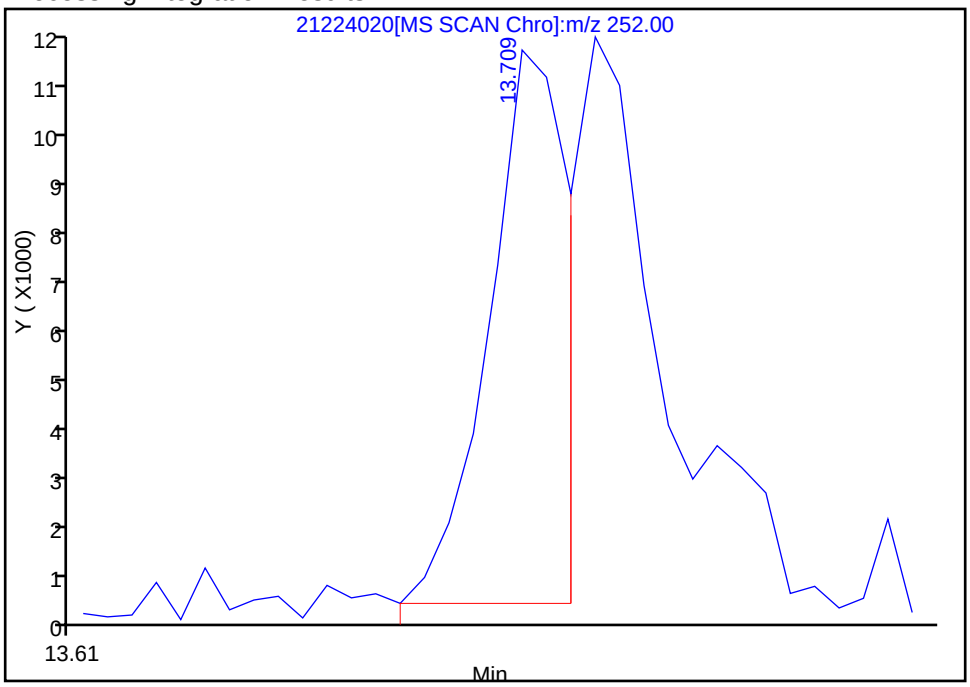
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224020.D		
Injection Date:	24-Dec-2012 16:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0078-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.76

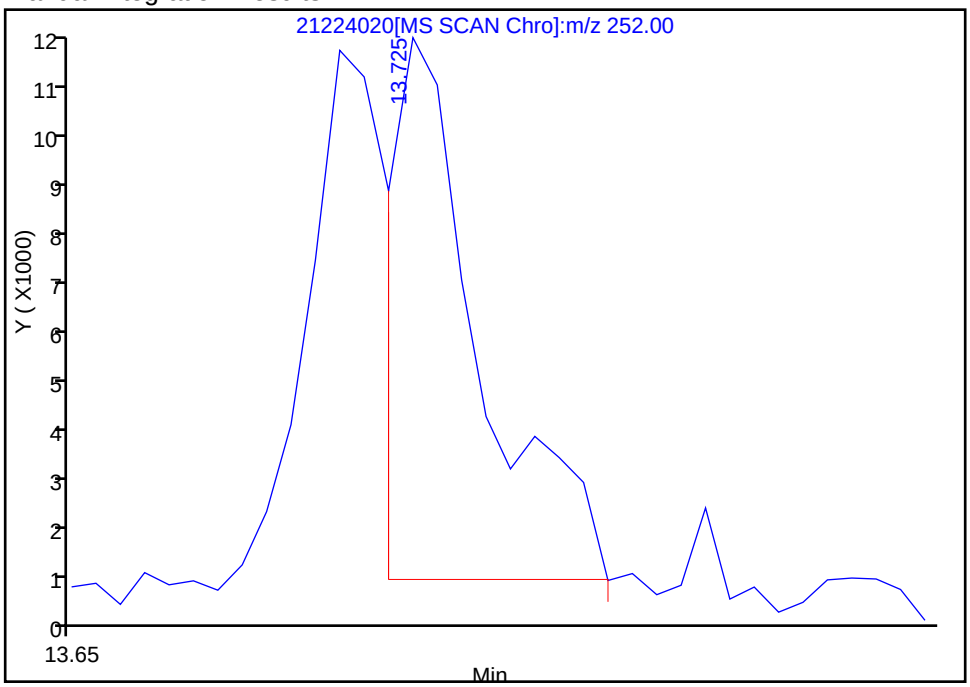
Processing Integration Results

RT: 13.71
Response: 13228
Amount: 0.055757



Manual Integration Results

RT: 13.73
Response: 15198
Amount: 0.064061



Reviewer: gruberj, 26-Dec-2012 12:59:57
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO | Lab Sample ID: 240-18544-19

Matrix: Solid | Lab File ID: 21224006.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:27

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.77(g) | Date Analyzed: 12/24/2012 10:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	670	340	340
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	21	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U J	50	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	81	U J	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO | Lab Sample ID: 240-18544-19

Matrix: Solid | Lab File ID: 21224006.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:27

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.77(g) | Date Analyzed: 12/24/2012 10:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U J	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	5.8	J	6.7	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	400	81	20
91-20-3	Naphthalene	5.8	J	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	3.3	U	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO | Lab Sample ID: 240-18544-19

Matrix: Solid | Lab File ID: 21224006.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:27

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.77(g) | Date Analyzed: 12/24/2012 10:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	53		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	52		35-100
4165-62-2	Phenol-d5 (Surr)	65		40-100
1718-51-0	Terphenyl-d14 (Surr)	59		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	58		35-125

Report Date: 26-Dec-2012 13:04:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224006.D		
Lims ID:	240-18544-U-19-G	Client ID:	076SB-0100M-0001-SO
Inject. Date:	24-Dec-2012 10:47:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016144-006		
Misc. Info.:	240-18544-U-19-G		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	69977	Lims Sample ID:	6
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m		
Last Update:	26-Dec-2012 13:04:10	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK017		

First Level Reviewer: gruberj Date: 24-Dec-2012 11:18:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.889	5.873	0.016	97	224941	4.00	
* 2 Naphthalene-d8	136	6.996	6.991	0.005	99	867312	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	90	520198	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	820752	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	98	872254	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	96	690190	4.00	
$ 7 2-Fluorophenol	112	4.771	4.616	0.155	92	674168	9.77	
$ 8 Phenol-d5	99	5.542	5.515	0.027	90	892749	9.72	
$ 9 Nitrobenzene-d5	82	6.371	6.360	0.011	94	494552	5.18	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	990896	5.32	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	89	152927	8.74	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	99	1056071	5.92	
41 Phenol	94		5.531					2
44 Bis(2-chloroethyl)ether	93		5.627					9
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					9
48 1,4-Dichlorobenzene	146		5.889					9
49 Benzyl alcohol	108		5.985					
50 1,2-Dichlorobenzene	146		6.028					9
51 2-Methylphenol	108		6.076					
52 2,2'-oxybis[1-chloropropane]	45		6.108					
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					
60 Hexachloroethane	117		6.328					9
61 Nitrobenzene	77		6.376					
63 Isophorone	82		6.579					
65 2-Nitrophenol	139		6.654					9
64 2,4-Dimethylphenol	107		6.670					9
69 Benzoic acid	122		6.729					9
68 Bis(2-chloroethoxy)methane	93		6.756					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128	7.012	7.007	0.005	54	18409	0.0869	
74 4-Chloroaniline	127		7.039					
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					
85 2-Methylnaphthalene	142	7.595	7.595	0.0	70	12008	0.0863	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					9
91 2,4,5-Trichlorophenol	196		7.852					9
98 2-Chloronaphthalene	162		8.013					
100 2-Nitroaniline	65		8.082					
103 Dimethyl phthalate	163		8.221					
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					
108 3-Nitroaniline	138		8.424					9
110 Acenaphthene	153		8.510					9
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					9
114 Dibenzofuran	168		8.654					
119 Diethyl phthalate	149	8.810	8.809	0.001	91	25272	0.1694	
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					9
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					9
146 Phenanthrene	178		9.756					9
147 Anthracene	178		9.799					
149 Carbazole	167		9.922					9
151 Di-n-butyl phthalate	149	10.179	10.184	-0.005	83	28072	0.1179	
157 Fluoranthene	202		10.762					
160 Pyrene	202		10.965					
166 Butyl benzyl phthalate	149		11.548					
173 3,3'-Dichlorobenzidine	252		12.184					
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	91	26629	0.3165	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					9
178 Di-n-octyl phthalate	149		13.099					9
180 Benzo[b]fluoranthene	252		13.720					9
181 Benzo[k]fluoranthene	252		13.757					9
182 Benzo[a]pyrene	252		14.212					
186 Indeno[1,2,3-cd]pyrene	276		15.923					9
187 Dibenz(a,h)anthracene	278		15.950					
188 Benzo[g,h,i]perylene	276		16.356					

QC Flag Legend

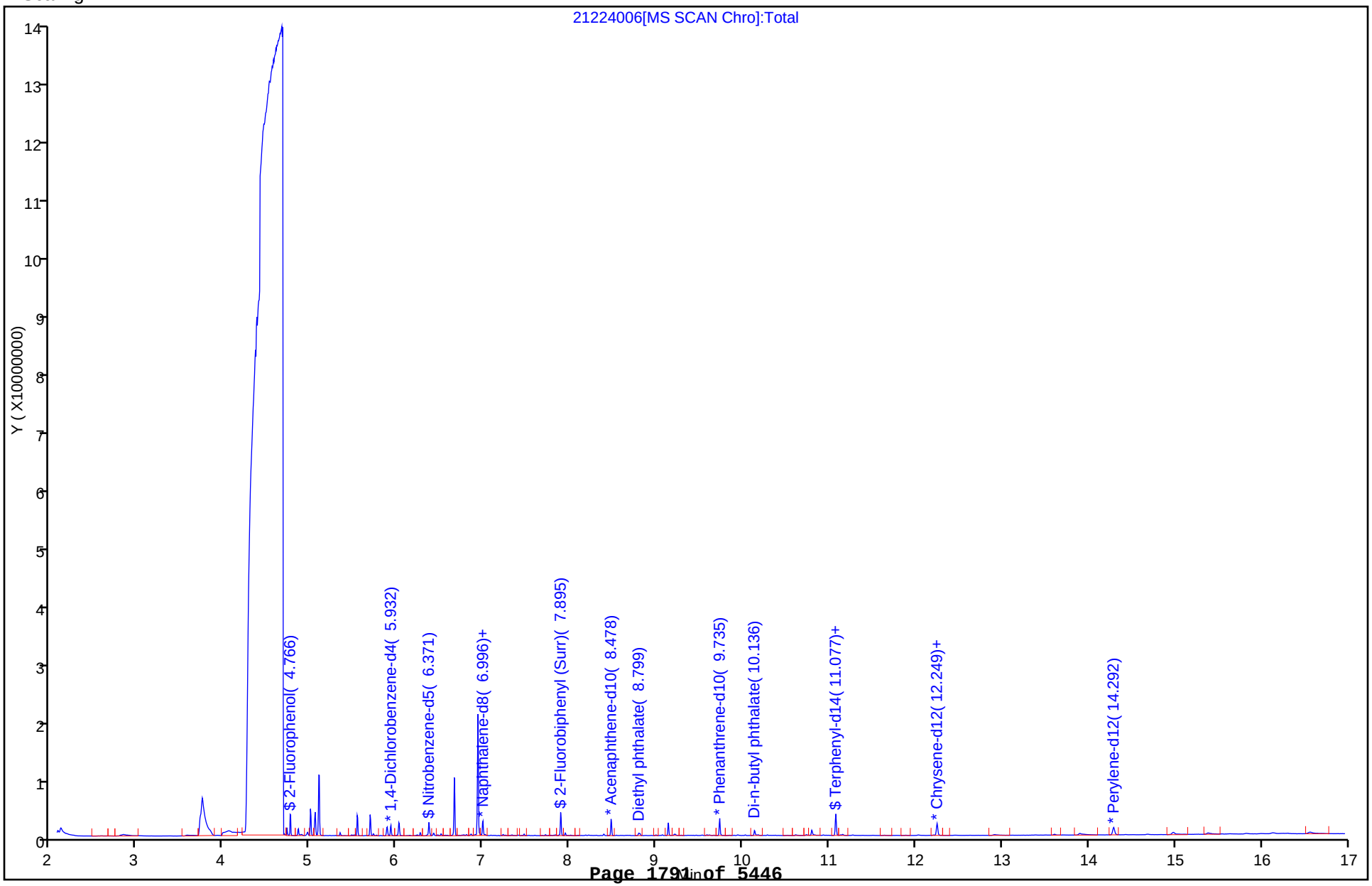
Processing Flags
2 - Failed Coelution Test
9 - Failed A Reference Spectral Test

Report Date: 26-Dec-2012 13:04:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224006.D		
Injection Date:	24-Dec-2012 10:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

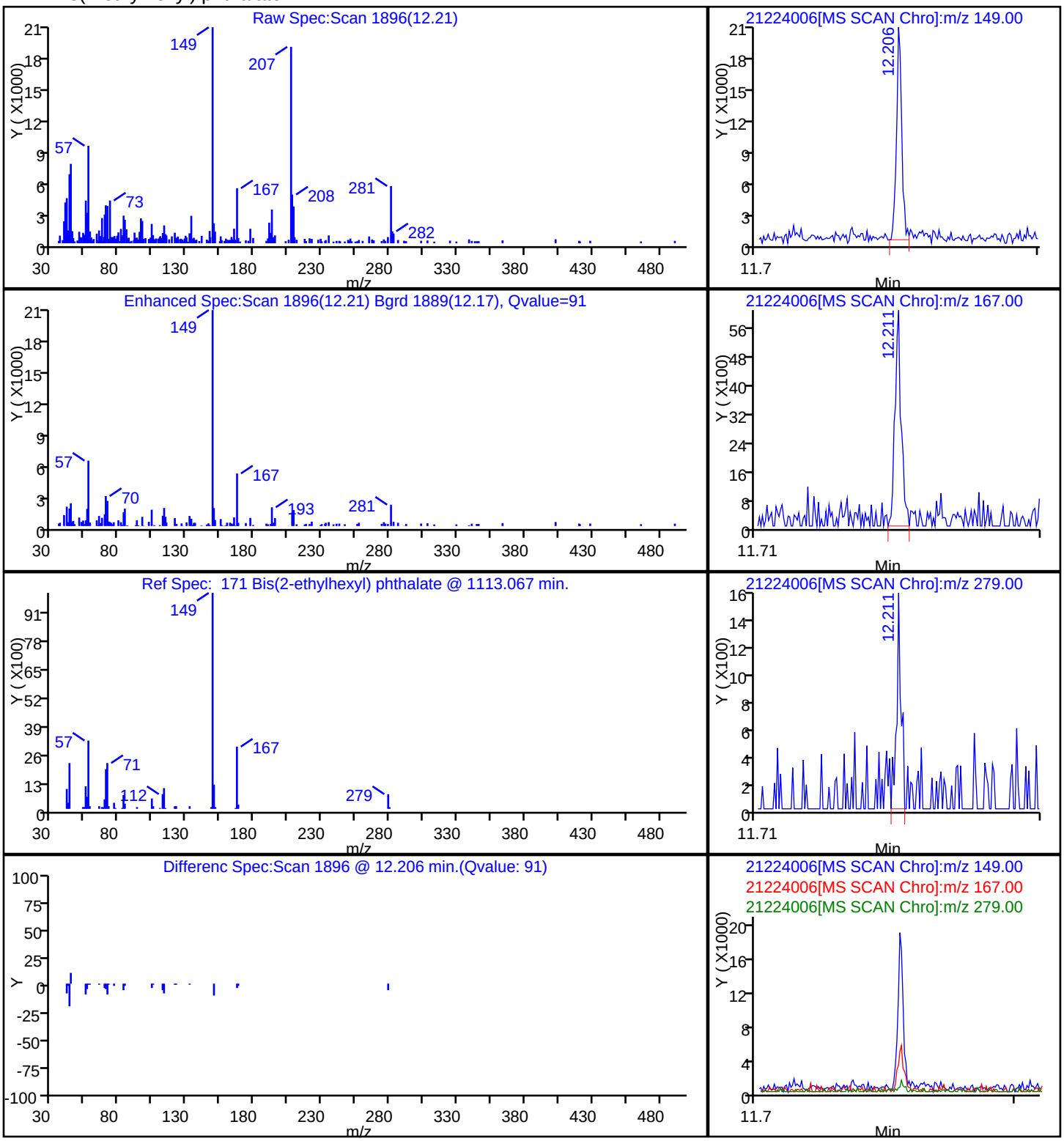


Report Date: 26-Dec-2012 13:04:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224006.D		
Injection Date:	24-Dec-2012 10:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



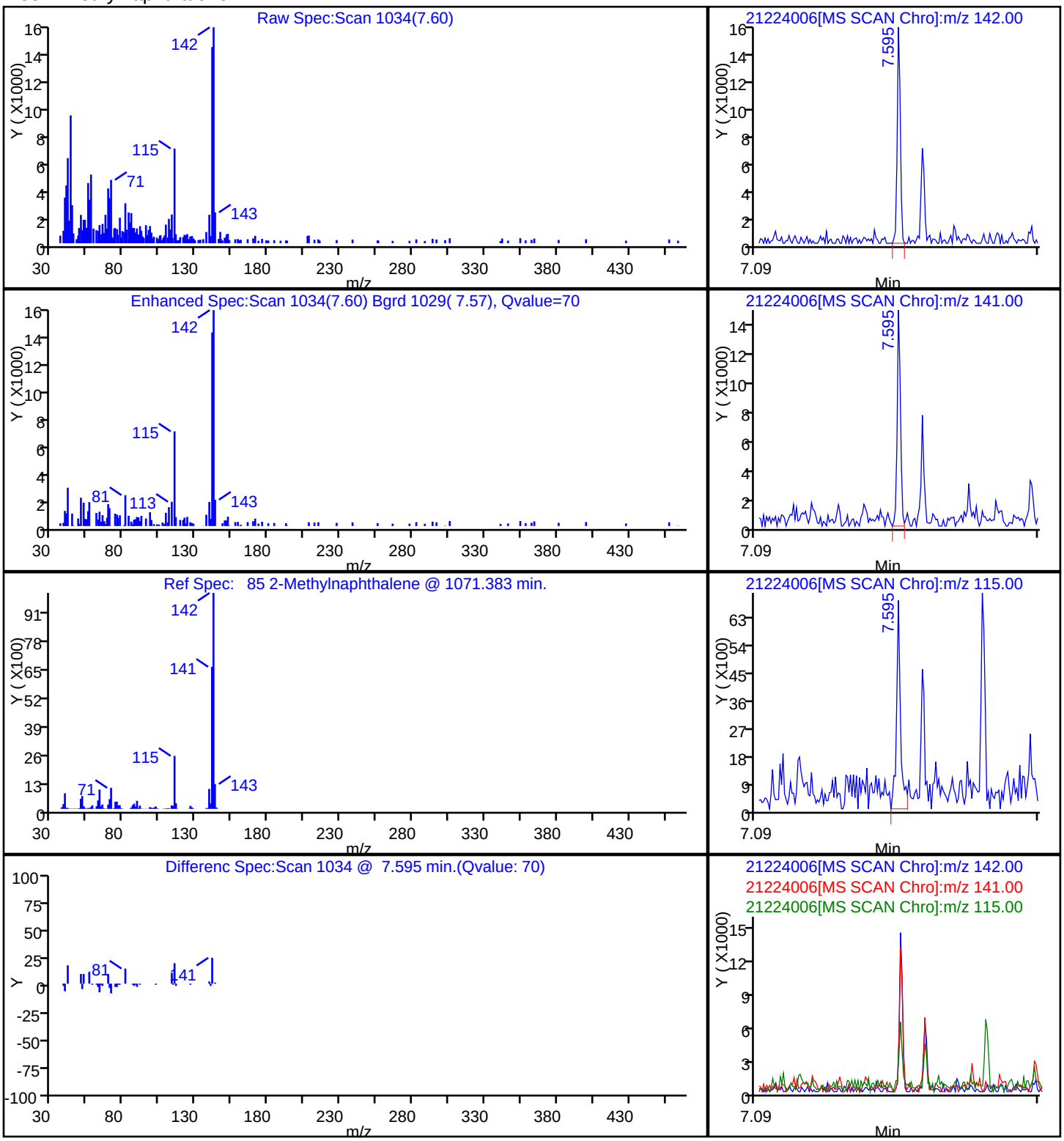
Report Date: 26-Dec-2012 13:04:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224006.D

Injection Date:	24-Dec-2012 10:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

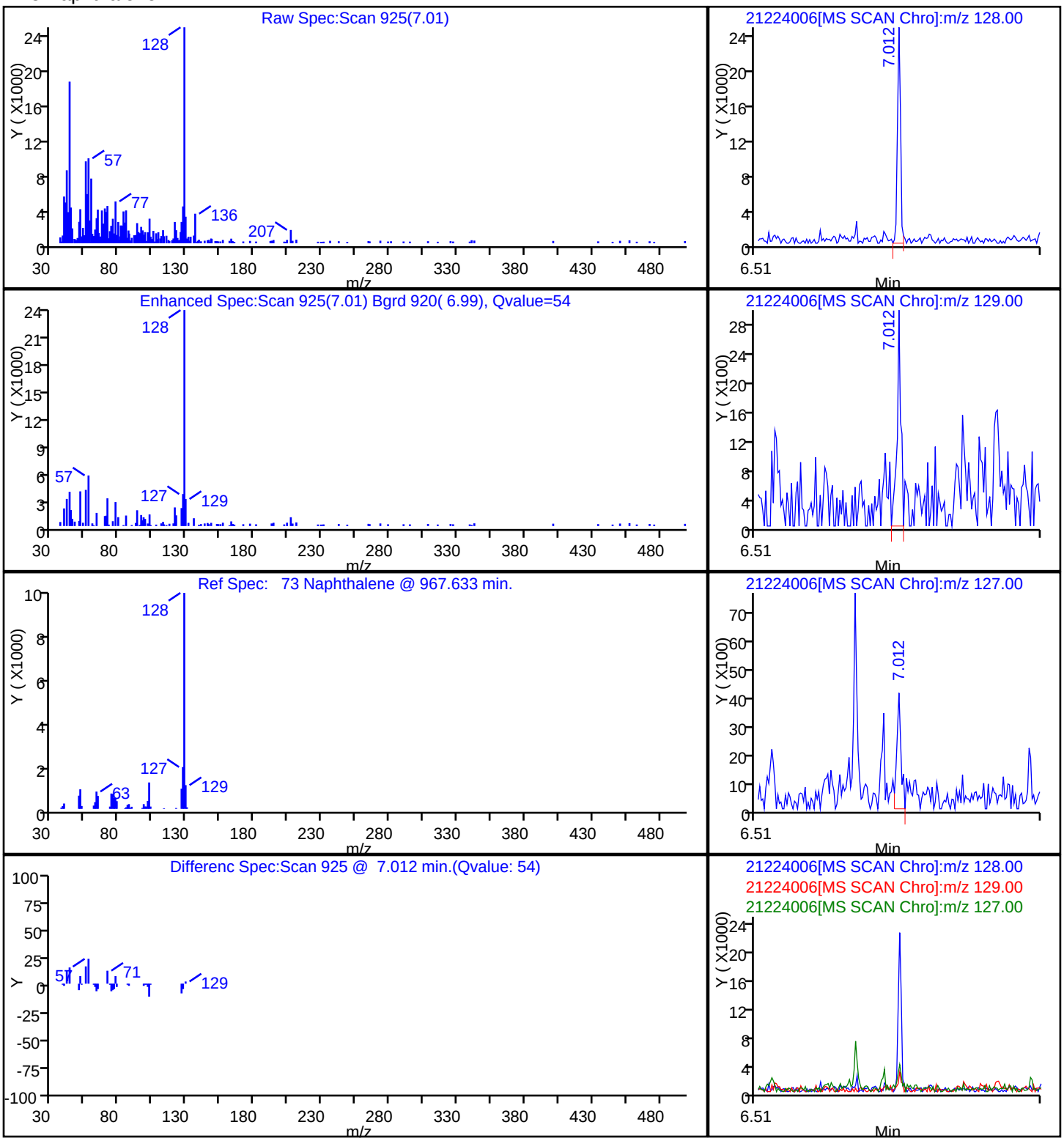


Report Date: 26-Dec-2012 13:04:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224006.D		
Injection Date:	24-Dec-2012 10:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0101M-0001-SO | Lab Sample ID: 240-18544-20

Matrix: Solid | Lab File ID: 21224014.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:27

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.82(g) | Date Analyzed: 12/24/2012 13:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	660	340	340
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	23	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0101M-0001-SO | Lab Sample ID: 240-18544-20

Matrix: Solid | Lab File ID: 21224014.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:27

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.82(g) | Date Analyzed: 12/24/2012 13:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	5.0	J	6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	5.6	J	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0101M-0001-SO | Lab Sample ID: 240-18544-20

Matrix: Solid | Lab File ID: 21224014.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:27

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.82(g) | Date Analyzed: 12/24/2012 13:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	52		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	54		35-100
4165-62-2	Phenol-d5 (Surr)	66		40-100
1718-51-0	Terphenyl-d14 (Surr)	61		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	52		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224014.D
Lims ID: 240-18544-E-20-D
Client ID: 076SB-0101M-0001-SO
Inject. Date: 24-Dec-2012 13:54:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-014
Misc. Info.: 240-18544-E-20-D
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 14
Lims Batch ID: 69977
Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj
Date: 24-Dec-2012 14:21:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.884	5.873	0.011	96	225565	4.00	
* 2 Naphthalene-d8	136	6.991	6.991	0.0	100	891944	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	90	539490	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	97	847430	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	98	864091	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	92	720973	4.00	
$ 7 2-Fluorophenol	112	4.712	4.616	0.096	93	678632	9.81	
$ 8 Phenol-d5	99	5.531	5.515	0.016	97	915009	9.93	
$ 9 Nitrobenzene-d5	82	6.365	6.360	0.005	91	529630	5.39	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	100	1007254	5.21	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	89	140146	7.73	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	99	1085277	6.14	
41 Phenol	94		5.531					9
44 Bis(2-chloroethyl)ether	93		5.627					9
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					
48 1,4-Dichlorobenzene	146	5.895	5.889	0.005	69	11075	0.1348	
49 Benzyl alcohol	108		5.985					
50 1,2-Dichlorobenzene	146		6.028					9
51 2-Methylphenol	108		6.076					9
52 2,2'-oxybis[1-chloropropane]	45		6.108					
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					
60 Hexachloroethane	117		6.328					9
61 Nitrobenzene	77		6.376					
63 Isophorone	82		6.579					
65 2-Nitrophenol	139		6.654					9
64 2,4-Dimethylphenol	107		6.670					9
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128	7.012	7.007	0.005	82	18262	0.0838	
74 4-Chloroaniline	127		7.039					9
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					
85 2-Methylnaphthalene	142	7.595	7.595	0.0	75	10754	0.0752	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					
98 2-Chloronaphthalene	162		8.013					
100 2-Nitroaniline	65		8.082					9
103 Dimethyl phthalate	163		8.221					
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					9
108 3-Nitroaniline	138		8.424					9
110 Acenaphthene	153		8.510					
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					9
114 Dibenzofuran	168		8.654					
119 Diethyl phthalate	149	8.810	8.809	0.001	75	18887	0.1221	
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					9
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					
146 Phenanthrene	178		9.756					9
147 Anthracene	178		9.799					9
149 Carbazole	167		9.922					9
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202		10.762					
160 Pyrene	202		10.965					9
166 Butyl benzyl phthalate	149		11.548					9
173 3,3'-Dichlorobenzidine	252		12.184					
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	90	30426	0.3441	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					9
178 Di-n-octyl phthalate	149		13.099					
180 Benzo[b]fluoranthene	252		13.720					
181 Benzo[k]fluoranthene	252		13.757					
182 Benzo[a]pyrene	252		14.212					
186 Indeno[1,2,3-cd]pyrene	276		15.923					9
187 Dibenz(a,h)anthracene	278		15.950					
188 Benzo[g,h,i]perylene	276		16.356					9

QC Flag Legend

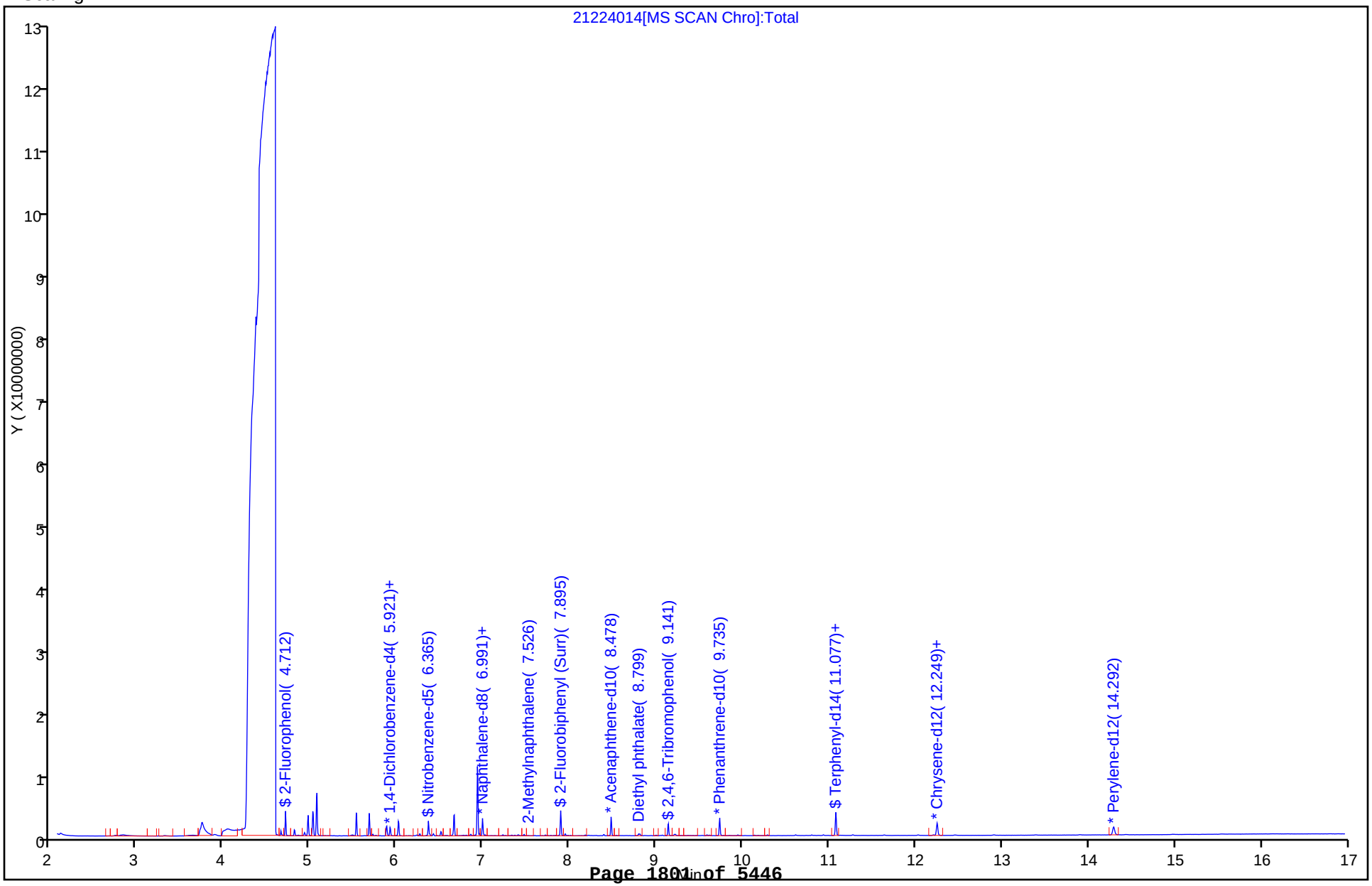
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 26-Dec-2012 13:04:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224014.D		
Injection Date:	24-Dec-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0101M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

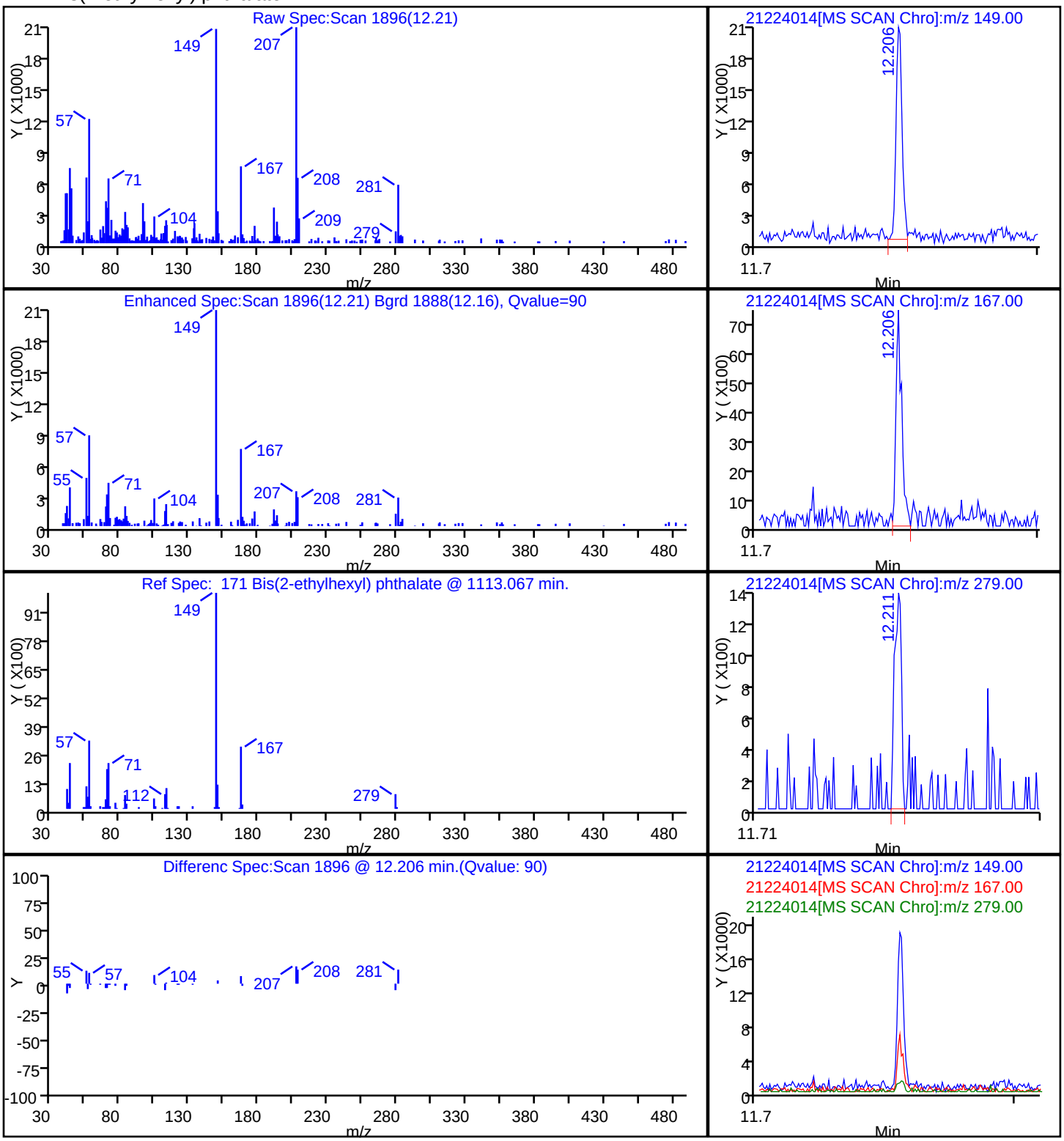


Report Date: 26-Dec-2012 13:04:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224014.D		
Injection Date:	24-Dec-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0101M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



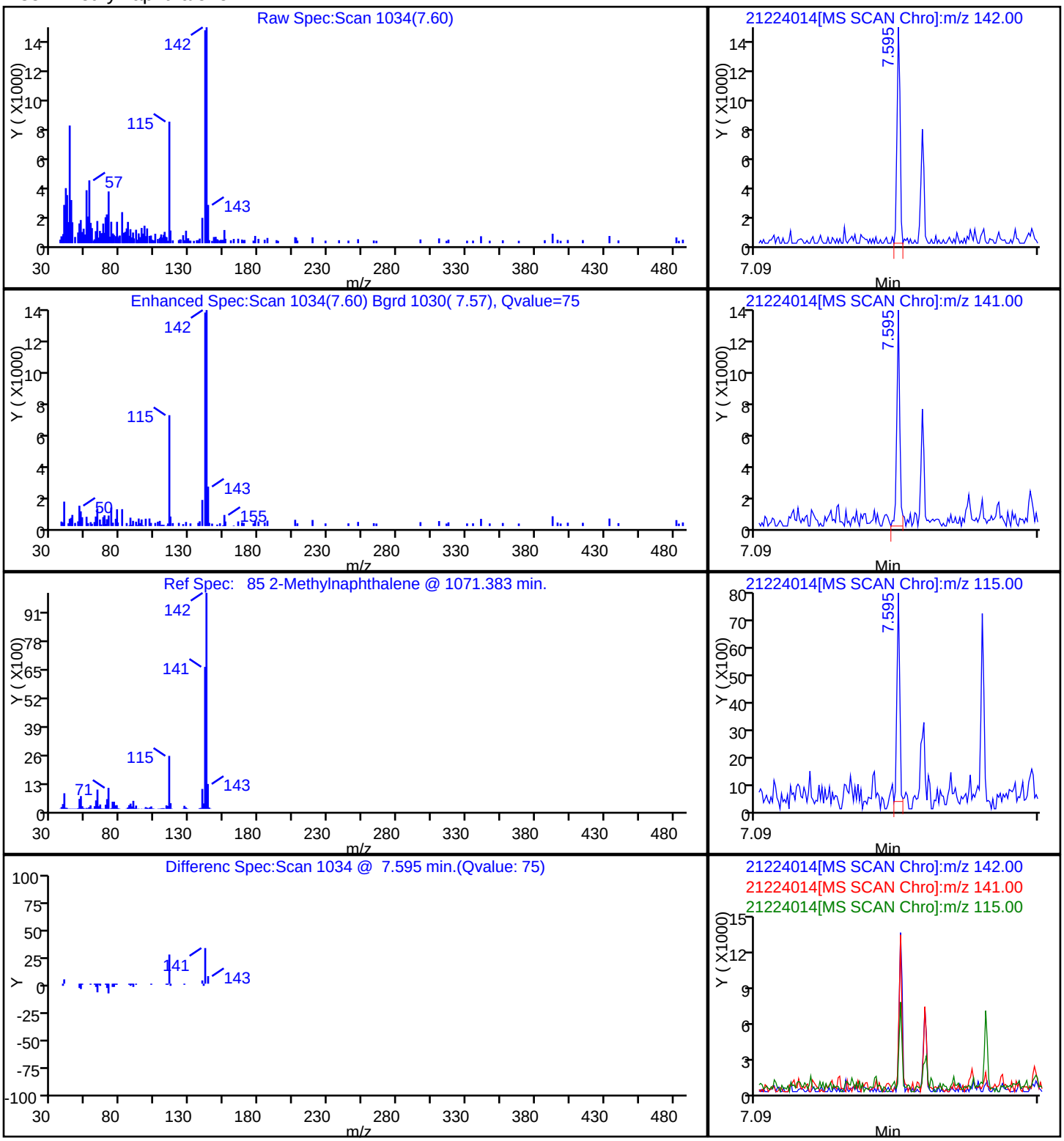
Report Date: 26-Dec-2012 13:04:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224014.D

Injection Date:	24-Dec-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0101M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



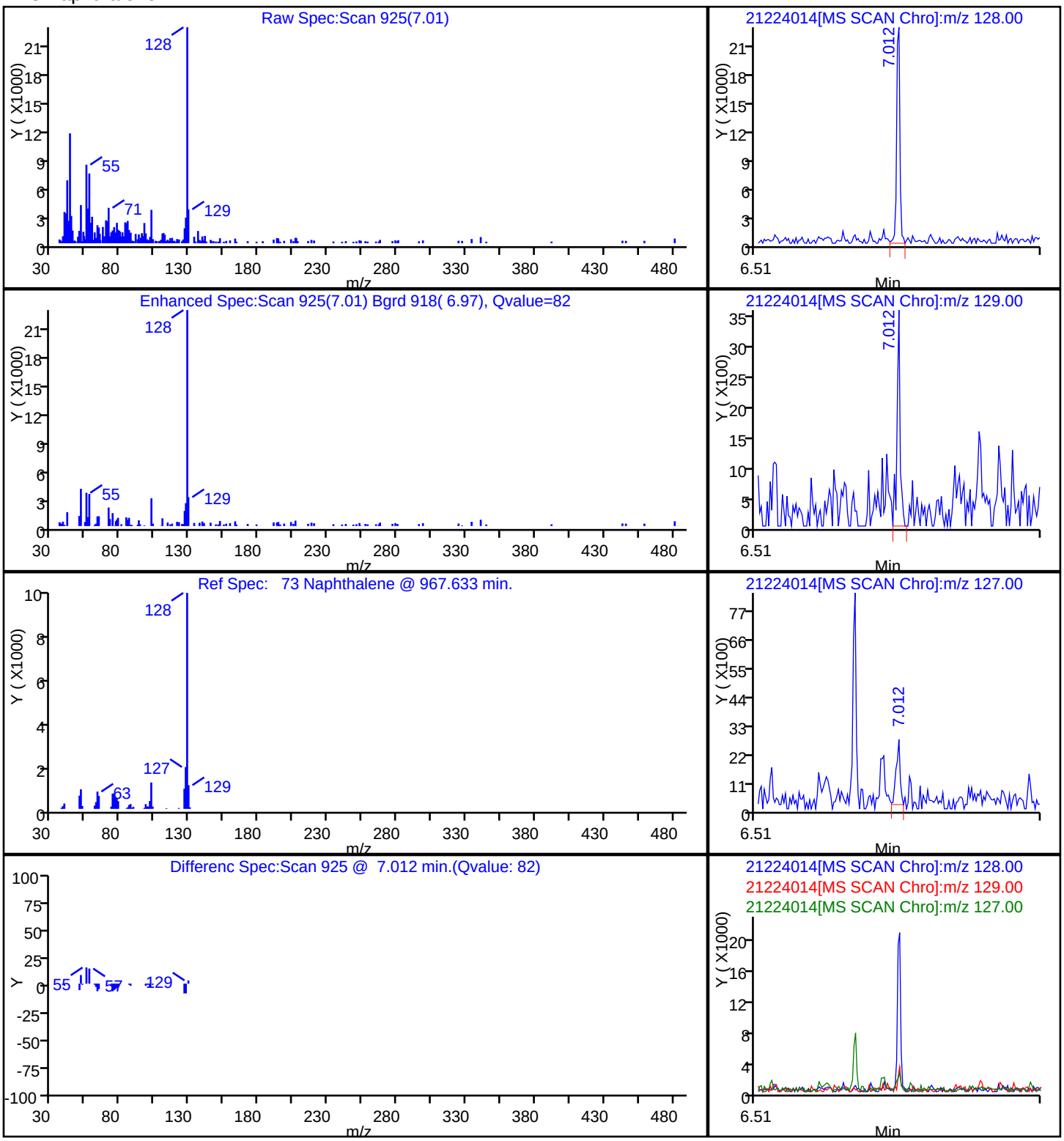
Report Date: 26-Dec-2012 13:04:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224014.D

Injection Date:	24-Dec-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0101M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0102M-0001-SO | Lab Sample ID: 240-18544-21

Matrix: Solid | Lab File ID: 21224013.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:45

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.76(g) | Date Analyzed: 12/24/2012 13:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	670	340	340
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	27	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0102M-0001-SO | Lab Sample ID: 240-18544-21

Matrix: Solid | Lab File ID: 21224013.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:45

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.76(g) | Date Analyzed: 12/24/2012 13:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	4.9	J	6.7	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	400	81	20
91-20-3	Naphthalene	4.8	J	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	3.3	U	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0102M-0001-SO | Lab Sample ID: 240-18544-21

Matrix: Solid | Lab File ID: 21224013.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:45

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.76(g) | Date Analyzed: 12/24/2012 13:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	52		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	49		35-100
4165-62-2	Phenol-d5 (Surr)	66		40-100
1718-51-0	Terphenyl-d14 (Surr)	59		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	61		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224013.D
Lims ID: 240-18544-E-21-D
Client ID: 076SB-0102M-0001-SO
Inject. Date: 24-Dec-2012 13:31:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-013
Misc. Info.: 240-18544-E-21-D
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 13
Lims Batch ID: 69977
Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj
Date: 24-Dec-2012 14:21:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.889	5.873	0.016	96	226624	4.00	
* 2 Naphthalene-d8	136	6.996	6.991	0.005	100	915149	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	91	534450	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	855414	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	98	883049	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	95	762819	4.00	
$ 7 2-Fluorophenol	112	4.787	4.616	0.171	92	673408	9.69	
$ 8 Phenol-d5	99	5.547	5.515	0.032	96	918865	9.93	
$ 9 Nitrobenzene-d5	82	6.371	6.360	0.011	94	489709	4.86	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	997753	5.21	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	87	163495	9.10	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	98	1069690	5.92	
41 Phenol	94		5.531					9
44 Bis(2-chloroethyl)ether	93		5.627					9
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					9
48 1,4-Dichlorobenzene	146	5.905	5.889	0.016	58	9885	0.1198	
49 Benzyl alcohol	108		5.985					
50 1,2-Dichlorobenzene	146		6.028					
51 2-Methylphenol	108		6.076					
52 2,2'-oxybis[1-chloropropane]	45		6.108					9
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					
60 Hexachloroethane	117		6.328					9
61 Nitrobenzene	77		6.376					9
63 Isophorone	82		6.579					
65 2-Nitrophenol	139		6.654					9
64 2,4-Dimethylphenol	107		6.670					9
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128	7.012	7.007	0.005	62	15991	0.0715	
74 4-Chloroaniline	127		7.039					9
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					
85 2-Methylnaphthalene	142	7.595	7.595	0.0	68	10613	0.0723	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					9
91 2,4,5-Trichlorophenol	196		7.852					9
98 2-Chloronaphthalene	162		8.013					
100 2-Nitroaniline	65		8.082					9
103 Dimethyl phthalate	163		8.221					
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					9
108 3-Nitroaniline	138		8.424					9
110 Acenaphthene	153		8.510					
109 2,4-Dinitrophenol	184		8.510					9
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					9
114 Dibenzofuran	168		8.654					
119 Diethyl phthalate	149	8.810	8.809	0.001	79	20302	0.1325	
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					9
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					
146 Phenanthrene	178		9.756					9
147 Anthracene	178		9.799					9
149 Carbazole	167		9.922					9
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202		10.762					
160 Pyrene	202		10.965					
166 Butyl benzyl phthalate	149		11.548					
173 3,3'-Dichlorobenzidine	252		12.184					
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	94	39754	0.4020	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					9
178 Di-n-octyl phthalate	149		13.099					9
180 Benzo[b]fluoranthene	252		13.720					
181 Benzo[k]fluoranthene	252		13.757					
182 Benzo[a]pyrene	252		14.212					9
186 Indeno[1,2,3-cd]pyrene	276		15.923					9
187 Dibenz(a,h)anthracene	278		15.950					9
188 Benzo[g,h,i]perylene	276		16.356					9

QC Flag Legend

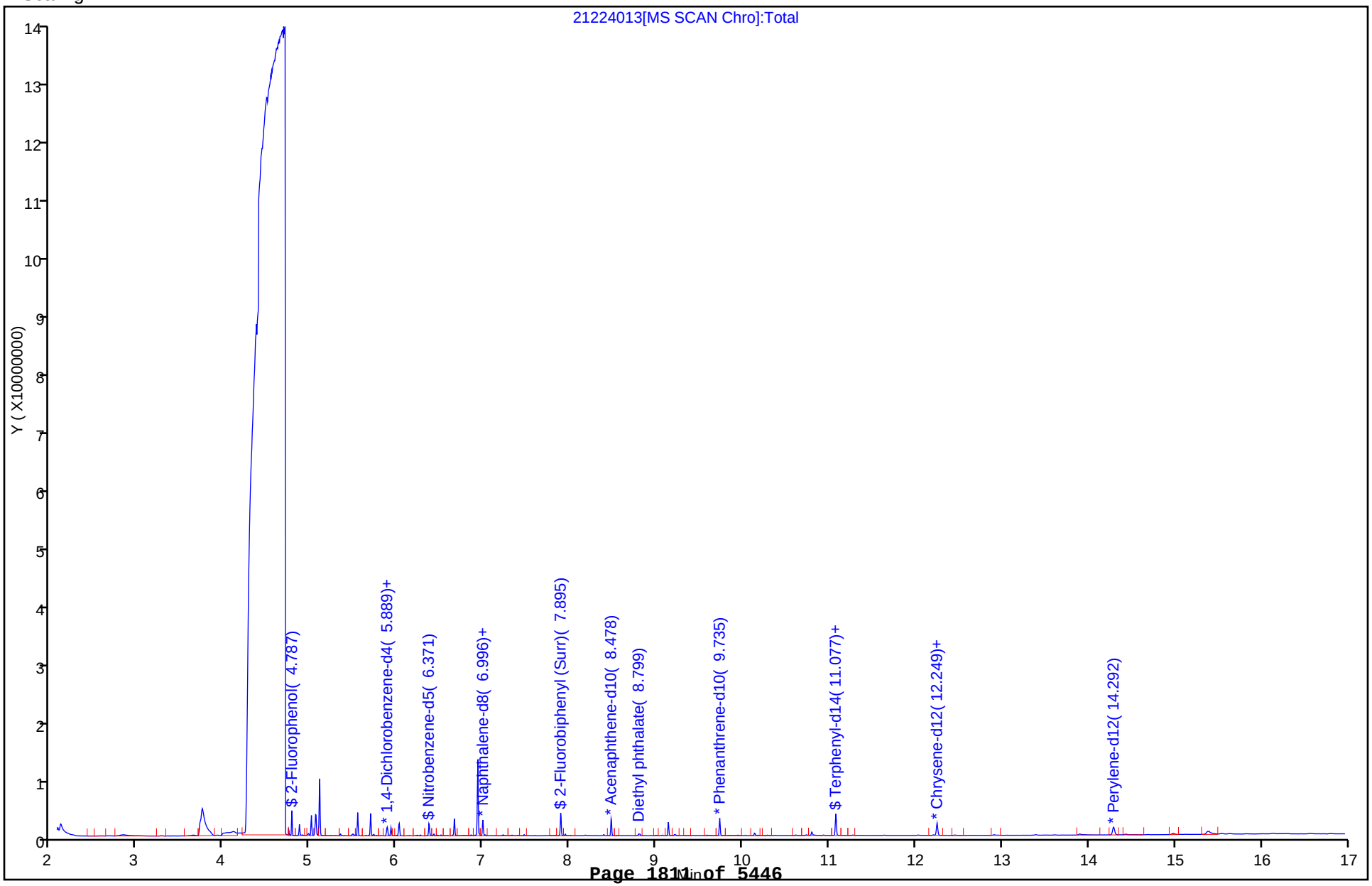
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 26-Dec-2012 13:04:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224013.D		
Injection Date:	24-Dec-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0102M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



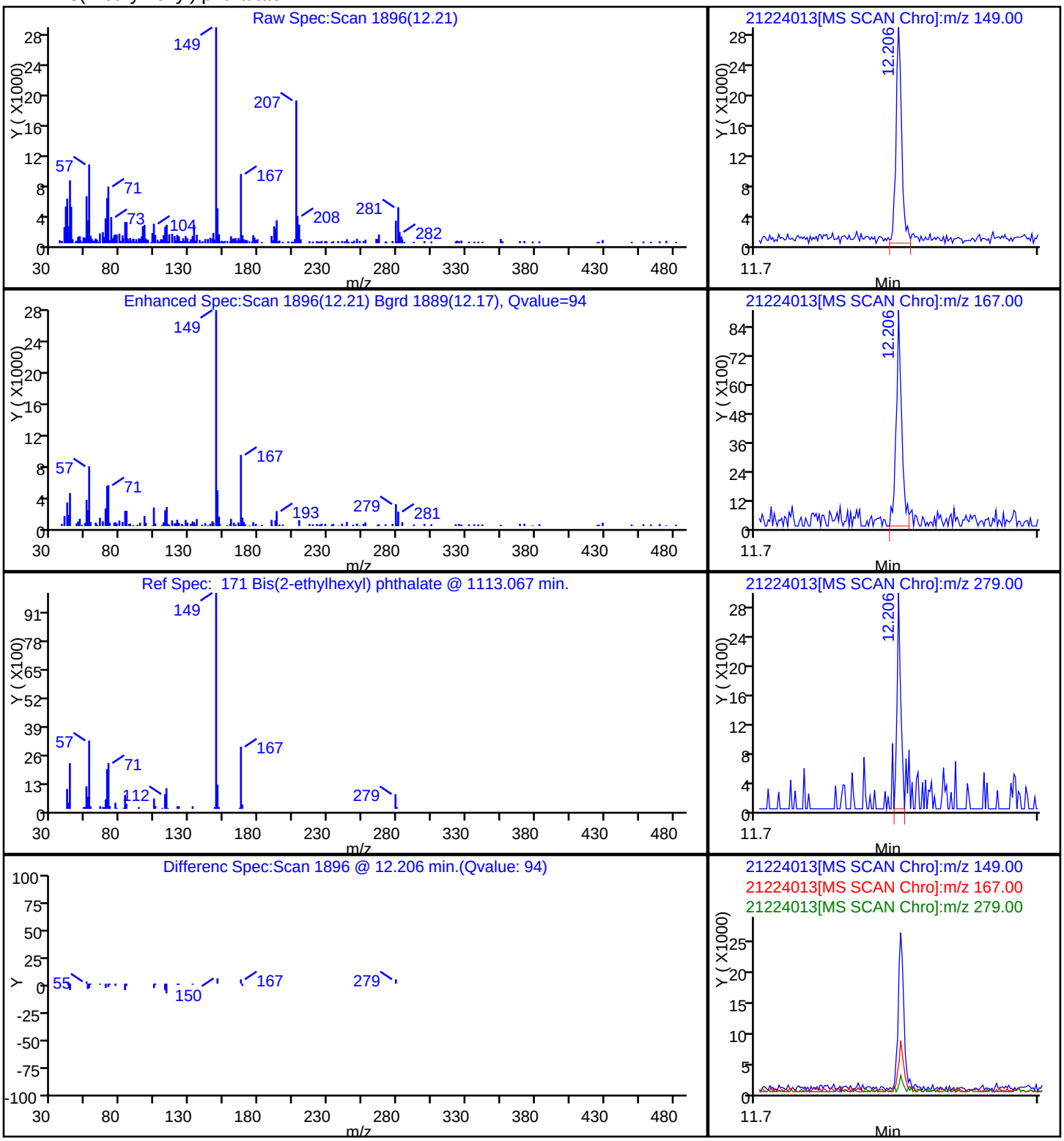
Report Date: 26-Dec-2012 13:04:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224013.D

Injection Date:	24-Dec-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0102M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



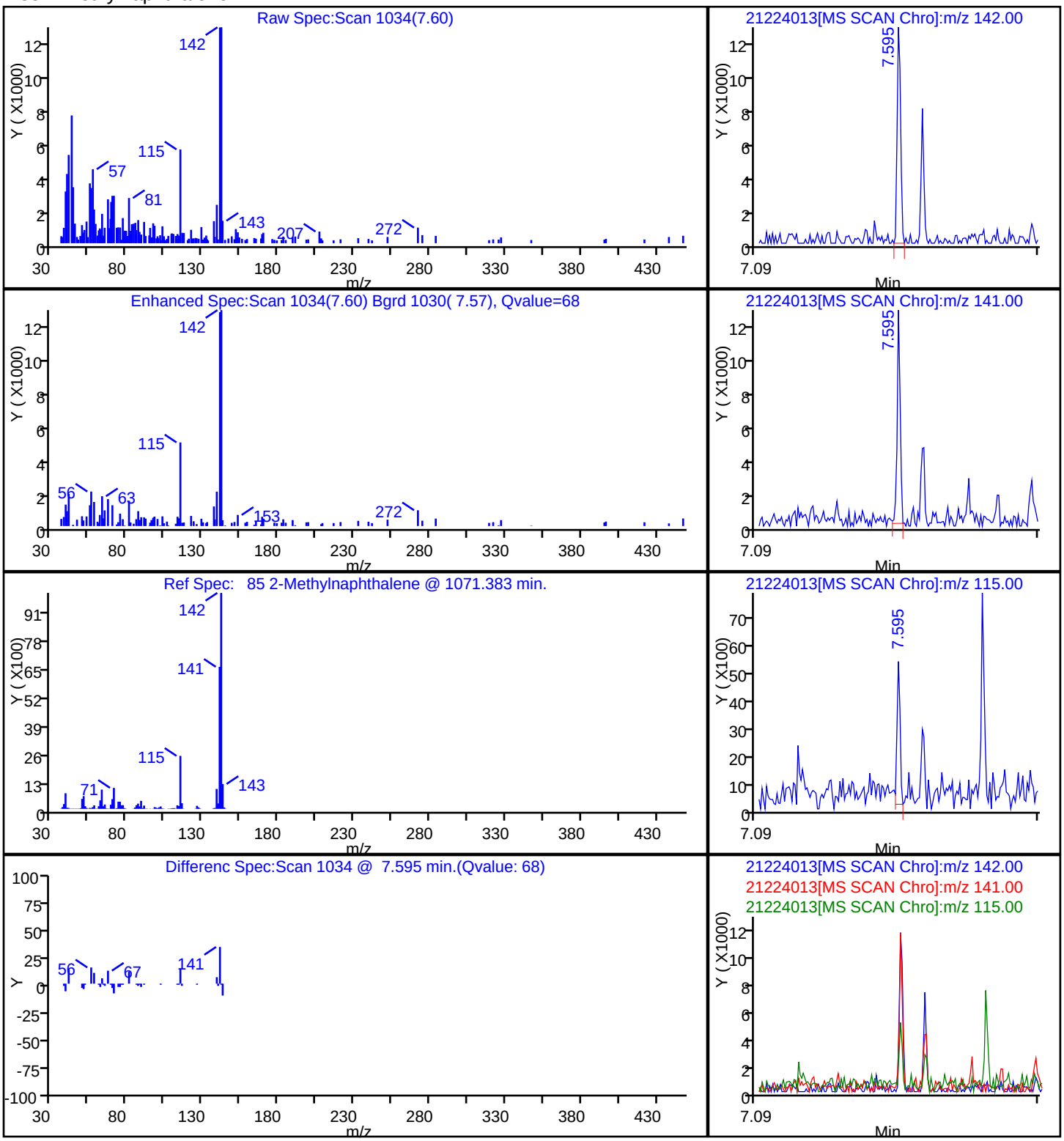
Report Date: 26-Dec-2012 13:04:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224013.D

Injection Date:	24-Dec-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0102M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

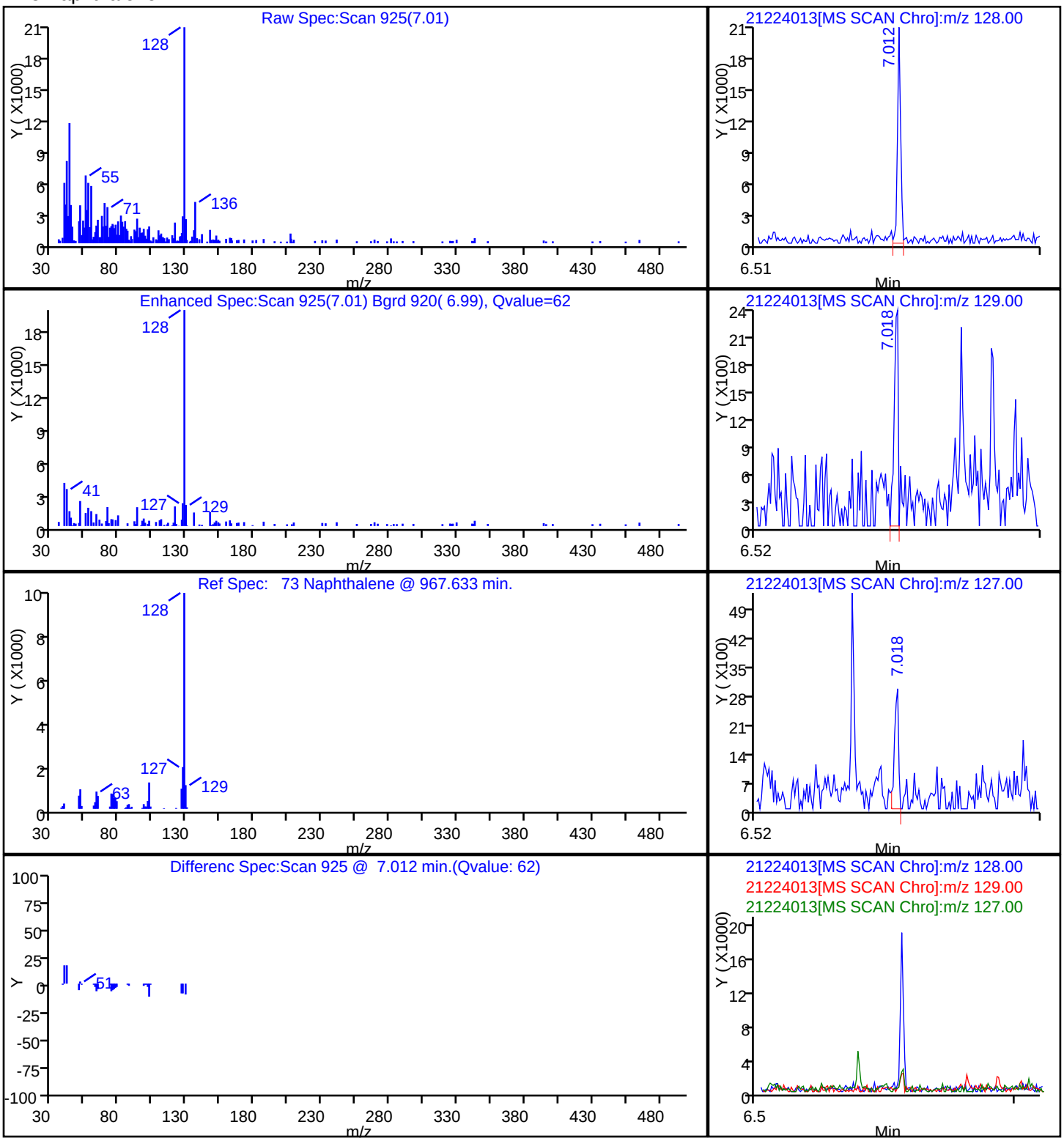


Report Date: 26-Dec-2012 13:04:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224013.D		
Injection Date:	24-Dec-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0102M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0103M-0001-SO | Lab Sample ID: 240-18544-22

Matrix: Solid | Lab File ID: 21224012.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:45

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.14(g) | Date Analyzed: 12/24/2012 13:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	3.3	U	6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	20	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0103M-0001-SO | Lab Sample ID: 240-18544-22

Matrix: Solid | Lab File ID: 21224012.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:45

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.14(g) | Date Analyzed: 12/24/2012 13:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.6	3.3	3.3
86-73-7	Fluorene	3.3	U	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.6	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.7	J	6.6	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	4.7	J	6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.7	J	6.6	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0103M-0001-SO | Lab Sample ID: 240-18544-22

Matrix: Solid | Lab File ID: 21224012.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:45

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.14(g) | Date Analyzed: 12/24/2012 13:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	48		45-105
367-12-4	2-Fluorophenol (Surr)	62		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	46		35-100
4165-62-2	Phenol-d5 (Surr)	62		40-100
1718-51-0	Terphenyl-d14 (Surr)	58		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	61		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224012.D
Lims ID: 240-18544-E-22-D
Client ID: 076SB-0103M-0001-SO
Inject. Date: 24-Dec-2012 13:07:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-012
Misc. Info.: 240-18544-E-22-D
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 12
Lims Batch ID: 69977
Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj
Date: 24-Dec-2012 13:29:46

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.889	5.873	0.016	94	230231	4.00	
* 2 Naphthalene-d8	136	6.996	6.991	0.005	99	933630	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	92	549814	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	869490	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	97	897844	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	90	751287	4.00	
$ 7 2-Fluorophenol	112	4.771	4.616	0.155	93	660421	9.35	
$ 8 Phenol-d5	99	5.542	5.515	0.027	91	875006	9.31	
$ 9 Nitrobenzene-d5	82	6.371	6.360	0.011	93	477108	4.64	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	936513	4.75	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	88	169629	9.18	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	99	1063663	5.79	
41 Phenol	94		5.531					9
44 Bis(2-chloroethyl)ether	93		5.627					9
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					
48 1,4-Dichlorobenzene	146	5.900	5.889	0.011	60	9069	0.1082	
49 Benzyl alcohol	108		5.985					
50 1,2-Dichlorobenzene	146		6.028					
51 2-Methylphenol	108		6.076					
52 2,2'-oxybis[1-chloropropane]	45		6.108					
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					
60 Hexachloroethane	117		6.328					
61 Nitrobenzene	77		6.376					9
63 Isophorone	82		6.579					
65 2-Nitrophenol	139		6.654					9
64 2,4-Dimethylphenol	107		6.670					
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128	7.012	7.007	0.005	50	16052	0.0704	
74 4-Chloroaniline	127		7.039					9
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					9
85 2-Methylnaphthalene	142	7.595	7.595	0.0	87	8443	0.0564	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					
98 2-Chloronaphthalene	162		8.013					9
100 2-Nitroaniline	65		8.082					
103 Dimethyl phthalate	163		8.221					
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					9
108 3-Nitroaniline	138		8.424					
110 Acenaphthene	153		8.510					
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					
114 Dibenzofuran	168		8.654					
119 Diethyl phthalate	149		8.809					
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					9
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					
146 Phenanthrene	178	9.751	9.756	-0.005	56	13179	0.0565	
147 Anthracene	178		9.799					
149 Carbazole	167		9.922					
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202		10.762					9
160 Pyrene	202		10.965					
166 Butyl benzyl phthalate	149		11.548					9
173 3,3'-Dichlorobenzidine	252		12.184					
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	85	25581	0.3045	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					9
178 Di-n-octyl phthalate	149		13.099					
180 Benzo[b]fluoranthene	252		13.720					
181 Benzo[k]fluoranthene	252		13.757					
182 Benzo[a]pyrene	252		14.212					9
186 Indeno[1,2,3-cd]pyrene	276		15.923					
187 Dibenz(a,h)anthracene	278		15.950					
188 Benzo[g,h,i]perylene	276		16.356					9

QC Flag Legend

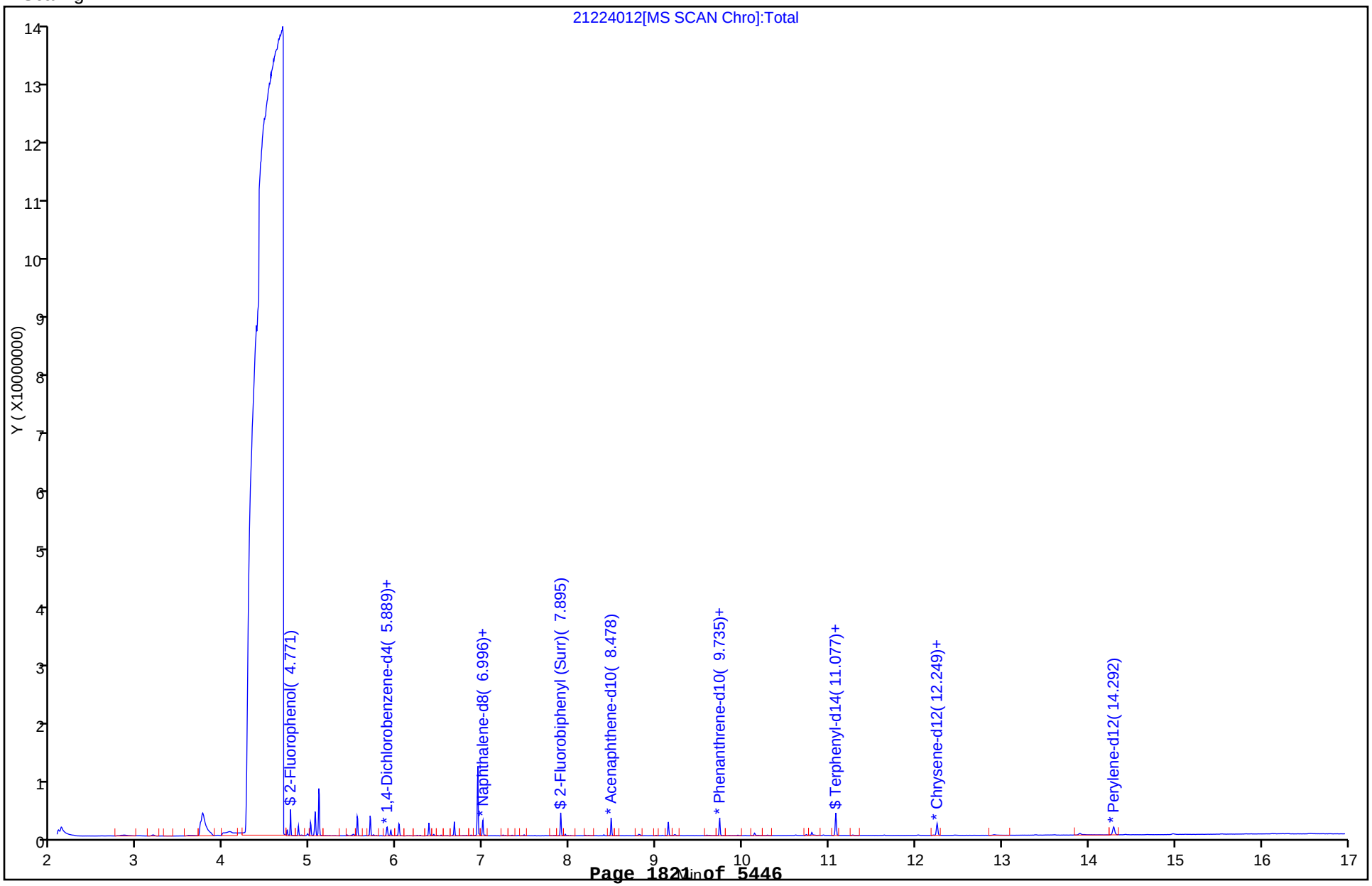
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 26-Dec-2012 13:04:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224012.D		
Injection Date:	24-Dec-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0103M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



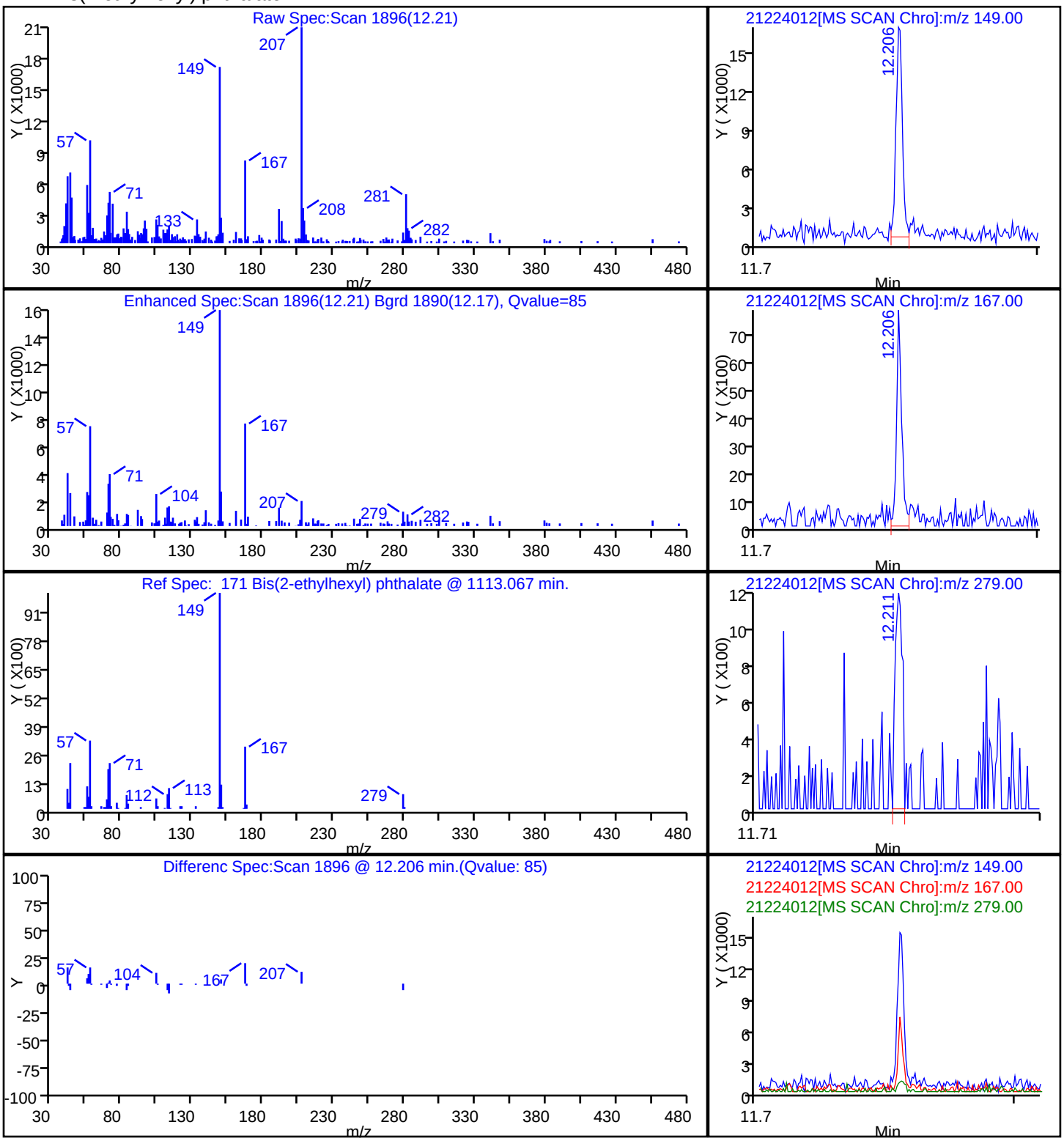
Report Date: 26-Dec-2012 13:04:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224012.D

Injection Date:	24-Dec-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0103M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



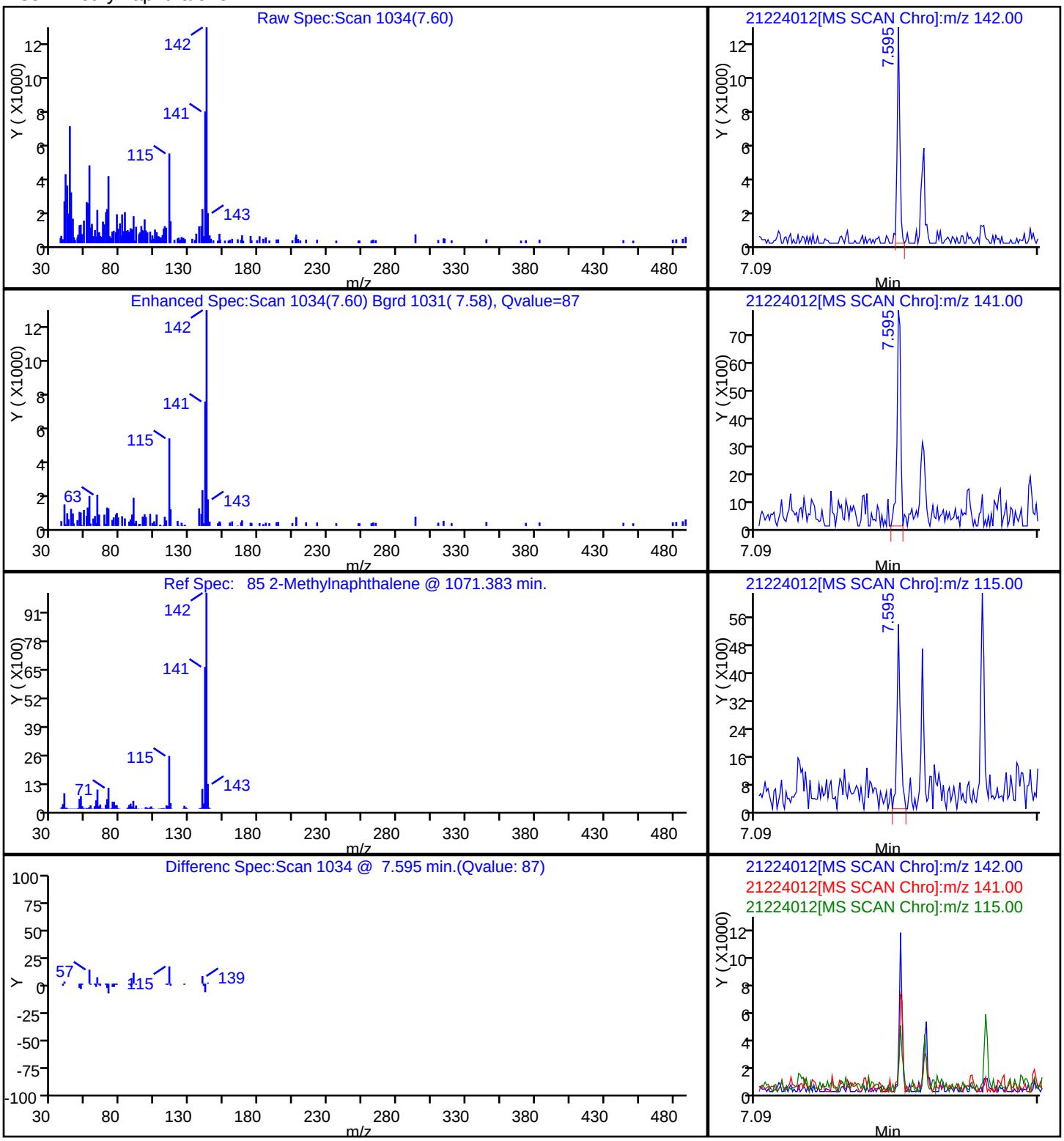
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224012.D

Injection Date:	24-Dec-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0103M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



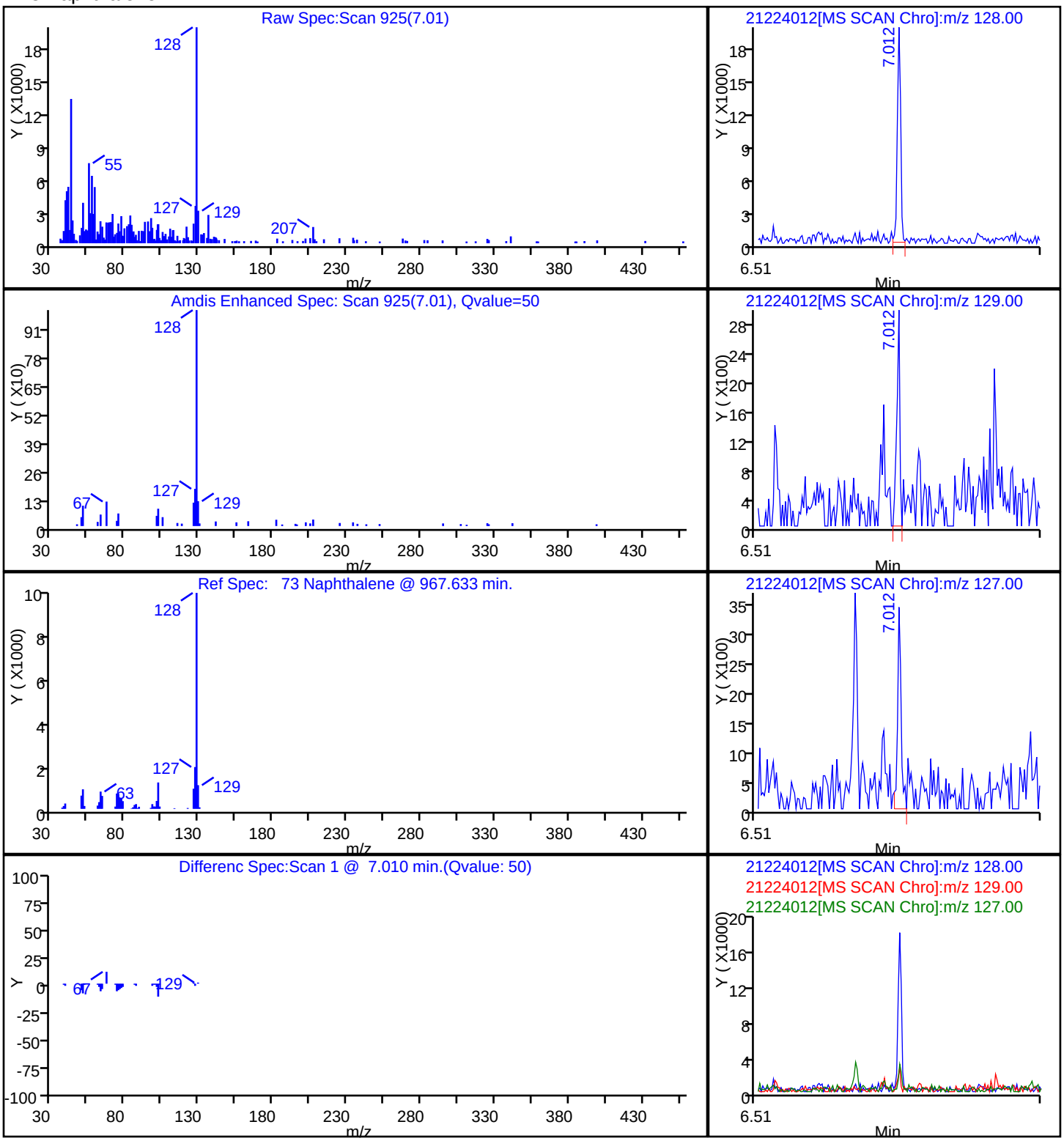
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224012.D

Injection Date:	24-Dec-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0103M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



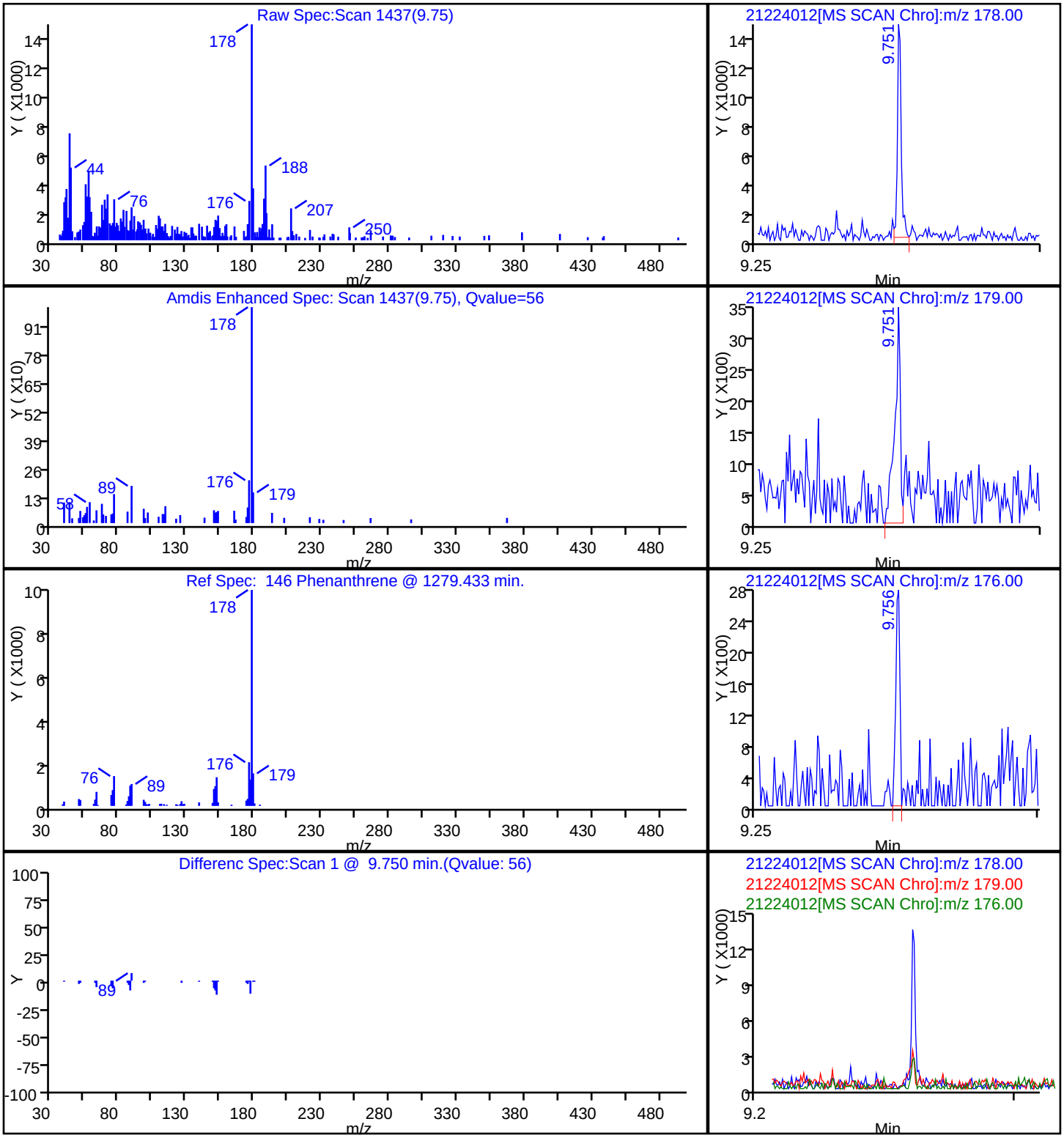
Report Date: 26-Dec-2012 13:04:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224012.D

Injection Date:	24-Dec-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0103M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0104M-0001-SO | Lab Sample ID: 240-18544-23

Matrix: Solid | Lab File ID: 21224011.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.85(g) | Date Analyzed: 12/24/2012 12:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	22	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0104M-0001-SO | Lab Sample ID: 240-18544-23

Matrix: Solid | Lab File ID: 21224011.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.85(g) | Date Analyzed: 12/24/2012 12:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	4.2	J	6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	4.1	J	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0104M-0001-SO | Lab Sample ID: 240-18544-23

Matrix: Solid | Lab File ID: 21224011.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.85(g) | Date Analyzed: 12/24/2012 12:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	53		45-105
367-12-4	2-Fluorophenol (Surr)	61		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	51		35-100
4165-62-2	Phenol-d5 (Surr)	66		40-100
1718-51-0	Terphenyl-d14 (Surr)	60		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	59		35-125

Report Date: 26-Dec-2012 13:04:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224011.D
Lims ID: 240-18544-E-23-D Client ID: 076SB-0104M-0001-SO
Inject. Date: 24-Dec-2012 12:44:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-011
Misc. Info.: 240-18544-E-23-D
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 69977 Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj Date: 24-Dec-2012 13:16:58

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.895	5.873	0.022	96	239491	4.00	
* 2 Naphthalene-d8	136	6.996	6.991	0.005	99	959908	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	91	555002	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	911926	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	95	921420	4.00	
* 6 Perylene-d12	264	14.287	14.292	-0.005	92	789482	4.00	
$ 7 2-Fluorophenol	112	4.846	4.616	0.230	91	676477	9.21	
$ 8 Phenol-d5	99	5.563	5.515	0.048	97	967973	9.90	
$ 9 Nitrobenzene-d5	82	6.381	6.360	0.021	91	539718	5.10	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	100	1046315	5.26	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	88	164601	8.82	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	99	1124261	5.96	
41 Phenol	94		5.531					9
44 Bis(2-chloroethyl)ether	93		5.627					
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					9
48 1,4-Dichlorobenzene	146	5.905	5.889	0.016	54	12602	0.1445	
49 Benzyl alcohol	108		5.985					9
50 1,2-Dichlorobenzene	146		6.028					9
51 2-Methylphenol	108		6.076					9
52 2,2'-oxybis[1-chloropropane]	45		6.108					
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					
60 Hexachloroethane	117		6.328					9
61 Nitrobenzene	77		6.376					
63 Isophorone	82	6.595	6.579	0.016	65	10977	0.0689	
65 2-Nitrophenol	139		6.654					9
64 2,4-Dimethylphenol	107		6.670					
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128		7.007					
74 4-Chloroaniline	127		7.039					9
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					
85 2-Methylnaphthalene	142	7.595	7.595	0.0	73	9634	0.0626	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					
98 2-Chloronaphthalene	162		8.013					
100 2-Nitroaniline	65		8.082					
103 Dimethyl phthalate	163		8.221					
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					
108 3-Nitroaniline	138		8.424					9
110 Acenaphthene	153		8.510					9
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					9
114 Dibenzofuran	168		8.654					9
119 Diethyl phthalate	149	8.810	8.809	0.001	81	19092	0.1200	
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					9
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					9
146 Phenanthrene	178	9.756	9.756	0.0	50	15004	0.0613	
147 Anthracene	178		9.799					
149 Carbazole	167		9.922					
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202		10.762					9
160 Pyrene	202		10.965					
166 Butyl benzyl phthalate	149		11.548					
173 3,3'-Dichlorobenzidine	252		12.184					9
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	89	29819	0.3273	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					9
178 Di-n-octyl phthalate	149		13.099					
180 Benzo[b]fluoranthene	252		13.720					9
181 Benzo[k]fluoranthene	252		13.757					9
182 Benzo[a]pyrene	252		14.212					
186 Indeno[1,2,3-cd]pyrene	276		15.923					9
187 Dibenz(a,h)anthracene	278		15.950					9
188 Benzo[g,h,i]perylene	276		16.356					9

QC Flag Legend

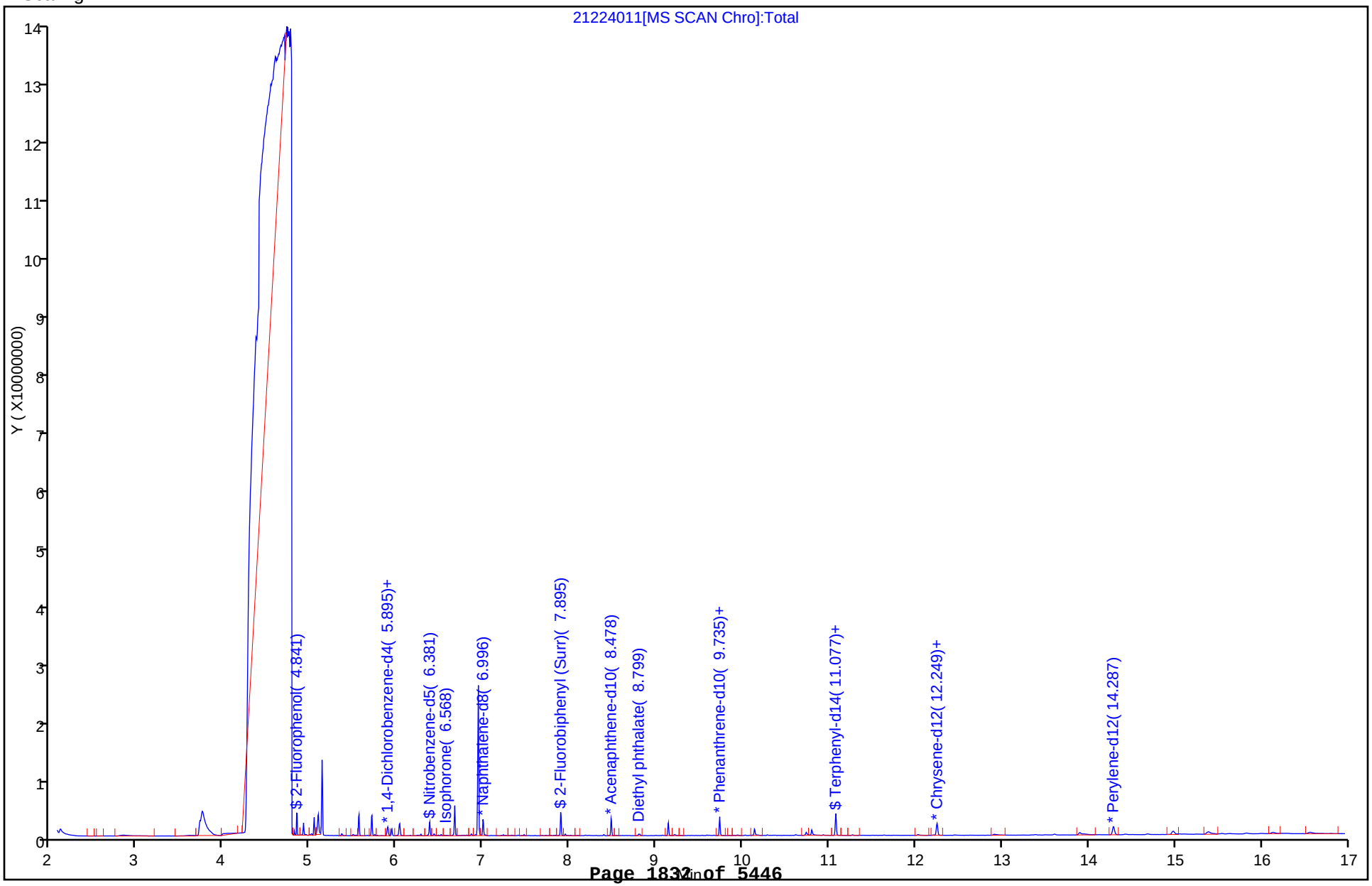
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 26-Dec-2012 13:04:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224011.D		
Injection Date:	24-Dec-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0104M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



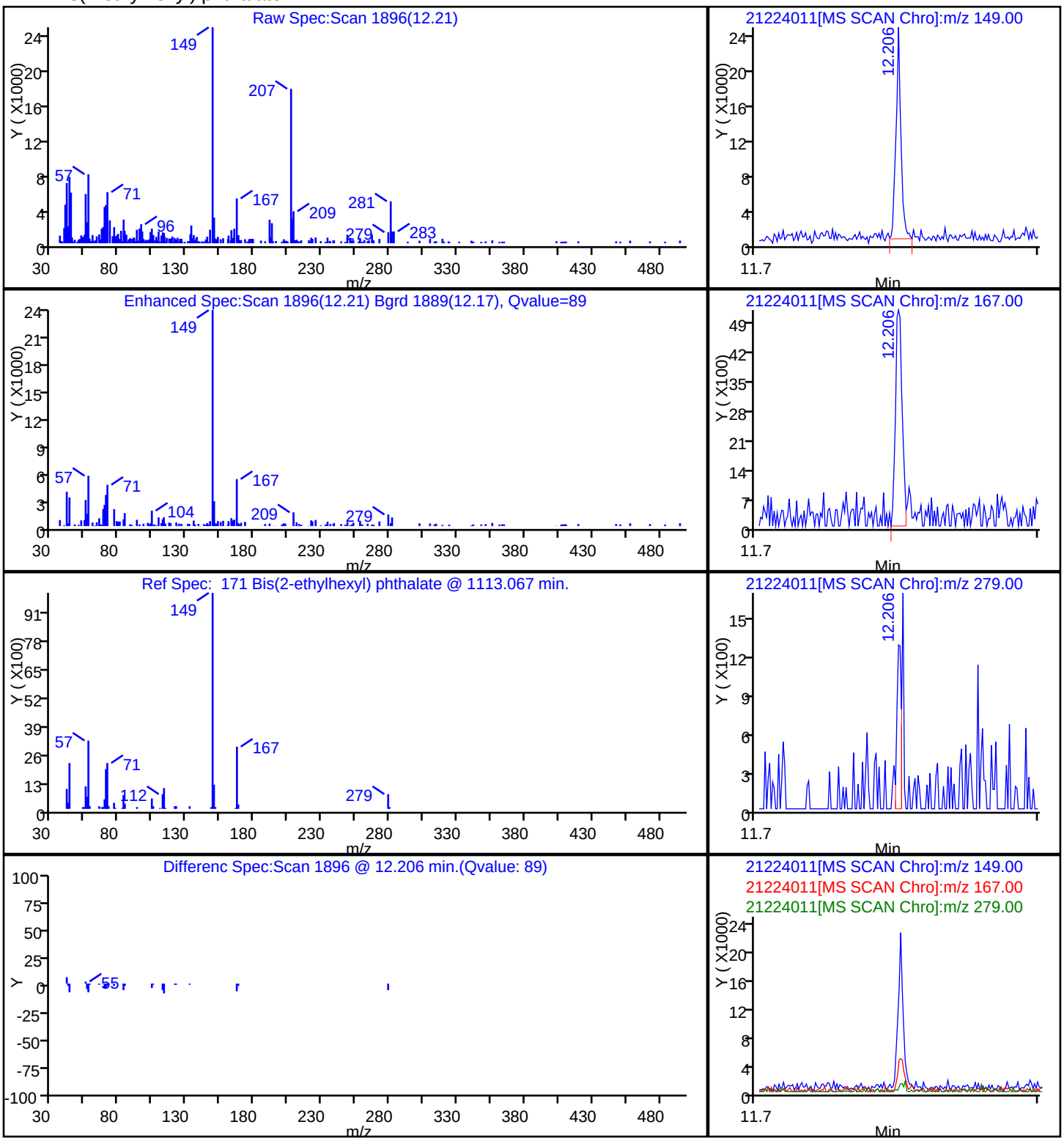
Report Date: 26-Dec-2012 13:04:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224011.D

Injection Date:	24-Dec-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0104M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



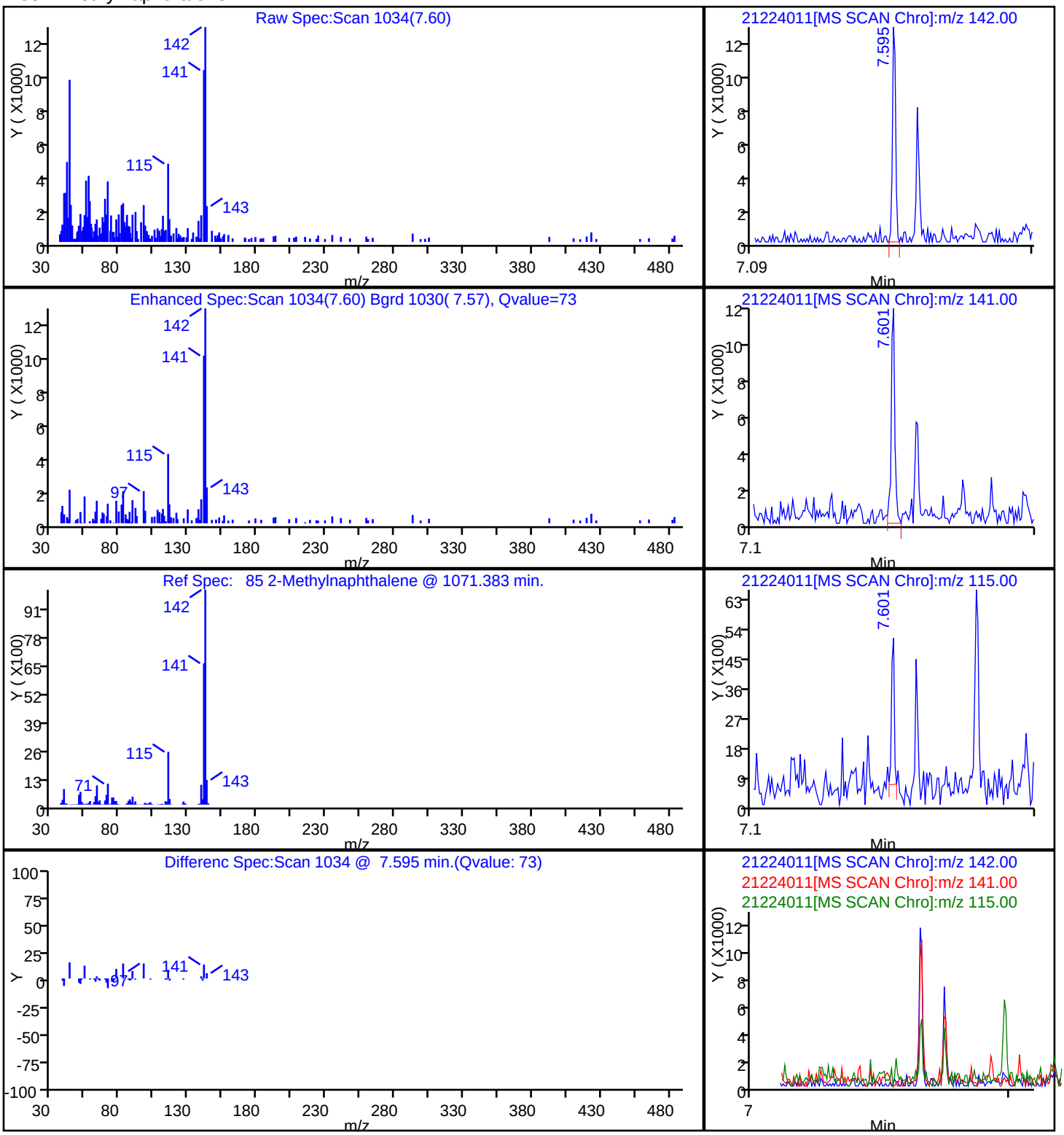
Report Date: 26-Dec-2012 13:04:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224011.D

Injection Date:	24-Dec-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0104M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

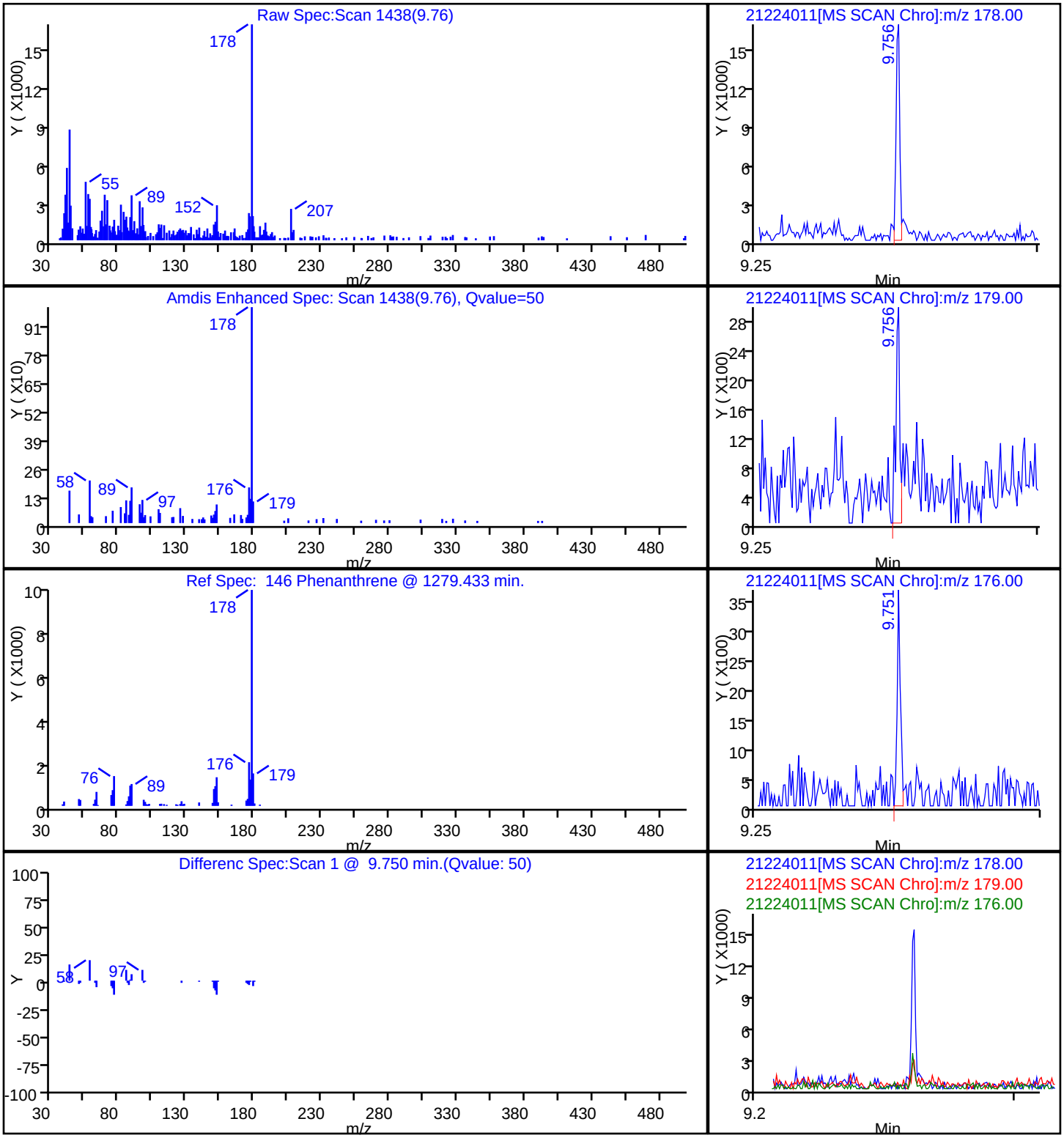


Report Date: 26-Dec-2012 13:04:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224011.D		
Injection Date:	24-Dec-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0104M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0105M-0001-SO | Lab Sample ID: 240-18544-24

Matrix: Solid | Lab File ID: 21224010.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.30(g) | Date Analyzed: 12/24/2012 12:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	3.3	U	6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	99	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	26	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	9.9
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.6
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	79	U	99	79	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	79	U	150	79	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0105M-0001-SO | Lab Sample ID: 240-18544-24

Matrix: Solid | Lab File ID: 21224010.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.30(g) | Date Analyzed: 12/24/2012 12:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	79	U	150	79	79
51-28-5	2,4-Dinitrophenol	79	U	330	79	79
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.6	3.3	3.3
86-73-7	Fluorene	3.3	U	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.6	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	4.7	J	6.6	3.3	3.3
95-48-7	2-Methylphenol	79	U	200	79	79
15831-10-4	3 & 4 Methylphenol	79	U	400	79	20
91-20-3	Naphthalene	6.3	J	6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.0
99-09-2	3-Nitroaniline	79	U	200	79	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	99	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	79	U	330	79	79
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	79	U	150	79	79
85-01-8	Phenanthrene	3.3	U	6.6	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	79	U	150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0105M-0001-SO | Lab Sample ID: 240-18544-24

Matrix: Solid | Lab File ID: 21224010.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.30(g) | Date Analyzed: 12/24/2012 12:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	51		45-105
367-12-4	2-Fluorophenol (Surr)	60		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	49		35-100
4165-62-2	Phenol-d5 (Surr)	65		40-100
1718-51-0	Terphenyl-d14 (Surr)	61		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	63		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224010.D		
Lims ID:	240-18544-E-24-D	Client ID:	076SB-0105M-0001-SO
Inject. Date:	24-Dec-2012 12:21:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016144-010		
Misc. Info.:	240-18544-E-24-D		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	69977	Lims Sample ID:	10
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m		
Last Update:	26-Dec-2012 13:04:10	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK017		

First Level Reviewer: gruberj Date: 24-Dec-2012 13:00:18

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.895	5.873	0.022	96	232849	4.00	
* 2 Naphthalene-d8	136	6.996	6.991	0.005	99	927414	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	90	541847	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	877704	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	95	905175	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	90	773030	4.00	
$ 7 2-Fluorophenol	112	4.825	4.616	0.209	93	643714	9.01	
$ 8 Phenol-d5	99	5.558	5.515	0.043	96	924167	9.72	
$ 9 Nitrobenzene-d5	82	6.376	6.360	0.016	94	500235	4.90	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	994304	5.12	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	91	171301	9.40	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	99	1137402	6.14	
41 Phenol	94		5.531					9
44 Bis(2-chloroethyl)ether	93		5.627					9
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					
48 1,4-Dichlorobenzene	146	5.911	5.889	0.022	89	15126	0.1784	
49 Benzyl alcohol	108		5.985					2
50 1,2-Dichlorobenzene	146		6.028					
51 2-Methylphenol	108		6.076					
52 2,2'-oxybis[1-chloropropane]	45		6.108					
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					
60 Hexachloroethane	117		6.328					
61 Nitrobenzene	77		6.376					9
63 Isophorone	82		6.579					
65 2-Nitrophenol	139		6.654					9
64 2,4-Dimethylphenol	107		6.670					
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					9
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128	7.018	7.007	0.011	28	21783	0.0961	
74 4-Chloroaniline	127		7.039					
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					9
85 2-Methylnaphthalene	142	7.595	7.595	0.0	73	10515	0.0707	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					
98 2-Chloronaphthalene	162		8.013					
100 2-Nitroaniline	65		8.082					9
103 Dimethyl phthalate	163		8.221					
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					9
108 3-Nitroaniline	138		8.424					9
110 Acenaphthene	153		8.510					
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					9
114 Dibenzofuran	168		8.654					
119 Diethyl phthalate	149	8.810	8.809	0.001	83	21426	0.1379	
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					9
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					9
146 Phenanthrene	178		9.756					9
147 Anthracene	178		9.799					
149 Carbazole	167		9.922					9
151 Di-n-butyl phthalate	149	10.184	10.184	0.0	86	30505	0.1198	
157 Fluoranthene	202		10.762					
160 Pyrene	202		10.965					
166 Butyl benzyl phthalate	149		11.548					
173 3,3'-Dichlorobenzidine	252		12.184					
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	92	39941	0.3967	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					9
178 Di-n-octyl phthalate	149		13.099					
180 Benzo[b]fluoranthene	252		13.720					
181 Benzo[k]fluoranthene	252		13.757					
182 Benzo[a]pyrene	252		14.212					
186 Indeno[1,2,3-cd]pyrene	276		15.923					9
187 Dibenz(a,h)anthracene	278		15.950					9
188 Benzo[g,h,i]perylene	276		16.356					9

QC Flag Legend

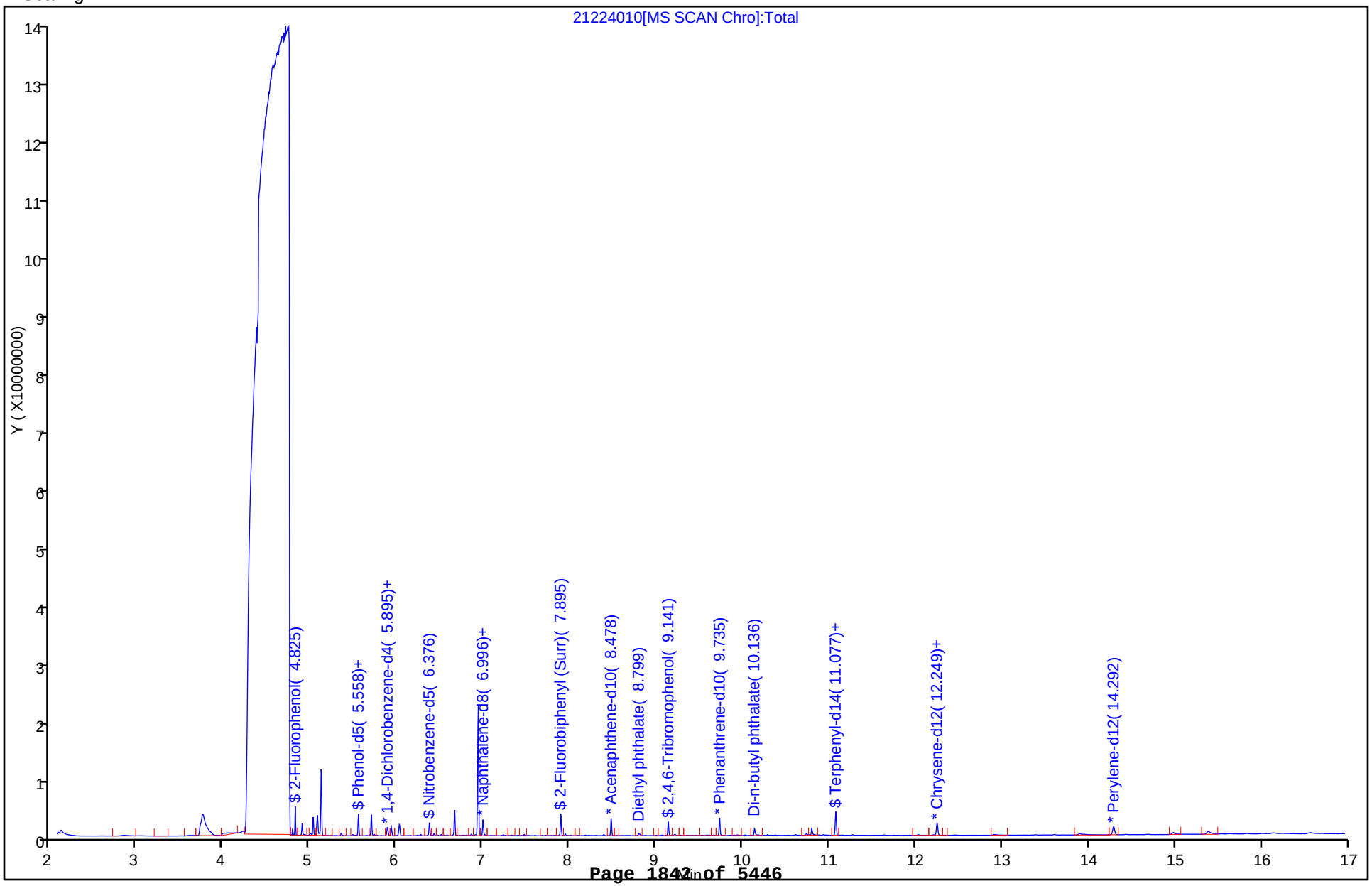
Processing Flags
2 - Failed Coelution Test
9 - Failed A Reference Spectral Test

Report Date: 26-Dec-2012 13:04:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224010.D		
Injection Date:	24-Dec-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0105M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

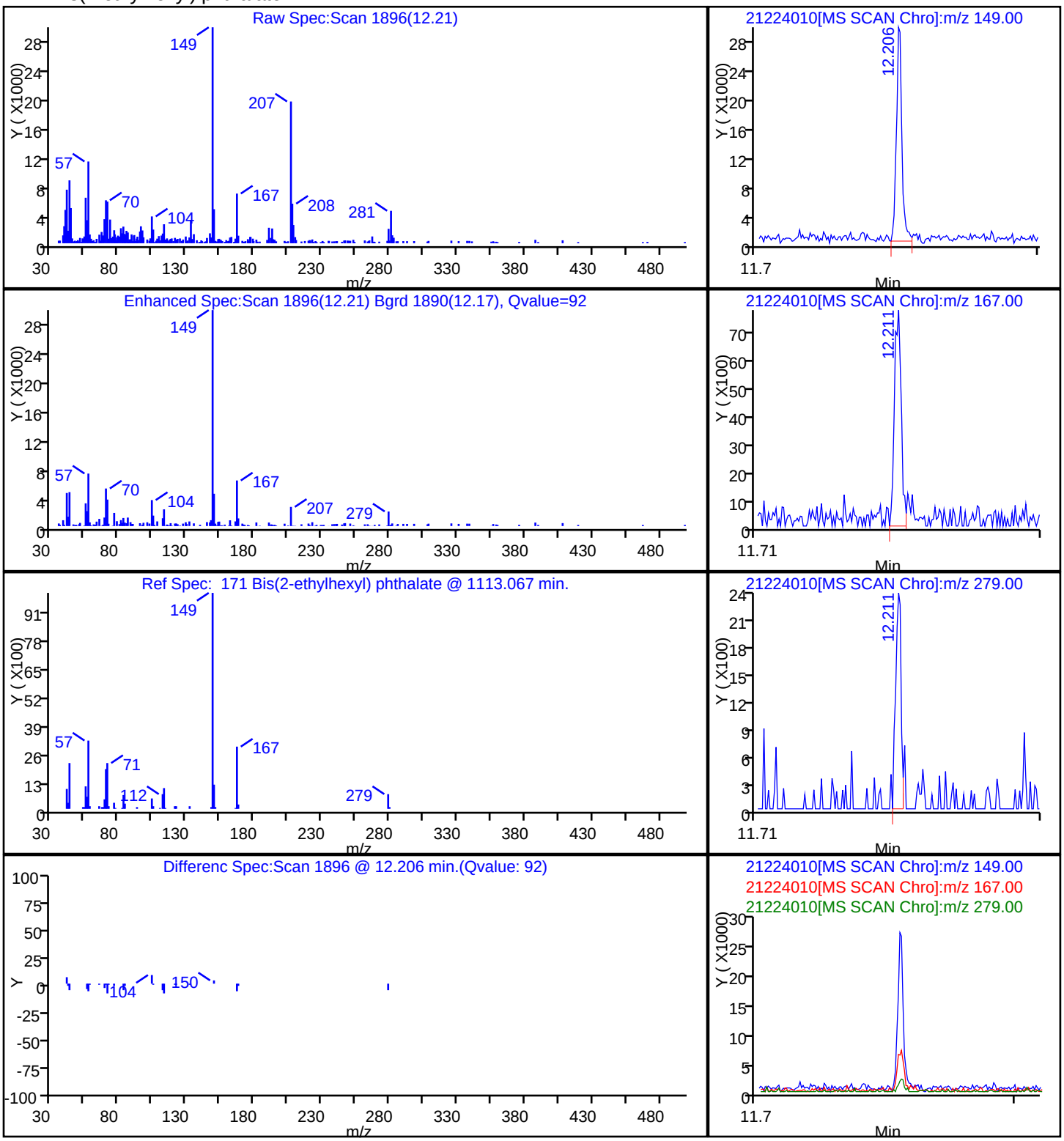


Report Date: 26-Dec-2012 13:04:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224010.D		
Injection Date:	24-Dec-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0105M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



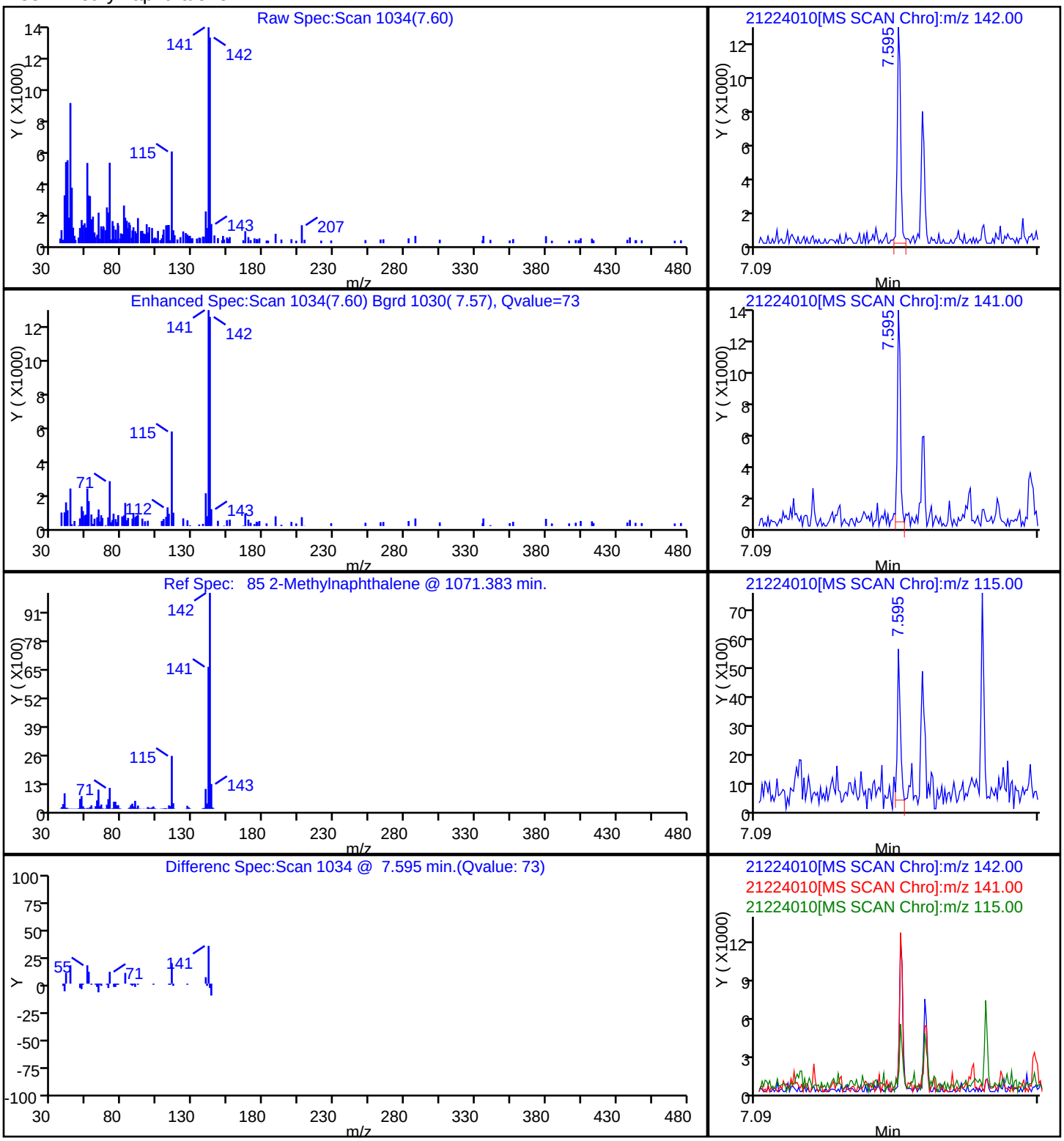
Report Date: 26-Dec-2012 13:04:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224010.D

Injection Date:	24-Dec-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0105M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

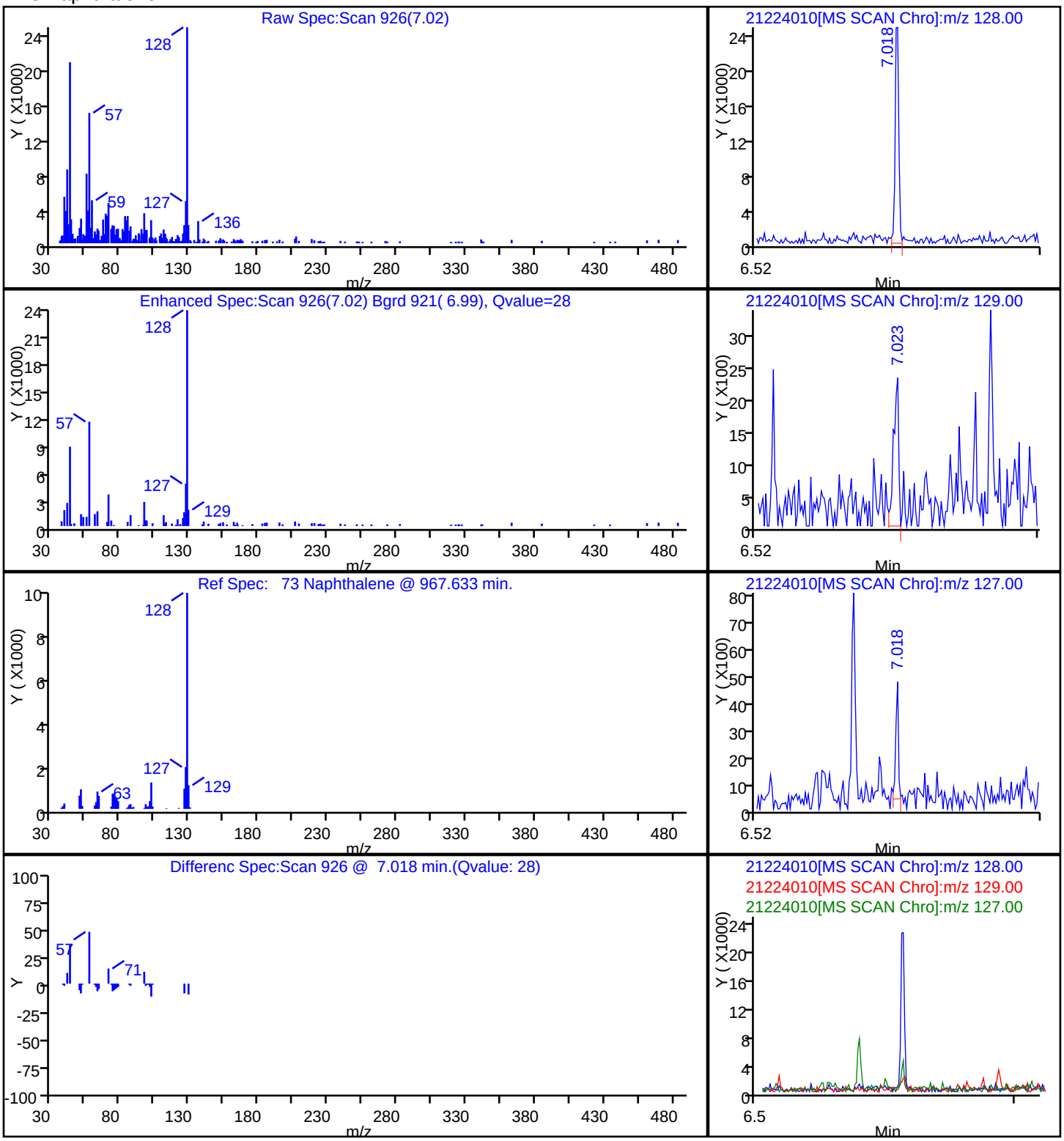


Report Date: 26-Dec-2012 13:04:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224010.D		
Injection Date:	24-Dec-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0105M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0106M-0001-SO | Lab Sample ID: 240-18544-25

Matrix: Solid | Lab File ID: 21224009.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.28(g) | Date Analyzed: 12/24/2012 11:57

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	3.3	U	6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	99	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	25	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	9.9
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.6
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	79	U	99	79	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	79	U	150	79	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0106M-0001-SO | Lab Sample ID: 240-18544-25

Matrix: Solid | Lab File ID: 21224009.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.28(g) | Date Analyzed: 12/24/2012 11:57

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	79	U	150	79	79
51-28-5	2,4-Dinitrophenol	79	U	330	79	79
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.6	3.3	3.3
86-73-7	Fluorene	3.3	U	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.6	3.3	3.3
78-59-1	Isophorone	33	J	50	27	13
91-57-6	2-Methylnaphthalene	4.2	J	6.6	3.3	3.3
95-48-7	2-Methylphenol	79	U	200	79	79
15831-10-4	3 & 4 Methylphenol	79	U	400	79	20
91-20-3	Naphthalene	4.5	J	6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.0
99-09-2	3-Nitroaniline	79	U	200	79	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	99	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	79	U	330	79	79
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	79	U	150	79	79
85-01-8	Phenanthrene	3.3	U	6.6	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	79	U	150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0106M-0001-SO | Lab Sample ID: 240-18544-25

Matrix: Solid | Lab File ID: 21224009.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.28(g) | Date Analyzed: 12/24/2012 11:57

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	57		45-105
367-12-4	2-Fluorophenol (Surr)	49		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	57		35-100
4165-62-2	Phenol-d5 (Surr)	67		40-100
1718-51-0	Terphenyl-d14 (Surr)	62		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	22	Q	35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224009.D		
Lims ID:	240-18544-E-25-D	Client ID:	076SB-0106M-0001-SO
Inject. Date:	24-Dec-2012 11:57:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016144-009		
Misc. Info.:	240-18544-E-25-D		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	69977	Lims Sample ID:	9
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m		
Last Update:	26-Dec-2012 13:04:10	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK017		

First Level Reviewer: gruberj Date: 24-Dec-2012 12:32:26

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.921	5.873	0.048	94	241040	4.00	
* 2 Naphthalene-d8	136	7.007	6.991	0.016	99	942076	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	91	559208	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	878285	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	97	920194	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	96	744543	4.00	
$ 7 2-Fluorophenol	112	5.049	4.616	0.433	89	545518	7.38	
$ 8 Phenol-d5	99	5.632	5.515	0.117	85	982437	9.98	
$ 9 Nitrobenzene-d5	82	6.403	6.360	0.043	94	591659	5.70	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	1139283	5.69	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	88	63094	3.36	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	97	1171981	6.22	
41 Phenol	94		5.531					
44 Bis(2-chloroethyl)ether	93		5.627					
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					9
48 1,4-Dichlorobenzene	146		5.889					9
49 Benzyl alcohol	108		5.985					
50 1,2-Dichlorobenzene	146		6.028					9
51 2-Methylphenol	108		6.076					9
52 2,2'-oxybis[1-chloropropane]	45		6.108					
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					
60 Hexachloroethane	117		6.328					
61 Nitrobenzene	77		6.376					
63 Isophorone	82	6.611	6.579	0.032	77	77625	0.4968	
65 2-Nitrophenol	139		6.654					
64 2,4-Dimethylphenol	107		6.670					
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128	7.028	7.007	0.021	59	15794	0.0686	
74 4-Chloroaniline	127		7.039					
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					
85 2-Methylnaphthalene	142	7.601	7.595	0.006	68	9669	0.0640	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					9
91 2,4,5-Trichlorophenol	196		7.852					9
98 2-Chloronaphthalene	162		8.013					9
100 2-Nitroaniline	65		8.082					9
103 Dimethyl phthalate	163		8.221					
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					
108 3-Nitroaniline	138		8.424					9
110 Acenaphthene	153		8.510					9
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					
114 Dibenzofuran	168		8.654					
119 Diethyl phthalate	149	8.809	8.809	0.0	73	19448	0.1213	
121 4-Chlorophenyl phenyl ether	204		8.927					9
123 4-Nitroaniline	138		8.938					9
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					9
146 Phenanthrene	178		9.756					9
147 Anthracene	178		9.799					9
149 Carbazole	167		9.922					9
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202		10.762					
160 Pyrene	202		10.965					
166 Butyl benzyl phthalate	149		11.548					
173 3,3'-Dichlorobenzidine	252		12.184					9
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	91	38119	0.3808	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					9
178 Di-n-octyl phthalate	149		13.099					
180 Benzo[b]fluoranthene	252		13.720					9
181 Benzo[k]fluoranthene	252		13.757					
182 Benzo[a]pyrene	252		14.212					
186 Indeno[1,2,3-cd]pyrene	276		15.923					9
187 Dibenz(a,h)anthracene	278		15.950					9
188 Benzo[g,h,i]perylene	276		16.356					9

QC Flag Legend

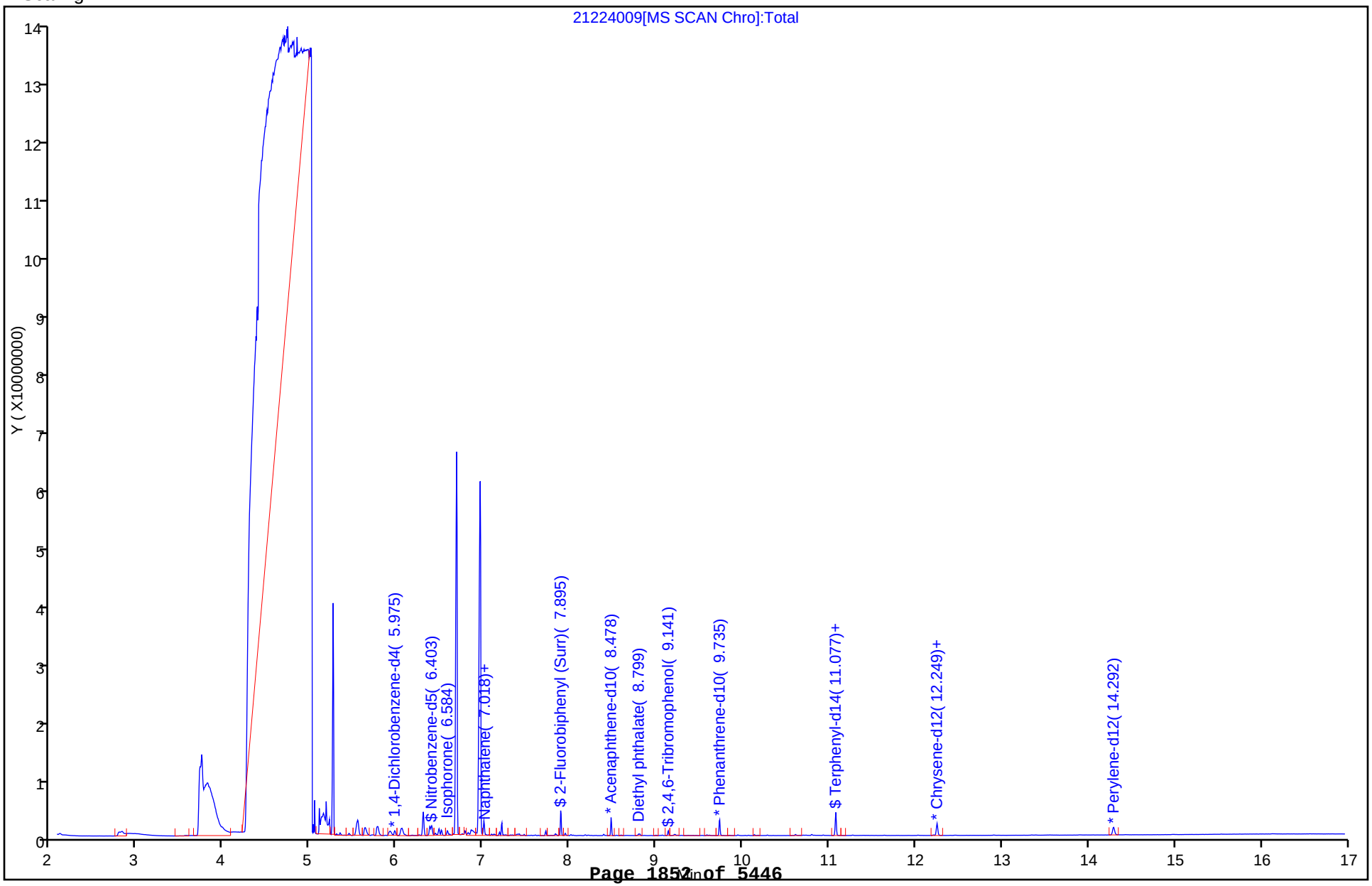
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9 - Failed A Reference Spectral Test

Report Date: 26-Dec-2012 13:04:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224009.D		
Injection Date:	24-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



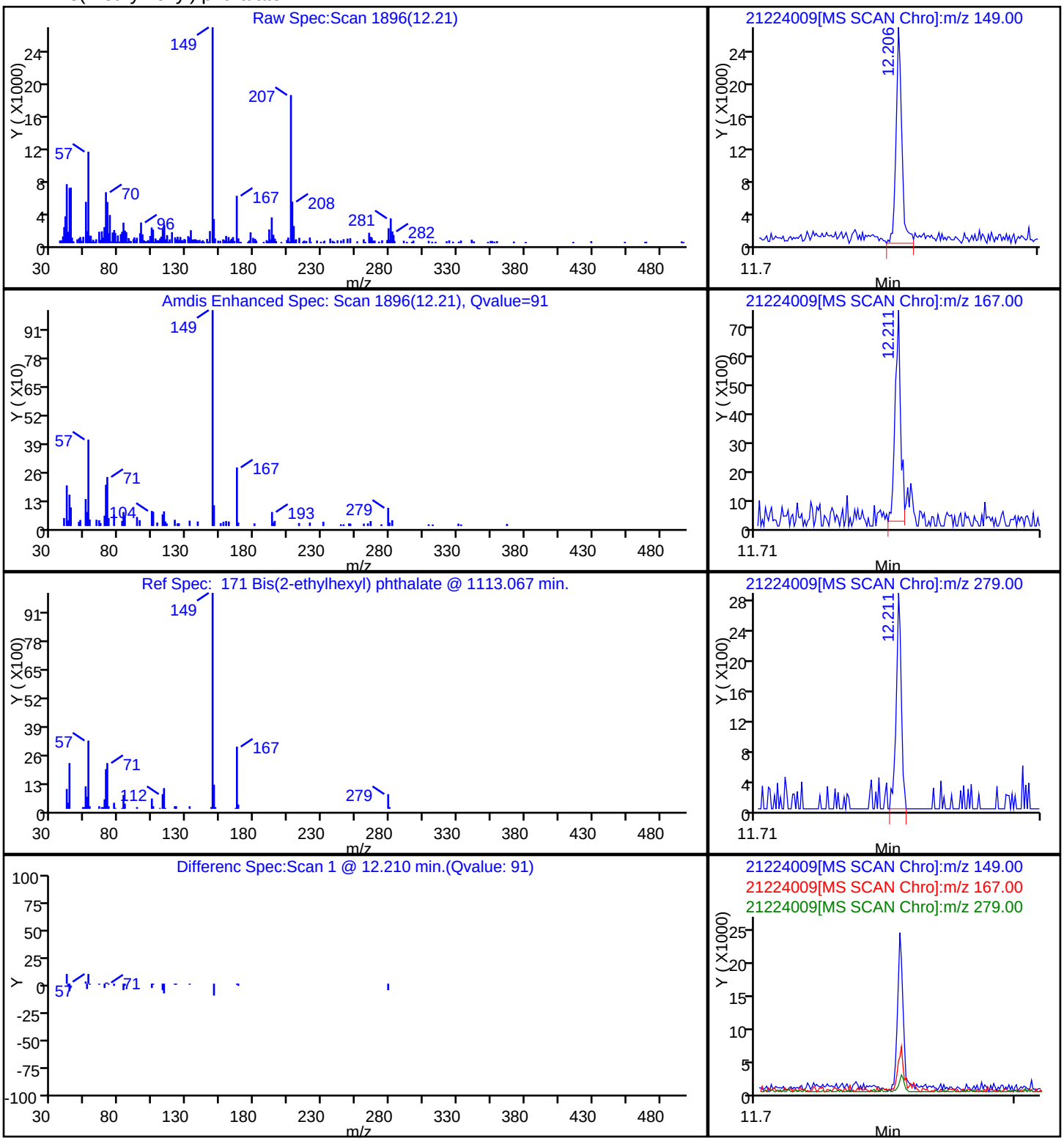
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224009.D

Injection Date:	24-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



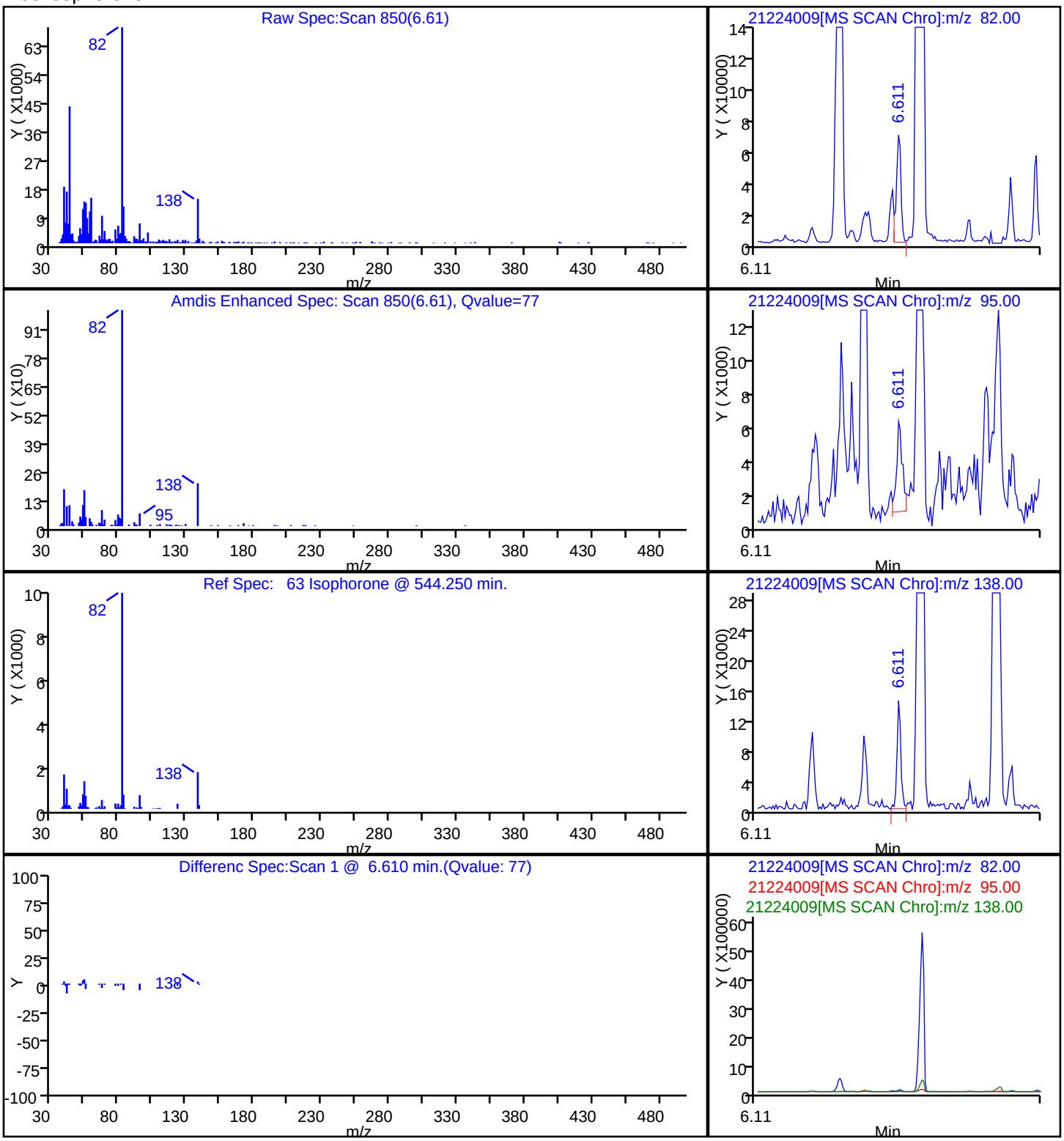
Report Date: 26-Dec-2012 13:04:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224009.D

Injection Date:	24-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

63 Isophorone



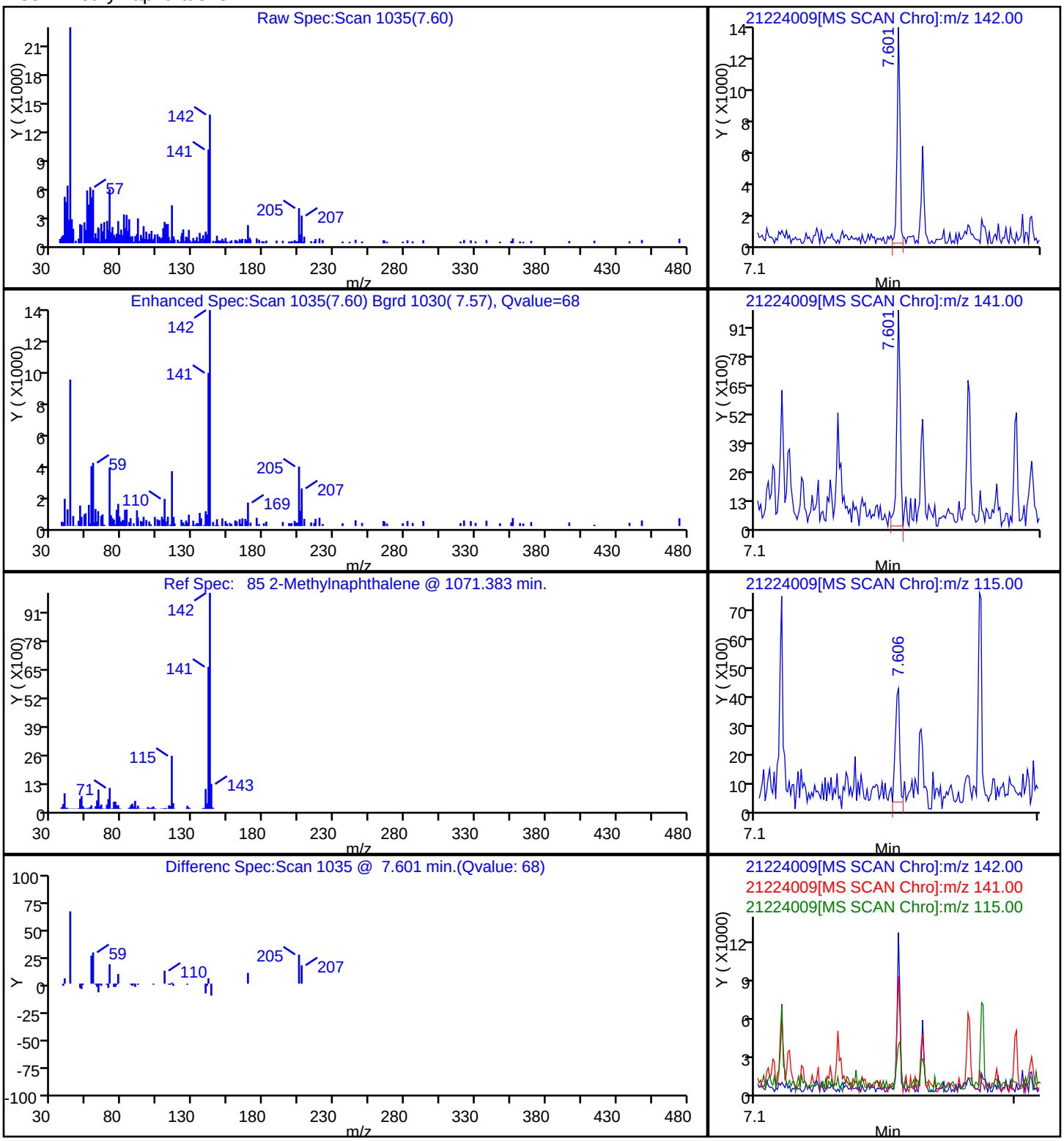
Report Date: 26-Dec-2012 13:04:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224009.D

Injection Date:	24-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



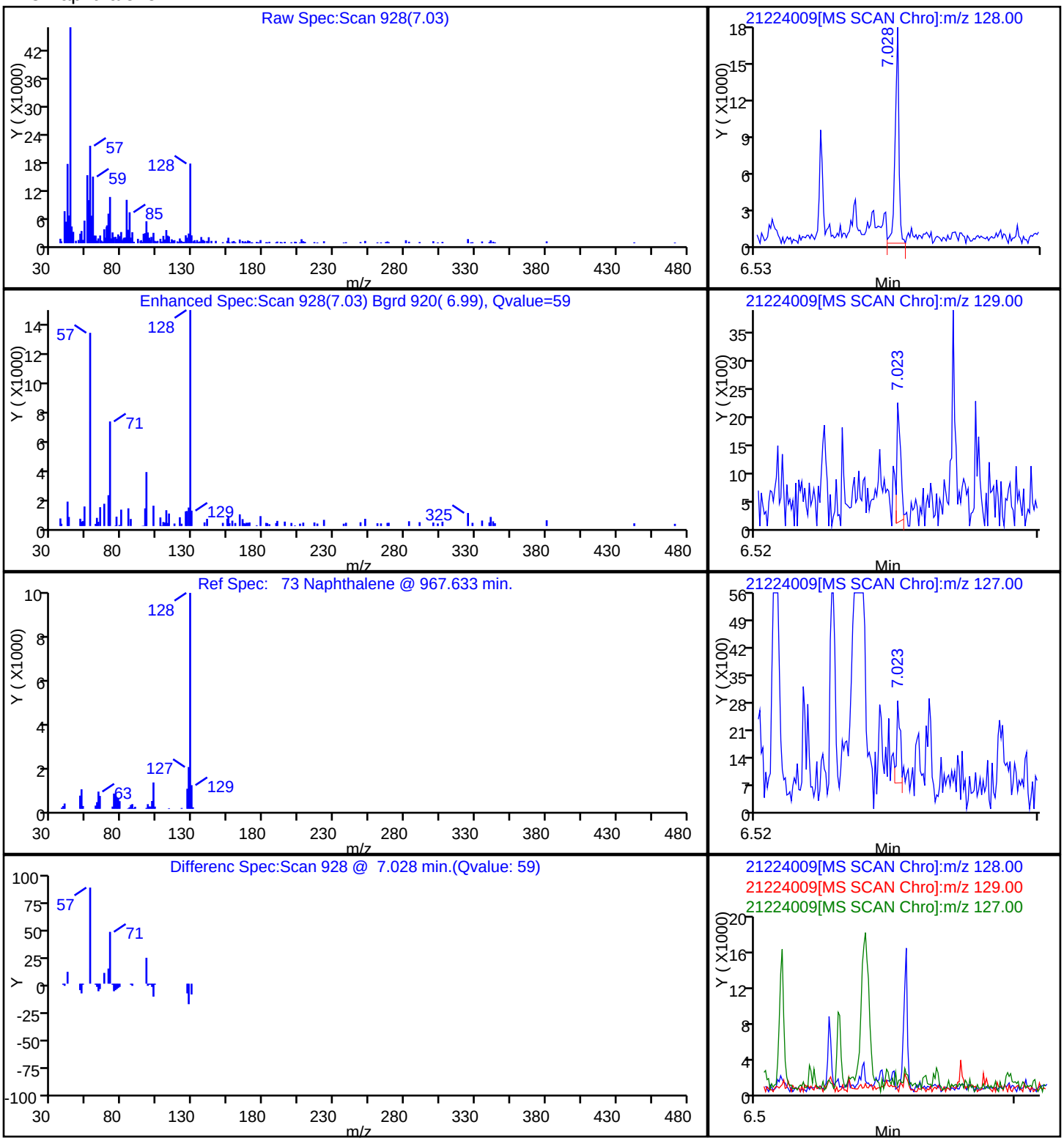
Report Date: 26-Dec-2012 13:04:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224009.D

Injection Date:	24-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0106M-0001-SO RE | Lab Sample ID: 240-18544-25 RE

Matrix: Solid | Lab File ID: 21229012.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:25

Extract. Method: 3540C | Date Extracted: 12/27/2012 11:43

Sample wt/vol: 30.23(g) | Date Analyzed: 12/29/2012 16:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70566 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U H	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U H	6.6	3.3	3.3
120-12-7	Anthracene	3.3	U H	6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U H	6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U H	6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U H	6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U H	6.6	3.3	3.3
65-85-0	Benzoic acid	330	U H	650	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U H	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U H	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U H	99	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U H	99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U H	99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	21	J H	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U H	50	27	13
85-68-7	Butyl benzyl phthalate	27	U H	50	27	9.9
86-74-8	Carbazole	27	U H	50	27	27
106-47-8	4-Chloroaniline	27	U H	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U H	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U H	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U H	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U H	50	27	13
218-01-9	Chrysene	3.3	U H	6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U H	6.6	3.3	3.3
132-64-9	Dibenzofuran	3.3	U H	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U H	50	27	9.6
541-73-1	1,3-Dichlorobenzene	27	U H	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U H	50	27	20
91-94-1	3,3'-Dichlorobenzidine	79	U H	99	79	18
120-83-2	2,4-Dichlorophenol	27	U H	150	27	20
84-66-2	Diethyl phthalate	27	U H	50	27	16
105-67-9	2,4-Dimethylphenol	79	U H	150	79	20
131-11-3	Dimethyl phthalate	27	U H	50	27	17
84-74-2	Di-n-butyl phthalate	27	U H	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0106M-0001-SO RE | Lab Sample ID: 240-18544-25 RE

Matrix: Solid | Lab File ID: 21229012.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:25

Extract. Method: 3540C | Date Extracted: 12/27/2012 11:43

Sample wt/vol: 30.23(g) | Date Analyzed: 12/29/2012 16:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70566 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	79	U H	150	79	79
51-28-5	2,4-Dinitrophenol	79	U H	330	79	79
121-14-2	2,4-Dinitrotoluene	27	U H	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U H	200	27	21
117-84-0	Di-n-octyl phthalate	27	U H	50	27	27
206-44-0	Fluoranthene	3.3	U H	6.6	3.3	3.3
86-73-7	Fluorene	3.3	U H	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U H	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U H	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U H	330	27	27
67-72-1	Hexachloroethane	27	U H	50	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U H	6.6	3.3	3.3
78-59-1	Isophorone	27	U H	50	27	13
91-57-6	2-Methylnaphthalene	4.6	J H	6.6	3.3	3.3
95-48-7	2-Methylphenol	79	U H	200	79	79
15831-10-4	3 & 4 Methylphenol	79	U H	400	79	20
91-20-3	Naphthalene	5.7	J H	6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U H	200	27	9.0
99-09-2	3-Nitroaniline	79	U H	200	79	16
100-01-6	4-Nitroaniline	27	U H	200	27	26
98-95-3	Nitrobenzene	3.3	U H	99	3.3	2.2
88-75-5	2-Nitrophenol	27	U H	50	27	27
100-02-7	4-Nitrophenol	79	U H	330	79	79
621-64-7	N-Nitrosodi-n-propylamine	27	U H	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U H	50	27	21
87-86-5	Pentachlorophenol	79	U H	150	79	79
85-01-8	Phenanthrene	3.3	U H	6.6	3.3	3.3
108-95-2	Phenol	27	U H	50	27	27
129-00-0	Pyrene	3.3	U H	6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U H	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U H	150	27	25
88-06-2	2,4,6-Trichlorophenol	79	U H	150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0106M-0001-SO RE | Lab Sample ID: 240-18544-25 RE

Matrix: Solid | Lab File ID: 21229012.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:25

Extract. Method: 3540C | Date Extracted: 12/27/2012 11:43

Sample wt/vol: 30.23(g) | Date Analyzed: 12/29/2012 16:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70566 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	60		45-105
367-12-4	2-Fluorophenol (Surr)	72		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	65		35-100
4165-62-2	Phenol-d5 (Surr)	82		40-100
1718-51-0	Terphenyl-d14 (Surr)	70		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	53		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229012.D
Lims ID: 240-18544-E-25-F Client ID: 076SB-0106M-0001-SO
Inject. Date: 29-Dec-2012 16:20:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016269-012
Misc. Info.: 240-18544-E-25-F =240-18544-E-25-F
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 70566 Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\8270 _9.m
Last Update: 31-Dec-2012 10:35:58 Calib Date: 21-Dec-2012 20:45:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm Date: 31-Dec-2012 09:06:48

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.950	5.918	0.032	94	99910	4.00	
* 2 Naphthalene-d8	136	7.045	7.034	0.011	99	406703	4.00	
* 3 Acenaphthene-d10	164	8.530	8.525	0.005	76	239805	4.00	
* 4 Phenanthrene-d10	188	9.785	9.786	-0.001	93	418080	4.00	
* 5 Chrysene-d12	240	12.333	12.339	-0.006	83	403322	4.00	
* 6 Perylene-d12	264	14.412	14.412	0.0	94	347890	4.00	
$ 7 2-Fluorophenol	112	4.988	4.673	0.315	93	364373	10.9	
$ 8 Phenol-d5	99	5.645	5.571	0.074	0	605955	12.3	
$ 9 Nitrobenzene-d5	82	6.430	6.404	0.026	86	403023	6.48	
$ 10 2-Fluorobiphenyl (Surr)	172	7.942	7.943	-0.001	99	579094	6.02	
$ 11 2,4,6-Tribromophenol	330	9.192	9.193	-0.001	84	66296	7.99	
$ 12 Terphenyl-d14	244	11.142	11.143	-0.001	98	641199	7.02	
43 Phenol	94		5.581					9
69 Bis(2-chloroethyl)ether	93		5.672					9
46 2-Chlorophenol	128		5.731					9
47 1,3-Dichlorobenzene	146		5.870					9
48 1,4-Dichlorobenzene	146		5.934					9
49 Benzyl alcohol	108		6.030					9
50 1,2-Dichlorobenzene	146		6.073					
51 2-Methylphenol	108		6.126					9
53 2,2'-oxybis[1-chloropropane]	45		6.153					
21 3 & 4 Methylphenol	108		6.255					
57 N-Nitrosodi-n-propylamine	70		6.265					
61 Hexachloroethane	117		6.372					9
62 Nitrobenzene	77		6.420					
64 Isophorone	82		6.623					
66 2-Nitrophenol	139		6.698					9
65 2,4-Dimethylphenol	107		6.719					9
71 Benzoic acid	122	6.772	6.789	-0.017	58	6570	1.14	
70 Bis(2-chloroethoxy)methane	93		6.799					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.906					
74 1,2,4-Trichlorobenzene	180		6.981					
75 Naphthalene	128	7.066	7.051	0.015	36	9229	0.0862	
76 4-Chloroaniline	127		7.088					9
79 Hexachlorobutadiene	225		7.147					
86 4-Chloro-3-methylphenol	107		7.483					9
87 2-Methylnaphthalene	142	7.643	7.638	0.005	58	4874	0.0689	
89 Hexachlorocyclopentadiene	237		7.766					
92 2,4,6-Trichlorophenol	196		7.873					
93 2,4,5-Trichlorophenol	196		7.905					
100 2-Chloronaphthalene	162		8.055					
102 2-Nitroaniline	65		8.130					9
105 Dimethyl phthalate	163		8.269					9
107 2,6-Dinitrotoluene	165		8.327					9
109 Acenaphthylene	152		8.413					9
110 3-Nitroaniline	138		8.477					
112 Acenaphthene	153		8.557					
111 2,4-Dinitrophenol	184		8.562					
113 4-Nitrophenol	109		8.600					9
114 2,4-Dinitrotoluene	165		8.669					
116 Dibenzofuran	168		8.701					9
121 Diethyl phthalate	149		8.856					
123 4-Chlorophenyl phenyl ether	204		8.974					
125 4-Nitroaniline	138		8.990					
126 Fluorene	166		8.990					9
128 4,6-Dinitro-2-methylphenol	198		9.011					
131 N-Nitrosodiphenylamine	169		9.070					
139 4-Bromophenyl phenyl ether	248		9.390					
141 Hexachlorobenzene	284		9.454					
143 Pentachlorophenol	266		9.615					
148 Phenanthrene	178		9.807					9
149 Anthracene	178		9.850					9
151 Carbazole	167		9.978					9
154 Di-n-butyl phthalate	149	10.229	10.229	0.0	81	14149	0.1089	
159 Fluoranthene	202		10.817					9
161 Pyrene	202		11.025					9
168 Butyl benzyl phthalate	149		11.618					9
175 3,3'-Dichlorobenzidine	252		12.270					
173 Bis(2-ethylhexyl) phthalate	149	12.291	12.291	0.0	85	23369	0.3151	
177 Benzo[a]anthracene	228		12.323					9
178 Chrysene	228		12.371					9
180 Di-n-octyl phthalate	149		13.199					9
182 Benzo[b]fluoranthene	252		13.830					9
183 Benzo[k]fluoranthene	252		13.872					9
184 Benzo[a]pyrene	252		14.332					9
188 Indeno[1,2,3-cd]pyrene	276		16.073					
189 Dibenz(a,h)anthracene	278		16.105					
190 Benzo[g,h,i]perylene	276		16.527					9

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

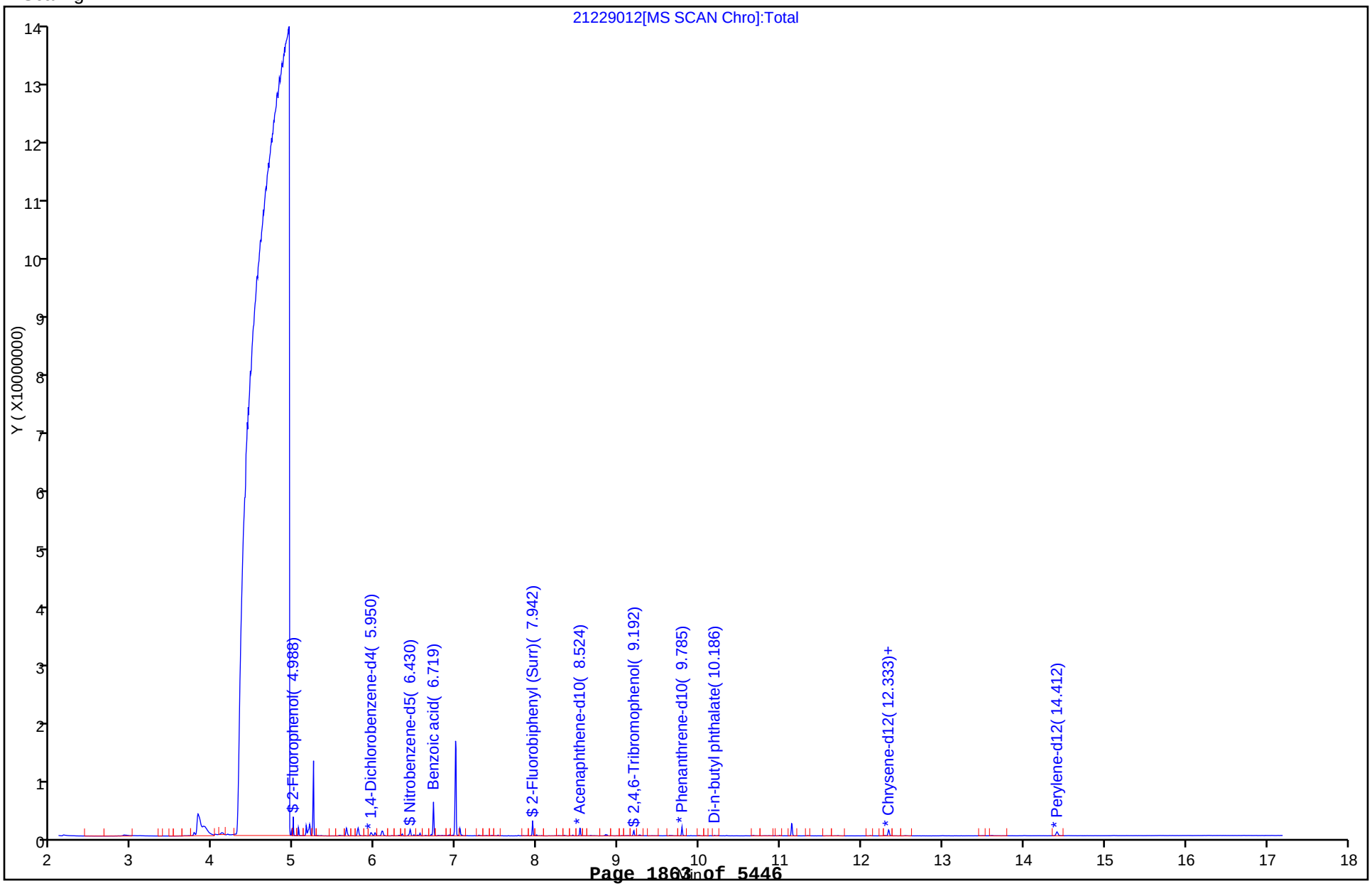
Report Date: 31-Dec-2012 10:36:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229012.D

Injection Date:	29-Dec-2012 16:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

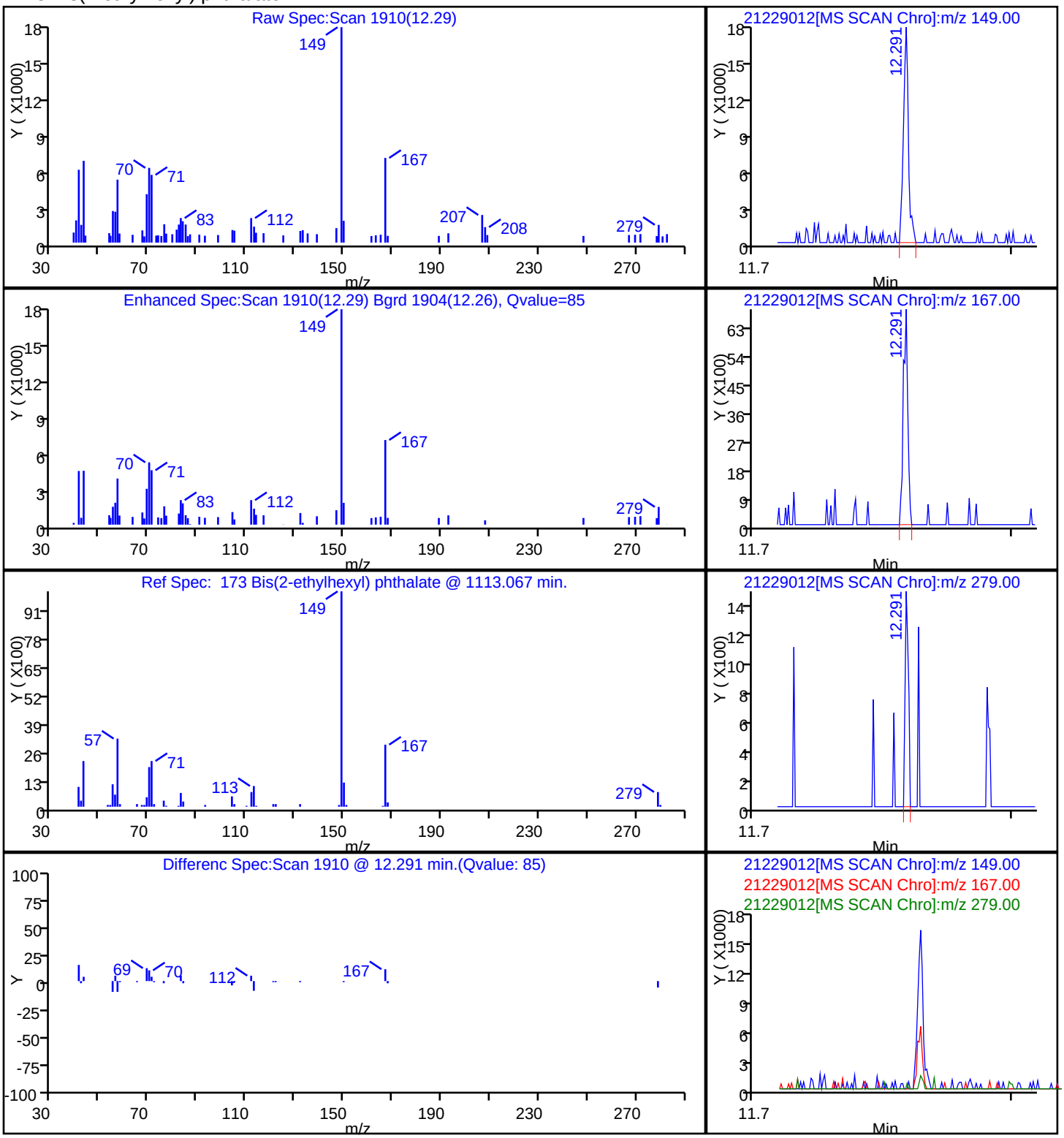


Report Date: 31-Dec-2012 10:36:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229012.D		
Injection Date:	29-Dec-2012 16:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

173 Bis(2-ethylhexyl) phthalate

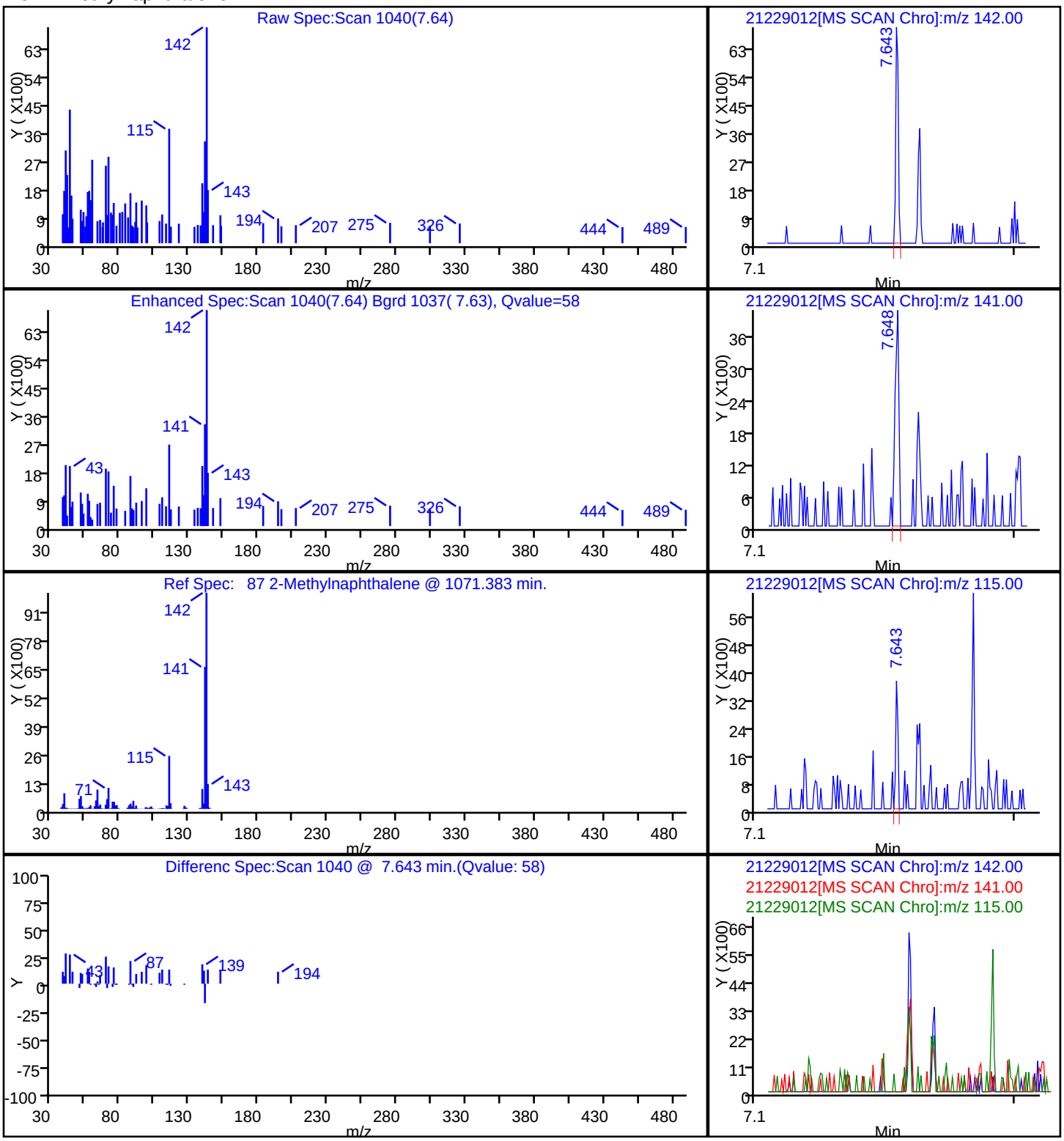


Report Date: 31-Dec-2012 10:36:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229012.D		
Injection Date:	29-Dec-2012 16:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene

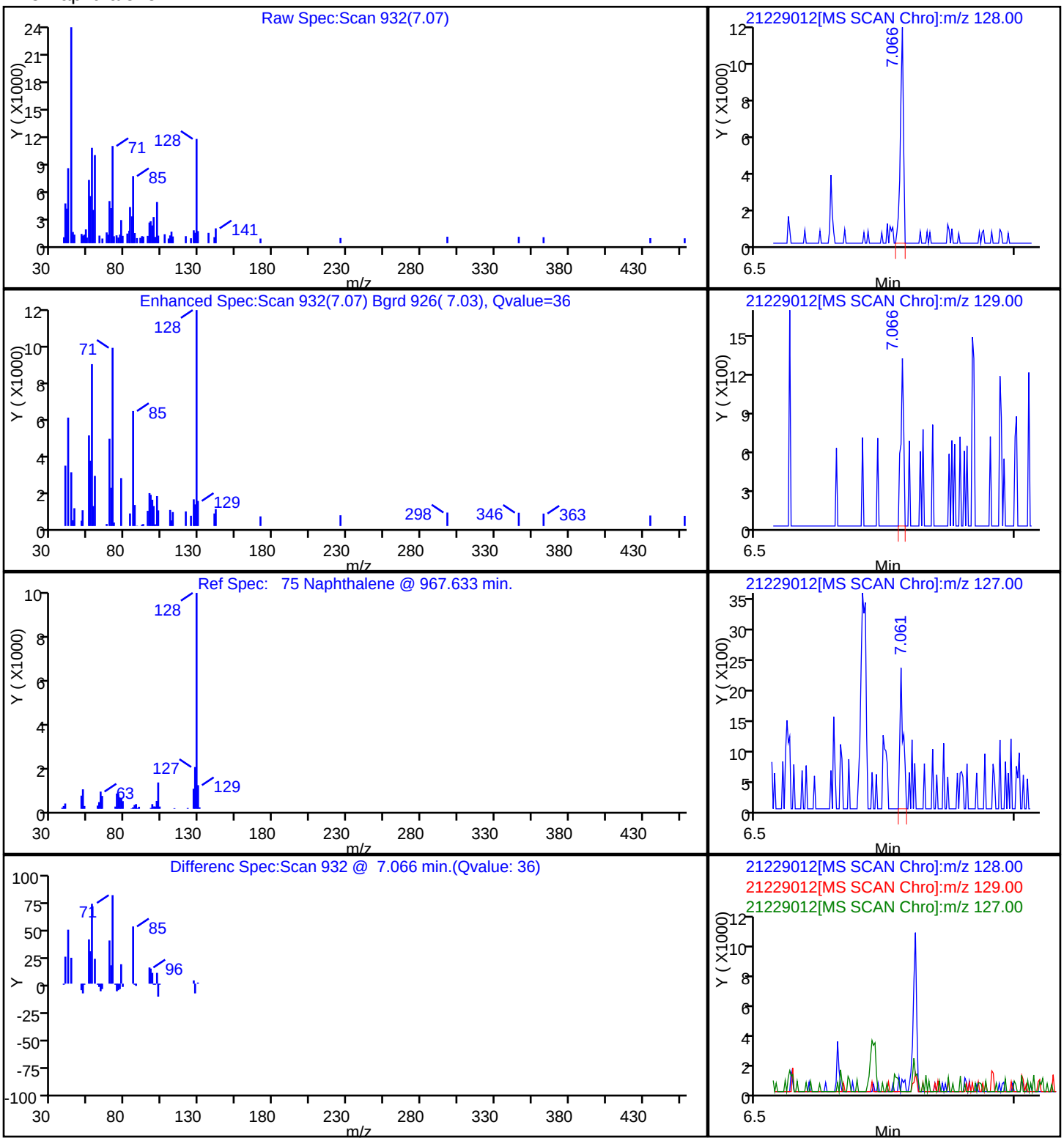


Report Date: 31-Dec-2012 10:36:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229012.D		
Injection Date:	29-Dec-2012 16:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0107M-0001-SO | Lab Sample ID: 240-18544-26

Matrix: Solid | Lab File ID: 21224016.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.03(g) | Date Analyzed: 12/24/2012 14:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	25	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0107M-0001-SO | Lab Sample ID: 240-18544-26

Matrix: Solid | Lab File ID: 21224016.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.03(g) | Date Analyzed: 12/24/2012 14:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	4.7	J	6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0107M-0001-SO | Lab Sample ID: 240-18544-26

Matrix: Solid | Lab File ID: 21224016.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.03(g) | Date Analyzed: 12/24/2012 14:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	56		45-105
367-12-4	2-Fluorophenol (Surr)	60		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	57		35-100
4165-62-2	Phenol-d5 (Surr)	71		40-100
1718-51-0	Terphenyl-d14 (Surr)	65		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	50		35-125

Report Date: 26-Dec-2012 13:04:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224016.D
Lims ID: 240-18544-E-26-D Client ID: 076SB-0107M-0001-SO
Inject. Date: 24-Dec-2012 14:41:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-016
Misc. Info.: 240-18544-E-26-D
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 69977 Lims Sample ID: 16
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj Date: 26-Dec-2012 12:56:54

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.905	5.873	0.032	96	226198	4.00	
* 2 Naphthalene-d8	136	7.002	6.991	0.011	99	907547	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	91	544158	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	858725	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	96	860508	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	96	723301	4.00	
$ 7 2-Fluorophenol	112	4.943	4.616	0.327	89	624473	9.00	
$ 8 Phenol-d5	99	5.600	5.515	0.085	91	984712	10.7	
$ 9 Nitrobenzene-d5	82	6.387	6.360	0.027	93	567477	5.68	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	1092552	5.60	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	88	135860	7.43	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	98	1140562	6.48	
41 Phenol	94		5.531					
44 Bis(2-chloroethyl)ether	93		5.627					9
46 2-Chlorophenol	128		5.681					
47 1,3-Dichlorobenzene	146		5.825					9
48 1,4-Dichlorobenzene	146		5.889					9
49 Benzyl alcohol	108		5.985					9
50 1,2-Dichlorobenzene	146		6.028					
51 2-Methylphenol	108		6.076					9
52 2,2'-oxybis[1-chloropropane]	45		6.108					
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					
60 Hexachloroethane	117		6.328					
61 Nitrobenzene	77		6.376					
63 Isophorone	82		6.579					
65 2-Nitrophenol	139		6.654					
64 2,4-Dimethylphenol	107		6.670					9
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128		7.007					
74 4-Chloroaniline	127		7.039					
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					9
85 2-Methylnaphthalene	142	7.601	7.595	0.006	61	10327	0.0710	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					9
98 2-Chloronaphthalene	162		8.013					9
100 2-Nitroaniline	65		8.082					9
103 Dimethyl phthalate	163		8.221					9
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					
108 3-Nitroaniline	138		8.424					9
110 Acenaphthene	153		8.510					
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					9
114 Dibenzofuran	168		8.654					
119 Diethyl phthalate	149	8.810	8.809	0.001	72	17717	0.1135	
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					9
146 Phenanthrene	178		9.756					
147 Anthracene	178		9.799					
149 Carbazole	167		9.922					9
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202		10.762					9
160 Pyrene	202		10.965					9
166 Butyl benzyl phthalate	149		11.548					
173 3,3'-Dichlorobenzidine	252		12.184					
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	91	34800	0.3750	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					9
178 Di-n-octyl phthalate	149		13.099					9
180 Benzo[b]fluoranthene	252		13.720					
181 Benzo[k]fluoranthene	252		13.757					
182 Benzo[a]pyrene	252		14.212					
186 Indeno[1,2,3-cd]pyrene	276		15.923					
187 Dibenz(a,h)anthracene	278		15.950					
188 Benzo[g,h,i]perylene	276		16.356					9

QC Flag Legend

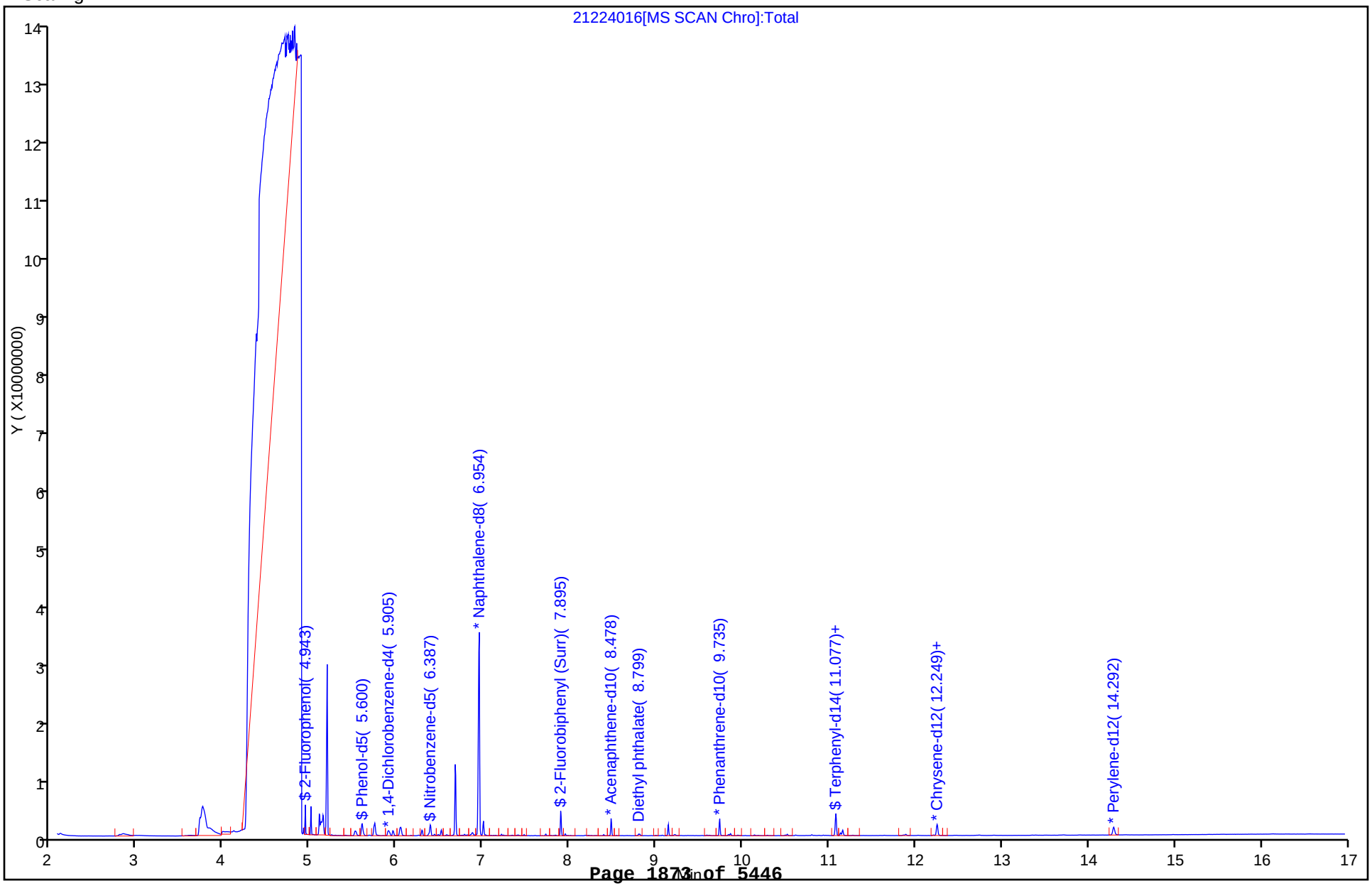
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9 - Failed A Reference Spectral Test

Report Date: 26-Dec-2012 13:04:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224016.D		
Injection Date:	24-Dec-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0107M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

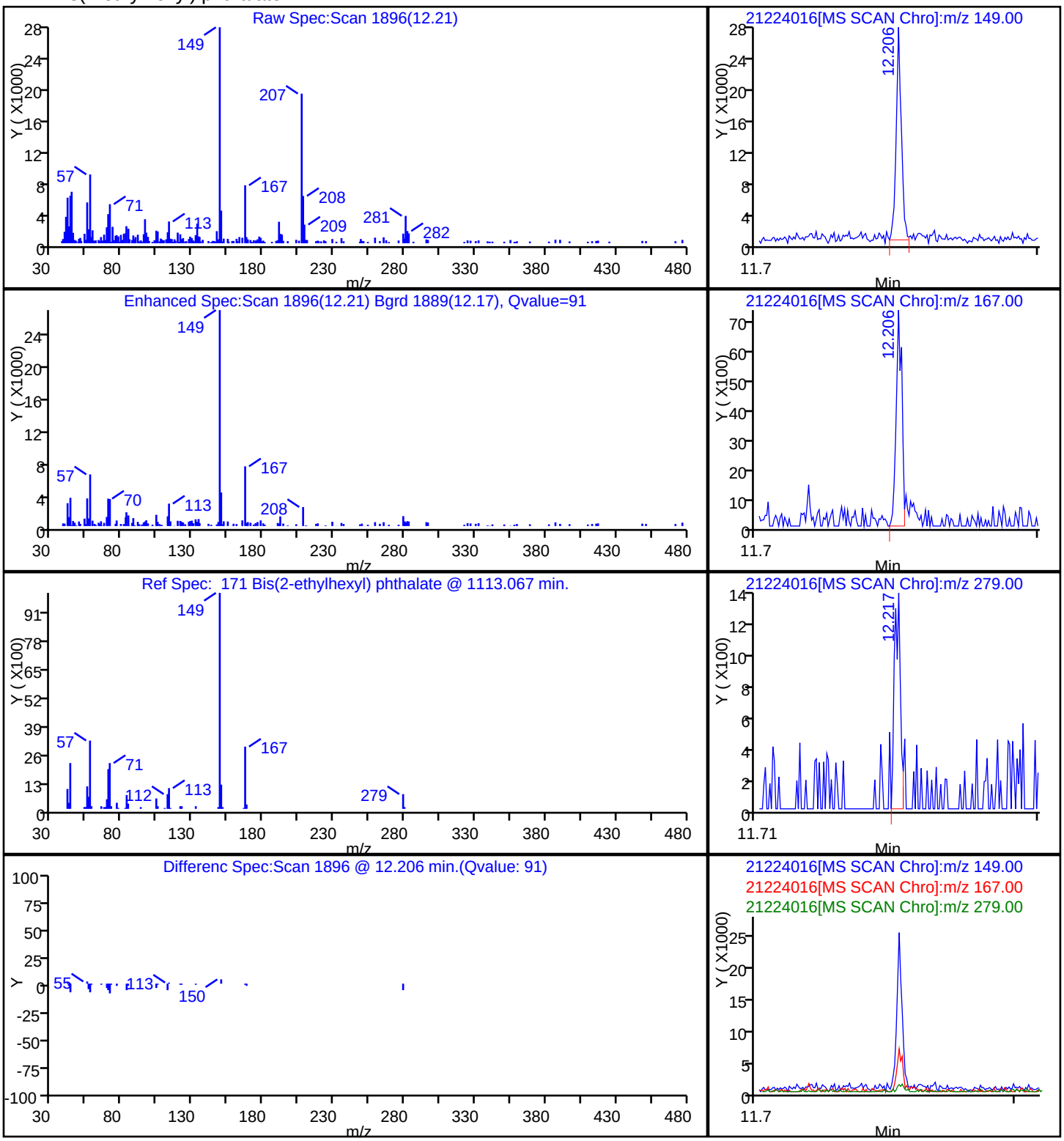


Report Date: 26-Dec-2012 13:04:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224016.D		
Injection Date:	24-Dec-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0107M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate

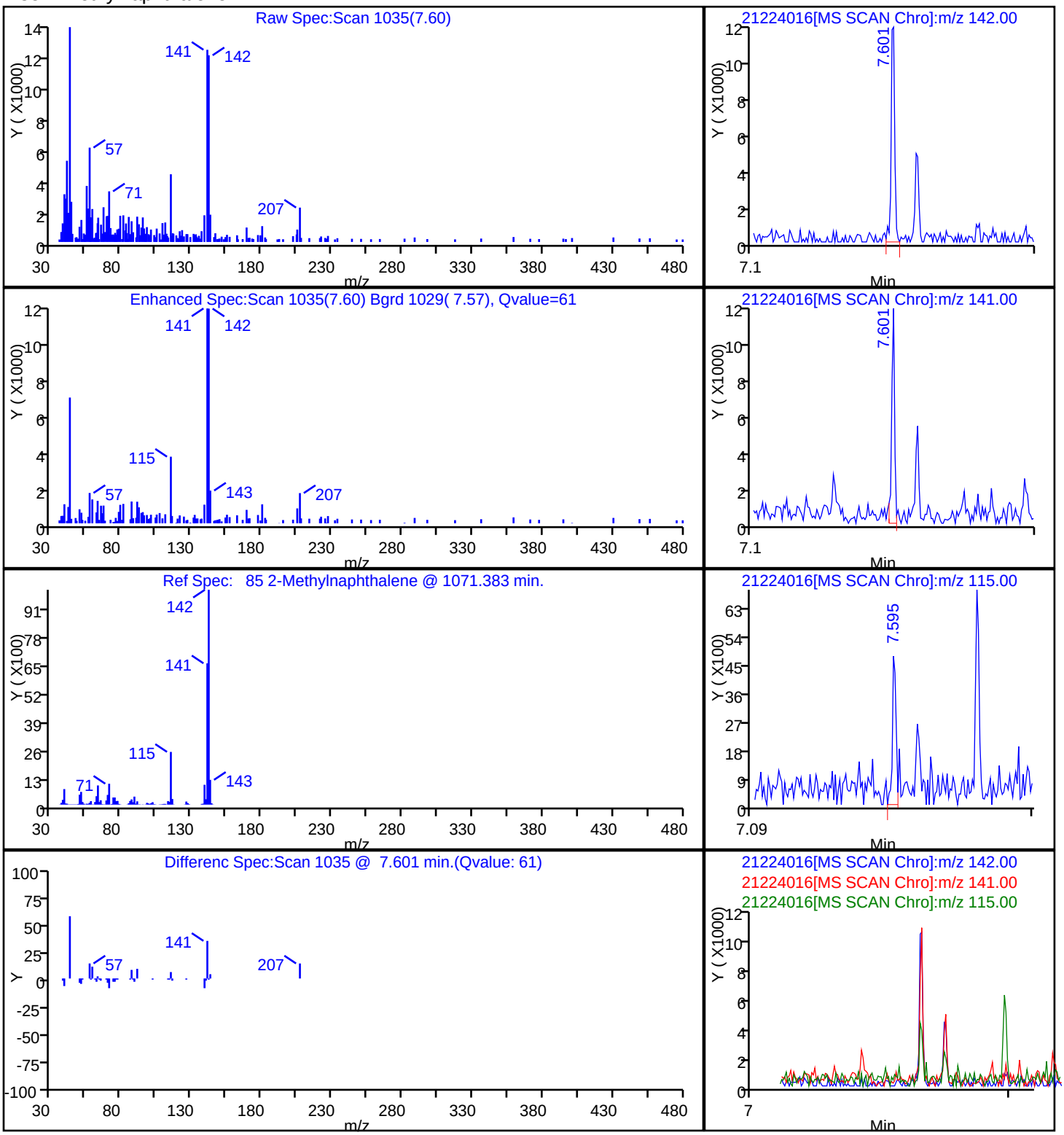


Report Date: 26-Dec-2012 13:04:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224016.D		
Injection Date:	24-Dec-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0107M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0108M-0001-SO | Lab Sample ID: 240-18544-27

Matrix: Solid | Lab File ID: 21224015.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:50

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.06(g) | Date Analyzed: 12/24/2012 14:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	19	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0108M-0001-SO | Lab Sample ID: 240-18544-27

Matrix: Solid | Lab File ID: 21224015.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:50

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.06(g) | Date Analyzed: 12/24/2012 14:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	4.8	J	6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0108M-0001-SO | Lab Sample ID: 240-18544-27

Matrix: Solid | Lab File ID: 21224015.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:50

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.06(g) | Date Analyzed: 12/24/2012 14:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	50		45-105
367-12-4	2-Fluorophenol (Surr)	57		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	48		35-100
4165-62-2	Phenol-d5 (Surr)	62		40-100
1718-51-0	Terphenyl-d14 (Surr)	56		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	42		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224015.D
Lims ID: 240-18544-E-27-D
Client ID: 076SB-0108M-0001-SO
Inject. Date: 24-Dec-2012 14:18:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-015
Misc. Info.: 240-18544-E-27-D
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 15
Lims Batch ID: 69977
Lims Sample ID: 15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj
Date: 26-Dec-2012 12:56:27

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.895	5.873	0.022	95	221797	4.00	
* 2 Naphthalene-d8	136	6.996	6.991	0.005	99	862867	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	90	512281	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	95	827906	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	94	851085	4.00	
* 6 Perylene-d12	264	14.287	14.292	-0.005	96	716163	4.00	
$ 7 2-Fluorophenol	112	4.825	4.616	0.209	92	579274	8.51	
$ 8 Phenol-d5	99	5.558	5.515	0.043	96	838103	9.25	
$ 9 Nitrobenzene-d5	82	6.376	6.360	0.016	93	460665	4.85	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	100	923397	5.03	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	91	109739	6.37	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	99	977849	5.62	
41 Phenol	94		5.531					9
44 Bis(2-chloroethyl)ether	93		5.627					9
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					9
48 1,4-Dichlorobenzene	146	5.905	5.889	0.016	54	9820	0.1216	
49 Benzyl alcohol	108		5.985					
50 1,2-Dichlorobenzene	146		6.028					9
51 2-Methylphenol	108		6.076					9
52 2,2'-oxybis[1-chloropropane]	45		6.108					
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					
60 Hexachloroethane	117		6.328					
61 Nitrobenzene	77		6.376					
63 Isophorone	82		6.579					
65 2-Nitrophenol	139		6.654					
64 2,4-Dimethylphenol	107		6.670					
69 Benzoic acid	122		6.729					9
68 Bis(2-chloroethoxy)methane	93		6.756					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128		7.007					9
74 4-Chloroaniline	127		7.039					
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					9
85 2-Methylnaphthalene	142	7.595	7.595	0.0	75	9918	0.0717	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					9
91 2,4,5-Trichlorophenol	196		7.852					9
98 2-Chloronaphthalene	162		8.013					
100 2-Nitroaniline	65		8.082					9
103 Dimethyl phthalate	163		8.221					
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					
108 3-Nitroaniline	138		8.424					9
110 Acenaphthene	153		8.510					9
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					9
114 Dibenzofuran	168		8.654					
119 Diethyl phthalate	149	8.810	8.809	0.001	70	15411	0.1049	
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					9
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					9
146 Phenanthrene	178		9.756					9
147 Anthracene	178		9.799					9
149 Carbazole	167		9.922					9
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202		10.762					9
160 Pyrene	202		10.965					9
166 Butyl benzyl phthalate	149		11.548					9
173 3,3'-Dichlorobenzidine	252		12.184					
171 Bis(2-ethylhexyl) phthalate	149	12.211	12.211	0.0	84	21537	0.2857	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					9
178 Di-n-octyl phthalate	149		13.099					
180 Benzo[b]fluoranthene	252		13.720					
181 Benzo[k]fluoranthene	252		13.757					
182 Benzo[a]pyrene	252		14.212					
186 Indeno[1,2,3-cd]pyrene	276		15.923					9
187 Dibenz(a,h)anthracene	278		15.950					
188 Benzo[g,h,i]perylene	276		16.356					9

QC Flag Legend

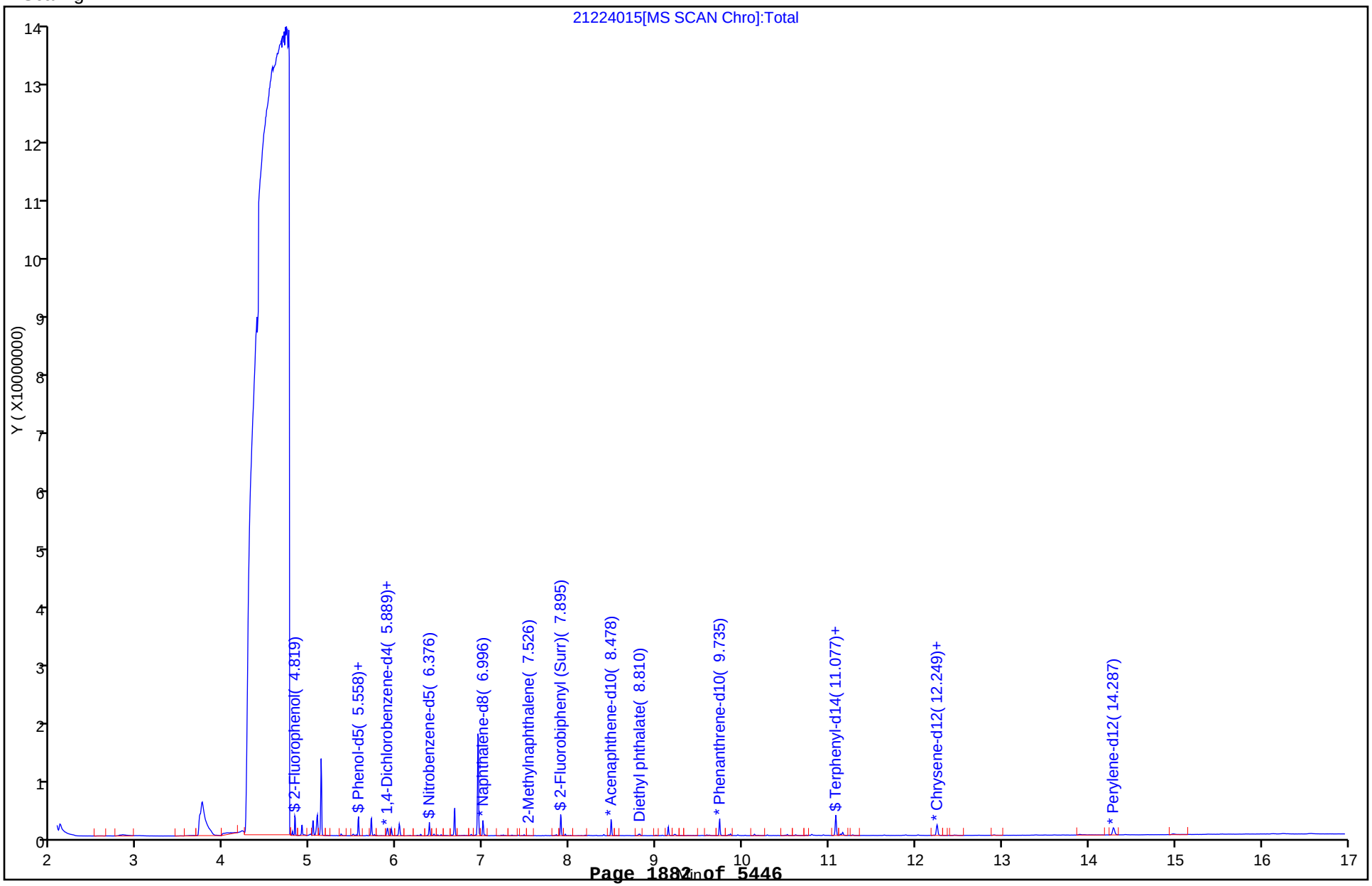
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 26-Dec-2012 13:04:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224015.D		
Injection Date:	24-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0108M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



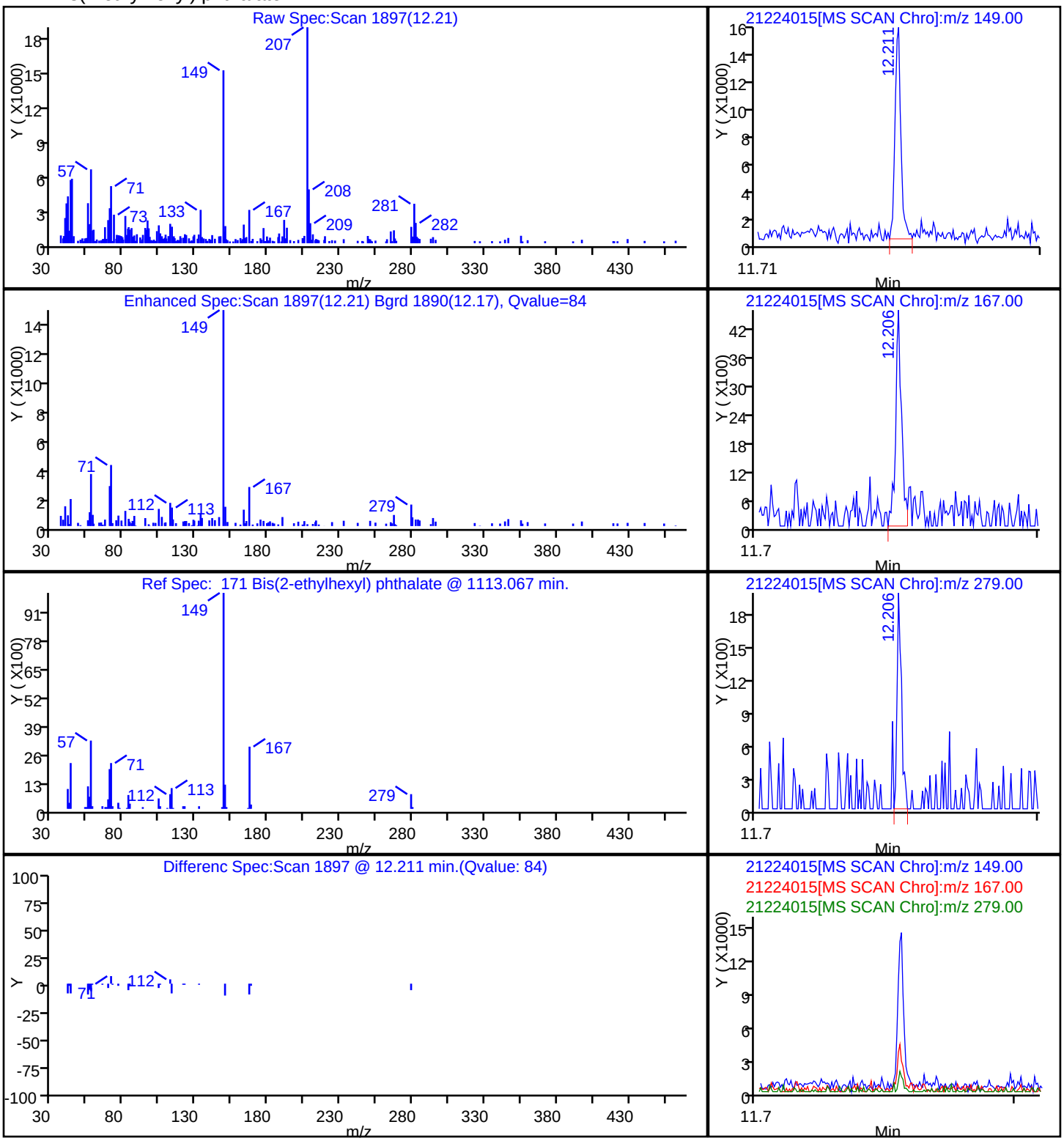
Report Date: 26-Dec-2012 13:04:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224015.D

Injection Date:	24-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0108M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate

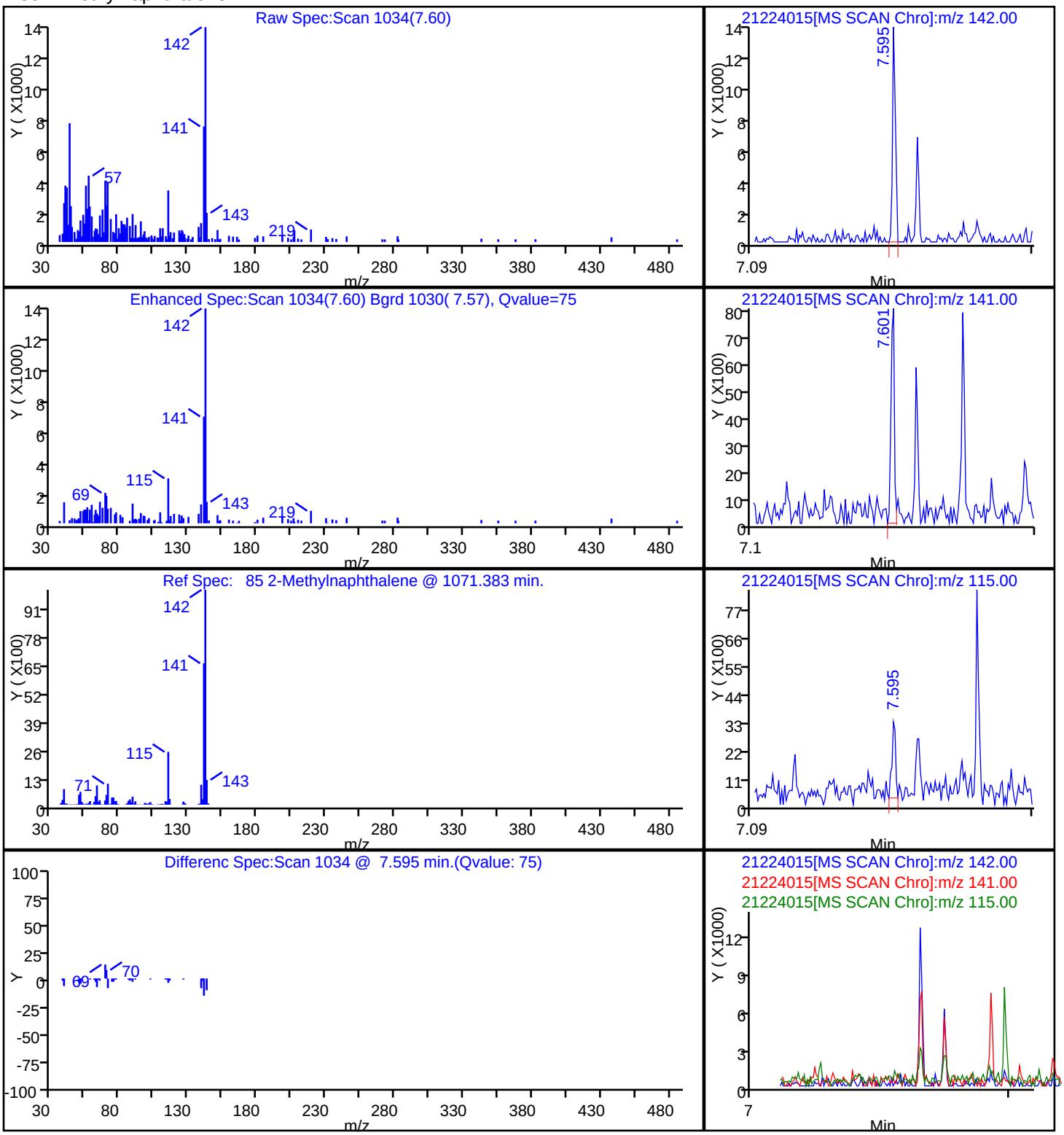


Report Date: 26-Dec-2012 13:04:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224015.D		
Injection Date:	24-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0108M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0109M-0001-SO | Lab Sample ID: 240-18544-28

Matrix: Solid | Lab File ID: 21224017.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:05

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.78(g) | Date Analyzed: 12/24/2012 15:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	660	340	340
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	21	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0109M-0001-SO | Lab Sample ID: 240-18544-28

Matrix: Solid | Lab File ID: 21224017.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:05

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.78(g) | Date Analyzed: 12/24/2012 15:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	5.0	J	6.7	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	400	81	20
91-20-3	Naphthalene	5.4	J	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	3.3	U	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0109M-0001-SO | Lab Sample ID: 240-18544-28

Matrix: Solid | Lab File ID: 21224017.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 16:05

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.78(g) | Date Analyzed: 12/24/2012 15:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	56		45-105
367-12-4	2-Fluorophenol (Surr)	63		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	58		35-100
4165-62-2	Phenol-d5 (Surr)	69		40-100
1718-51-0	Terphenyl-d14 (Surr)	64		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	59		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224017.D
Lims ID: 240-18544-E-28-D
Client ID: 076SB-0109M-0001-SO
Inject. Date: 24-Dec-2012 15:04:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-017
Misc. Info.: 240-18544-E-28-D
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 17
Lims Batch ID: 69977
Lims Sample ID: 17
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj
Date: 26-Dec-2012 12:57:27

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.900	5.873	0.027	98	222284	4.00	
* 2 Naphthalene-d8	136	7.002	6.991	0.011	99	863205	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	92	511063	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	97	840513	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	94	841449	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	96	708759	4.00	
$ 7 2-Fluorophenol	112	4.905	4.616	0.289	89	649477	9.52	
$ 8 Phenol-d5	99	5.574	5.515	0.059	97	940020	10.4	
$ 9 Nitrobenzene-d5	82	6.387	6.360	0.027	92	551270	5.80	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	1034600	5.65	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	88	152717	8.89	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	98	1096488	6.37	
41 Phenol	94		5.531					9
44 Bis(2-chloroethyl)ether	93		5.627					
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					9
48 1,4-Dichlorobenzene	146	5.916	5.889	0.027	51	10217	0.1262	
49 Benzyl alcohol	108		5.985					9
50 1,2-Dichlorobenzene	146		6.028					
51 2-Methylphenol	108		6.076					9
52 2,2'-oxybis[1-chloropropane]	45		6.108					9
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					
60 Hexachloroethane	117		6.328					
61 Nitrobenzene	77		6.376					
63 Isophorone	82		6.579					9
65 2-Nitrophenol	139		6.654					
64 2,4-Dimethylphenol	107		6.670					
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128	7.018	7.007	0.011	61	16924	0.0802	
74 4-Chloroaniline	127		7.039					9
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					
85 2-Methylnaphthalene	142	7.601	7.595	0.006	63	10223	0.0739	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					
98 2-Chloronaphthalene	162		8.013					
100 2-Nitroaniline	65		8.082					9
103 Dimethyl phthalate	163		8.221					9
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					
108 3-Nitroaniline	138		8.424					
110 Acenaphthene	153		8.510					9
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					9
114 Dibenzofuran	168		8.654					
119 Diethyl phthalate	149	8.810	8.809	0.001	86	18837	0.1285	
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					9
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					9
146 Phenanthrene	178		9.756					9
147 Anthracene	178		9.799					
149 Carbazole	167		9.922					
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202		10.762					9
160 Pyrene	202		10.965					
166 Butyl benzyl phthalate	149		11.548					
173 3,3'-Dichlorobenzidine	252		12.184					
171 Bis(2-ethylhexyl) phthalate	149	12.211	12.211	0.0	87	24972	0.3115	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					9
178 Di-n-octyl phthalate	149		13.099					
180 Benzo[b]fluoranthene	252		13.720					2
181 Benzo[k]fluoranthene	252		13.757					2
182 Benzo[a]pyrene	252		14.212					9
186 Indeno[1,2,3-cd]pyrene	276		15.923					9
187 Dibenz(a,h)anthracene	278		15.950					
188 Benzo[g,h,i]perylene	276		16.356					9

QC Flag Legend

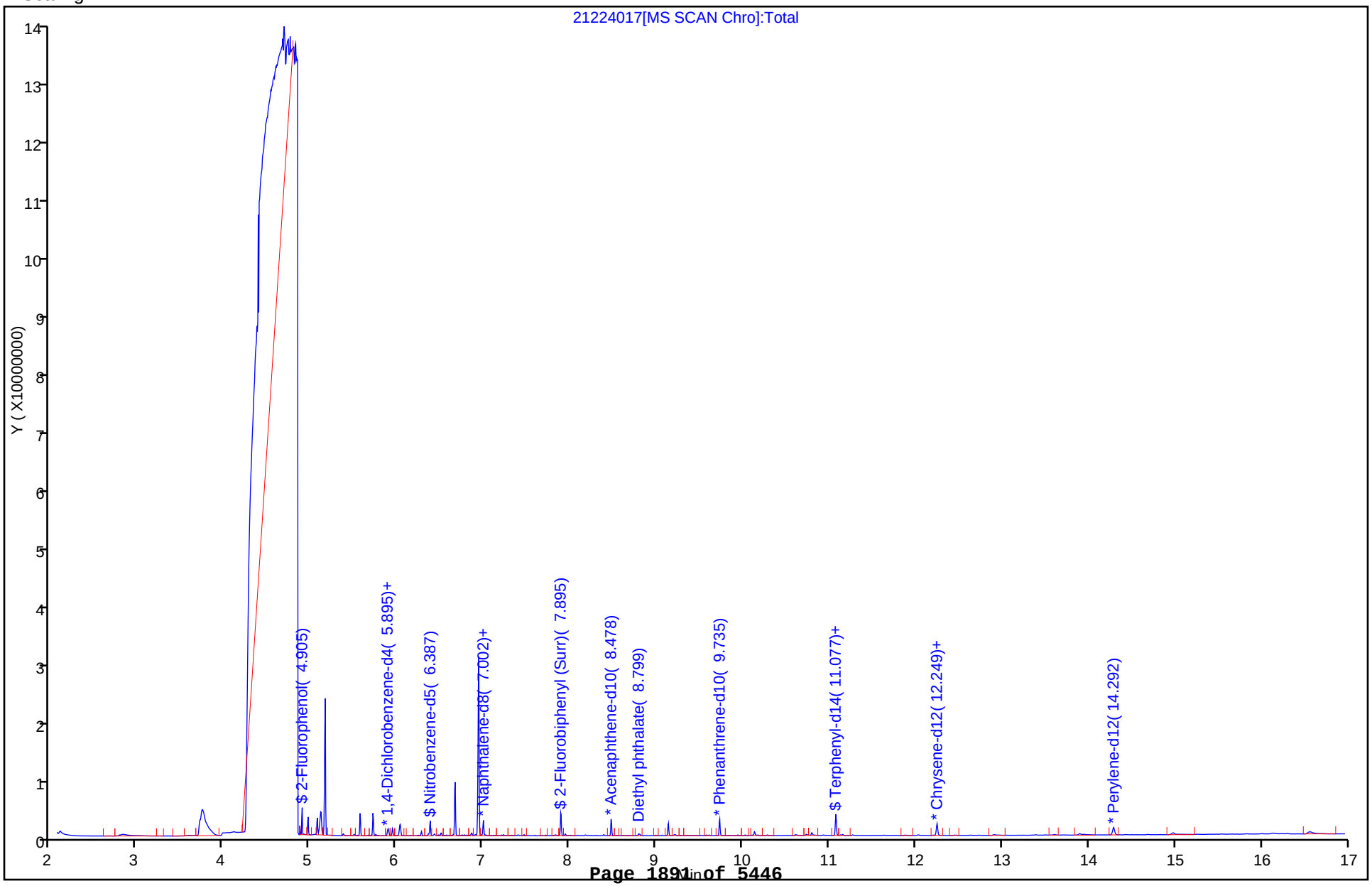
Processing Flags
2 - Failed Coelution Test
9 - Failed A Reference Spectral Test

Report Date: 26-Dec-2012 13:04:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224017.D		
Injection Date:	24-Dec-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0109M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

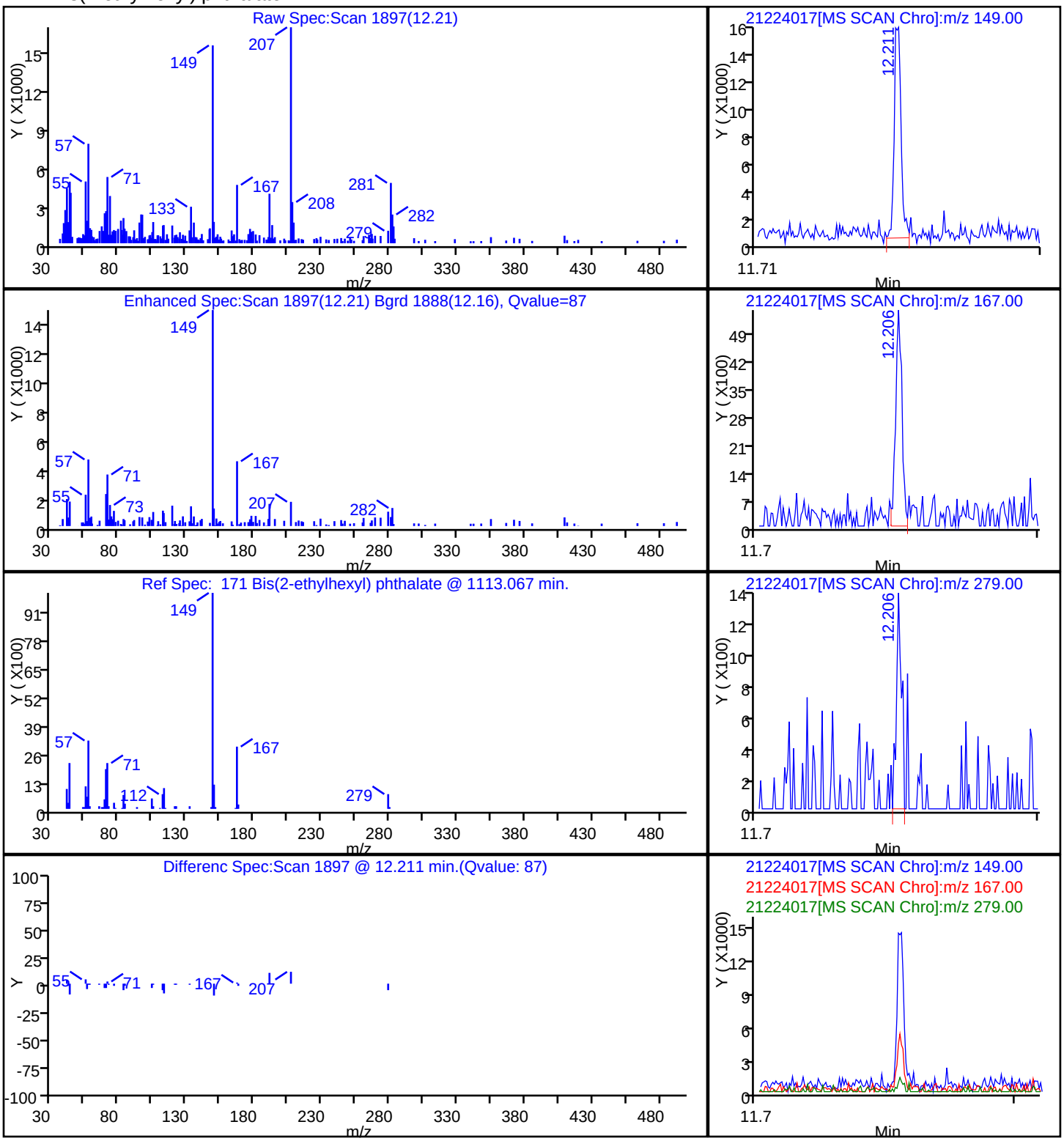


Report Date: 26-Dec-2012 13:04:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224017.D		
Injection Date:	24-Dec-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0109M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



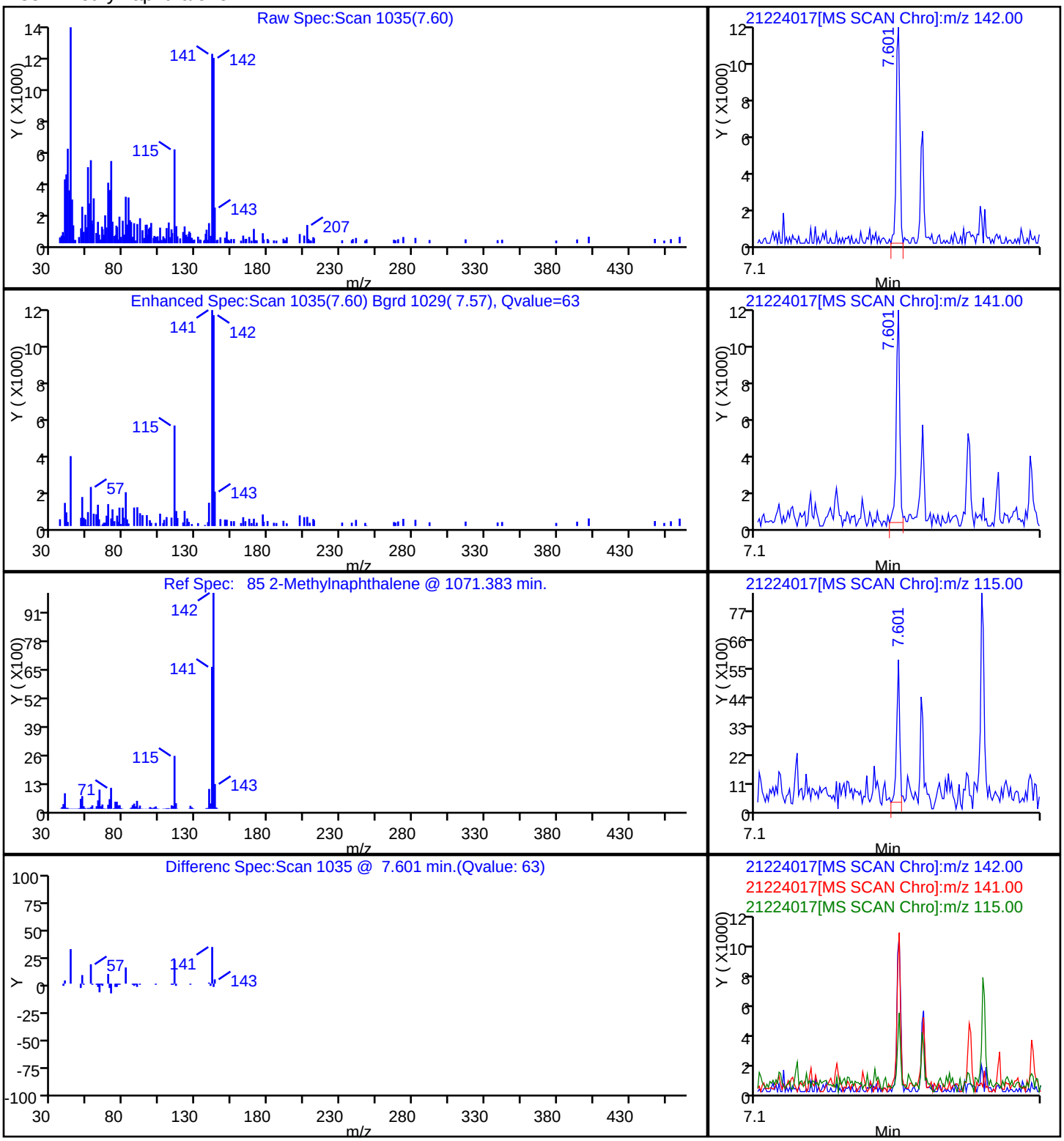
Report Date: 26-Dec-2012 13:04:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224017.D

Injection Date:	24-Dec-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0109M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



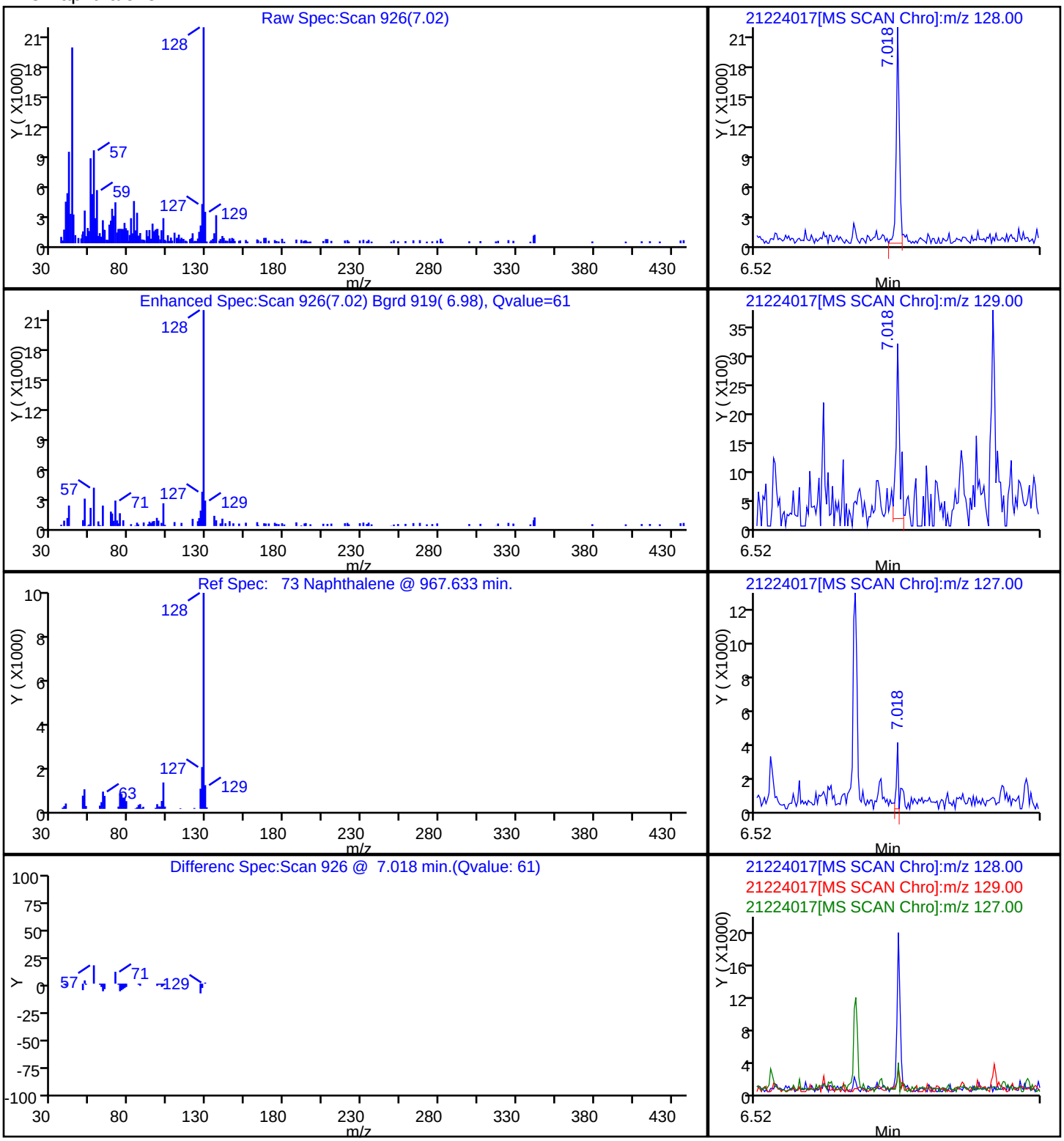
Report Date: 26-Dec-2012 13:04:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224017.D

Injection Date:	24-Dec-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0109M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0110M-0001-SO | Lab Sample ID: 240-18544-29

Matrix: Solid | Lab File ID: 21224022.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:04

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.16(g) | Date Analyzed: 12/24/2012 17:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	3.3	U	6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	21		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	20		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	30	M	6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	12	M	6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	7.7	M	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	99	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	36	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	9.9
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	20		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	3.4	J	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.6
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	99	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0110M-0001-SO | Lab Sample ID: 240-18544-29

Matrix: Solid | Lab File ID: 21224022.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:04

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.16(g) | Date Analyzed: 12/24/2012 17:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	22		6.6	3.3	3.3
86-73-7	Fluorene	3.3	U	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	12		6.6	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	10		6.6	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	8.7		6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	99	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.6	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	20		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0110M-0001-SO | Lab Sample ID: 240-18544-29

Matrix: Solid | Lab File ID: 21224022.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:04

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.16(g) | Date Analyzed: 12/24/2012 17:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	54		45-105
367-12-4	2-Fluorophenol (Surr)	64		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	56		35-100
4165-62-2	Phenol-d5 (Surr)	73		40-100
1718-51-0	Terphenyl-d14 (Surr)	62		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	65		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D
Lims ID: 240-18544-E-29-D
Client ID: 076SB-0110M-0001-SO
Inject. Date: 24-Dec-2012 17:01:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-022
Misc. Info.: 240-18544-E-29-D
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 22
Lims Batch ID: 69977
Lims Sample ID: 22
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj
Date: 26-Dec-2012 13:01:47

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.900	5.873	0.027	96	222919	4.00	
* 2 Naphthalene-d8	136	7.002	6.991	0.011	99	892375	4.00	
* 3 Acenaphthene-d10	164	8.483	8.478	0.005	86	536901	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	830813	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	98	876017	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	96	761649	4.00	
$ 7 2-Fluorophenol	112	4.921	4.616	0.305	87	657710	9.62	
$ 8 Phenol-d5	99	5.579	5.515	0.064	96	996143	10.9	
$ 9 Nitrobenzene-d5	82	6.387	6.360	0.026	94	553432	5.63	
$ 10 2-Fluorobiphenyl (Surr)	172	7.900	7.895	0.005	99	1048351	5.45	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	86	177348	9.82	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	99	1110061	6.19	
41 Phenol	94		5.531					
44 Bis(2-chloroethyl)ether	93		5.627					
46 2-Chlorophenol	128		5.681					
47 1,3-Dichlorobenzene	146		5.825					9
48 1,4-Dichlorobenzene	146		5.889					9
49 Benzyl alcohol	108		5.985					9
50 1,2-Dichlorobenzene	146		6.028					
51 2-Methylphenol	108		6.076					9
52 2,2'-oxybis[1-chloropropane]	45		6.108					9
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					
60 Hexachloroethane	117		6.328					
61 Nitrobenzene	77		6.376					9
63 Isophorone	82	6.600	6.579	0.021	53	16254	0.1098	
65 2-Nitrophenol	139		6.654					
64 2,4-Dimethylphenol	107		6.670					
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128	7.018	7.007	0.011	60	28711	0.1316	
74 4-Chloroaniline	127		7.039					
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					
85 2-Methylnaphthalene	142	7.601	7.595	0.006	79	22570	0.1577	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					
98 2-Chloronaphthalene	162		8.013					9
100 2-Nitroaniline	65		8.082					9
103 Dimethyl phthalate	163		8.221					
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					
108 3-Nitroaniline	138		8.424					
110 Acenaphthene	153		8.510					
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					9
114 Dibenzofuran	168	8.654	8.654	0.0	69	10393	0.0513	
119 Diethyl phthalate	149	8.809	8.809	0.0	59	16964	0.1102	
121 4-Chlorophenyl phenyl ether	204		8.927					9
123 4-Nitroaniline	138		8.938					9
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					
146 Phenanthrene	178		9.756					9
147 Anthracene	178		9.799					
149 Carbazole	167		9.922					
151 Di-n-butyl phthalate	149	10.179	10.184	-0.005	81	30368	0.1259	
157 Fluoranthene	202	10.756	10.762	-0.006	93	80847	0.3303	
160 Pyrene	202	10.965	10.965	0.0	97	76751	0.3028	
166 Butyl benzyl phthalate	149		11.548					
173 3,3'-Dichlorobenzidine	252		12.184					9
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	94	60500	0.5435	
175 Benzo[a]anthracene	228	12.238	12.238	0.0	79	70407	0.3109	
176 Chrysene	228	12.281	12.286	-0.005	58	64125	0.2989	
178 Di-n-octyl phthalate	149		13.099					
180 Benzo[b]fluoranthene	252	13.725	13.720	0.005	1	101225	0.4451	M
181 Benzo[k]fluoranthene	252	13.752	13.757	-0.005	0	28414	0.1165	M
182 Benzo[a]pyrene	252	14.206	14.212	-0.006	58	65141	0.3047	
186 Indeno[1,2,3-cd]pyrene	276	15.923	15.923	0.0	77	41785	0.1842	
187 Dibenz(a,h)anthracene	278		15.950					
188 Benzo[g,h,i]perylene	276	16.346	16.356	-0.010	70	35652	0.1794	M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

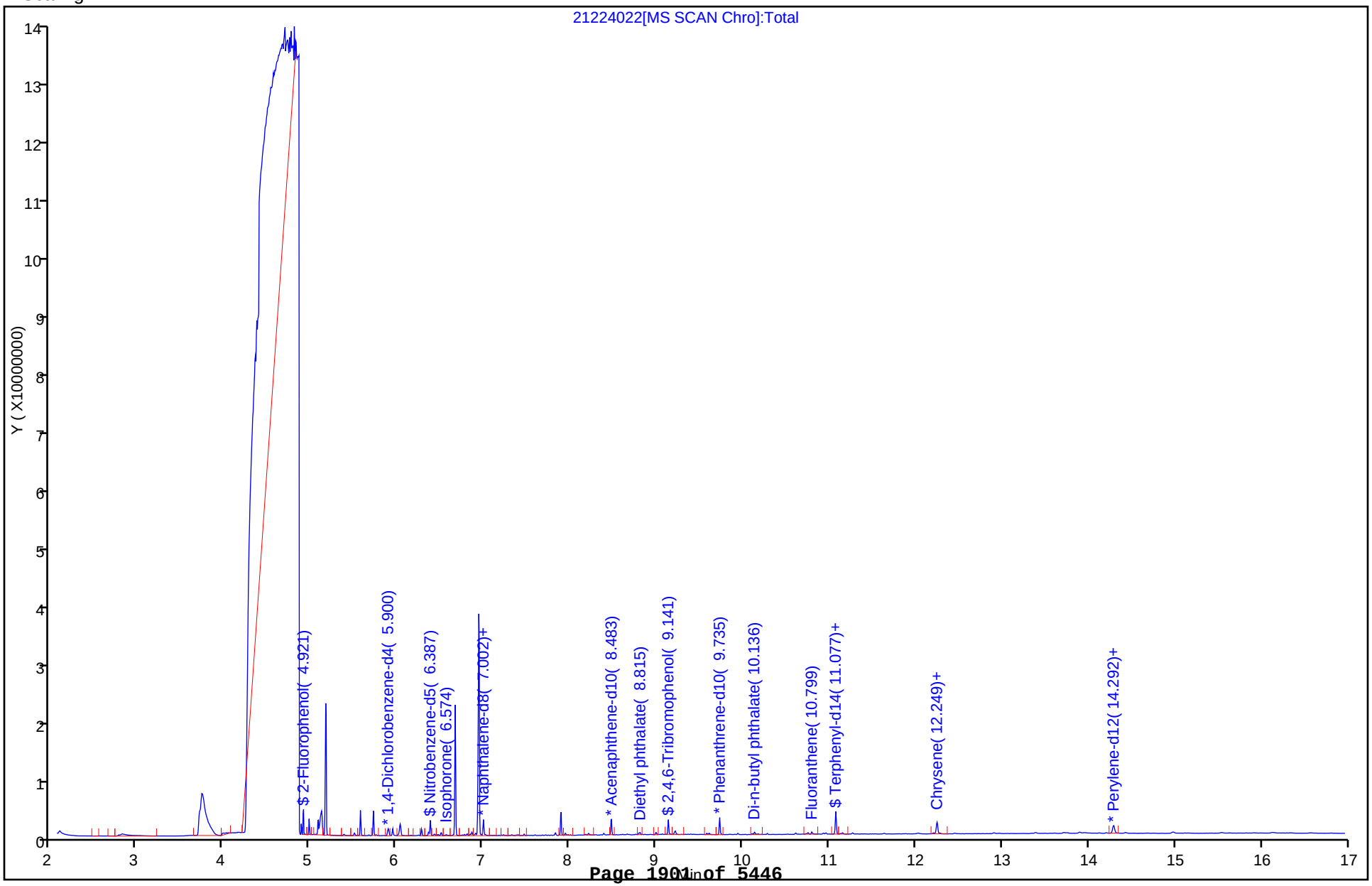
Review Flags
M - Manually Integrated

Report Date: 26-Dec-2012 13:04:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D		
Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



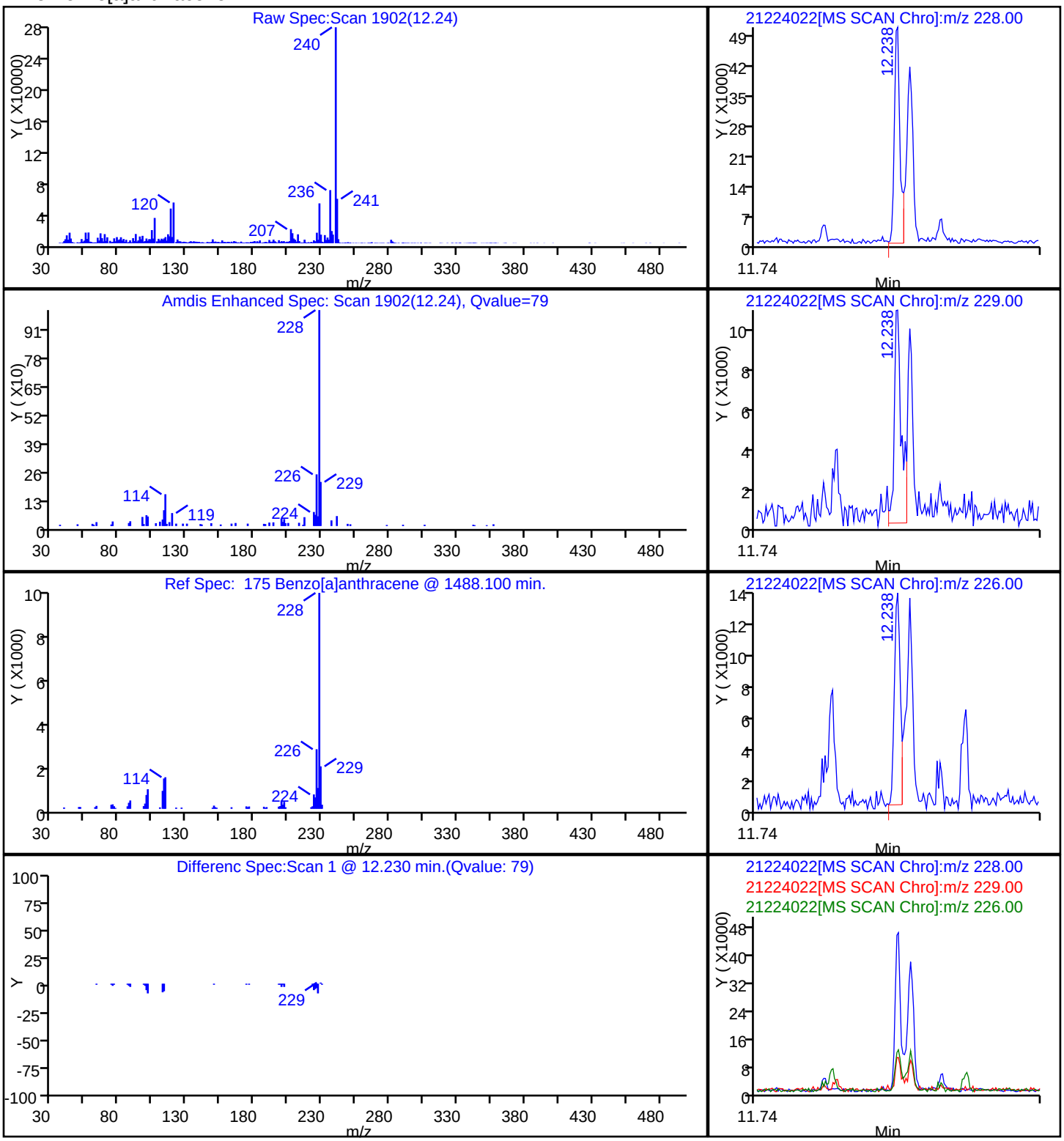
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D

Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



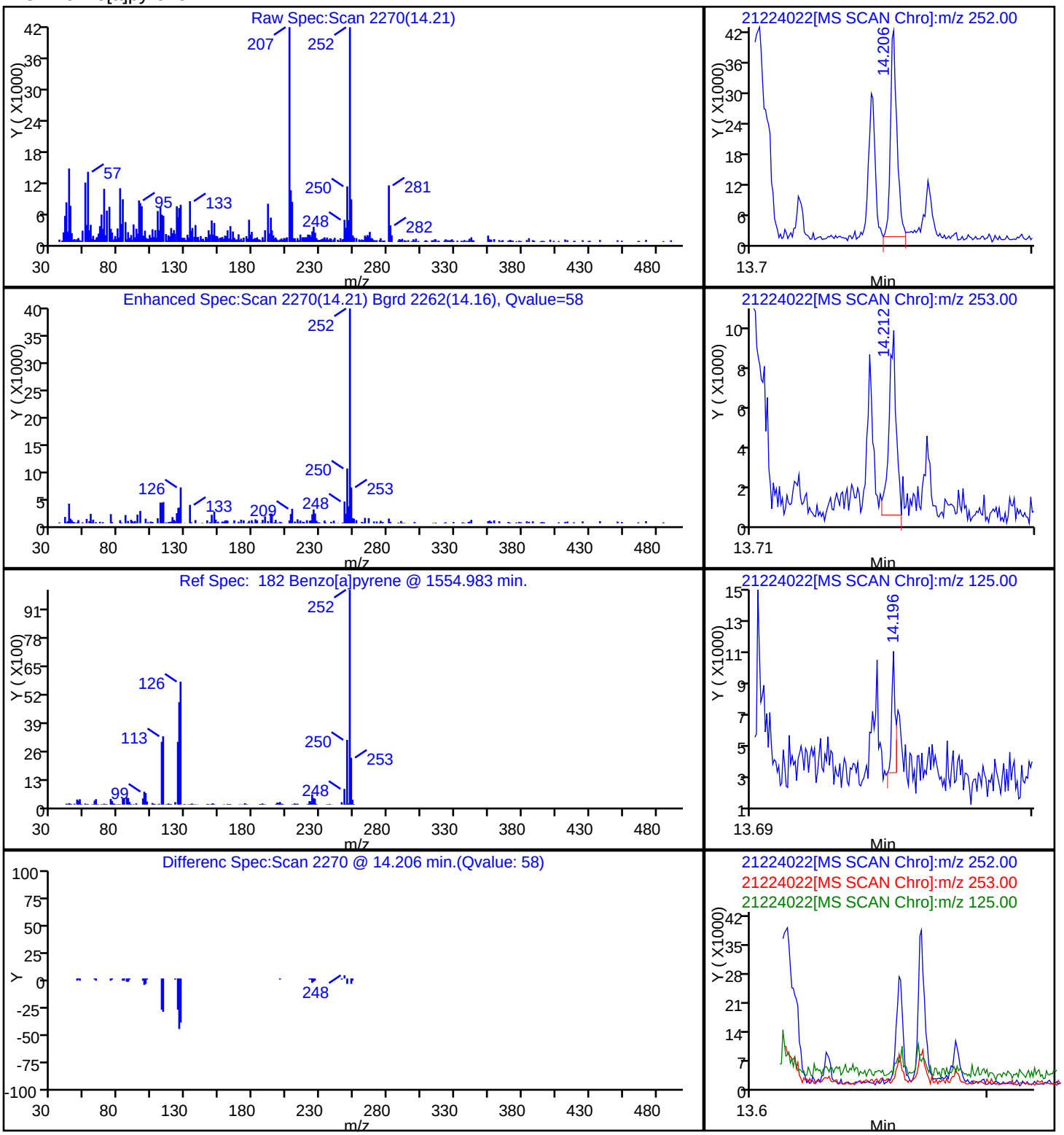
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D

Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



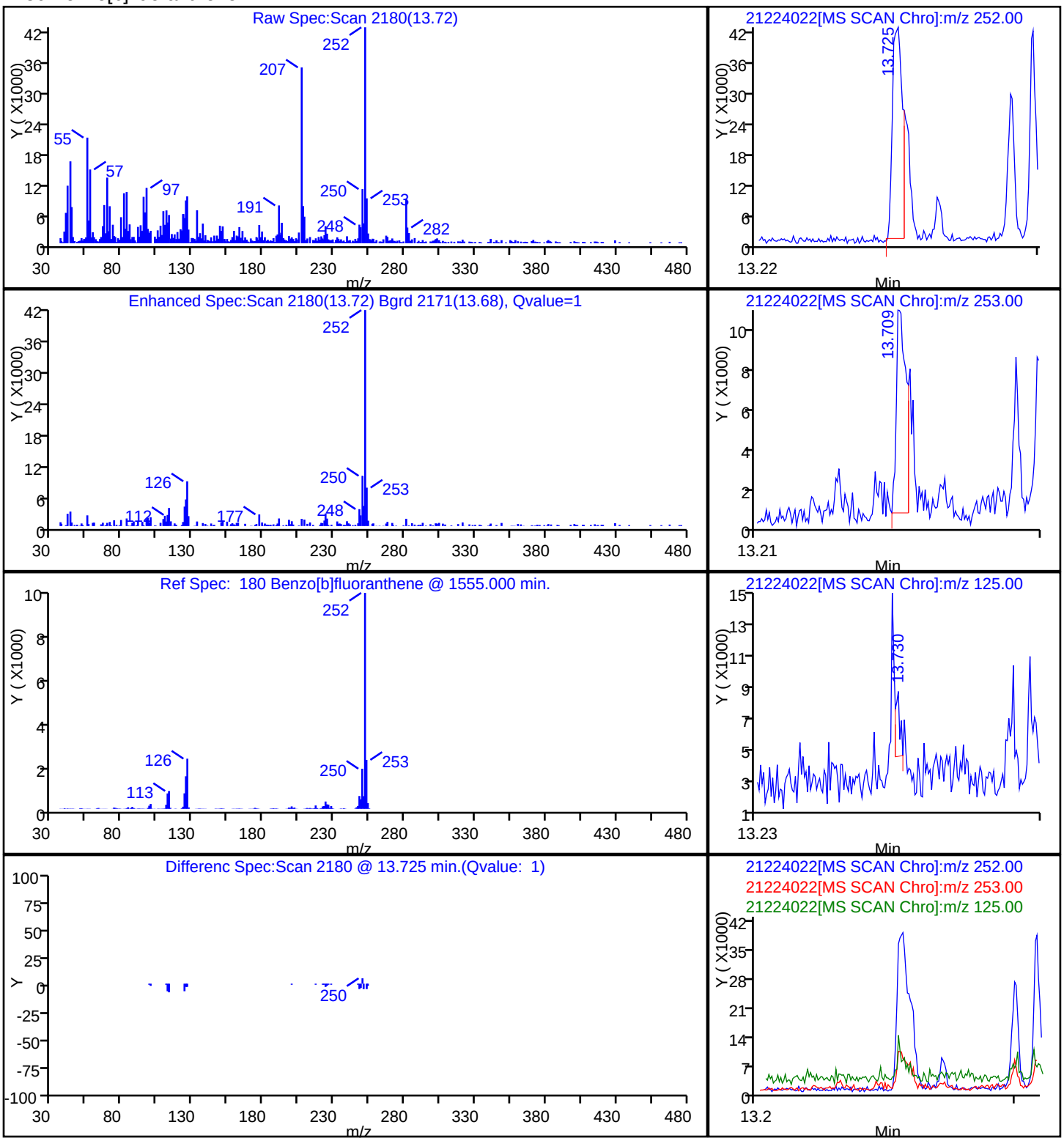
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TestAmerica Canton

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Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



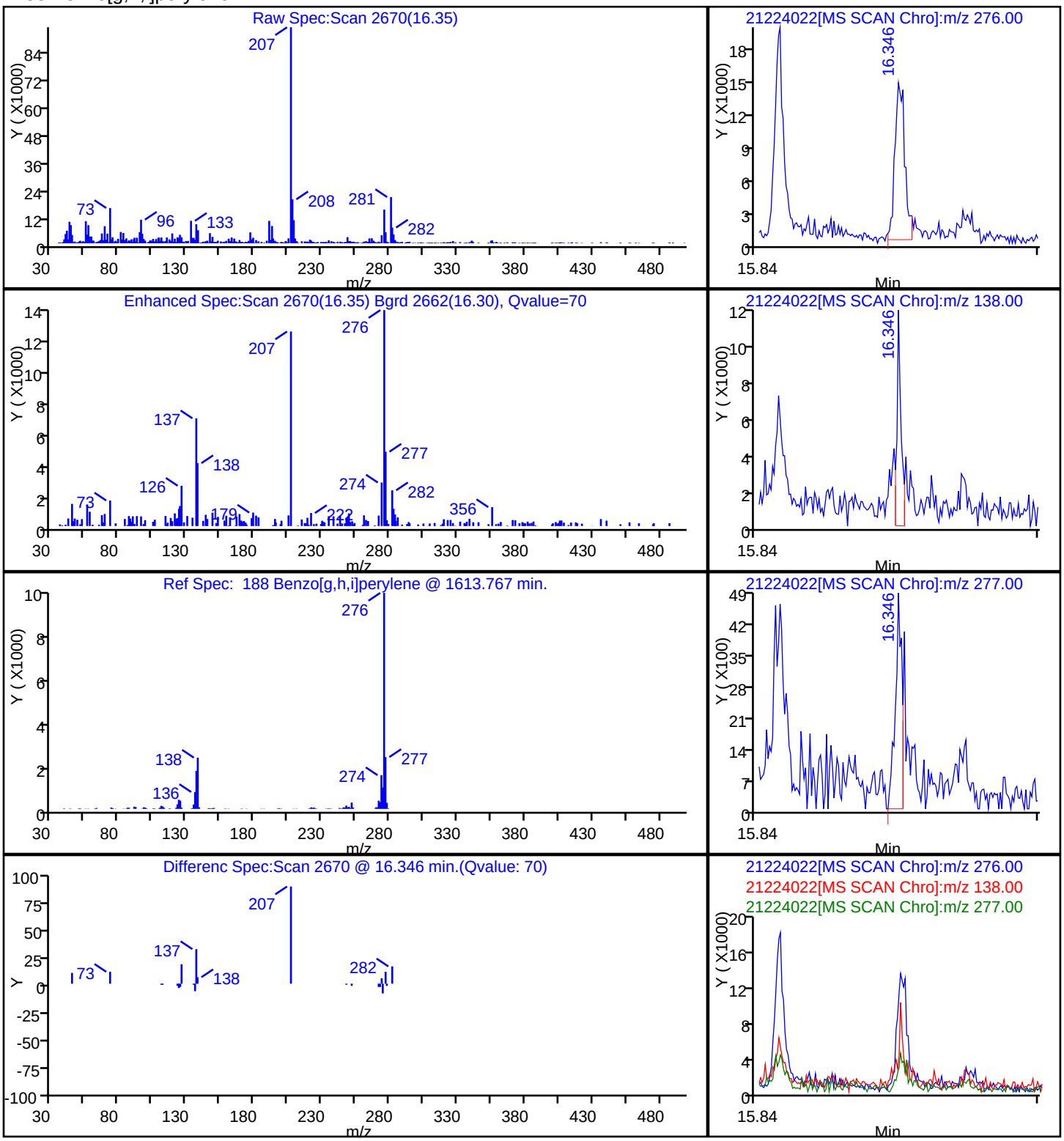
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TestAmerica Canton

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Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

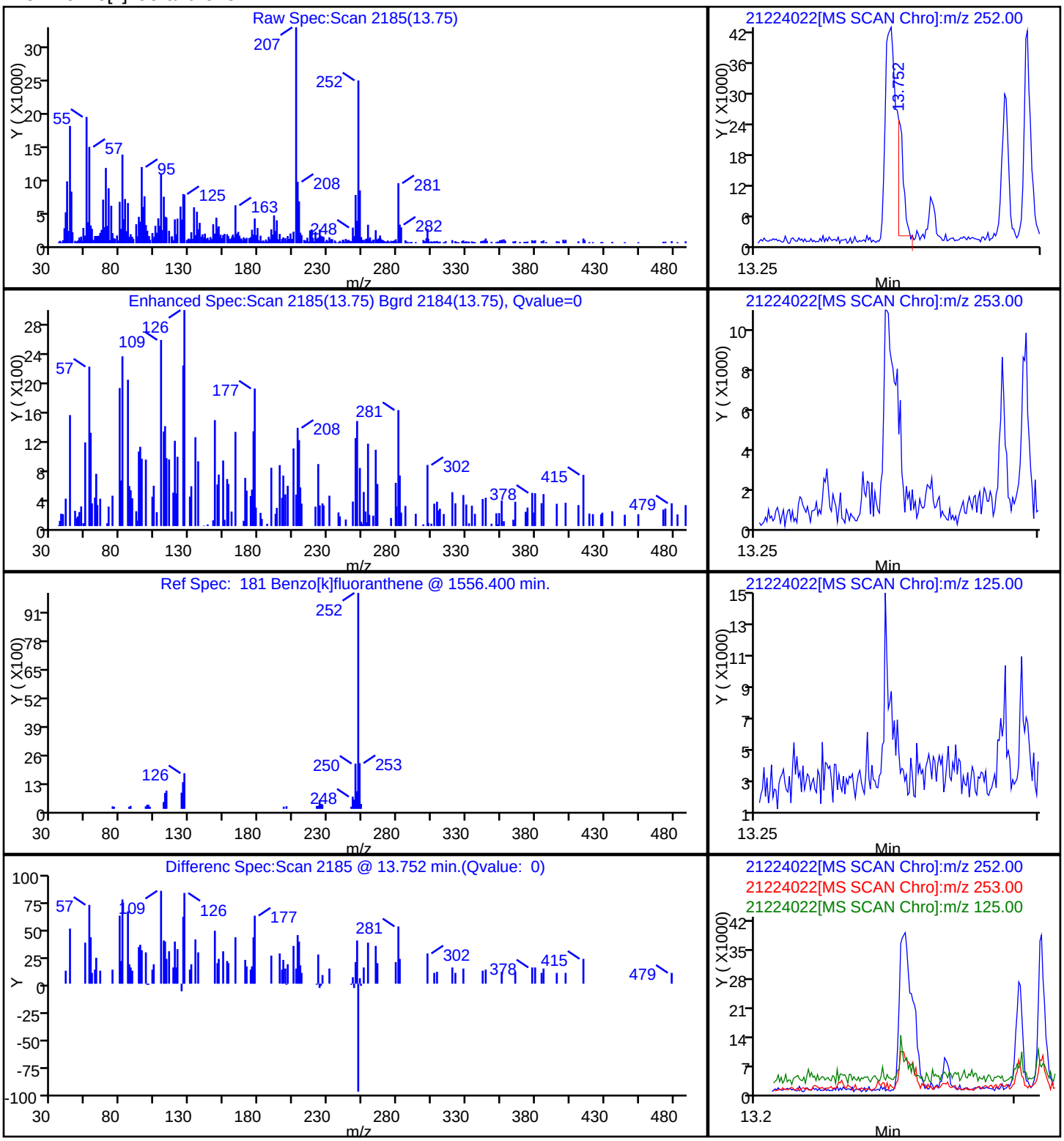


Report Date: 26-Dec-2012 13:04:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



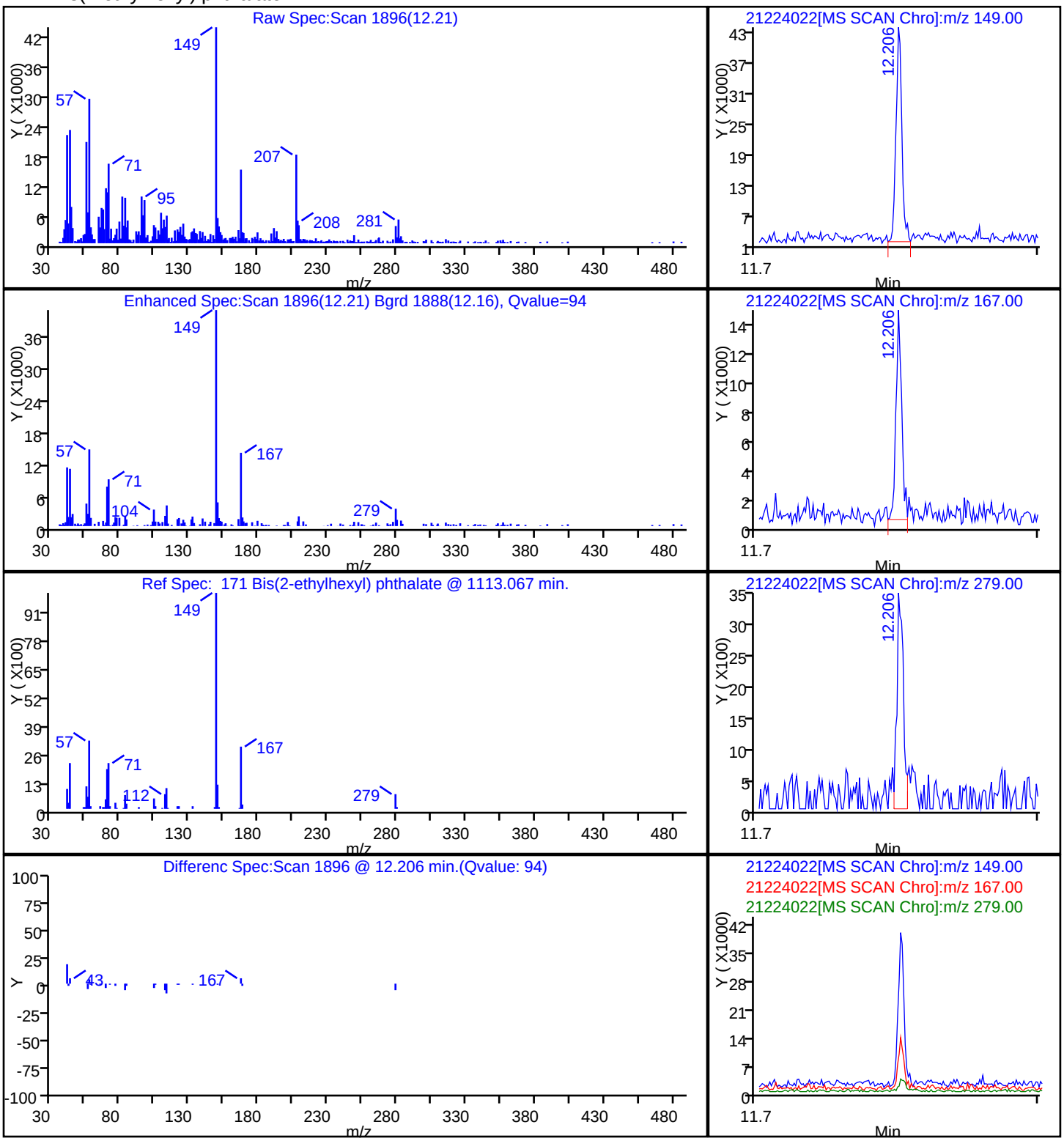
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D

Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



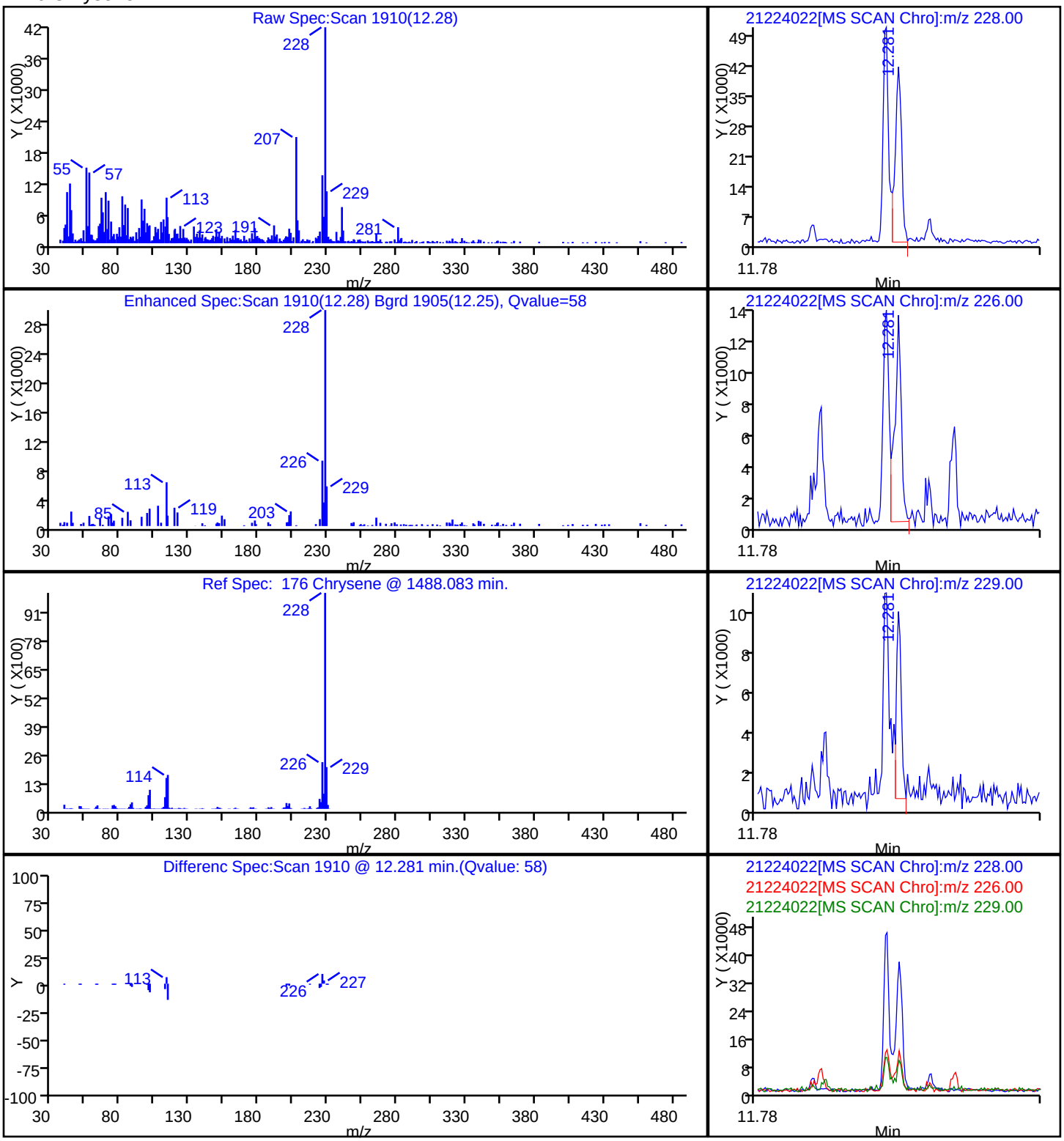
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D

Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



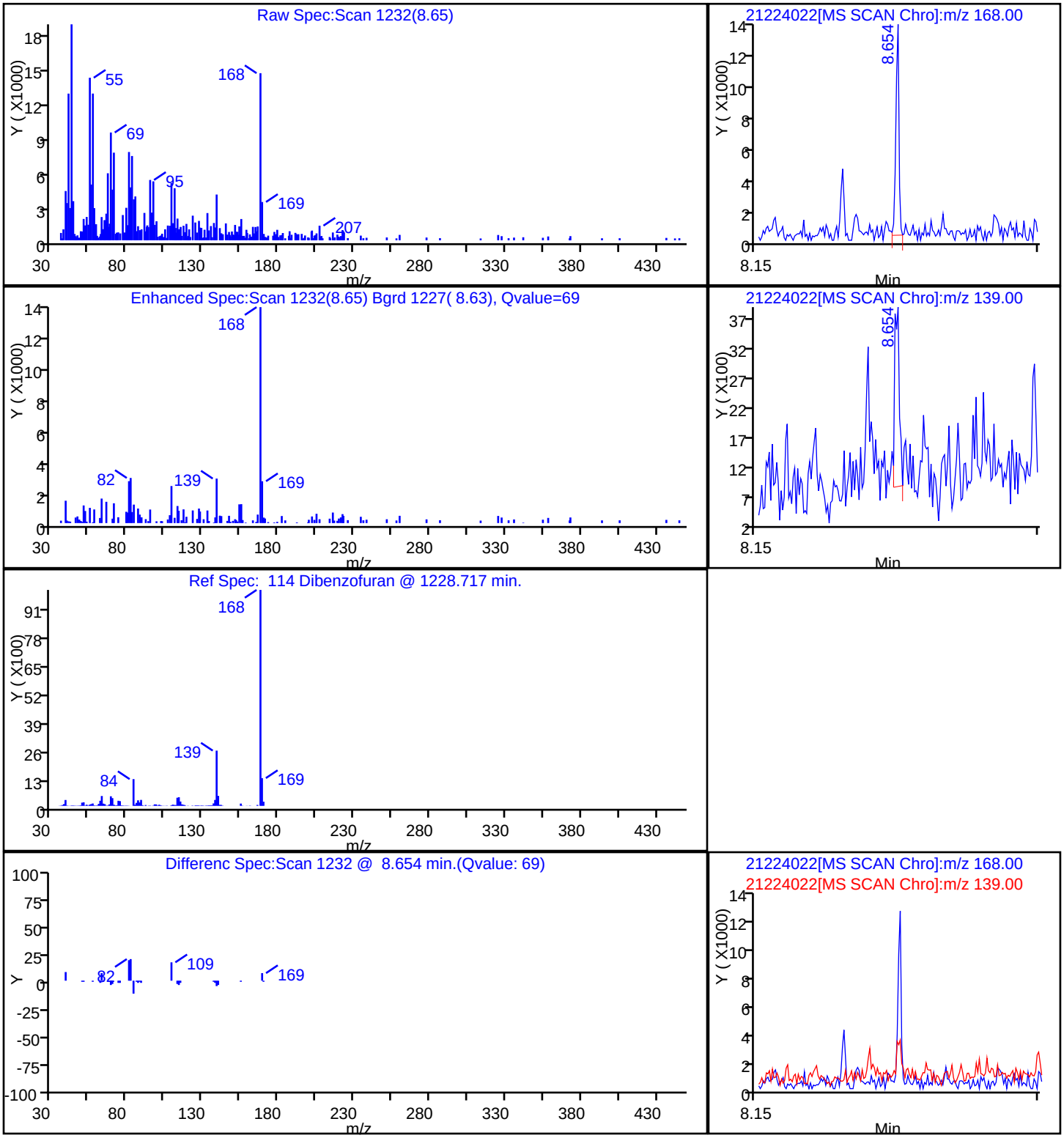
Report Date: 26-Dec-2012 13:04:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D

Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



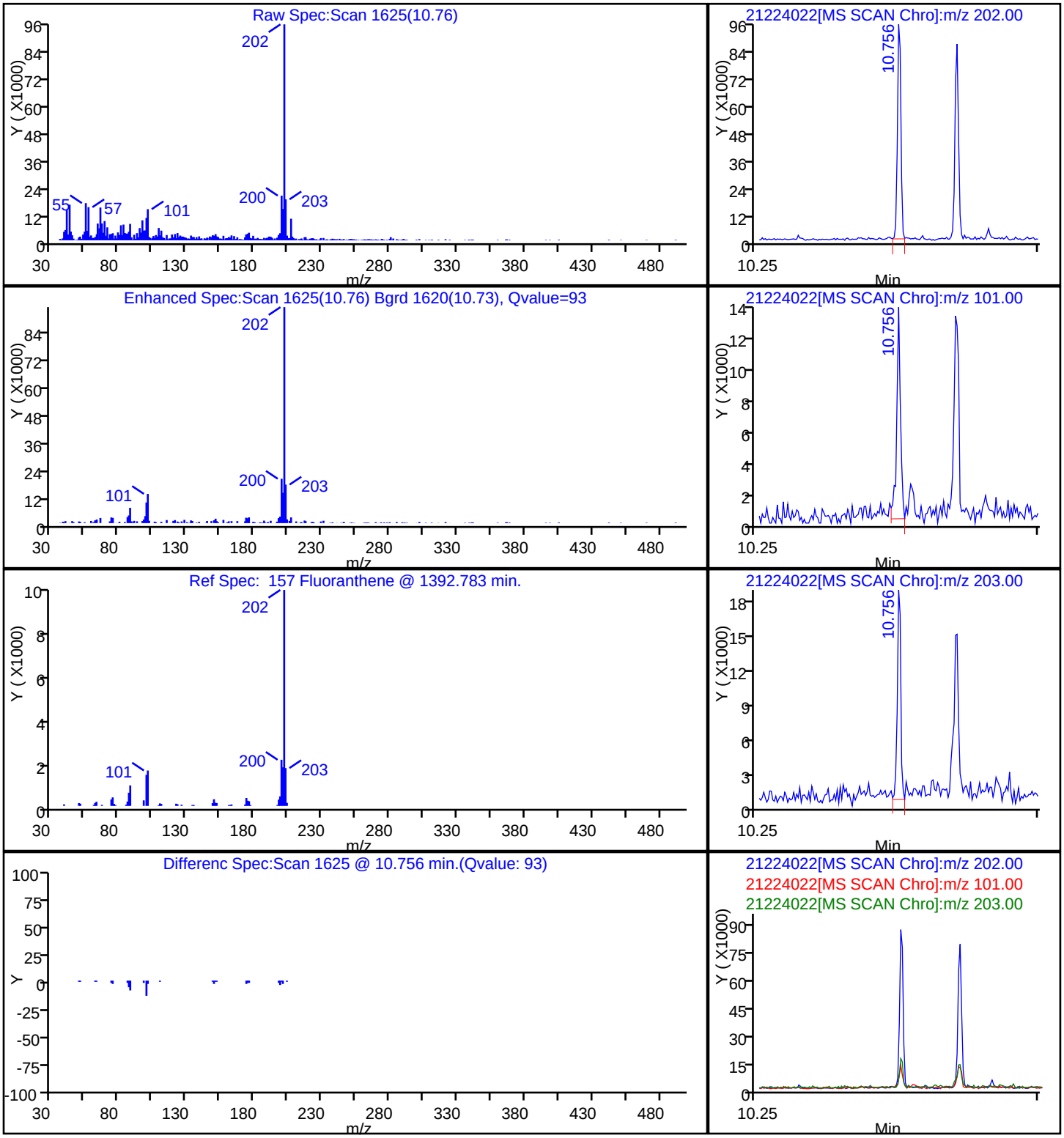
Report Date: 26-Dec-2012 13:04:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D

Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



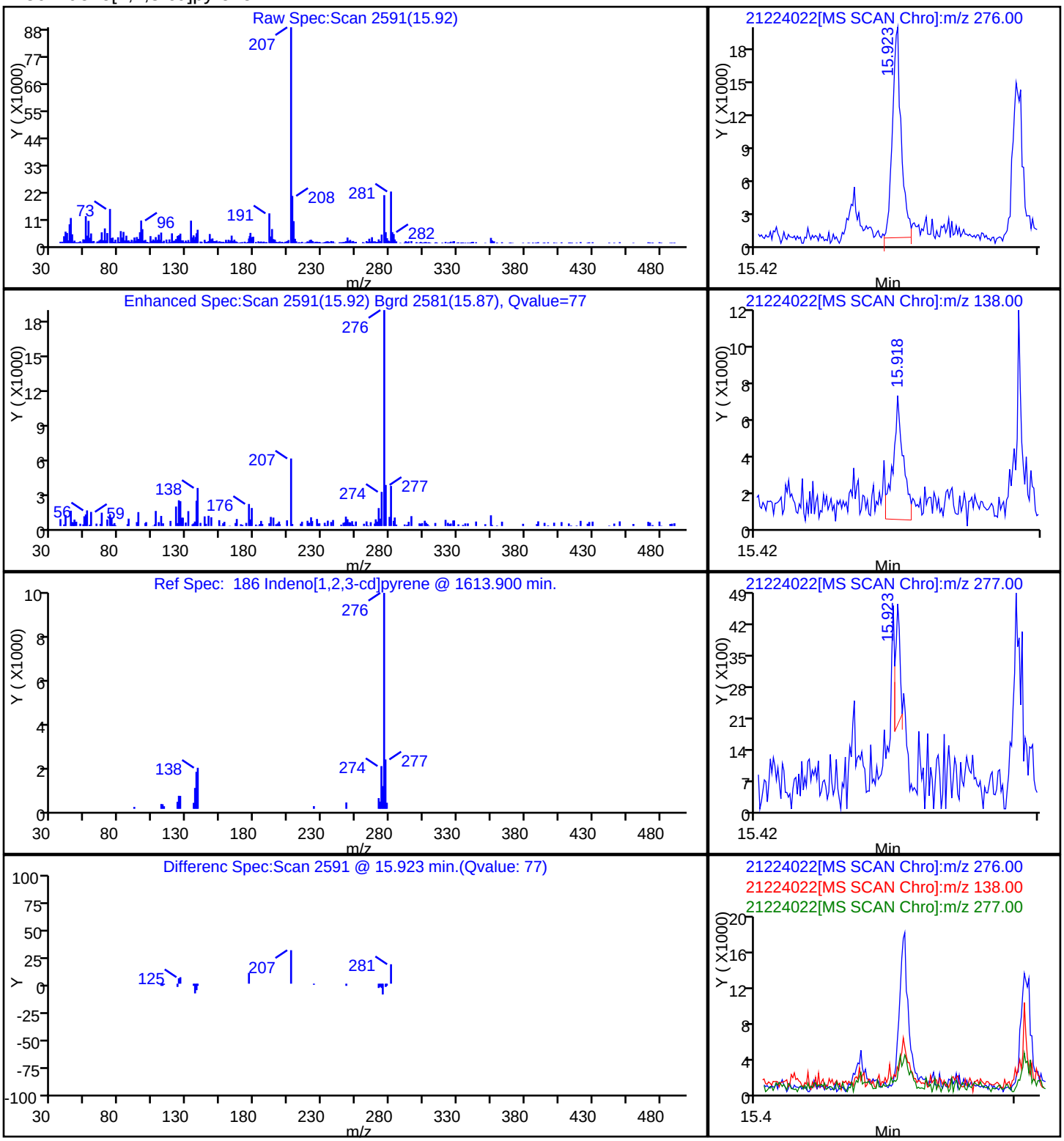
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D

Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



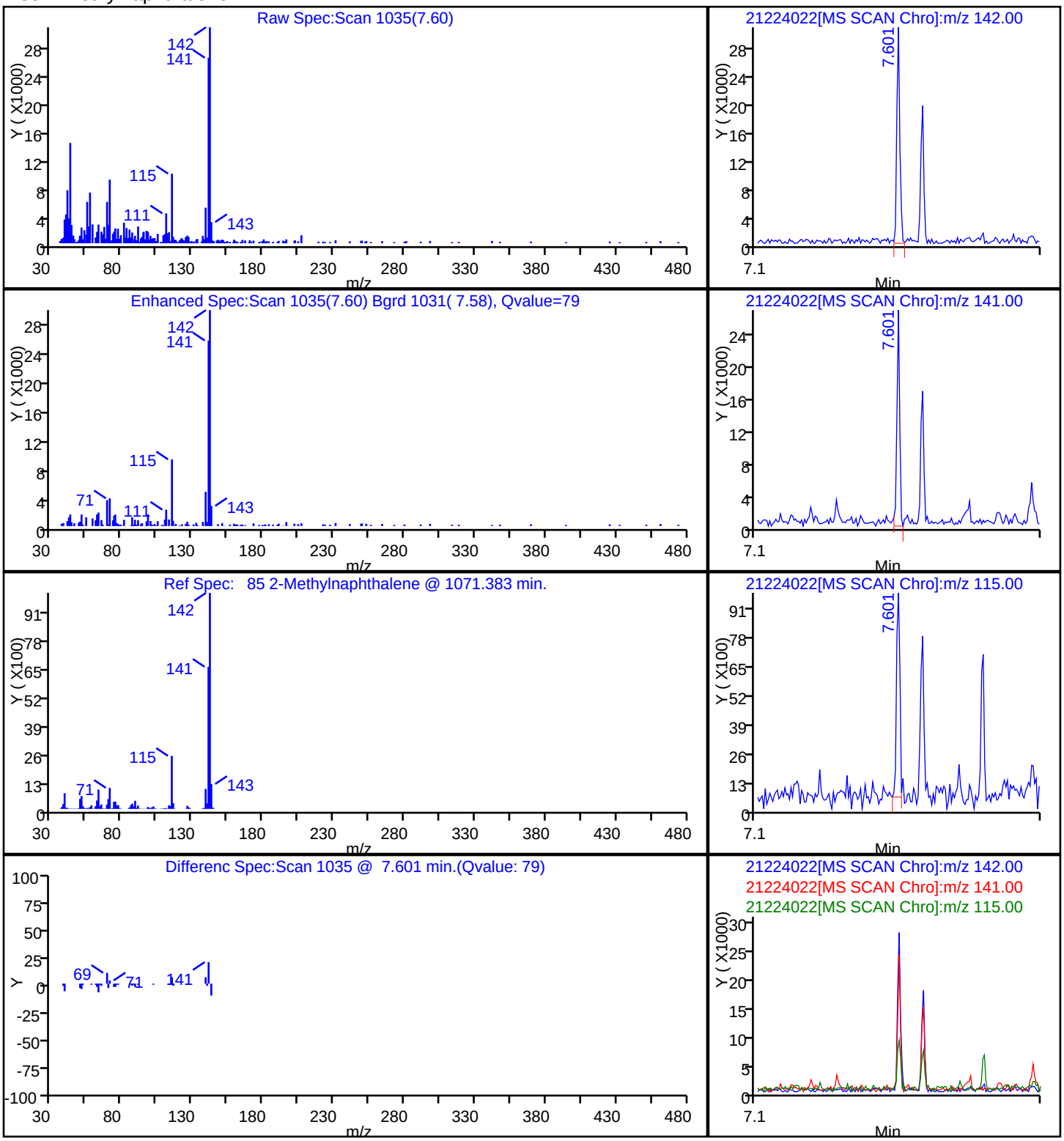
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D

Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



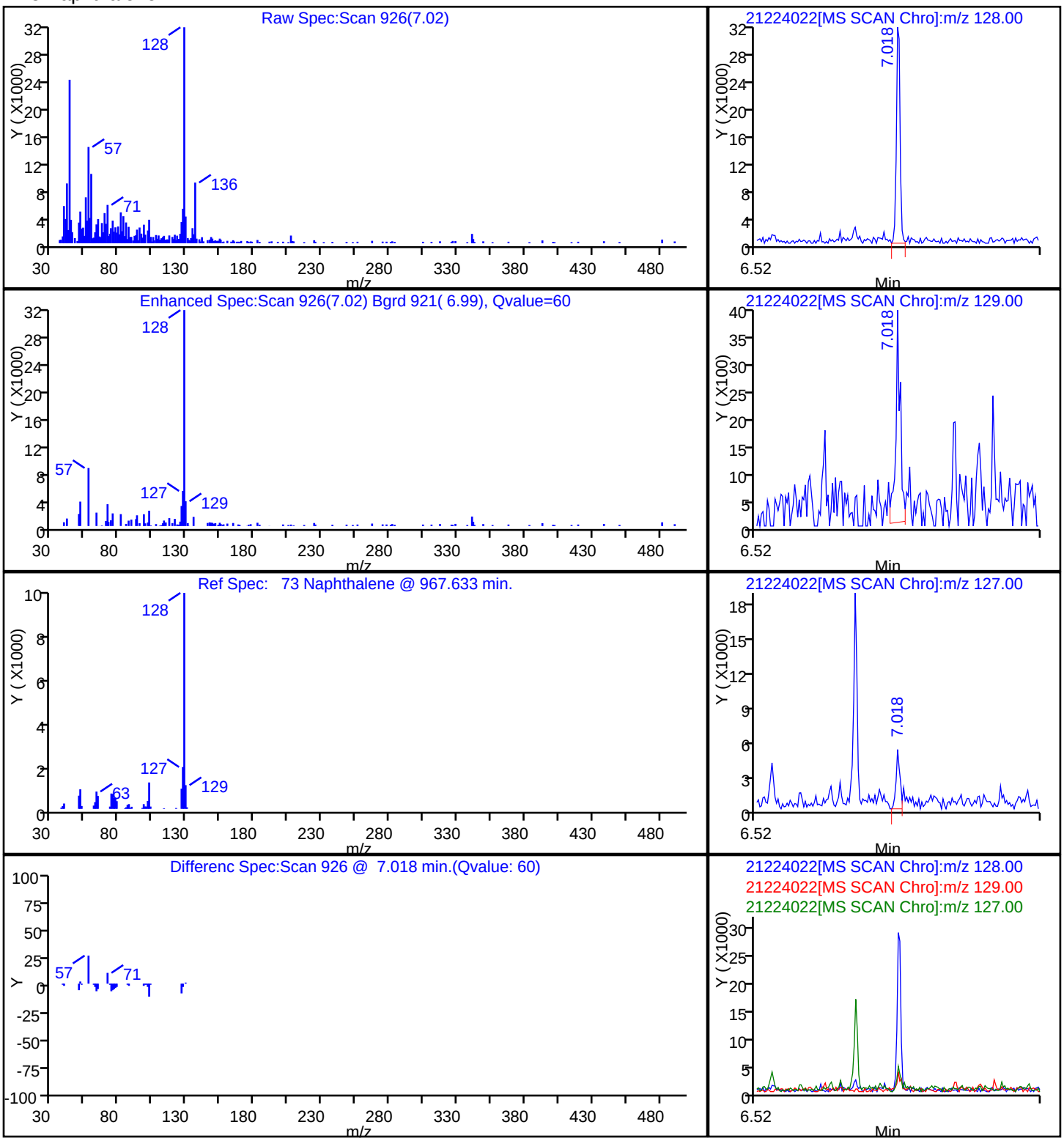
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D

Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



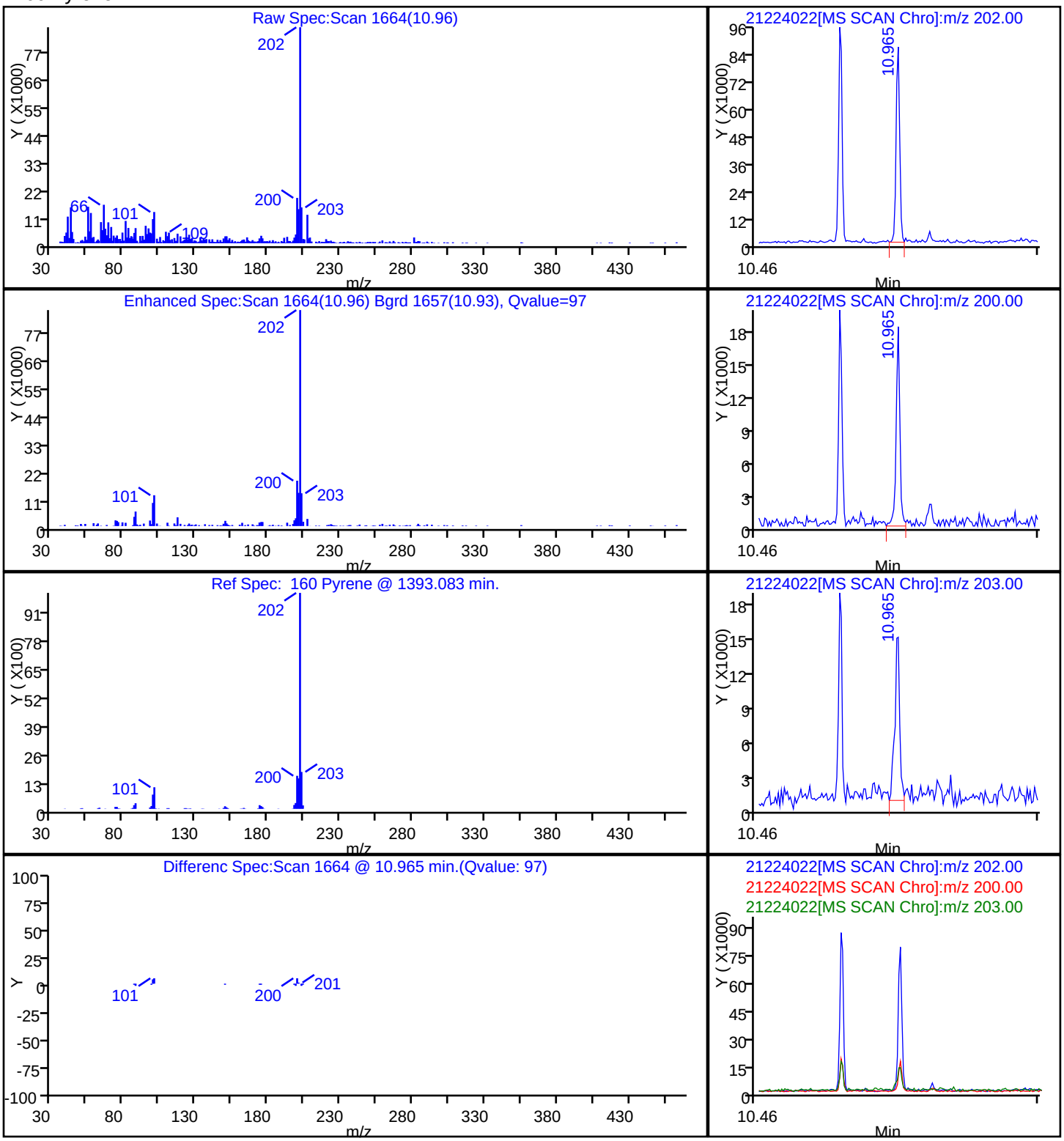
Report Date: 26-Dec-2012 13:04:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D

Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Report Date: 26-Dec-2012 13:04:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

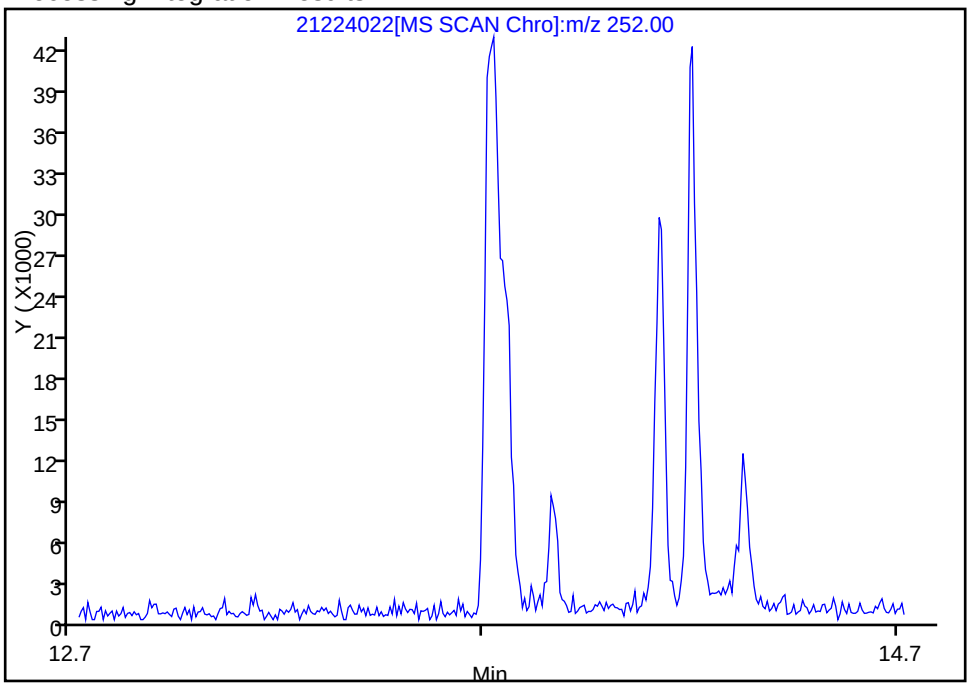
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D		
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Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.72

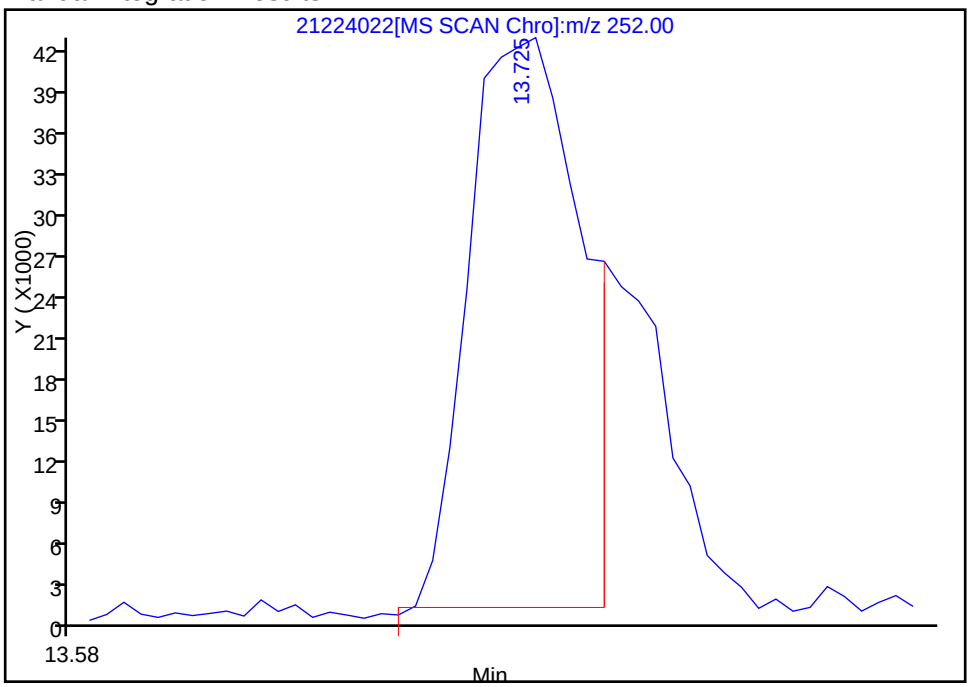
Not Detected
Expected RT: 13.72

Processing Integration Results



Manual Integration Results

RT: 13.72
Response: 101225
Amount: 0.445059



Reviewer: gruberj, 26-Dec-2012 13:01:47
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

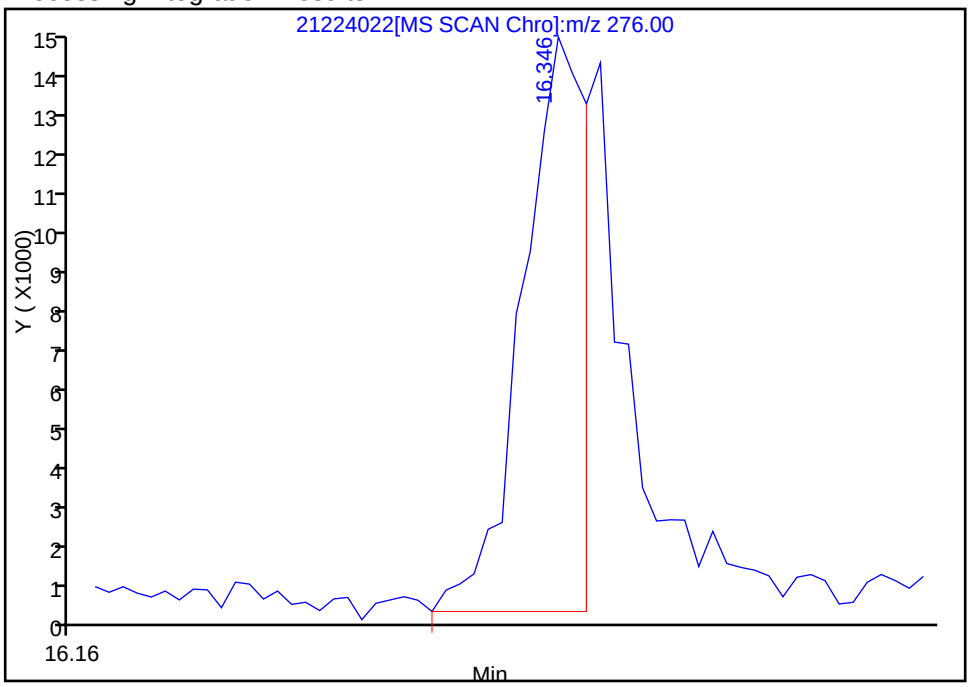
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D		
Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.36

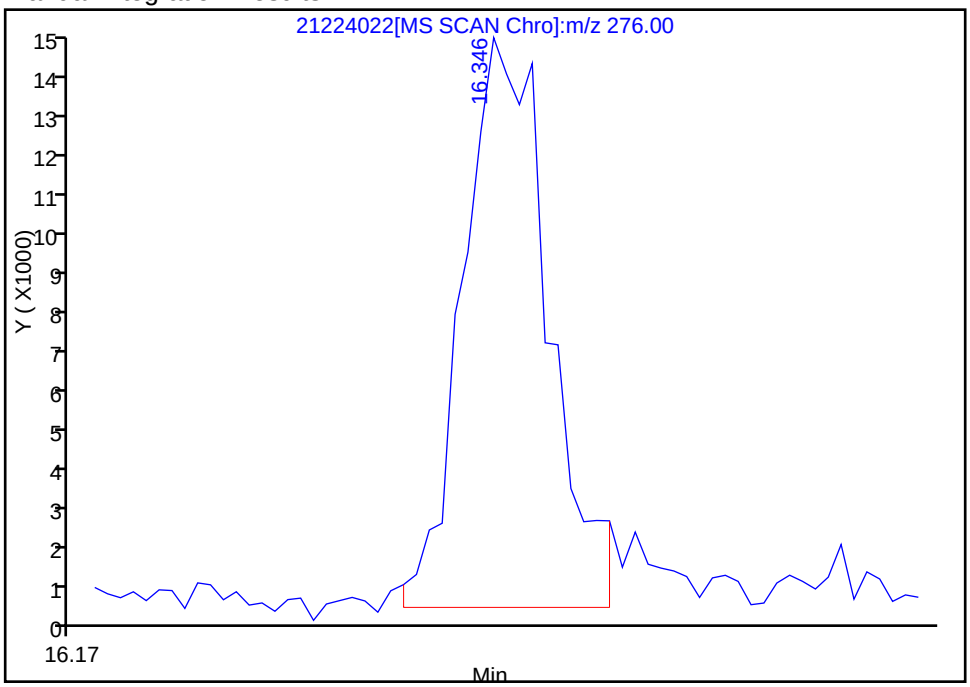
Processing Integration Results

RT: 16.35
Response: 24459
Amount: 0.123091



Manual Integration Results

RT: 16.35
Response: 35652
Amount: 0.179420



Reviewer: gruberj, 26-Dec-2012 13:01:47
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

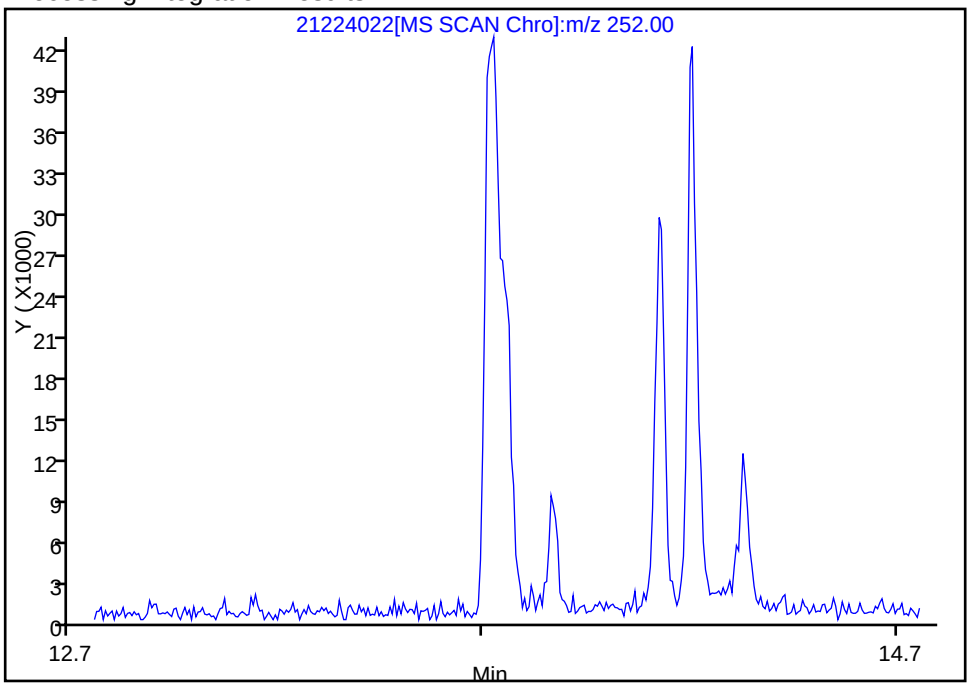
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224022.D		
Injection Date:	24-Dec-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.76

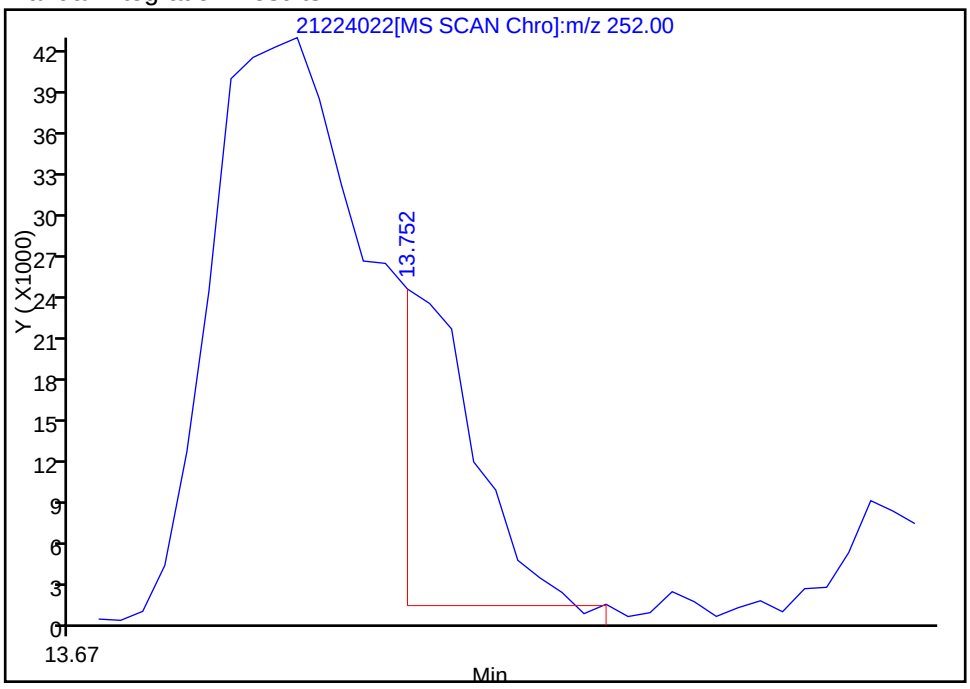
Processing Integration Results

Not Detected
Expected RT: 13.76



Manual Integration Results

RT: 13.75
Response: 28414
Amount: 0.116466



Reviewer: gruberj, 26-Dec-2012 13:01:47
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0111M-0001-SO | Lab Sample ID: 240-18544-30

Matrix: Solid | Lab File ID: 21224021.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:04

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.12(g) | Date Analyzed: 12/24/2012 16:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	13		6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	31		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	23		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	32		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	15		6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	10	M	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	23	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	28		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	8.5	J	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0111M-0001-SO | Lab Sample ID: 240-18544-30

Matrix: Solid | Lab File ID: 21224021.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:04

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.12(g) | Date Analyzed: 12/24/2012 16:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	64		6.6	3.3	3.3
86-73-7	Fluorene	7.4		6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	14		6.6	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	13		6.6	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	12		6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	60		6.6	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	50		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0111M-0001-SO | Lab Sample ID: 240-18544-30

Matrix: Solid | Lab File ID: 21224021.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:04

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.12(g) | Date Analyzed: 12/24/2012 16:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	51		45-105
367-12-4	2-Fluorophenol (Surr)	59		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	50		35-100
4165-62-2	Phenol-d5 (Surr)	64		40-100
1718-51-0	Terphenyl-d14 (Surr)	55		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	58		35-125

Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D
Lims ID: 240-18544-E-30-D Client ID: 076SB-0111M-0001-SO
Inject. Date: 24-Dec-2012 16:38:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-021
Misc. Info.: 240-18544-E-30-D
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 69977 Lims Sample ID: 21
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj Date: 26-Dec-2012 13:00:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.895	5.873	0.021	96	234087	4.00	
* 2 Naphthalene-d8	136	7.002	6.991	0.011	100	928036	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	92	543228	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	877925	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	98	906281	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	93	796663	4.00	
$ 7 2-Fluorophenol	112	4.873	4.616	0.257	93	640504	8.92	
$ 8 Phenol-d5	99	5.568	5.515	0.053	90	918718	9.61	
$ 9 Nitrobenzene-d5	82	6.381	6.360	0.021	79	516108	5.05	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	100	987496	5.07	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	88	159773	8.75	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	99	1022320	5.51	
41 Phenol	94		5.531					
44 Bis(2-chloroethyl)ether	93		5.627					
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					9
48 1,4-Dichlorobenzene	146		5.889					9
49 Benzyl alcohol	108		5.985					9
50 1,2-Dichlorobenzene	146		6.028					
51 2-Methylphenol	108		6.076					9
52 2,2'-oxybis[1-chloropropane]	45		6.108					
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					
60 Hexachloroethane	117		6.328					
61 Nitrobenzene	77		6.376					
63 Isophorone	82		6.579					
65 2-Nitrophenol	139		6.654					
64 2,4-Dimethylphenol	107		6.670					
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128	7.018	7.007	0.011	69	41829	0.1844	
74 4-Chloroaniline	127		7.039					
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					9
85 2-Methylnaphthalene	142	7.601	7.595	0.006	94	28216	0.1896	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					
98 2-Chloronaphthalene	162		8.013					9
100 2-Nitroaniline	65		8.082					
103 Dimethyl phthalate	163		8.221					9
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					
108 3-Nitroaniline	138		8.424					
110 Acenaphthene	153		8.510					9
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					9
112 2,4-Dinitrotoluene	165		8.617					9
114 Dibenzofuran	168	8.649	8.654	-0.005	64	26111	0.1273	
119 Diethyl phthalate	149		8.809					
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					
124 Fluorene	166	8.943	8.943	0.0	74	18173	0.1111	
126 4,6-Dinitro-2-methylphenol	198		8.965					9
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					9
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					9
146 Phenanthrene	178	9.756	9.756	0.0	96	214575	0.9104	
147 Anthracene	178	9.799	9.799	0.0	87	47450	0.2017	
149 Carbazole	167	9.922	9.922	0.0	84	25729	0.1141	
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202	10.756	10.762	-0.006	97	248880	0.9622	
160 Pyrene	202	10.965	10.965	0.0	97	196020	0.7475	
166 Butyl benzyl phthalate	149		11.548					
173 3,3'-Dichlorobenzidine	252		12.184					9
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	79	32702	0.3493	
175 Benzo[a]anthracene	228	12.233	12.238	-0.005	89	111141	0.4744	
176 Chrysene	228	12.281	12.286	-0.005	89	92240	0.4156	
178 Di-n-octyl phthalate	149		13.099					9
180 Benzo[b]fluoranthene	252	13.720	13.720	0.0	91	113664	0.4778	
181 Benzo[k]fluoranthene	252	13.746	13.757	-0.011	96	38526	0.1510	M
182 Benzo[a]pyrene	252	14.206	14.212	-0.006	67	79082	0.3536	
186 Indeno[1,2,3-cd]pyrene	276	15.918	15.923	-0.005	91	49788	0.2098	
187 Dibenz(a,h)anthracene	278		15.950					
188 Benzo[g,h,i]perylene	276	16.351	16.356	-0.005	81	46530	0.2239	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

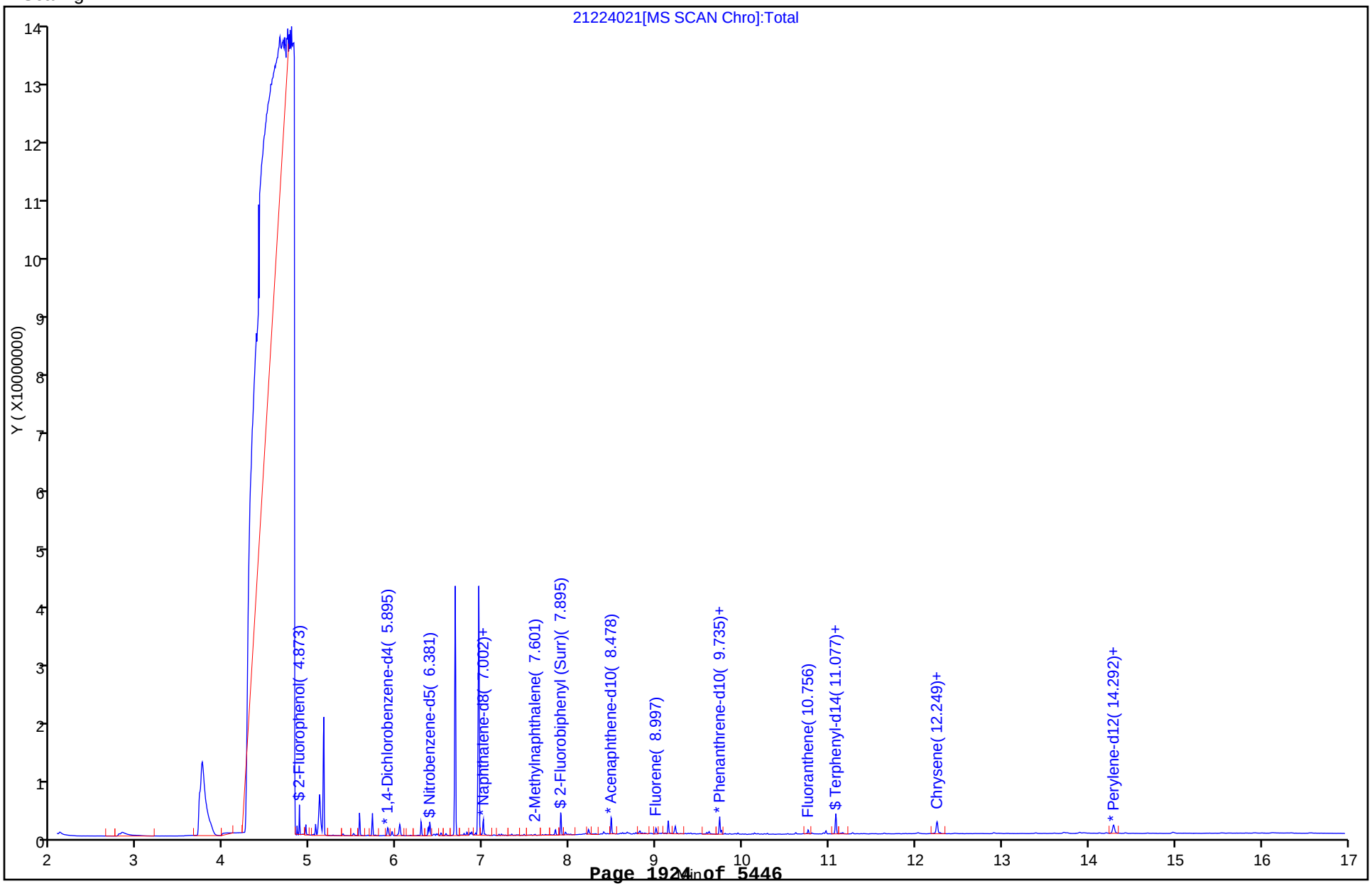
Review Flags
M - Manually Integrated

Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D		
Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



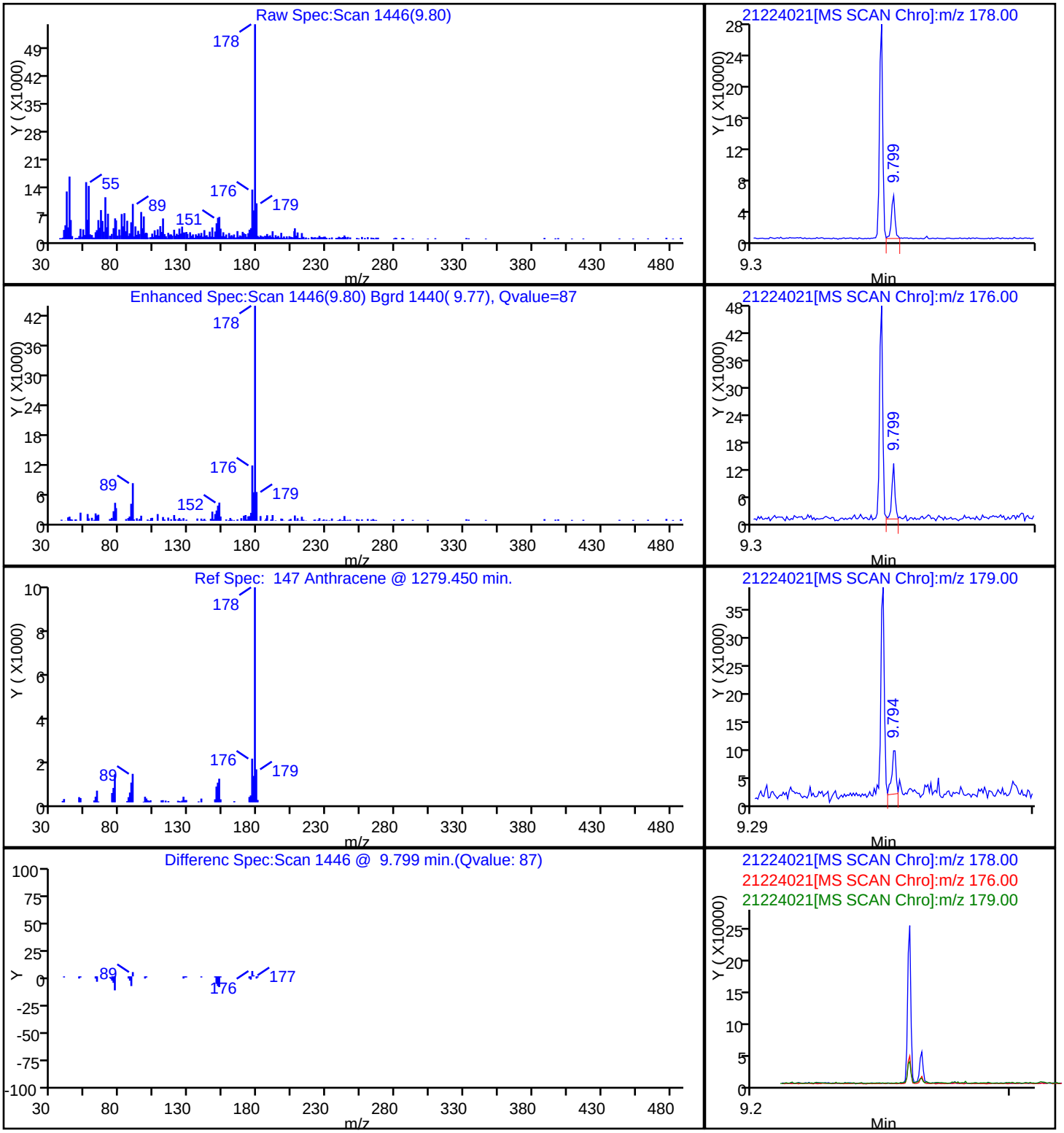
Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D

Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



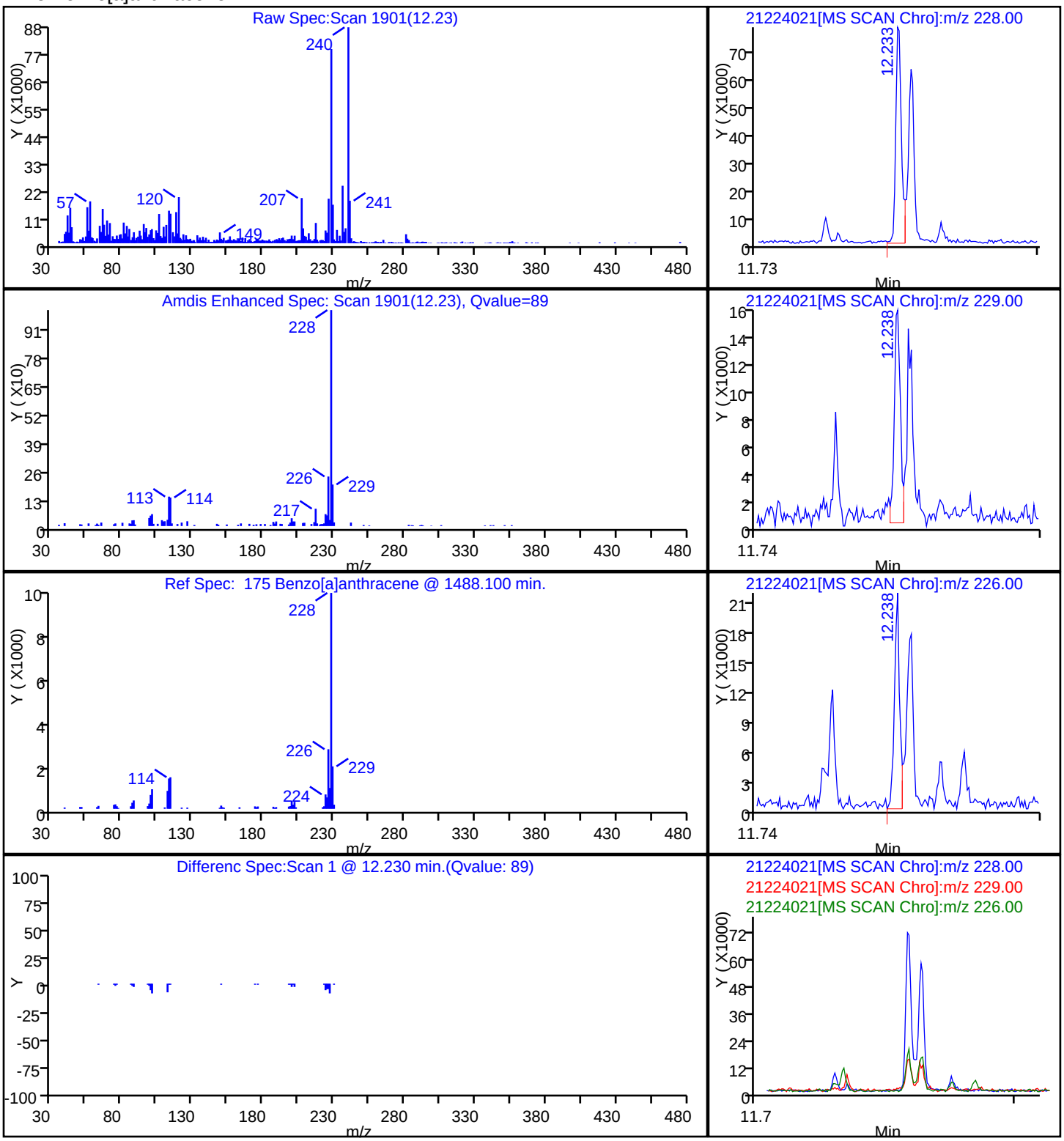
Report Date: 26-Dec-2012 13:04:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D

Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



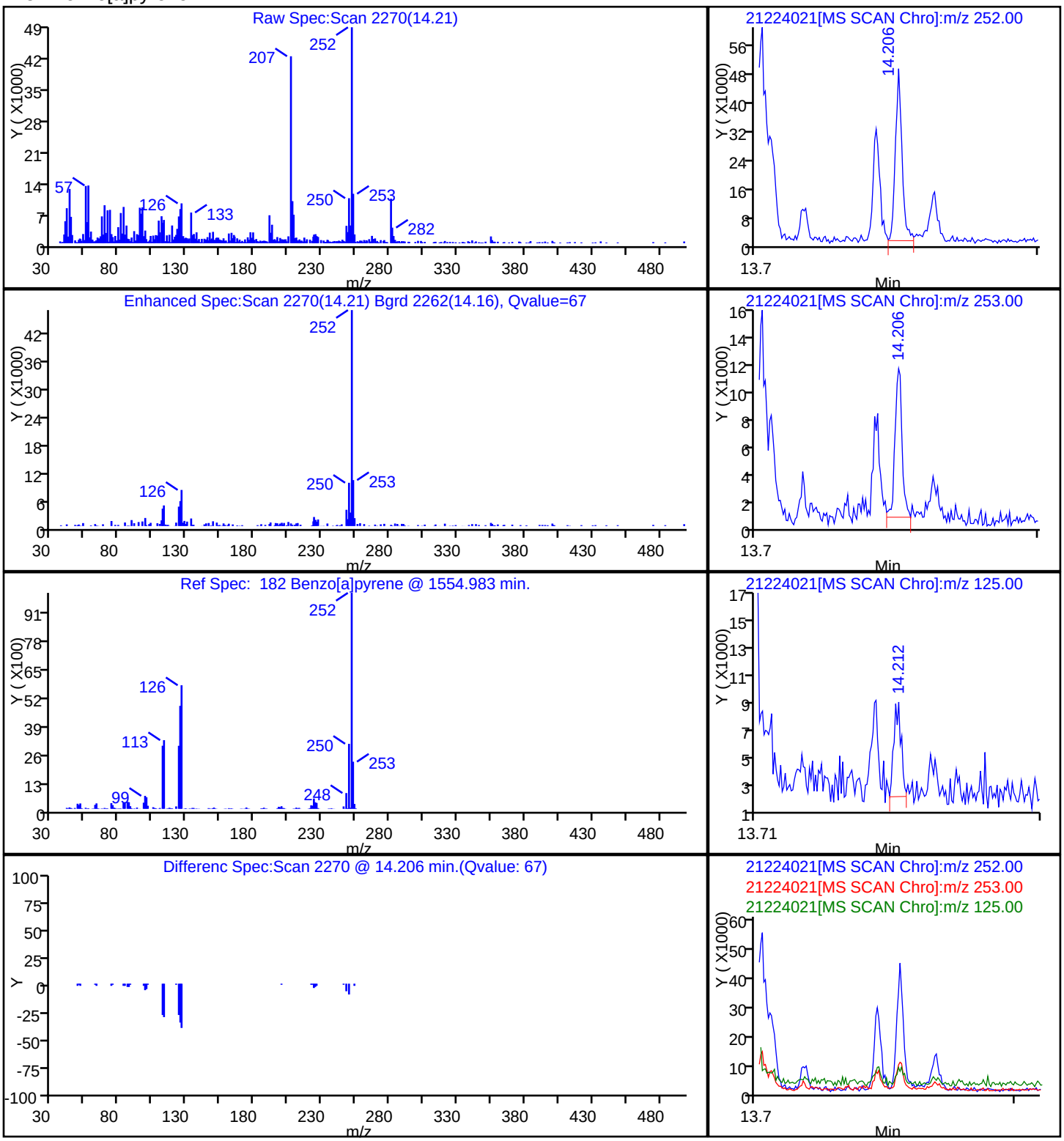
Report Date: 26-Dec-2012 13:04:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D

Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



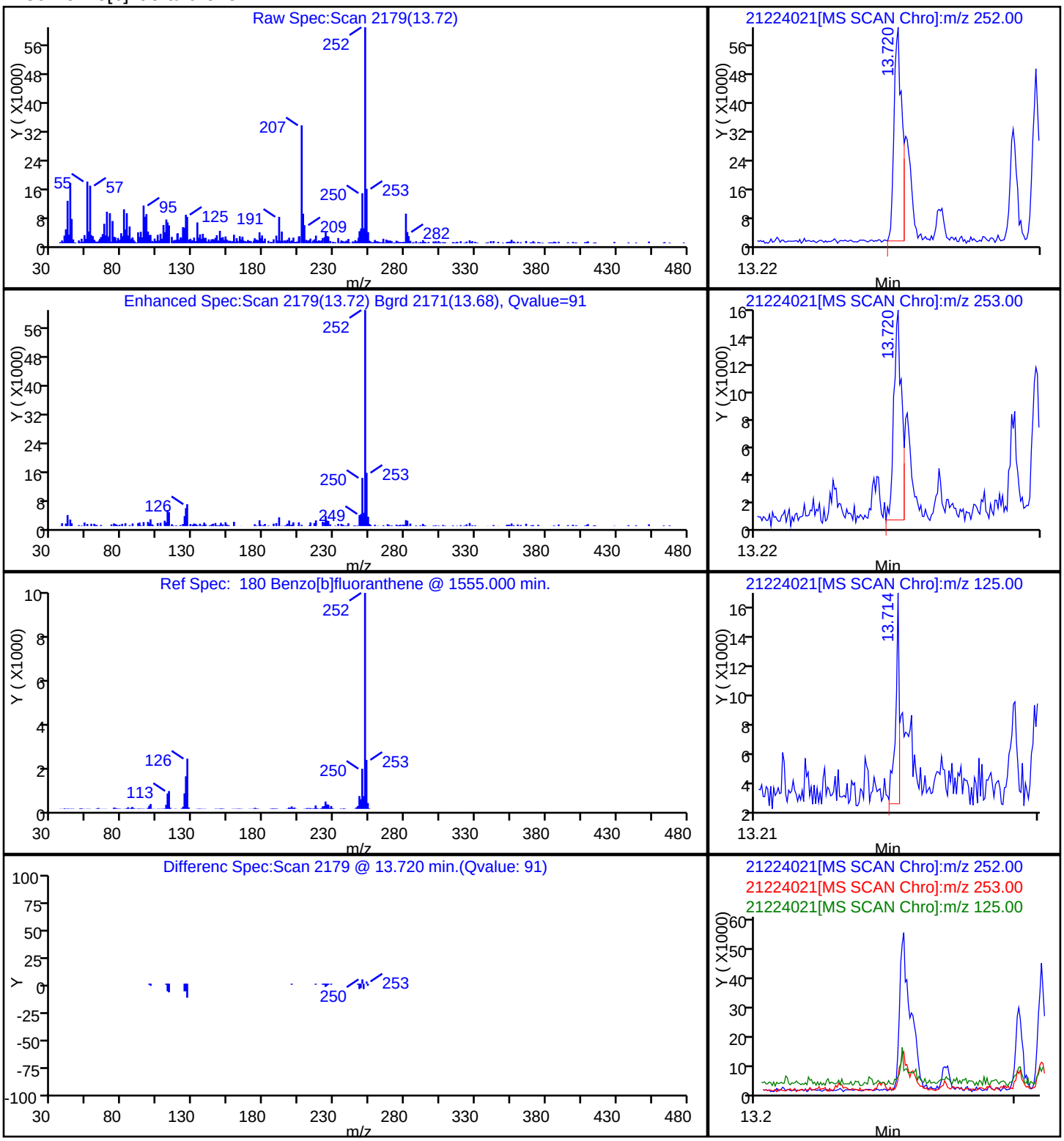
Report Date: 26-Dec-2012 13:04:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D

Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

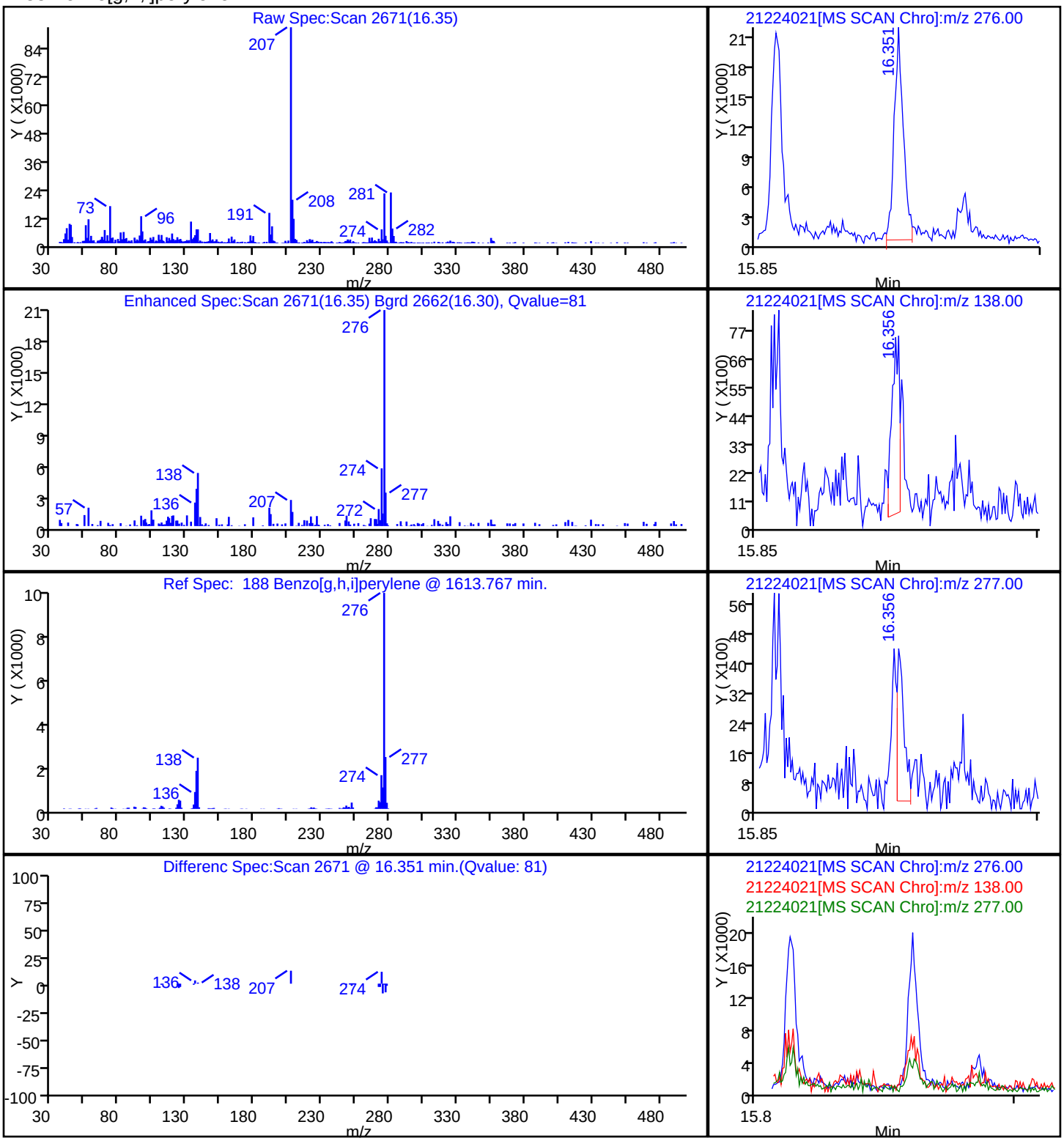


Report Date: 26-Dec-2012 13:04:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D		
Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



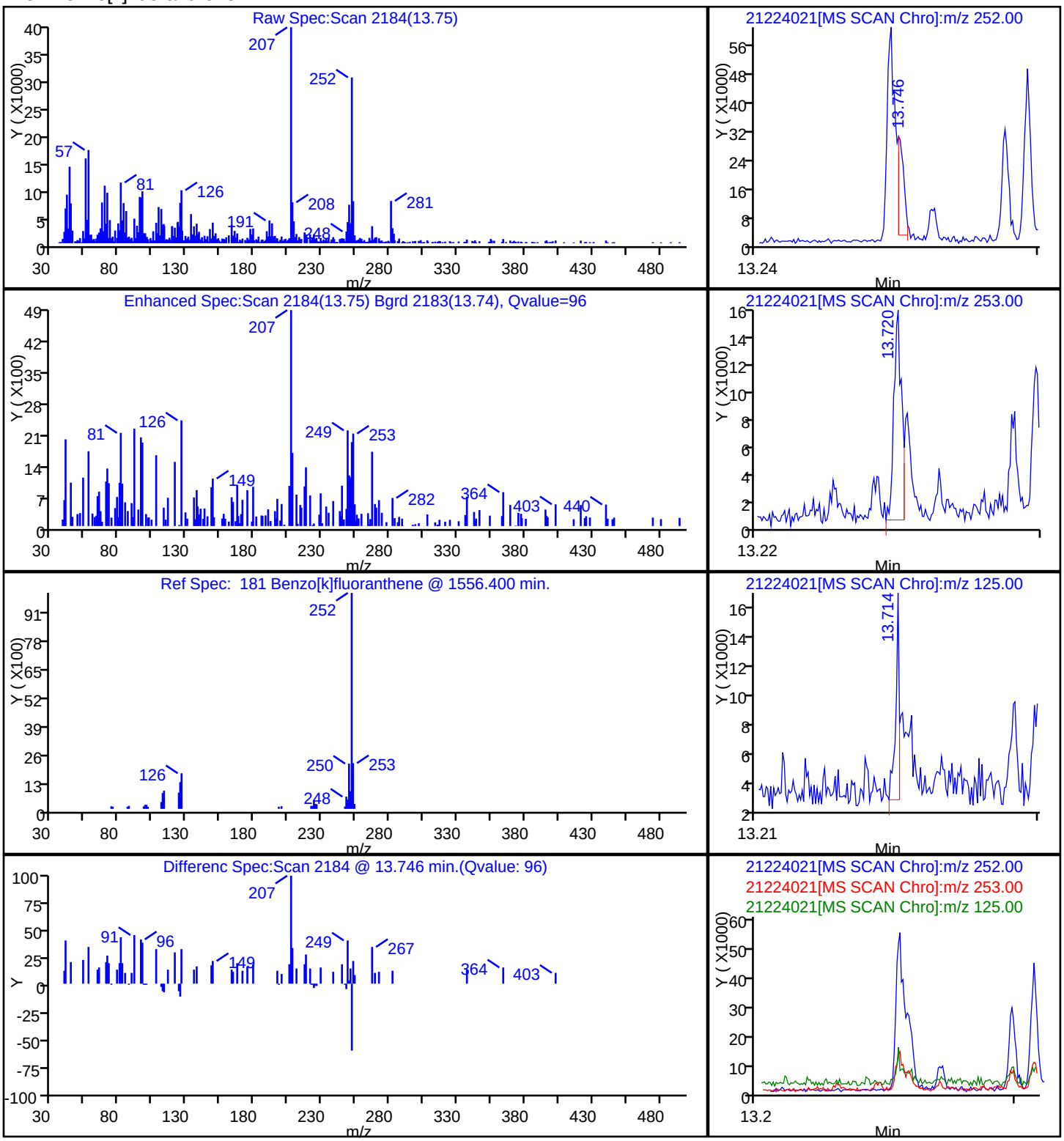
Report Date: 26-Dec-2012 13:04:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D

Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



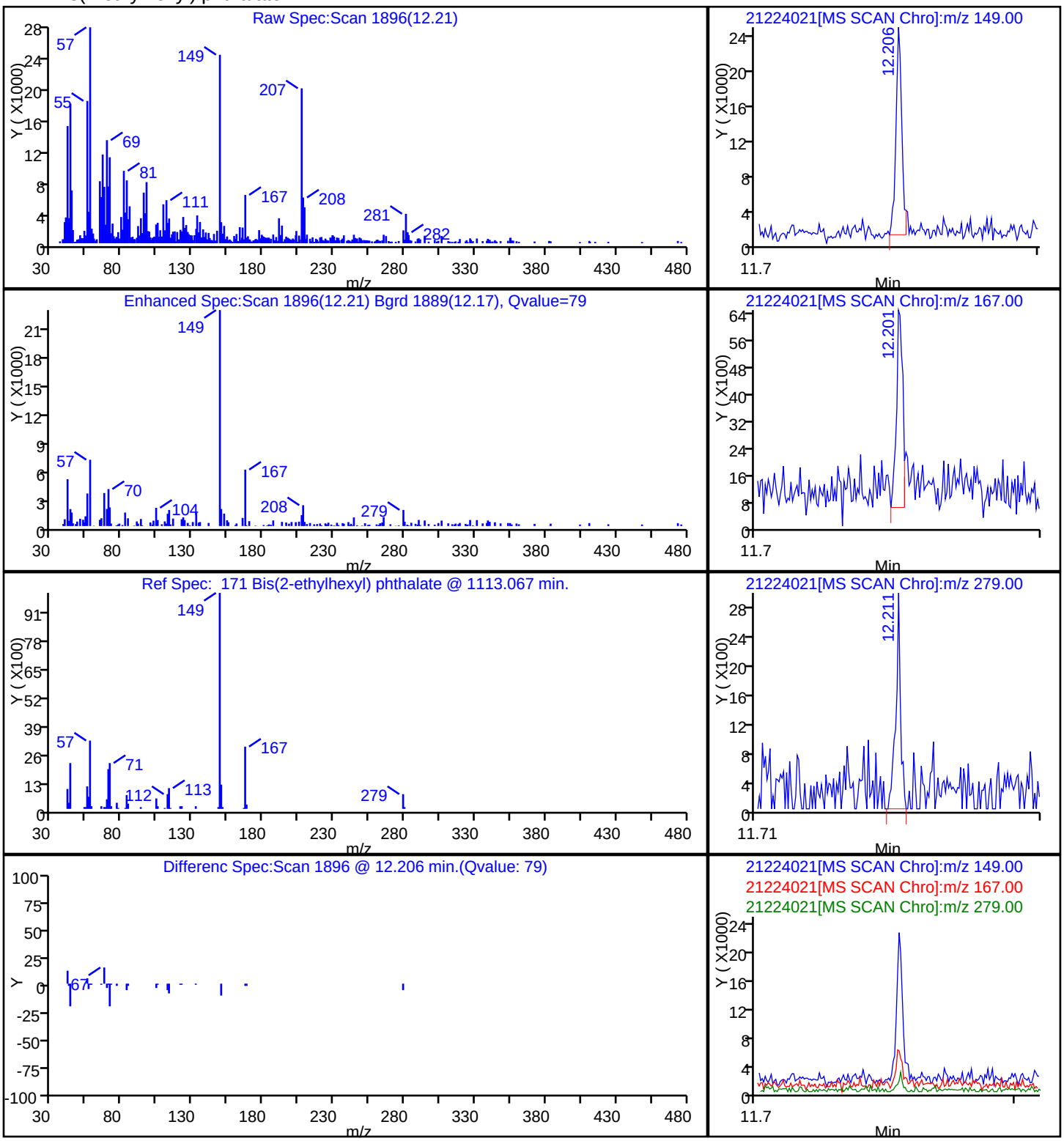
Report Date: 26-Dec-2012 13:04:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D

Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate

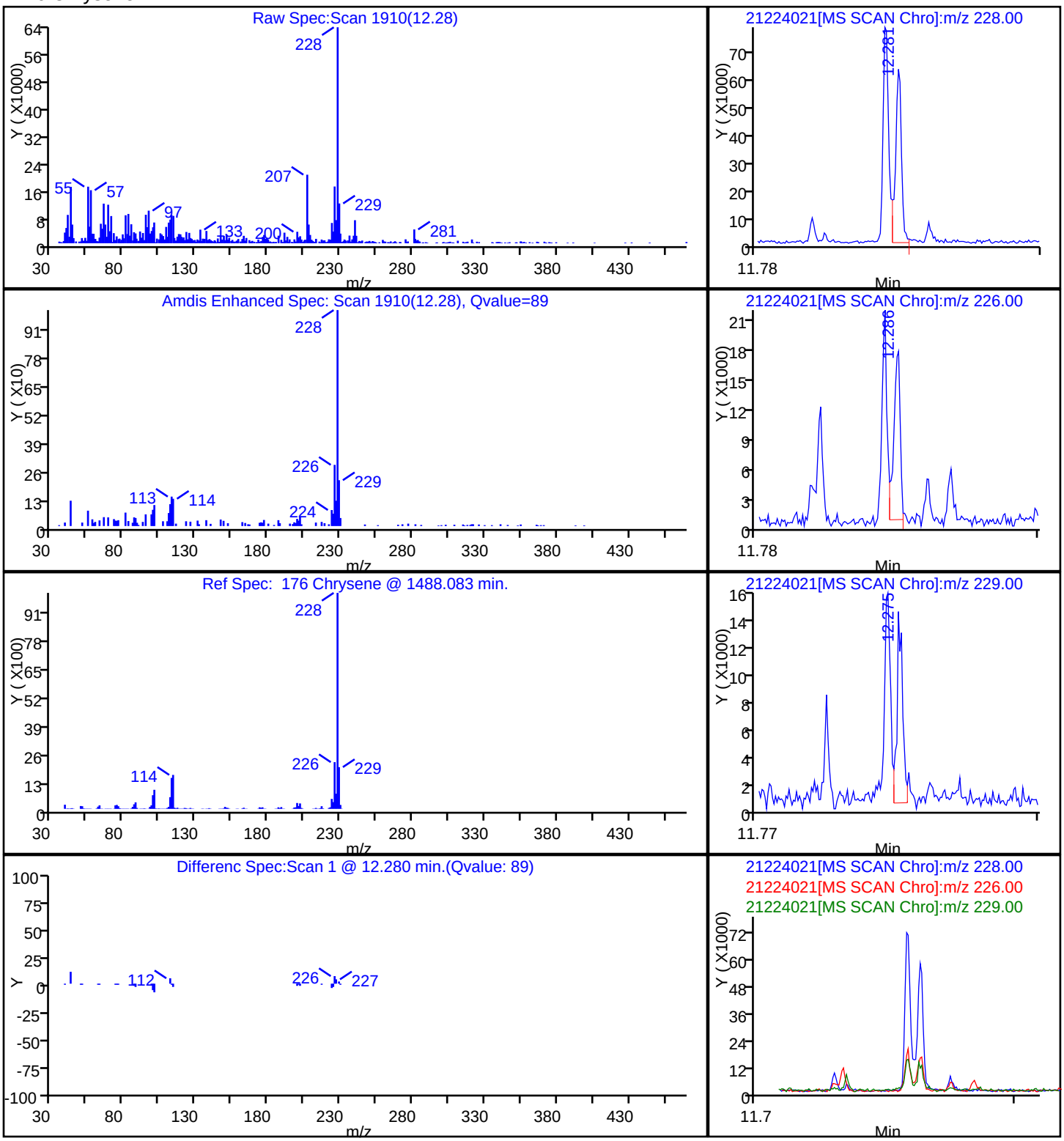


Report Date: 26-Dec-2012 13:04:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D		
Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



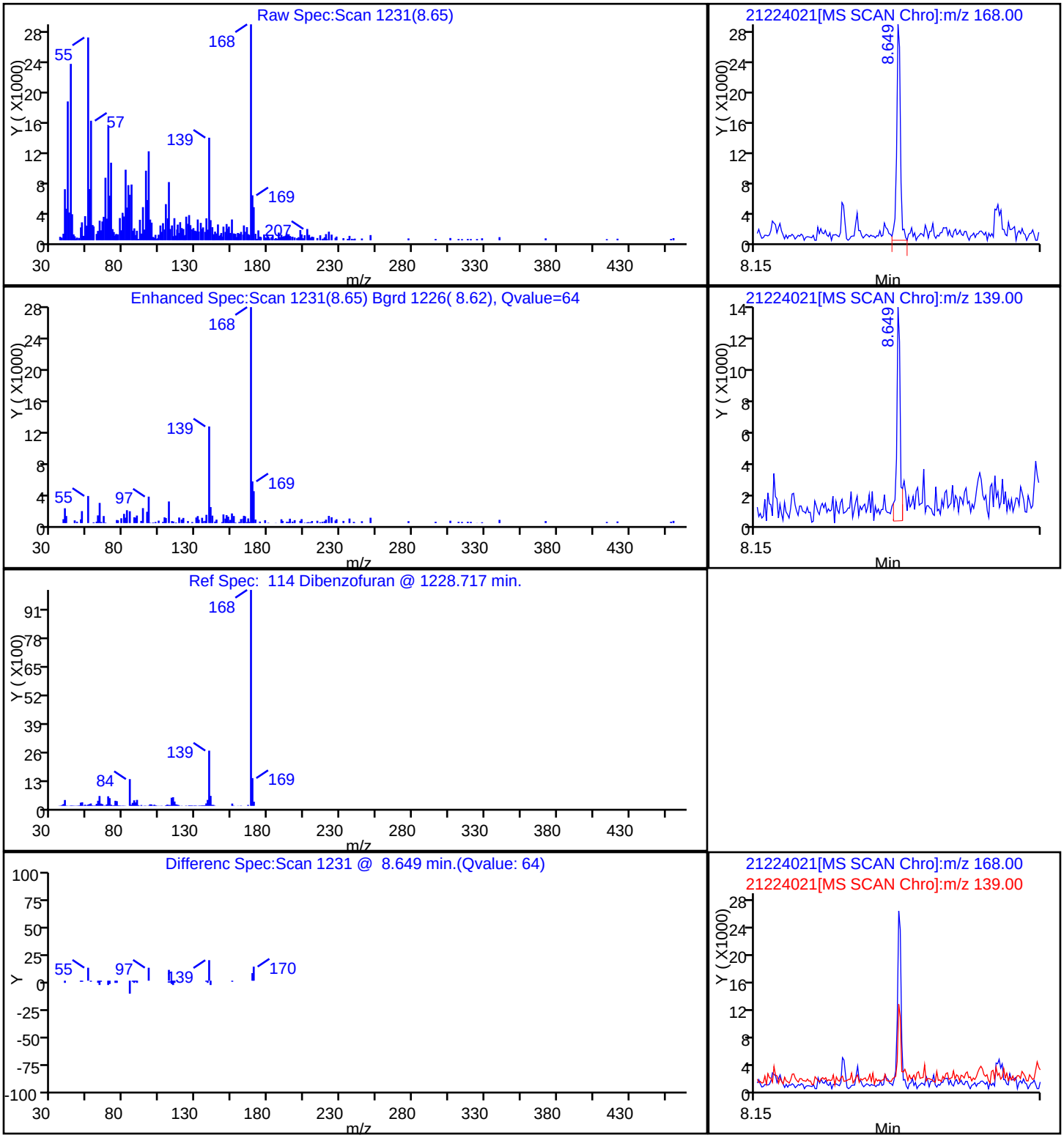
Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D

Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



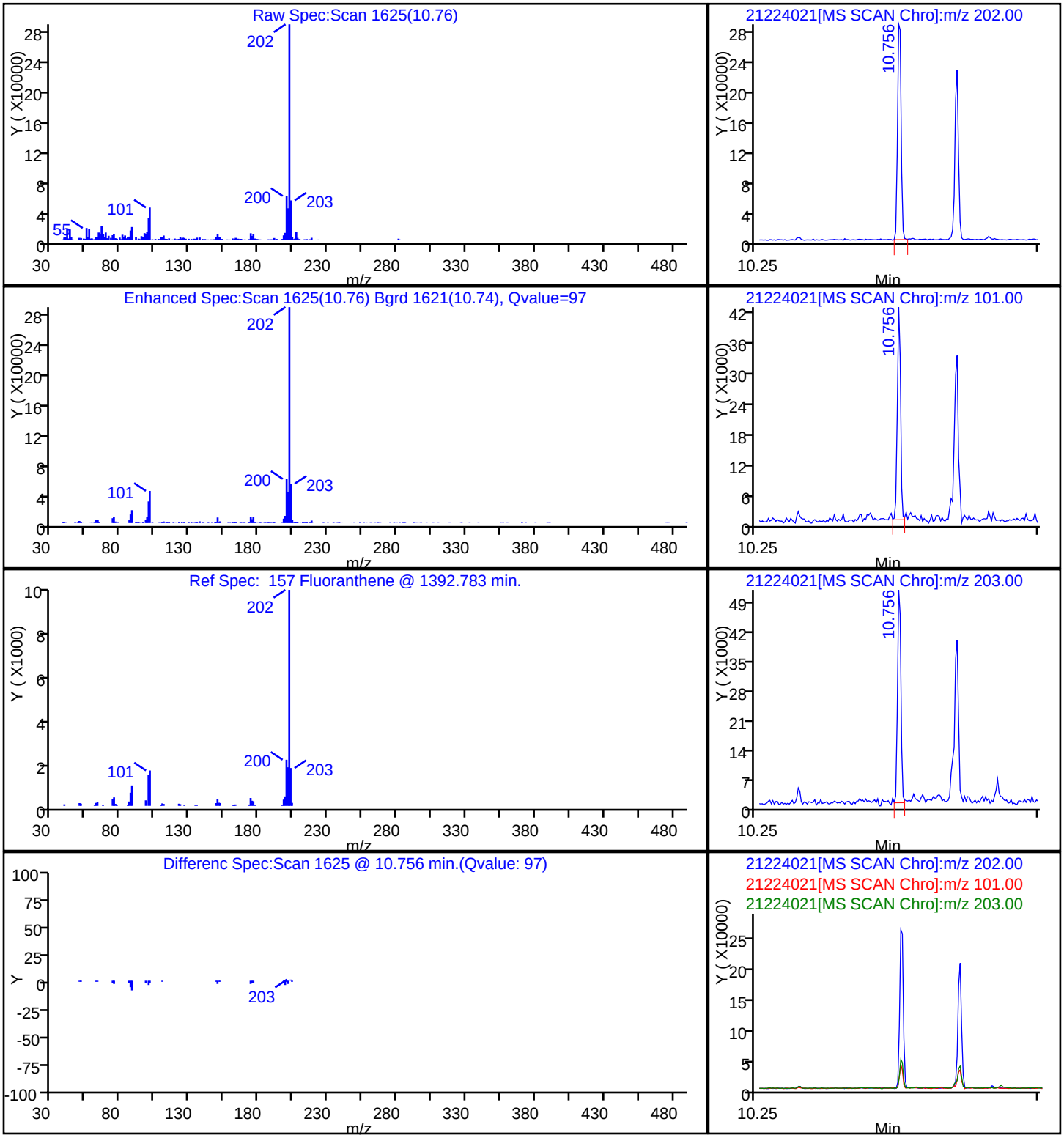
Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D

Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



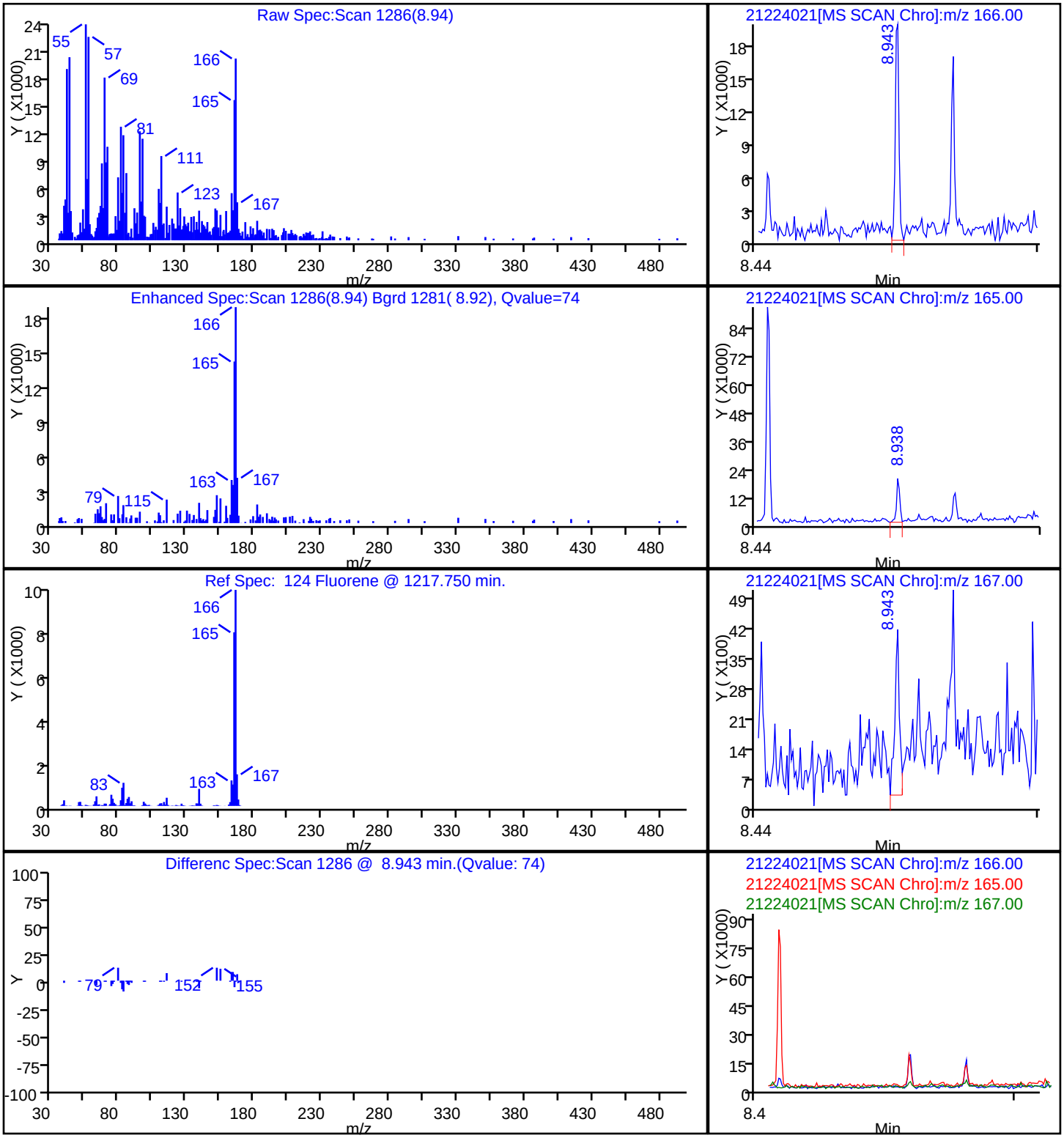
Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D

Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene

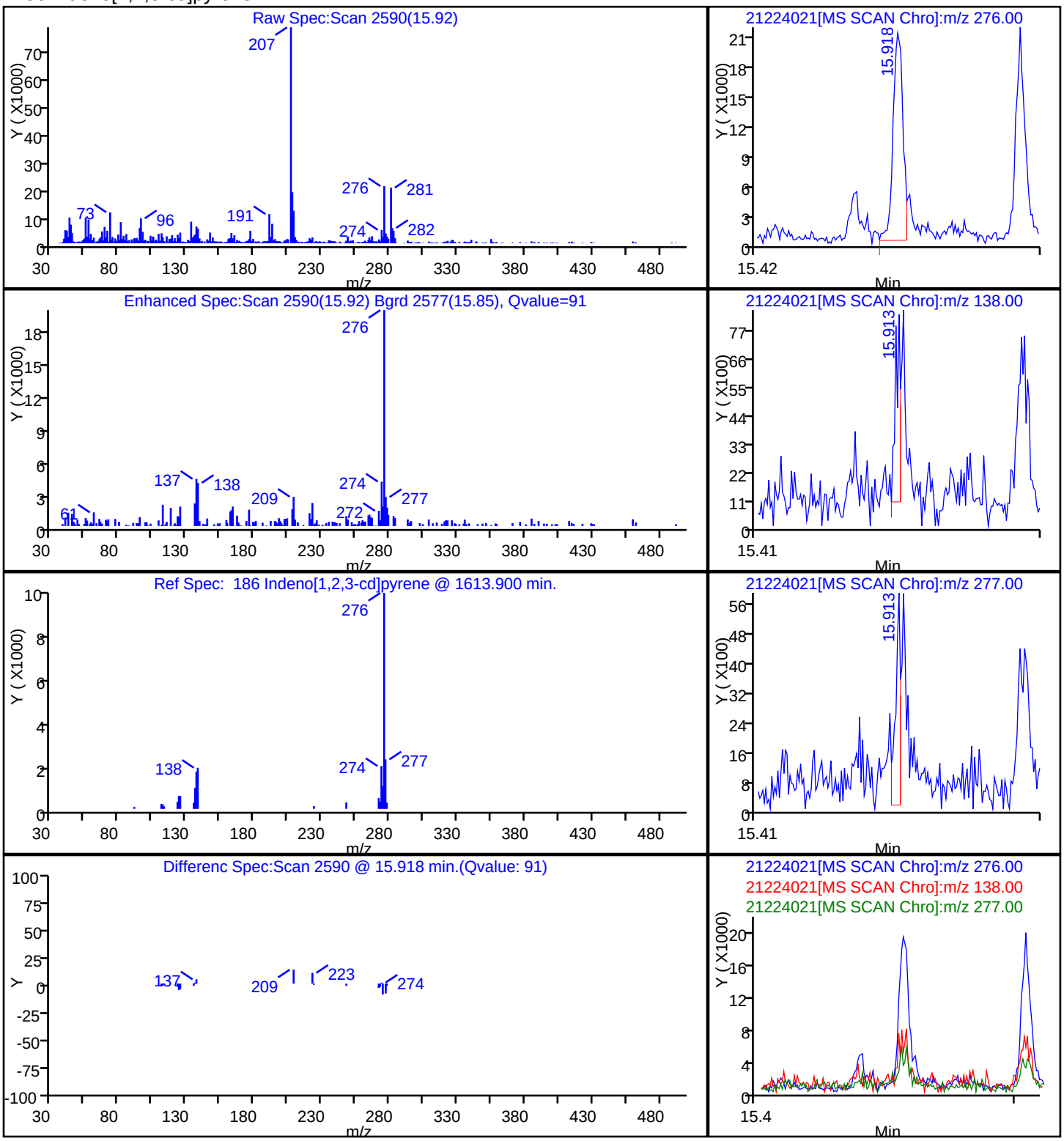


Report Date: 26-Dec-2012 13:04:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D		
Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



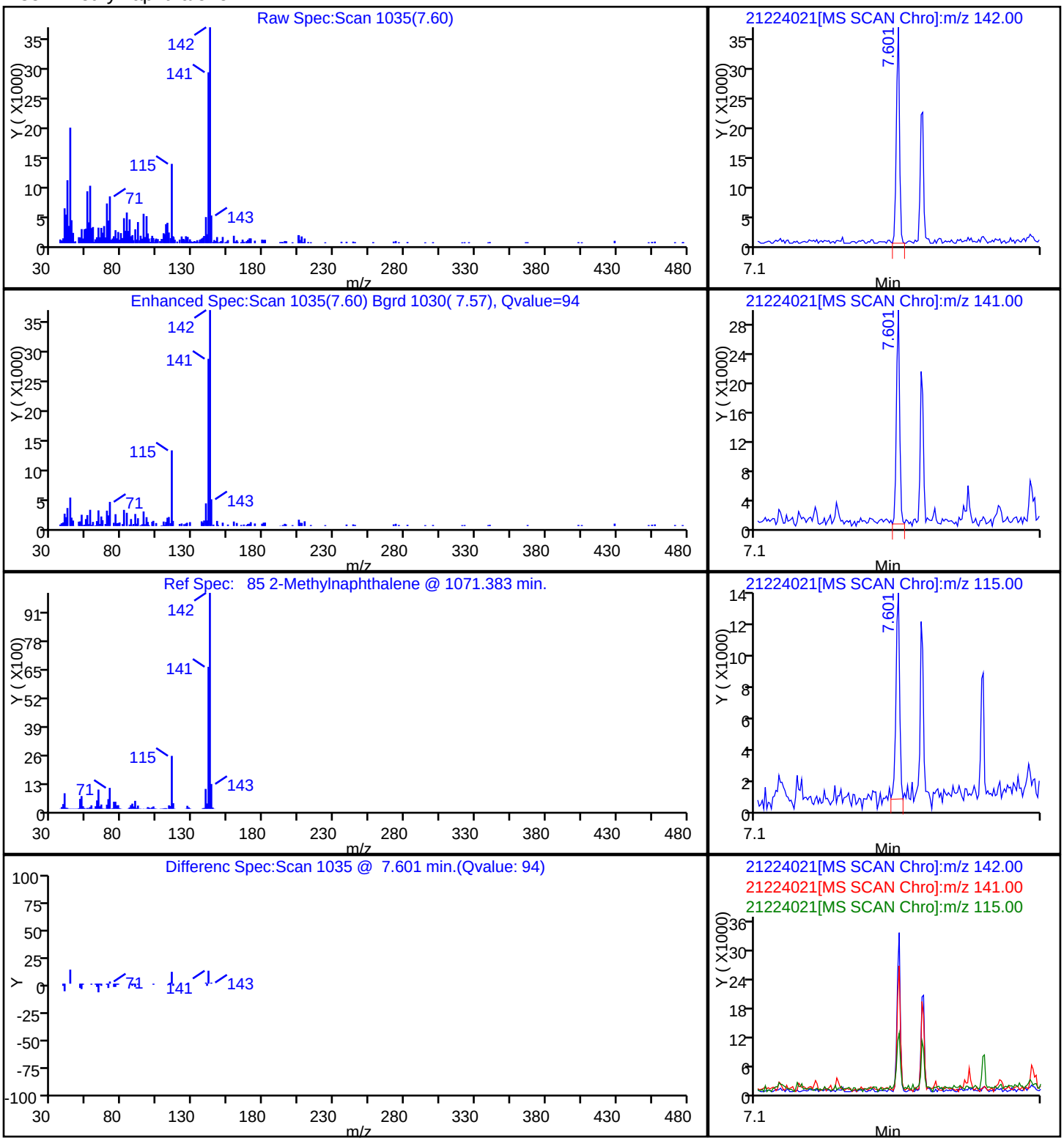
Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D

Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



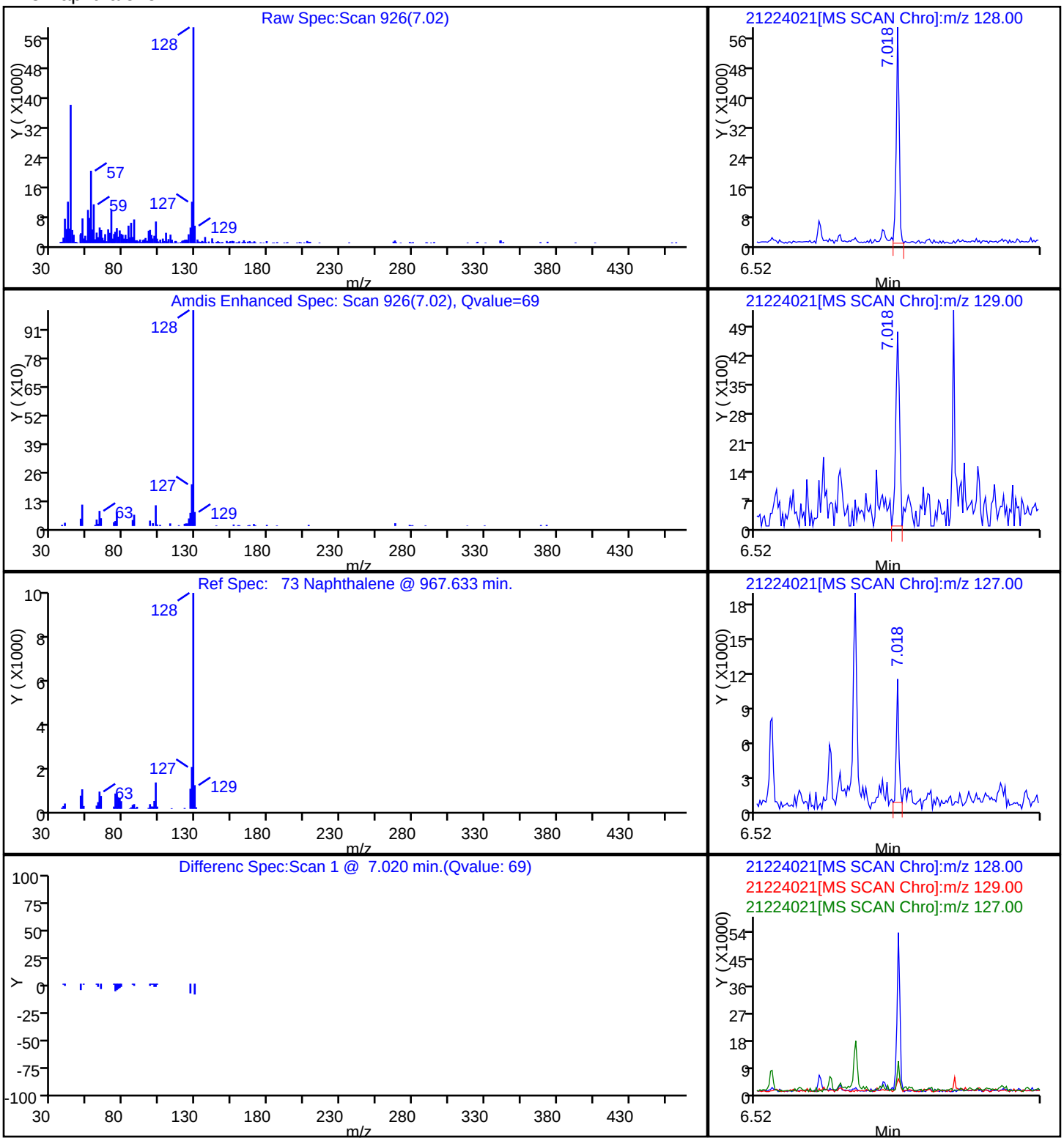
Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D

Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



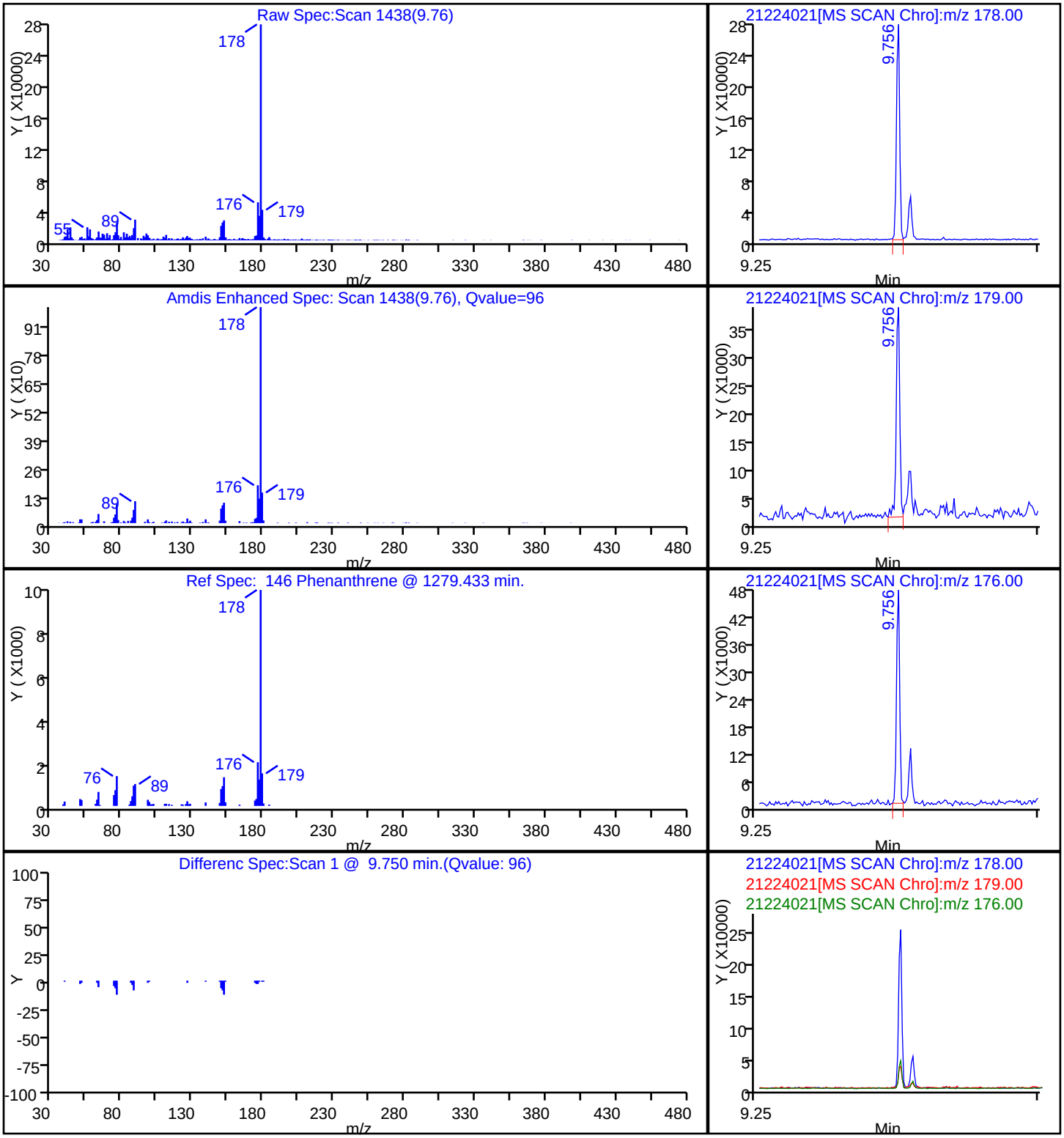
Report Date: 26-Dec-2012 13:04:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D

Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene

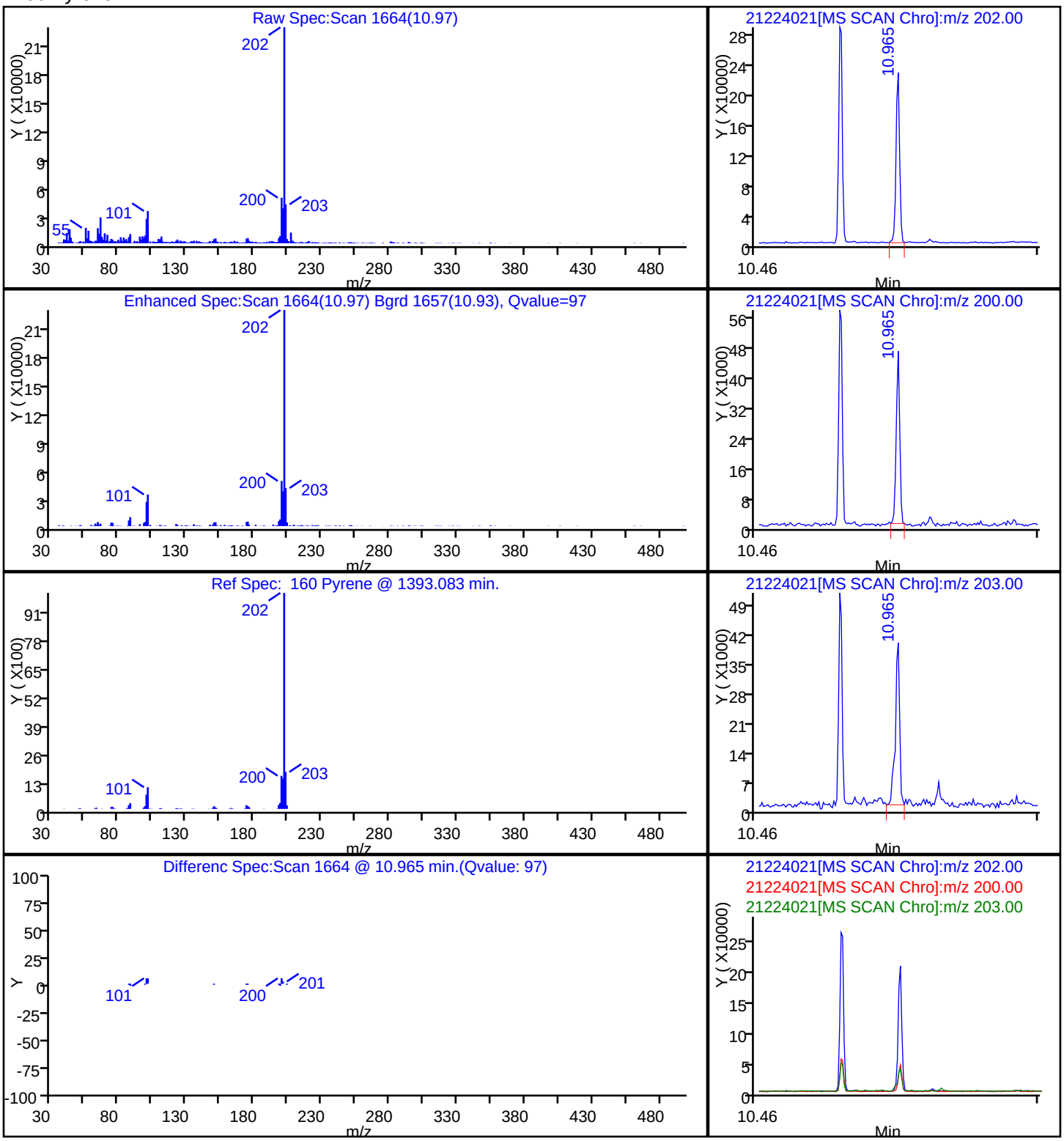


Report Date: 26-Dec-2012 13:04:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D		
Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

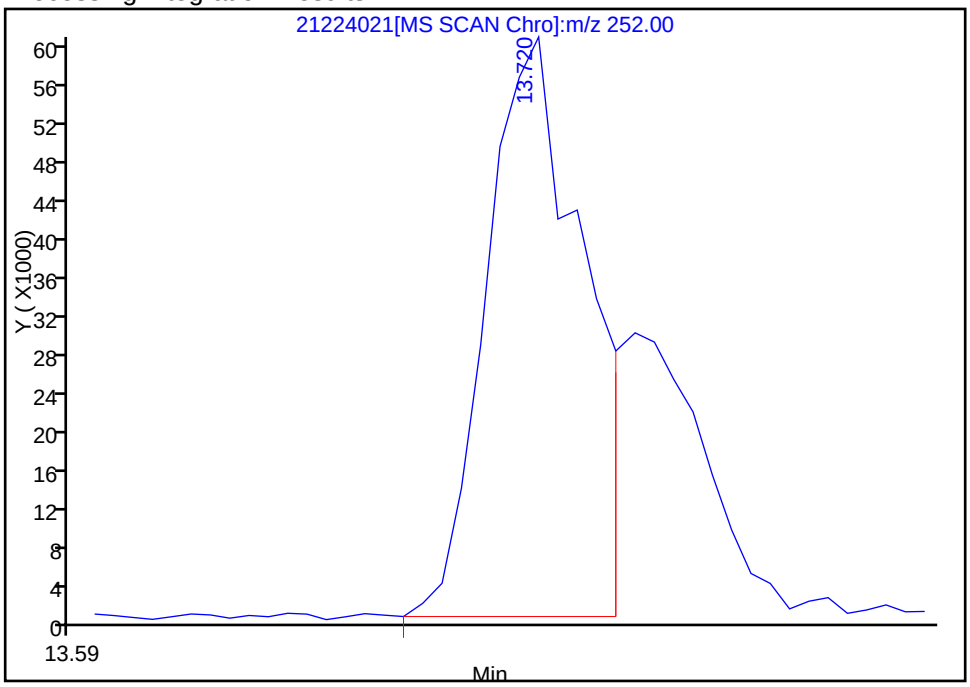
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224021.D		
Injection Date:	24-Dec-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0111M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.76

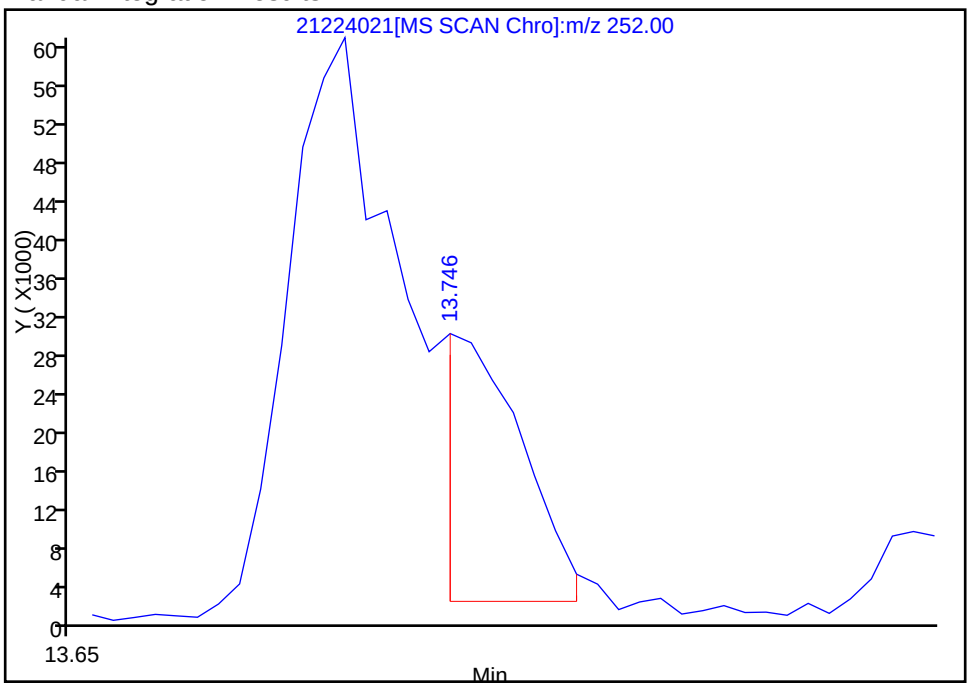
Processing Integration Results

RT: 13.72
Response: 113664
Amount: 0.445421



Manual Integration Results

RT: 13.75
Response: 38526
Amount: 0.150974



Reviewer: gruberj, 26-Dec-2012 13:00:42
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0112M-0001-SO | Lab Sample ID: 240-18544-31

Matrix: Solid | Lab File ID: 21226015.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.42(g) | Date Analyzed: 12/26/2012 14:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70078 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	65	U	130	65	65
208-96-8	Acenaphthylene	65	U	130	65	65
120-12-7	Anthracene	65	U	130	65	65
56-55-3	Benzo[a]anthracene	200	D	130	65	65
50-32-8	Benzo[a]pyrene	140	D	130	65	65
205-99-2	Benzo[b]fluoranthene	190	D	130	65	65
191-24-2	Benzo[g,h,i]perylene	120	J D M	130	65	65
65-85-0	Benzoic acid	6600	U	13000	6600	6600
207-08-9	Benzo[k]fluoranthene	110	J D M	130	65	65
100-51-6	Benzyl alcohol	530	U	6500	530	410
111-91-1	Bis(2-chloroethoxy)methane	530	U	2000	530	430
111-44-4	Bis(2-chloroethyl)ether	65	U	2000	65	39
108-60-1	bis (2-chloroisopropyl) ether	530	U	2000	530	190
117-81-7	Bis(2-ethylhexyl) phthalate	530	U	990	530	370
101-55-3	4-Bromophenyl phenyl ether	530	U	990	530	260
85-68-7	Butyl benzyl phthalate	530	U	990	530	200
86-74-8	Carbazole	530	U	990	530	530
106-47-8	4-Chloroaniline	530	U	3000	530	340
59-50-7	4-Chloro-3-methylphenol	530	U	3000	530	410
91-58-7	2-Chloronaphthalene	65	U	990	65	65
95-57-8	2-Chlorophenol	530	U	990	530	530
7005-72-3	4-Chlorophenyl phenyl ether	530	U	990	530	260
218-01-9	Chrysene	160	D	130	65	22
53-70-3	Dibenz(a,h)anthracene	65	U	130	65	65
132-64-9	Dibenzofuran	65	U	990	65	65
95-50-1	1,2-Dichlorobenzene	530	U	990	530	190
541-73-1	1,3-Dichlorobenzene	530	U	990	530	220
106-46-7	1,4-Dichlorobenzene	530	U	990	530	390
91-94-1	3,3'-Dichlorobenzidine	1600	U	2000	1600	360
120-83-2	2,4-Dichlorophenol	530	U	3000	530	390
84-66-2	Diethyl phthalate	530	U	990	530	320
105-67-9	2,4-Dimethylphenol	1600	U	3000	1600	390
131-11-3	Dimethyl phthalate	530	U	990	530	340
84-74-2	Di-n-butyl phthalate	530	U	990	530	300

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0112M-0001-SO | Lab Sample ID: 240-18544-31

Matrix: Solid | Lab File ID: 21226015.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.42(g) | Date Analyzed: 12/26/2012 14:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70078 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	1600	U	3000	1600	1600
51-28-5	2,4-Dinitrophenol	1600	U	6500	1600	1600
121-14-2	2,4-Dinitrotoluene	530	U	3900	530	530
606-20-2	2,6-Dinitrotoluene	530	U	3900	530	410
117-84-0	Di-n-octyl phthalate	530	U	990	530	530
206-44-0	Fluoranthene	410	D	130	65	65
86-73-7	Fluorene	65	U	130	65	65
118-74-1	Hexachlorobenzene	65	U	130	65	41
87-68-3	Hexachlorobutadiene	530	U	990	530	530
77-47-4	Hexachlorocyclopentadiene	530	U	6500	530	530
67-72-1	Hexachloroethane	530	U	990	530	180
193-39-5	Indeno[1,2,3-cd]pyrene	83	J D M	130	65	65
78-59-1	Isophorone	530	U	990	530	260
91-57-6	2-Methylnaphthalene	65	U	130	65	65
95-48-7	2-Methylphenol	1600	U	3900	1600	1600
15831-10-4	3 & 4 Methylphenol	1600	U	7900	1600	390
91-20-3	Naphthalene	65	U	130	65	65
88-74-4	2-Nitroaniline	530	U	3900	530	180
99-09-2	3-Nitroaniline	1600	U	3900	1600	320
100-01-6	4-Nitroaniline	530	U	3900	530	510
98-95-3	Nitrobenzene	65	U	2000	65	43
88-75-5	2-Nitrophenol	530	U	990	530	530
100-02-7	4-Nitrophenol	1600	U	6500	1600	1600
621-64-7	N-Nitrosodi-n-propylamine	530	U	990	530	530
86-30-6	N-Nitrosodiphenylamine	530	U	990	530	410
87-86-5	Pentachlorophenol	1600	U	3000	1600	1600
85-01-8	Phenanthrene	280	D	130	65	65
108-95-2	Phenol	530	U	990	530	530
129-00-0	Pyrene	330	D	130	65	65
120-82-1	1,2,4-Trichlorobenzene	530	U	990	530	530
95-95-4	2,4,5-Trichlorophenol	530	U	3000	530	490
88-06-2	2,4,6-Trichlorophenol	1600	U	3000	1600	1600

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0112M-0001-SO | Lab Sample ID: 240-18544-31

Matrix: Solid | Lab File ID: 21226015.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.42(g) | Date Analyzed: 12/26/2012 14:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70078 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	59		45-105
367-12-4	2-Fluorophenol (Surr)	79		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	50		35-100
4165-62-2	Phenol-d5 (Surr)	76		40-100
1718-51-0	Terphenyl-d14 (Surr)	63		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	51		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226015.D
Lims ID: 240-18544-E-31-D
Client ID: 076SB-0112M-0001-SO
Inject. Date: 26-Dec-2012 14:18:30
Dil. Factor: 20.0000
Sample Type: Client
Sample ID: 240-0016171-015
Misc. Info.: 240-18544-E-33-D
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 15
Lims Batch ID: 70078
Lims Sample ID: 15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\8270_hp7.m
Last Update: 27-Dec-2012 10:02:29
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK020

First Level Reviewer: gruberj
Date: 26-Dec-2012 15:11:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.861	5.861	0.0	97	266372	4.00	
* 2 Naphthalene-d8	136	6.978	6.979	-0.001	100	1058829	4.00	
* 3 Acenaphthene-d10	164	8.465	8.471	-0.006	91	626222	4.00	
* 4 Phenanthrene-d10	188	9.722	9.722	0.0	98	1015721	4.00	
* 5 Chrysene-d12	240	12.236	12.236	0.0	94	1023308	4.00	
* 6 Perylene-d12	264	14.274	14.274	0.0	93	840100	4.00	
$ 7 2-Fluorophenol	112	4.614	4.598	0.016	87	48364	0.5918	
$ 8 Phenol-d5	99	5.508	5.502	0.006	95	61867	0.5687	
$ 9 Nitrobenzene-d5	82	6.347	6.347	0.0	94	29092	0.2494	
$ 10 2-Fluorobiphenyl (Surr)	172	7.882	7.882	0.0	97	65672	0.2926	
$ 11 2,4,6-Tribromophenol	330	9.129	9.129	0.0	72	7996	0.3798	
$ 12 Terphenyl-d14	244	11.065	11.070	-0.005	96	66273	0.3165	
41 Phenol	94		5.513					9
44 Bis(2-chloroethyl)ether	93		5.615					9
46 2-Chlorophenol	128		5.668					
47 1,3-Dichlorobenzene	146		5.813					9
48 1,4-Dichlorobenzene	146		5.877					9
49 Benzyl alcohol	108		5.973					
50 1,2-Dichlorobenzene	146		6.010					
51 2-Methylphenol	108		6.064					
52 2,2'-oxybis[1-chloropropane]	45		6.096					
191 3 & 4 Methylphenol	108		6.192					
56 N-Nitrosodi-n-propylamine	70		6.208					9
60 Hexachloroethane	117		6.315					9
61 Nitrobenzene	77		6.363					9
63 Isophorone	82		6.567					
65 2-Nitrophenol	139		6.642					
64 2,4-Dimethylphenol	107		6.658					
69 Benzoic acid	122		6.722					9
68 Bis(2-chloroethoxy)methane	93		6.749					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.845					
72 1,2,4-Trichlorobenzene	180		6.925					
73 Naphthalene	128		6.995					
74 4-Chloroaniline	127		7.032					9
77 Hexachlorobutadiene	225		7.091					
84 4-Chloro-3-methylphenol	107		7.422					
85 2-Methylnaphthalene	142		7.583					
88 Hexachlorocyclopentadiene	237		7.711					
90 2,4,6-Trichlorophenol	196		7.813					
91 2,4,5-Trichlorophenol	196		7.840					
98 2-Chloronaphthalene	162		8.000					
100 2-Nitroaniline	65		8.070					
103 Dimethyl phthalate	163		8.214					
105 2,6-Dinitrotoluene	165		8.268					
107 Acenaphthylene	152		8.353					
108 3-Nitroaniline	138		8.417					
110 Acenaphthene	153		8.498					9
109 2,4-Dinitrophenol	184		8.503					
111 4-Nitrophenol	109		8.530					9
112 2,4-Dinitrotoluene	165		8.610					
114 Dibenzofuran	168		8.642					
119 Diethyl phthalate	149		8.802					9
121 4-Chlorophenyl phenyl ether	204		8.915					
123 4-Nitroaniline	138		8.931					
124 Fluorene	166		8.931					9
126 4,6-Dinitro-2-methylphenol	198		8.952					
130 N-Nitrosodiphenylamine	169		9.011					
137 4-Bromophenyl phenyl ether	248		9.332					
139 Hexachlorobenzene	284		9.391					
141 Pentachlorophenol	266		9.551					
146 Phenanthrene	178	9.744	9.744	0.0	92	57102	0.2094	
147 Anthracene	178		9.787					
149 Carbazole	167		9.910					9
151 Di-n-butyl phthalate	149		10.172					9
157 Fluoranthene	202	10.749	10.749	0.0	95	92175	0.3080	
160 Pyrene	202	10.952	10.953	-0.001	95	74610	0.2520	
166 Butyl benzyl phthalate	149		11.536					9
173 3,3'-Dichlorobenzidine	252		12.172					
171 Bis(2-ethylhexyl) phthalate	149		12.193					9
175 Benzo[a]anthracene	228	12.225	12.226	-0.001	66	39233	0.1483	
176 Chrysene	228	12.268	12.268	0.0	63	30202	0.1205	
178 Di-n-octyl phthalate	149		13.087					9
180 Benzo[b]fluoranthene	252	13.707	13.702	0.005	83	36325	0.1448	
181 Benzo[k]fluoranthene	252	13.728	13.745	-0.017	87	22779	0.0846	M
182 Benzo[a]pyrene	252	14.188	14.194	-0.006	62	25483	0.1081	
186 Indeno[1,2,3-cd]pyrene	276	15.900	15.905	-0.005	88	15753	0.0630	M
187 Dibenz(a,h)anthracene	278		15.932					9
188 Benzo[g,h,i]perylene	276	16.339	16.339	0.0	67	19624	0.0895	M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

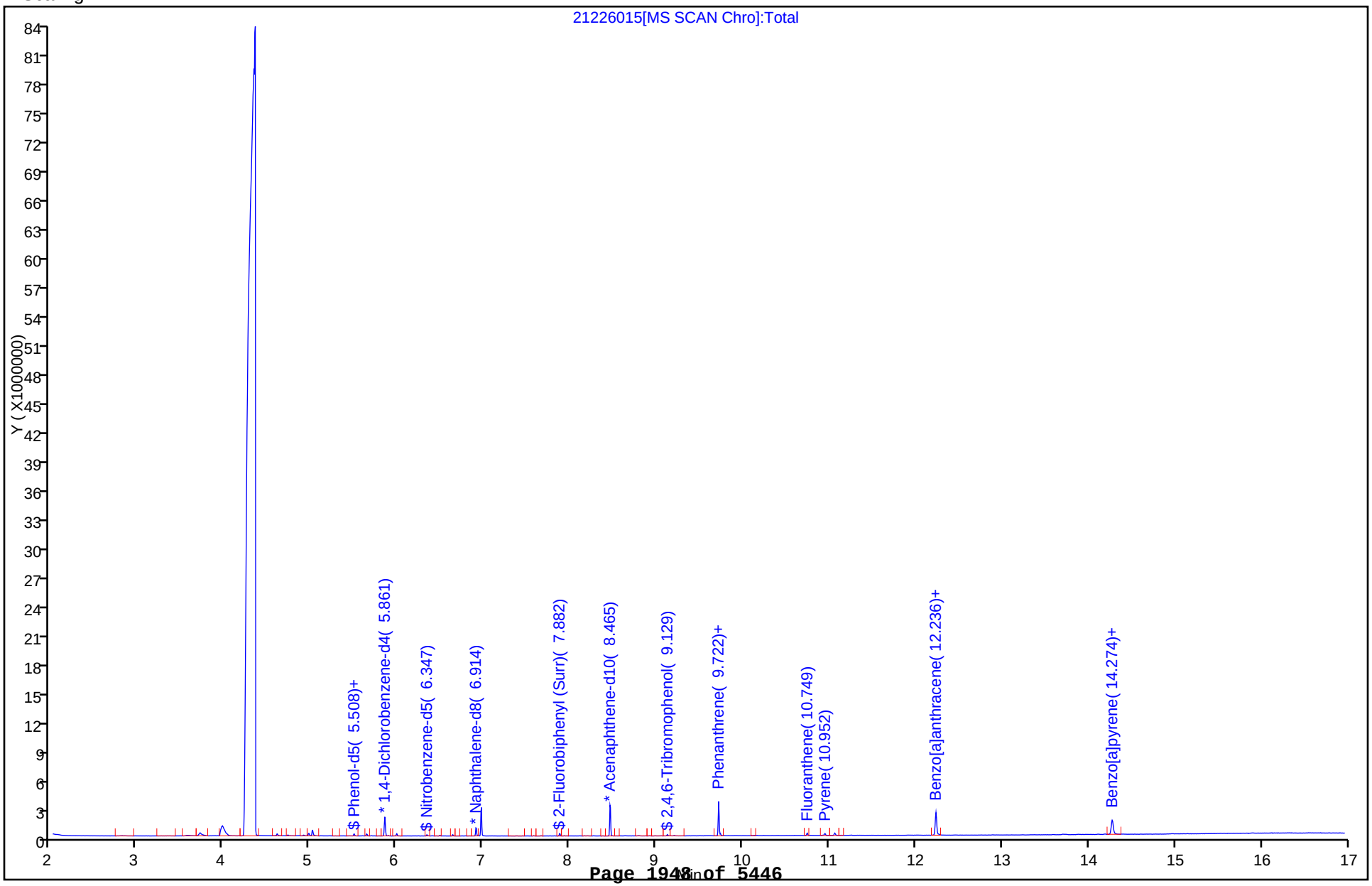
Report Date: 27-Dec-2012 11:21:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226015.D

Injection Date:	26-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



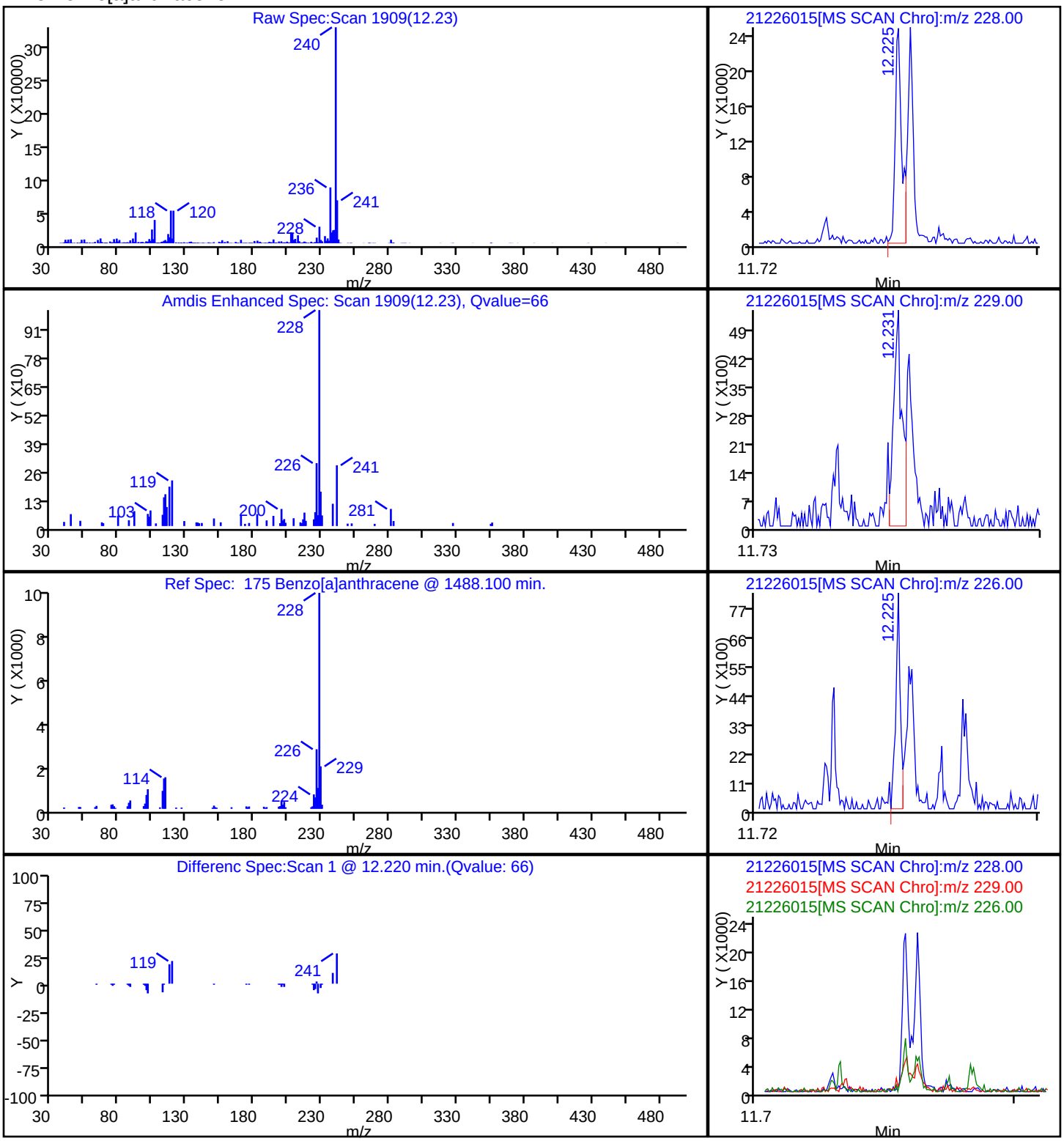
Report Date: 27-Dec-2012 11:21:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226015.D

Injection Date:	26-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

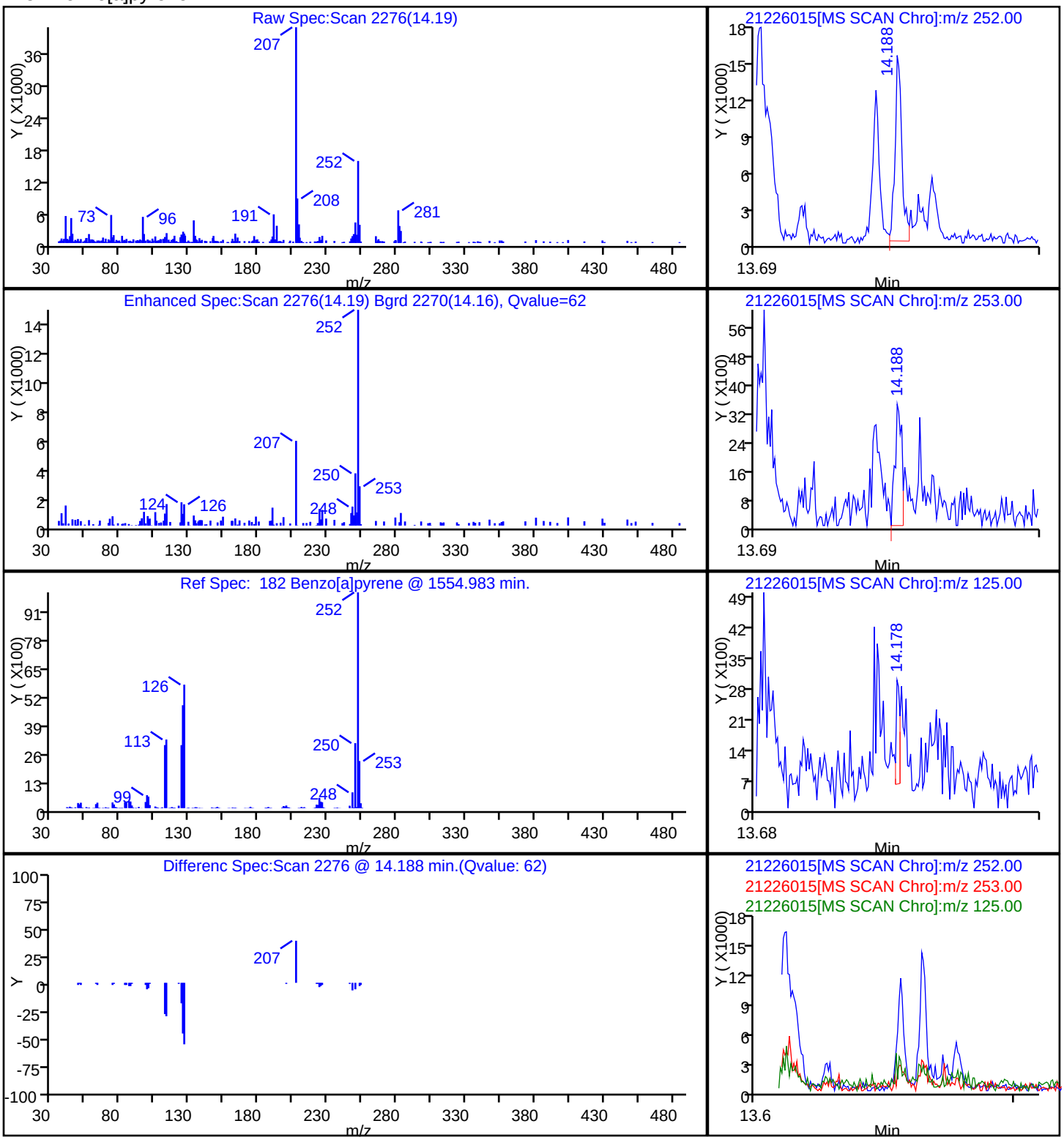


Report Date: 27-Dec-2012 11:21:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226015.D		
Injection Date:	26-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



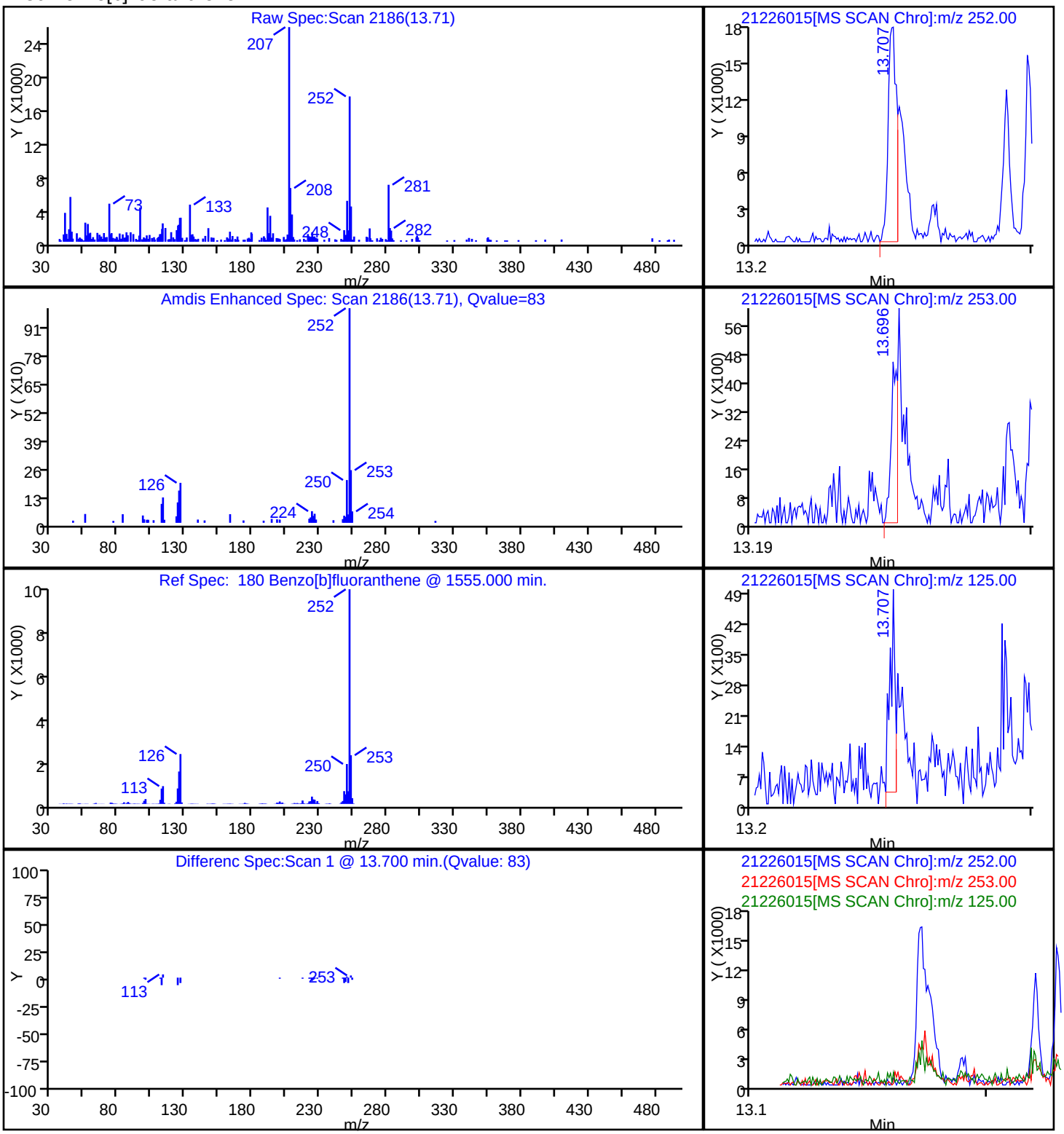
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226015.D

Injection Date:	26-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

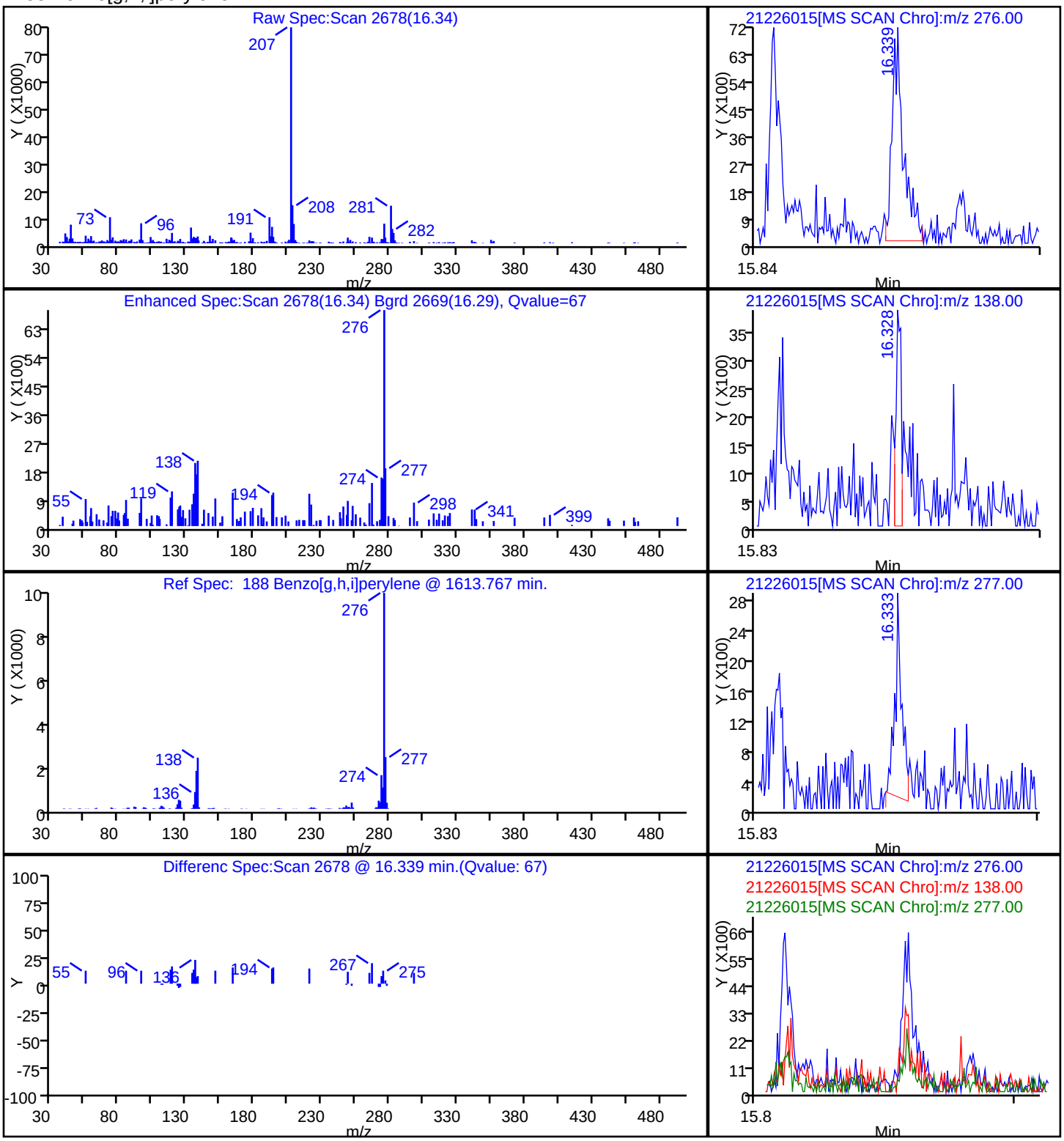


Report Date: 27-Dec-2012 11:21:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226015.D		
Injection Date:	26-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



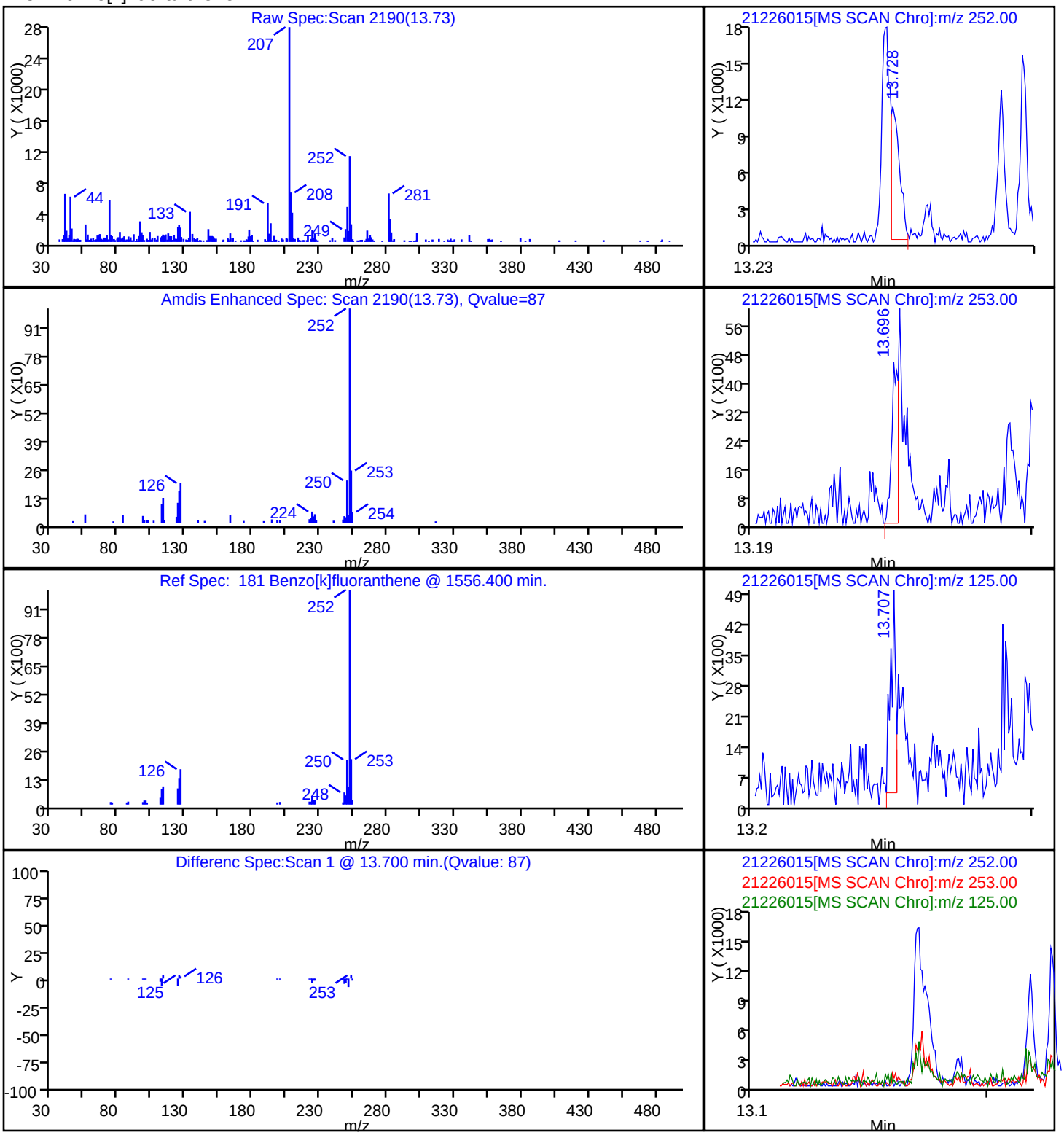
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TestAmerica Canton

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Injection Date:	26-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



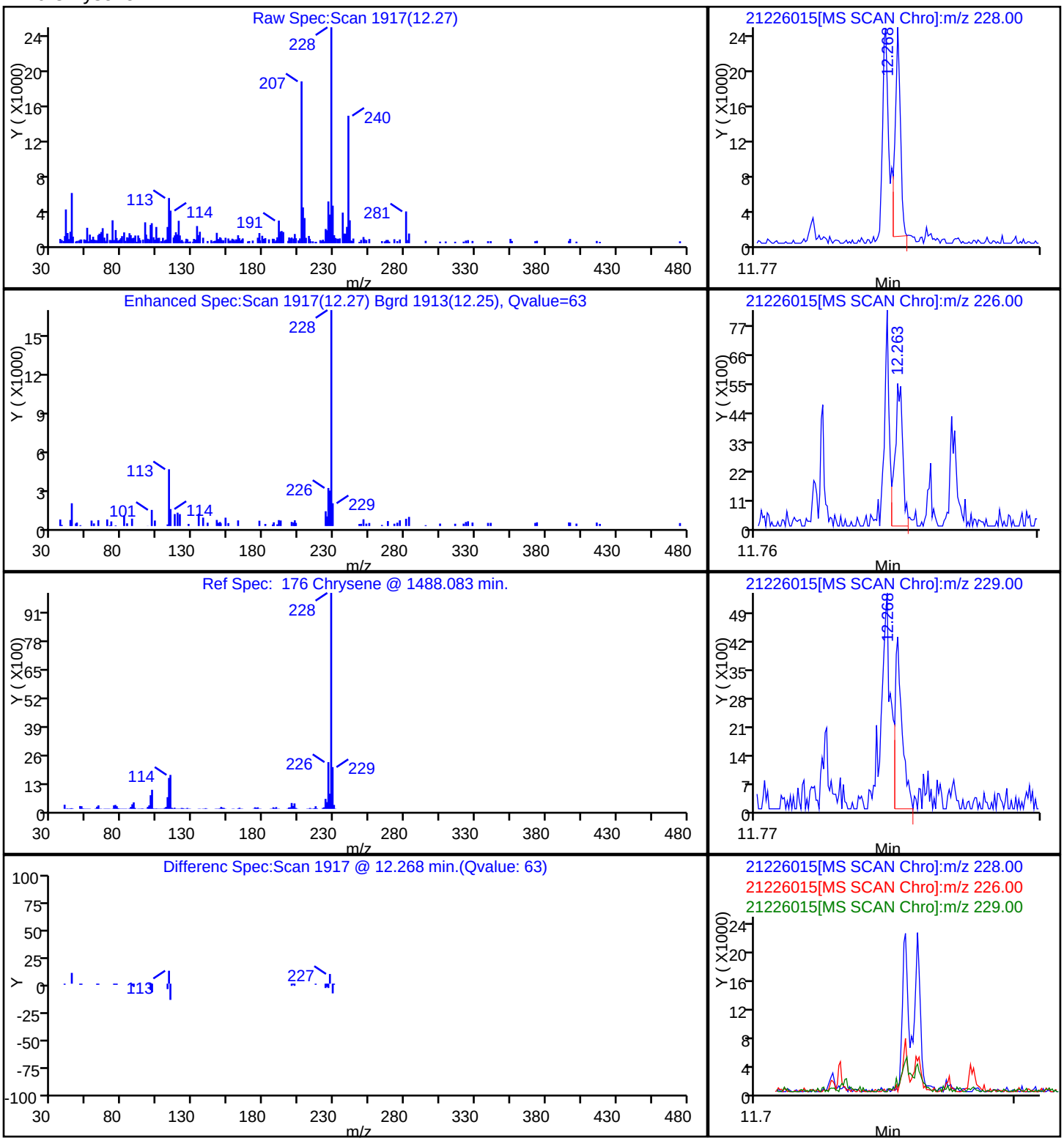
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226015.D

Injection Date:	26-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



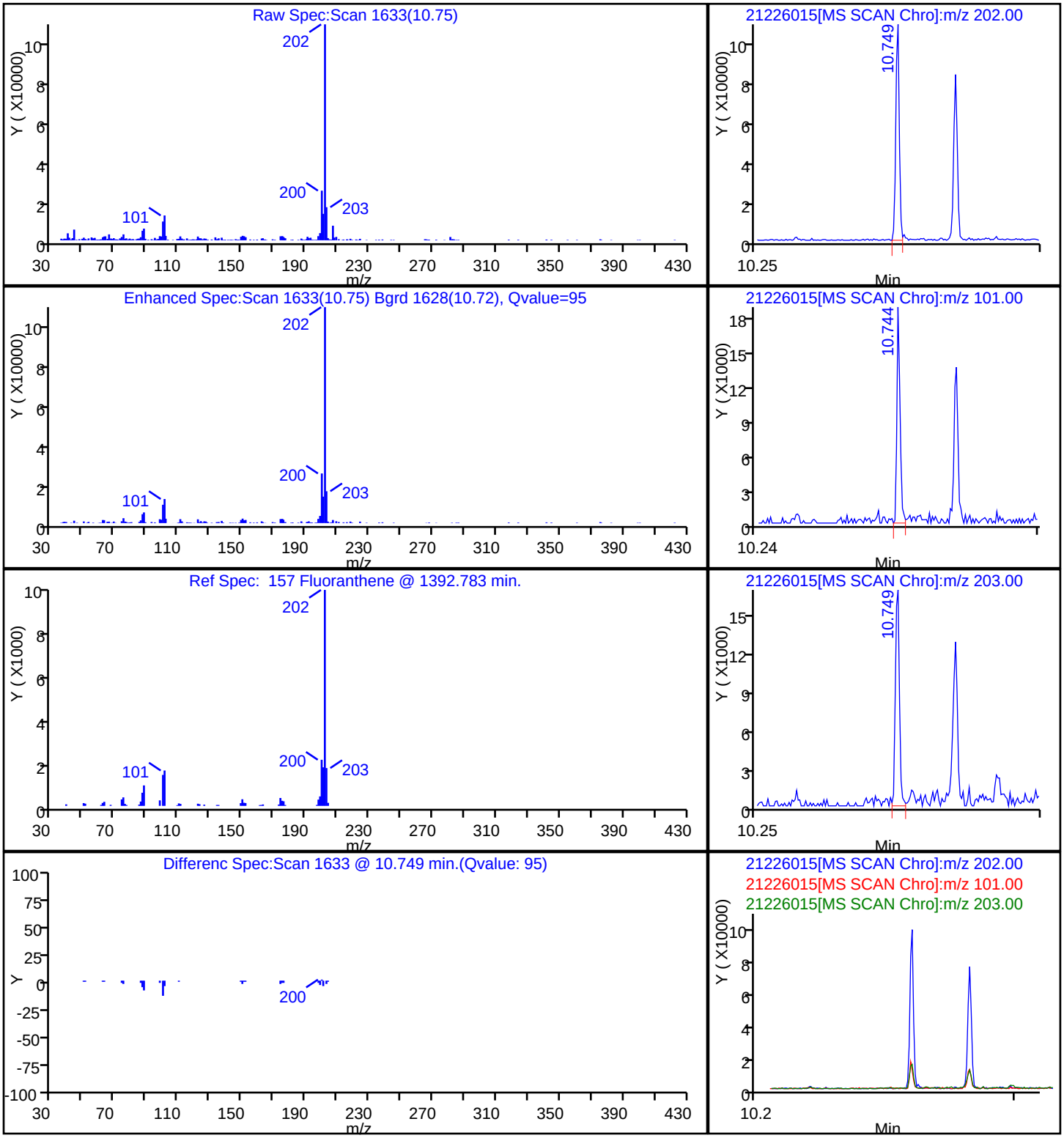
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226015.D

Injection Date:	26-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



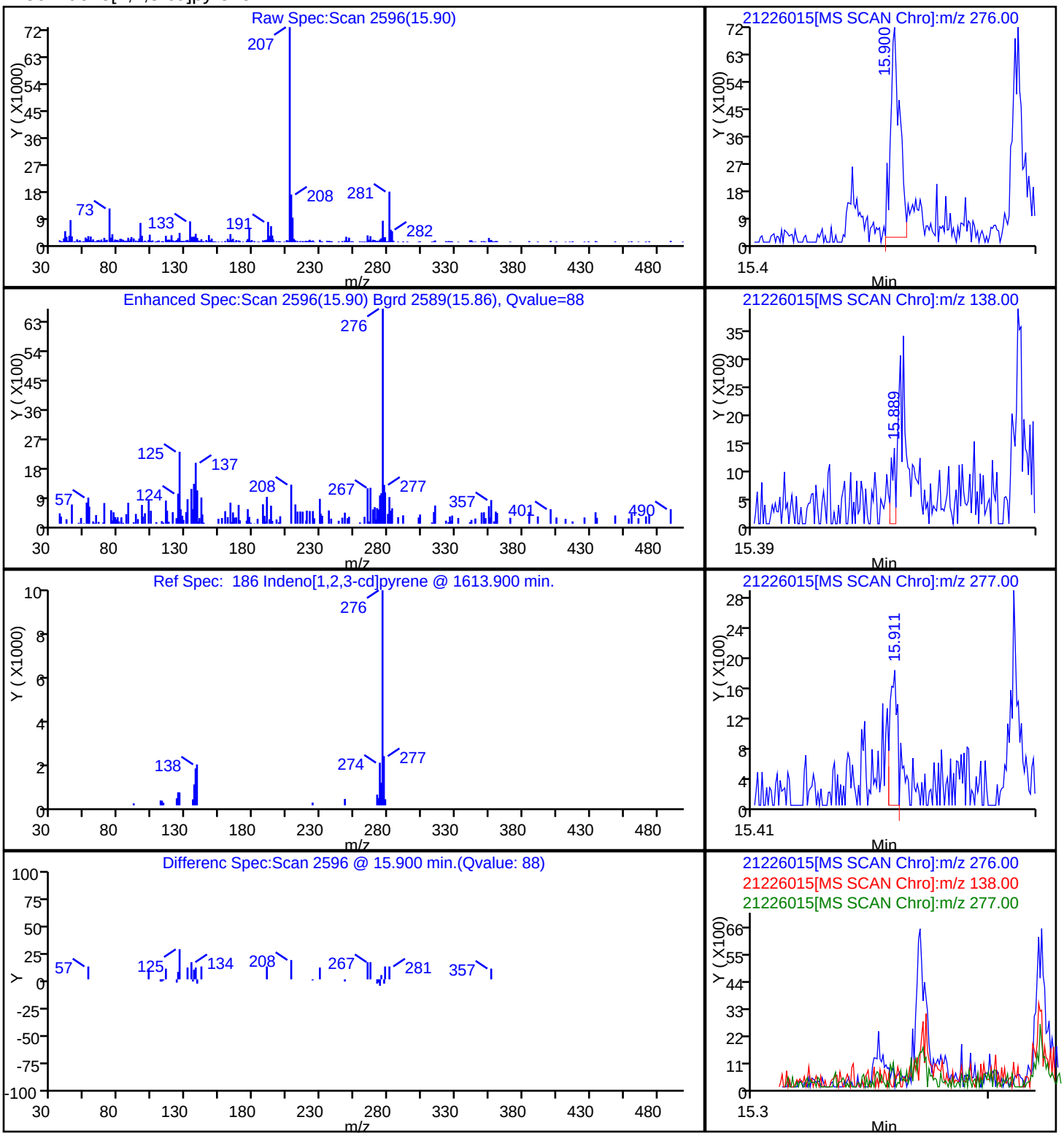
Report Date: 27-Dec-2012 11:21:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226015.D

Injection Date:	26-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



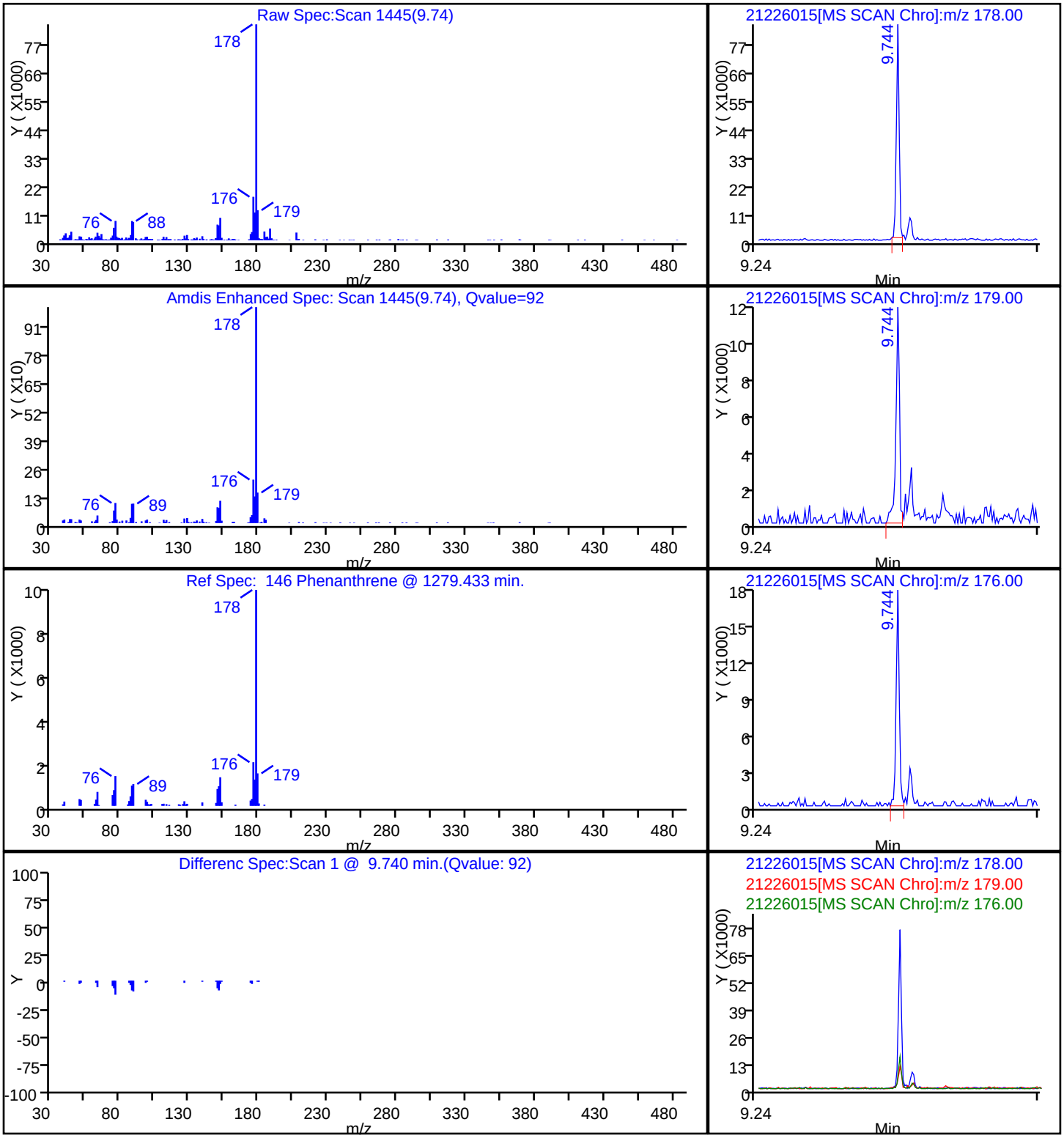
Report Date: 27-Dec-2012 11:21:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226015.D

Injection Date:	26-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



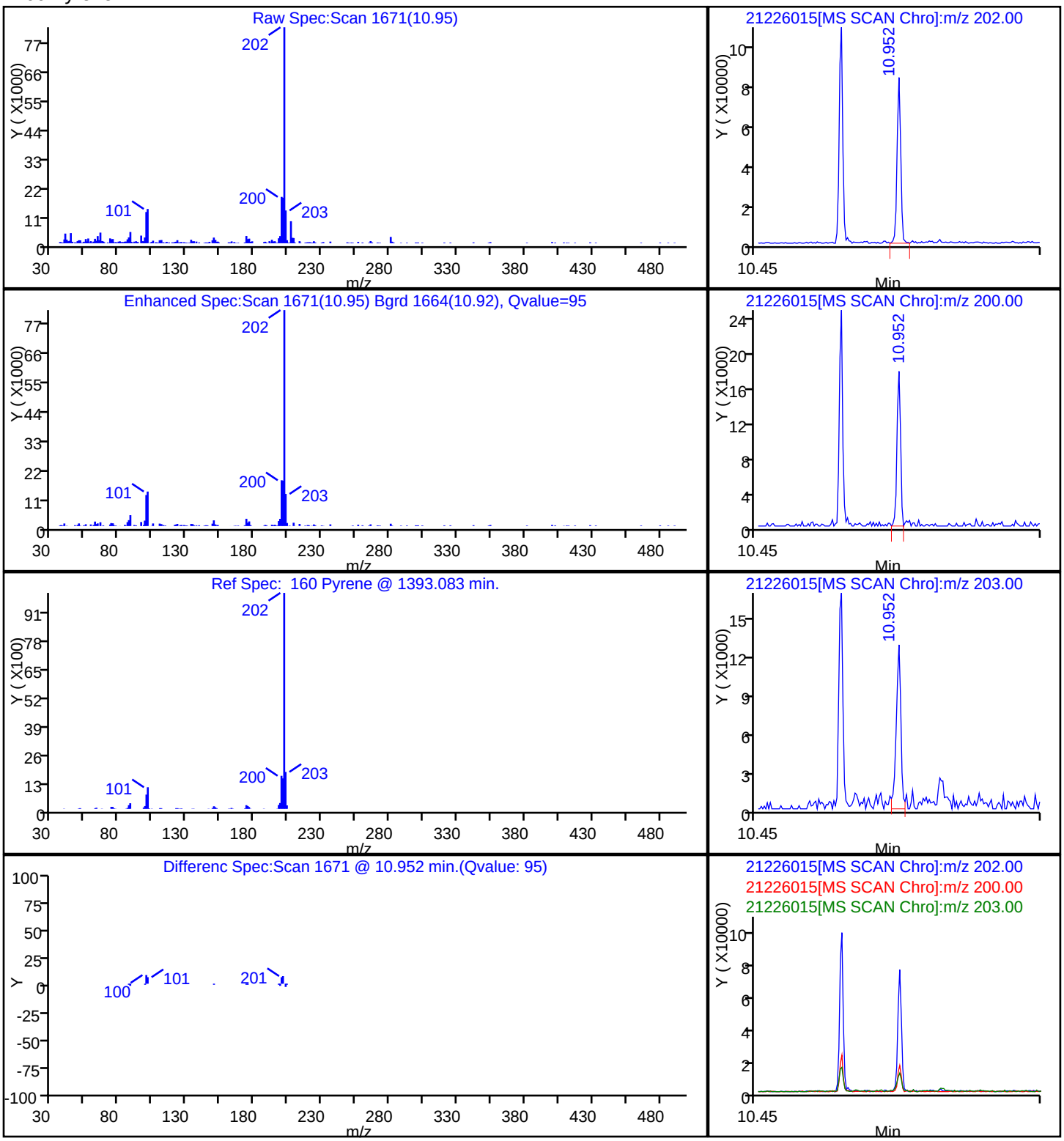
Report Date: 27-Dec-2012 11:21:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226015.D

Injection Date:	26-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

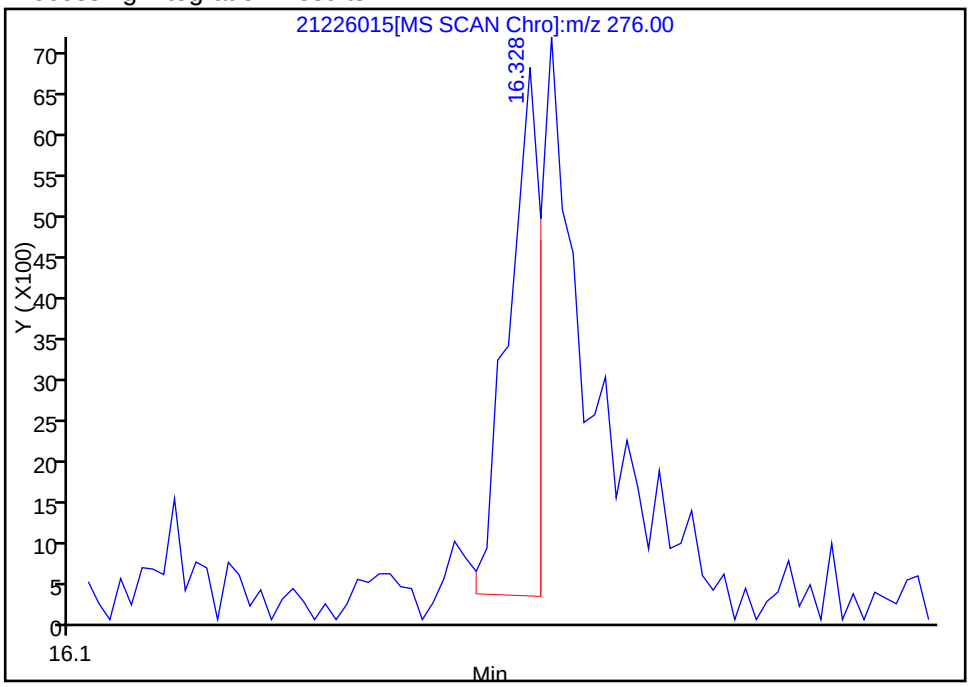
TestAmerica Canton

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Client ID:	076SB-0112M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.34

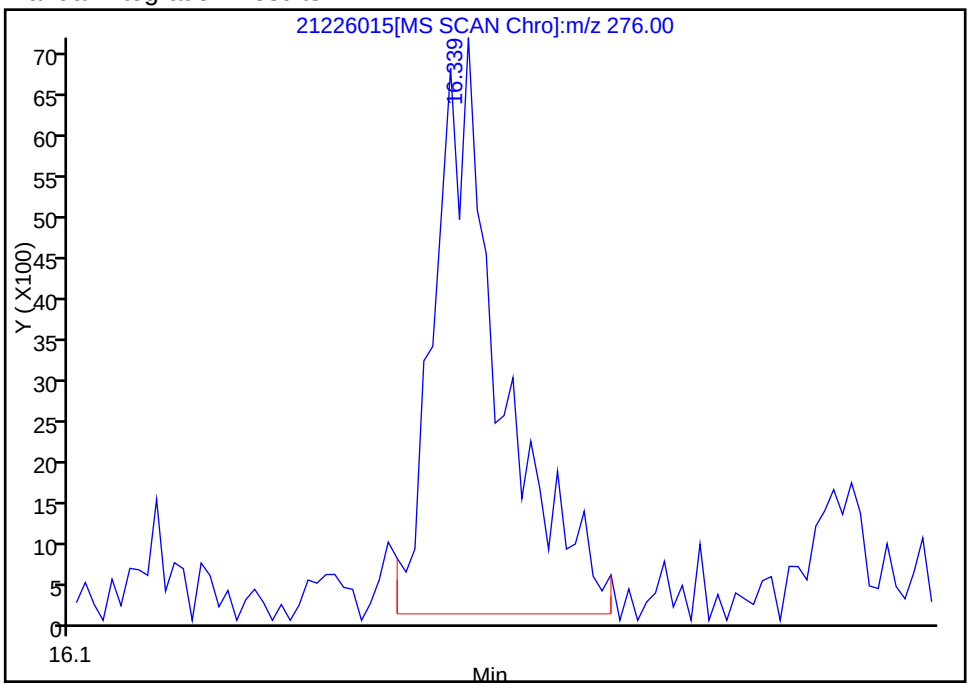
Processing Integration Results

RT: 16.33
Response: 7316
Amount: 0.033380



Manual Integration Results

RT: 16.34
Response: 19624
Amount: 0.089536



Reviewer: gruberj, 26-Dec-2012 15:11:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

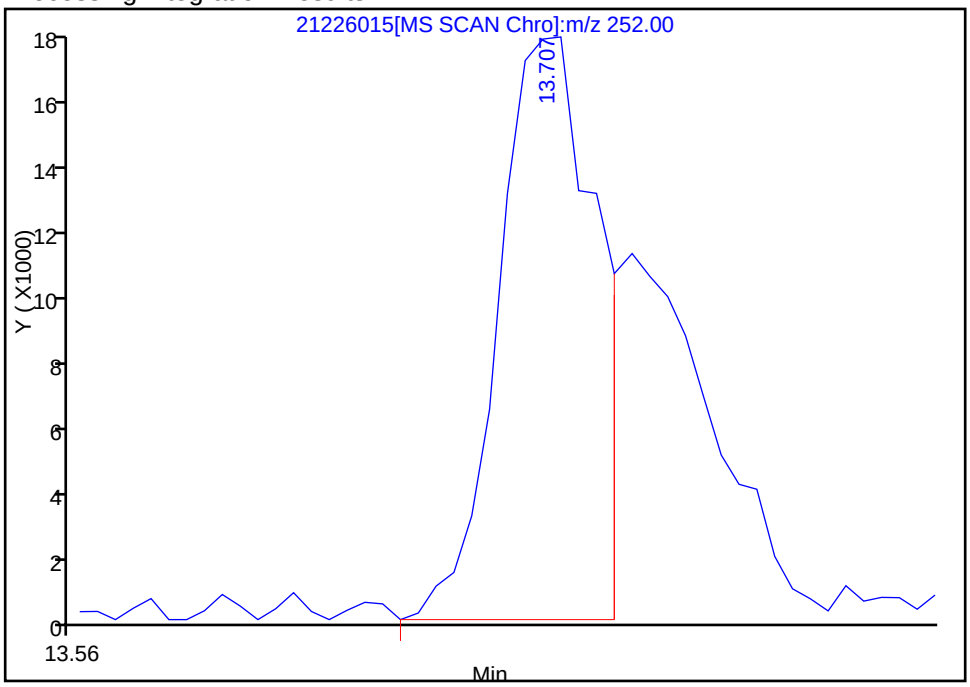
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226015.D		
Injection Date:	26-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.74

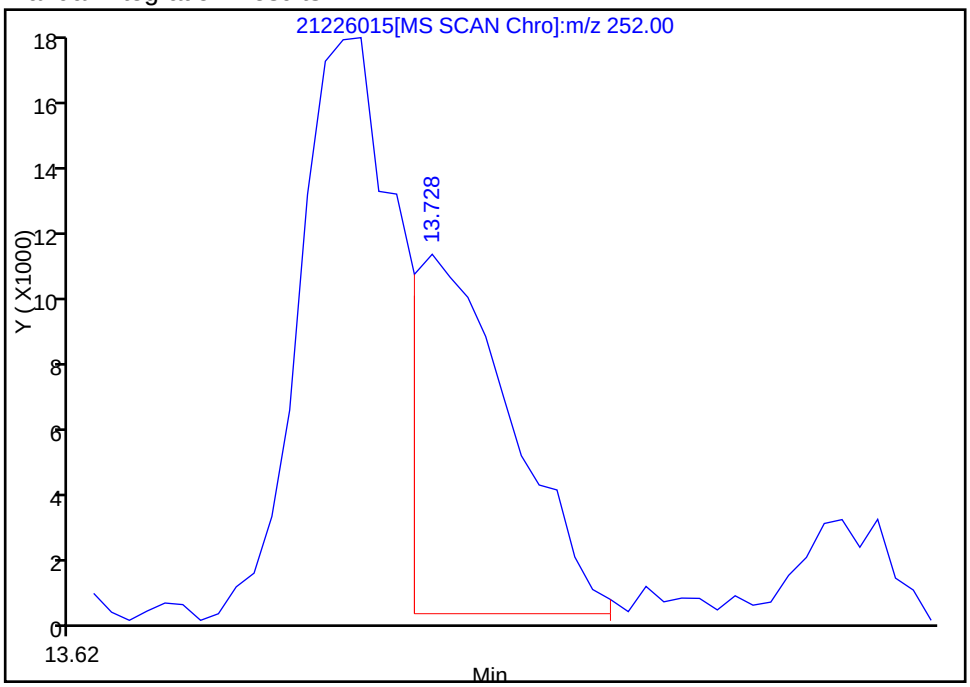
Processing Integration Results

RT: 13.71
Response: 36325
Amount: 0.134989



Manual Integration Results

RT: 13.73
Response: 22779
Amount: 0.084650



Reviewer: gruberj, 26-Dec-2012 15:11:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

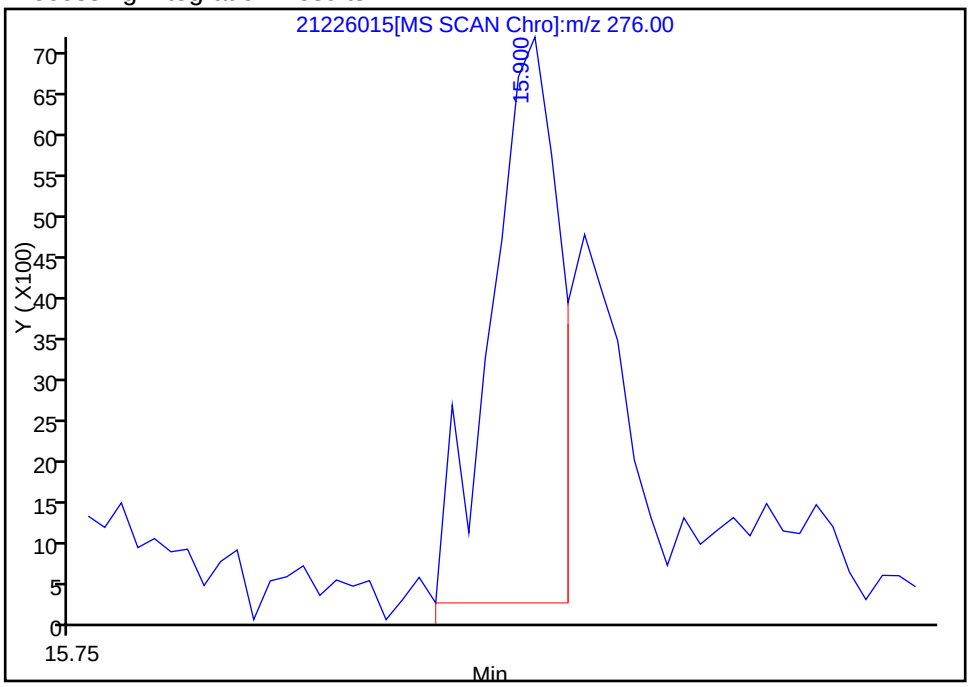
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226015.D		
Injection Date:	26-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 15.91

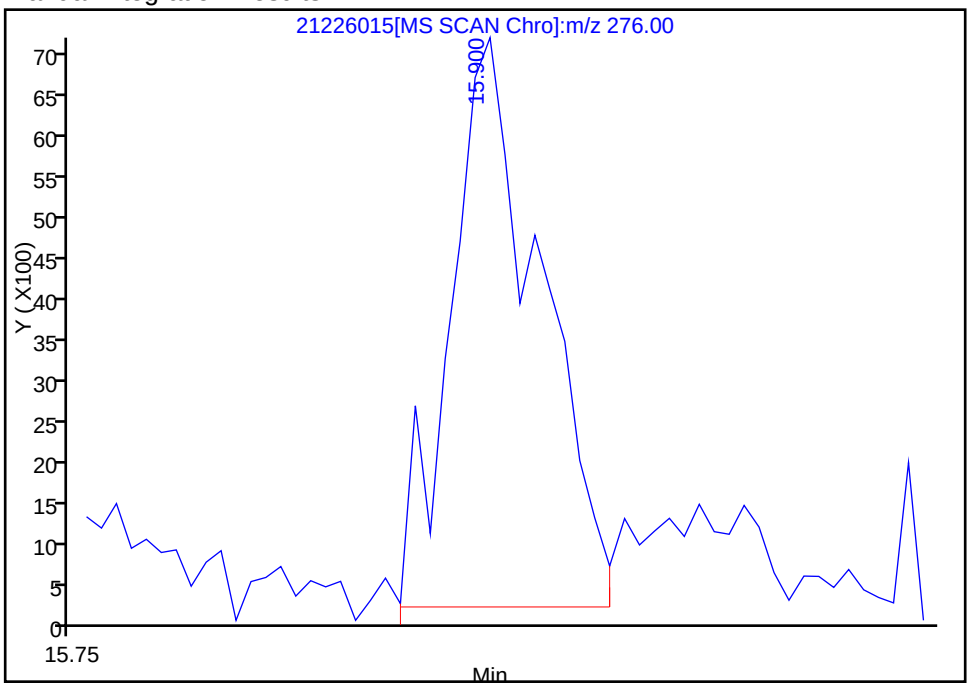
Processing Integration Results

RT: 15.90
Response: 10756
Amount: 0.042984



Manual Integration Results

RT: 15.90
Response: 15753
Amount: 0.062953



Reviewer: gruberj, 26-Dec-2012 15:11:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0113M-0001-SO | Lab Sample ID: 240-18544-32

Matrix: Solid | Lab File ID: 21226014.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.11(g) | Date Analyzed: 12/26/2012 13:55

Con. Extract Vol.: 2(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70078 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	66	U	130	66	66
208-96-8	Acenaphthylene	66	U	130	66	66
120-12-7	Anthracene	66	U	130	66	66
56-55-3	Benzo[a]anthracene	270	D	130	66	66
50-32-8	Benzo[a]pyrene	220	D	130	66	66
205-99-2	Benzo[b]fluoranthene	270	D M	130	66	66
191-24-2	Benzo[g,h,i]perylene	140	D	130	66	66
65-85-0	Benzoic acid	6600	U	13000	6600	6600
207-08-9	Benzo[k]fluoranthene	110	J D M	130	66	66
100-51-6	Benzyl alcohol	540	U	6600	540	420
111-91-1	Bis(2-chloroethoxy)methane	540	U	2000	540	440
111-44-4	Bis(2-chloroethyl)ether	66	U	2000	66	40
108-60-1	bis (2-chloroisopropyl) ether	540	U	2000	540	190
117-81-7	Bis(2-ethylhexyl) phthalate	540	U	1000	540	380
101-55-3	4-Bromophenyl phenyl ether	540	U	1000	540	260
85-68-7	Butyl benzyl phthalate	540	U	1000	540	200
86-74-8	Carbazole	540	U	1000	540	540
106-47-8	4-Chloroaniline	540	U	3000	540	340
59-50-7	4-Chloro-3-methylphenol	540	U	3000	540	420
91-58-7	2-Chloronaphthalene	66	U	1000	66	66
95-57-8	2-Chlorophenol	540	U	1000	540	540
7005-72-3	4-Chlorophenyl phenyl ether	540	U	1000	540	260
218-01-9	Chrysene	280	D	130	66	22
53-70-3	Dibenz(a,h)anthracene	66	U	130	66	66
132-64-9	Dibenzofuran	66	U	1000	66	66
95-50-1	1,2-Dichlorobenzene	540	U	1000	540	190
541-73-1	1,3-Dichlorobenzene	540	U	1000	540	220
106-46-7	1,4-Dichlorobenzene	540	U	1000	540	400
91-94-1	3,3'-Dichlorobenzidine	1600	U	2000	1600	360
120-83-2	2,4-Dichlorophenol	540	U	3000	540	400
84-66-2	Diethyl phthalate	540	U	1000	540	320
105-67-9	2,4-Dimethylphenol	1600	U	3000	1600	400
131-11-3	Dimethyl phthalate	540	U	1000	540	340
84-74-2	Di-n-butyl phthalate	540	U	1000	540	300

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0113M-0001-SO | Lab Sample ID: 240-18544-32

Matrix: Solid | Lab File ID: 21226014.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.11(g) | Date Analyzed: 12/26/2012 13:55

Con. Extract Vol.: 2(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70078 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	1600	U	3000	1600	1600
51-28-5	2,4-Dinitrophenol	1600	U	6600	1600	1600
121-14-2	2,4-Dinitrotoluene	540	U	4000	540	540
606-20-2	2,6-Dinitrotoluene	540	U	4000	540	420
117-84-0	Di-n-octyl phthalate	540	U	1000	540	540
206-44-0	Fluoranthene	660	D	130	66	66
86-73-7	Fluorene	66	U	130	66	66
118-74-1	Hexachlorobenzene	66	U	130	66	42
87-68-3	Hexachlorobutadiene	540	U	1000	540	540
77-47-4	Hexachlorocyclopentadiene	540	U	6600	540	540
67-72-1	Hexachloroethane	540	U	1000	540	180
193-39-5	Indeno[1,2,3-cd]pyrene	120	J D	130	66	66
78-59-1	Isophorone	540	U	1000	540	260
91-57-6	2-Methylnaphthalene	66	U	130	66	66
95-48-7	2-Methylphenol	1600	U	4000	1600	1600
15831-10-4	3 & 4 Methylphenol	1600	U	8000	1600	400
91-20-3	Naphthalene	66	U	130	66	66
88-74-4	2-Nitroaniline	540	U	4000	540	180
99-09-2	3-Nitroaniline	1600	U	4000	1600	320
100-01-6	4-Nitroaniline	540	U	4000	540	520
98-95-3	Nitrobenzene	66	U	2000	66	44
88-75-5	2-Nitrophenol	540	U	1000	540	540
100-02-7	4-Nitrophenol	1600	U	6600	1600	1600
621-64-7	N-Nitrosodi-n-propylamine	540	U	1000	540	540
86-30-6	N-Nitrosodiphenylamine	540	U	1000	540	420
87-86-5	Pentachlorophenol	1600	U	3000	1600	1600
85-01-8	Phenanthrene	470	D	130	66	66
108-95-2	Phenol	540	U	1000	540	540
129-00-0	Pyrene	510	D	130	66	66
120-82-1	1,2,4-Trichlorobenzene	540	U	1000	540	540
95-95-4	2,4,5-Trichlorophenol	540	U	3000	540	500
88-06-2	2,4,6-Trichlorophenol	1600	U	3000	1600	1600

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0113M-0001-SO | Lab Sample ID: 240-18544-32

Matrix: Solid | Lab File ID: 21226014.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:25

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.11(g) | Date Analyzed: 12/26/2012 13:55

Con. Extract Vol.: 2(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70078 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	62		45-105
367-12-4	2-Fluorophenol (Surr)	86		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	61		35-100
4165-62-2	Phenol-d5 (Surr)	78		40-100
1718-51-0	Terphenyl-d14 (Surr)	71		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	57		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226014.D
Lims ID: 240-18544-E-32-D
Client ID: 076SB-0113M-0001-SO
Inject. Date: 26-Dec-2012 13:55:30
Dil. Factor: 20.0000
Sample Type: Client
Sample ID: 240-0016171-014
Misc. Info.: 240-18544-E-32-D
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 14
Lims Batch ID: 70078
Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\8270_hp7.m
Last Update: 27-Dec-2012 09:55:09
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK036

First Level Reviewer: gruberj
Date: 26-Dec-2012 14:13:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.860	5.861	-0.001	97	269496	4.00	
* 2 Naphthalene-d8	136	6.978	6.979	-0.001	100	1079751	4.00	
* 3 Acenaphthene-d10	164	8.465	8.471	-0.006	92	641746	4.00	
* 4 Phenanthrene-d10	188	9.722	9.722	0.0	99	1029969	4.00	
* 5 Chrysene-d12	240	12.236	12.236	0.0	98	1051228	4.00	
* 6 Perylene-d12	264	14.274	14.274	0.0	96	887179	4.00	
$ 7 2-Fluorophenol	112	4.625	4.598	0.027	90	53431	0.6463	
$ 8 Phenol-d5	99	5.507	5.502	0.005	97	64573	0.5867	
$ 9 Nitrobenzene-d5	82	6.347	6.347	0.0	90	36087	0.3034	
$ 10 2-Fluorobiphenyl (Surr)	172	7.882	7.882	0.0	98	71621	0.3114	
$ 11 2,4,6-Tribromophenol	330	9.134	9.129	0.005	74	9286	0.4304	
$ 12 Terphenyl-d14	244	11.065	11.070	-0.005	96	76451	0.3554	
41 Phenol	94		5.513					9
44 Bis(2-chloroethyl)ether	93		5.615					9
46 2-Chlorophenol	128		5.668					
47 1,3-Dichlorobenzene	146		5.813					9
48 1,4-Dichlorobenzene	146		5.877					9
49 Benzyl alcohol	108		5.973					
50 1,2-Dichlorobenzene	146		6.010					
51 2-Methylphenol	108		6.064					
52 2,2'-oxybis[1-chloropropane]	45		6.096					9
191 3 & 4 Methylphenol	108		6.192					
56 N-Nitrosodi-n-propylamine	70		6.208					9
60 Hexachloroethane	117		6.315					
61 Nitrobenzene	77		6.363					9
63 Isophorone	82		6.567					
65 2-Nitrophenol	139		6.642					9
64 2,4-Dimethylphenol	107		6.658					9
69 Benzoic acid	122		6.722					9
68 Bis(2-chloroethoxy)methane	93		6.749					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.845					
72 1,2,4-Trichlorobenzene	180		6.925					
73 Naphthalene	128		6.995					
74 4-Chloroaniline	127		7.032					9
77 Hexachlorobutadiene	225		7.091					
84 4-Chloro-3-methylphenol	107		7.422					
85 2-Methylnaphthalene	142		7.583					
88 Hexachlorocyclopentadiene	237		7.711					
90 2,4,6-Trichlorophenol	196		7.813					
91 2,4,5-Trichlorophenol	196		7.840					
98 2-Chloronaphthalene	162		8.000					
100 2-Nitroaniline	65		8.070					9
103 Dimethyl phthalate	163		8.214					
105 2,6-Dinitrotoluene	165		8.268					
107 Acenaphthylene	152		8.353					9
108 3-Nitroaniline	138		8.417					
110 Acenaphthene	153		8.498					9
109 2,4-Dinitrophenol	184		8.503					
111 4-Nitrophenol	109		8.530					9
112 2,4-Dinitrotoluene	165		8.610					9
114 Dibenzofuran	168		8.642					
119 Diethyl phthalate	149		8.802					9
121 4-Chlorophenyl phenyl ether	204		8.915					
123 4-Nitroaniline	138		8.931					
124 Fluorene	166		8.931					
126 4,6-Dinitro-2-methylphenol	198		8.952					
130 N-Nitrosodiphenylamine	169		9.011					
137 4-Bromophenyl phenyl ether	248		9.332					
139 Hexachlorobenzene	284		9.391					
141 Pentachlorophenol	266		9.551					
146 Phenanthrene	178	9.744	9.744	0.0	95	97633	0.3531	
147 Anthracene	178		9.787					
149 Carbazole	167		9.910					
151 Di-n-butyl phthalate	149		10.172					
157 Fluoranthene	202	10.749	10.749	0.0	96	149881	0.4939	
160 Pyrene	202	10.952	10.953	-0.001	94	117515	0.3864	
166 Butyl benzyl phthalate	149		11.536					9
173 3,3'-Dichlorobenzidine	252		12.172					
171 Bis(2-ethylhexyl) phthalate	149		12.193					
175 Benzo[a]anthracene	228	12.220	12.226	-0.006	81	55925	0.2058	
176 Chrysene	228	12.268	12.268	0.0	50	54550	0.2119	
178 Di-n-octyl phthalate	149		13.087					
180 Benzo[b]fluoranthene	252	13.696	13.702	-0.006	92	54438	0.2055	M
181 Benzo[k]fluoranthene	252	13.723	13.745	-0.022	93	24120	0.0849	M
182 Benzo[a]pyrene	252	14.188	14.194	-0.006	62	41490	0.1666	
186 Indeno[1,2,3-cd]pyrene	276	15.900	15.905	-0.005	80	23570	0.0892	
187 Dibenz(a,h)anthracene	278		15.932					
188 Benzo[g,h,i]perylene	276	16.333	16.339	-0.006	83	23661	0.1022	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

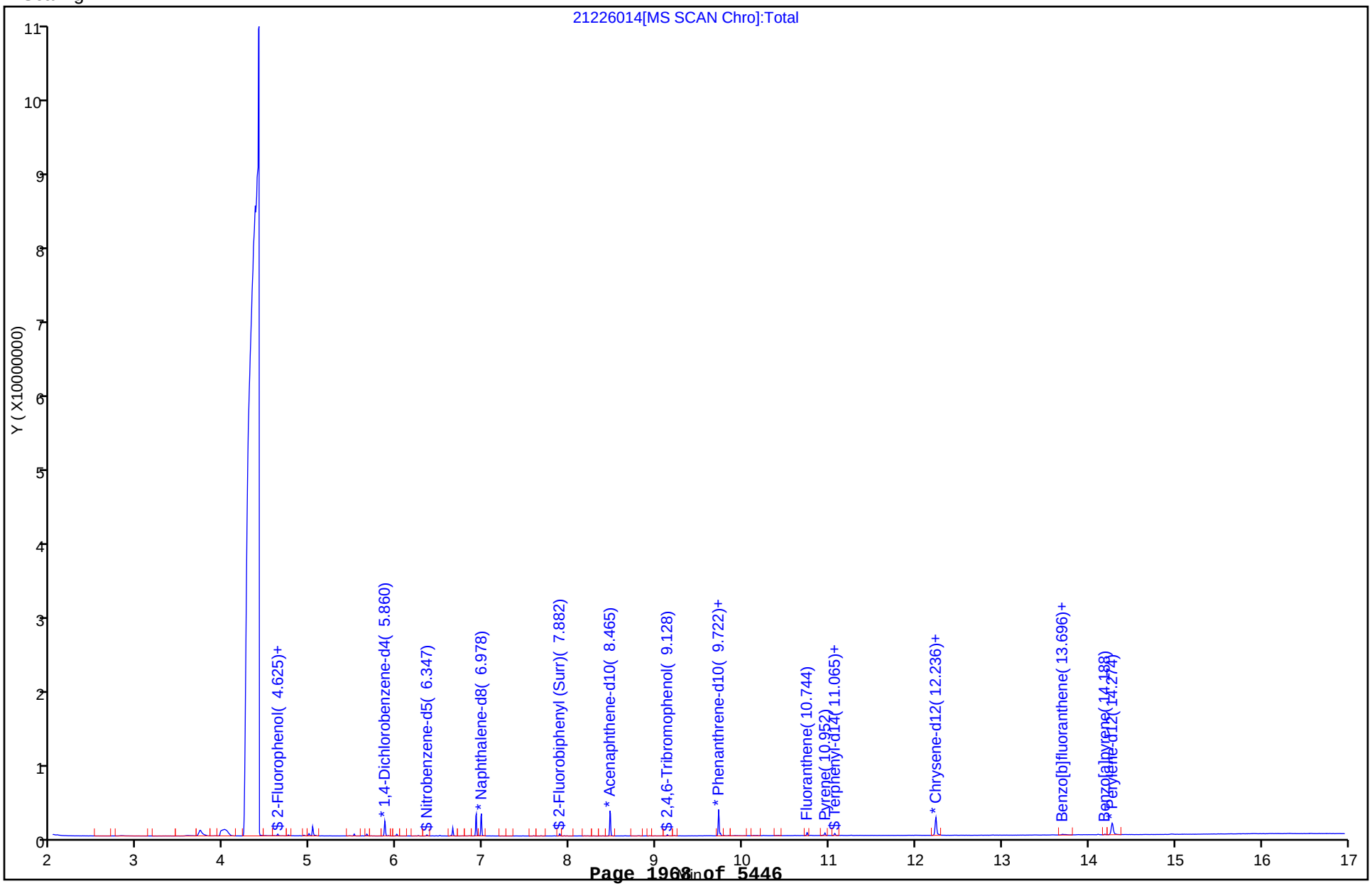
Review Flags
M - Manually Integrated

Report Date: 27-Dec-2012 09:55:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226014.D		
Injection Date:	26-Dec-2012 13:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



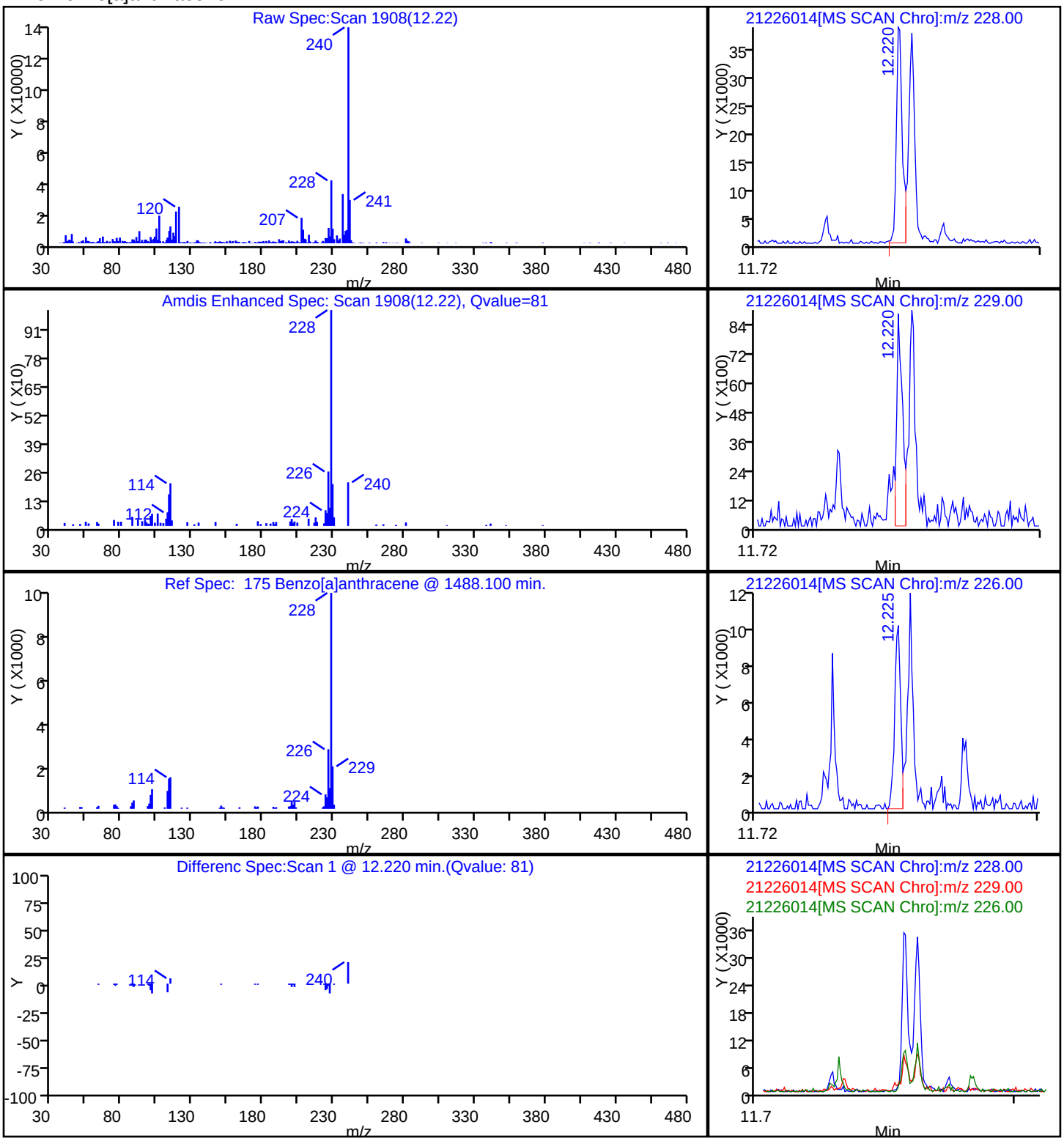
Report Date: 27-Dec-2012 09:55:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226014.D

Injection Date:	26-Dec-2012 13:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



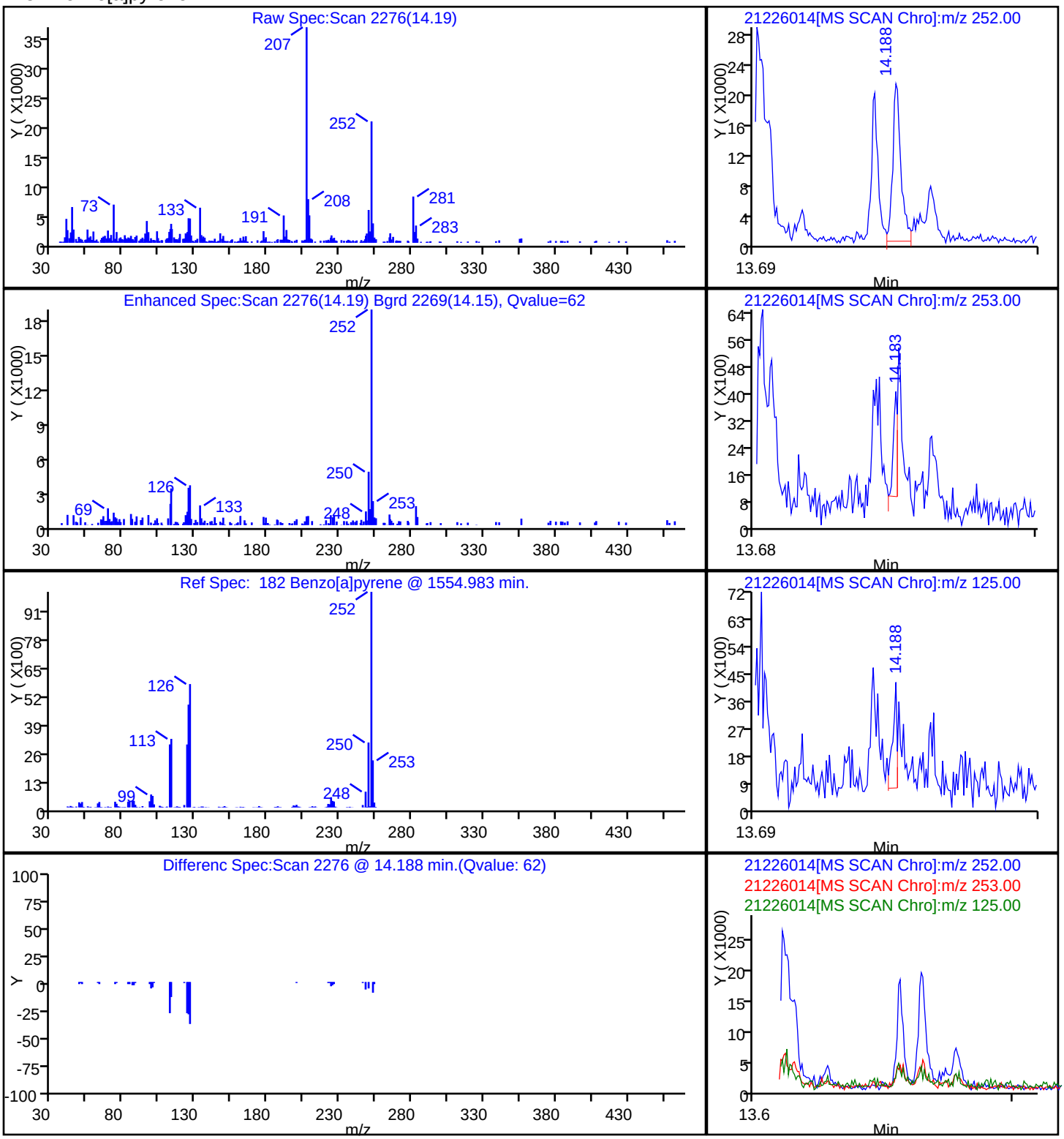
Report Date: 27-Dec-2012 09:55:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226014.D

Injection Date:	26-Dec-2012 13:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



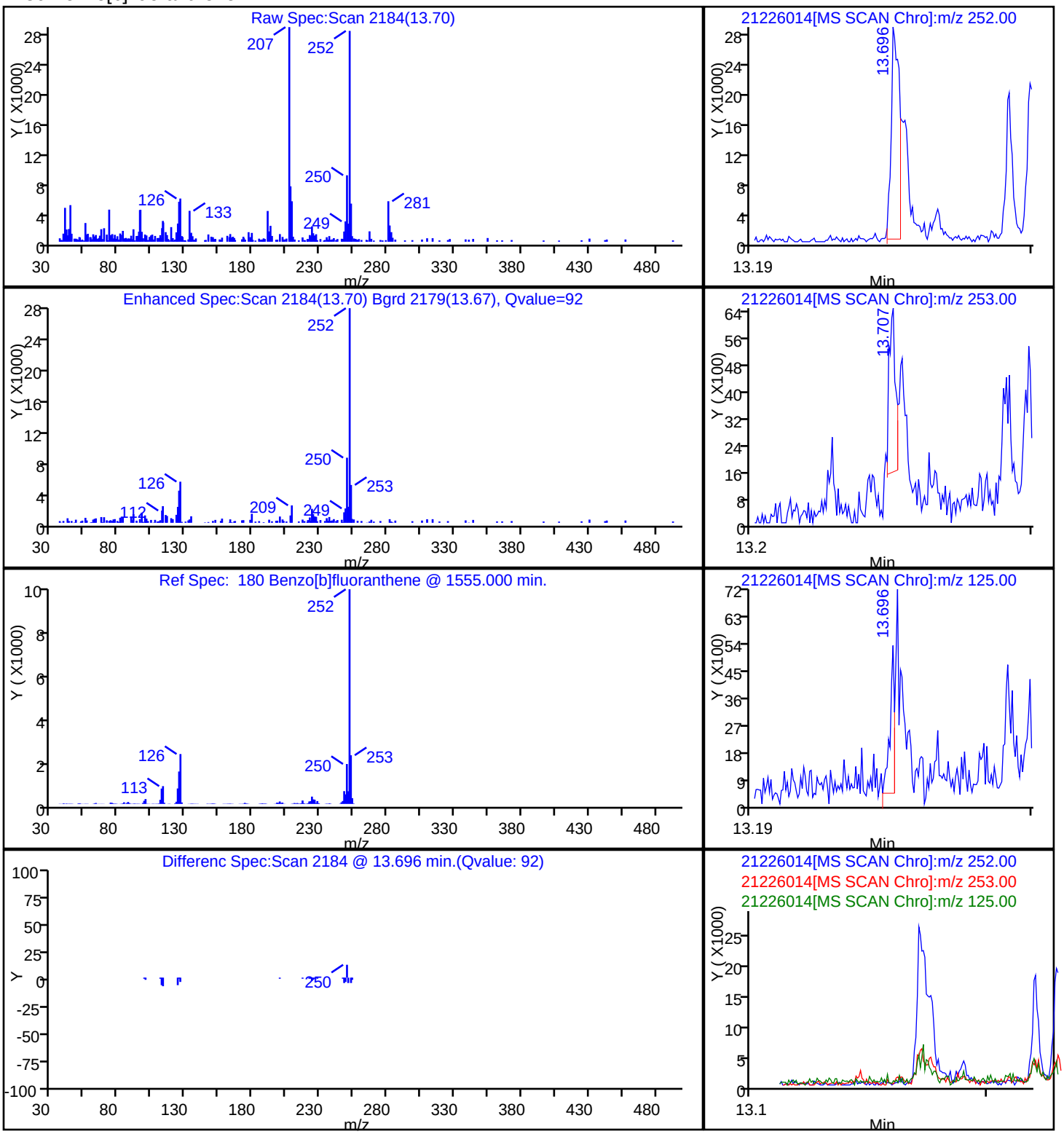
Report Date: 27-Dec-2012 09:55:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226014.D

Injection Date:	26-Dec-2012 13:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

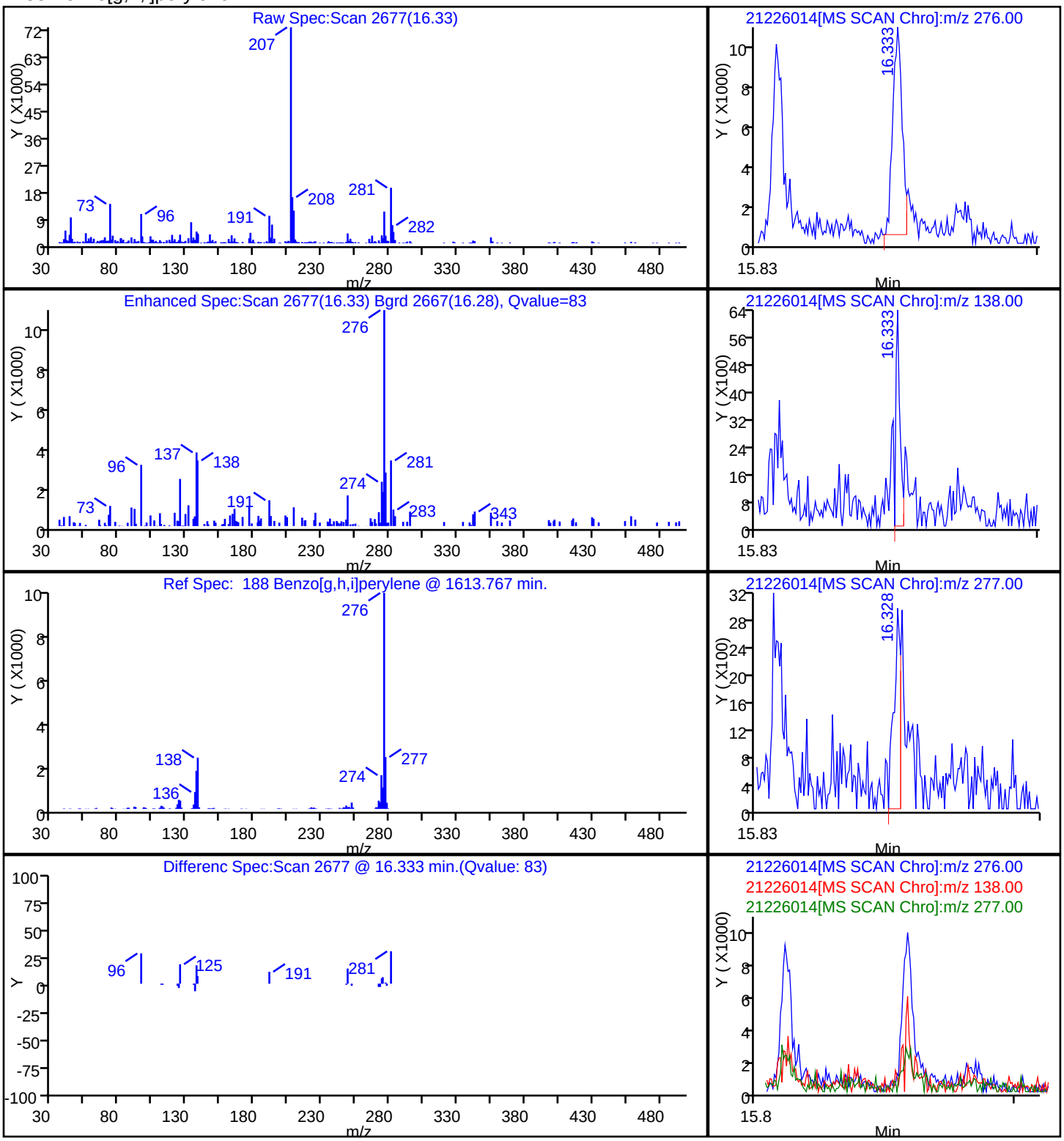


Report Date: 27-Dec-2012 09:55:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226014.D		
Injection Date:	26-Dec-2012 13:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



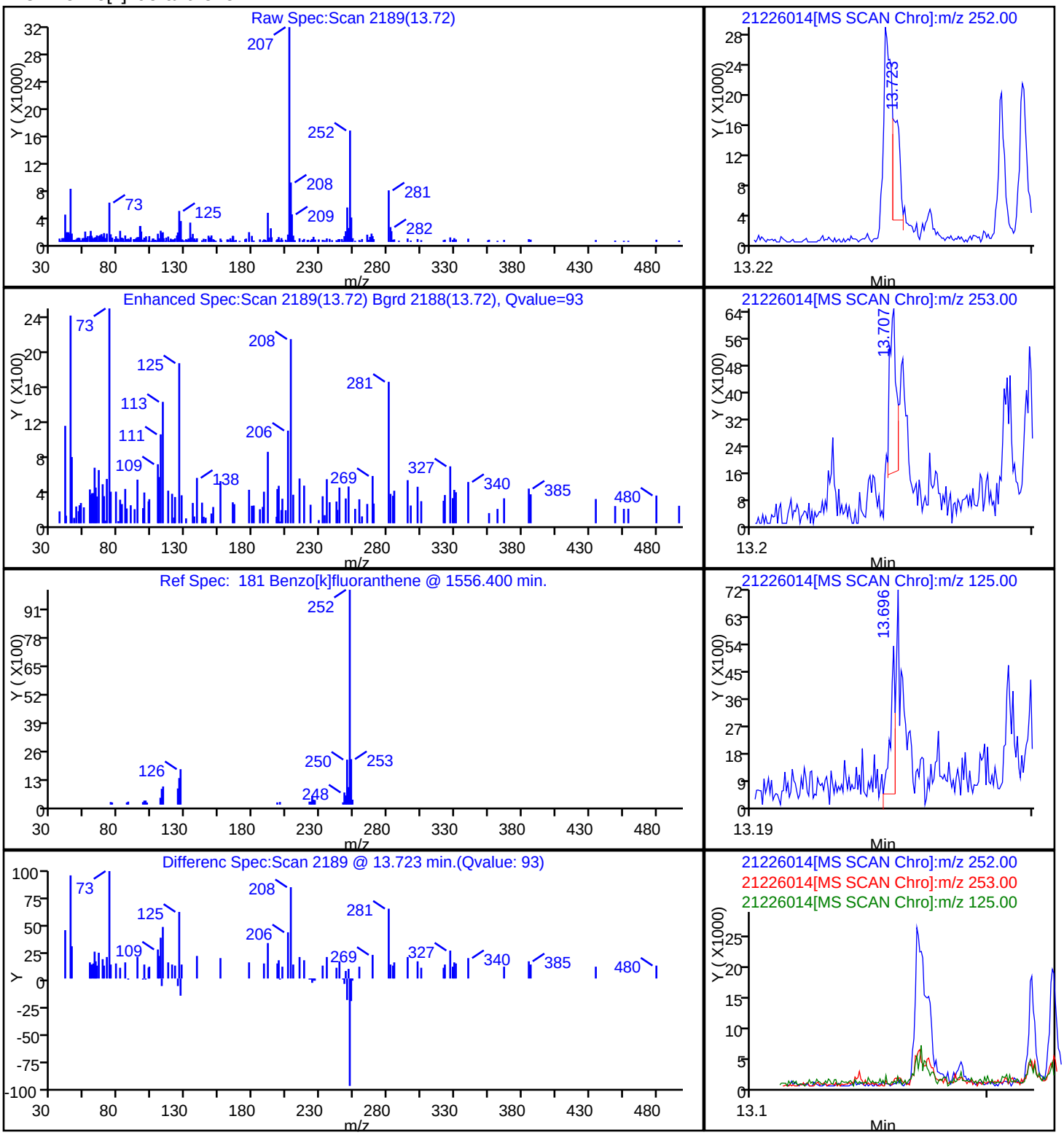
Report Date: 27-Dec-2012 09:55:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226014.D

Injection Date:	26-Dec-2012 13:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

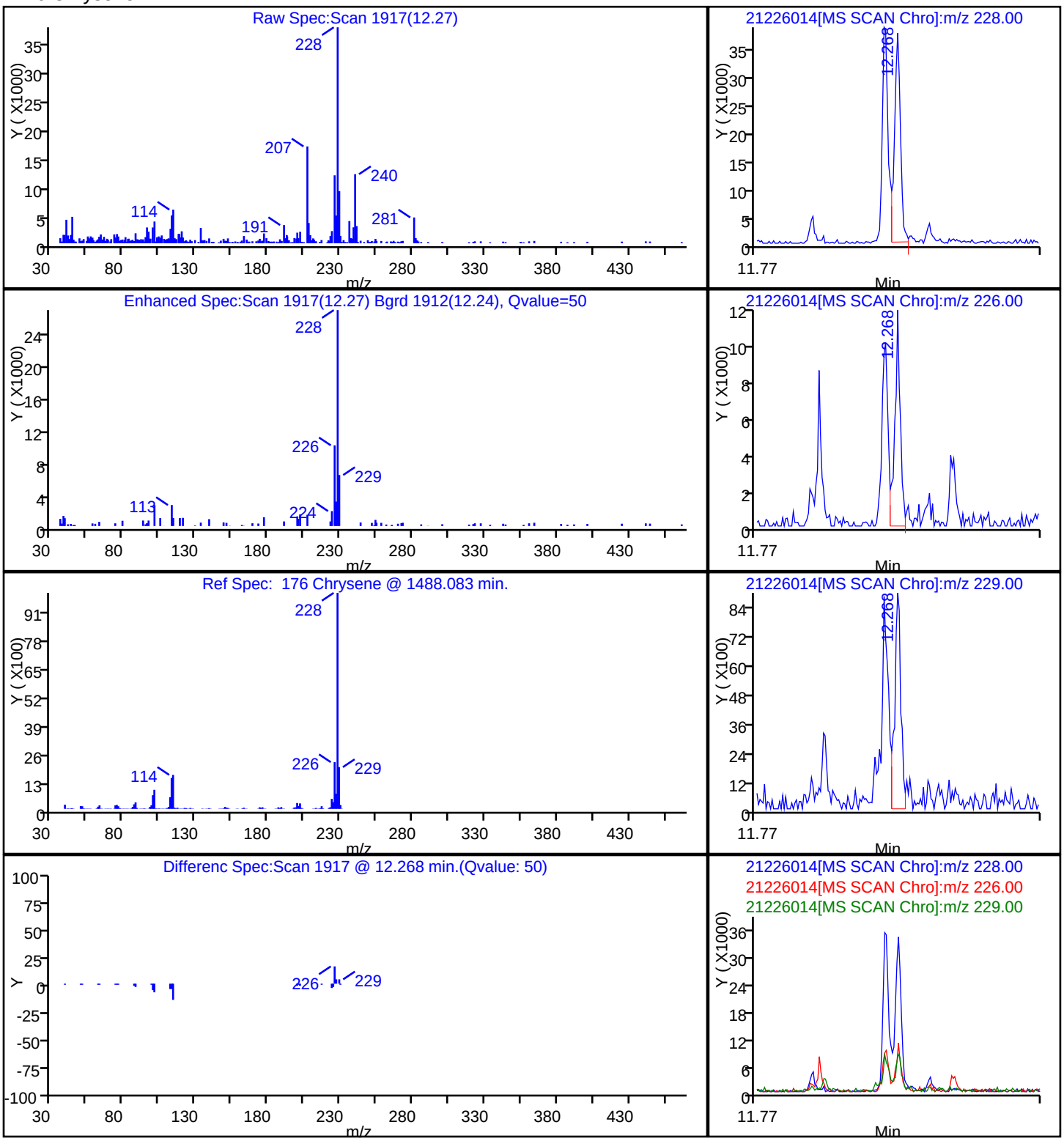


Report Date: 27-Dec-2012 09:55:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226014.D		
Injection Date:	26-Dec-2012 13:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



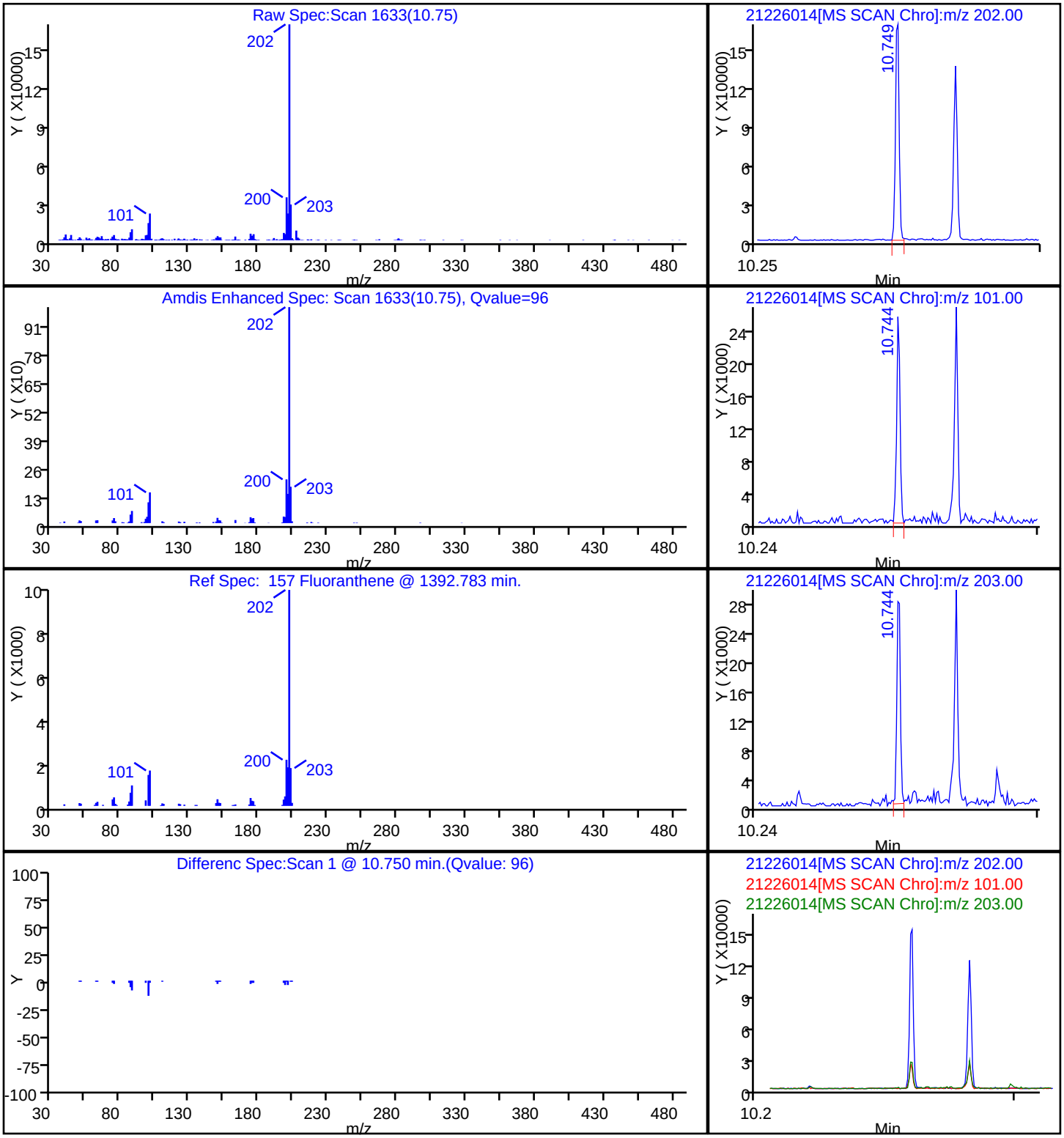
Report Date: 27-Dec-2012 09:55:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226014.D

Injection Date:	26-Dec-2012 13:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene

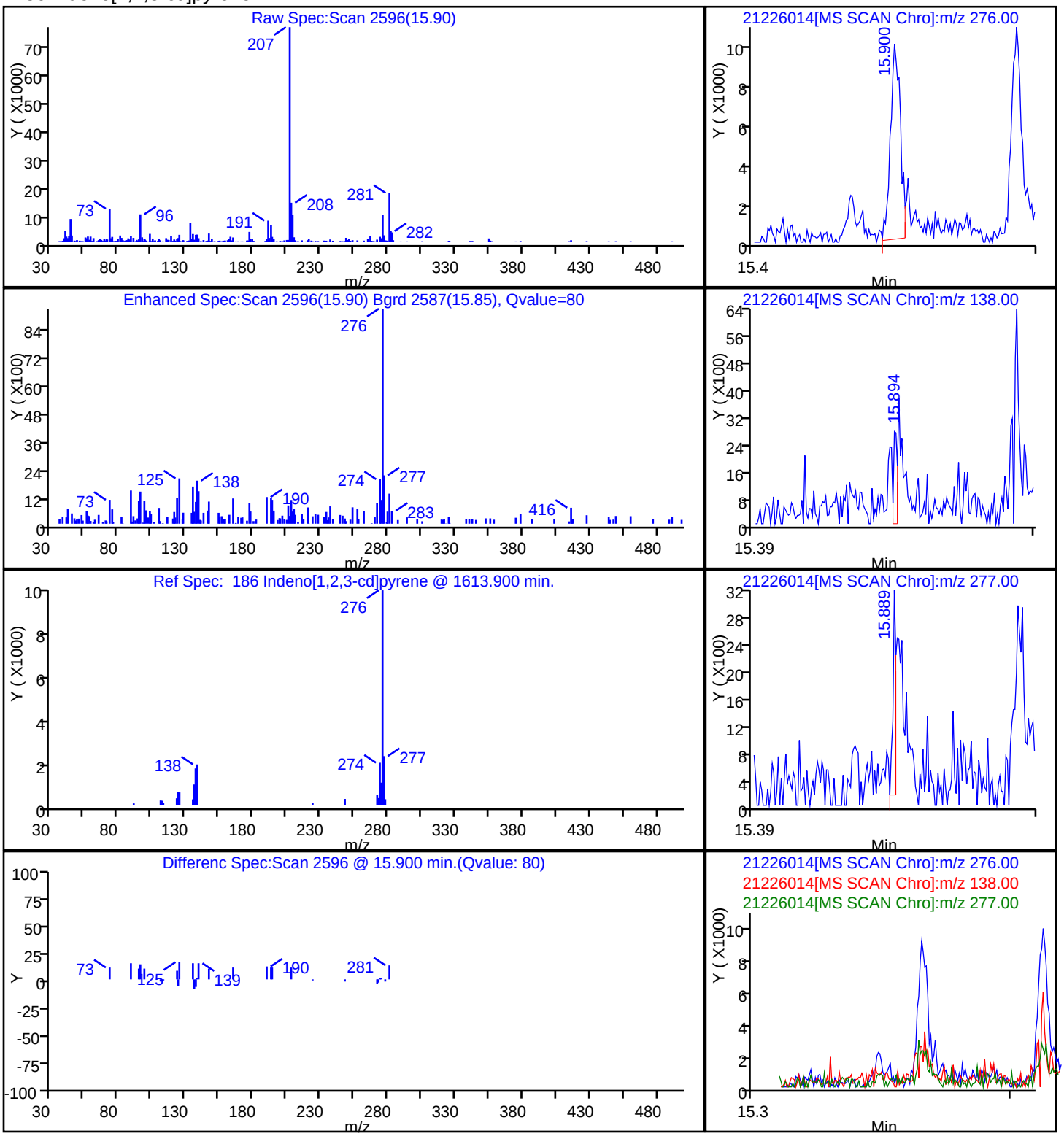


Report Date: 27-Dec-2012 09:55:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226014.D		
Injection Date:	26-Dec-2012 13:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



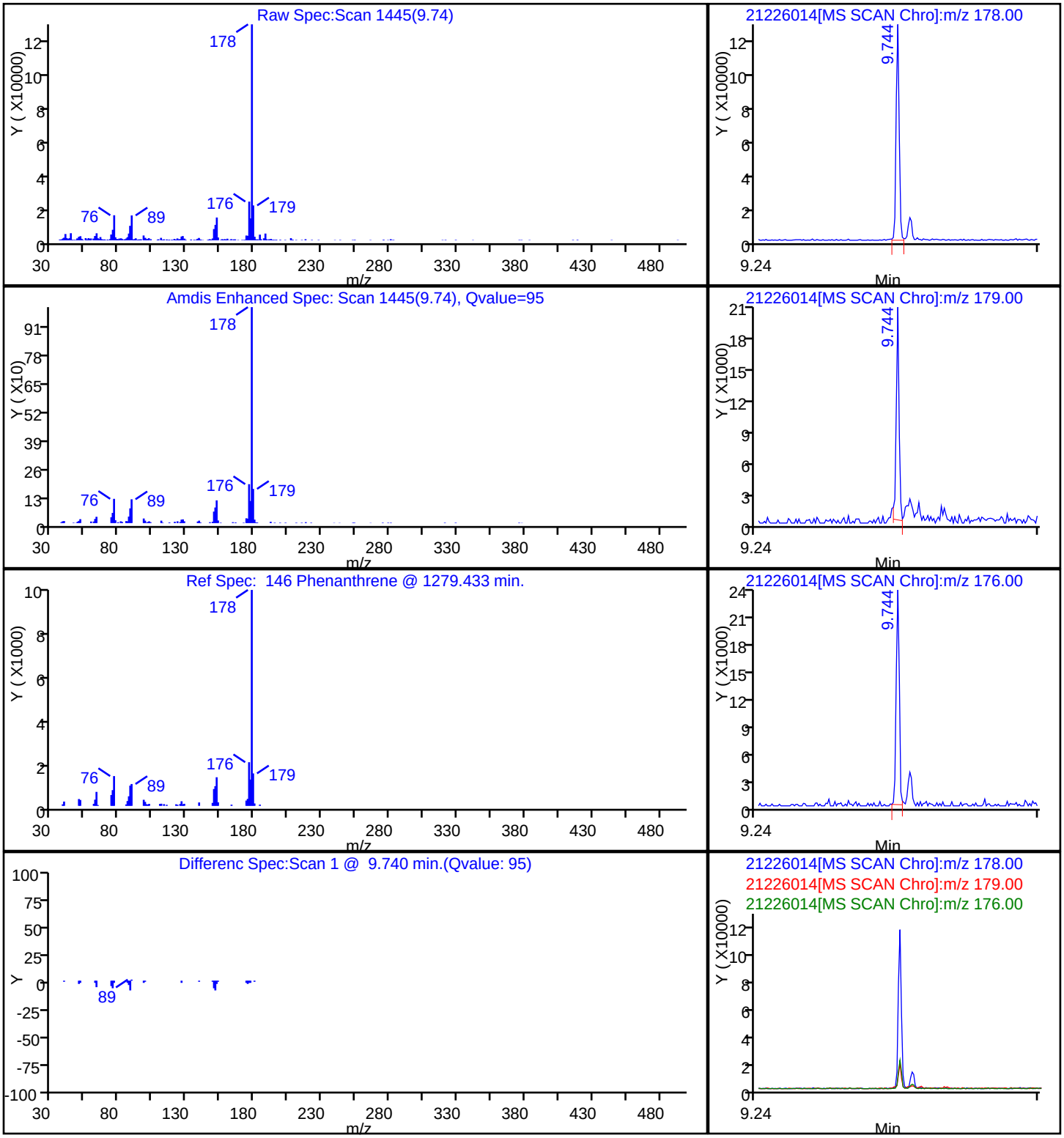
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226014.D

Injection Date:	26-Dec-2012 13:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



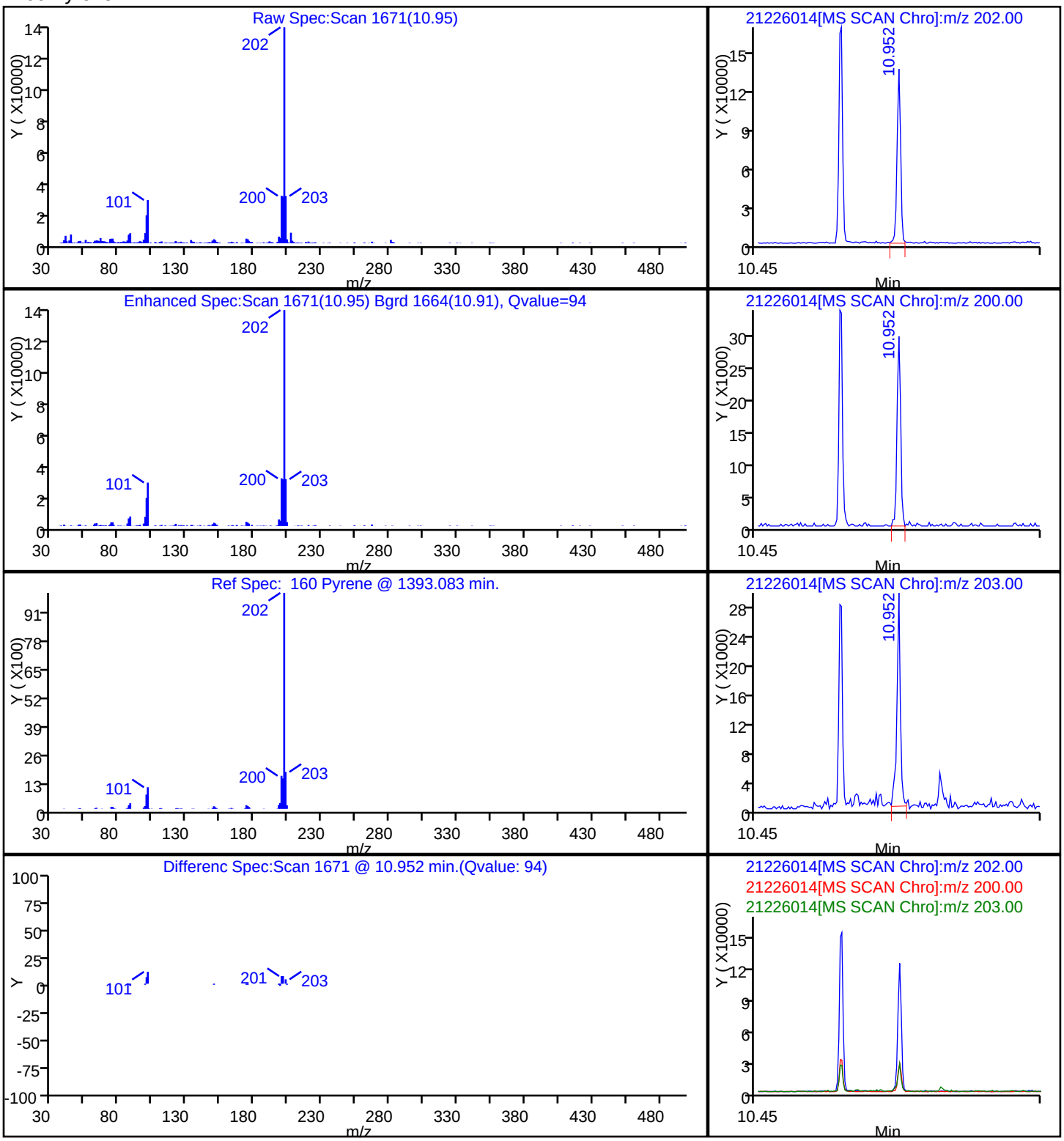
Report Date: 27-Dec-2012 09:55:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226014.D

Injection Date:	26-Dec-2012 13:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

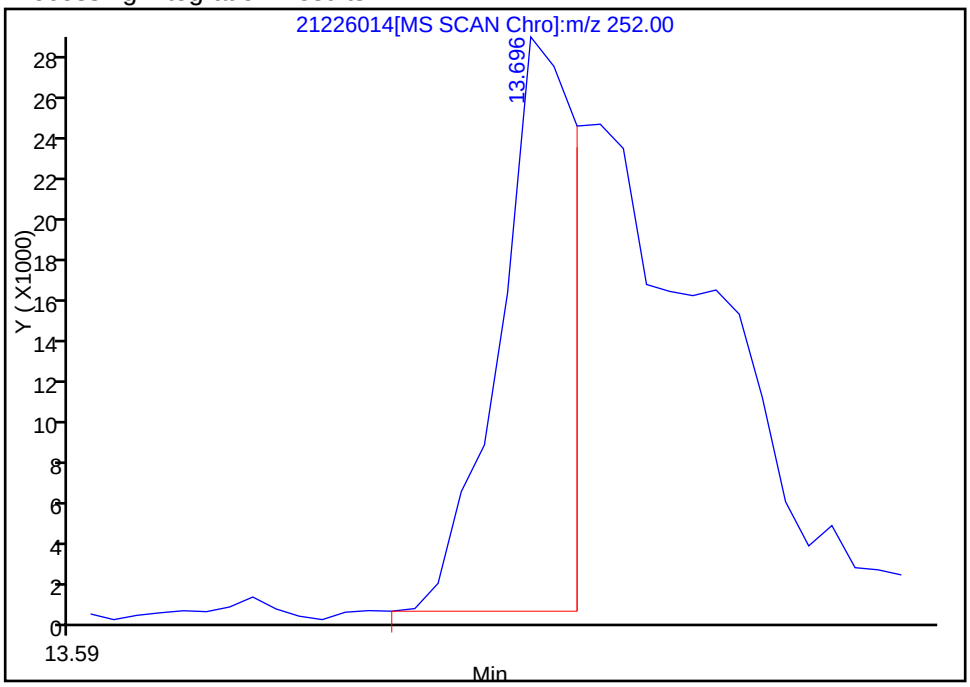
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226014.D		
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Client ID:	076SB-0113M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.70

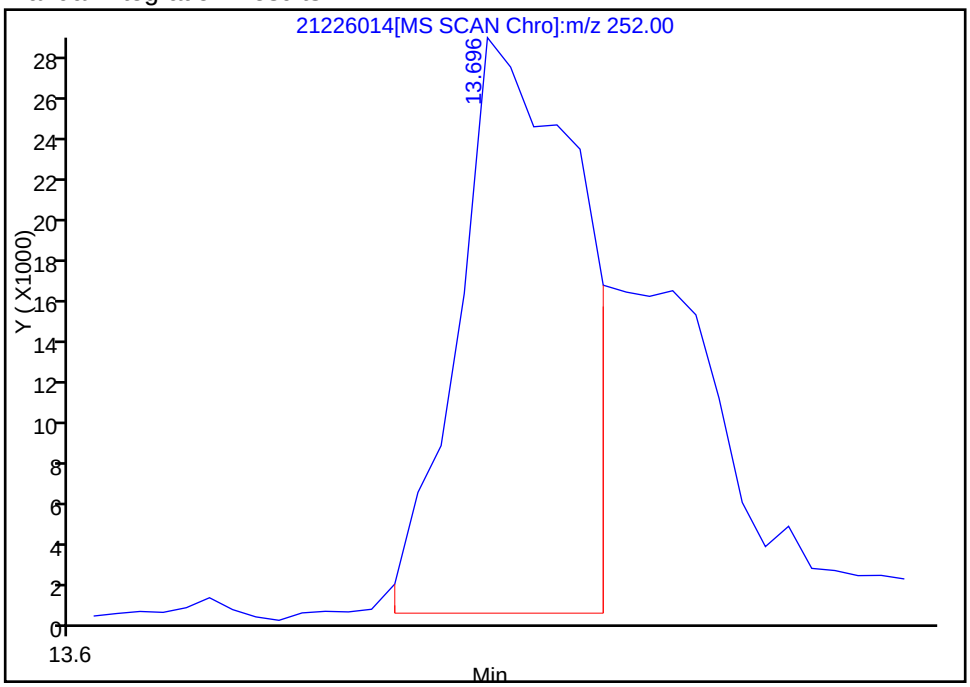
Processing Integration Results

RT: 13.70
Response: 34588
Amount: 0.130557



Manual Integration Results

RT: 13.70
Response: 54438
Amount: 0.205483



Reviewer: gruberj, 26-Dec-2012 14:13:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

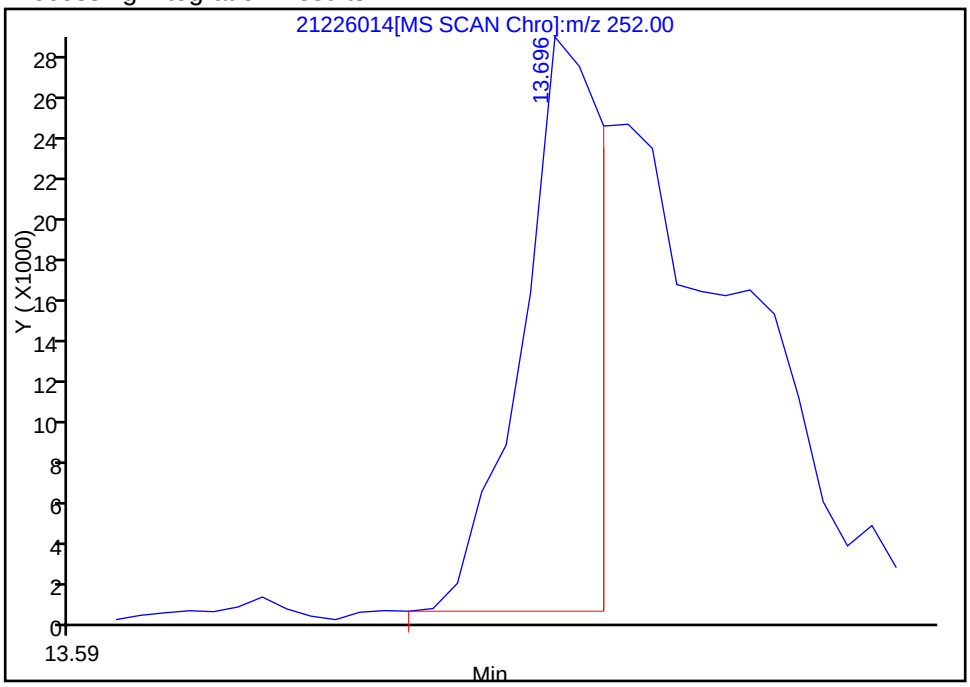
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226014.D		
Injection Date:	26-Dec-2012 13:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0113M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.74

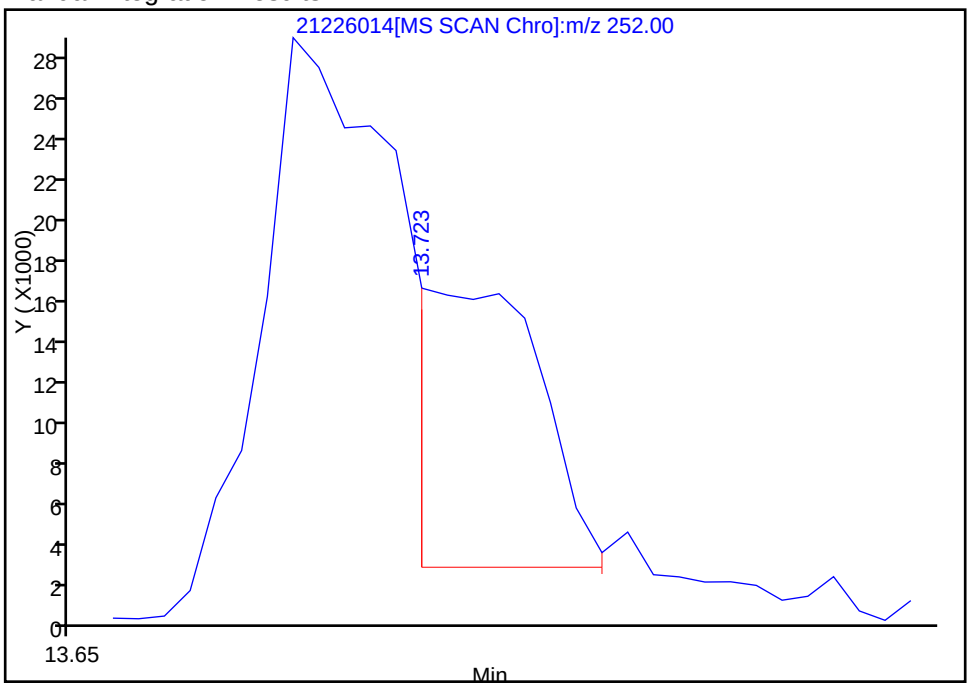
Processing Integration Results

RT: 13.70
Response: 34588
Amount: 0.121713



Manual Integration Results

RT: 13.72
Response: 24120
Amount: 0.084877



Reviewer: gruberj, 26-Dec-2012 14:13:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0114M-0001-SO | Lab Sample ID: 240-18544-33

Matrix: Solid | Lab File ID: 21224019.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.78(g) | Date Analyzed: 12/24/2012 15:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	4.5	J	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	23		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	23		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	35		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	17		6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	660	340	340
207-08-9	Benzo[k]fluoranthene	8.6	M	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	26	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	28		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	4.2	J	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0114M-0001-SO | Lab Sample ID: 240-18544-33

Matrix: Solid | Lab File ID: 21224019.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.78(g) | Date Analyzed: 12/24/2012 15:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	53		6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	14		6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	8.3		6.7	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	400	81	20
91-20-3	Naphthalene	8.3		6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	34		6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	44		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0114M-0001-SO | Lab Sample ID: 240-18544-33

Matrix: Solid | Lab File ID: 21224019.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 29.78(g) | Date Analyzed: 12/24/2012 15:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	47		45-105
367-12-4	2-Fluorophenol (Surr)	60		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	48		35-100
4165-62-2	Phenol-d5 (Surr)	62		40-100
1718-51-0	Terphenyl-d14 (Surr)	54		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	58		35-125

Report Date: 26-Dec-2012 13:04:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D
Lims ID: 240-18544-E-33-D Client ID: 076SB-0114M-0001-SO
Inject. Date: 24-Dec-2012 15:51:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-019
Misc. Info.: 240-18544-E-33-D
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 69977 Lims Sample ID: 19
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj Date: 26-Dec-2012 12:59:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.889	5.873	0.016	97	229388	4.00	
* 2 Naphthalene-d8	136	6.996	6.991	0.005	99	904698	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	88	547851	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	851359	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	96	879422	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	96	764431	4.00	
$ 7 2-Fluorophenol	112	4.814	4.616	0.198	92	635312	9.03	
$ 8 Phenol-d5	99	5.552	5.515	0.037	90	867839	9.26	
$ 9 Nitrobenzene-d5	82	6.376	6.360	0.016	92	474668	4.76	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	928592	4.73	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	89	160810	8.73	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	98	976436	5.43	
41 Phenol	94		5.531					
44 Bis(2-chloroethyl)ether	93		5.627					9
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					9
48 1,4-Dichlorobenzene	146		5.889					9
49 Benzyl alcohol	108		5.985					9
50 1,2-Dichlorobenzene	146		6.028					
51 2-Methylphenol	108		6.076					9
52 2,2'-oxybis[1-chloropropane]	45		6.108					
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					9
60 Hexachloroethane	117		6.328					
61 Nitrobenzene	77		6.376					9
63 Isophorone	82		6.579					
65 2-Nitrophenol	139		6.654					9
64 2,4-Dimethylphenol	107		6.670					9
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128	7.012	7.007	0.005	76	27476	0.1243	
74 4-Chloroaniline	127		7.039					
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					9
85 2-Methylnaphthalene	142	7.595	7.595	0.0	75	18034	0.1243	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					
98 2-Chloronaphthalene	162		8.013					
100 2-Nitroaniline	65		8.082					9
103 Dimethyl phthalate	163		8.221					9
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					
108 3-Nitroaniline	138		8.424					
110 Acenaphthene	153		8.510					9
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					
114 Dibenzofuran	168	8.649	8.654	-0.005	76	12895	0.0623	
119 Diethyl phthalate	149		8.809					
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					9
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					
146 Phenanthrene	178	9.756	9.756	0.0	78	114608	0.5014	
147 Anthracene	178	9.799	9.799	0.0	76	15437	0.0677	
149 Carbazole	167	9.922	9.922	0.0	82	11680	0.0534	
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202	10.756	10.762	-0.006	96	196857	0.7848	
160 Pyrene	202	10.965	10.965	0.0	97	166632	0.6549	
166 Butyl benzyl phthalate	149		11.548					9
173 3,3'-Dichlorobenzidine	252		12.184					
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	92	38095	0.3919	
175 Benzo[a]anthracene	228	12.238	12.238	0.0	76	77858	0.3425	
176 Chrysene	228	12.281	12.286	-0.005	83	89684	0.4164	
178 Di-n-octyl phthalate	149		13.099					9
180 Benzo[b]fluoranthene	252	13.720	13.720	0.0	93	117902	0.5165	
181 Benzo[k]fluoranthene	252	13.752	13.757	-0.005	98	31396	0.1282	M
182 Benzo[a]pyrene	252	14.206	14.212	-0.006	66	72870	0.3396	
186 Indeno[1,2,3-cd]pyrene	276	15.918	15.923	-0.005	87	46744	0.2053	
187 Dibenz(a,h)anthracene	278		15.950					
188 Benzo[g,h,i]perylene	276	16.351	16.356	-0.005	83	50933	0.2554	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

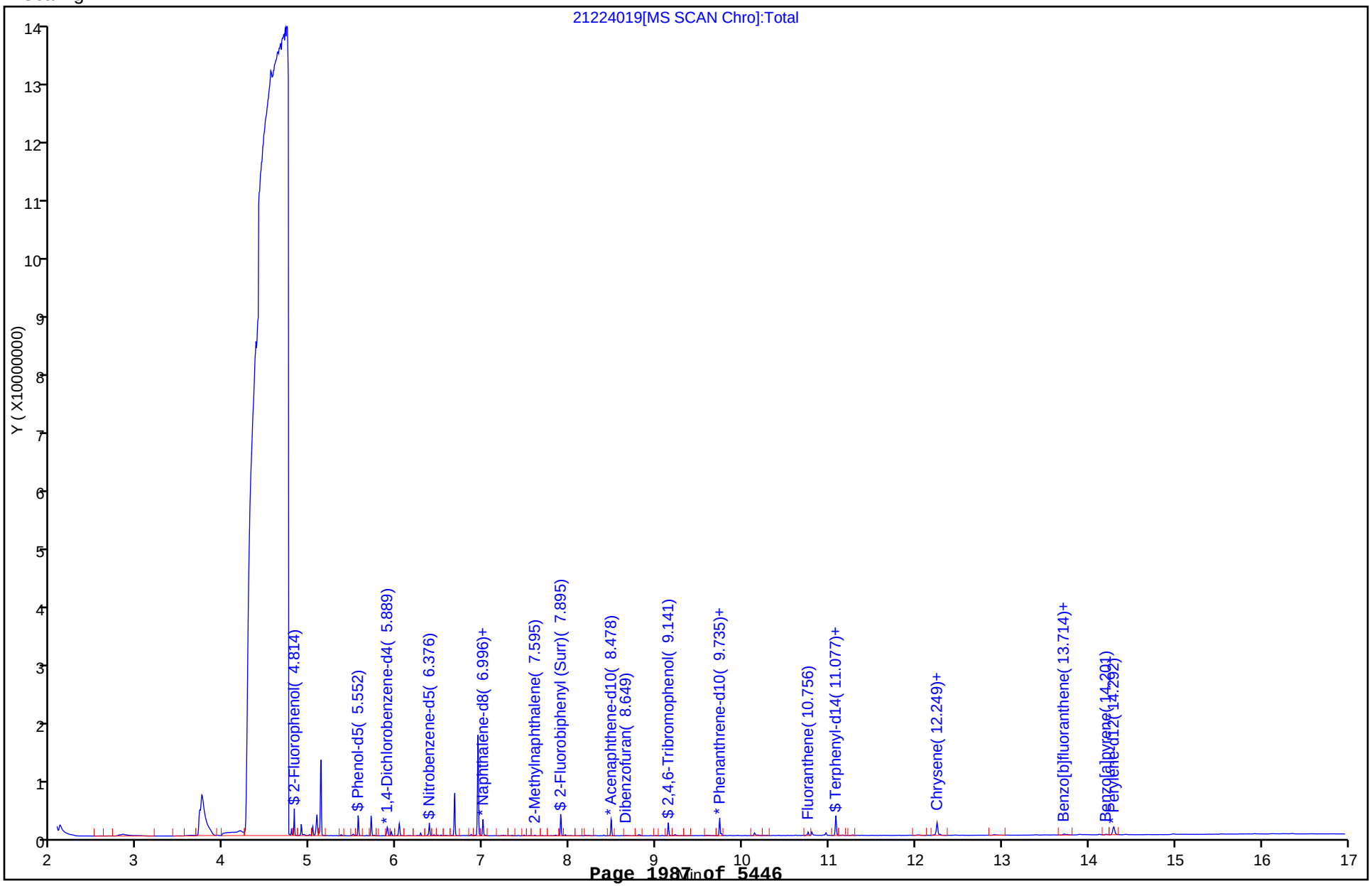
Review Flags
M - Manually Integrated

Report Date: 26-Dec-2012 13:04:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D		
Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

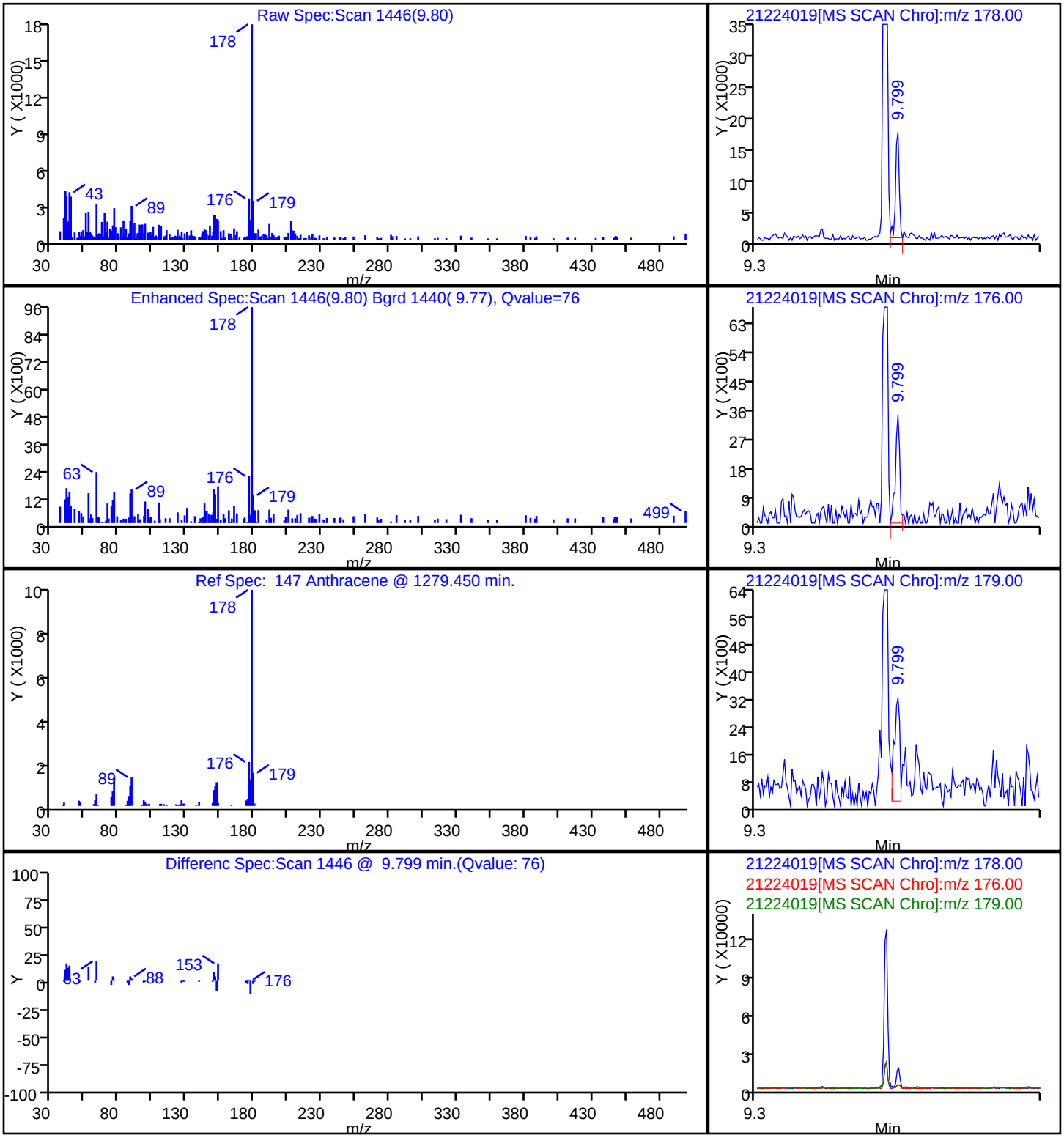


Report Date: 26-Dec-2012 13:04:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D		
Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene

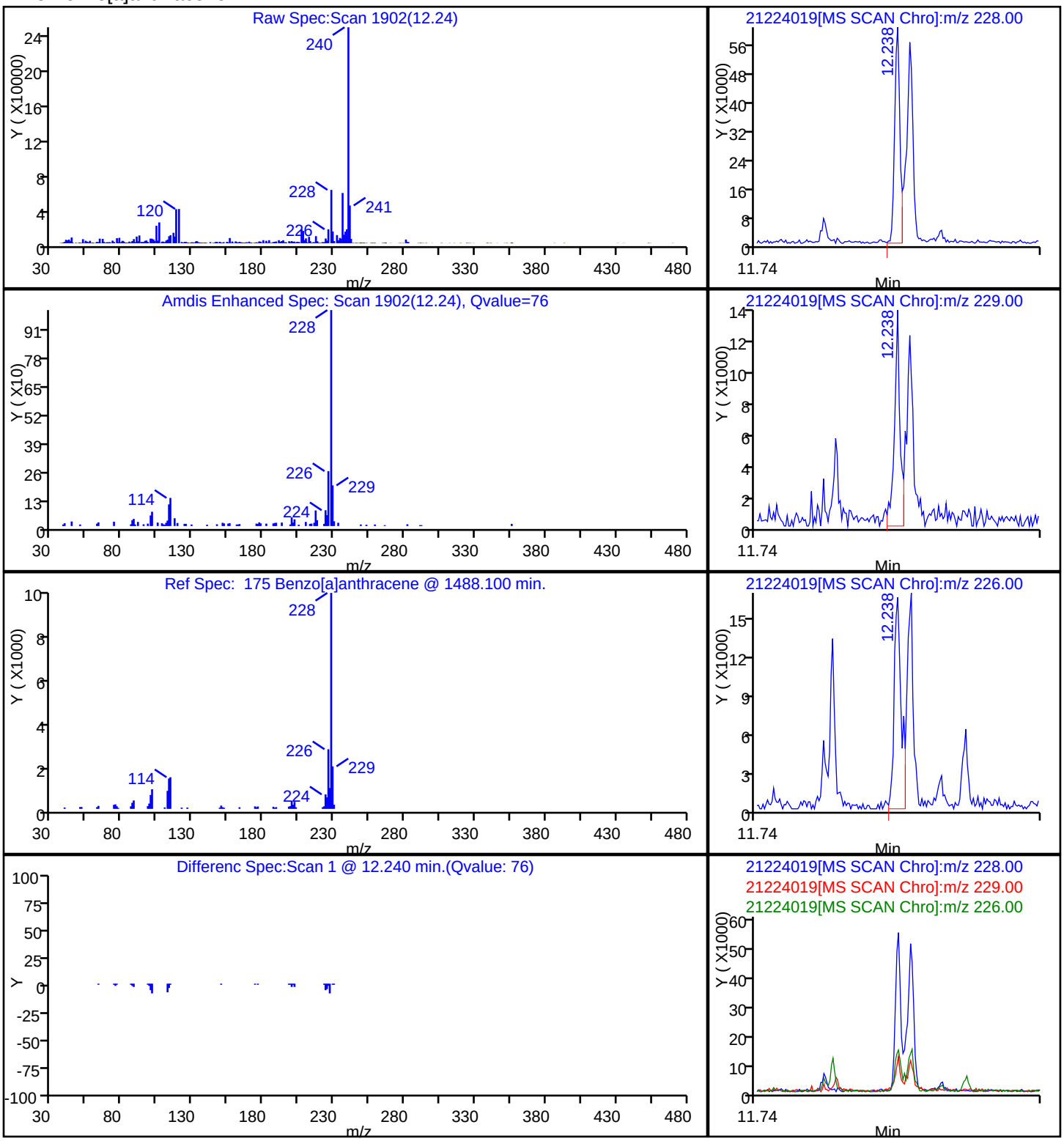


Report Date: 26-Dec-2012 13:04:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D		
Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

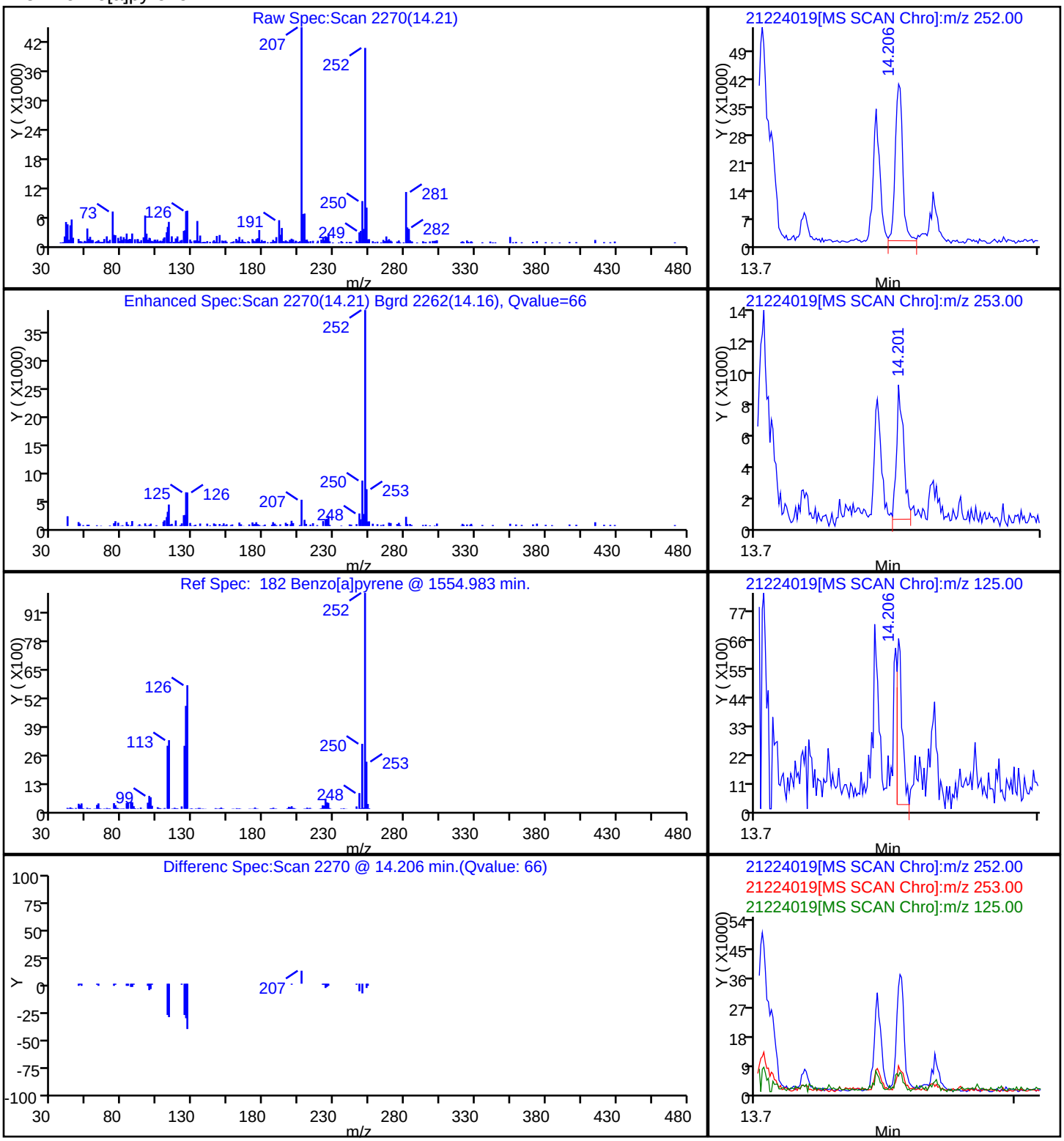


Report Date: 26-Dec-2012 13:04:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D		
Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



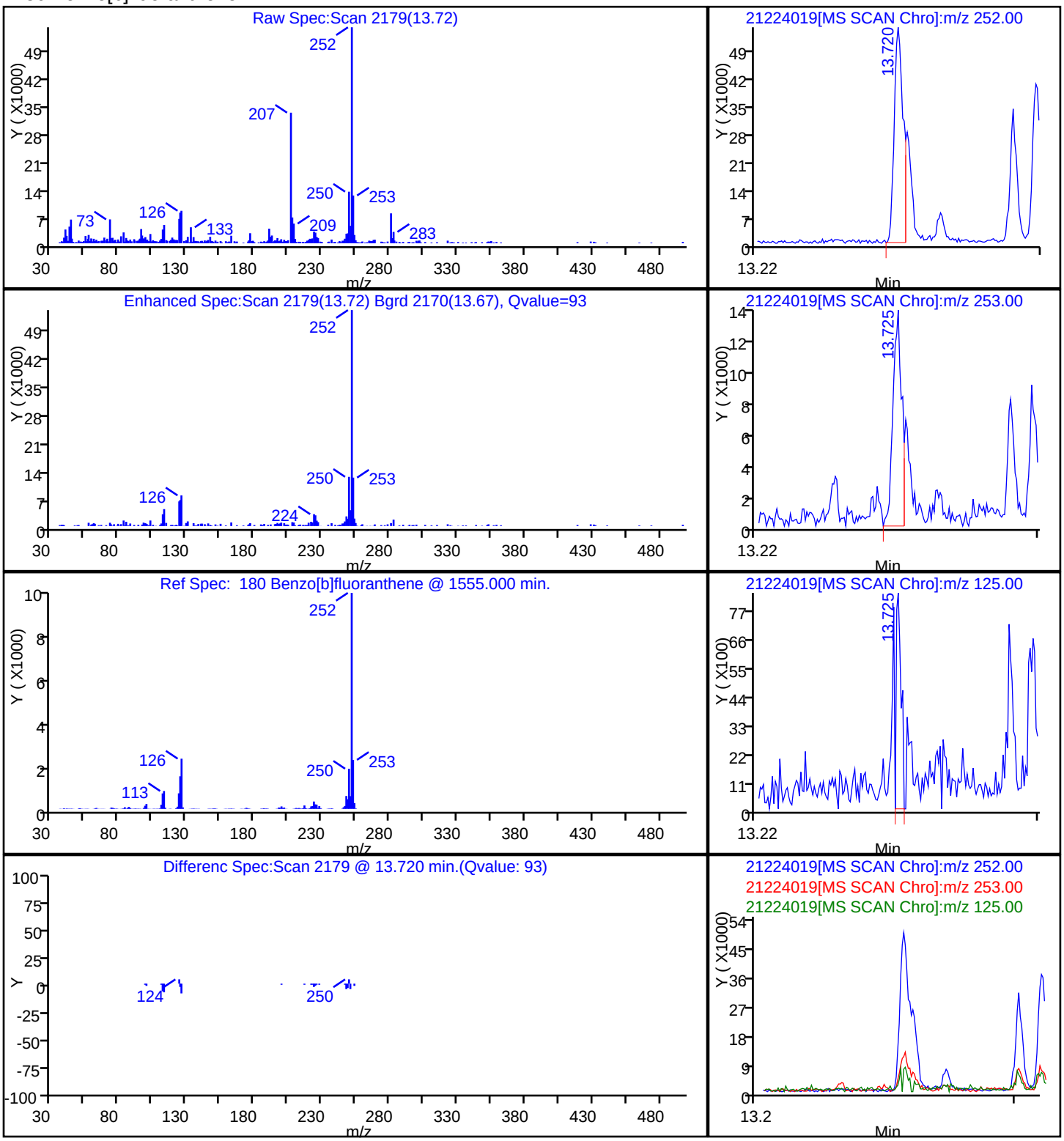
Report Date: 26-Dec-2012 13:04:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D

Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



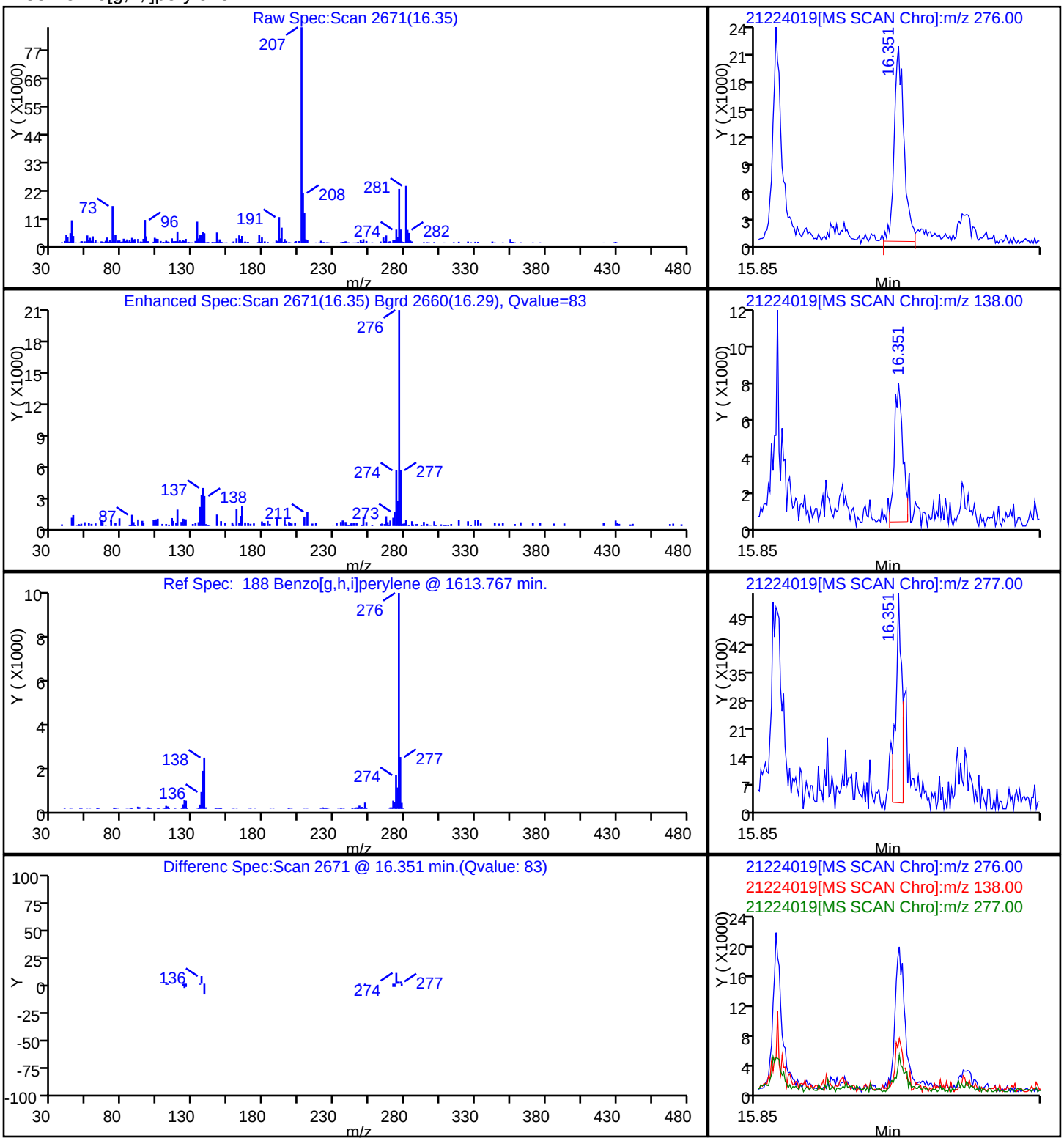
Report Date: 26-Dec-2012 13:04:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D

Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

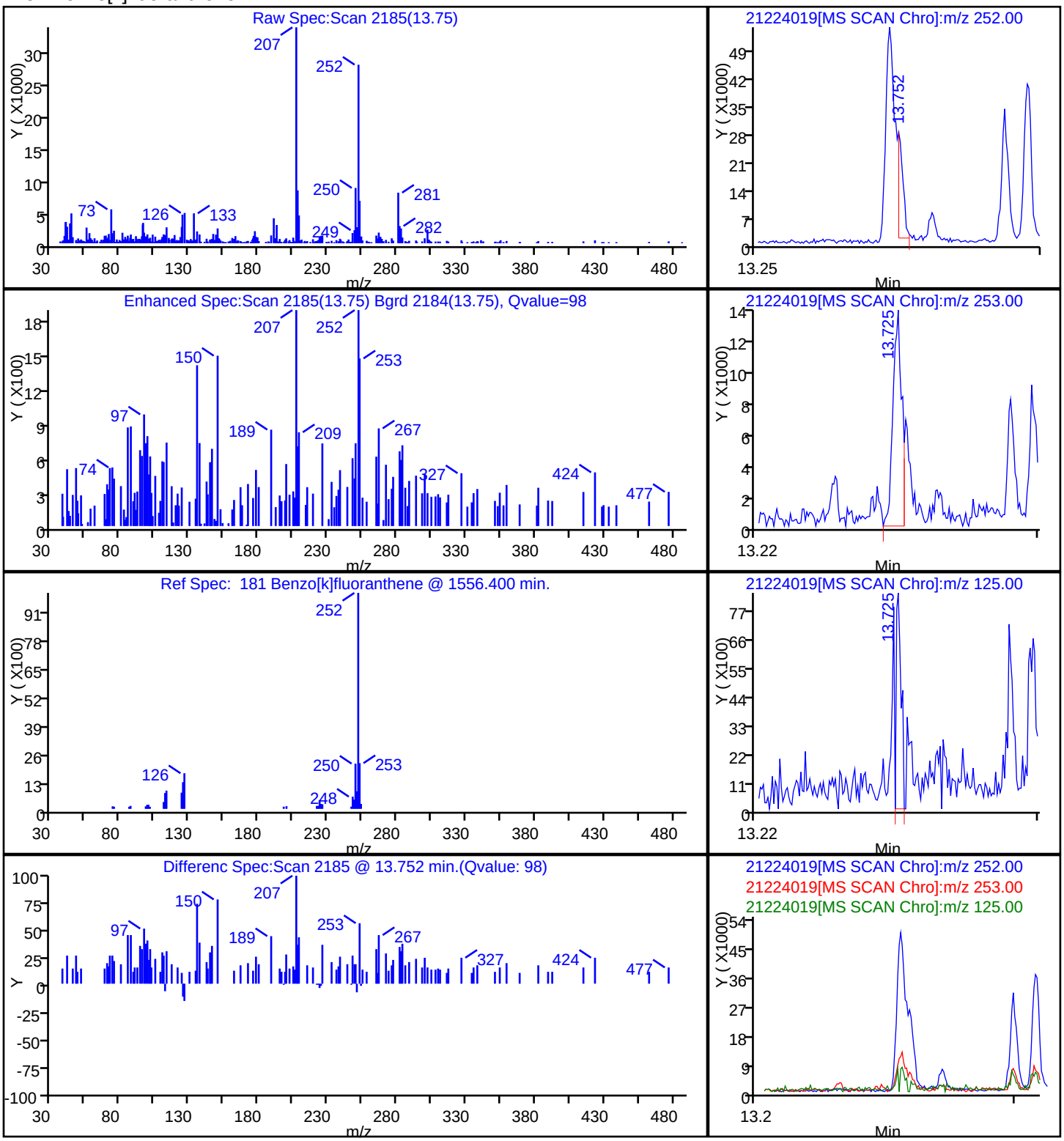


Report Date: 26-Dec-2012 13:04:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D		
Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

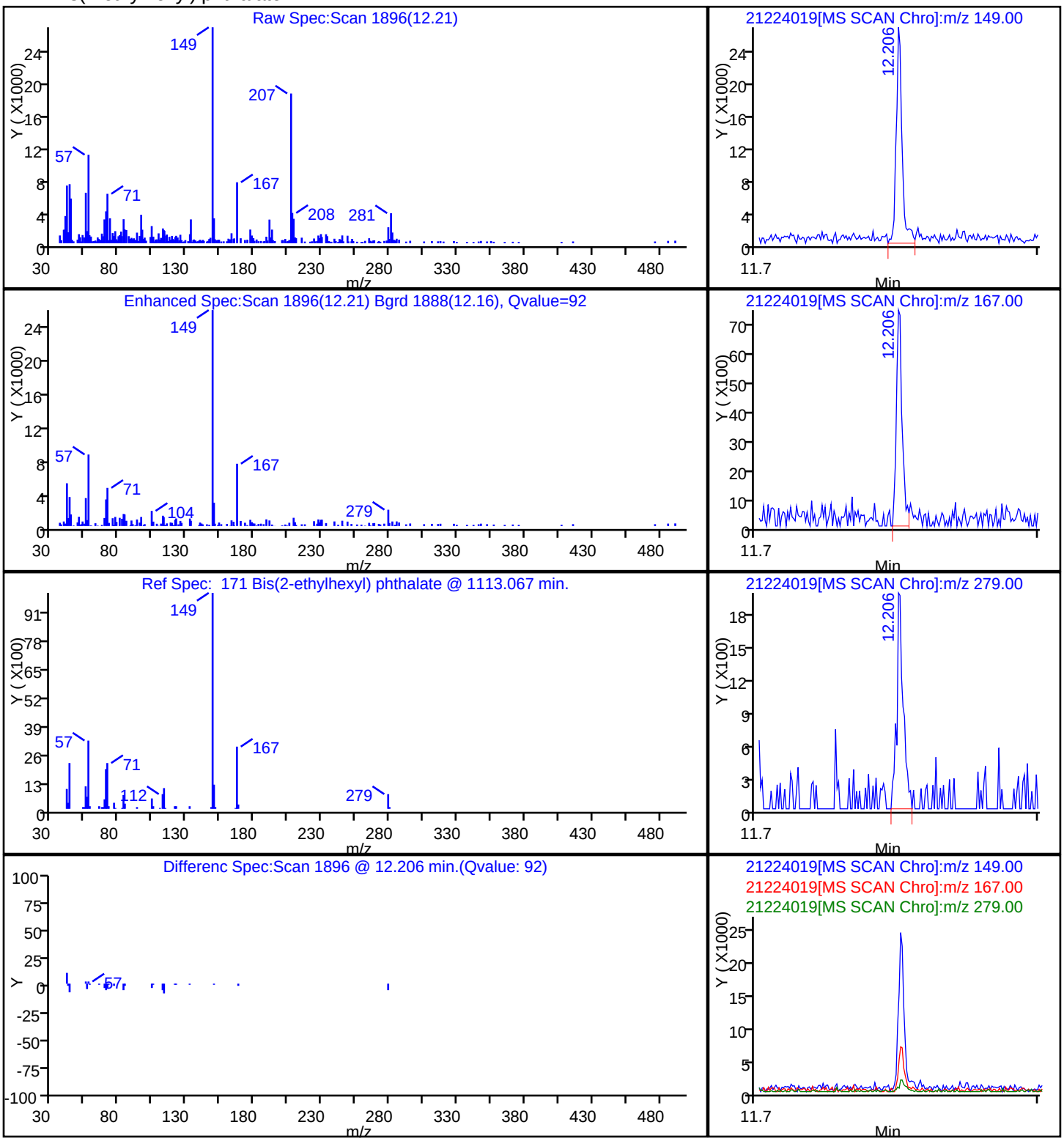


Report Date: 26-Dec-2012 13:04:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D		
Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



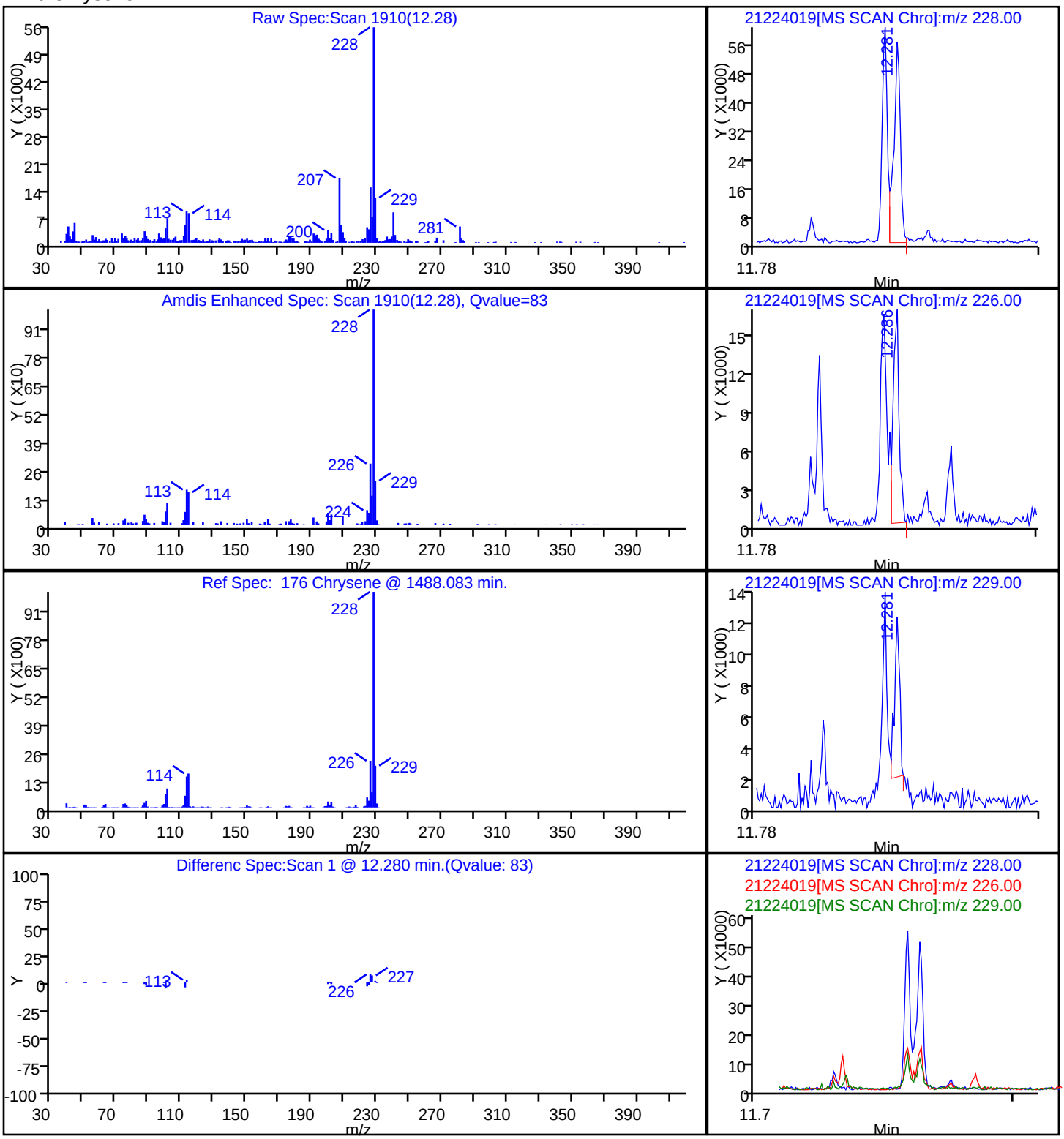
Report Date: 26-Dec-2012 13:04:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D

Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



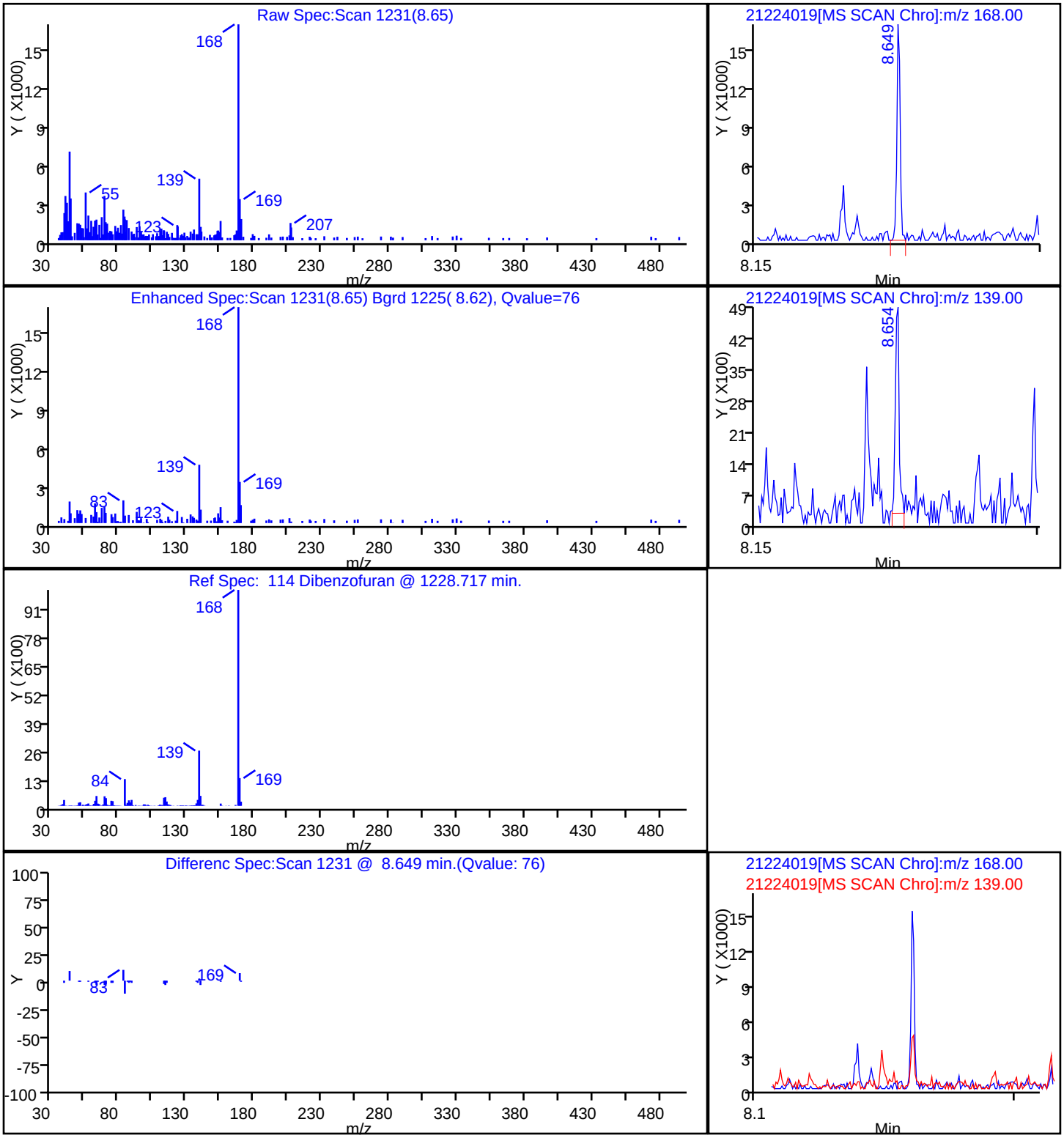
Report Date: 26-Dec-2012 13:04:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D

Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



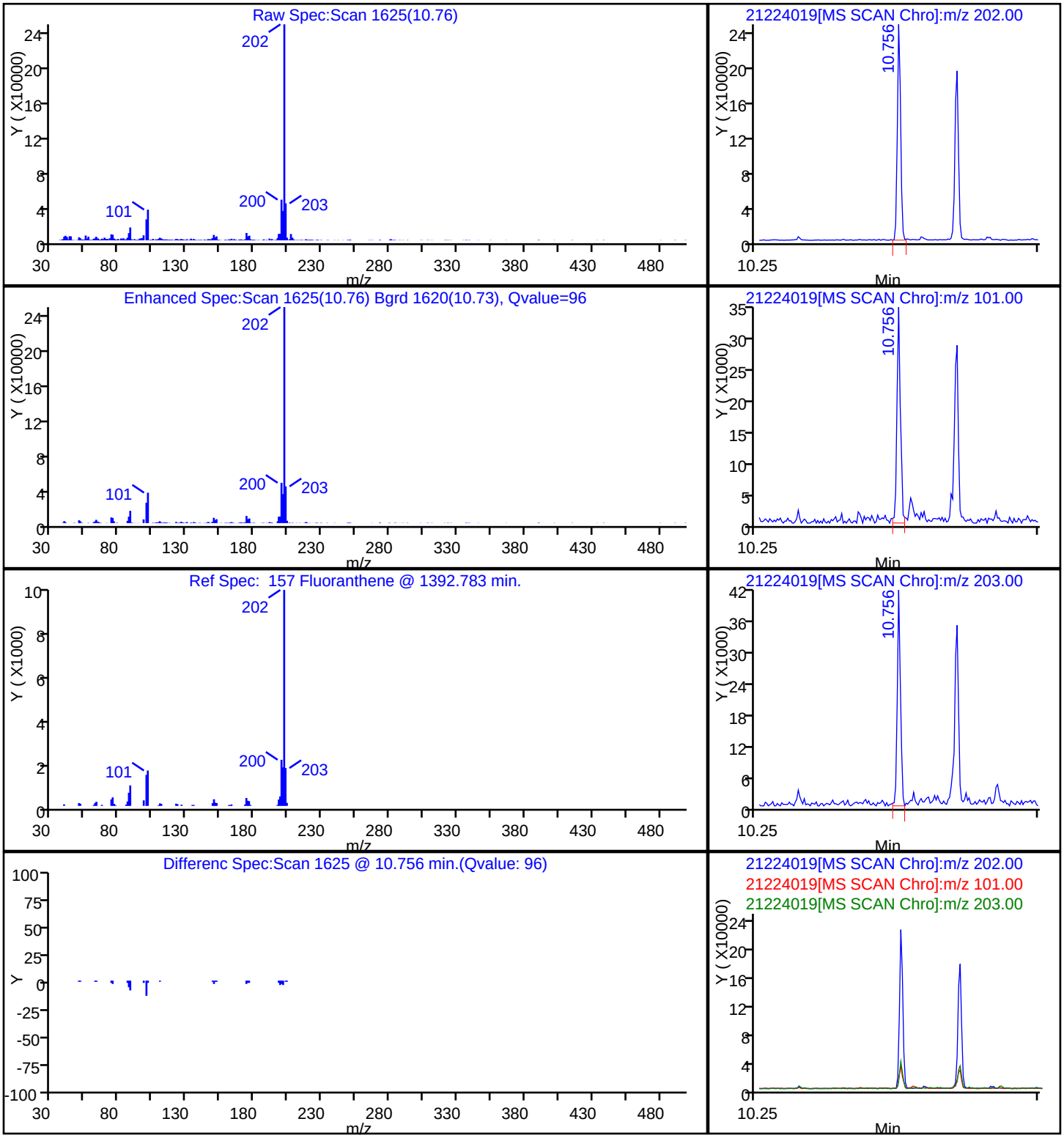
Report Date: 26-Dec-2012 13:04:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D

Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



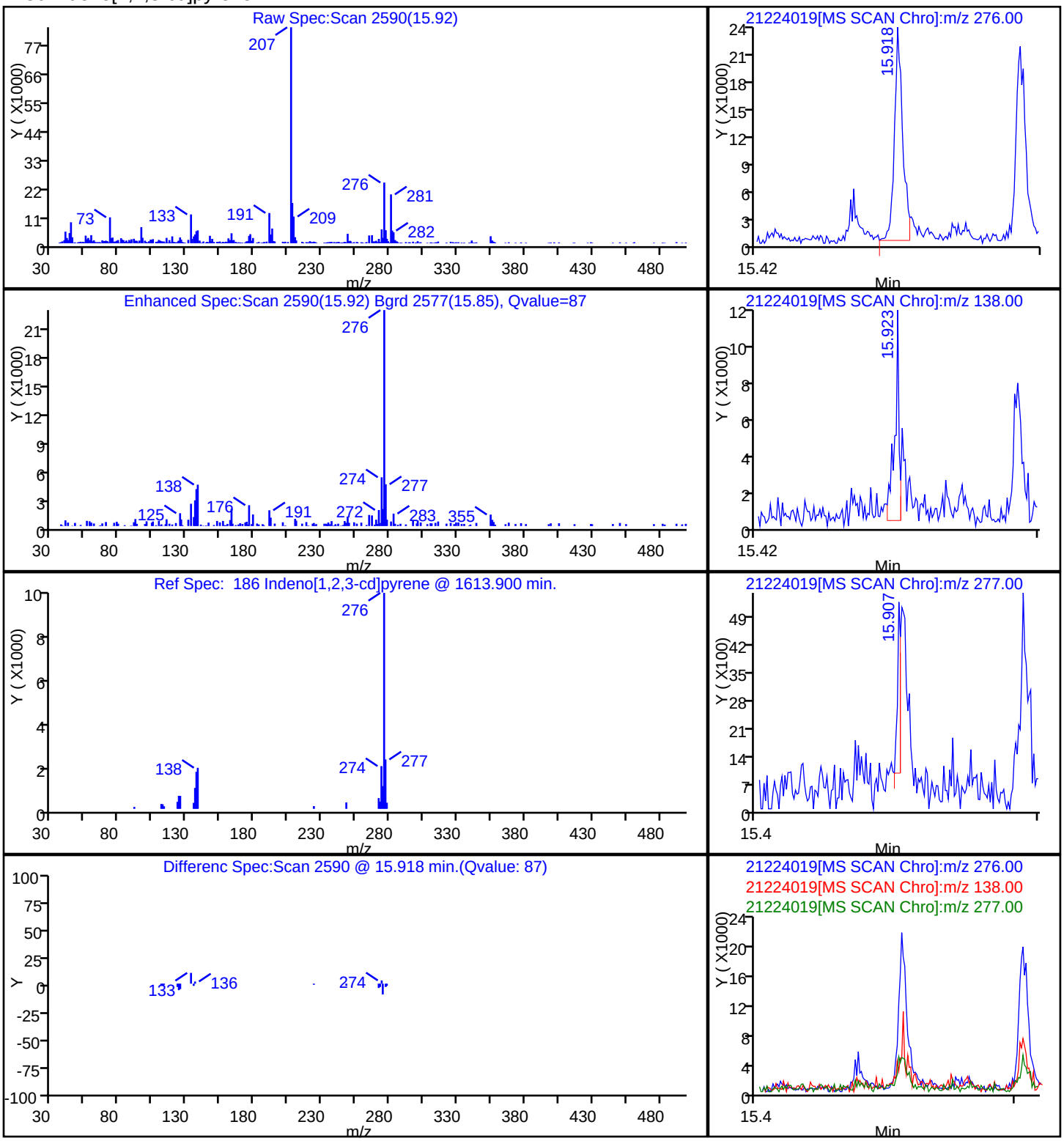
Report Date: 26-Dec-2012 13:04:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D

Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



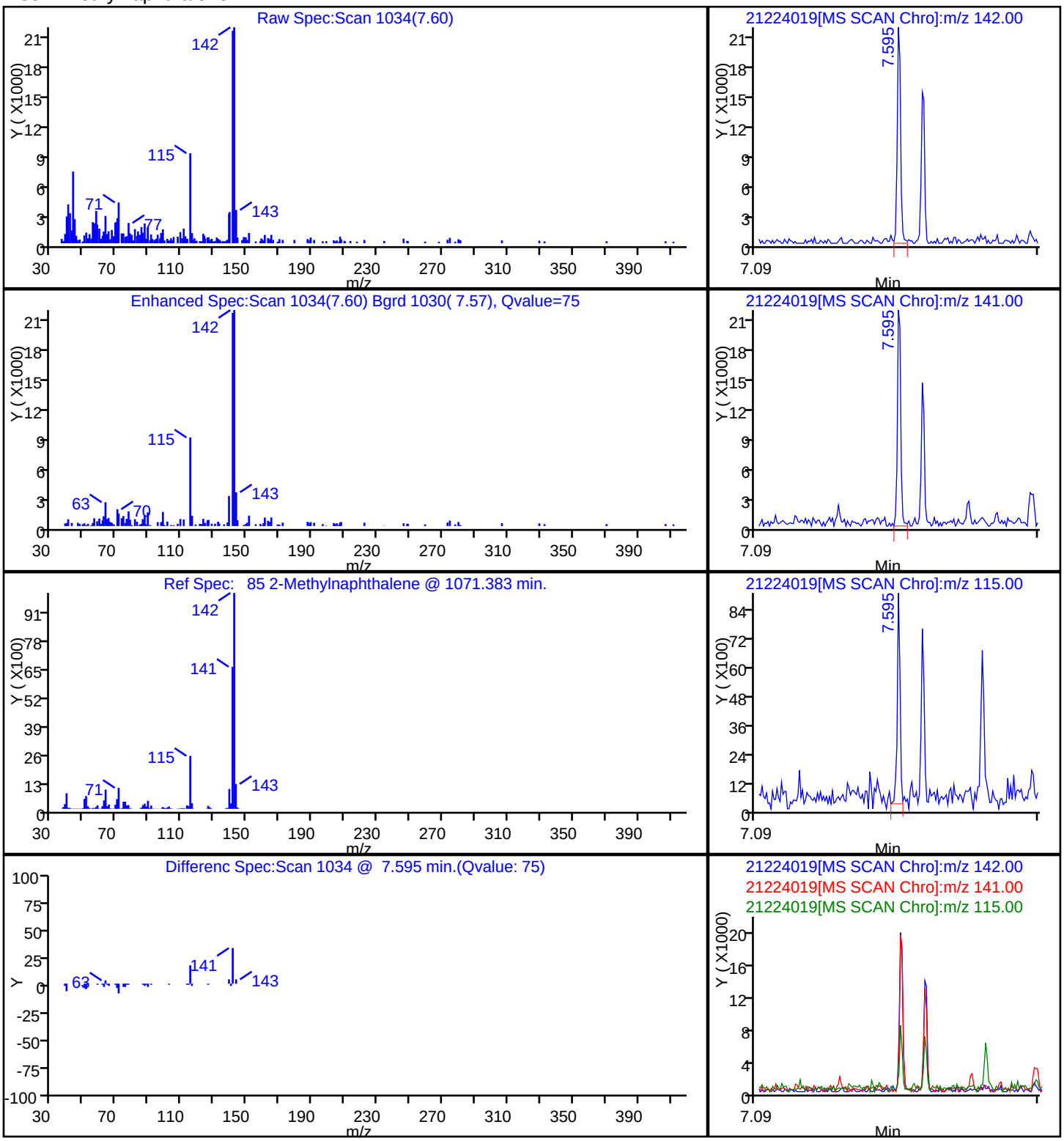
Report Date: 26-Dec-2012 13:04:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D

Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

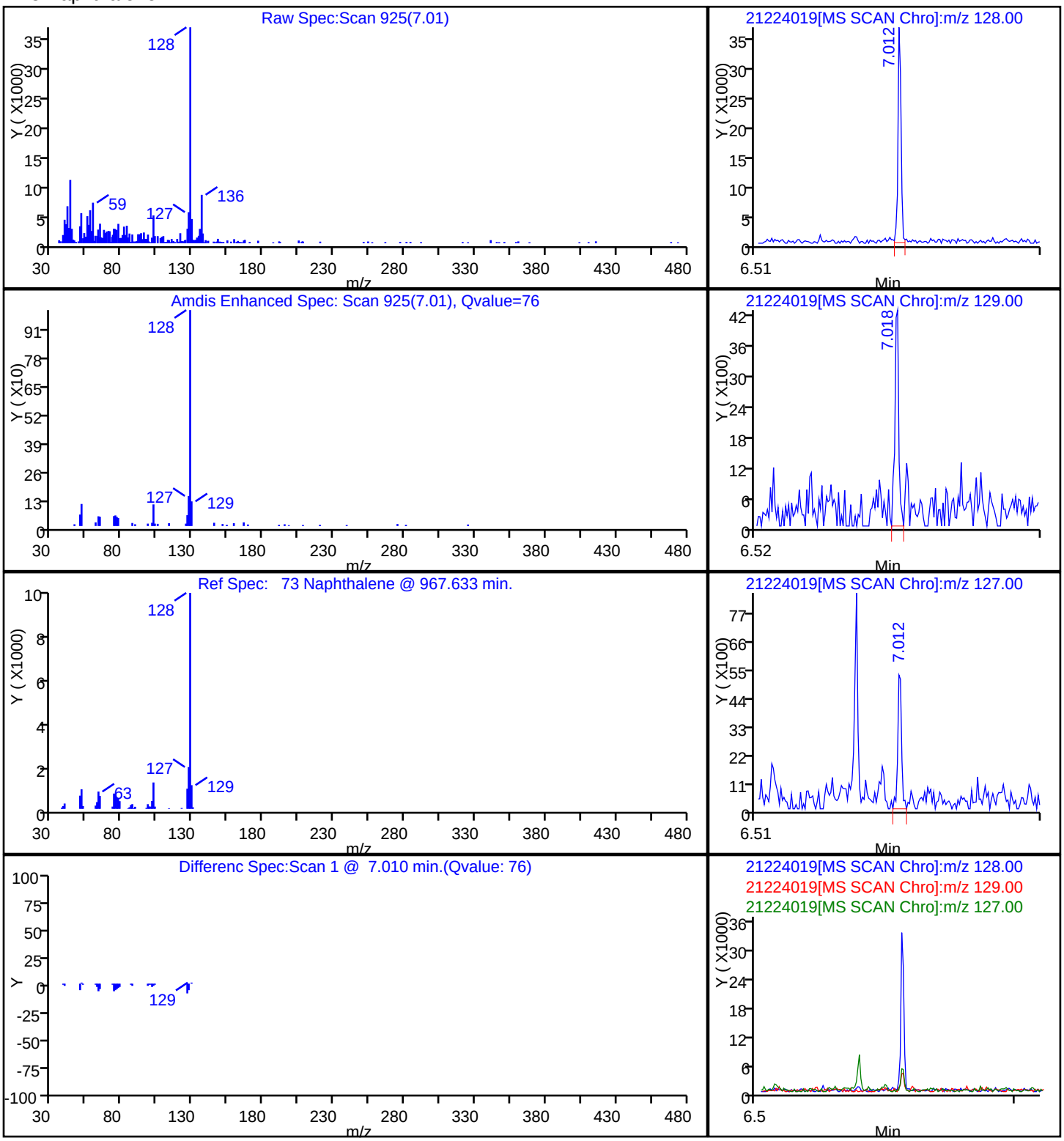


Report Date: 26-Dec-2012 13:04:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D		
Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene

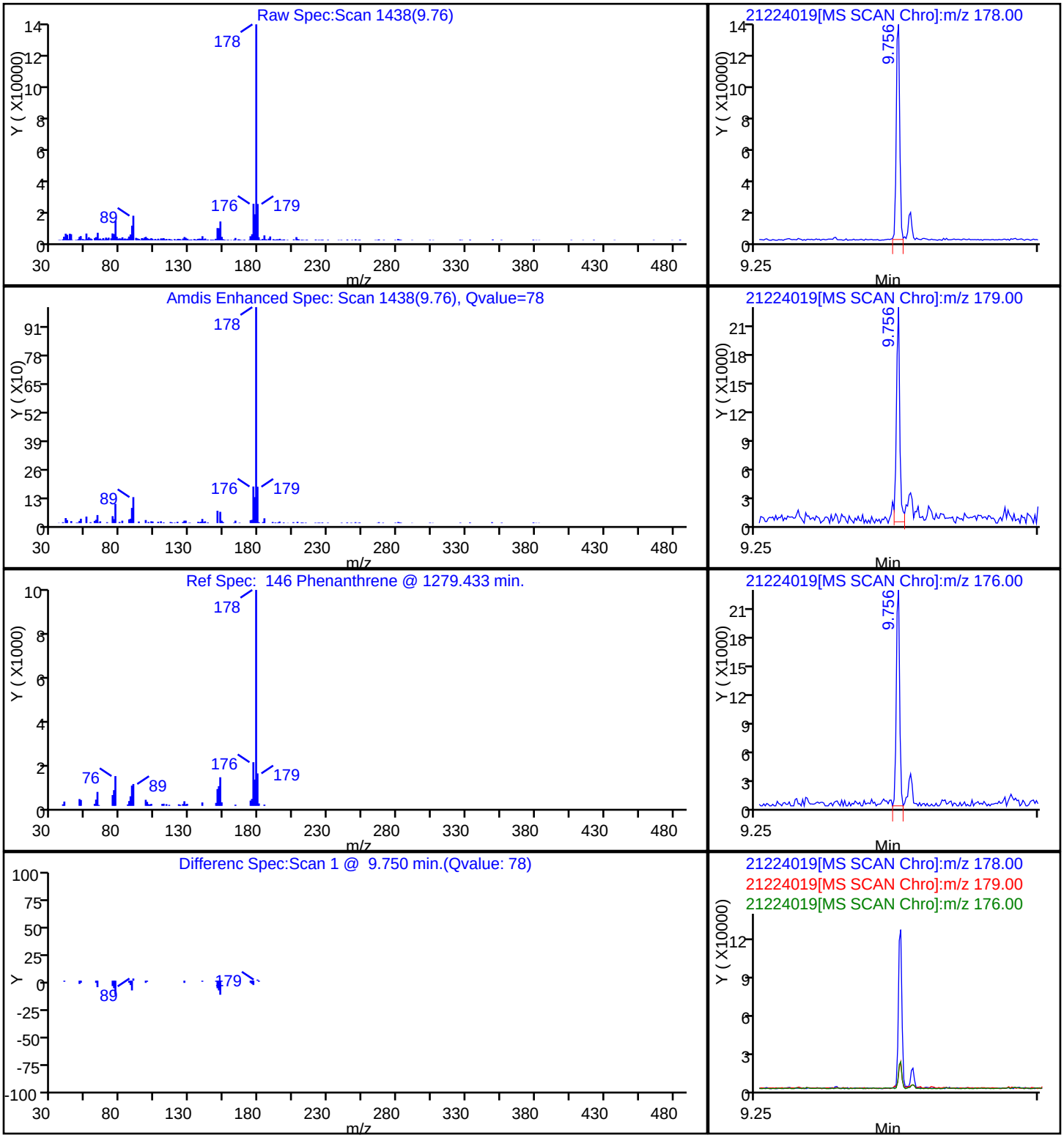


Report Date: 26-Dec-2012 13:04:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D		
Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



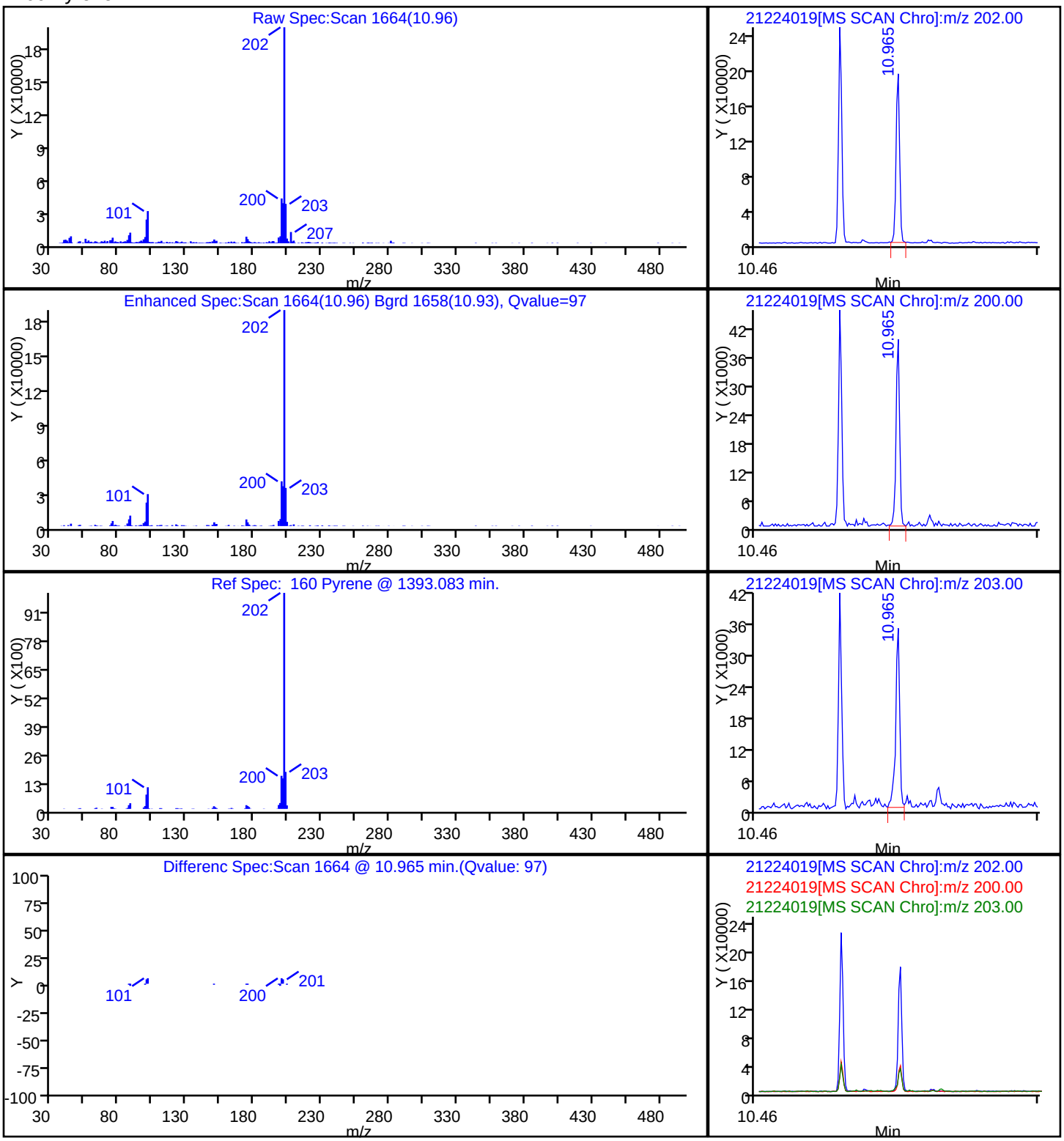
Report Date: 26-Dec-2012 13:04:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D

Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

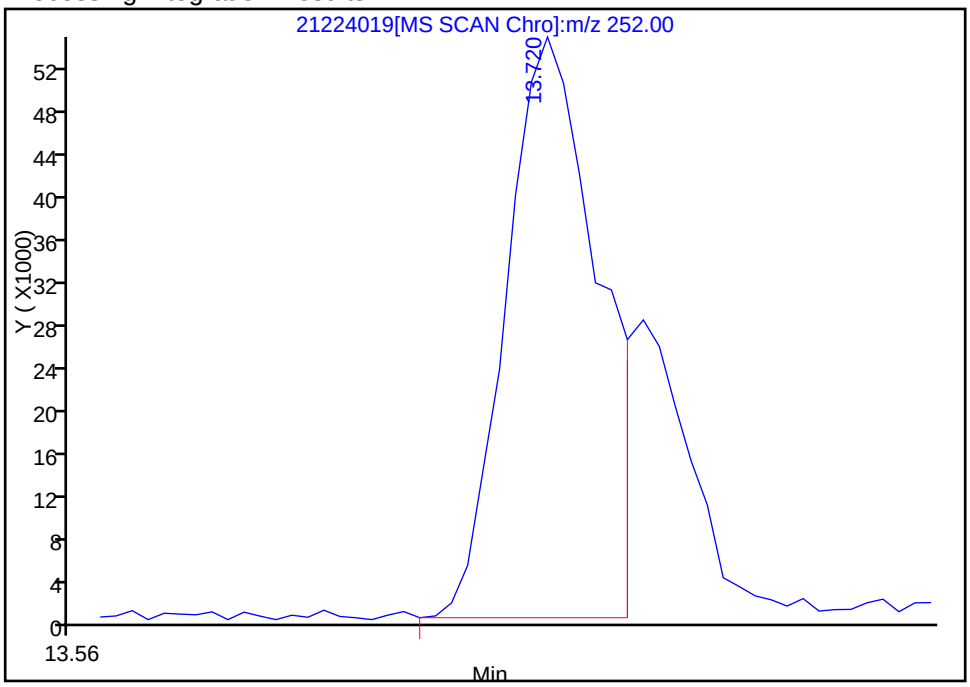
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224019.D		
Injection Date:	24-Dec-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.76

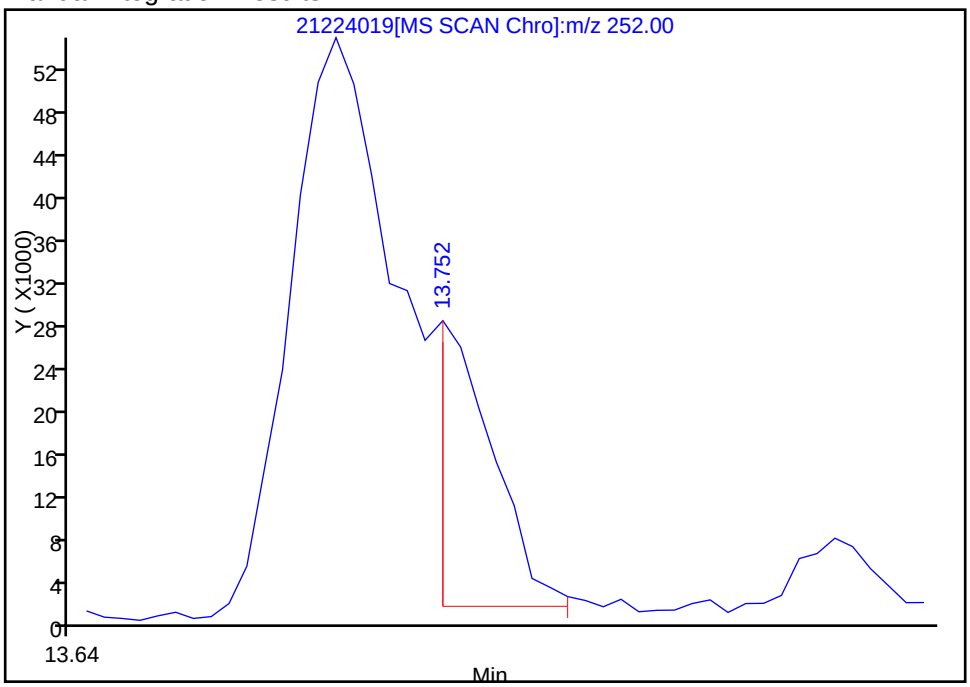
Processing Integration Results

RT: 13.72
Response: 117902
Amount: 0.481510



Manual Integration Results

RT: 13.75
Response: 31396
Amount: 0.128221



Reviewer: gruberj, 26-Dec-2012 12:59:15
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0115M-0001-SO | Lab Sample ID: 240-18544-34

Matrix: Solid | Lab File ID: 21224018.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.43(g) | Date Analyzed: 12/24/2012 15:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	9.1		6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	33		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	32		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	50		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	26		6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	19	M	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	99	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	25	J	49	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	49	27	13
85-68-7	Butyl benzyl phthalate	27	U	49	27	9.9
86-74-8	Carbazole	27	U	49	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	49	3.3	3.3
95-57-8	2-Chlorophenol	27	U	49	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	49	27	13
218-01-9	Chrysene	39		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	5.7	J	49	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	49	27	9.6
541-73-1	1,3-Dichlorobenzene	27	U	49	27	11
106-46-7	1,4-Dichlorobenzene	27	U	49	27	20
91-94-1	3,3'-Dichlorobenzidine	79	U	99	79	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	49	27	16
105-67-9	2,4-Dimethylphenol	79	U	150	79	20
131-11-3	Dimethyl phthalate	27	U	49	27	17
84-74-2	Di-n-butyl phthalate	27	U	49	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0115M-0001-SO | Lab Sample ID: 240-18544-34

Matrix: Solid | Lab File ID: 21224018.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.43(g) | Date Analyzed: 12/24/2012 15:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	79	U	150	79	79
51-28-5	2,4-Dinitrophenol	79	U	330	79	79
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	49	27	27
206-44-0	Fluoranthene	79		6.6	3.3	3.3
86-73-7	Fluorene	4.5	J	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	49	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	49	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	20		6.6	3.3	3.3
78-59-1	Isophorone	27	U	49	27	13
91-57-6	2-Methylnaphthalene	12		6.6	3.3	3.3
95-48-7	2-Methylphenol	79	U	200	79	79
15831-10-4	3 & 4 Methylphenol	79	U	390	79	20
91-20-3	Naphthalene	11		6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.0
99-09-2	3-Nitroaniline	79	U	200	79	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	99	3.3	2.2
88-75-5	2-Nitrophenol	27	U	49	27	27
100-02-7	4-Nitrophenol	79	U	330	79	79
621-64-7	N-Nitrosodi-n-propylamine	27	U	49	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	49	27	21
87-86-5	Pentachlorophenol	79	U	150	79	79
85-01-8	Phenanthrene	52		6.6	3.3	3.3
108-95-2	Phenol	27	U	49	27	27
129-00-0	Pyrene	67		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	49	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	79	U	150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0115M-0001-SO | Lab Sample ID: 240-18544-34

Matrix: Solid | Lab File ID: 21224018.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 17:35

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.43(g) | Date Analyzed: 12/24/2012 15:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	52		45-105
367-12-4	2-Fluorophenol (Surr)	66		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	51		35-100
4165-62-2	Phenol-d5 (Surr)	67		40-100
1718-51-0	Terphenyl-d14 (Surr)	61		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	69		35-125

Report Date: 26-Dec-2012 13:04:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D
Lims ID: 240-18544-E-34-D Client ID: 076SB-0115M-0001-SO
Inject. Date: 24-Dec-2012 15:28:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016144-018
Misc. Info.: 240-18544-E-34-D
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 69977 Lims Sample ID: 18
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj Date: 26-Dec-2012 12:58:25

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.889	5.873	0.016	96	222507	4.00	
* 2 Naphthalene-d8	136	6.996	6.991	0.005	100	886889	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	92	516901	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	842393	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	98	854713	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	92	714602	4.00	
$ 7 2-Fluorophenol	112	4.782	4.616	0.166	93	675855	9.90	
$ 8 Phenol-d5	99	5.547	5.515	0.032	90	910956	10.0	
$ 9 Nitrobenzene-d5	82	6.370	6.360	0.010	94	497405	5.09	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	967430	5.22	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	89	179603	10.3	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	98	1071261	6.13	
41 Phenol	94		5.531					9
44 Bis(2-chloroethyl)ether	93		5.627					9
46 2-Chlorophenol	128		5.681					9
47 1,3-Dichlorobenzene	146		5.825					9
48 1,4-Dichlorobenzene	146		5.889					9
49 Benzyl alcohol	108		5.985					
50 1,2-Dichlorobenzene	146		6.028					
51 2-Methylphenol	108		6.076					
52 2,2'-oxybis[1-chloropropane]	45		6.108					
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					
60 Hexachloroethane	117		6.328					9
61 Nitrobenzene	77		6.376					
63 Isophorone	82		6.579					
65 2-Nitrophenol	139		6.654					9
64 2,4-Dimethylphenol	107		6.670					9
69 Benzoic acid	122		6.729					9
68 Bis(2-chloroethoxy)methane	93		6.756					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.857					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128	7.012	7.007	0.005	68	36715	0.1694	
74 4-Chloroaniline	127		7.039					9
77 Hexachlorobutadiene	225		7.103					
84 4-Chloro-3-methylphenol	107		7.435					
85 2-Methylnaphthalene	142	7.595	7.595	0.0	77	25294	0.1779	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					
98 2-Chloronaphthalene	162		8.013					
100 2-Nitroaniline	65		8.082					9
103 Dimethyl phthalate	163		8.221					
105 2,6-Dinitrotoluene	165		8.280					
107 Acenaphthylene	152		8.366					
108 3-Nitroaniline	138		8.424					9
110 Acenaphthene	153		8.510					
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					
112 2,4-Dinitrotoluene	165		8.617					
114 Dibenzofuran	168	8.649	8.654	-0.005	87	16815	0.0862	
119 Diethyl phthalate	149		8.809					
121 4-Chlorophenyl phenyl ether	204		8.927					
123 4-Nitroaniline	138		8.938					9
124 Fluorene	166	8.938	8.943	-0.005	75	10549	0.0678	
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.023					
137 4-Bromophenyl phenyl ether	248		9.344					
139 Hexachlorobenzene	284		9.403					
141 Pentachlorophenol	266		9.564					
146 Phenanthrene	178	9.756	9.756	0.0	95	179061	0.7918	
147 Anthracene	178	9.799	9.799	0.0	86	31109	0.1378	
149 Carbazole	167	9.922	9.922	0.0	69	19948	0.0922	
151 Di-n-butyl phthalate	149		10.184					
157 Fluoranthene	202	10.756	10.762	-0.006	97	297217	1.20	
160 Pyrene	202	10.965	10.965	0.0	97	252192	1.02	
166 Butyl benzyl phthalate	149		11.548					9
173 3,3'-Dichlorobenzidine	252		12.184					9
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	93	35335	0.3803	
175 Benzo[a]anthracene	228	12.238	12.238	0.0	92	110702	0.5010	
176 Chrysene	228	12.281	12.286	-0.005	88	125292	0.5986	
178 Di-n-octyl phthalate	149		13.099					9
180 Benzo[b]fluoranthene	252	13.714	13.720	-0.006	87	160732	0.7532	
181 Benzo[k]fluoranthene	252	13.746	13.757	-0.011	1	66331	0.2898	M
182 Benzo[a]pyrene	252	14.206	14.212	-0.006	67	97642	0.4868	
186 Indeno[1,2,3-cd]pyrene	276	15.912	15.923	-0.011	93	64715	0.3040	
187 Dibenz(a,h)anthracene	278		15.950					
188 Benzo[g,h,i]perylene	276	16.351	16.356	-0.005	89	74598	0.4001	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

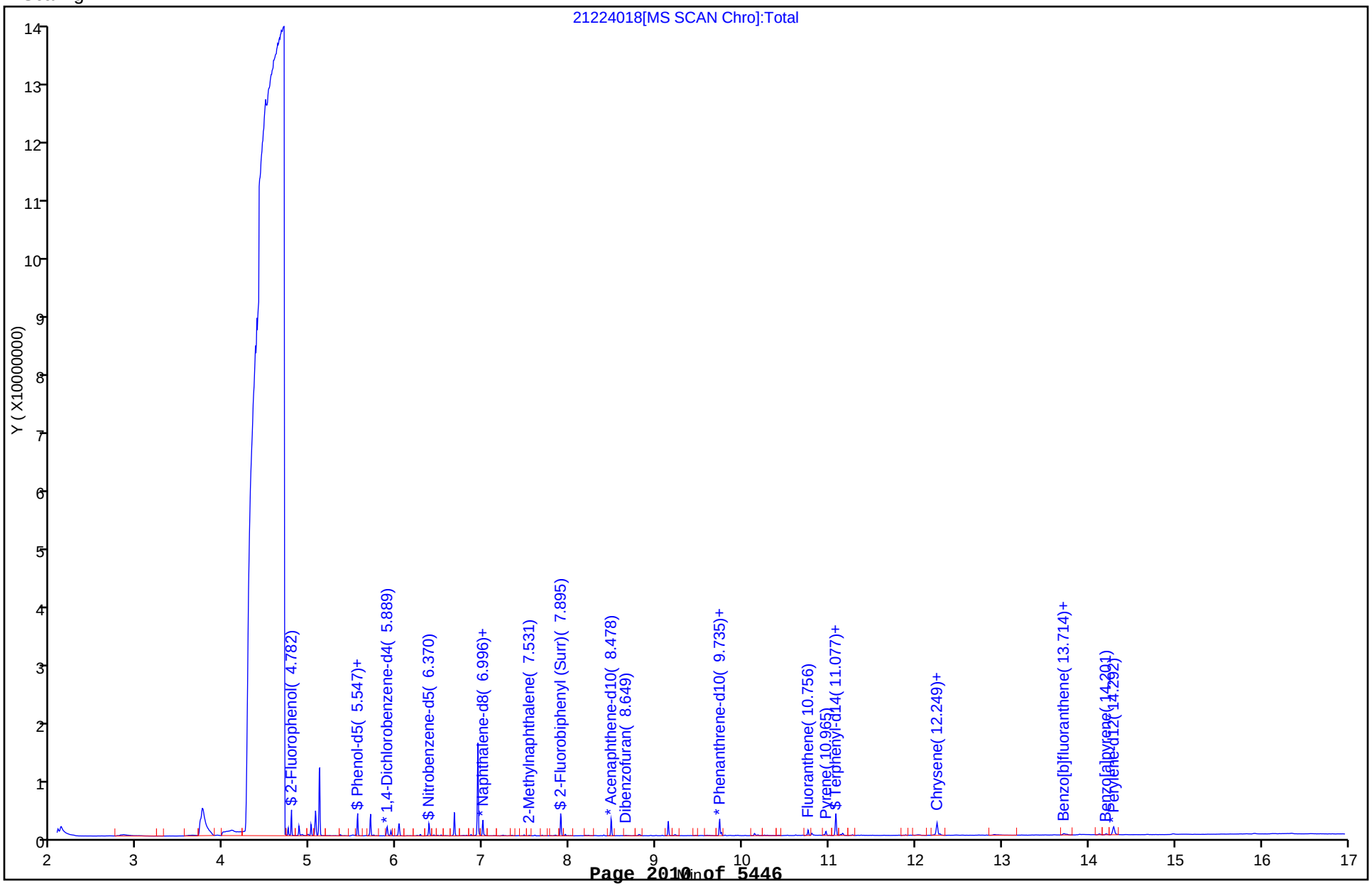
Review Flags
M - Manually Integrated

Report Date: 26-Dec-2012 13:04:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D		
Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



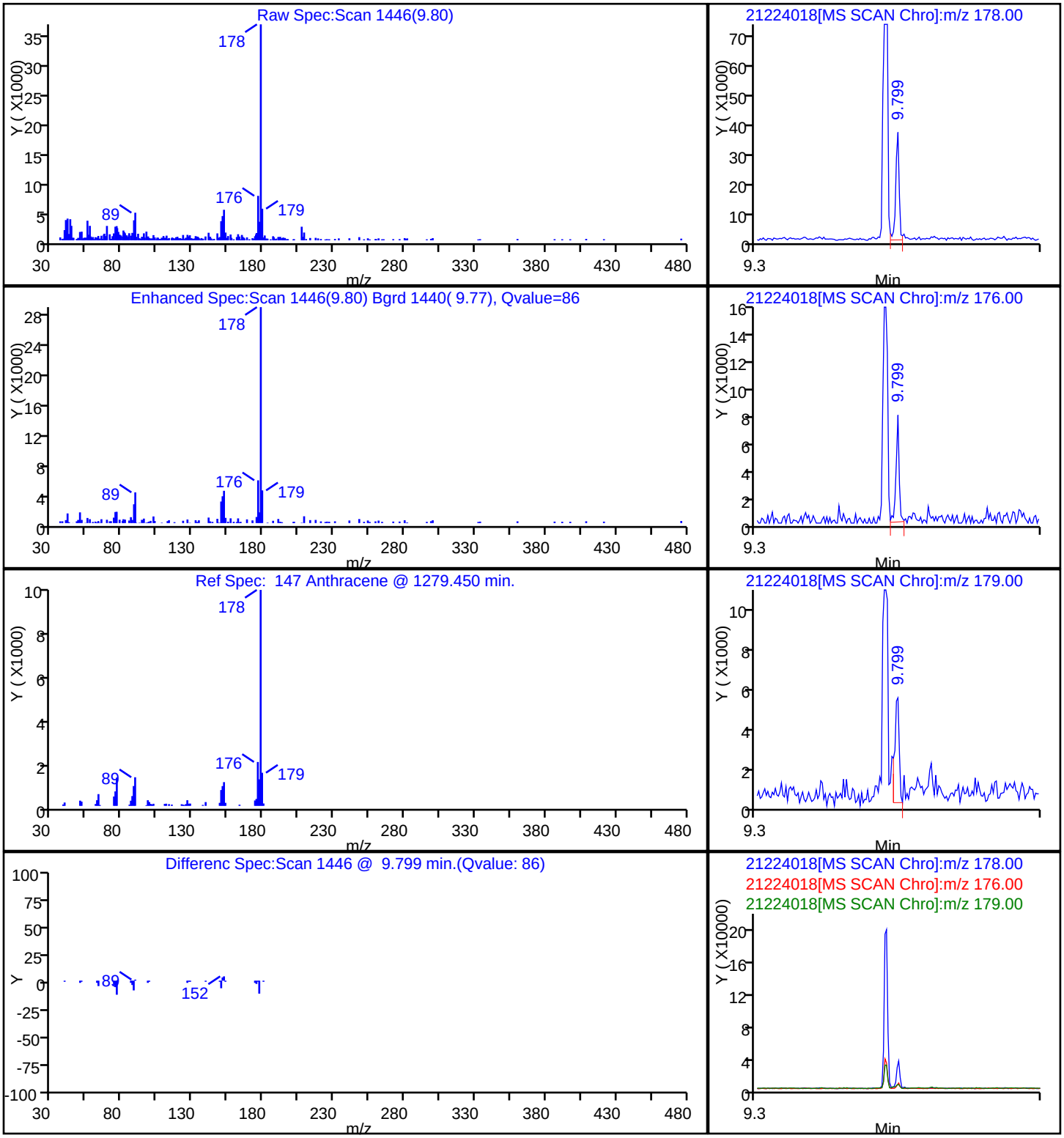
Report Date: 26-Dec-2012 13:04:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D

Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



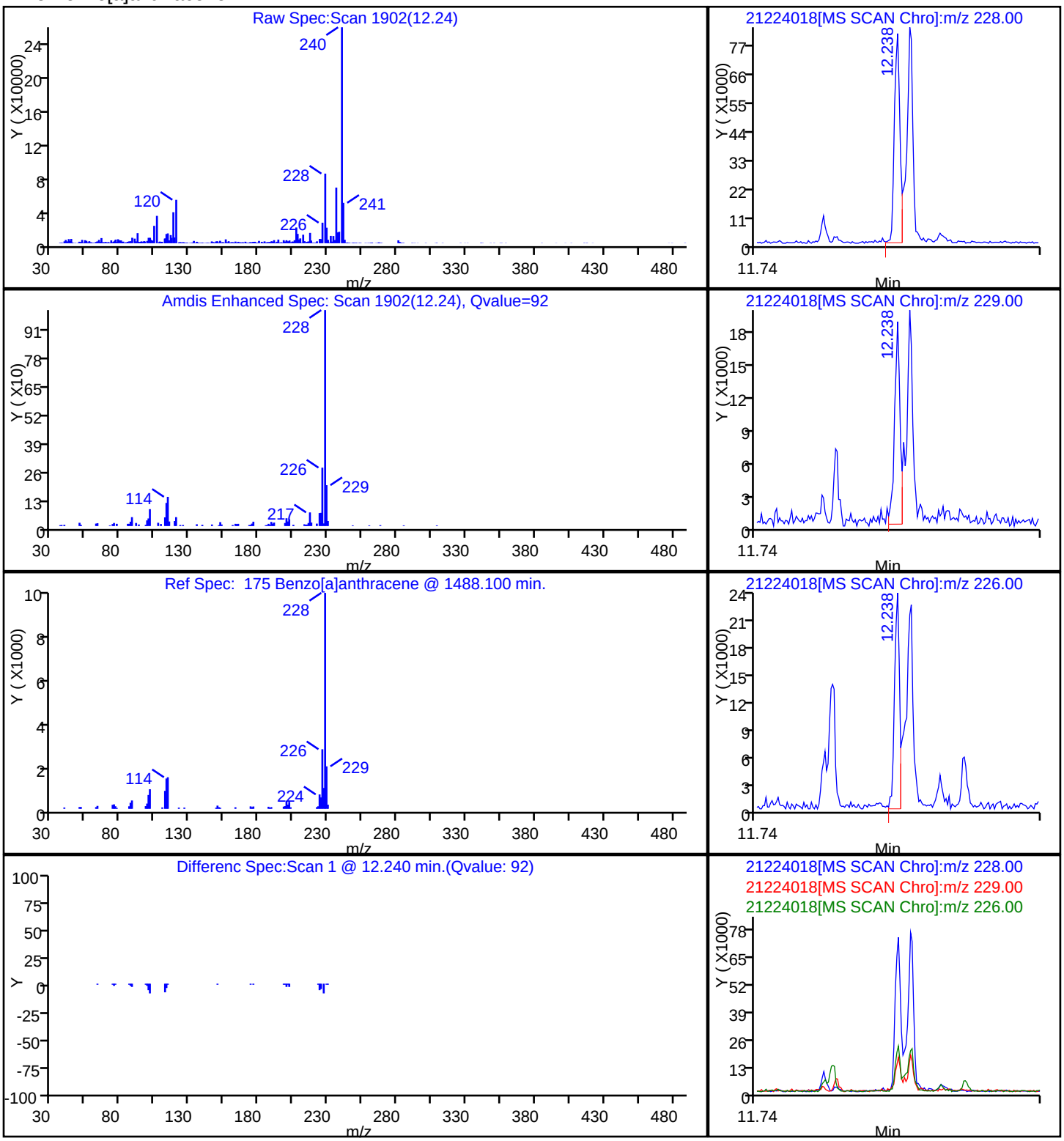
Report Date: 26-Dec-2012 13:04:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D

Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



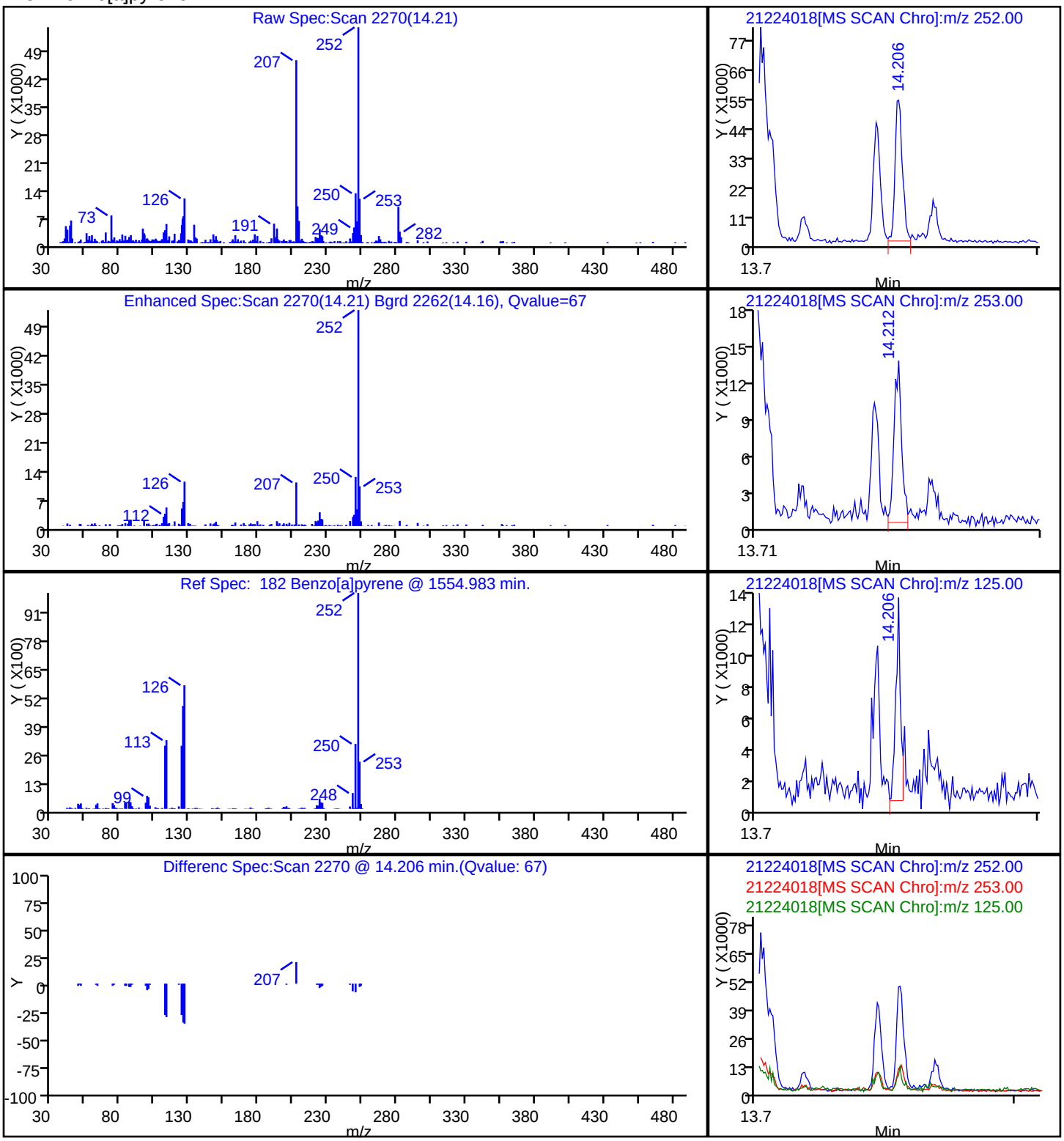
Report Date: 26-Dec-2012 13:04:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D

Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



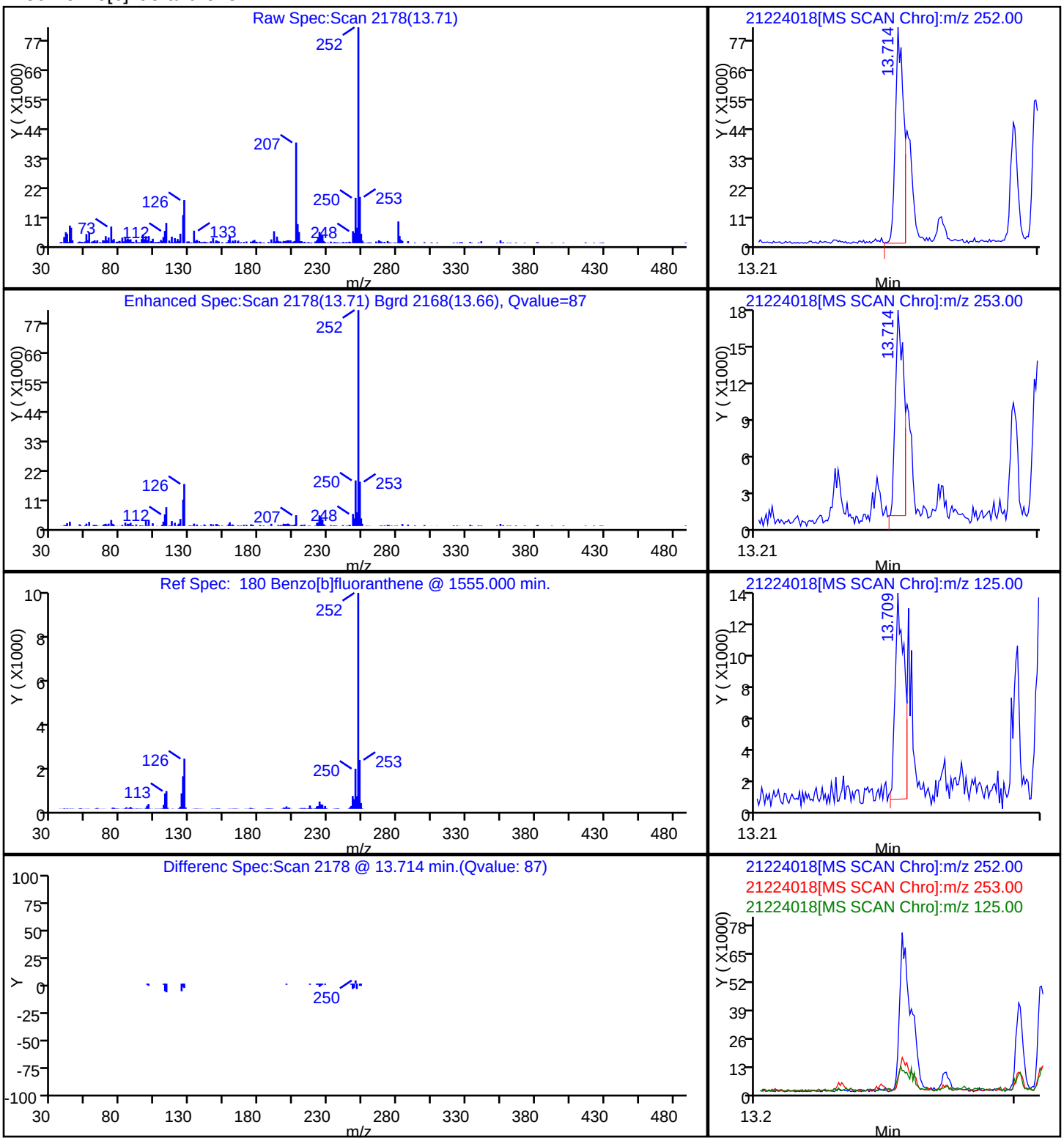
Report Date: 26-Dec-2012 13:04:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D

Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

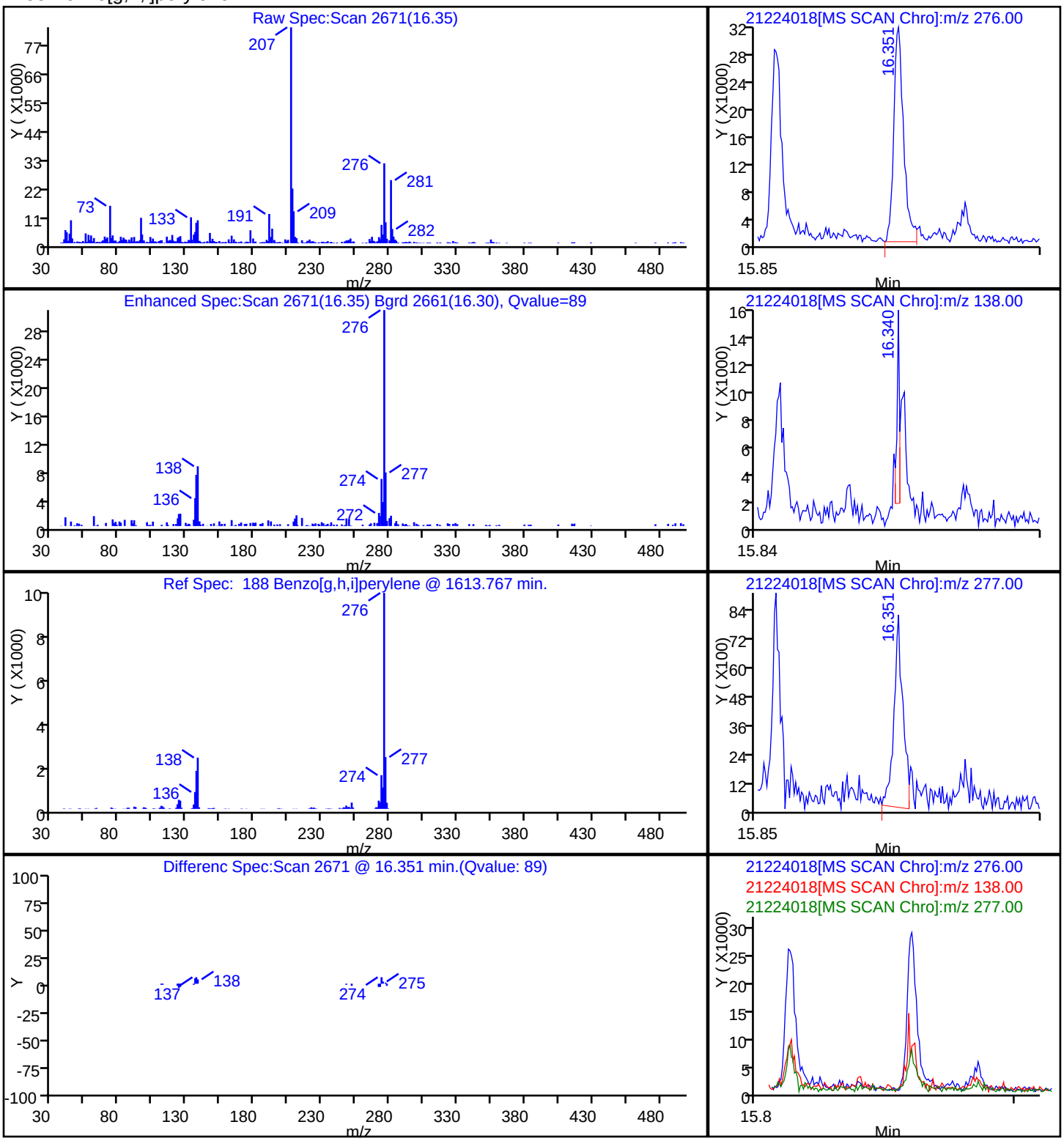


Report Date: 26-Dec-2012 13:04:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D		
Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



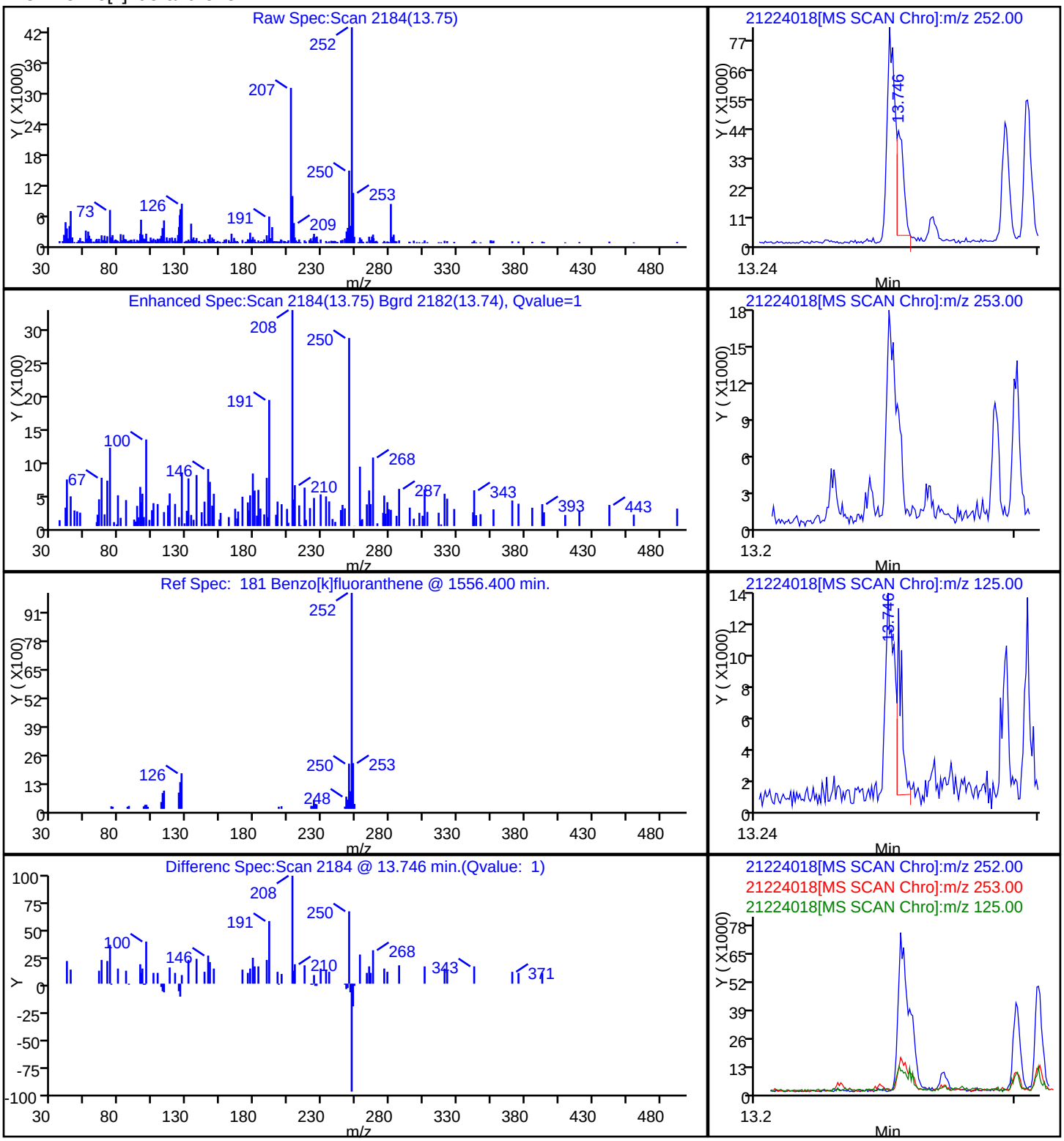
Report Date: 26-Dec-2012 13:04:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D

Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



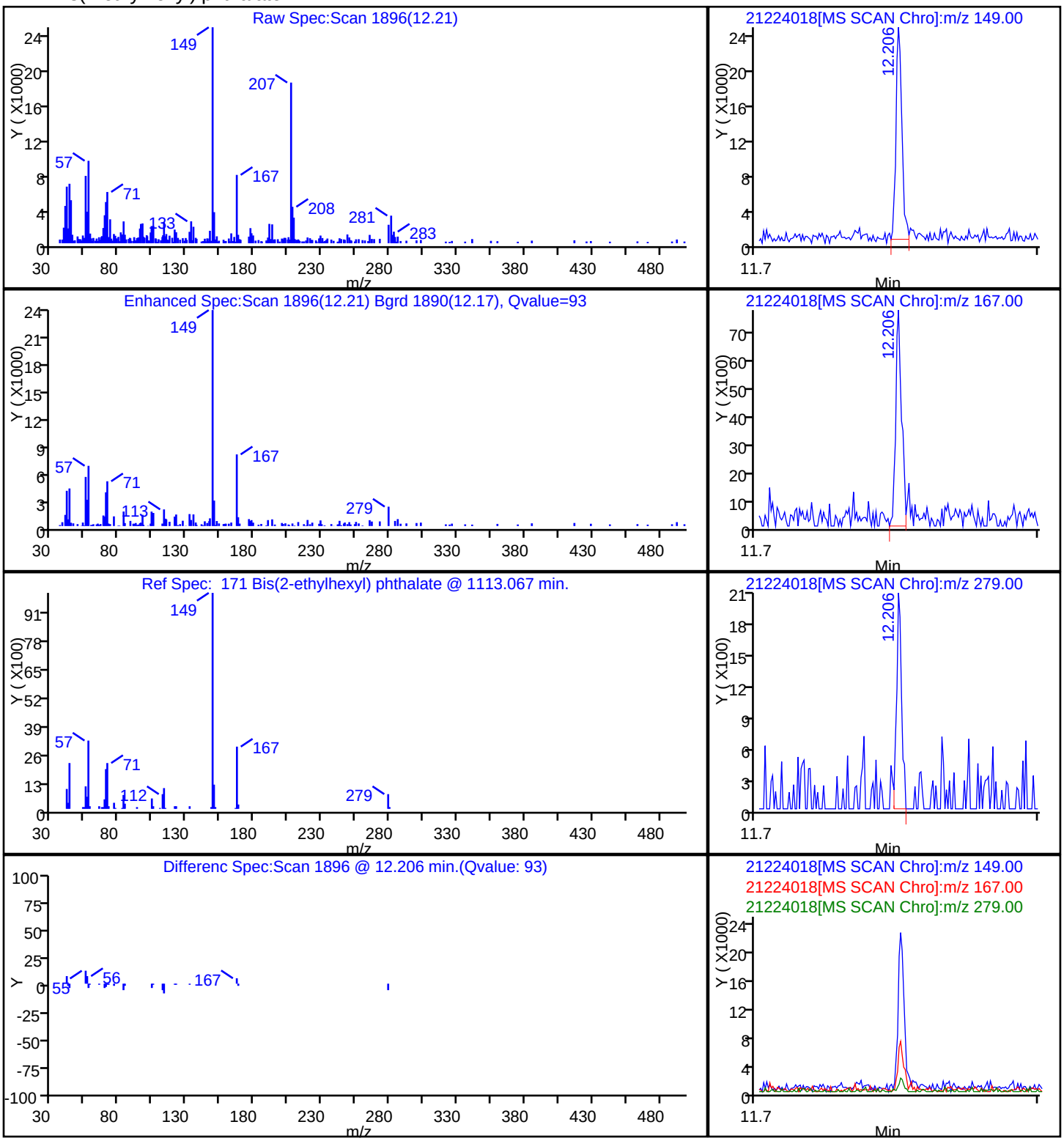
Report Date: 26-Dec-2012 13:04:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D

Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



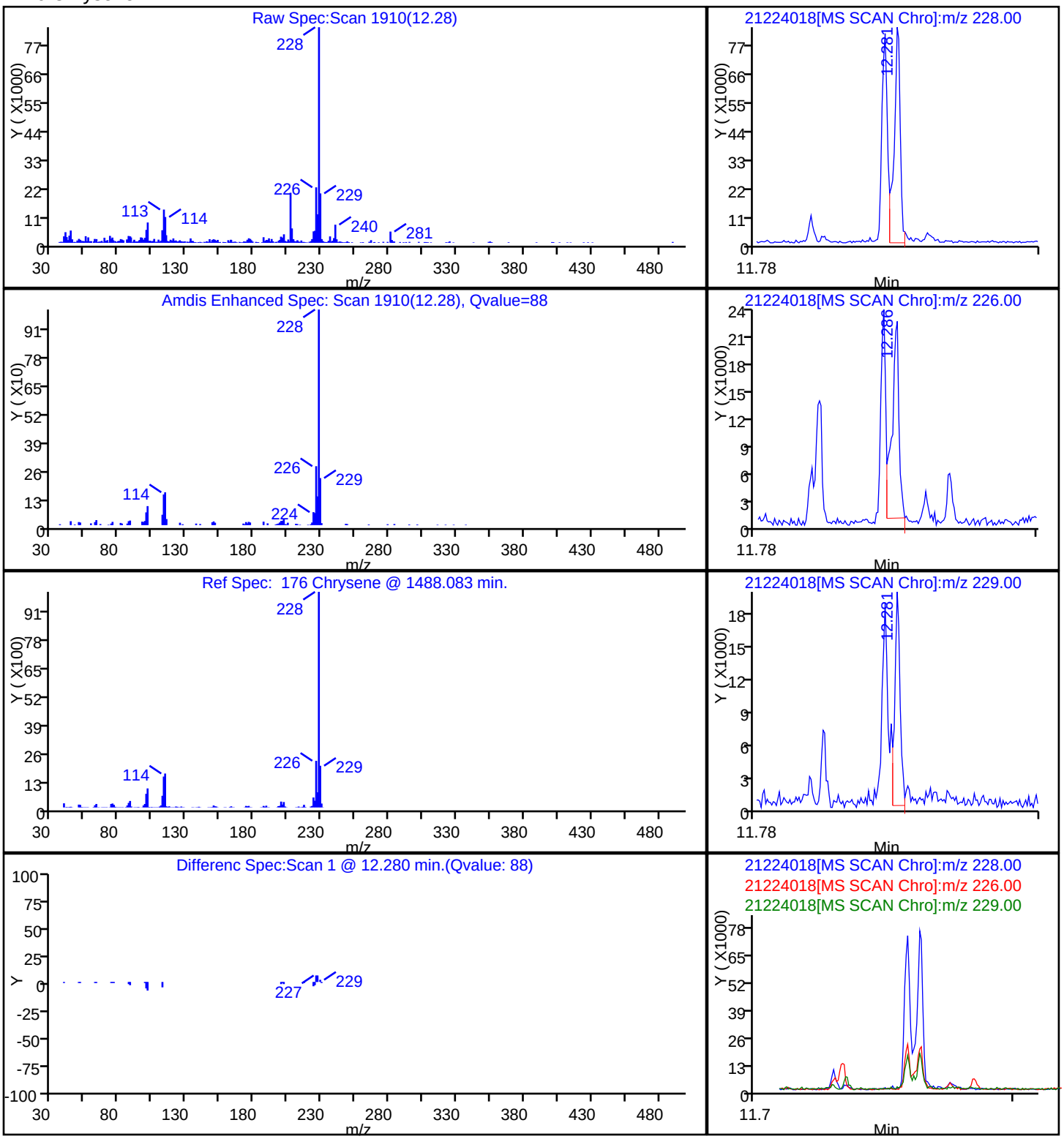
Report Date: 26-Dec-2012 13:04:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D

Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



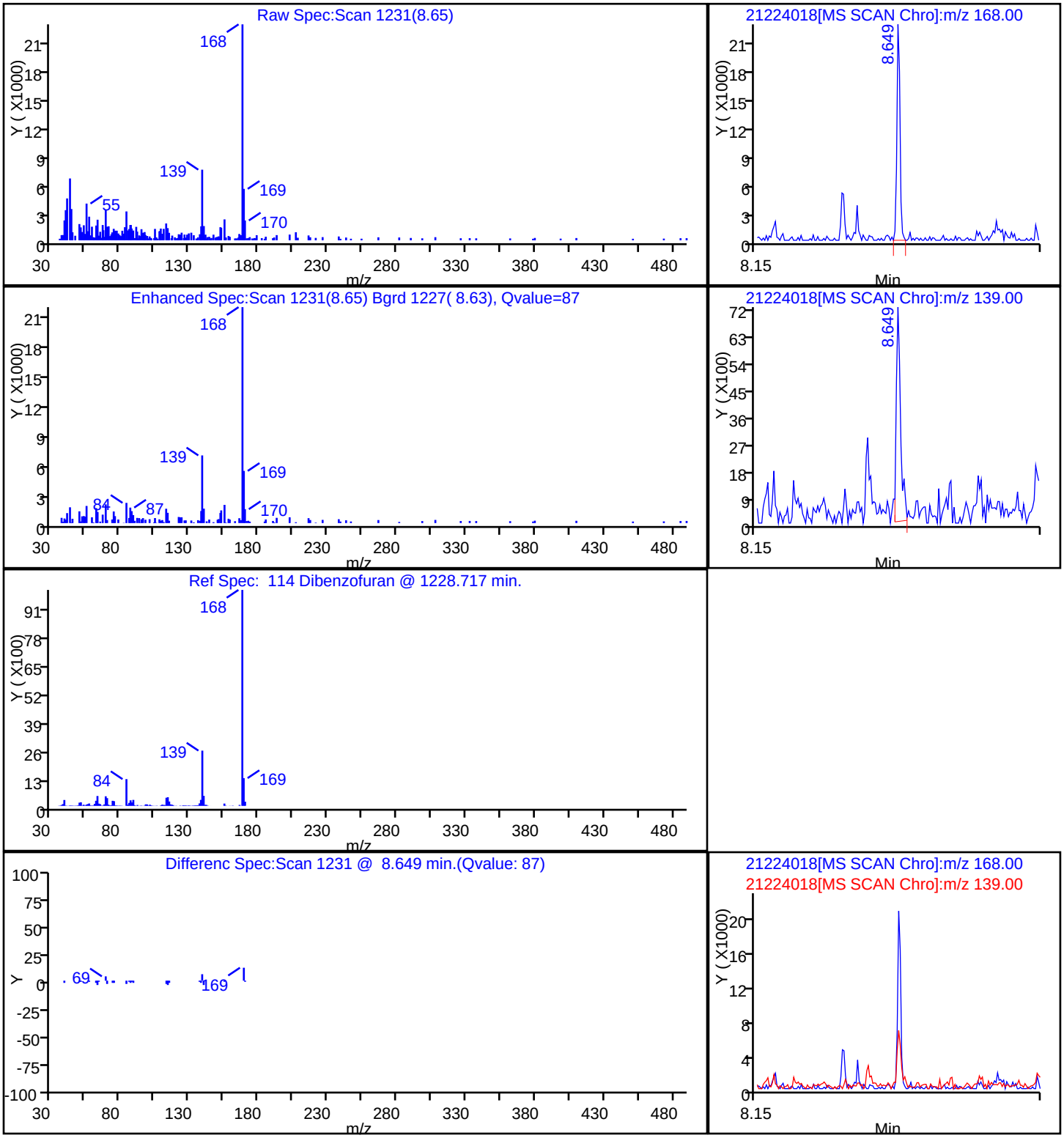
Report Date: 26-Dec-2012 13:04:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D

Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



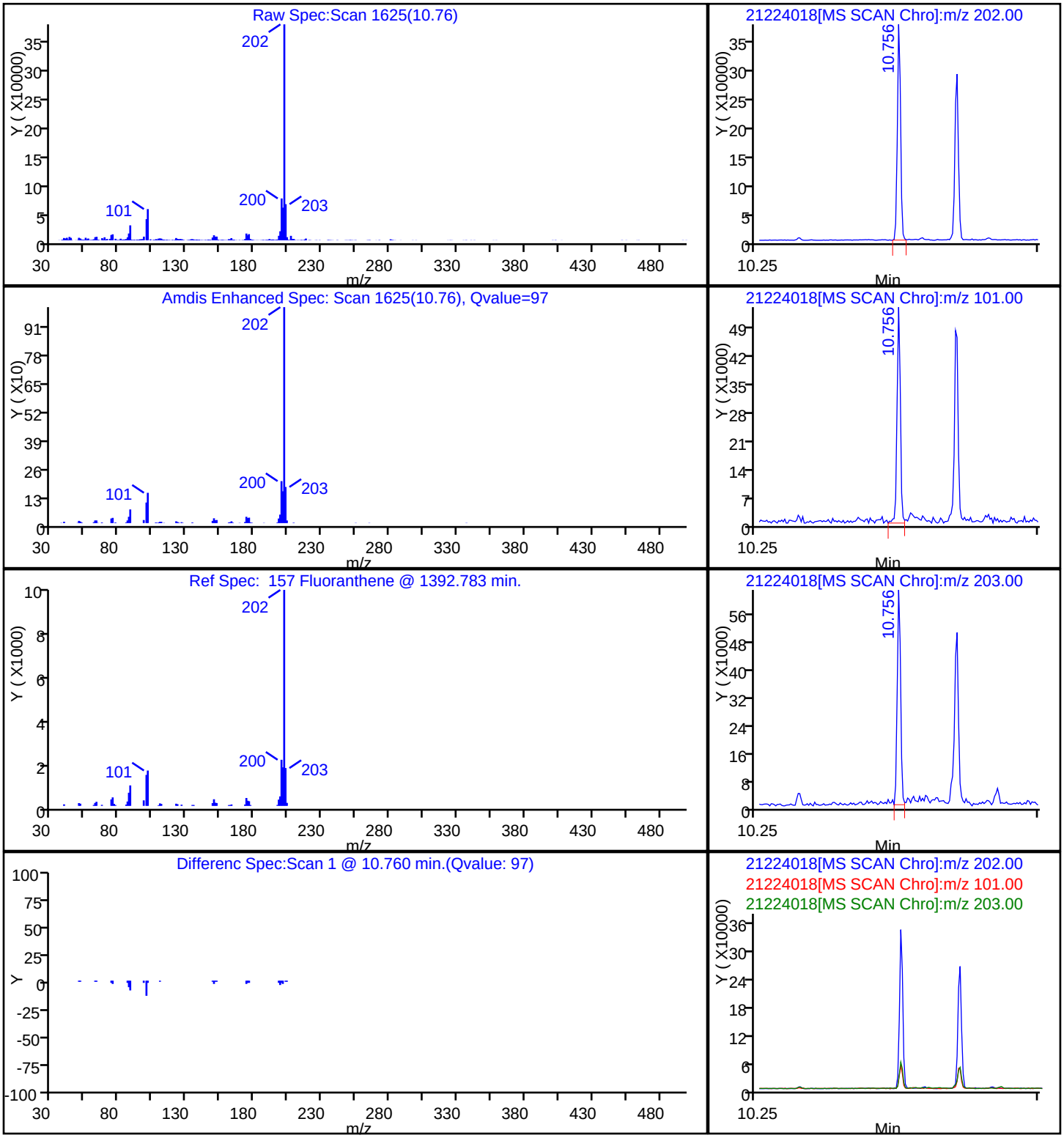
Report Date: 26-Dec-2012 13:04:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D

Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



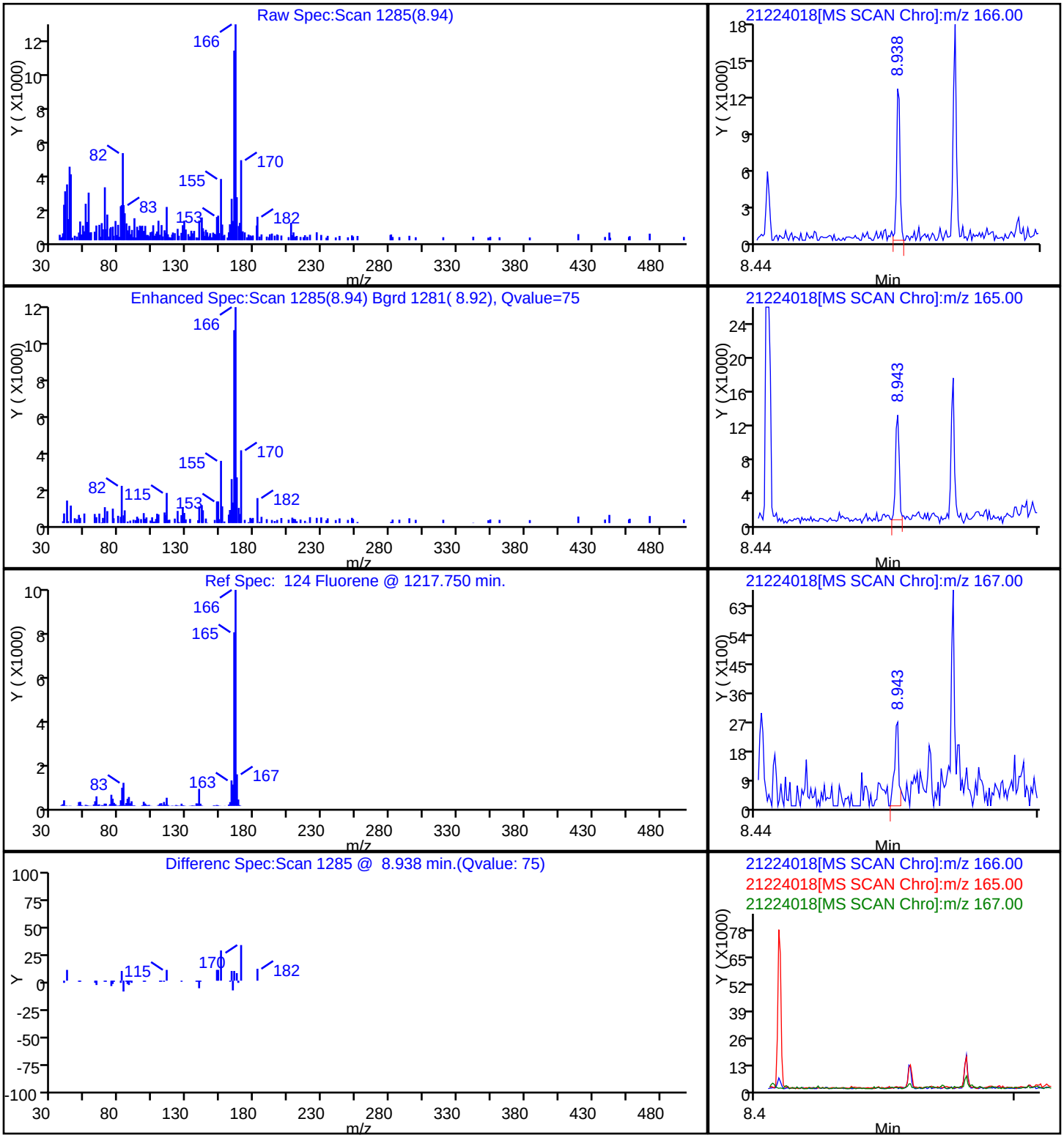
Report Date: 26-Dec-2012 13:04:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D

Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene

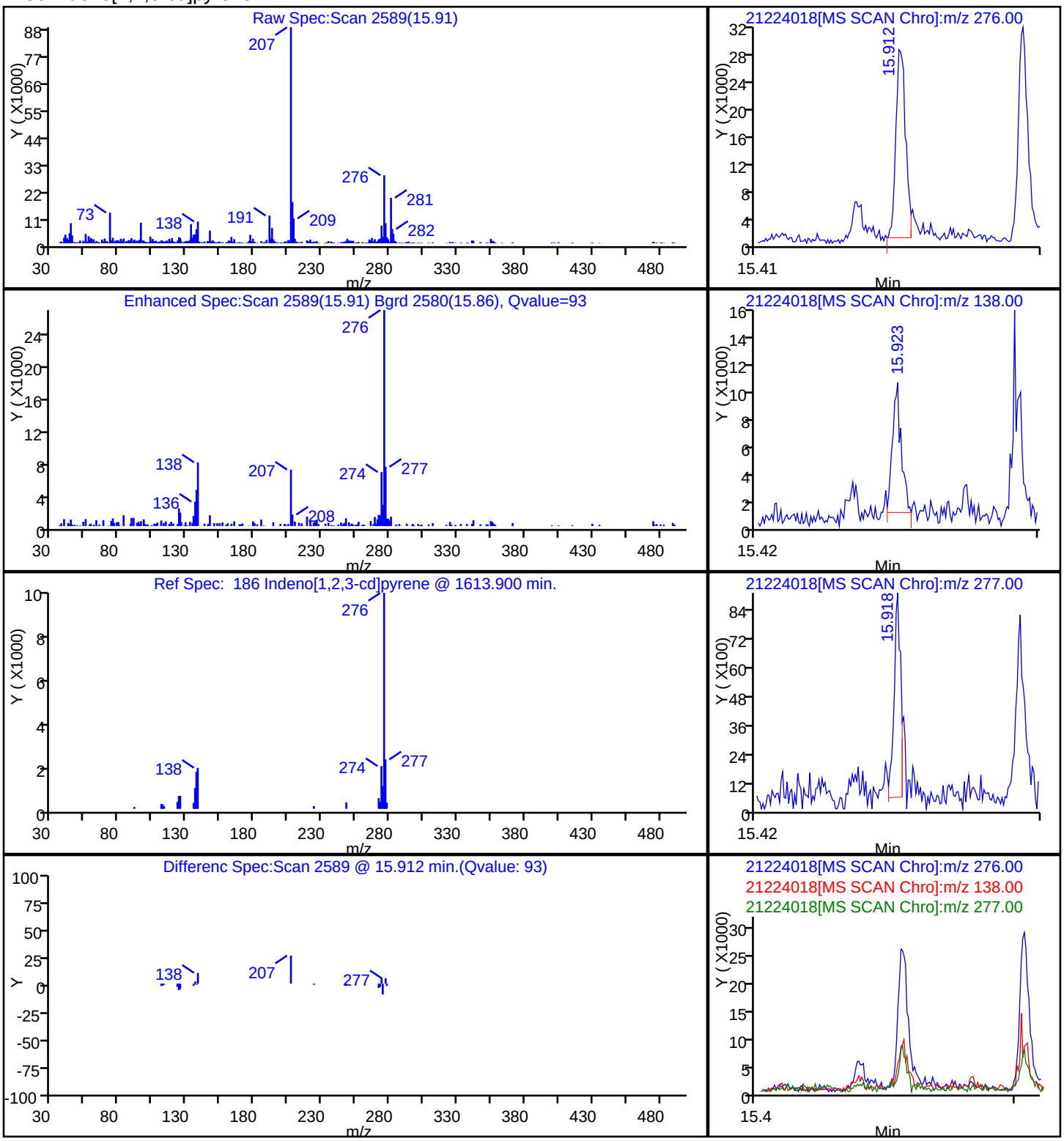


Report Date: 26-Dec-2012 13:04:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D		
Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



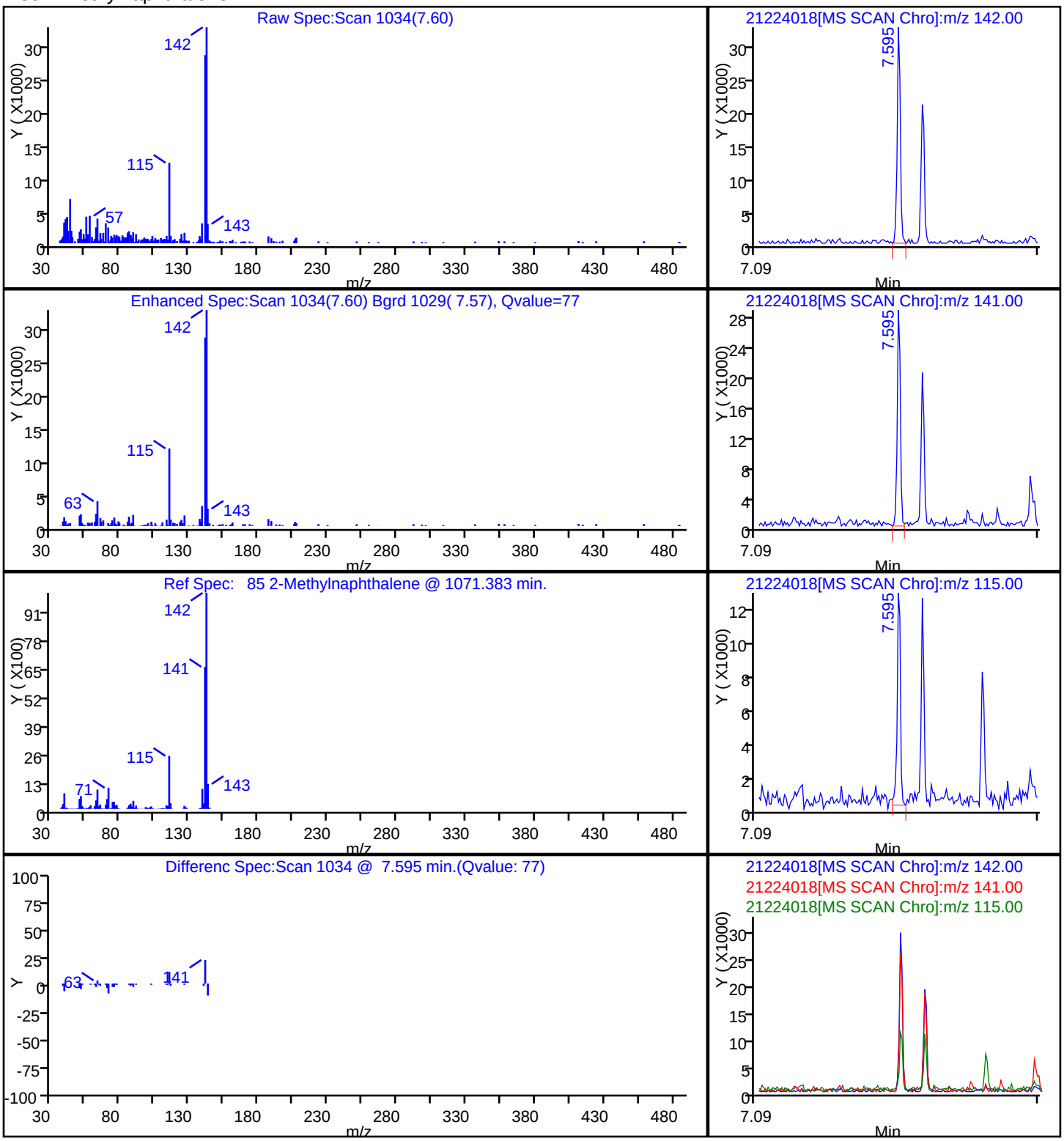
Report Date: 26-Dec-2012 13:04:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D

Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



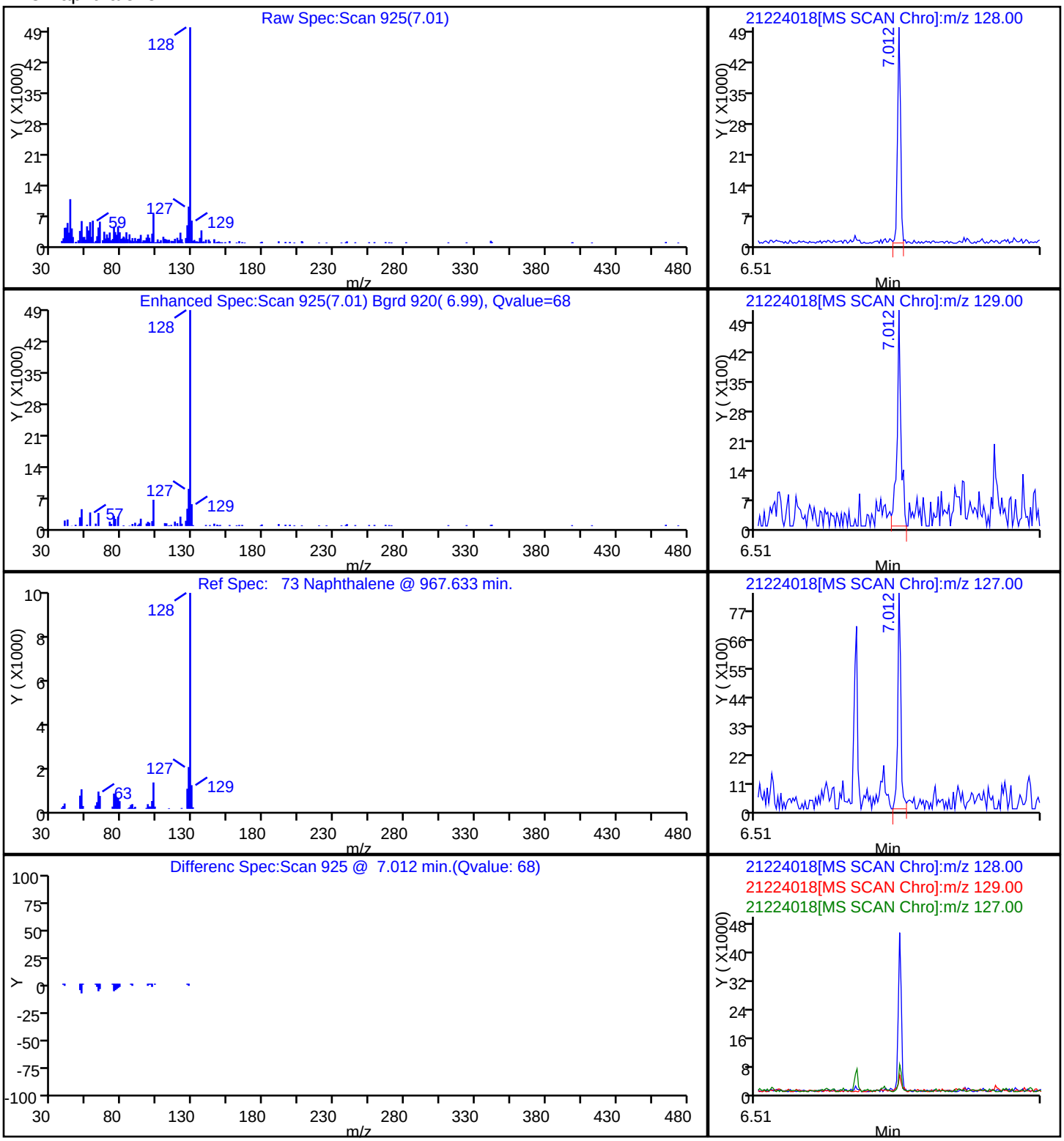
Report Date: 26-Dec-2012 13:04:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D

Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



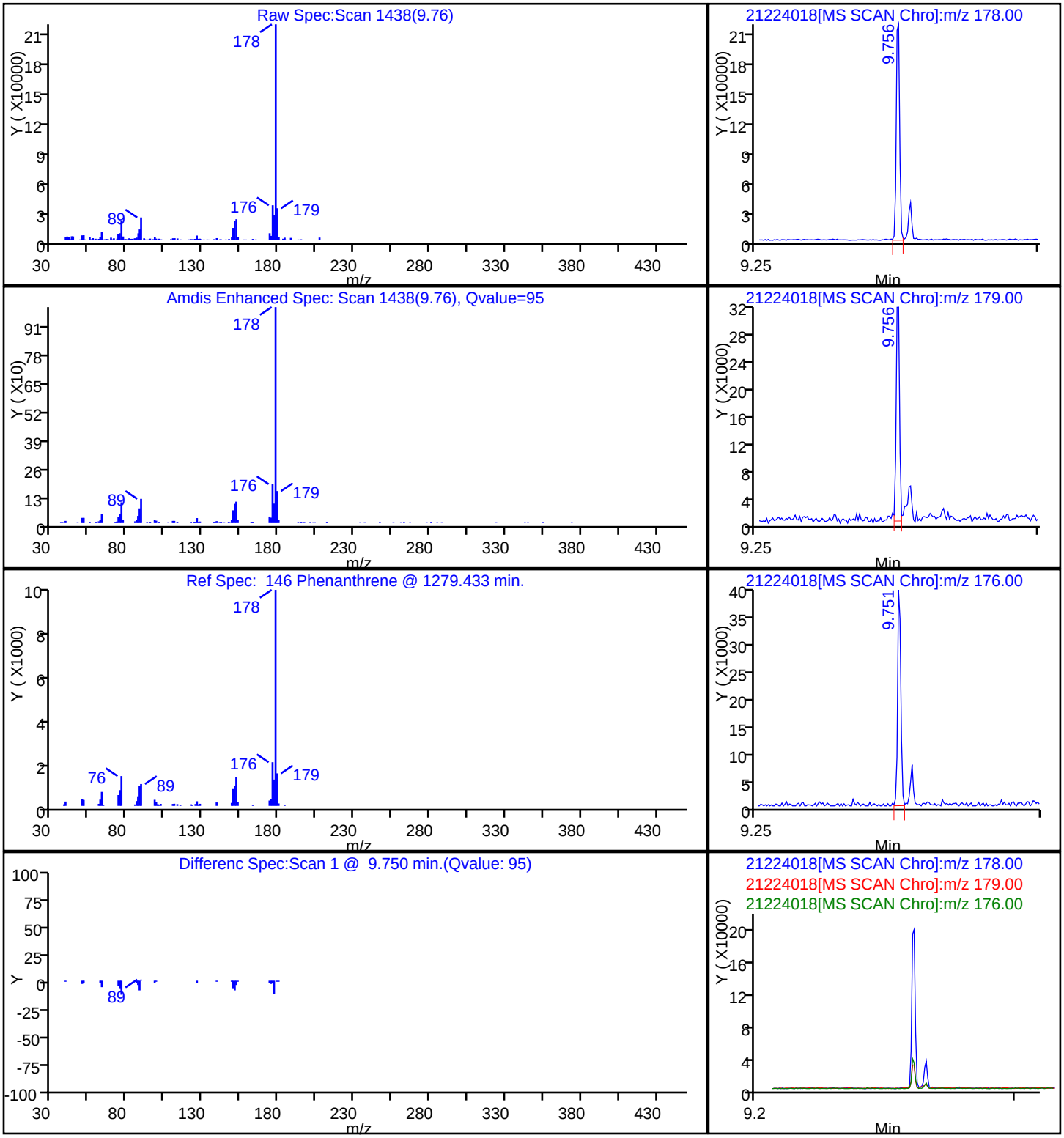
Report Date: 26-Dec-2012 13:04:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D

Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



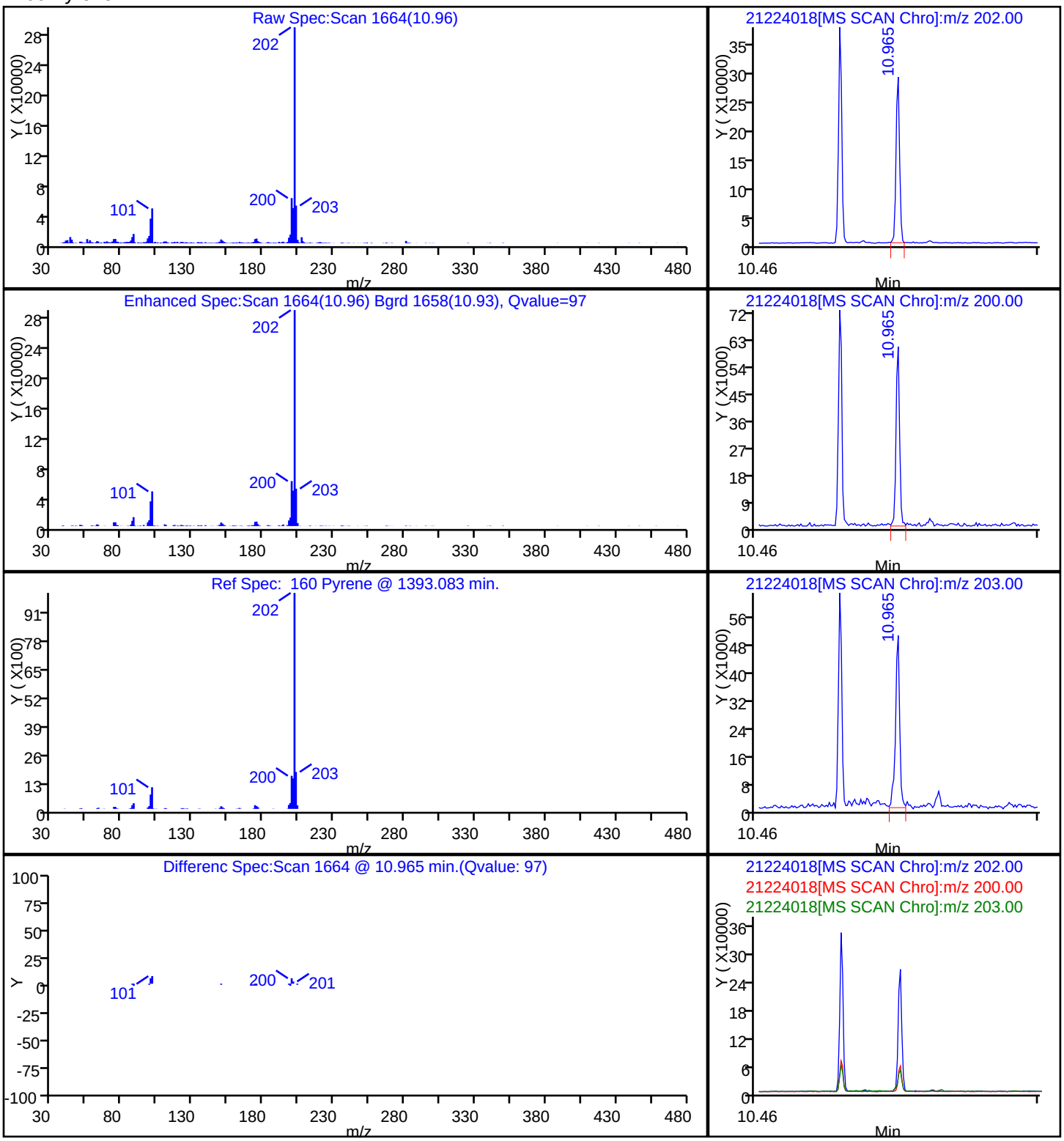
Report Date: 26-Dec-2012 13:04:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D

Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

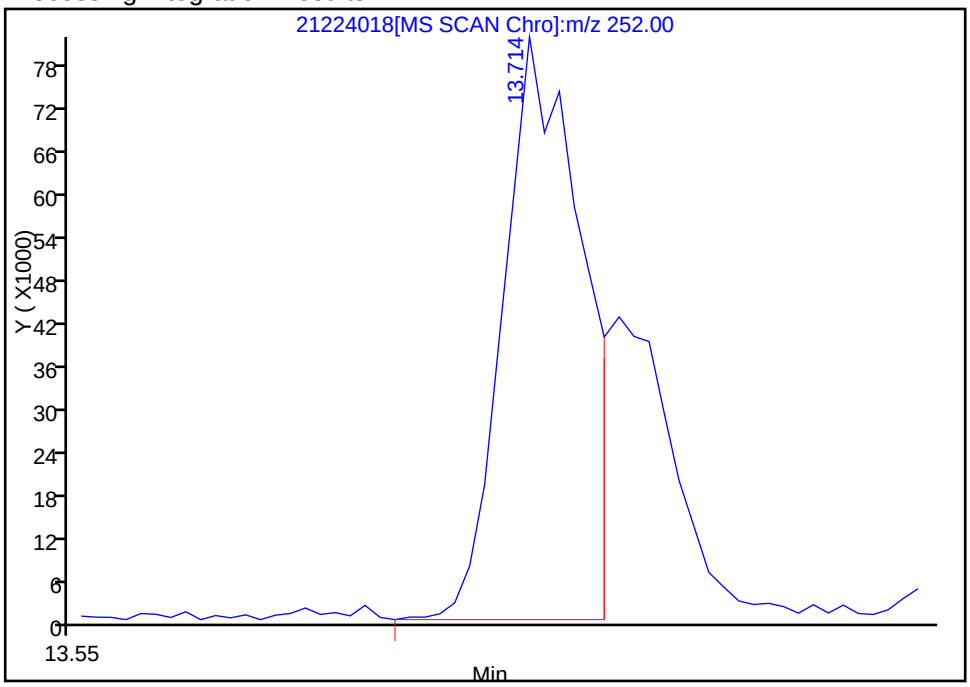
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224018.D		
Injection Date:	24-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.76

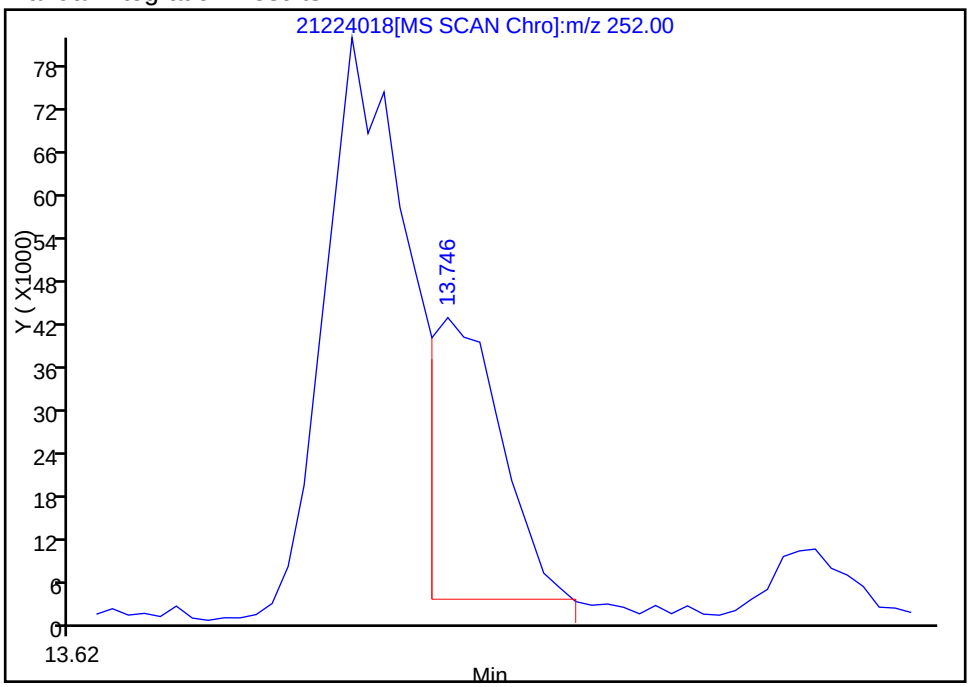
Processing Integration Results

RT: 13.71
Response: 160732
Amount: 0.702200



Manual Integration Results

RT: 13.75
Response: 66331
Amount: 0.289785



Reviewer: gruberj, 26-Dec-2012 12:58:25
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69576

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 13:47 Calibration End Date: 12/20/2012 16:55 Calibration ID: 12941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-69576/6	21220006.D
Level 2	STD2 240-69576/5	21220005.D
Level 3	STD3 240-69576/4	21220004.D
Level 4	STD4 240-69576/3	21220003.D
Level 5	STD5 240-69576/2	21220002.D
Level 6	STD6 240-69576/10	21220010.D
Level 7	STD7 240-69576/9	21220009.D
Level 8	STD8 240-69576/8	21220008.D
Level 9	STD9 240-69576/7	21220007.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5363	0.7238 0.5388	0.5833 0.5416	0.5367 0.5437	0.5224	Ave		0.5658			0.0500	12.0		15.0			
N-Nitrosodimethylamine	0.7787	0.7531 0.8248	0.7241 0.8421	0.7054 0.8245	0.7763	Ave		0.7786			0.0500	6.4		15.0			
Pyridine	1.3916	1.3005 1.4452	1.2384 1.5110	1.3166 1.4709	1.4292	Ave		1.3879			0.0500	6.8		15.0			
Ethyl methacrylate	1.1009	1.2052 1.1323	1.1445 1.1500	1.0796 1.1357	1.1166	Ave		1.1331			0.0500	3.3		15.0			
3-Chloropropionitrile	1.0786	0.9807 1.1592	0.9607 1.1655	1.0186 1.1525	1.1015	Ave		1.0772			0.0500	7.6		15.0			
Malononitrile	1.6048	1.2730 1.7642	1.4344 1.8235	1.4978 1.8164	1.6566	Ave		1.6088			0.0500	12.0		15.0			
Benzaldehyde	1.3855 1.3285	1.3611 1.2377	1.3672 1.1023	1.4279 1.0142	1.4117	Ave		1.2929			0.0500	11.0		15.0			
Phenol	1.7276	1.5307 1.7557	1.6933 1.8209	1.6613 1.7718	1.7319	Ave		1.7116			0.0500	5.1		15.0			
Aniline	2.2611	2.0556 2.3136	2.1257 2.3244	2.1464 2.3288	2.2358	Ave		2.2239			0.0500	4.6		15.0			
Bis(2-chloroethyl)ether	1.6172	1.6542 1.6762	1.6491 1.6989	1.6152 1.6905	1.6842	Ave		1.6607			0.0500	1.9		15.0			
2-Chlorophenol	1.3435	1.2116 1.4044	1.3298 1.4190	1.3399 1.4058	1.3615	Ave		1.3519			0.0500	4.9		15.0			
1,3-Dichlorobenzene	1.7242	1.7169 1.7947	1.6947 1.8105	1.7557 1.7929	1.7442	Ave		1.7542			0.0500	2.4		15.0			
Benzoic acid	0.1890	+++++ 0.2130	0.1190 0.2311	0.1581 0.2226	0.1912	Qua	-0.228	0.2053	0.0005		0.0500				0.9970		0.9950

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69576

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 13:47 Calibration End Date: 12/20/2012 16:55 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dichlorobenzene	1.4257	1.3683 1.5131	1.4447 1.5036	1.4056 1.5259	1.4649	Ave		1.4565			0.0500	3.8		15.0			
Benzyl alcohol	0.8485	0.7677 0.8784	0.7936 0.8942	0.8024 0.8916	0.8683	Ave		0.8431			0.0500	5.8		15.0			
1,2-Dichlorobenzene	1.6659	1.6597 1.7052	1.6383 1.7062	1.6519 1.7280	1.6851	Ave		1.6800			0.0500	1.9		15.0			
2-Methylphenol	1.2476	1.0894 1.2923	1.1308 1.3038	1.2174 1.3010	1.2475	Ave		1.2287			0.0500	6.5		15.0			
bis (2-chloroisopropyl) ether	2.3113	2.3225 2.3772	2.2958 2.4288	2.3769 2.4214	2.4063	Ave		2.3675			0.0500	2.2		15.0			
3 & 4 Methylphenol	1.3027	1.2799 1.3659	1.2722 1.3938	1.2380 1.3844	1.3193	Ave		1.3195			0.0500	4.3		15.0			
N-Nitrosodi-n-propylamine	0.9956	0.8529 1.0316	0.9743 1.0325	0.9606 1.0335	1.0142	Ave		0.9869			0.0500	6.2		15.0			
Acetophenone	1.8942	1.7941 1.9623	1.8643 1.9809	1.8684 2.0006	1.8920	Ave		1.9071			0.0500	3.6		15.0			
Hexachloroethane	0.6787	0.6766 0.7051	0.6702 0.7135	0.6624 0.7177	0.6931	Ave		0.6897			0.0500	3.0		15.0			
Nitrobenzene	0.4538	0.4078 0.4764	0.4366 0.4957	0.4421 0.4842	0.4503	Ave		0.4559			0.0500	6.3		15.0			
Isophorone	0.6403	0.5946 0.6876	0.6506 0.7264	0.6322 0.7158	0.6601	Ave		0.6634			0.0500	6.7		15.0			
2-Nitrophenol	0.1732	0.1203 0.1747	0.1374 0.1876	0.1584 0.1861	0.1722	Ave		0.1637			0.0500	15.0		15.0			
1,3,5-Trichlorobenzene	0.3455	0.3653 0.3621	0.3419 0.3640	0.3565 0.3677	0.3479	Ave		0.3564			0.0500	2.8		15.0			
2,4-Dimethylphenol	0.3350	0.3183 0.3456	0.3330 0.3552	0.3337 0.3545	0.3462	Ave		0.3402			0.0500	3.7		15.0			
Bis(2-chloroethoxy)methane	0.4857	0.4613 0.5090	0.4982 0.5351	0.4844 0.5164	0.4920	Ave		0.4978			0.0500	4.5		15.0			
2,4-Dichlorophenol	0.2711	0.2189 0.2843	0.2411 0.2906	0.2614 0.2880	0.2688	Ave		0.2655			0.0500	9.4		15.0			
1,2,4-Trichlorobenzene	0.3516	0.3444 0.3592	0.3431 0.3787	0.3504 0.3717	0.3486	Ave		0.3560			0.0500	3.6		15.0			
Naphthalene	1.0109 0.9563	0.9769 0.9973	0.9223 1.0254	0.9478 0.9980	0.9631	Ave		0.9776			0.0500	3.4		15.0			
4-Chloroaniline	0.4085	0.3623 0.4285	0.3933 0.4454	0.4094 0.4444	0.4073	Ave		0.4124			0.0500	6.7		15.0			
Hexachlorobutadiene	0.1883	0.1969 0.1952	0.1925 0.2011	0.1886 0.1996	0.1833	Ave		0.1932			0.0500	3.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69576

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 13:47 Calibration End Date: 12/20/2012 16:55 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Caprolactam	0.0895	0.0704 0.0897	0.0825 0.0913	0.0905 0.0879	0.1013	Ave		0.0879			0.0500	10.0		15.0			
4-Chloro-3-methylphenol	0.2843	0.2364 0.2979	0.2592 0.3139	0.2805 0.3096	0.2904	Ave		0.2840			0.0500	9.1		15.0			
2,4-Dinitrophenol	0.1471	+++++ 0.1439	0.0663 0.1692	0.1037 0.1592	0.1407	Qua	-0.184	0.1510	0.0003		0.0500				0.9950		0.9950
2-Methylnaphthalene	0.6304 0.6307	0.5986 0.6529	0.6202 0.6846	0.6340 0.6784	0.6427	Ave		0.6414			0.0500	4.2		15.0			
1-Methylnaphthalene	0.5786 0.5874	0.5896 0.6118	0.5845 0.6476	0.5944 0.6345	0.5833	Ave		0.6013			0.0500	4.1		15.0			
1,2,3,5-Tetrachlorobenzene	0.5649	0.6052 0.5560	0.5614 0.5968	0.5508 0.5946	0.5660	Ave		0.5745			0.0500	3.7		15.0			
Hexachlorocyclopentadiene	0.3341	0.2783 0.3441	0.2988 0.3742	0.3328 0.3886	0.3538	Ave		0.3381			0.0500	11.0		15.0			
2,4,6-Trichlorophenol	0.3218	0.2799 0.3272	0.2689 0.3559	0.3004 0.3503	0.3131	Ave		0.3147			0.0500	9.8		15.0			
4,6-Dinitro-2-methylphenol	0.1177	+++++ 0.1263	0.0650 0.1384	0.0867 0.1305	0.1095	Qua	-0.096	0.1310	0.0002		0.0500				0.9970		0.9950
2,4,5-Trichlorophenol	0.3417	0.3069 0.3564	0.3012 0.3775	0.3379 0.3814	0.3467	Ave		0.3437			0.0500	8.5		15.0			
2,4-Toluene diamine	0.1831	0.1810 0.1684	0.2172 0.1649	0.2156 0.1753	0.2165	Ave		0.1902			0.0500	12.0		15.0			
1,1'-Biphenyl	1.3700 1.2744	1.3056 1.2787	1.2939 1.3650	1.2506 1.3908	1.3108	Ave		1.3155			0.0500	3.7		15.0			
2-Chloronaphthalene	1.2421 1.2370	1.2015 1.2385	1.2050 1.3512	1.2204 1.3483	1.2068	Ave		1.2501			0.0500	4.7		15.0			
2-Nitroaniline	0.3648	0.2741 0.3745	0.3044 0.4065	0.3333 0.4078	0.3653	Ave		0.3538			0.0500	13.0		15.0			
Dimethyl phthalate	1.1313	1.0690 1.1613	1.0867 1.2550	1.1038 1.2610	1.1230	Ave		1.1489			0.0500	6.3		15.0			
2,6-Dinitrotoluene	0.3023	0.2056 0.3062	0.2334 0.3356	0.2670 0.3349	0.2831	Qua	-0.053	0.2852	0.0022		0.0500				0.9990		0.9950
1,2-Dinitrobenzene	0.1532	0.0960 0.1562	0.1225 0.1673	0.1312 0.1659	0.1429	Qua	-0.037	0.1499	0.0008		0.0500				0.9990		0.9950
Acenaphthylene	1.5517 1.6942	1.4834 1.7003	1.5402 1.7806	1.6001 1.8235	1.6156	Ave		1.6433			0.0500	7.0		15.0			
3-Nitroaniline	0.2862	0.2035 0.3019	0.2580 0.3259	0.2741 0.3245	0.2893	Ave		0.2829			0.0500	14.0		15.0			
Acenaphthene	1.2013 0.9781	0.9747 0.9795	1.0103 1.0467	0.9777 1.0582	0.9876	Ave		1.0238			0.0500	7.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69576

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 13:47 Calibration End Date: 12/20/2012 16:55 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Nitrophenol	0.1733	0.1135 0.1826	0.1424 0.1990	0.1557 0.1996	0.1677	Qua	-0.028	0.1644	0.0015		0.0500				0.9990		0.9950
2,4-Dinitrotoluene	0.4047	0.2483 0.4216	0.3130 0.4562	0.3622 0.4520	0.3944	Qua	-0.090	0.3964	0.0026		0.0500				0.9990		0.9950
Dibenzofuran	1.7103 1.4435	1.4130 1.4815	1.4596 1.6033	1.4563 1.6010	1.4235	Ave		1.5102			0.0500	6.8		15.0			
2,3,5,6-Tetrachlorophenol	0.2863	0.2030 0.2869	0.2312 0.3159	0.2670 0.3126	0.2783	Ave		0.2727			0.0500	14.0		15.0			
Diethyl phthalate	1.1301	1.0936 1.1537	1.0960 1.2431	1.0882 1.2637	1.1083	Ave		1.1471			0.0500	6.0		15.0			
4-Chlorophenyl phenyl ether	0.6578	0.6309 0.6674	0.6723 0.7074	0.6562 0.7190	0.6556	Ave		0.6708			0.0500	4.3		15.0			
4-Nitroaniline	0.2988	0.2101 0.3052	0.2313 0.3253	0.2520 0.3223	0.2972	Ave		0.2803			0.0500	15.0		15.0			
Fluorene	1.1598 1.1699	1.2263 1.2020	1.1312 1.2979	1.1877 1.2886	1.1752	Ave		1.2043			0.0500	4.7		15.0			
N-Nitrosodiphenylamine	0.5417	0.4766 0.5650	0.5080 0.6012	0.5355 0.5811	0.5259	Ave		0.5419			0.0500	7.4		15.0			
1,2-Diphenylhydrazine(as Azobenzene)	0.8328	0.7379 0.8785	0.8009 0.9178	0.7891 0.9025	0.8219	Ave		0.8354			0.0500	7.3		15.0			
Azobenzene	0.8328	0.7379 0.8785	0.8009 0.9178	0.7903 0.9025	0.8224	Ave		0.8354			0.0500	7.3		15.0			
4-Bromophenyl phenyl ether	0.2301	0.2228 0.2385	0.2276 0.2448	0.2273 0.2399	0.2243	Ave		0.2319			0.0500	3.5		15.0			
Hexachlorobenzene	0.2655 0.2244	0.2148 0.2268	0.2325 0.2386	0.2198 0.2348	0.2204	Ave		0.2309			0.0500	6.5		15.0			
Atrazine	0.1584	0.1360 0.1590	0.1467 0.1607	0.1523 0.1534	0.1538	Ave		0.1525			0.0500	5.3		15.0			
Benzidine	0.4483	+++++ 0.4794	0.2823 0.5280	0.3520 0.5103	0.4550	Qua	-0.231	0.4705	0.0023		0.0500				0.9980		0.9950
Pentachlorophenol	0.1427	0.0871 0.1416	0.1205 0.1502	0.1335 0.1430	0.1386	Ave		0.1321			0.0500	15.0		15.0			
Phenanthrene	1.1456 1.0645	1.0237 1.0909	1.0357 1.1158	1.0277 1.1210	1.0397	Ave		1.0738			0.0500	4.3		15.0			
Anthracene	0.9912 1.0821	0.9584 1.1403	1.0363 1.2062	1.0440 1.1426	1.0467	Ave		1.0720			0.0500	7.4		15.0			
Carbazole	1.0426	0.8945 1.0945	0.9658 1.1035	1.0195 1.0935	1.0023	Ave		1.0270			0.0500	7.1		15.0			
Di-n-butyl phthalate	1.1986	0.9775 1.2769	1.0607 1.2584	1.1261 1.2409	1.1478	Ave		1.1609			0.0500	9.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69576

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 13:47 Calibration End Date: 12/20/2012 16:55 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,3'-Dimethoxybenzidine	0.2349	+++++ 0.2562	0.1090 0.2898	0.1777 0.2775	0.2273	Qua	-0.170	0.2496	0.0016		0.0500				0.9960		0.9950
Fluoranthene	1.2282 1.1806	1.0335 1.2504	1.1215 1.2831	1.1403 1.2311	1.1383	Ave		1.1785			0.0500	6.6		15.0			
Pyrene	1.1328 1.1597	1.0945 1.2216	1.0952 1.2208	1.1354 1.2015	1.1549	Ave		1.1574			0.0500	4.2		15.0			
Butyl benzyl phthalate	0.4821	0.3484 0.5110	0.3951 0.5410	0.4493 0.5403	0.4902	Ave		0.4697			0.0500	15.0		15.0			
3,3'-Dichlorobenzidine	0.3958	0.2796 0.4094	0.3398 0.4276	0.3733 0.4221	0.3933	Ave		0.3801			0.0500	13.0		15.0			
4,4'-Methylene bis(2-chloroaniline)	0.1906	0.1214 0.1964	0.1486 0.2037	0.1771 0.2028	0.1953	Qua	-0.035	0.1929	0.0005		0.0500				1.0000		0.9950
Bis(2-ethylhexyl) phthalate	0.6889	0.4600 0.7294	0.5662 0.7651	0.6534 0.7720	0.7014	Qua	-0.092	0.6755	0.0042		0.0500				1.0000		0.9950
Benzo[a]anthracene	1.0178 1.0195	0.9380 1.0580	0.9916 1.1328	1.0034 1.1273	1.0186	Ave		1.0341			0.0500	6.1		15.0			
Chrysene	1.0304 0.9588	0.9292 0.9881	0.9385 1.0303	0.9414 1.0433	0.9562	Ave		0.9796			0.0500	4.6		15.0			
Di-n-octyl phthalate	1.3614	0.6683 1.4768	0.9417 1.5638	1.1602 1.5831	1.4210	Qua	-0.357	1.3508	0.0102		0.0500				0.9990		0.9950
Benzo[b]fluoranthene	1.0736 1.2345	1.0463 1.2345	1.1969 1.3164	1.1119 1.3313	1.2047	Ave		1.1945			0.0500	8.4		15.0			
Benzo[k]fluoranthene	1.1358 1.3299	1.1271 1.3779	1.2448 1.3936	1.2857 1.4089	1.2276	Ave		1.2813			0.0500	8.3		15.0			
Benzo[a]pyrene	0.8731 1.1952	0.8882 1.2349	1.0506 1.2928	1.1091 1.3045	1.1575	Ave		1.1229			0.0500	14.0		15.0			
Indeno[1,2,3-cd]pyrene	0.9332 1.2471	0.9839 1.2920	1.1384 1.3419	1.1905 1.3558	1.2403	Ave		1.1915			0.0500	13.0		15.0			
Dibenz(a,h)anthracene	0.8464 1.0470	0.8132 1.0999	0.9647 1.1493	0.9945 1.1568	1.0553	Ave		1.0141			0.0500	12.0		15.0			
Benzo[g,h,i]perylene	0.9292 1.0630	0.8762 1.0910	1.0230 1.1546	1.0323 1.1602	1.0625	Ave		1.0436			0.0500	9.0		15.0			
2-Fluorophenol (Surr)	1.2144	1.1332 1.2861	1.1075 1.2879	1.2177 1.3000	1.2704	Ave		1.2271			0.0500	6.0		15.0			
Phenol-d5 (Surr)	1.6471	1.4491 1.6938	1.6151 1.7004	1.5847 1.7374	1.6417	Ave		1.6337			0.0500	5.5		15.0			
Nitrobenzene-d5 (Surr)	0.4482 0.4312	0.4109 0.4568	0.4121 0.4780	0.4232 0.4712	0.4340	Ave		0.4406			0.0500	5.5		15.0			
2-Fluorobiphenyl (Surr)	1.3856 1.4084	1.3707 1.4270	1.4221 1.5418	1.3878 1.5715	1.3860	Ave		1.4334			0.0500	5.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69576

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 13:47 Calibration End Date: 12/20/2012 16:55 Calibration ID: 12941

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,4,6-Tribromophenol (Surr)	0.1384	0.0972 0.1463	0.1177 0.1537	0.1279 0.1553	0.1395	Ave		0.1345			0.0500	15.0		15.0			
Terphenyl-d14 (Surr)	0.8530 0.7992	0.7593 0.8350	0.7729 0.8738	0.8016 0.8736	0.7974	Ave		0.8184			0.0500	5.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69576

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 13:47 Calibration End Date: 12/20/2012 16:55 Calibration ID: 12941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-69576/6	21220006.D
Level 2	STD2 240-69576/5	21220005.D
Level 3	STD3 240-69576/4	21220004.D
Level 4	STD4 240-69576/3	21220003.D
Level 5	STD5 240-69576/2	21220002.D
Level 6	STD6 240-69576/10	21220010.D
Level 7	STD7 240-69576/9	21220009.D
Level 8	STD8 240-69576/8	21220008.D
Level 9	STD9 240-69576/7	21220007.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	389606	26507 592728	39884 845342	76308 853691	179833	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Ave	565726	27581 907368	49516 1314443	100304 1294741	267246	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	1011026	47629 1589862	84682 2358540	187204 2309707	492007	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Ethyl methacrylate	DCB	Ave	799836	44136 1245666	78258 1794987	153511 1783332	384409	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Chloropropionitrile	DCB	Ave	783605	35914 1275258	65694 1819270	144839 1809718	379191	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Malononitrile	DCB	Ave	1165876	46620 1940823	98083 2846337	212971 2852208	570281	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Ave	9068 965142	49846 1361531	93491 1720625	203039 1592617	485974	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol	DCB	Ave	1255107	56057 1931453	115788 2842149	236229 2782155	596209	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	1642745	75283 2545209	145354 3628133	305197 3656863	769695	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	1174915	60581 1844015	112766 2651768	229666 2654445	579790	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	976038	44373 1544944	90929 2214958	190522 2207416	468720	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	1252640	62876 1974289	115887 2826008	249648 2815243	600454	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Qua	1112002	+++++ 1901206	65355 2848692	179400 2792366	535735	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
1,4-Dichlorobenzene	DCB	Ave	1035815	50111 1664549	98791 2346933	199865 2395973	504289	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69576

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 13:47 Calibration End Date: 12/20/2012 16:55 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzyl alcohol	DCB	Ave	616471	28114 966270	54268 1395777	114098 1400111	298908	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dichlorobenzene	DCB	Ave	1210285	60782 1875831	112026 2663205	234887 2713424	580107	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	906400	39897 1421636	77322 2035000	173107 2042833	429464	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
bis (2-chloroisopropyl) ether	DCB	Ave	1679188	85056 2615147	156986 3791120	337967 3802183	828400	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3 & 4 Methylphenol	DCB	Ave	946415	46874 1502619	86993 2175565	176038 2173792	454181	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	723351	31235 1134825	66625 1611667	136583 1622895	349149	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	1376169	65703 2158672	127481 3091980	265670 3141474	651329	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	493102	24778 775638	45828 1113757	94193 1126908	238610	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene	NPT	Ave	1334854	59163 2125565	119839 3055559	250851 3036837	630965	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Isophorone	NPT	Ave	1883450	86258 3067993	178573 4478203	358724 4489379	924885	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Ave	509518	17446 779476	37714 1156475	89854 1166957	241354	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3,5-Trichlorobenzene	NPT	Ave	1016245	52999 1615823	93855 2244077	202285 2306367	487455	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	985425	46174 1542165	91401 2189369	189342 2223777	485134	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethoxy)methane	NPT	Ave	1428889	66917 2271199	136747 3298779	274815 3239139	689456	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	797571	31754 1268333	66183 1791621	148297 1806669	376602	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	1034405	49961 1602557	94189 2334738	198820 2331291	488487	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Naphthalene	NPT	Ave	26497 2813217	141722 4450038	253148 6321272	537748 6259631	1349436	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	1201804	52552 1911976	107943 2745528	232292 2787171	570672	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	553853	28568 870905	52834 1239603	107000 1252096	256892	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Caprolactam	NPT	Ave	263138	10209 400102	22649 563097	51353 551340	141953	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloro-3-methylphenol	NPT	Ave	836419	34291 1329286	71135 1934952	159178 1941907	406864	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69576

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 13:47 Calibration End Date: 12/20/2012 16:55 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,4-Dinitrophenol	ANT	Qua	517938	+++++ 797204	21815 1254569	70061 1184333	237495	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
2-Methylnaphthalene	NPT	Ave	16524 1855211	86842 2913071	170224 4220039	359727 4254799	900565	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1-Methylnaphthalene	NPT	Ave	15165 1728063	85531 2729919	160425 3991903	337236 3979891	817280	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,3,5-Tetrachlorobenzene	ANT	Ave	994439	51367 1539864	92347 2212677	186085 2211059	477751	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorocyclopentadiene	ANT	Ave	588105	23622 952941	49155 1387363	112429 1444927	298596	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Trichlorophenol	ANT	Ave	566491	23760 906372	44237 1319553	101481 1302741	264287	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,6-Dinitro-2-methylphenol	PHN	Qua	331389	+++++ 549732	16767 832078	47180 809696	150691	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
2,4,5-Trichlorophenol	ANT	Ave	601462	26053 987009	49549 1399484	114167 1418284	292578	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Toluene diamine	NPT	Ave	538490	26262 751195	59625 1016617	122319 1099597	303358	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,1'-Biphenyl	ANT	Ave	20760 2243288	110816 3541716	212825 5060741	422519 5171862	1106375	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chloronaphthalene	ANT	Ave	18823 2177502	101981 3430116	198200 5009547	412301 5013766	1018585	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitroaniline	ANT	Ave	642091	23267 1037126	50063 1507114	112588 1516309	308297	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dimethyl phthalate	ANT	Ave	1991385	90736 3216427	178746 4653092	372898 4688930	947788	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dinitrotoluene	ANT	Qua	532105	17453 848149	38386 1244248	90193 1245170	238939	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dinitrobenzene	ANT	Qua	269613	8152 432575	20145 620387	44324 616811	120592	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthylene	ANT	Ave	23514 2982314	125910 4709286	253336 6601738	540583 6780546	1363557	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Nitroaniline	ANT	Ave	503829	17272 836080	42438 1208479	92591 1206771	244174	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthene	ANT	Ave	18204 1721750	82736 2712921	166180 3880649	330305 3935098	833543	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitrophenol	ANT	Qua	305064	9636 505640	23425 737648	52593 742261	141577	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrotoluene	ANT	Qua	712337	21072 1167716	51478 1691520	122378 1680879	332893	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenzofuran	ANT	Ave	25918 2541022	119935 4103148	240077 5944567	492011 5953306	1201456	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69576

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 13:47 Calibration End Date: 12/20/2012 16:55 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,3,5,6-Tetrachlorophenol	ANT	Ave	503972	17233 794710	38023 1171273	90211 1162230	234900	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Diethyl phthalate	ANT	Ave	1989402	92824 3195257	180276 4609089	367622 4698931	935405	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chlorophenyl phenyl ether	ANT	Ave	1157912	53547 1848387	110586 2622789	221697 2673524	553318	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Ave	525995	17836 845372	38052 1206040	85142 1198378	250846	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	17575 2059415	104089 3329028	186059 4812282	401260 4791852	991897	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodiphenylamine	PHN	Ave	1524915	65556 2459059	130976 3615704	291322 3606229	723884	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	2344135	101500 3823349	206495 5519452	429277 5601292	1131317	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	2344135	101500 3823349	206495 5519483	429897 5601292	1132028	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	647830	30644 1037870	58679 1472404	123649 1488893	308702	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobenzene	PHN	Ave	6543 631684	29551 986886	59940 1435120	119581 1457245	303337	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Atrazine	PHN	Ave	445834	18708 691807	37822 966415	82861 951828	211706	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Qua	1343039	+++++ 2223573	77469 3375926	200114 3289528	648603	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
Pentachlorophenol	PHN	Ave	803414	23954 1232108	62119 1806484	145282 1774691	381503	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenanthrene	PHN	Ave	28229 2996363	140809 4747402	267036 6710267	559047 6956936	1431100	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	24424 3045852	131823 4962445	267191 7253938	567910 7091388	1440708	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	2934798	123044 4763053	249019 6636266	554618 6786107	1379641	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	3373787	134455 5557115	273490 7567957	612574 7701422	1579938	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3,3'-Dimethoxybenzidine	CRY	Qua	703722	+++++ 1188213	29916 1853271	101000 1788715	324074	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	30264 3323131	142158 5441686	289154 7716245	620296 7640350	1566759	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyrene	CRY	Ave	28355 3474759	157506 5666528	300514 7806162	645409 7745522	1646257	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Ave	1444386	50139 2370037	108424 3459356	255412 3482858	698839	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69576

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 13:47 Calibration End Date: 12/20/2012 16:55 Calibration ID: 12941

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
3,3'-Dichlorobenzidine	CRY	Ave	1185827	40231 1898814	93229 2733875	212192 2721034	560584	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,4'-Methylene bis(2-chloroaniline)	CRY	Qua	570940	17468 911117	40773 1302190	100694 1307308	278457	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-ethylhexyl) phthalate	CRY	Qua	2063920	66202 3383407	155375 4892253	371438 4977048	999795	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]anthracene	CRY	Ave	25477 3054599	134984 4907403	272095 7243171	570375 7267592	1452057	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	25791 2872635	133718 4583301	257527 6587742	535155 6726083	1363111	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Qua	3335279	77079 5664592	203542 8478197	543454 8574021	1691307	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	21557 3024372	120678 4735273	258712 7136813	520857 7210701	1433823	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	22806 3258032	130001 5285146	269051 7555366	602267 7630734	1461143	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Ave	17530 2927922	102437 4736774	227095 7008788	519508 7065369	1377653	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	18738 3055186	113477 4955868	246057 7275353	557646 7343227	1476202	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Ave	16995 2565096	93792 4218978	208512 6230869	465846 6265172	1256054	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[g,h,i]perylene	PRY	Ave	18657 2604286	101056 4184837	221109 6259787	483573 6283712	1264620	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	882268	41499 1414846	75732 2010242	173139 2041401	437346	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	1196655	53071 1863385	110441 2654062	225329 2728154	565183	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	11747 1268557	59609 2038356	113113 2946631	240107 2955279	608100	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	20997 2479283	116343 3952267	233900 5716272	468848 5843640	1169794	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	243706	8247 405137	19353 569782	43196 577603	117768	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	21351 2394384	109267 3873184	212084 5587067	455650 5631709	1136727	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220002.D
Lims ID: std5 tcl
Client ID:
Inject. Date: 20-Dec-2012 13:47:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 5
Sample ID: 240-0016051-002
Misc. Info.: STD5 TCL
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 2
Lims Batch ID: 69576
Lims Sample ID: 2
Sublist: chrom-8270_hp7*sub15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\8270_hp7.m
Last Update: 21-Dec-2012 09:00:52
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm
Date: 20-Dec-2012 14:14:47

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.929	5.929	0.0	76	275406	4.00	
* 2 Naphthalene-d8	136	7.041	7.041	0.0	99	1120955	4.00	
* 3 Acenaphthene-d10	164	8.533	8.533	0.0	91	675211	4.00	
* 4 Phenanthrene-d10	188	9.790	9.790	0.0	98	1101153	4.00	
* 5 Chrysene-d12	240	12.336	12.336	0.0	91	1140395	4.00	
* 6 Perylene-d12	264	14.406	14.406	0.0	92	952170	4.00	
$ 7 2-Fluorophenol	112	4.688	4.688	0.0	93	437346	5.18	
$ 8 Phenol-d5	99	5.570	5.570	0.0	89	565183	5.02	
$ 9 Nitrobenzene-d5	82	6.410	6.410	0.0	92	608100	4.92	
$ 10 2-Fluorobiphenyl (Surr)	172	7.945	7.945	0.0	100	1169794	4.83	
$ 11 2,4,6-Tribromophenol	330	9.197	9.197	0.0	92	117768	5.19	
$ 12 Terphenyl-d14	244	11.143	11.143	0.0	98	1136727	4.87	
24 1,4-Dioxane	88	2.559	2.559	0.0	92	179833	4.62	M
25 N-Nitrosodimethylamine	74	3.030	3.030	0.0	89	267246	4.98	
26 Pyridine	79	3.088	3.088	0.0	89	492007	5.15	M
27 Ethyl methacrylate	69	3.687	3.687	0.0	89	384409	4.93	
28 3-Chloropropionitrile	54	4.051	4.051	0.0	85	379191	5.11	
32 Malononitrile	66	4.388	4.388	0.0	97	570281	5.15	M
40 Benzaldehyde	77	5.538	5.538	0.0	89	485974	5.46	
41 Phenol	94	5.581	5.581	0.0	98	596209	5.06	
43 Aniline	93	5.629	5.629	0.0	97	769695	5.03	
44 Bis(2-chloroethyl)ether	93	5.683	5.683	0.0	92	579790	5.07	
46 2-Chlorophenol	128	5.736	5.736	0.0	95	468720	5.04	
47 1,3-Dichlorobenzene	146	5.880	5.880	0.0	95	600454	4.97	
48 1,4-Dichlorobenzene	146	5.945	5.945	0.0	91	504289	5.03	
49 Benzyl alcohol	108	6.041	6.041	0.0	89	298908	5.15	
50 1,2-Dichlorobenzene	146	6.084	6.084	0.0	93	580107	5.02	
51 2-Methylphenol	108	6.126	6.126	0.0	96	429464	5.08	
52 2,2'-oxybis[1-chloropropane]	45	6.159	6.159	0.0	91	828400	5.08	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.255	6.255	0.0	96	454181	5.00	
56 N-Nitrosodi-n-propylamine	70	6.271	6.271	0.0	91	349149	5.14	
57 Acetophenone	105	6.276	6.276	0.0	90	651329	4.96	
60 Hexachloroethane	117	6.383	6.383	0.0	91	238610	5.03	
61 Nitrobenzene	77	6.431	6.431	0.0	87	630965	4.94	
63 Isophorone	82	6.629	6.629	0.0	97	924885	4.97	
65 2-Nitrophenol	139	6.704	6.704	0.0	96	241354	5.26	
66 1,3,5-Trichlorobenzene	180	6.715	6.715	0.0	94	487455	4.88	
64 2,4-Dimethylphenol	107	6.720	6.720	0.0	96	485134	5.09	
69 Benzoic acid	122	6.763	6.763	0.0	88	535735	10.2	M
68 Bis(2-chloroethoxy)methane	93	6.806	6.806	0.0	96	689456	4.94	M
71 2,4-Dichlorophenol	162	6.907	6.907	0.0	97	376602	5.06	
72 1,2,4-Trichlorobenzene	180	6.988	6.988	0.0	93	488487	4.90	
73 Naphthalene	128	7.062	7.062	0.0	96	1349436	4.93	
74 4-Chloroaniline	127	7.089	7.089	0.0	82	570672	4.94	
77 Hexachlorobutadiene	225	7.159	7.159	0.0	93	256892	4.75	
78 1,2,3-Trichlorobenzene	180	7.180	7.180	0.0	89	460043	0	
83 Caprolactam	113	7.367	7.367	0.0	71	141953	5.76	
84 4-Chloro-3-methylphenol	107	7.480	7.480	0.0	95	406864	5.11	
85 2-Methylnaphthalene	142	7.645	7.645	0.0	91	900565	5.01	
86 1-Methylnaphthalene	142	7.731	7.731	0.0	83	817280	4.85	
88 Hexachlorocyclopentadiene	237	7.774	7.774	0.0	86	298596	5.23	
87 1,2,3,5-Tetrachlorobenzene	216	7.774	7.774	0.0	90	477751	4.93	
90 2,4,6-Trichlorophenol	196	7.875	7.875	0.0	92	264287	4.97	
91 2,4,5-Trichlorophenol	196	7.902	7.902	0.0	93	292578	5.04	
94 2,4-Toluene diamine	121	8.015	8.015	0.0	96	303358	5.69	
96 1,2,3,4 -Tetrachlorobenzene	216	8.031	8.031	0.0	87	460507	0	
95 1,1'-Biphenyl	154	8.036	8.036	0.0	94	1106375	4.98	
98 2-Chloronaphthalene	162	8.063	8.063	0.0	97	1018585	4.83	
100 2-Nitroaniline	65	8.132	8.132	0.0	77	308297	5.16	
103 Dimethyl phthalate	163	8.271	8.271	0.0	97	947788	4.89	
105 2,6-Dinitrotoluene	165	8.330	8.330	0.0	87	238939	4.96	
106 1,2-Dinitrobenzene	168	8.378	8.378	0.0	87	120592	4.89	
107 Acenaphthylene	152	8.416	8.416	0.0	92	1363557	4.92	
108 3-Nitroaniline	138	8.475	8.475	0.0	90	244174	5.11	
110 Acenaphthene	153	8.560	8.560	0.0	88	833543	4.82	
109 2,4-Dinitrophenol	184	8.560	8.560	0.0	65	237495	10.3	
111 4-Nitrophenol	109	8.587	8.587	0.0	94	141577	5.04	
112 2,4-Dinitrotoluene	165	8.672	8.672	0.0	84	332893	5.04	
114 Dibenzofuran	168	8.704	8.704	0.0	87	1201456	4.71	
115 2,3,5,6-Tetrachlorophenol	232	8.763	8.763	0.0	88	234900	5.10	
119 Diethyl phthalate	149	8.865	8.865	0.0	96	935405	4.83	
121 4-Chlorophenyl phenyl ether	204	8.983	8.983	0.0	92	553318	4.89	
124 Fluorene	166	8.993	8.993	0.0	84	991897	4.88	
123 4-Nitroaniline	138	8.988	8.988	0.0	83	250846	5.30	
126 4,6-Dinitro-2-methylphenol	198	9.015	9.015	0.0	77	150691	4.87	
130 N-Nitrosodiphenylamine	169	9.074	9.074	0.0	0	723884	4.85	
129 1,2-Diphenylhydrazine	77	9.116	9.116	0.0	0	1131317	4.92	
131 Azobenzene	77	9.116	9.116	0.0	99	1132028	4.92	
137 4-Bromophenyl phenyl ether	248	9.394	9.394	0.0	68	308702	4.84	
139 Hexachlorobenzene	284	9.459	9.459	0.0	87	303337	4.77	
140 Atrazine	200	9.507	9.507	0.0	90	211706	5.04	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.614	9.614	0.0	86	381503	10.5	
146 Phenanthrene	178	9.812	9.812	0.0	96	1431100	4.84	
147 Anthracene	178	9.854	9.854	0.0	98	1440708	4.88	
149 Carbazole	167	9.977	9.977	0.0	82	1379641	4.88	
151 Di-n-butyl phthalate	149	10.234	10.234	0.0	100	1579938	4.94	
157 Fluoranthene	202	10.817	10.817	0.0	98	1566759	4.83	
158 Benzidine	184	10.913	10.913	0.0	98	648603	5.19	
160 Pyrene	202	11.026	11.026	0.0	97	1646257	4.99	
166 Butyl benzyl phthalate	149	11.620	11.620	0.0	97	698839	5.22	
170 3,3'-Dimethoxybenzidine	244	12.224	12.224	0.0	92	324074	5.07	
173 3,3'-Dichlorobenzidine	252	12.267	12.267	0.0	72	560584	5.17	
172 4,4'-Methylene bis(2-chloroanili	231	12.267	12.267	0.0	70	278457	5.18	
171 Bis(2-ethylhexyl) phthalate	149	12.288	12.288	0.0	97	999795	5.16	
175 Benzo[a]anthracene	228	12.320	12.320	0.0	92	1452057	4.93	
176 Chrysene	228	12.368	12.368	0.0	94	1363111	4.88	
178 Di-n-octyl phthalate	149	13.192	13.192	0.0	99	1691307	5.31	
180 Benzo[b]fluoranthene	252	13.823	13.823	0.0	94	1433823	5.04	
181 Benzo[k]fluoranthene	252	13.866	13.866	0.0	99	1461143	4.79	
182 Benzo[a]pyrene	252	14.321	14.321	0.0	76	1377653	5.15	
186 Indeno[1,2,3-cd]pyrene	276	16.054	16.054	0.0	94	1476202	5.20	
187 Dibenz(a,h)anthracene	278	16.086	16.086	0.0	62	1256054	5.20	
188 Benzo[g,h,i]perylene	276	16.503	16.503	0.0	91	1264620	5.09	
S 189 Methyl Phenols,Total	100				0		5.08	

QC Flag Legend

Review Flags
M - Manually Integrated

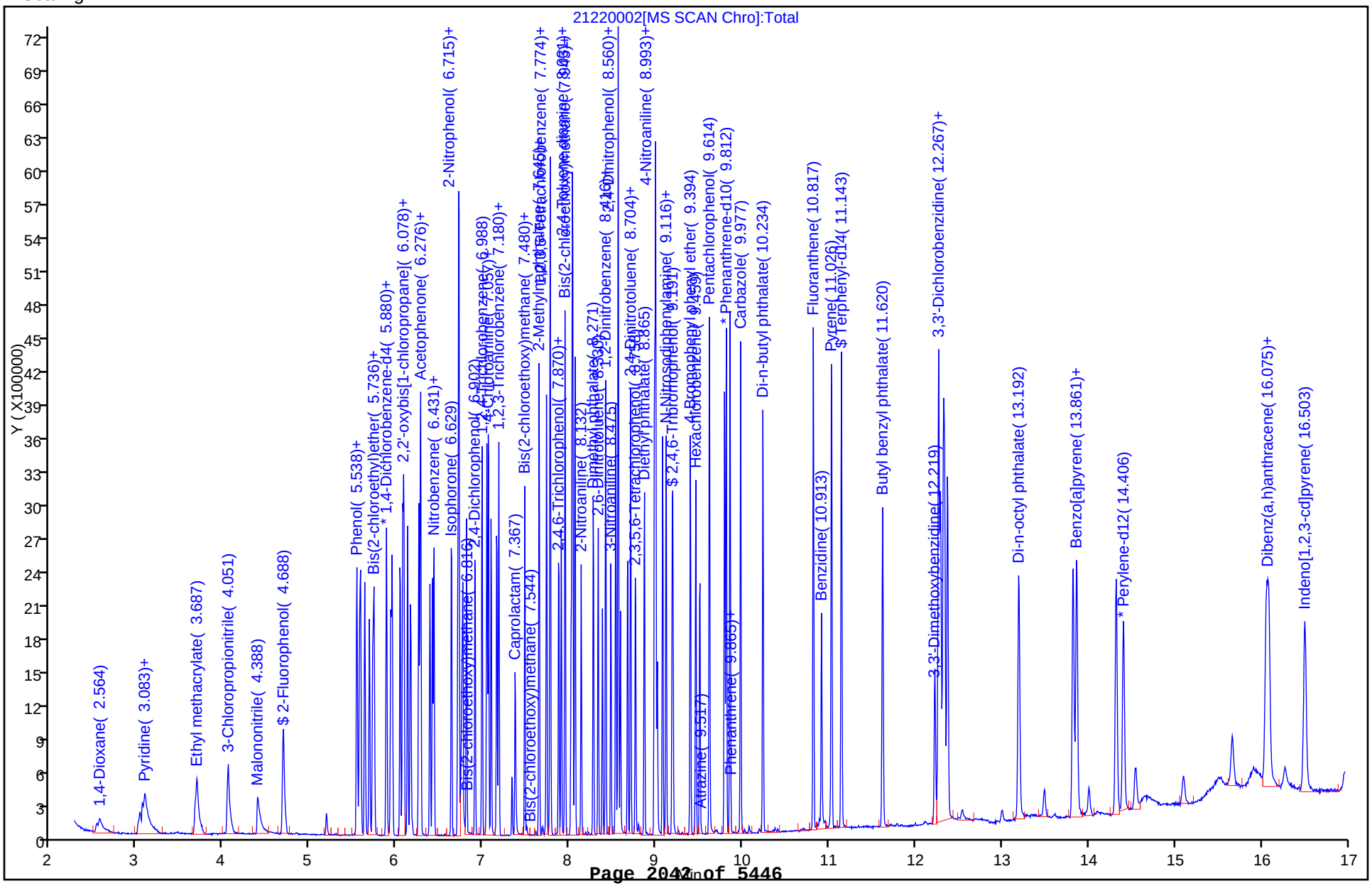
Report Date: 21-Dec-2012 09:00:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220002.D

Injection Date:	20-Dec-2012 13:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

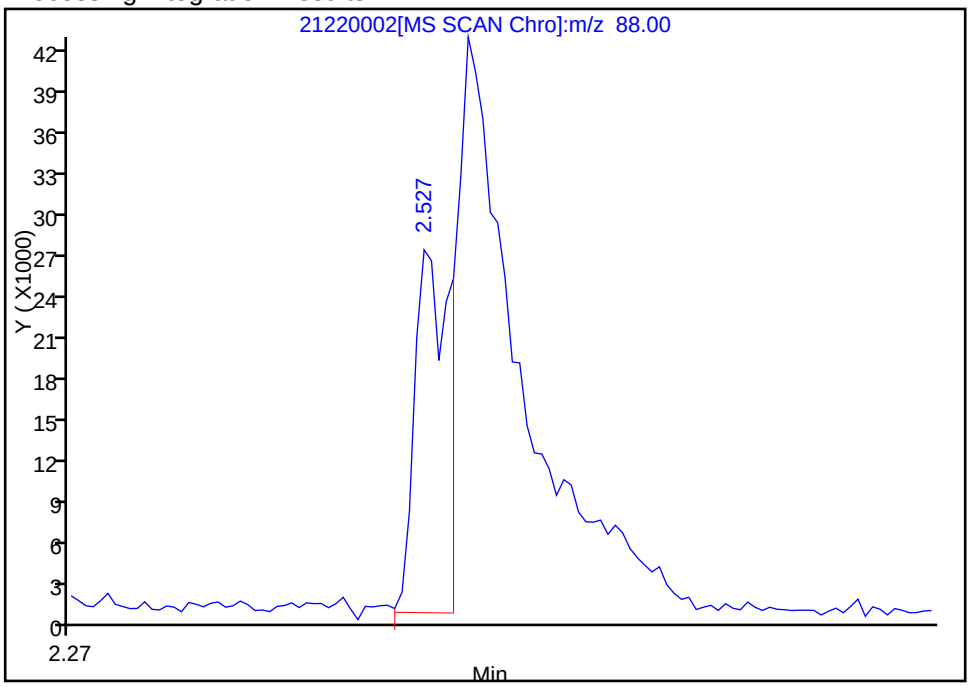
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220002.D		
Injection Date:	20-Dec-2012 13:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.56

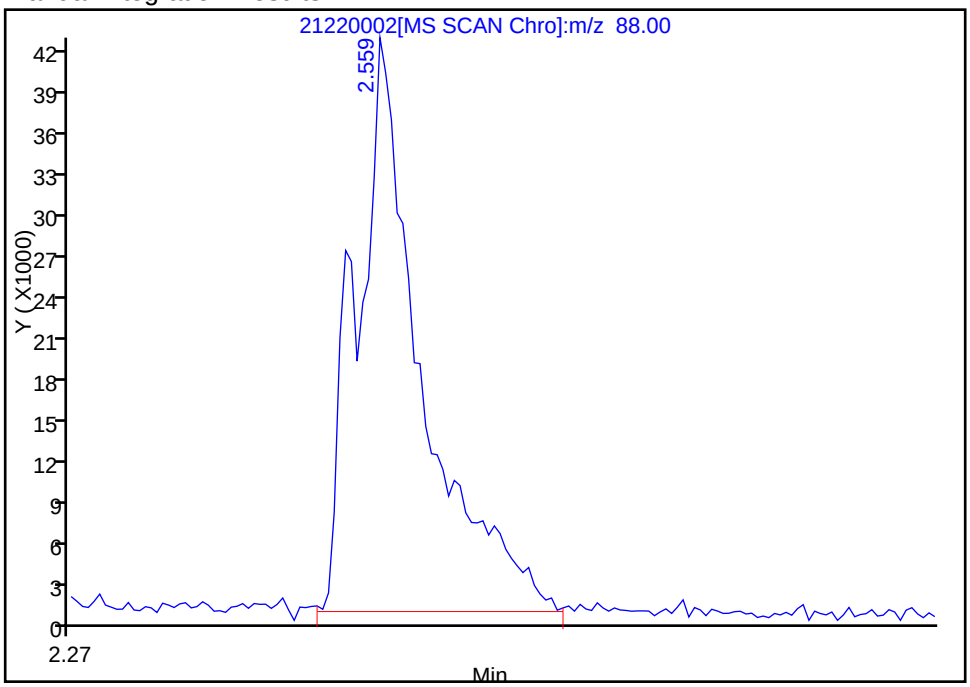
Processing Integration Results

RT: 2.53
Response: 47641
Amount: 5.000000



Manual Integration Results

RT: 2.56
Response: 179833
Amount: 4.616277



Reviewer: ulmanm, 20-Dec-2012 14:14:47
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

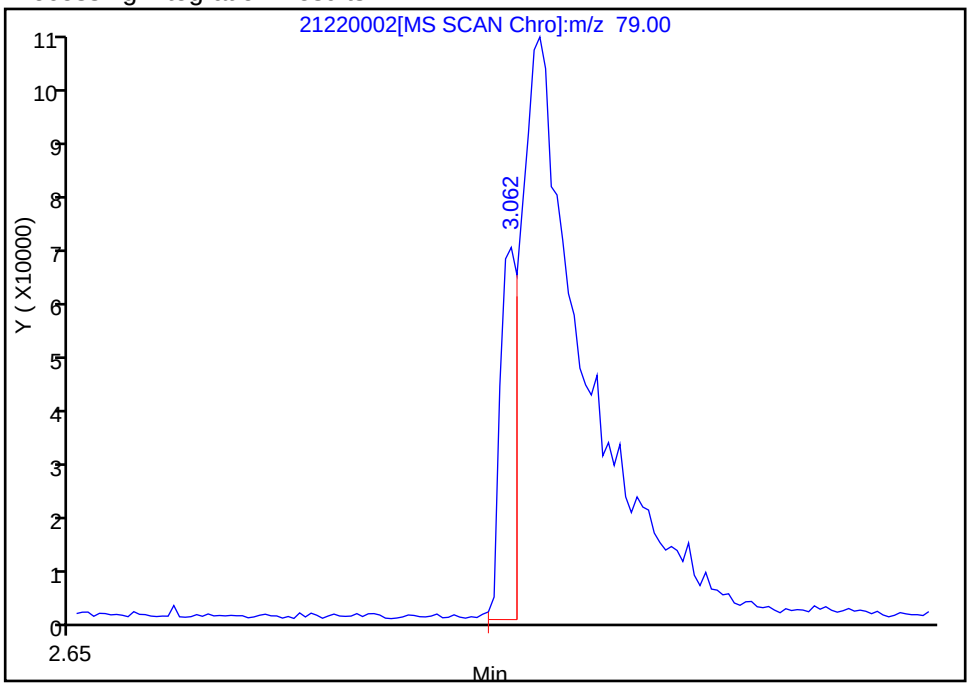
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220002.D		
Injection Date:	20-Dec-2012 13:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.09

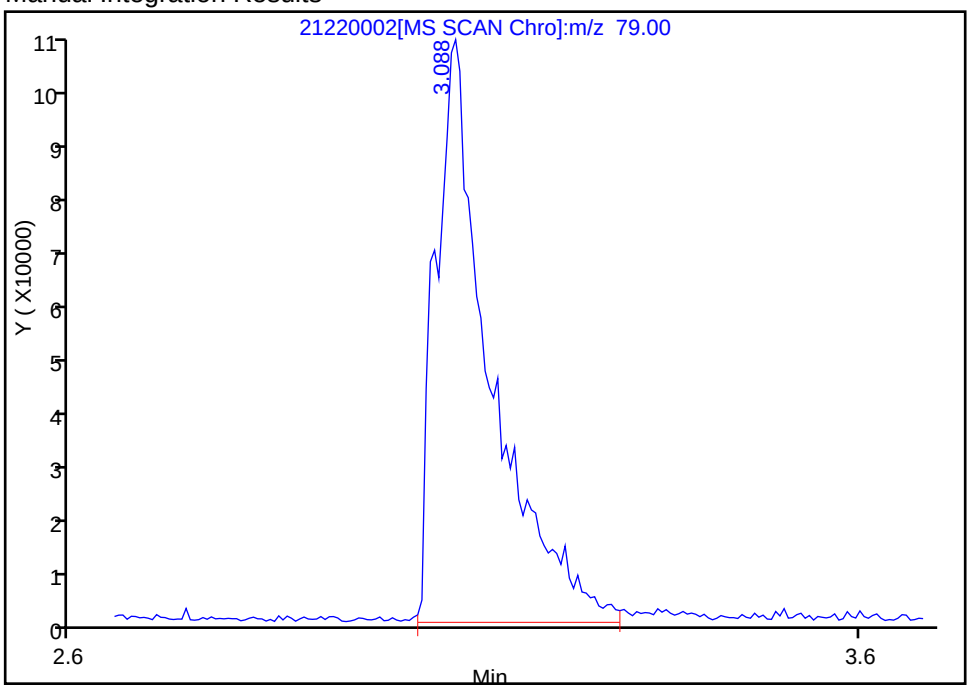
Processing Integration Results

RT: 3.06
Response: 74659
Amount: 5.000000



Manual Integration Results

RT: 3.09
Response: 492007
Amount: 5.148600



Reviewer: ulmanm, 20-Dec-2012 14:14:47
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

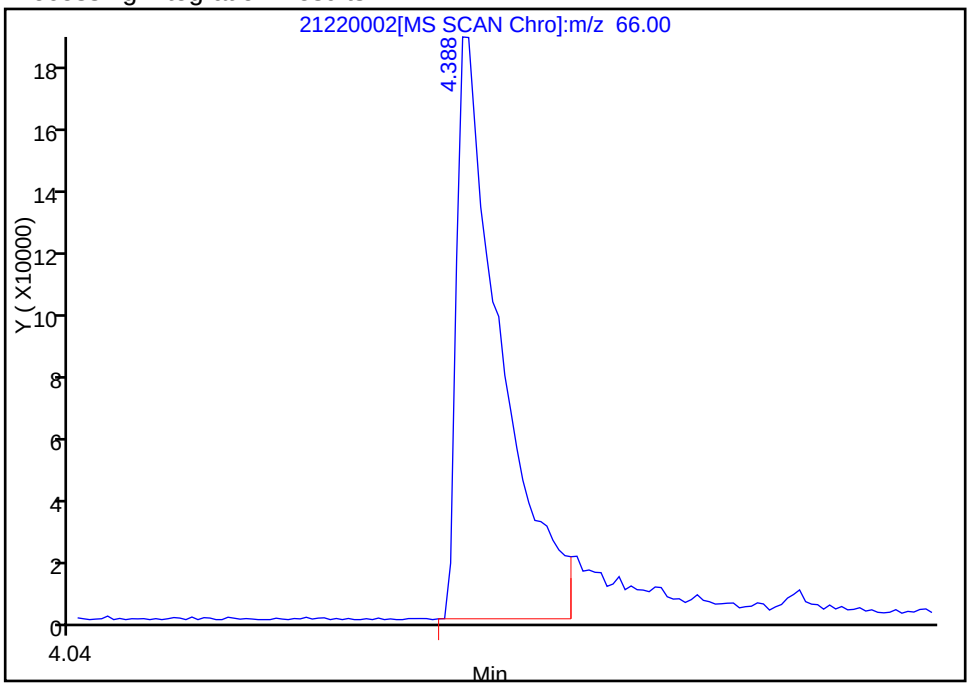
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220002.D		
Injection Date:	20-Dec-2012 13:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

32 Malononitrile, Signal: 1, m/z: 66.0 Type: quant, RT: 4.39

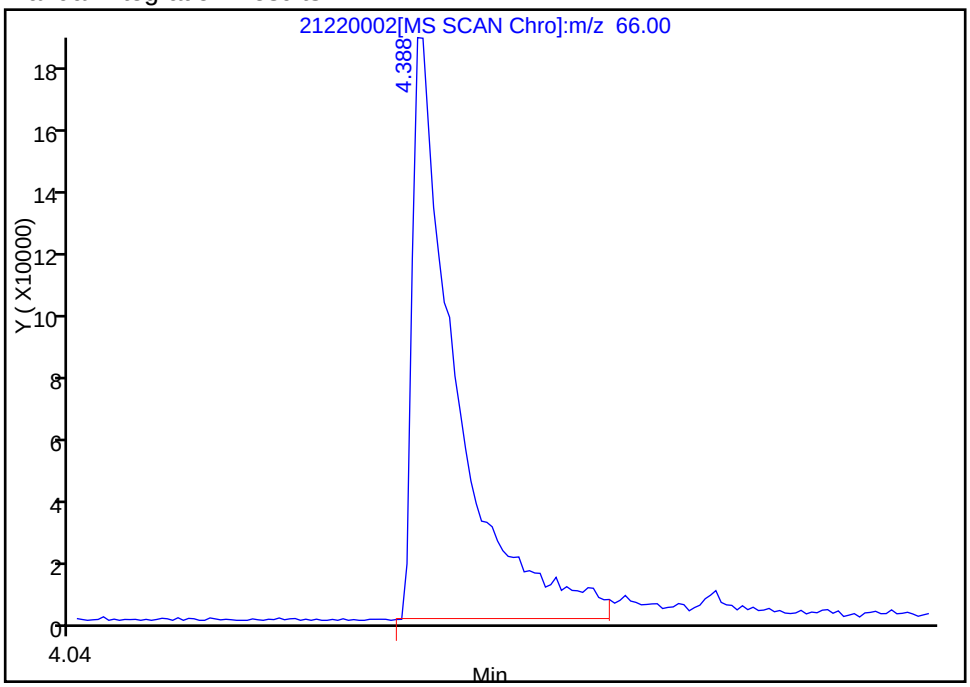
Processing Integration Results

RT: 4.39
Response: 508722
Amount: 5.000000



Manual Integration Results

RT: 4.39
Response: 570281
Amount: 5.148312



Reviewer: ulmanm, 20-Dec-2012 14:14:47
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Report Date: 21-Dec-2012 09:00:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

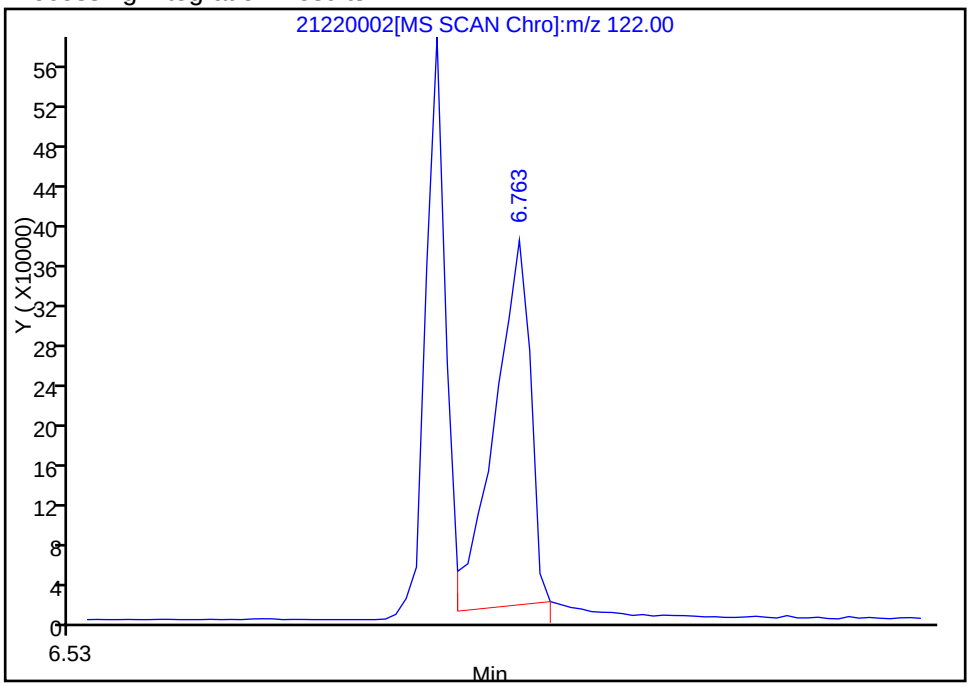
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220002.D		
Injection Date:	20-Dec-2012 13:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

69 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.76

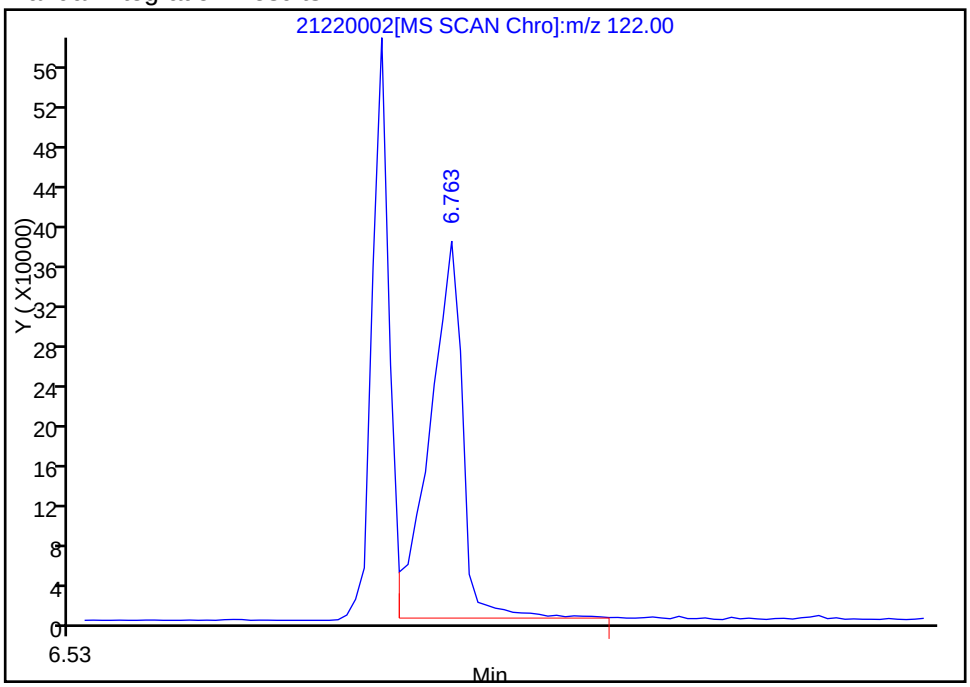
Processing Integration Results

RT: 6.76
Response: 479023
Amount: 15.580372



Manual Integration Results

RT: 6.76
Response: 535735
Amount: 10.155847



Reviewer: ulmanm, 20-Dec-2012 14:14:47
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

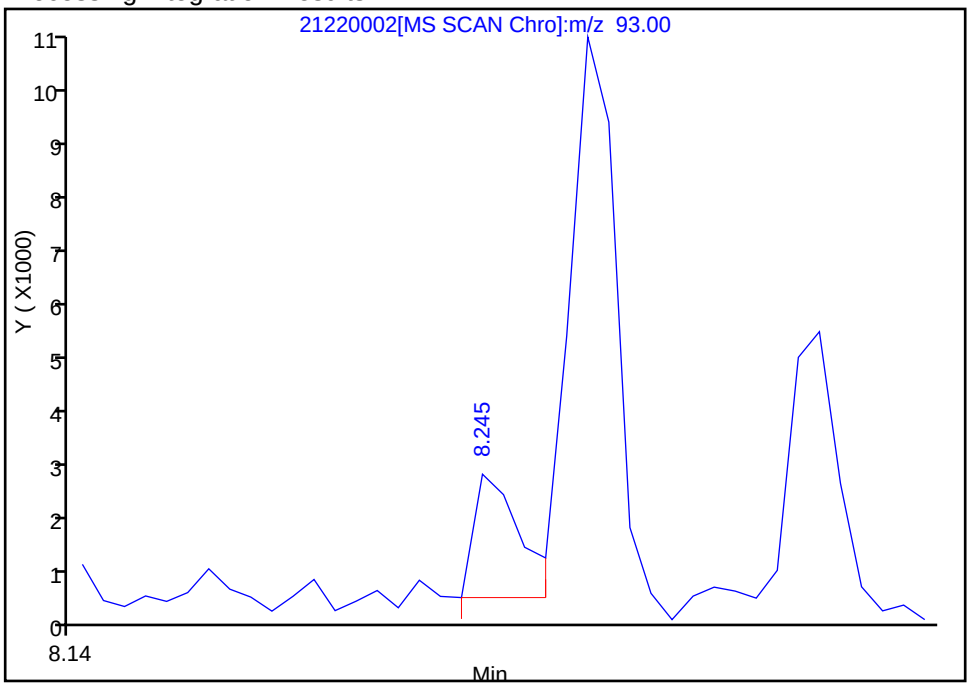
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220002.D		
Injection Date:	20-Dec-2012 13:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

68 Bis(2-chloroethoxy)methane, Signal: 1, m/z: 93.0 Type: quant, RT: 6.81

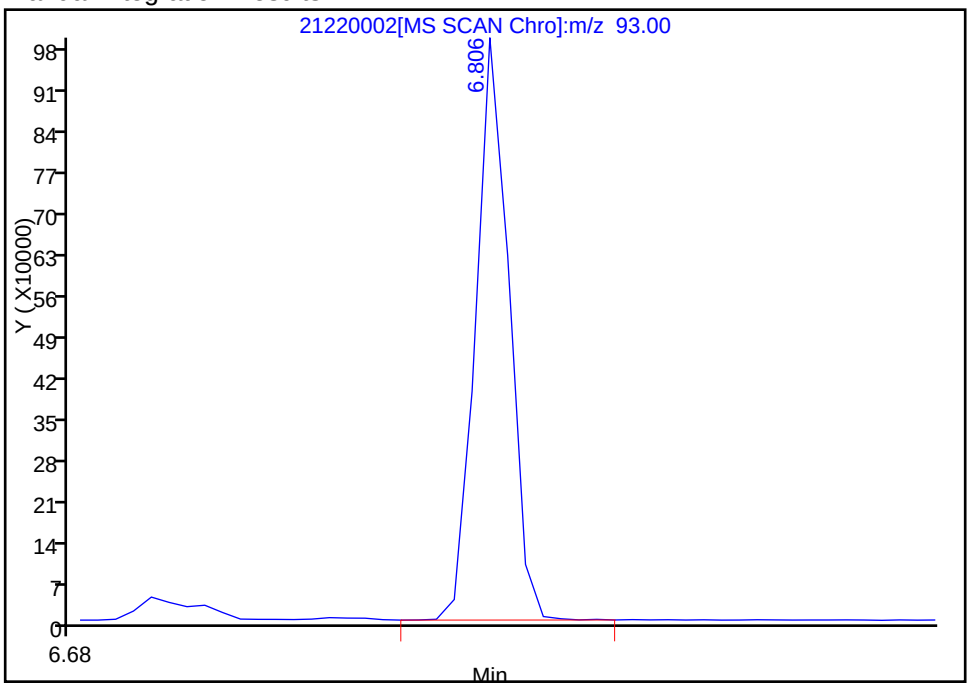
Processing Integration Results

RT: 8.24
Response: 1865
Amount: 0.019576



Manual Integration Results

RT: 6.81
Response: 689456
Amount: 4.942511



Reviewer: ulmanm, 20-Dec-2012 14:14:47
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220003.D
Lims ID: std4 tcl
Client ID:
Inject. Date: 20-Dec-2012 14:11:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 4
Sample ID: 240-0016051-003
Misc. Info.: STD4 TCL
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 69576
Lims Sample ID: 3
Sublist: chrom-8270_hp7*sub15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\8270_hp7.m
Last Update: 21-Dec-2012 09:00:54
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm
Date: 20-Dec-2012 14:36:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.929	5.929	0.0	97	284382	4.00	
* 2 Naphthalene-d8	136	7.041	7.041	0.0	100	1134758	4.00	
* 3 Acenaphthene-d10	164	8.533	8.533	0.0	89	675681	4.00	
* 4 Phenanthrene-d10	188	9.790	9.790	0.0	98	1087979	4.00	
* 5 Chrysene-d12	240	12.336	12.336	0.0	94	1136900	4.00	
* 6 Perylene-d12	264	14.401	14.406	-0.005	91	936841	4.00	
$ 7 2-Fluorophenol	112	4.688	4.688	0.0	93	173139	1.98	
$ 8 Phenol-d5	99	5.570	5.570	0.0	88	225329	1.94	
$ 9 Nitrobenzene-d5	82	6.410	6.410	0.0	92	240107	1.92	
$ 10 2-Fluorobiphenyl (Surr)	172	7.945	7.945	0.0	100	468848	1.94	
$ 11 2,4,6-Tribromophenol	330	9.197	9.197	0.0	92	43196	1.90	
$ 12 Terphenyl-d14	244	11.144	11.143	0.001	98	455650	1.96	
24 1,4-Dioxane	88	2.564	2.559	0.005	91	76308	1.90	M
25 N-Nitrosodimethylamine	74	3.035	3.030	0.005	87	100304	1.81	
26 Pyridine	79	3.089	3.088	0.001	86	187204	1.90	M
27 Ethyl methacrylate	69	3.688	3.687	0.001	91	153511	1.91	
28 3-Chloropropionitrile	54	4.051	4.051	0.0	85	144839	1.89	
32 Malononitrile	66	4.399	4.388	0.011	97	212971	1.86	M
40 Benzaldehyde	77	5.538	5.538	0.0	92	203039	2.21	
41 Phenol	94	5.581	5.581	0.0	96	236229	1.94	
43 Aniline	93	5.629	5.629	0.0	96	305197	1.93	
44 Bis(2-chloroethyl)ether	93	5.683	5.683	0.0	94	229666	1.95	
46 2-Chlorophenol	128	5.736	5.736	0.0	96	190522	1.98	
47 1,3-Dichlorobenzene	146	5.881	5.880	0.001	95	249648	2.00	
48 1,4-Dichlorobenzene	146	5.945	5.945	0.0	88	199865	1.93	
49 Benzyl alcohol	108	6.036	6.041	-0.005	89	114098	1.90	
50 1,2-Dichlorobenzene	146	6.084	6.084	0.0	80	234887	1.97	
51 2-Methylphenol	108	6.127	6.126	0.001	97	173107	1.98	
52 2,2'-oxybis[1-chloropropane]	45	6.159	6.159	0.0	91	337967	2.01	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.255	6.255	0.0	97	176038	1.88	
56 N-Nitrosodi-n-propylamine	70	6.271	6.271	0.0	90	136583	1.95	
57 Acetophenone	105	6.276	6.276	0.0	88	265670	1.96	
60 Hexachloroethane	117	6.383	6.383	0.0	92	94193	1.92	
61 Nitrobenzene	77	6.431	6.431	0.0	86	250851	1.94	
63 Isophorone	82	6.629	6.629	0.0	98	358724	1.91	
65 2-Nitrophenol	139	6.704	6.704	0.0	95	89854	1.93	
66 1,3,5-Trichlorobenzene	180	6.715	6.715	0.0	89	202285	2.00	
64 2,4-Dimethylphenol	107	6.720	6.720	0.0	96	189342	1.96	
69 Benzoic acid	122	6.747	6.763	-0.016	81	179400	4.14	
68 Bis(2-chloroethoxy)methane	93	6.806	6.806	0.0	95	274815	1.95	
71 2,4-Dichlorophenol	162	6.902	6.907	-0.005	97	148297	1.97	
72 1,2,4-Trichlorobenzene	180	6.988	6.988	0.0	93	198820	1.97	
73 Naphthalene	128	7.057	7.062	-0.005	97	537748	1.94	
74 4-Chloroaniline	127	7.089	7.089	0.0	83	232292	1.99	
77 Hexachlorobutadiene	225	7.154	7.159	-0.005	93	107000	1.95	
78 1,2,3-Trichlorobenzene	180	7.180	7.180	0.0	85	189781	0	
83 Caprolactam	113	7.367	7.367	0.0	72	51353	2.06	
84 4-Chloro-3-methylphenol	107	7.480	7.480	0.0	97	159178	1.98	
85 2-Methylnaphthalene	142	7.646	7.645	0.001	90	359727	1.98	
86 1-Methylnaphthalene	142	7.731	7.731	0.0	86	337236	1.98	
88 Hexachlorocyclopentadiene	237	7.774	7.774	0.0	93	112429	1.97	
87 1,2,3,5-Tetrachlorobenzene	216	7.774	7.774	0.0	95	186085	1.92	
90 2,4,6-Trichlorophenol	196	7.870	7.875	-0.005	95	101481	1.91	
91 2,4,5-Trichlorophenol	196	7.902	7.902	0.0	93	114167	1.97	
94 2,4-Toluene diamine	121	8.015	8.015	0.0	97	122319	2.27	
96 1,2,3,4 -Tetrachlorobenzene	216	8.025	8.031	-0.006	95	188443	0	
95 1,1'-Biphenyl	154	8.036	8.036	0.0	95	422519	1.90	
98 2-Chloronaphthalene	162	8.063	8.063	0.0	97	412301	1.95	
100 2-Nitroaniline	65	8.132	8.132	0.0	77	112588	1.88	
103 Dimethyl phthalate	163	8.271	8.271	0.0	96	372898	1.92	
105 2,6-Dinitrotoluene	165	8.330	8.330	0.0	89	90193	2.03	
106 1,2-Dinitrobenzene	168	8.378	8.378	0.0	87	44324	1.98	
107 Acenaphthylene	152	8.416	8.416	0.0	93	540583	1.95	
108 3-Nitroaniline	138	8.475	8.475	0.001	89	92591	1.94	
110 Acenaphthene	153	8.560	8.560	0.0	89	330305	1.91	
109 2,4-Dinitrophenol	184	8.560	8.560	0.0	54	70061	3.94	
111 4-Nitrophenol	109	8.587	8.587	0.0	93	52593	2.03	
112 2,4-Dinitrotoluene	165	8.667	8.672	-0.005	85	122378	2.03	
114 Dibenzofuran	168	8.705	8.704	0.001	88	492011	1.93	
115 2,3,5,6-Tetrachlorophenol	232	8.758	8.763	-0.005	92	90211	1.96	
119 Diethyl phthalate	149	8.860	8.865	-0.005	96	367622	1.90	
121 4-Chlorophenyl phenyl ether	204	8.983	8.983	0.0	95	221697	1.96	
124 Fluorene	166	8.993	8.993	0.0	77	401260	1.97	
123 4-Nitroaniline	138	8.988	8.988	0.0	82	85142	1.80	
126 4,6-Dinitro-2-methylphenol	198	9.015	9.015	0.0	75	47180	2.05	
130 N-Nitrosodiphenylamine	169	9.074	9.074	0.0	0	291322	1.98	
129 1,2-Diphenylhydrazine	77	9.116	9.116	0.0	0	429277	1.89	
131 Azobenzene	77	9.116	9.116	0.0	99	429897	1.89	
137 4-Bromophenyl phenyl ether	248	9.395	9.394	0.001	68	123649	1.96	
139 Hexachlorobenzene	284	9.459	9.459	0.0	84	119581	1.90	
140 Atrazine	200	9.507	9.507	0.0	91	82861	2.00	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.614	9.614	0.0	80	145282	4.04	
146 Phenanthrene	178	9.812	9.812	0.0	94	559047	1.91	
147 Anthracene	178	9.855	9.854	0.001	97	567910	1.95	
149 Carbazole	167	9.978	9.977	0.001	82	554618	1.99	
151 Di-n-butyl phthalate	149	10.234	10.234	0.0	100	612574	1.94	
157 Fluoranthene	202	10.817	10.817	0.0	97	620296	1.94	
158 Benzidine	184	10.914	10.913	0.001	98	200114	1.97	
160 Pyrene	202	11.026	11.026	0.0	96	645409	1.96	
166 Butyl benzyl phthalate	149	11.620	11.620	0.0	95	255412	1.91	
170 3,3'-Dimethoxybenzidine	244	12.224	12.224	0.0	92	101000	2.08	
173 3,3'-Dichlorobenzidine	252	12.267	12.267	0.0	72	212192	1.96	
172 4,4'-Methylene bis(2-chloroanili	231	12.267	12.267	0.0	69	100694	2.01	
171 Bis(2-ethylhexyl) phthalate	149	12.288	12.288	0.0	97	371438	2.05	
175 Benzo[a]anthracene	228	12.320	12.320	0.0	94	570375	1.94	
176 Chrysene	228	12.368	12.368	0.0	92	535155	1.92	
178 Di-n-octyl phthalate	149	13.197	13.192	0.005	98	543454	1.95	
180 Benzo[b]fluoranthene	252	13.823	13.823	0.0	92	520857	1.86	
181 Benzo[k]fluoranthene	252	13.861	13.866	-0.005	95	602267	2.01	M
182 Benzo[a]pyrene	252	14.321	14.321	0.0	76	519508	1.98	
186 Indeno[1,2,3-cd]pyrene	276	16.054	16.054	0.0	97	557646	2.00	
187 Dibenz(a,h)anthracene	278	16.080	16.086	-0.006	69	465846	1.96	
188 Benzo[g,h,i]perylene	276	16.498	16.503	-0.005	95	483573	1.98	
S 189 Methyl Phenols,Total	100				0		1.98	

QC Flag Legend

Review Flags
M - Manually Integrated

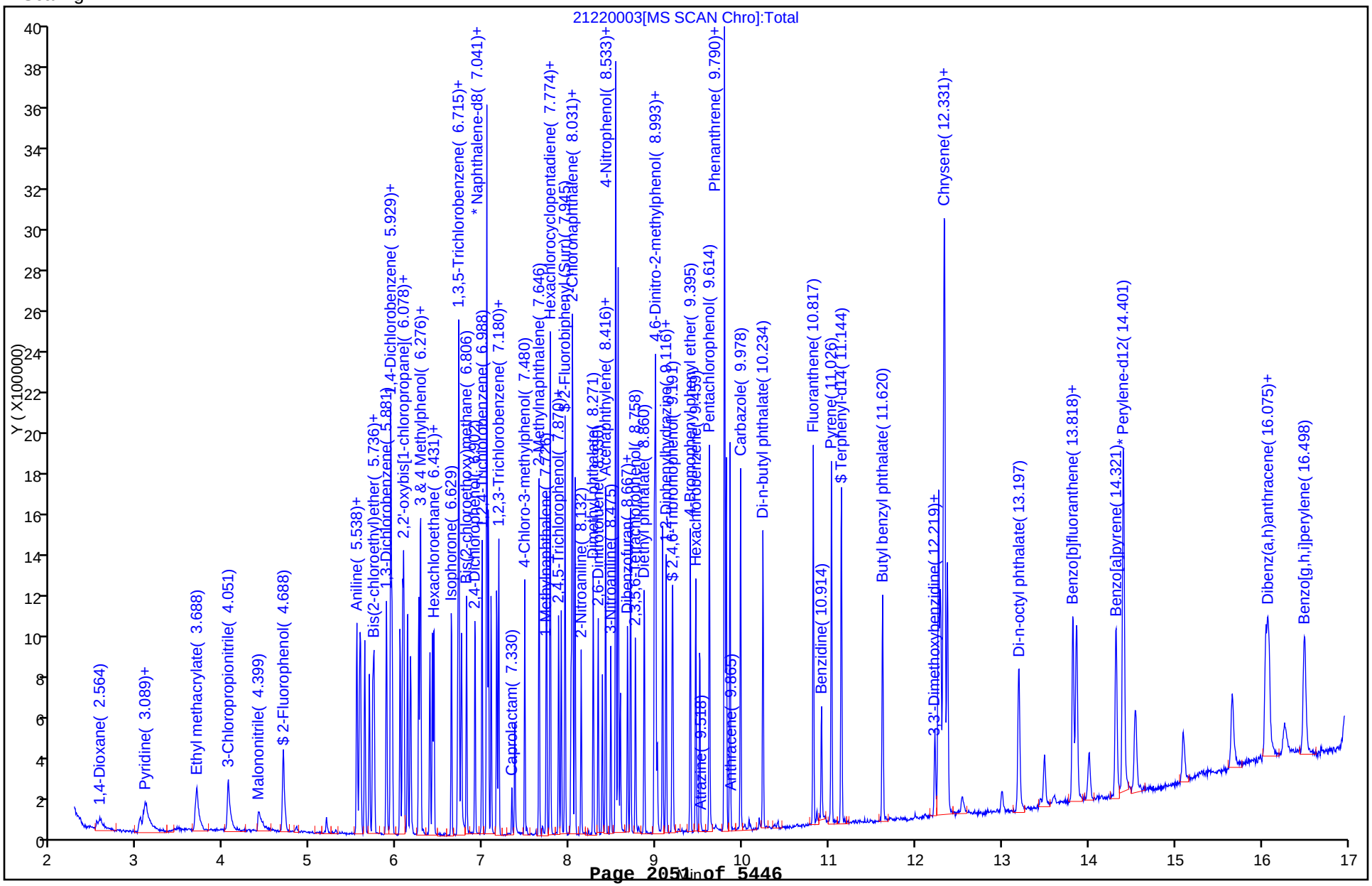
Report Date: 21-Dec-2012 09:00:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220003.D

Injection Date:	20-Dec-2012 14:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

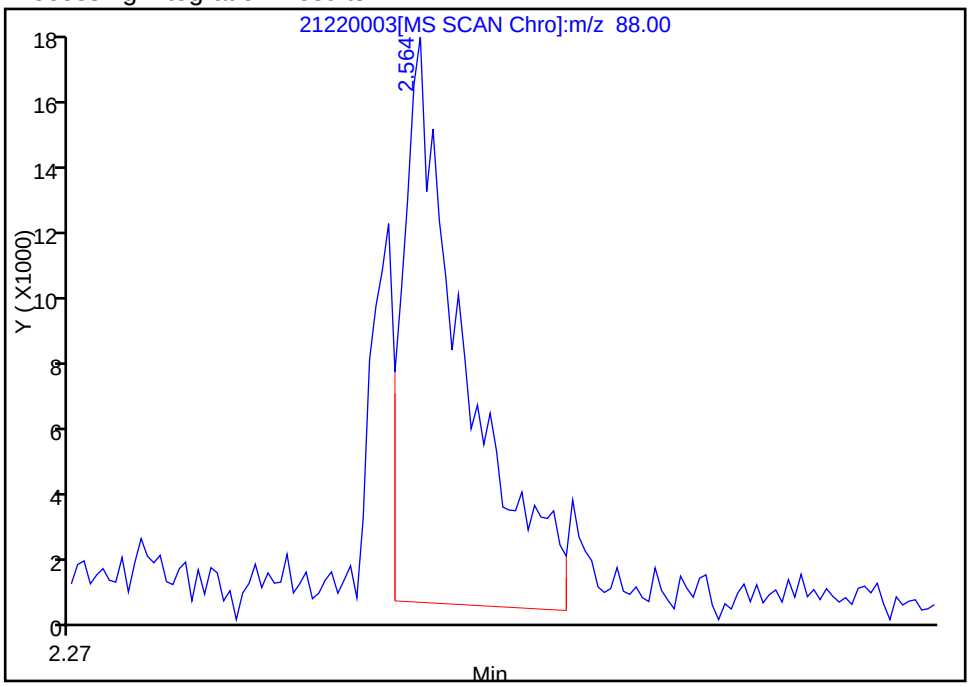
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220003.D		
Injection Date:	20-Dec-2012 14:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.56

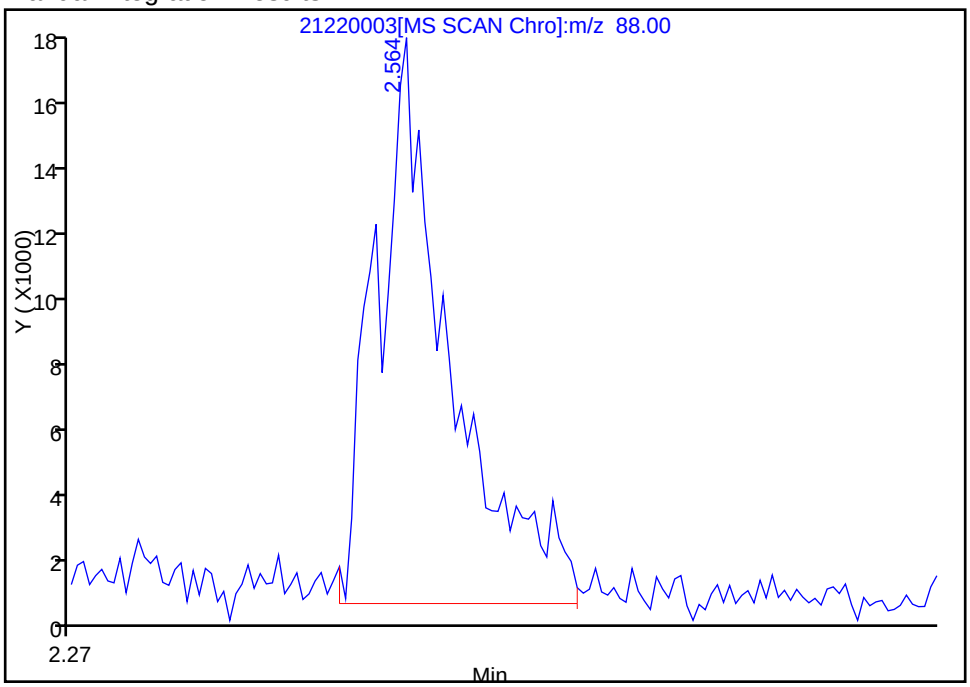
Processing Integration Results

RT: 2.56
Response: 61042
Amount: 1.804380



Manual Integration Results

RT: 2.56
Response: 76308
Amount: 1.896985



Reviewer: ulmanm, 20-Dec-2012 14:36:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

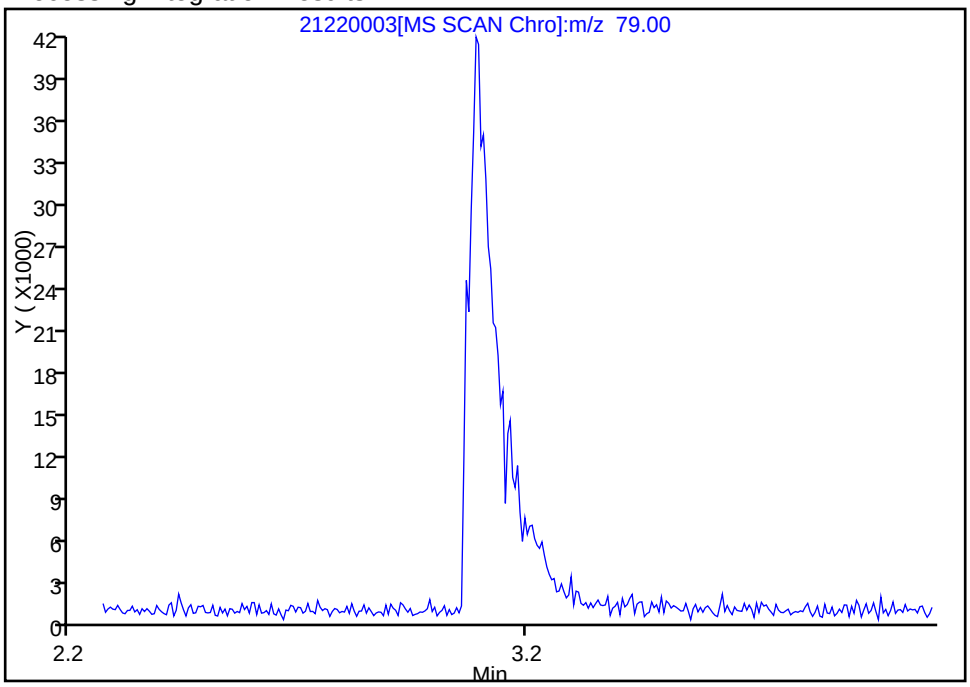
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220003.D		
Injection Date:	20-Dec-2012 14:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.09

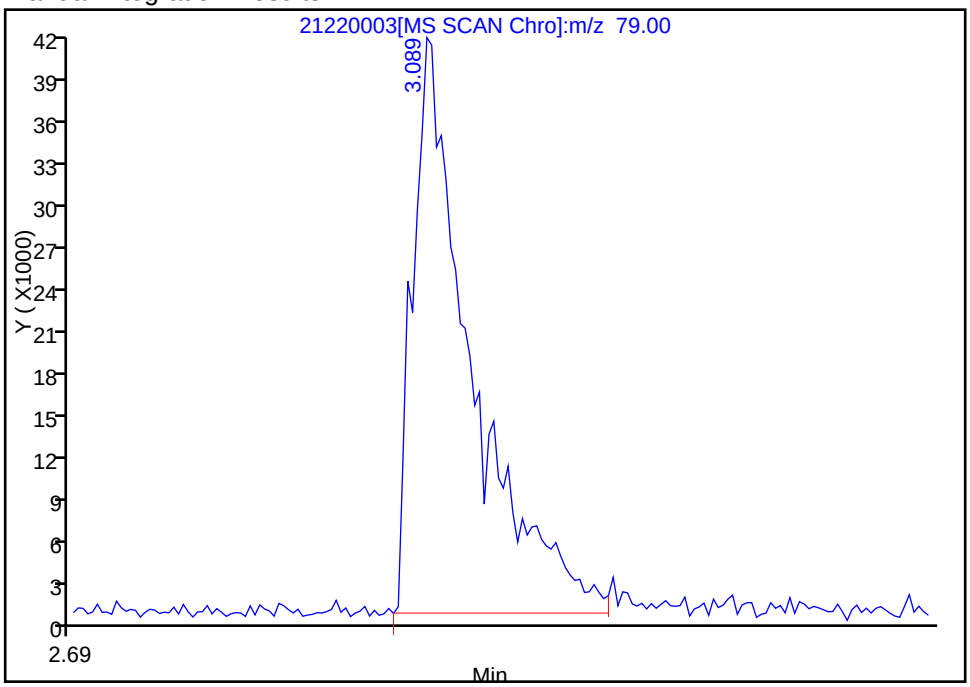
Processing Integration Results

Not Detected
Expected RT: 3.09



Manual Integration Results

RT: 3.09
Response: 187204
Amount: 1.897161



Reviewer: ulmanm, 20-Dec-2012 14:36:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

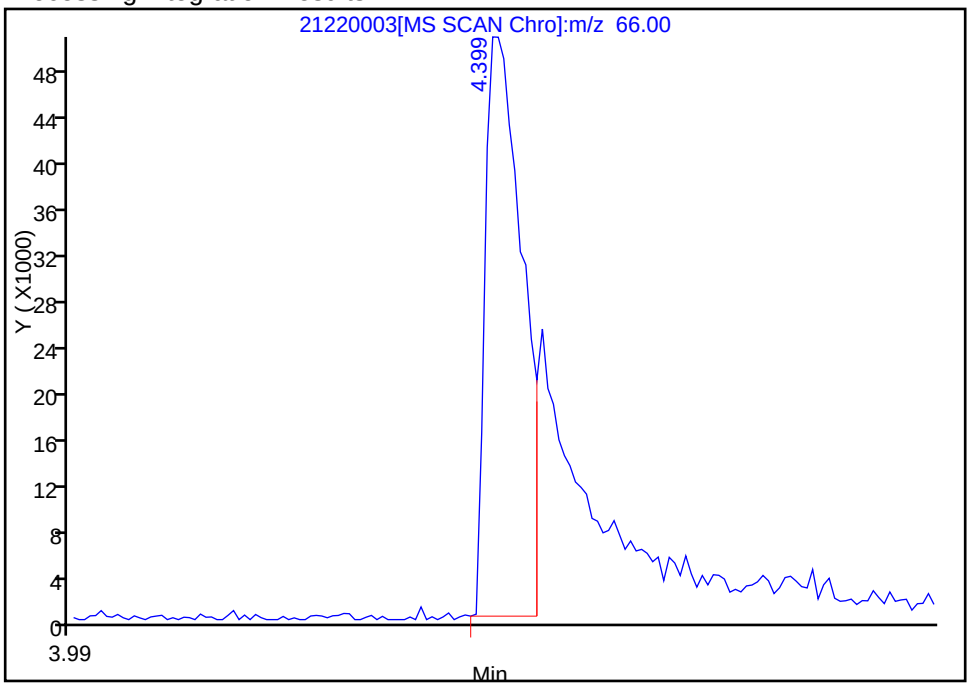
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220003.D		
Injection Date:	20-Dec-2012 14:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

32 Malononitrile, Signal: 1, m/z: 66.0 Type: quant, RT: 4.39

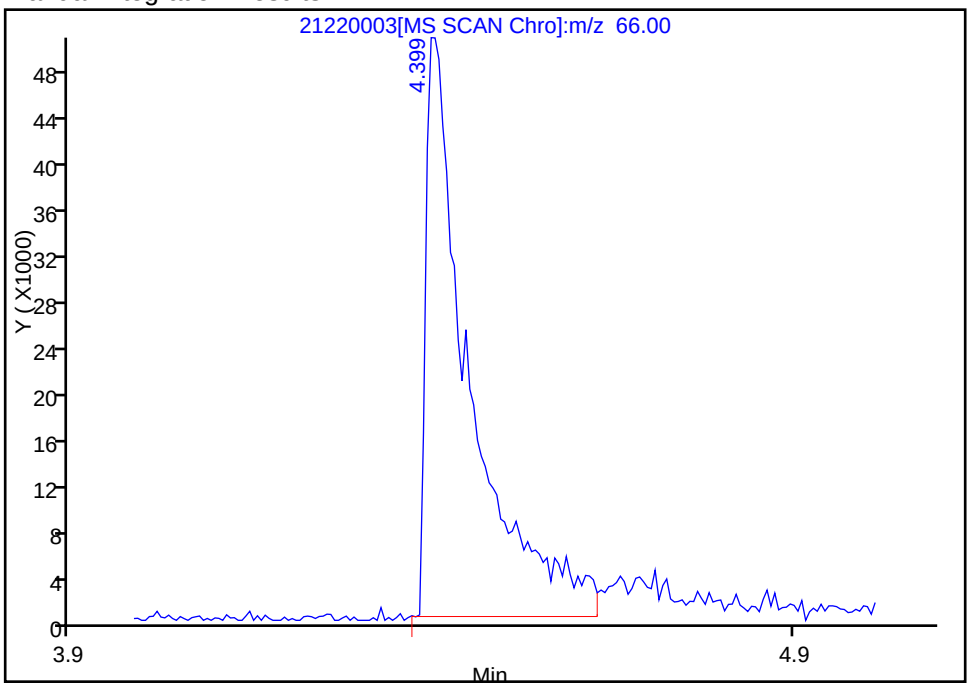
Processing Integration Results

RT: 4.40
Response: 126365
Amount: 1.396638



Manual Integration Results

RT: 4.40
Response: 212971
Amount: 1.861949



Reviewer: ulmanm, 20-Dec-2012 14:36:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Report Date: 21-Dec-2012 09:00:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

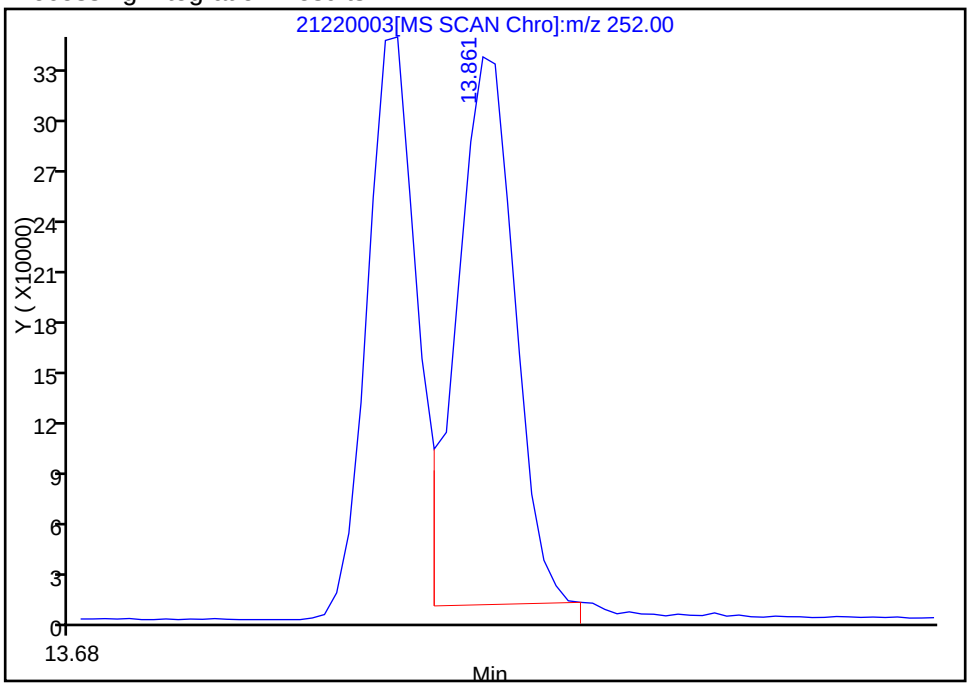
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220003.D		
Injection Date:	20-Dec-2012 14:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.87

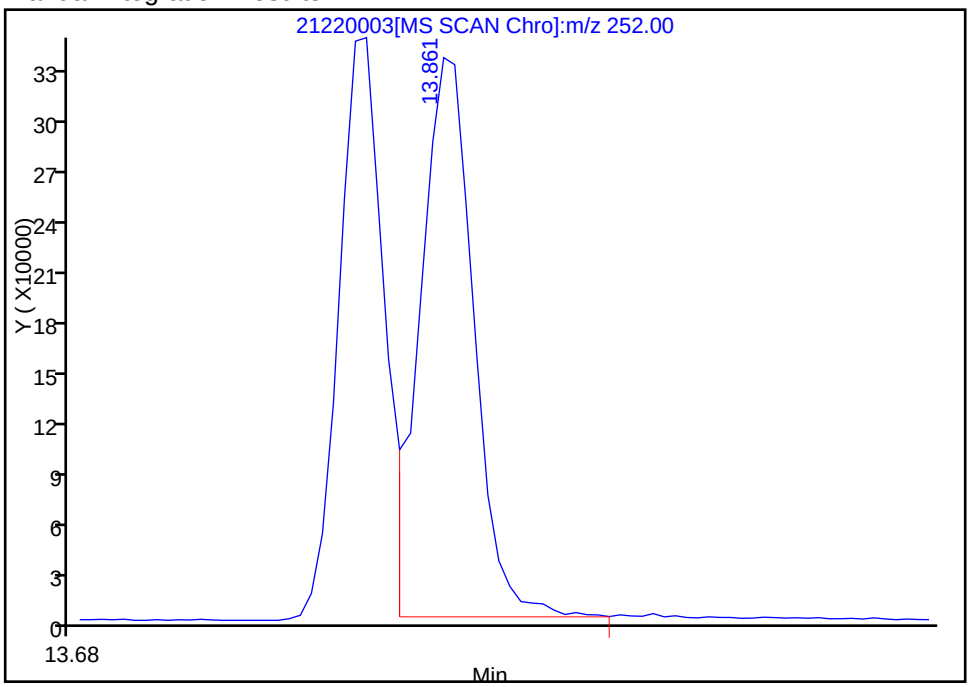
Processing Integration Results

RT: 13.86
Response: 567239
Amount: 2.163305



Manual Integration Results

RT: 13.86
Response: 602267
Amount: 2.006994



Reviewer: ulmanm, 20-Dec-2012 14:40:39
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220004.D
Lims ID: std3 tcl
Client ID:
Inject. Date: 20-Dec-2012 14:34:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 3
Sample ID: 240-0016051-004
Misc. Info.: STD3 TCL
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 4
Lims Batch ID: 69576
Lims Sample ID: 4
Sublist: chrom-8270_hp7*sub15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\8270_hp7.m
Last Update: 21-Dec-2012 09:00:55
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm
Date: 20-Dec-2012 15:03:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.929	5.929	0.0	96	273520	4.00	
* 2 Naphthalene-d8	136	7.041	7.041	0.0	100	1097952	4.00	
* 3 Acenaphthene-d10	164	8.533	8.533	0.0	89	657923	4.00	
* 4 Phenanthrene-d10	188	9.790	9.790	0.0	98	1031313	4.00	
* 5 Chrysene-d12	240	12.336	12.336	0.0	95	1097584	4.00	
* 6 Perylene-d12	264	14.401	14.406	-0.005	92	864589	4.00	
$ 7 2-Fluorophenol	112	4.688	4.688	0.0	93	75732	0.9025	
$ 8 Phenol-d5	99	5.570	5.570	0.0	89	110441	0.9886	
$ 9 Nitrobenzene-d5	82	6.410	6.410	0.0	93	113113	0.9352	
$ 10 2-Fluorobiphenyl (Surr)	172	7.945	7.945	0.0	99	233900	0.99	
$ 11 2,4,6-Tribromophenol	330	9.197	9.197	0.0	83	19353	0.8748	
$ 12 Terphenyl-d14	244	11.144	11.143	0.001	98	212084	0.9444	
24 1,4-Dioxane	88	2.559	2.559	0.0	67	39884	1.03	M
25 N-Nitrosodimethylamine	74	3.035	3.030	0.005	86	49516	0.9300	M
26 Pyridine	79	3.105	3.088	0.017	93	84682	0.8923	M
27 Ethyl methacrylate	69	3.688	3.687	0.001	79	78258	1.01	M
28 3-Chloropropionitrile	54	4.051	4.051	0.0	83	65694	0.8919	
32 Malononitrile	66	4.415	4.388	0.027	95	98083	0.8916	M
40 Benzaldehyde	77	5.538	5.538	0.0	86	93491	1.06	
41 Phenol	94	5.581	5.581	0.0	98	115788	0.9893	
43 Aniline	93	5.629	5.629	0.0	97	145354	0.9558	
44 Bis(2-chloroethyl)ether	93	5.683	5.683	0.0	90	112766	0.99	
46 2-Chlorophenol	128	5.736	5.736	0.0	95	90929	0.9836	
47 1,3-Dichlorobenzene	146	5.881	5.880	0.001	95	115887	0.9661	
48 1,4-Dichlorobenzene	146	5.945	5.945	0.0	89	98791	0.99	
49 Benzyl alcohol	108	6.036	6.041	-0.005	87	54268	0.9413	
50 1,2-Dichlorobenzene	146	6.084	6.084	0.0	92	112026	0.9752	
51 2-Methylphenol	108	6.127	6.126	0.001	97	77322	0.9203	
52 2,2'-oxybis[1-chloropropane]	45	6.159	6.159	0.0	89	156986	0.9697	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.255	6.255	0.0	96	86993	0.9641	
56 N-Nitrosodi-n-propylamine	70	6.271	6.271	0.0	91	66625	0.9873	
57 Acetophenone	105	6.276	6.276	0.0	86	127481	0.9776	
60 Hexachloroethane	117	6.383	6.383	0.0	91	45828	0.9718	
61 Nitrobenzene	77	6.431	6.431	0.0	83	119839	0.9577	
63 Isophorone	82	6.629	6.629	0.0	96	178573	0.9806	
65 2-Nitrophenol	139	6.704	6.704	0.0	90	37714	0.8392	
66 1,3,5-Trichlorobenzene	180	6.715	6.715	0.0	90	93855	0.9595	
64 2,4-Dimethylphenol	107	6.720	6.720	0.0	95	91401	0.9788	
69 Benzoic acid	122	6.742	6.763	-0.021	81	65355	2.26	M
68 Bis(2-chloroethoxy)methane	93	6.806	6.806	0.0	96	136747	1.00	
71 2,4-Dichlorophenol	162	6.907	6.907	0.0	92	66183	0.9081	
72 1,2,4-Trichlorobenzene	180	6.988	6.988	0.0	92	94189	0.9640	
73 Naphthalene	128	7.057	7.062	-0.005	96	253148	0.9434	
74 4-Chloroaniline	127	7.089	7.089	0.0	82	107943	0.9536	
77 Hexachlorobutadiene	225	7.159	7.159	0.0	91	52834	1.00	
78 1,2,3-Trichlorobenzene	180	7.180	7.180	0.0	86	89268	0	
83 Caprolactam	113	7.362	7.367	-0.005	73	22649	0.9389	M
84 4-Chloro-3-methylphenol	107	7.480	7.480	0.0	96	71135	0.9124	
85 2-Methylnaphthalene	142	7.646	7.645	0.001	88	170224	0.9669	
86 1-Methylnaphthalene	142	7.731	7.731	0.0	82	160425	0.9720	
88 Hexachlorocyclopentadiene	237	7.774	7.774	0.0	84	49155	0.8840	
87 1,2,3,5-Tetrachlorobenzene	216	7.774	7.774	0.0	90	92347	0.9773	
90 2,4,6-Trichlorophenol	196	7.870	7.875	-0.005	91	44237	0.8546	
91 2,4,5-Trichlorophenol	196	7.902	7.902	0.0	91	49549	0.8764	
94 2,4-Toluene diamine	121	8.015	8.015	0.0	97	59625	1.14	
96 1,2,3,4 -Tetrachlorobenzene	216	8.025	8.031	-0.006	94	94958	0	
95 1,1'-Biphenyl	154	8.036	8.036	0.0	92	212825	0.9836	
98 2-Chloronaphthalene	162	8.063	8.063	0.0	95	198200	0.9639	
100 2-Nitroaniline	65	8.132	8.132	0.0	69	50063	0.8603	
103 Dimethyl phthalate	163	8.271	8.271	0.0	97	178746	0.9459	
105 2,6-Dinitrotoluene	165	8.330	8.330	0.0	86	38386	1.00	
106 1,2-Dinitrobenzene	168	8.378	8.378	0.0	82	20145	1.06	
107 Acenaphthylene	152	8.416	8.416	0.0	93	253336	0.9373	
108 3-Nitroaniline	138	8.475	8.475	0.001	88	42438	0.9119	
110 Acenaphthene	153	8.560	8.560	0.0	94	166180	0.9868	
109 2,4-Dinitrophenol	184	8.560	8.560	0.0	53	21815	2.09	
111 4-Nitrophenol	109	8.587	8.587	0.0	92	23425	1.03	
112 2,4-Dinitrotoluene	165	8.667	8.672	-0.005	77	51478	1.01	
114 Dibenzofuran	168	8.705	8.704	0.001	88	240077	0.9665	
115 2,3,5,6-Tetrachlorophenol	232	8.763	8.763	0.0	92	38023	0.8479	
119 Diethyl phthalate	149	8.860	8.865	-0.005	96	180276	0.9555	
121 4-Chlorophenyl phenyl ether	204	8.983	8.983	0.0	95	110586	1.00	
123 4-Nitroaniline	138	8.988	8.988	0.0	80	38052	0.8254	
124 Fluorene	166	8.993	8.993	0.0	80	186059	0.9393	
126 4,6-Dinitro-2-methylphenol	198	9.015	9.015	0.0	58	16767	1.22	
130 N-Nitrosodiphenylamine	169	9.074	9.074	0.0	0	130976	0.9375	
129 1,2-Diphenylhydrazine	77	9.116	9.116	0.0	0	206495	0.9587	
131 Azobenzene	77	9.116	9.116	0.0	99	206495	0.9587	
137 4-Bromophenyl phenyl ether	248	9.395	9.394	0.001	69	58679	0.9813	
139 Hexachlorobenzene	284	9.459	9.459	0.0	87	59940	1.01	
140 Atrazine	200	9.507	9.507	0.0	88	37822	0.9617	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.614	9.614	0.0	85	62119	1.82	
146 Phenanthrene	178	9.812	9.812	0.0	93	267036	0.9645	
147 Anthracene	178	9.855	9.854	0.001	97	267191	0.9667	
149 Carbazole	167	9.978	9.977	0.001	83	249019	0.9404	
151 Di-n-butyl phthalate	149	10.234	10.234	0.0	100	273490	0.9137	
157 Fluoranthene	202	10.817	10.817	0.0	97	289154	0.9516	
158 Benzidine	184	10.914	10.913	0.001	96	77469	1.08	
160 Pyrene	202	11.026	11.026	0.0	97	300514	0.9463	
166 Butyl benzyl phthalate	149	11.620	11.620	0.0	94	108424	0.8413	
170 3,3'-Dimethoxybenzidine	244	12.224	12.224	0.0	83	29916	1.11	
173 3,3'-Dichlorobenzidine	252	12.267	12.267	0.0	71	93229	0.8939	
172 4,4'-Methylene bis(2-chloroanili	231	12.267	12.267	0.0	73	40773	0.9509	
171 Bis(2-ethylhexyl) phthalate	149	12.294	12.288	0.006	97	155375	0.9689	
175 Benzo[a]anthracene	228	12.320	12.320	0.0	93	272095	0.9589	
176 Chrysene	228	12.368	12.368	0.0	90	257527	0.9581	
178 Di-n-octyl phthalate	149	13.192	13.192	0.0	97	203542	0.9548	
180 Benzo[b]fluoranthene	252	13.823	13.823	0.0	91	258712	1.00	
181 Benzo[k]fluoranthene	252	13.861	13.866	-0.005	89	269051	0.9715	M
182 Benzo[a]pyrene	252	14.321	14.321	0.0	74	227095	0.9357	
186 Indeno[1,2,3-cd]pyrene	276	16.054	16.054	0.0	97	246057	0.9555	
187 Dibenz(a,h)anthracene	278	16.080	16.086	-0.006	62	208512	0.9512	
188 Benzo[g,h,i]perylene	276	16.498	16.503	-0.005	92	221109	0.9803	
S 189 Methyl Phenols,Total	100				0		0.9203	

QC Flag Legend

Review Flags
M - Manually Integrated

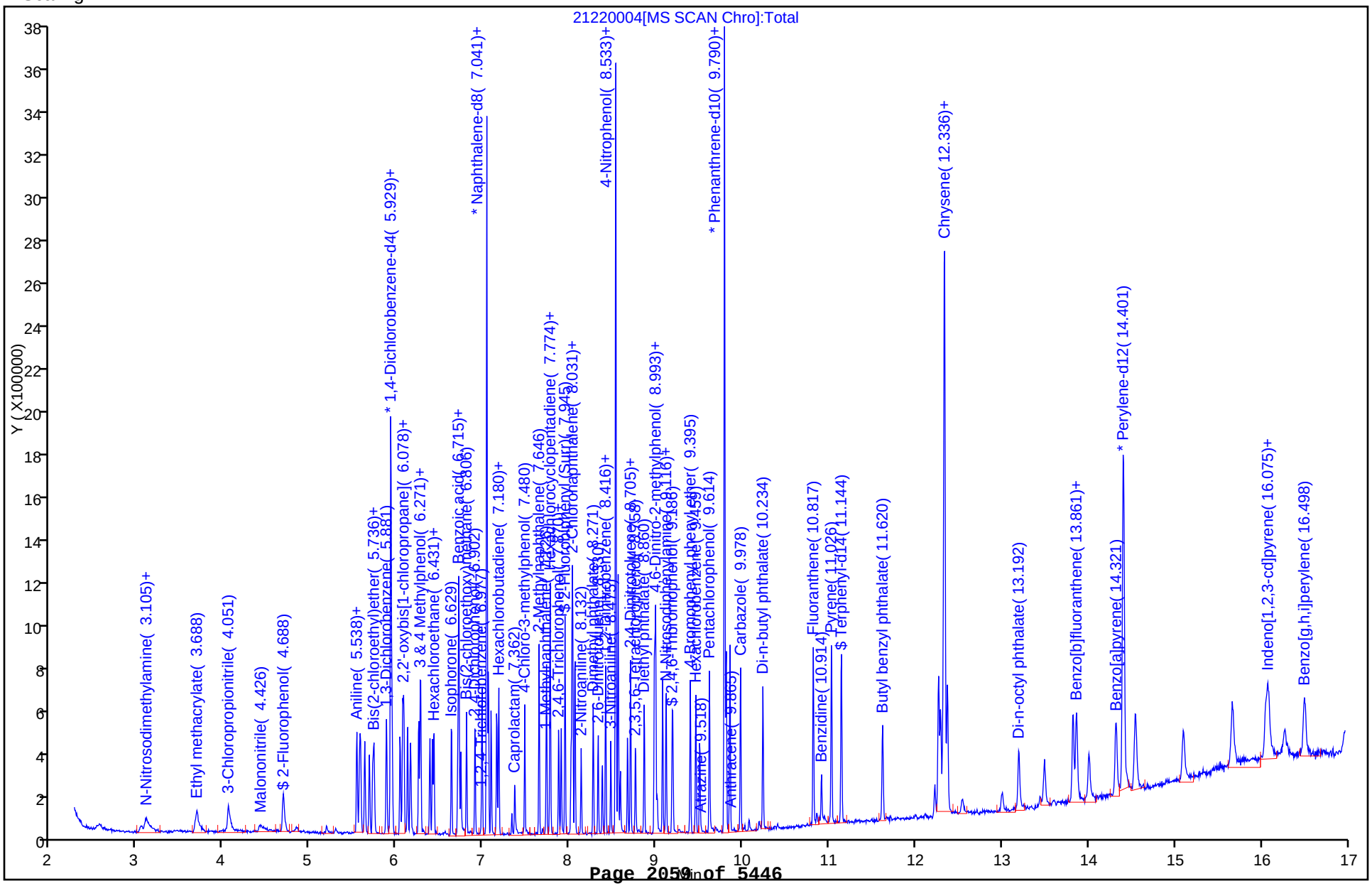
Report Date: 21-Dec-2012 09:00:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220004.D

Injection Date:	20-Dec-2012 14:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

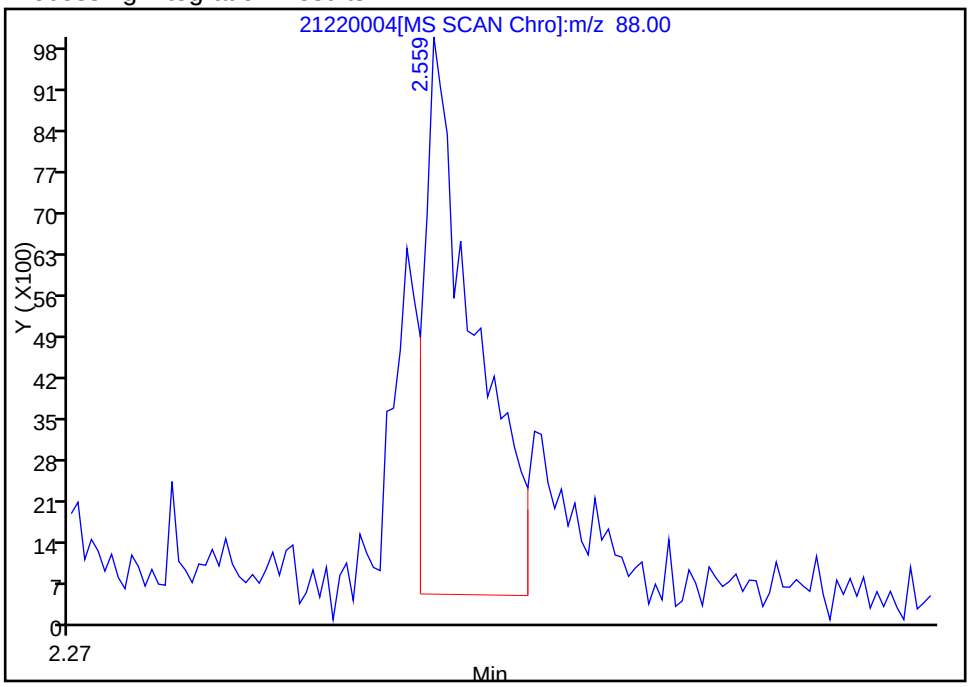
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220004.D		
Injection Date:	20-Dec-2012 14:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.56

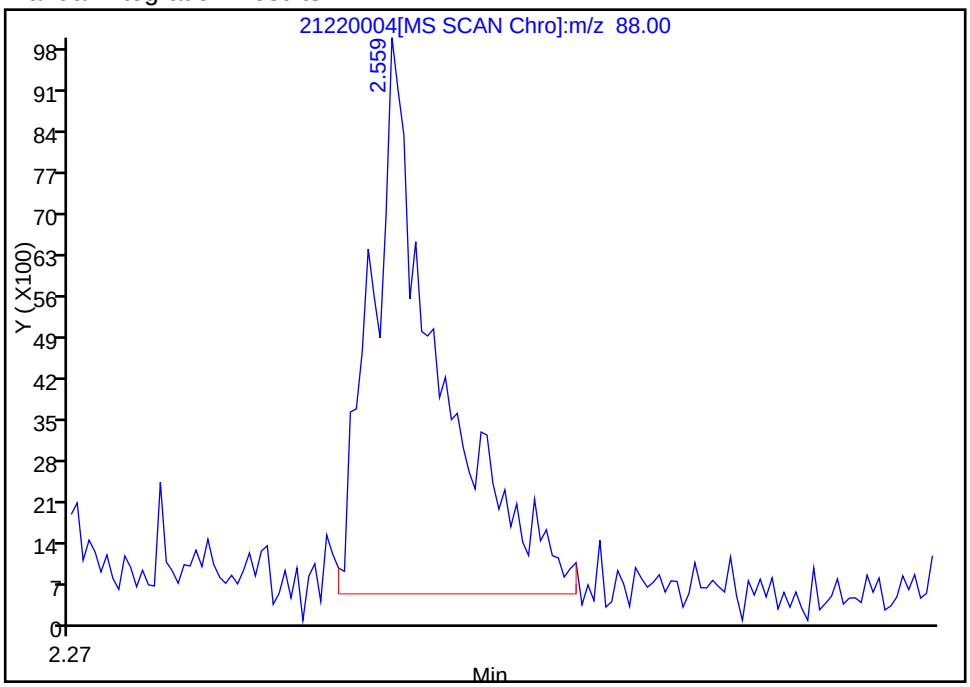
Processing Integration Results

RT: 2.56
Response: 26142
Amount: 0.795726



Manual Integration Results

RT: 2.56
Response: 39884
Amount: 1.030874



Reviewer: ulmanm, 20-Dec-2012 15:03:42
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

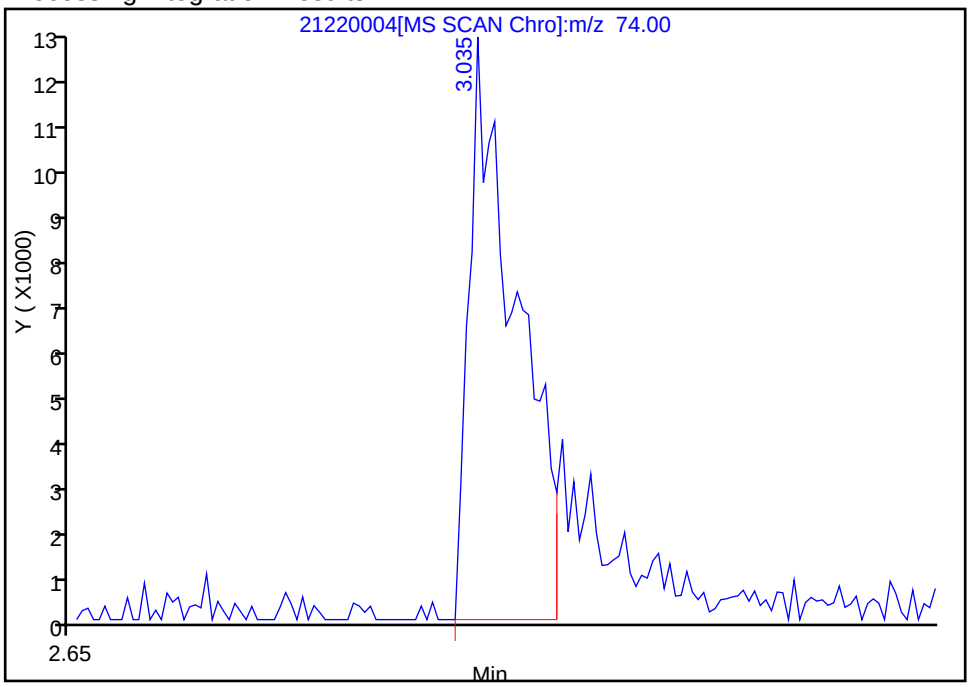
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220004.D		
Injection Date:	20-Dec-2012 14:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.03

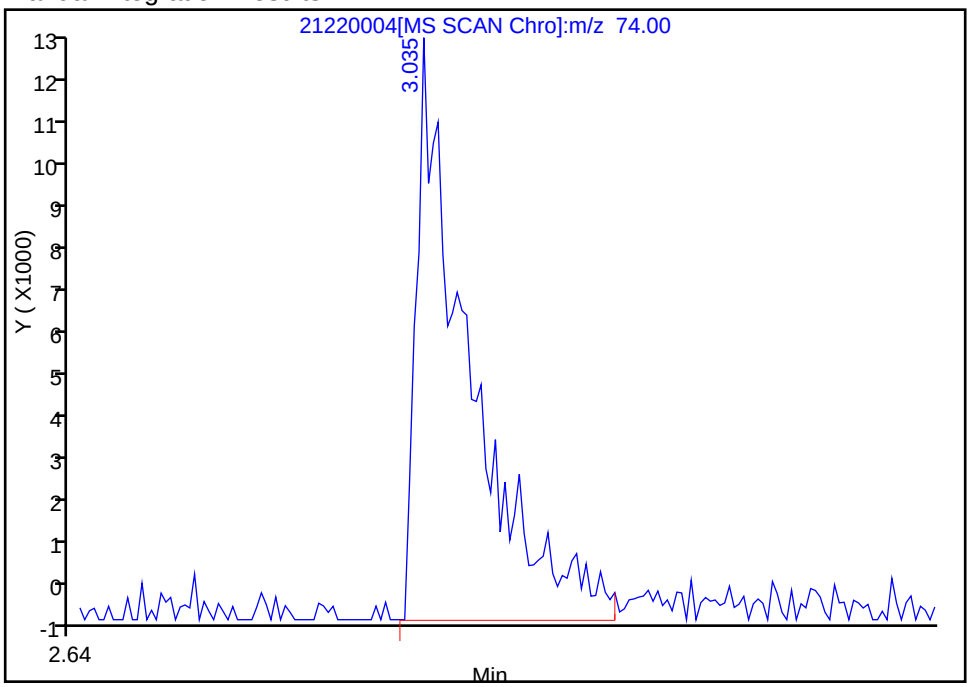
Processing Integration Results

RT: 3.04
Response: 37969
Amount: 0.817777



Manual Integration Results

RT: 3.04
Response: 49516
Amount: 0.929993



Reviewer: ulmanm, 20-Dec-2012 15:03:42
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

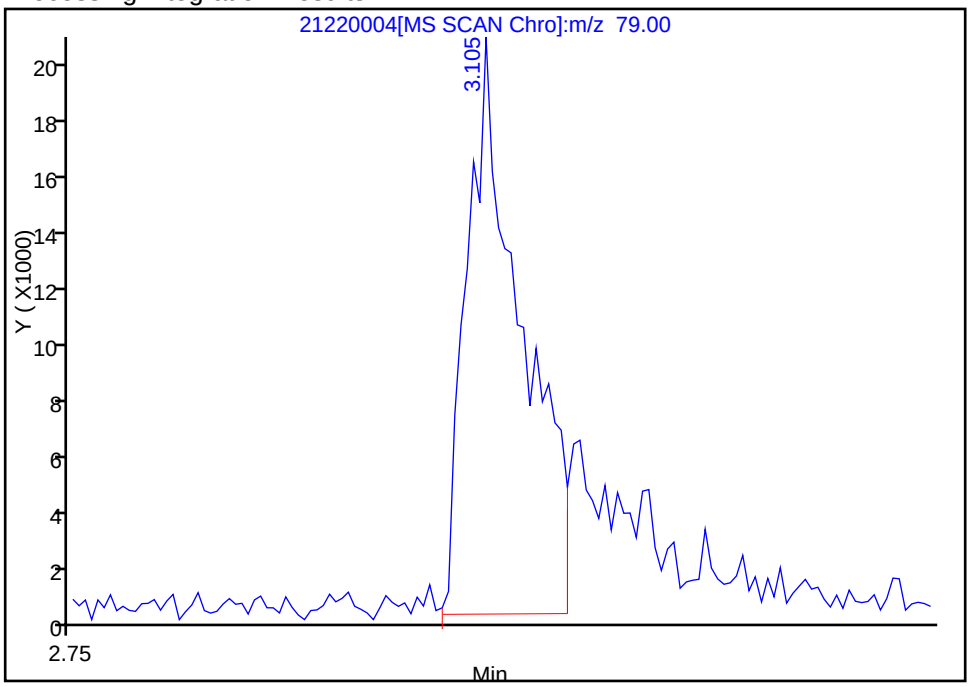
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220004.D		
Injection Date:	20-Dec-2012 14:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.09

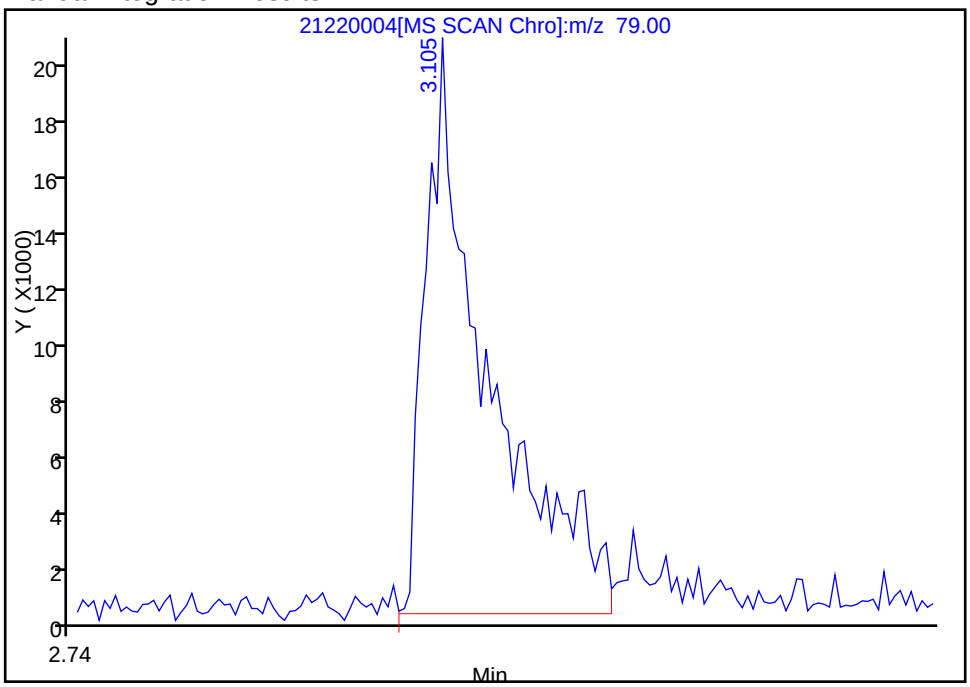
Processing Integration Results

RT: 3.10
Response: 64981
Amount: 0.771332



Manual Integration Results

RT: 3.10
Response: 84682
Amount: 0.892264



Reviewer: ulmanm, 20-Dec-2012 15:03:42
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

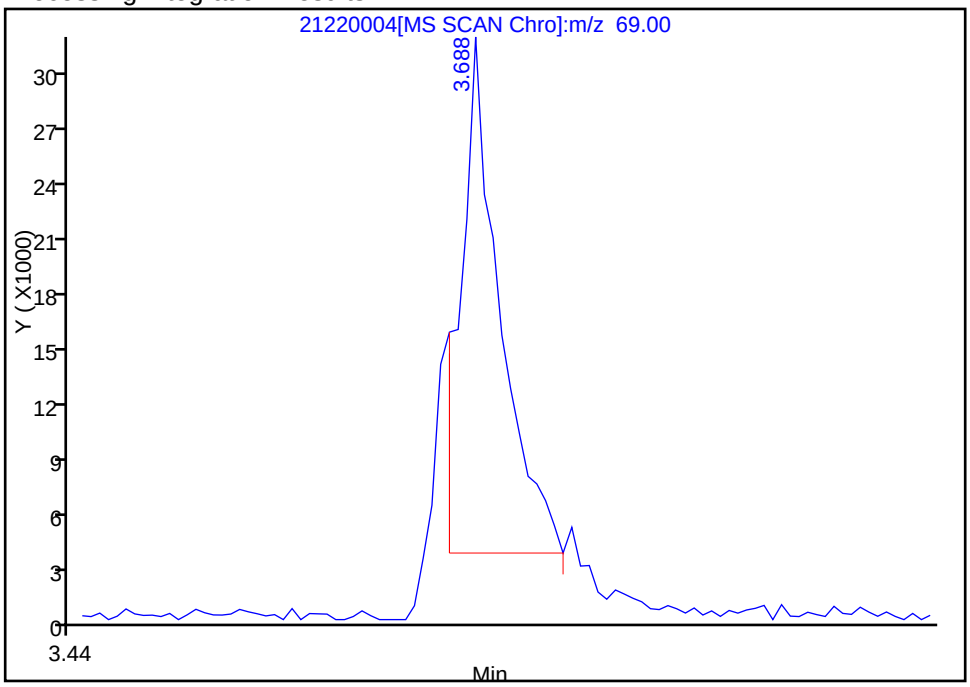
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220004.D		
Injection Date:	20-Dec-2012 14:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.69

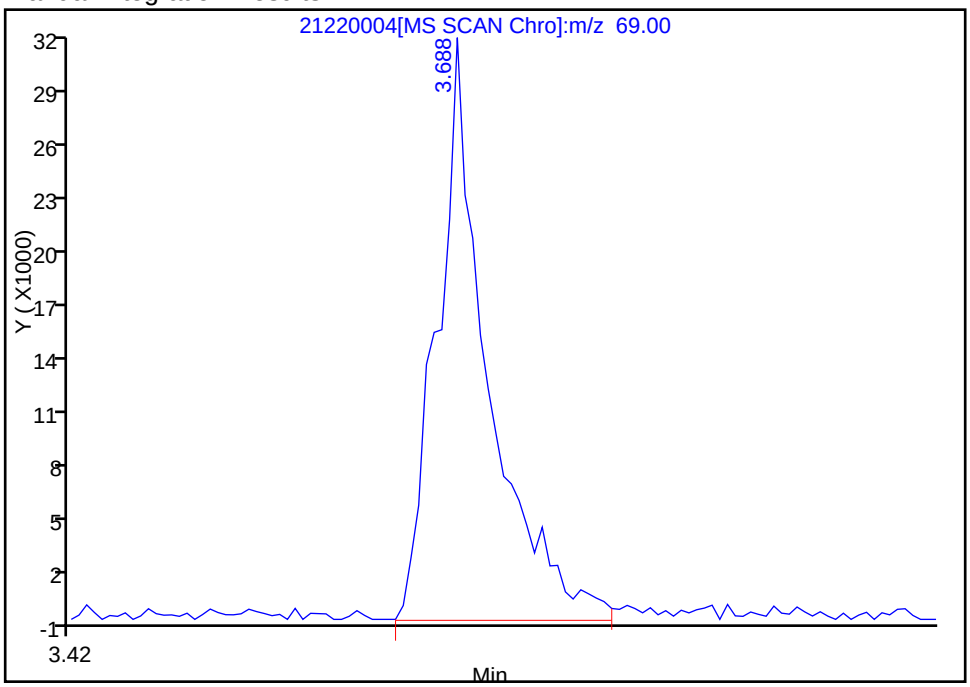
Processing Integration Results

RT: 3.69
Response: 47369
Amount: 0.719354



Manual Integration Results

RT: 3.69
Response: 78258
Amount: 1.010023



Reviewer: ulmanm, 20-Dec-2012 15:03:42
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

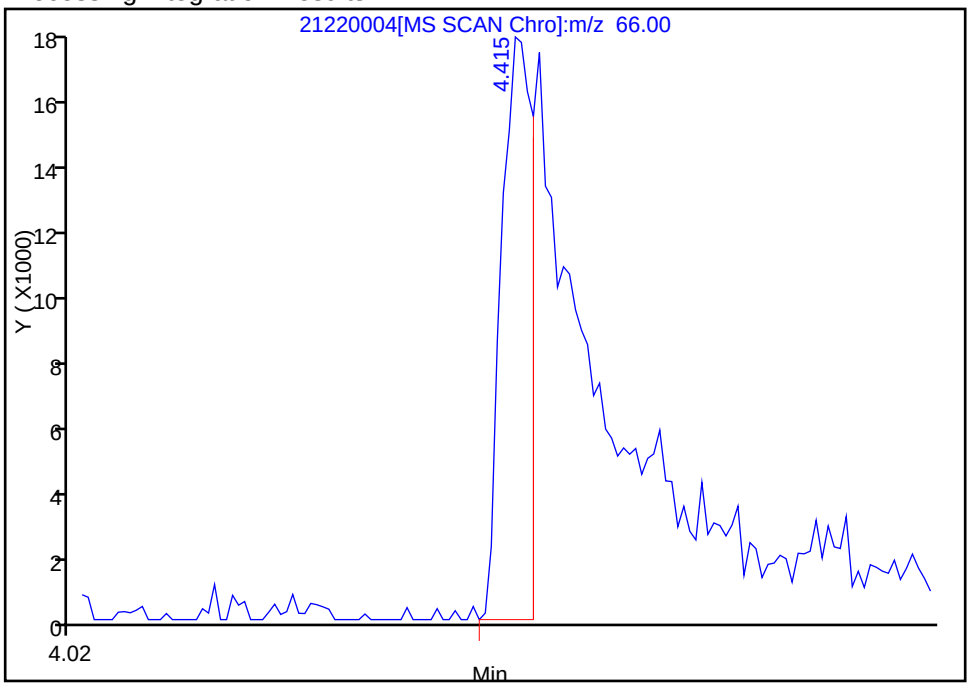
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220004.D		
Injection Date:	20-Dec-2012 14:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

32 Malononitrile, Signal: 1, m/z: 66.0 Type: quant, RT: 4.39

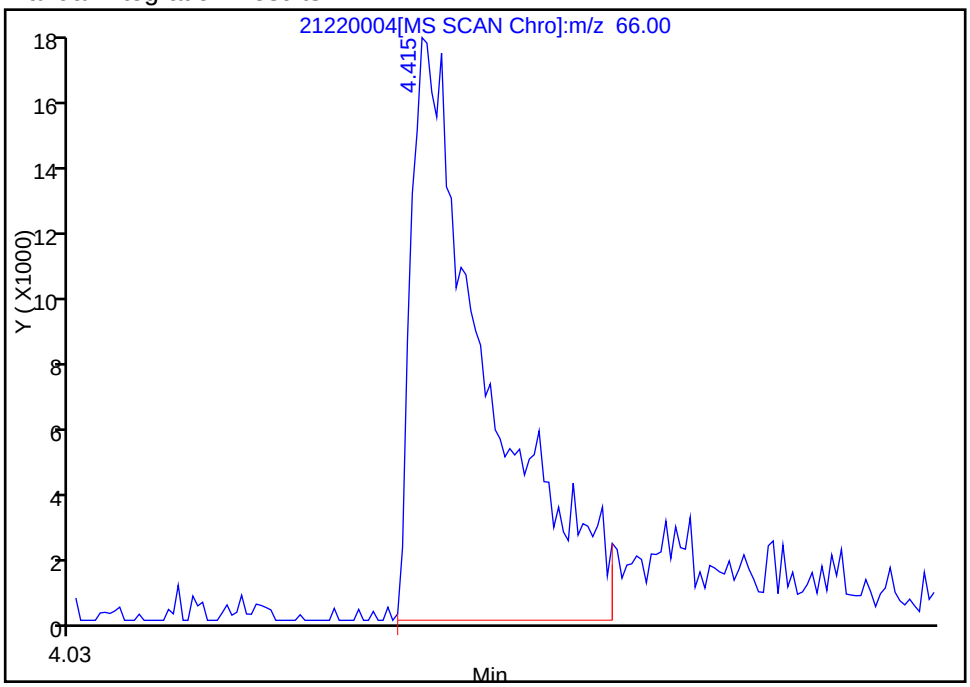
Processing Integration Results

RT: 4.41
Response: 32591
Amount: 0.393794



Manual Integration Results

RT: 4.41
Response: 98083
Amount: 0.891567



Reviewer: ulmanm, 20-Dec-2012 15:03:42
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

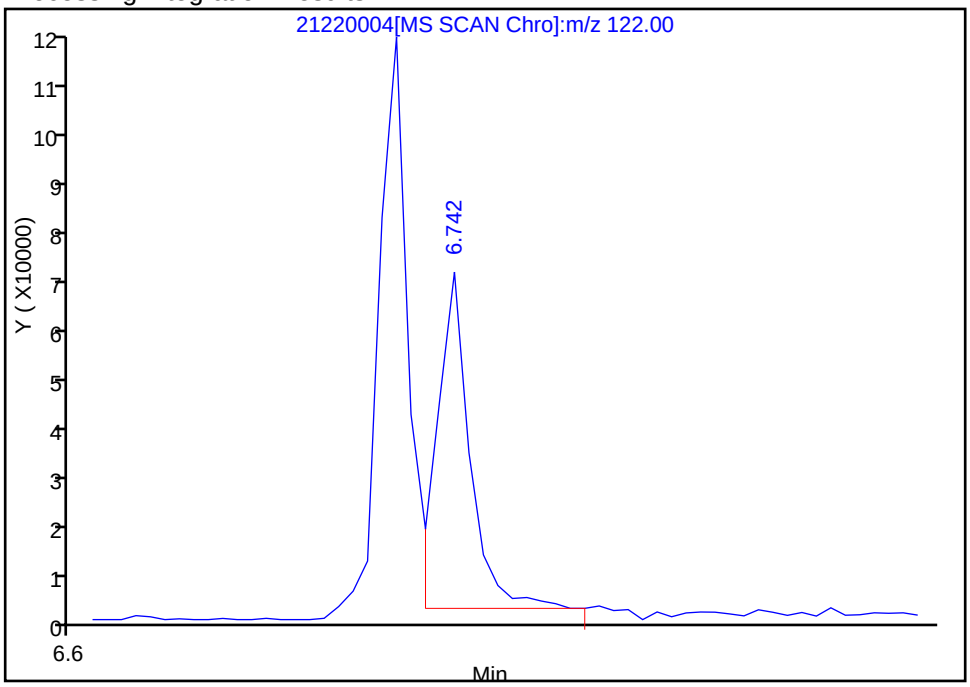
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220004.D		
Injection Date:	20-Dec-2012 14:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

69 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.76

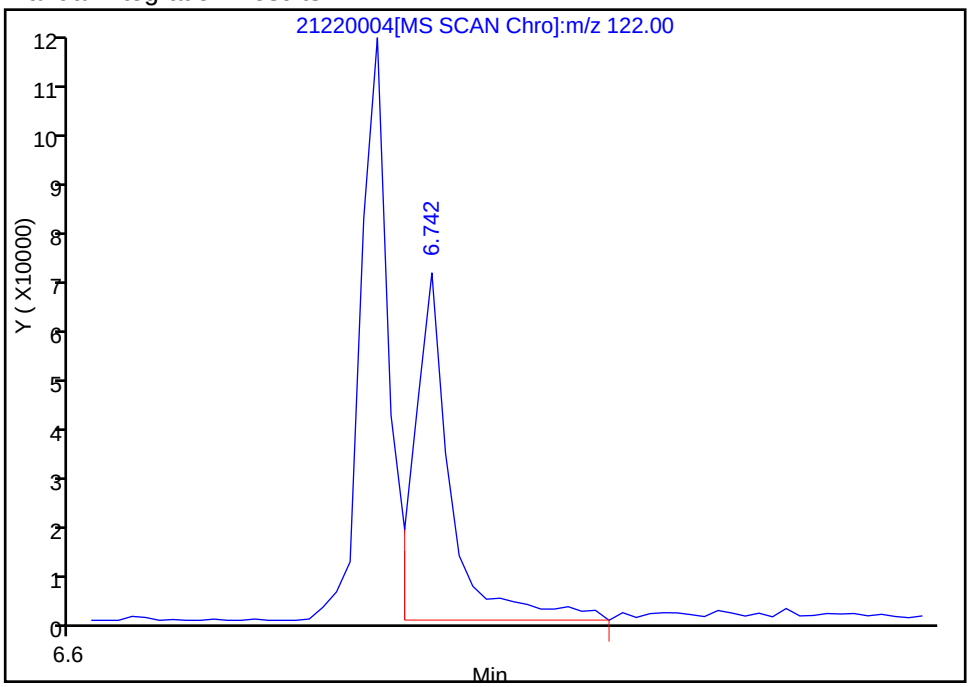
Processing Integration Results

RT: 6.74
Response: 55203
Amount: 1.614031



Manual Integration Results

RT: 6.74
Response: 65355
Amount: 2.255346



Reviewer: ulmanm, 20-Dec-2012 15:03:42
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

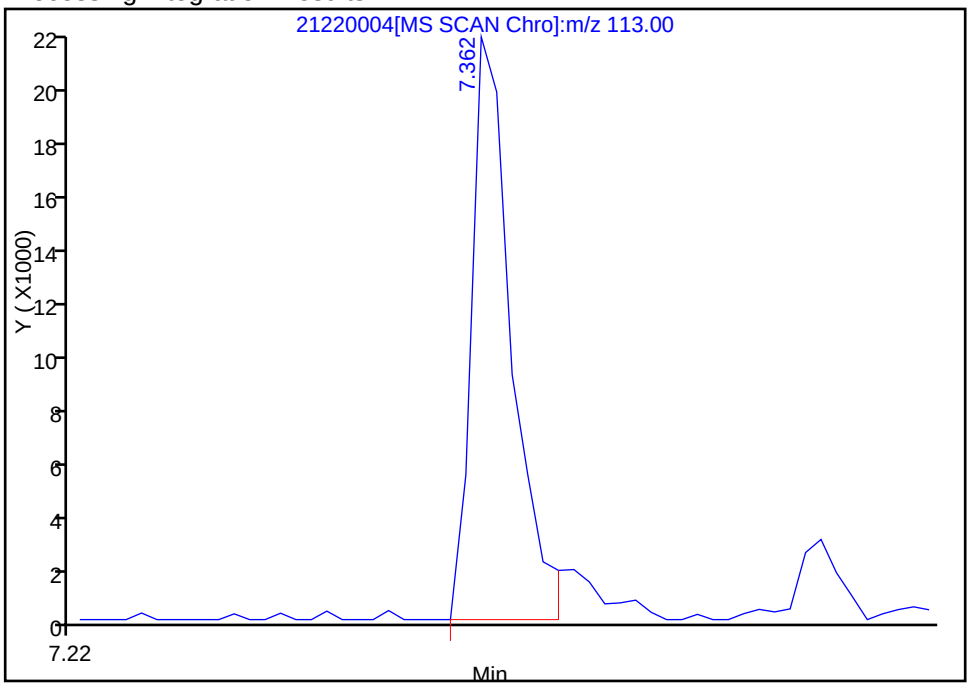
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220004.D		
Injection Date:	20-Dec-2012 14:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

83 Caprolactam, Signal: 1, m/z: 113.0 Type: quant, RT: 7.37

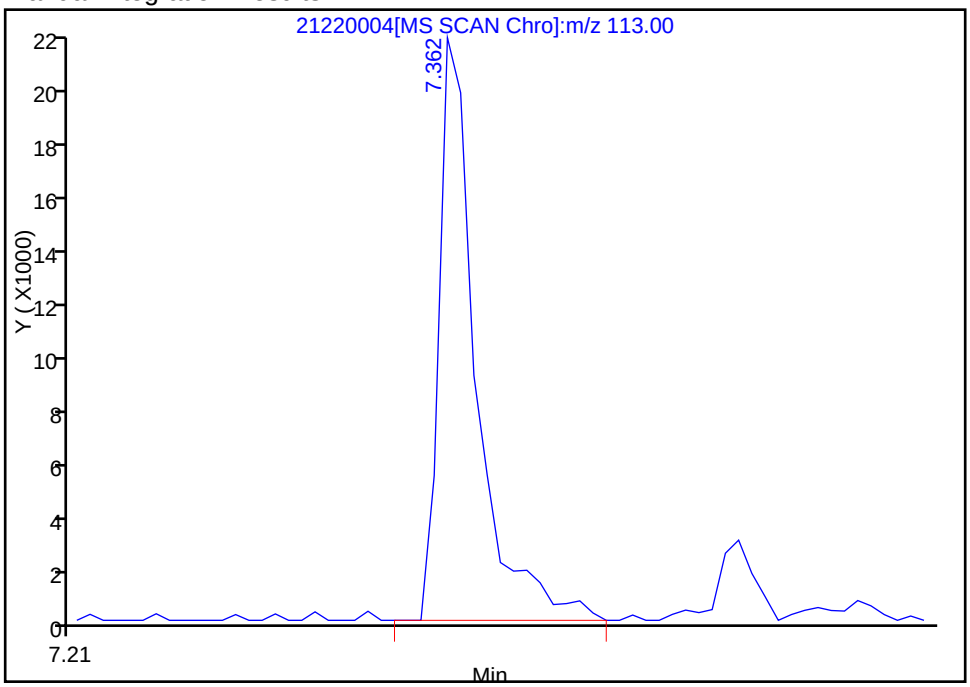
Processing Integration Results

RT: 7.36
Response: 20896
Amount: 0.938010



Manual Integration Results

RT: 7.36
Response: 22649
Amount: 0.938891



Reviewer: ulmanm, 20-Dec-2012 15:03:42
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

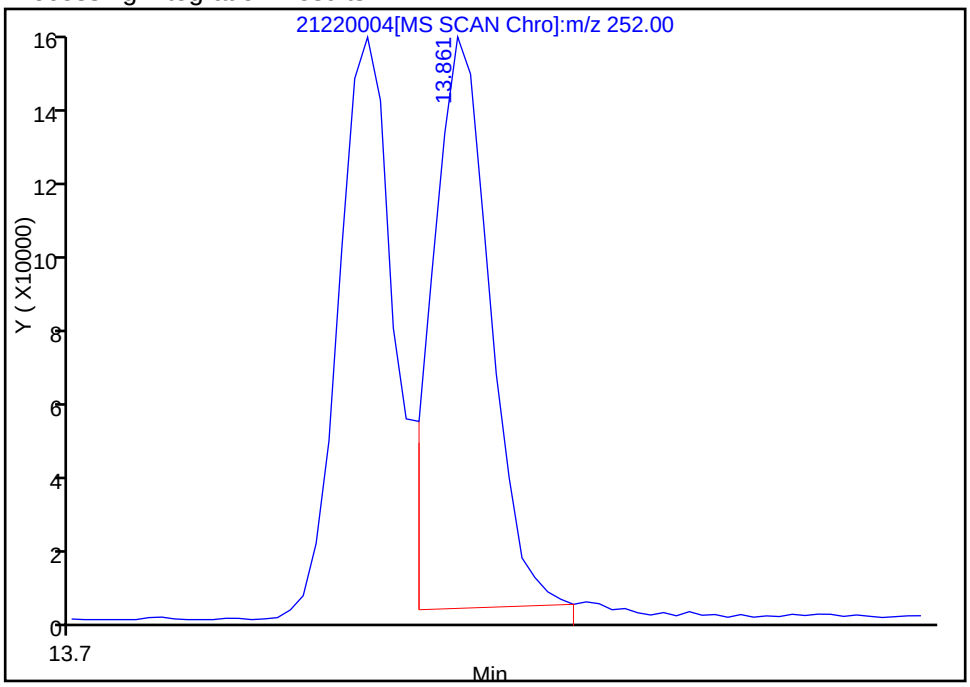
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220004.D		
Injection Date:	20-Dec-2012 14:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.87

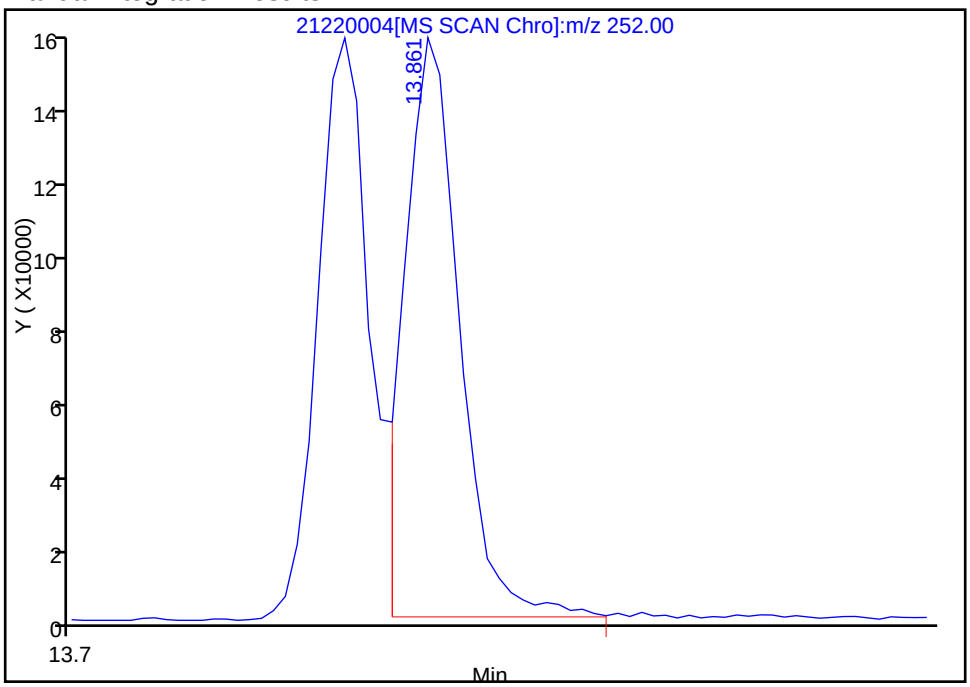
Processing Integration Results

RT: 13.86
Response: 254815
Amount: 1.037380



Manual Integration Results

RT: 13.86
Response: 269051
Amount: 0.971511



Reviewer: ulmanm, 20-Dec-2012 15:03:42
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220005.D
Lims ID: std2 tcl
Client ID:
Inject. Date: 20-Dec-2012 14:58:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 2
Sample ID: 240-0016051-005
Misc. Info.: STD2 TCL
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 5
Lims Batch ID: 69576
Lims Sample ID: 5
Sublist: chrom-8270_hp7*sub15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\8270_hp7.m
Last Update: 21-Dec-2012 09:00:57
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm
Date: 20-Dec-2012 15:24:50

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.929	5.929	0.0	97	292980	4.00	
* 2 Naphthalene-d8	136	7.041	7.041	0.0	100	1160558	4.00	
* 3 Acenaphthene-d10	164	8.533	8.533	0.0	92	679037	4.00	
* 4 Phenanthrene-d10	188	9.790	9.790	0.0	97	1100395	4.00	
* 5 Chrysene-d12	240	12.336	12.336	0.0	98	1151305	4.00	
* 6 Perylene-d12	264	14.401	14.406	-0.005	96	922697	4.00	
$ 7 2-Fluorophenol	112	4.682	4.688	-0.006	84	41499	0.4617	
$ 8 Phenol-d5	99	5.570	5.570	0.0	89	53071	0.4435	
$ 9 Nitrobenzene-d5	82	6.410	6.410	0.0	92	59609	0.4663	
$ 10 2-Fluorobiphenyl (Surr)	172	7.945	7.945	0.0	98	116343	0.4781	
$ 11 2,4,6-Tribromophenol	330	9.197	9.197	0.0	76	8247	0.3612	
$ 12 Terphenyl-d14	244	11.144	11.143	0.001	96	109267	0.4639	
24 1,4-Dioxane	88	2.570	2.559	0.011	60	26507	0.6396	M
25 N-Nitrosodimethylamine	74	3.051	3.030	0.021	86	27581	0.4836	M
26 Pyridine	79	3.115	3.088	0.027	86	47629	0.4685	M
27 Ethyl methacrylate	69	3.688	3.687	0.001	89	44136	0.5318	M
28 3-Chloropropionitrile	54	4.051	4.051	0.0	74	35914	0.4552	M
32 Malononitrile	66	4.426	4.388	0.038	84	46620	0.3956	M
40 Benzaldehyde	77	5.538	5.538	0.0	89	49846	0.5264	
41 Phenol	94	5.581	5.581	0.0	94	56057	0.4471	
43 Aniline	93	5.629	5.629	0.0	96	75283	0.4622	
44 Bis(2-chloroethyl)ether	93	5.683	5.683	0.0	91	60581	0.4980	
46 2-Chlorophenol	128	5.736	5.736	0.0	92	44373	0.4481	
47 1,3-Dichlorobenzene	146	5.881	5.880	0.001	93	62876	0.4894	
48 1,4-Dichlorobenzene	146	5.945	5.945	0.0	87	50111	0.4697	
49 Benzyl alcohol	108	6.036	6.041	-0.005	88	28114	0.4553	
50 1,2-Dichlorobenzene	146	6.078	6.084	-0.006	91	60782	0.4939	
51 2-Methylphenol	108	6.127	6.126	0.001	94	39897	0.4433	
52 2,2'-oxybis[1-chloropropane]	45	6.159	6.159	0.0	88	85056	0.4905	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.255	6.255	0.0	94	46874	0.4850	
56 N-Nitrosodi-n-propylamine	70	6.271	6.271	0.0	88	31235	0.4321	
57 Acetophenone	105	6.276	6.276	0.0	84	65703	0.4704	
60 Hexachloroethane	117	6.383	6.383	0.0	87	24778	0.4905	
61 Nitrobenzene	77	6.431	6.431	0.0	86	59163	0.4473	
63 Isophorone	82	6.629	6.629	0.0	98	86258	0.4481	
65 2-Nitrophenol	139	6.704	6.704	0.0	91	17446	0.3673	
66 1,3,5-Trichlorobenzene	180	6.715	6.715	0.0	94	52999	0.5126	
64 2,4-Dimethylphenol	107	6.720	6.720	0.0	94	46174	0.4678	
69 Benzoic acid	122		6.763					
68 Bis(2-chloroethoxy)methane	93	6.806	6.806	0.0	93	66917	0.4633	
71 2,4-Dichlorophenol	162	6.902	6.907	-0.005	95	31754	0.4122	
72 1,2,4-Trichlorobenzene	180	6.988	6.988	0.0	91	49961	0.4837	
73 Naphthalene	128	7.057	7.062	-0.005	95	141722	0.4997	
74 4-Chloroaniline	127	7.089	7.089	0.0	73	52552	0.4392	
77 Hexachlorobutadiene	225	7.153	7.159	-0.006	89	28568	0.5097	
78 1,2,3-Trichlorobenzene	180	7.180	7.180	0.0	87	45923	0	
83 Caprolactam	113	7.367	7.367	0.0	69	10209	0.4004	M
84 4-Chloro-3-methylphenol	107	7.480	7.480	0.0	88	34291	0.4161	
85 2-Methylnaphthalene	142	7.646	7.645	0.001	90	86842	0.4667	
86 1-Methylnaphthalene	142	7.731	7.731	0.0	82	85531	0.4903	
88 Hexachlorocyclopentadiene	237	7.774	7.774	0.0	70	23622	0.4116	
87 1,2,3,5-Tetrachlorobenzene	216	7.774	7.774	0.0	91	51367	0.5267	
90 2,4,6-Trichlorophenol	196	7.870	7.875	-0.005	92	23760	0.4447	
91 2,4,5-Trichlorophenol	196	7.902	7.902	0.0	88	26053	0.4465	
94 2,4-Toluene diamine	121	8.015	8.015	0.0	96	26262	0.4758	
96 1,2,3,4 -Tetrachlorobenzene	216	8.025	8.031	-0.006	93	46393	0	
95 1,1'-Biphenyl	154	8.036	8.036	0.0	95	110816	0.4962	
98 2-Chloronaphthalene	162	8.063	8.063	0.0	97	101981	0.4806	
100 2-Nitroaniline	65	8.132	8.132	0.0	65	23267	0.3874	
103 Dimethyl phthalate	163	8.271	8.271	0.0	97	90736	0.4652	
105 2,6-Dinitrotoluene	165	8.330	8.330	0.0	79	17453	0.5445	
106 1,2-Dinitrobenzene	168	8.378	8.378	0.0	85	8152	0.5686	
107 Acenaphthylene	152	8.416	8.416	0.0	88	125910	0.4514	
108 3-Nitroaniline	138	8.475	8.475	0.001	86	17272	0.3596	
110 Acenaphthene	153	8.560	8.560	0.0	92	82736	0.4760	
109 2,4-Dinitrophenol	184		8.560					9
111 4-Nitrophenol	109	8.587	8.587	0.0	73	9636	0.5151	
112 2,4-Dinitrotoluene	165	8.667	8.672	-0.005	73	21072	0.5372	
114 Dibenzofuran	168	8.705	8.704	0.001	89	119935	0.4678	
115 2,3,5,6-Tetrachlorophenol	232	8.763	8.763	0.0	82	17233	0.3723	
119 Diethyl phthalate	149	8.860	8.865	-0.005	96	92824	0.4767	
121 4-Chlorophenyl phenyl ether	204	8.977	8.983	-0.006	97	53547	0.4702	
123 4-Nitroaniline	138	8.988	8.988	0.0	72	17836	0.3749	M
124 Fluorene	166	8.993	8.993	0.0	73	104089	0.5091	
126 4,6-Dinitro-2-methylphenol	198		9.015					9
130 N-Nitrosodiphenylamine	169	9.074	9.074	0.0	0	65556	0.4398	
129 1,2-Diphenylhydrazine	77	9.111	9.116	-0.005	0	101500	0.4417	
131 Azobenzene	77	9.111	9.116	-0.005	98	101500	0.4417	
137 4-Bromophenyl phenyl ether	248	9.395	9.394	0.001	68	30644	0.4803	
139 Hexachlorobenzene	284	9.459	9.459	0.0	83	29551	0.4653	
140 Atrazine	200	9.507	9.507	0.0	85	18708	0.4458	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.614	9.614	0.0	77	23954	0.6590	
146 Phenanthrene	178	9.812	9.812	0.0	86	140809	0.4767	
147 Anthracene	178	9.855	9.854	0.001	86	131823	0.4470	
149 Carbazole	167	9.978	9.977	0.001	82	123044	0.4355	
151 Di-n-butyl phthalate	149	10.234	10.234	0.0	99	134455	0.4210	
157 Fluoranthene	202	10.817	10.817	0.0	97	142158	0.4385	
158 Benzidine	184		10.913					
160 Pyrene	202	11.026	11.026	0.0	97	157506	0.4728	
166 Butyl benzyl phthalate	149	11.620	11.620	0.0	93	50139	0.3709	
170 3,3'-Dimethoxybenzidine	244		12.224					
173 3,3'-Dichlorobenzidine	252	12.267	12.267	0.0	63	40231	0.3678	
172 4,4'-Methylene bis(2-chloroanili	231	12.267	12.267	0.0	70	17468	0.4970	
171 Bis(2-ethylhexyl) phthalate	149	12.288	12.288	0.0	93	66202	0.4755	
175 Benzo[a]anthracene	228	12.320	12.320	0.0	97	134984	0.4535	
176 Chrysene	228	12.368	12.368	0.0	91	133718	0.4743	
178 Di-n-octyl phthalate	149	13.192	13.192	0.0	97	77079	0.5100	
180 Benzo[b]fluoranthene	252	13.818	13.823	-0.005	93	120678	0.4380	
181 Benzo[k]fluoranthene	252	13.861	13.866	-0.005	93	130001	0.4399	M
182 Benzo[a]pyrene	252	14.315	14.321	-0.006	69	102437	0.3955	
186 Indeno[1,2,3-cd]pyrene	276	16.059	16.054	0.005	96	113477	0.4129	
187 Dibenz(a,h)anthracene	278	16.080	16.086	-0.006	72	93792	0.4009	
188 Benzo[g,h,i]perylene	276	16.498	16.503	-0.005	92	101056	0.4198	
S 189 Methyl Phenols,Total	100				0		0.4433	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

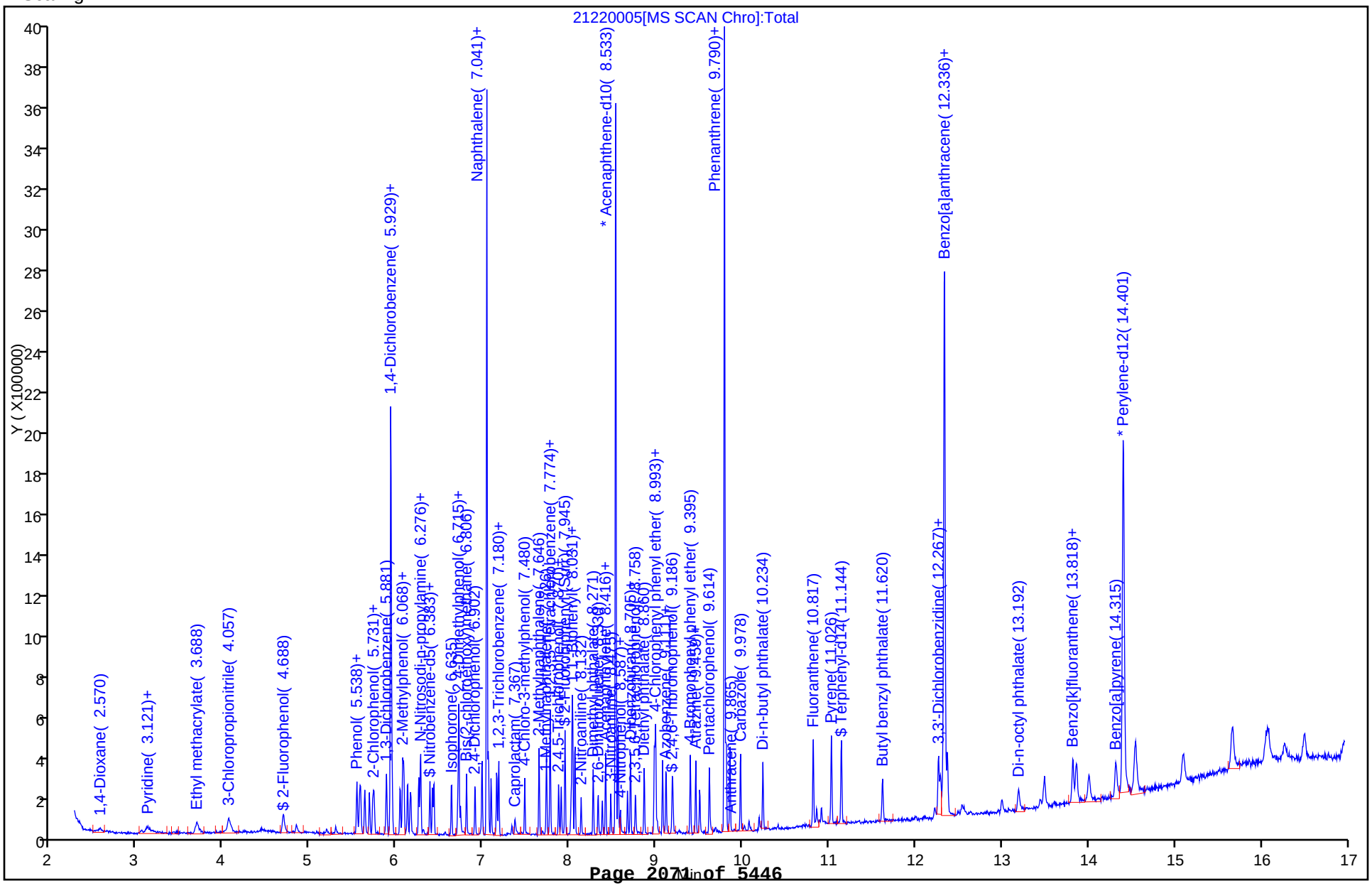
Report Date: 21-Dec-2012 09:00:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220005.D

Injection Date:	20-Dec-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

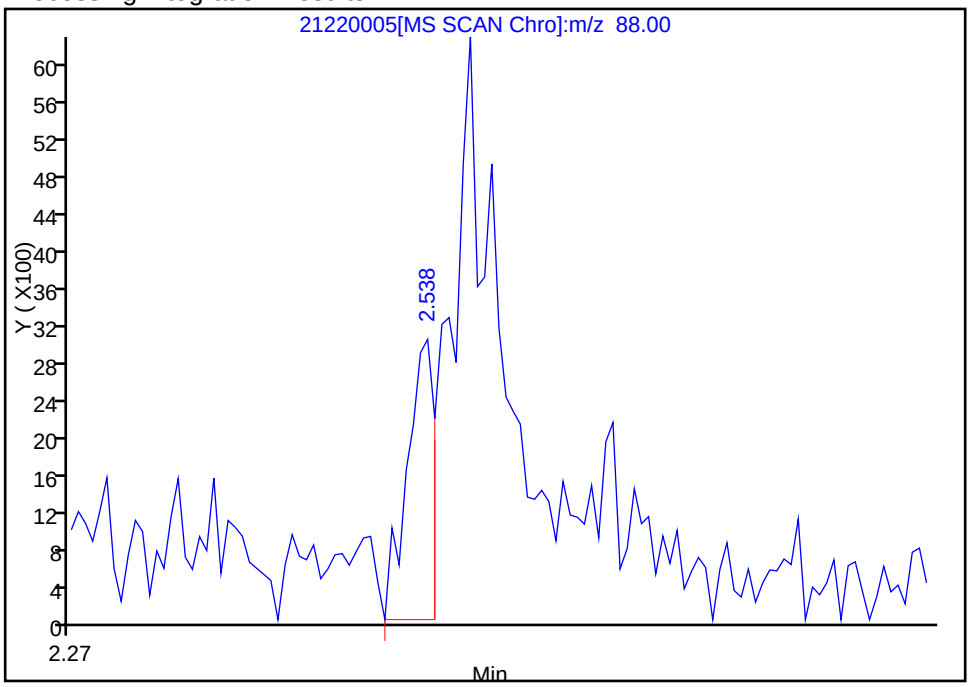
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220005.D		
Injection Date:	20-Dec-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.56

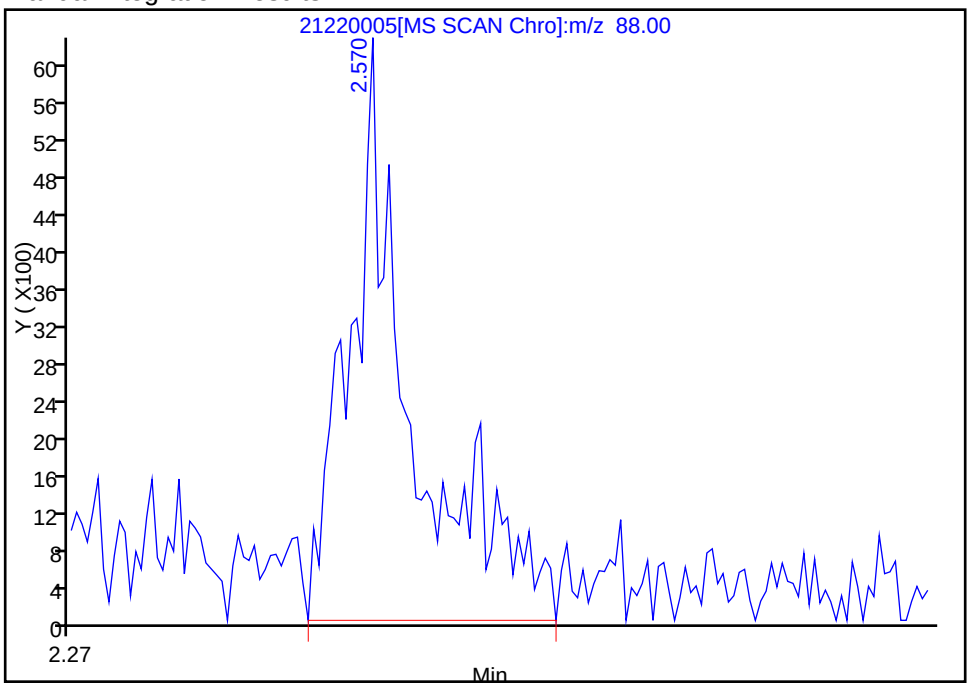
Processing Integration Results

RT: 2.54
Response: 4267
Amount: 0.132490



Manual Integration Results

RT: 2.57
Response: 26507
Amount: 0.639615



Reviewer: ulmanm, 20-Dec-2012 15:24:50
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

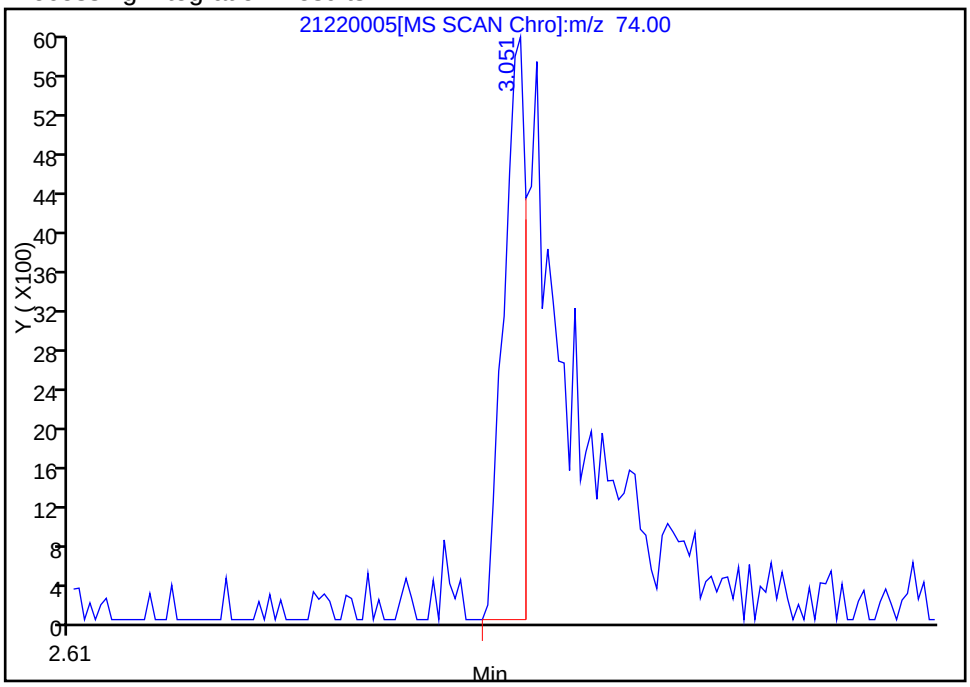
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220005.D		
Injection Date:	20-Dec-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.03

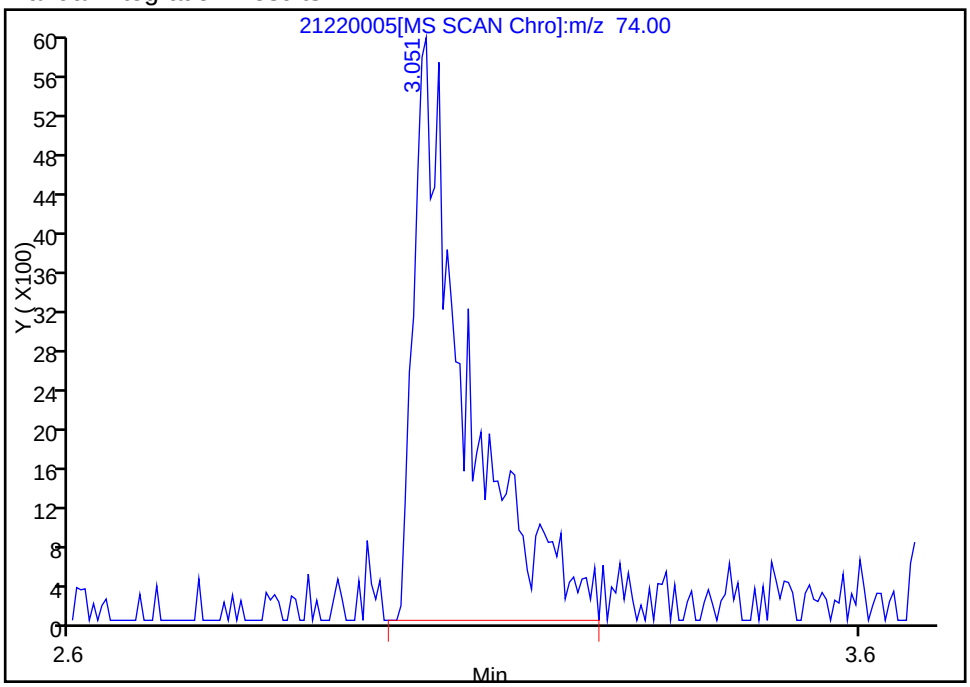
Processing Integration Results

RT: 3.05
Response: 8859
Amount: 0.197652



Manual Integration Results

RT: 3.05
Response: 27581
Amount: 0.483610



Reviewer: ulmanm, 20-Dec-2012 15:24:50
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Manual Integration/User Assign Peak Report

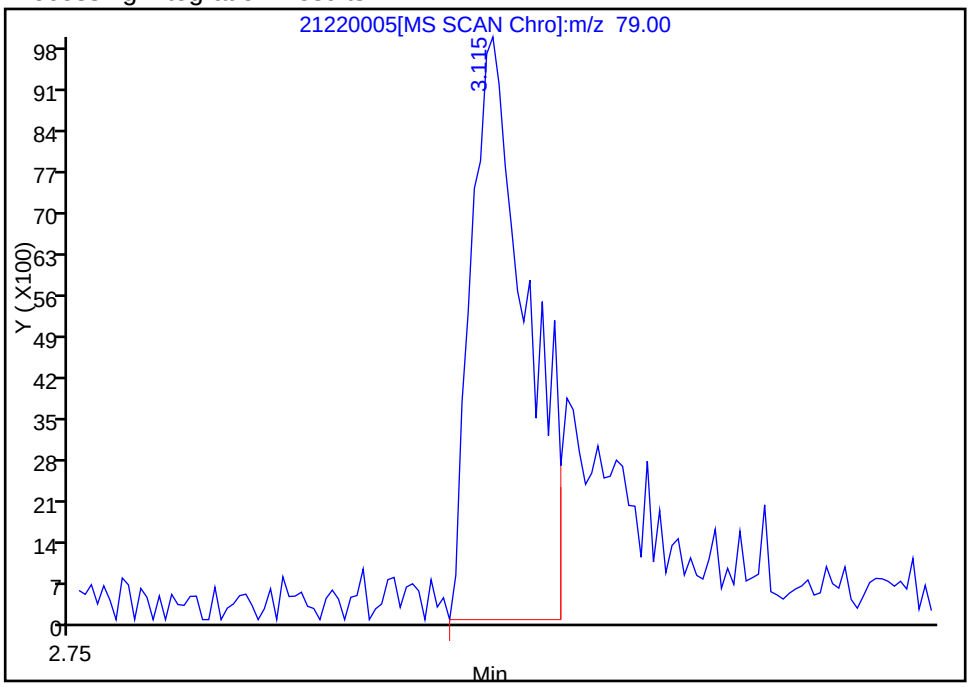
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220005.D		
Injection Date:	20-Dec-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.09

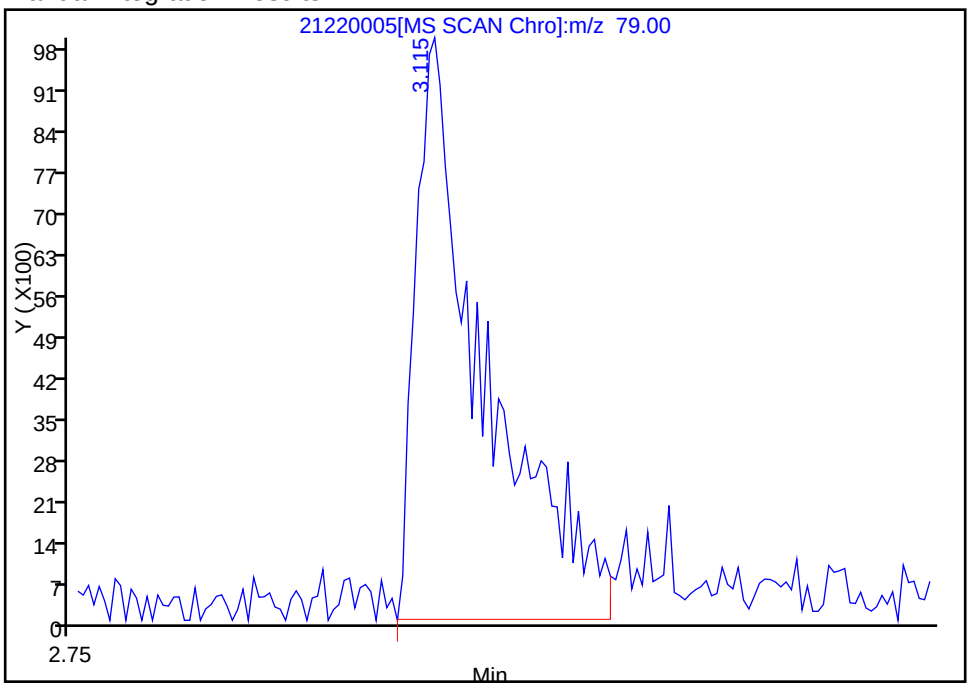
Processing Integration Results

RT: 3.12
Response: 33496
Amount: 0.373411



Manual Integration Results

RT: 3.12
Response: 47629
Amount: 0.468516



Reviewer: ulmanm, 20-Dec-2012 15:24:50
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Manual Integration/User Assign Peak Report

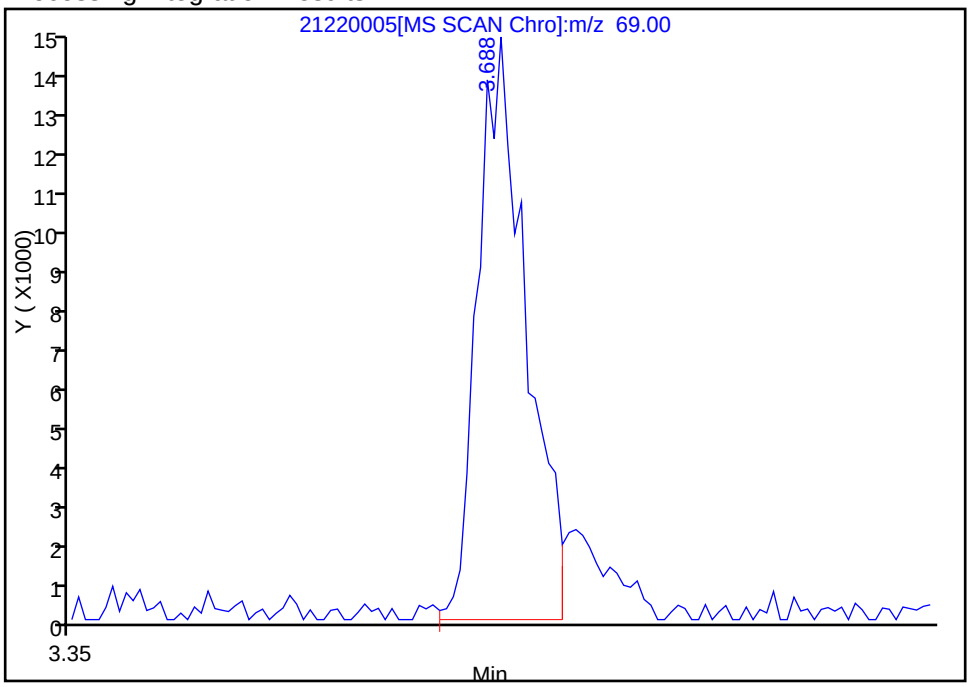
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220005.D		
Injection Date:	20-Dec-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.69

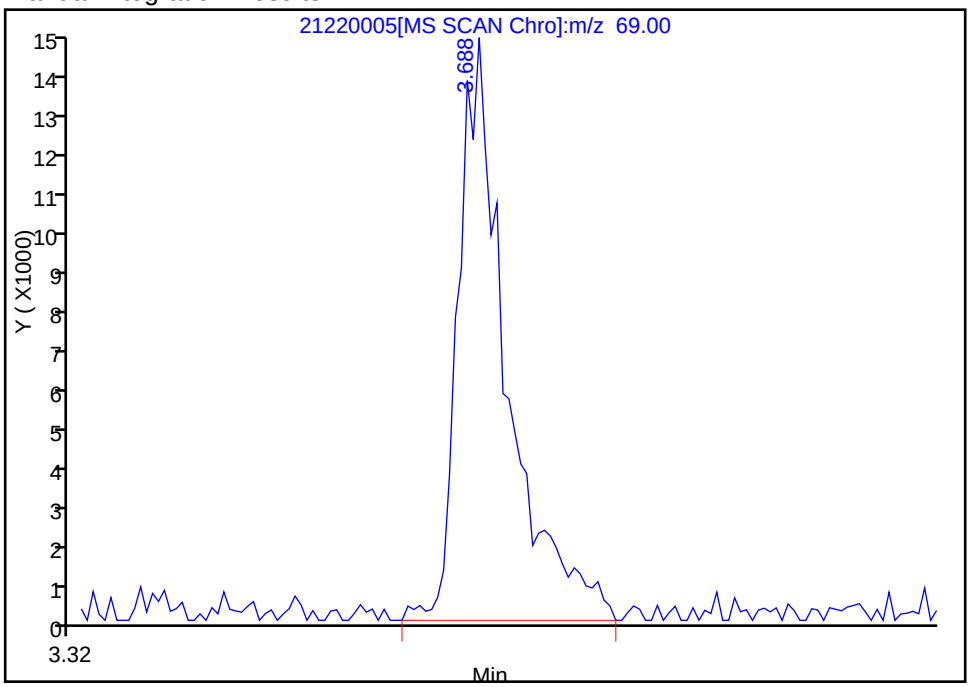
Processing Integration Results

RT: 3.69
Response: 38420
Amount: 0.477965



Manual Integration Results

RT: 3.69
Response: 44136
Amount: 0.531798



Reviewer: ulmanm, 20-Dec-2012 15:24:50
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Manual Integration/User Assign Peak Report

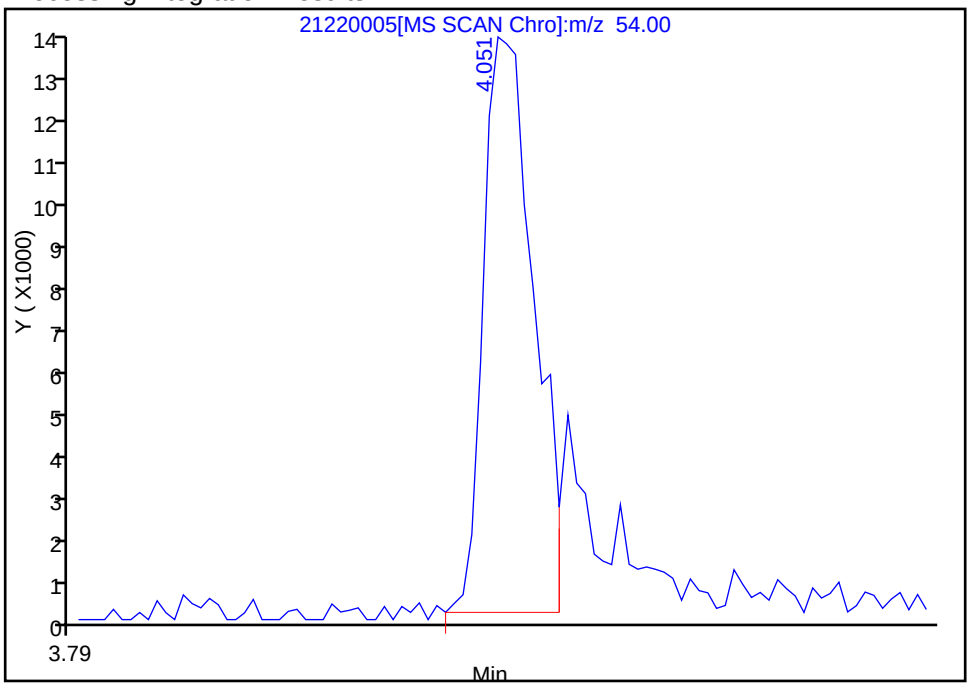
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220005.D		
Injection Date:	20-Dec-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

28 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.05

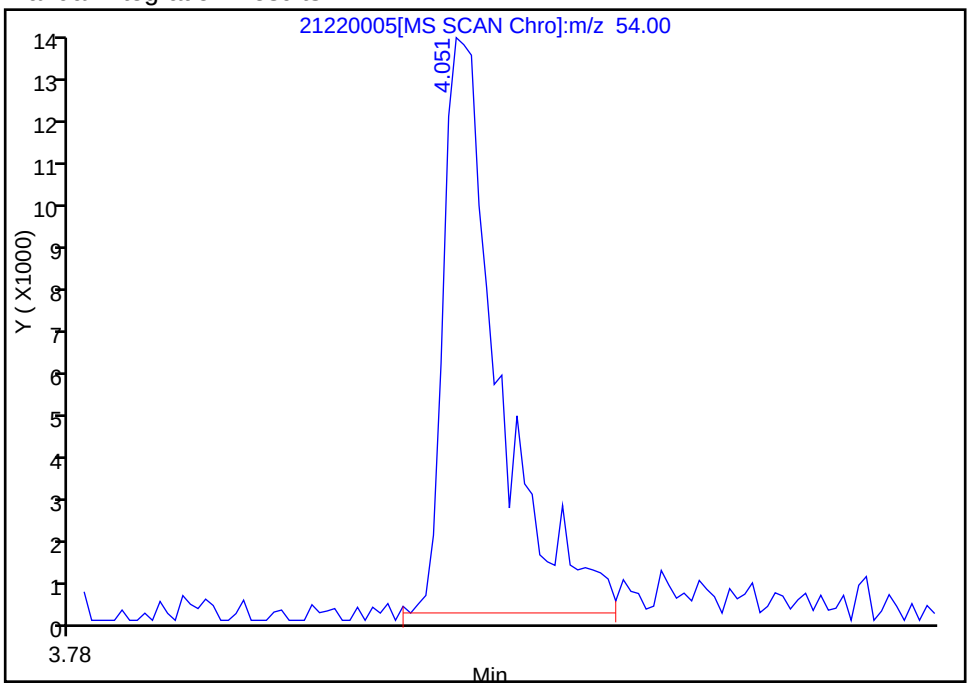
Processing Integration Results

RT: 4.05
Response: 28642
Amount: 0.404922



Manual Integration Results

RT: 4.05
Response: 35914
Amount: 0.455201



Reviewer: ulmanm, 20-Dec-2012 15:24:50
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Manual Integration/User Assign Peak Report

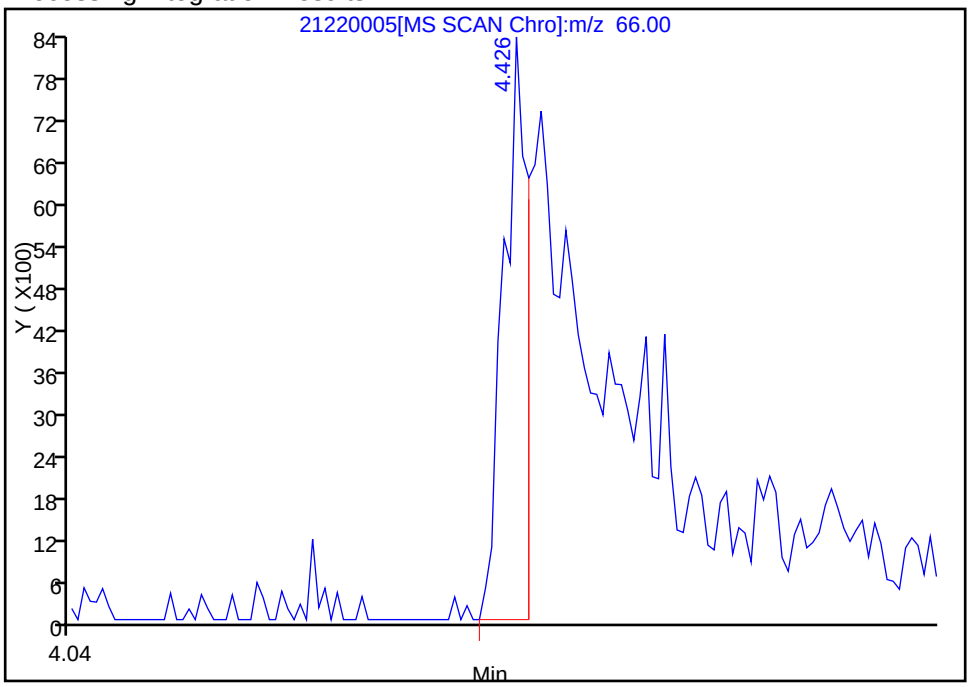
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220005.D		
Injection Date:	20-Dec-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

32 Malononitrile, Signal: 1, m/z: 66.0 Type: quant, RT: 4.39

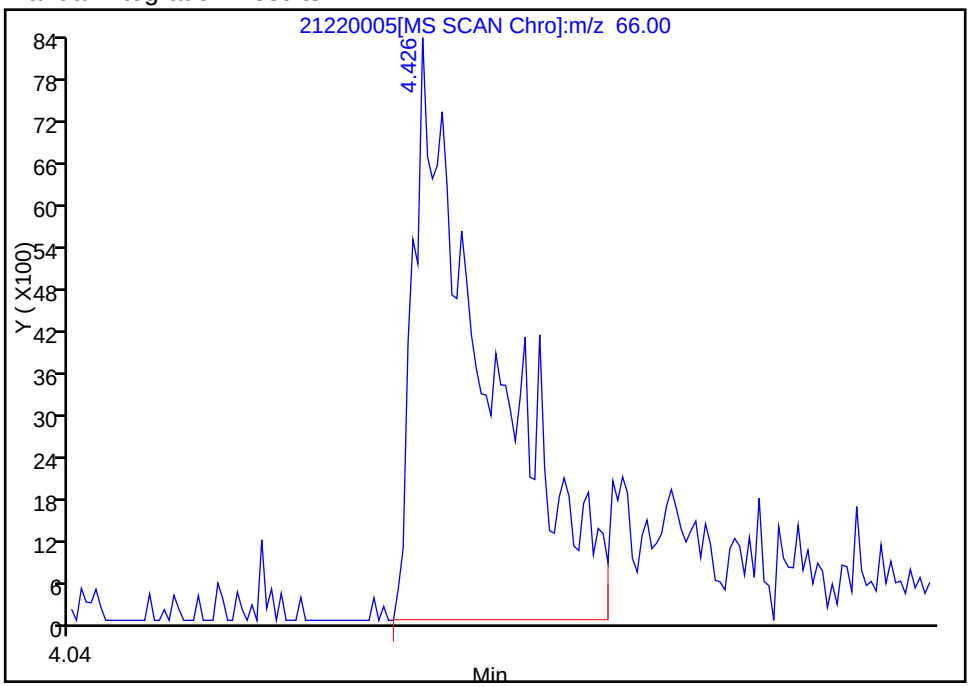
Processing Integration Results

RT: 4.43
Response: 11966
Amount: 0.132944



Manual Integration Results

RT: 4.43
Response: 46620
Amount: 0.395625



Reviewer: ulmanm, 20-Dec-2012 15:24:50
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

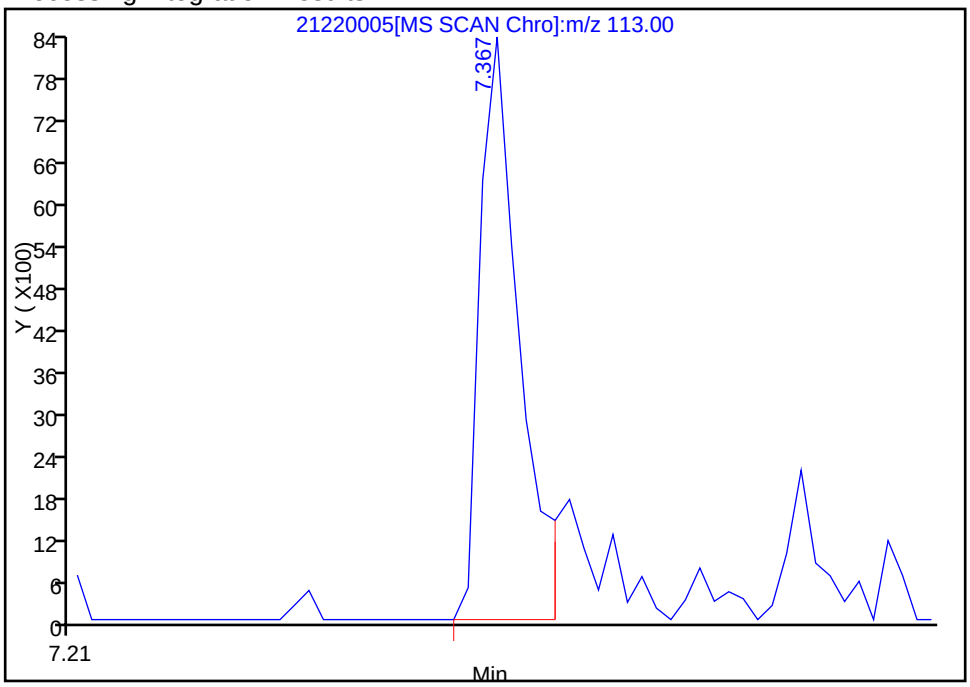
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220005.D		
Injection Date:	20-Dec-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

83 Caprolactam, Signal: 1, m/z: 113.0 Type: quant, RT: 7.37

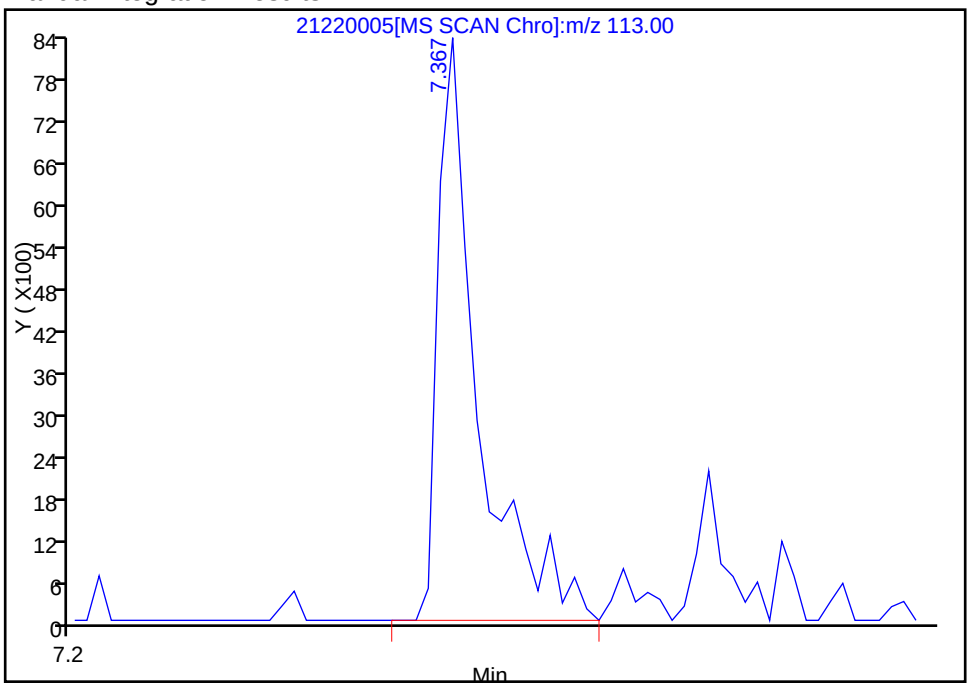
Processing Integration Results

RT: 7.37
Response: 8467
Amount: 0.350861



Manual Integration Results

RT: 7.37
Response: 10209
Amount: 0.400374



Reviewer: ulmanm, 20-Dec-2012 15:24:50
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Manual Integration/User Assign Peak Report

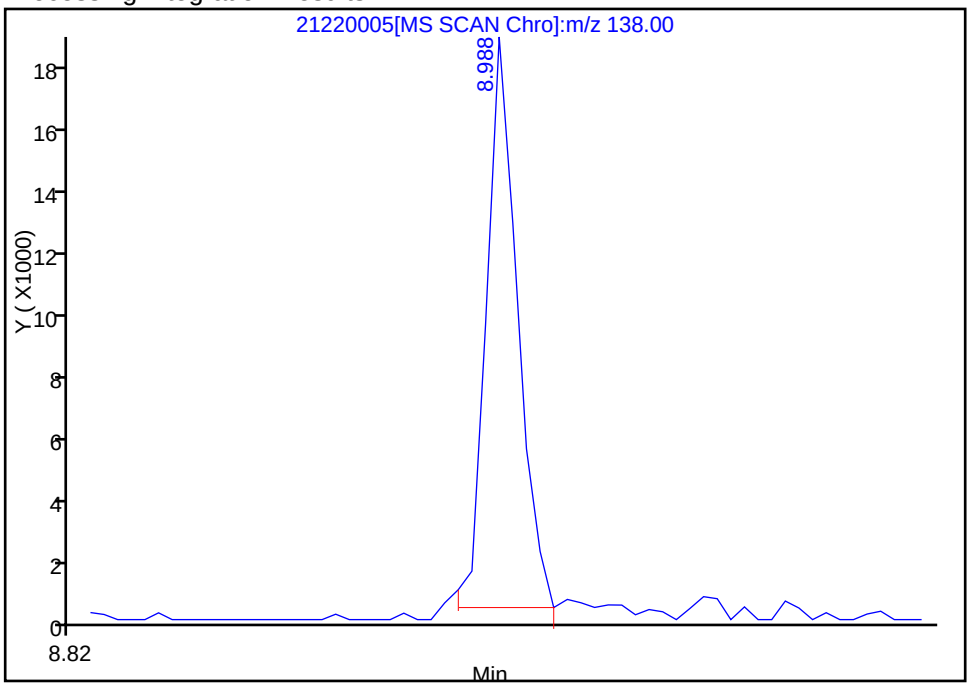
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220005.D		
Injection Date:	20-Dec-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

123 4-Nitroaniline, Signal: 1, m/z: 138.0 Type: quant, RT: 8.99

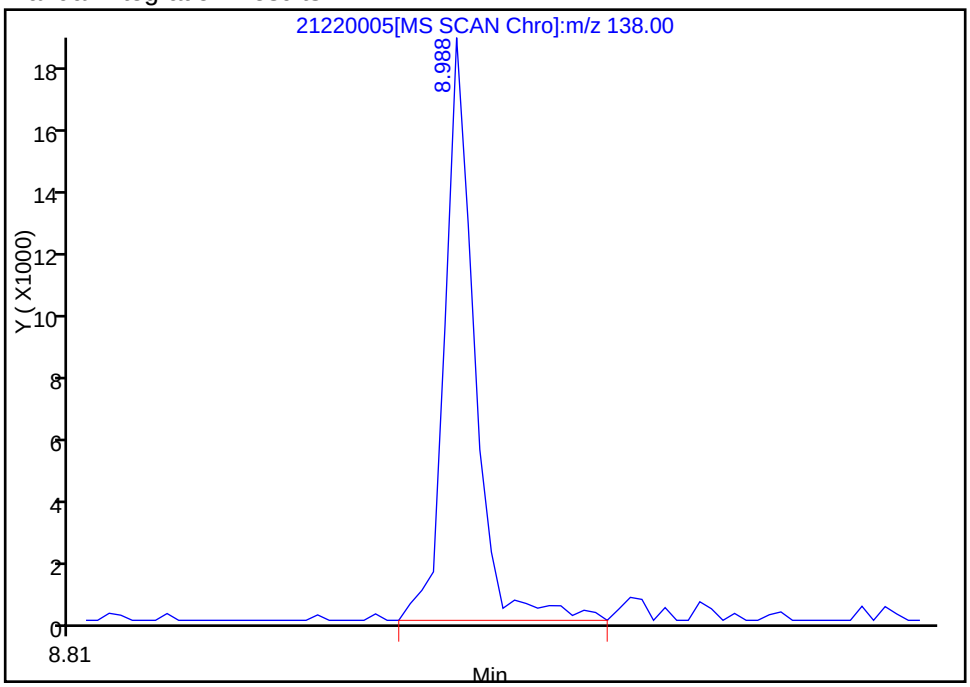
Processing Integration Results

RT: 8.99
Response: 15622
Amount: 0.381599



Manual Integration Results

RT: 8.99
Response: 17836
Amount: 0.374853



Reviewer: ulmanm, 20-Dec-2012 15:24:50
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

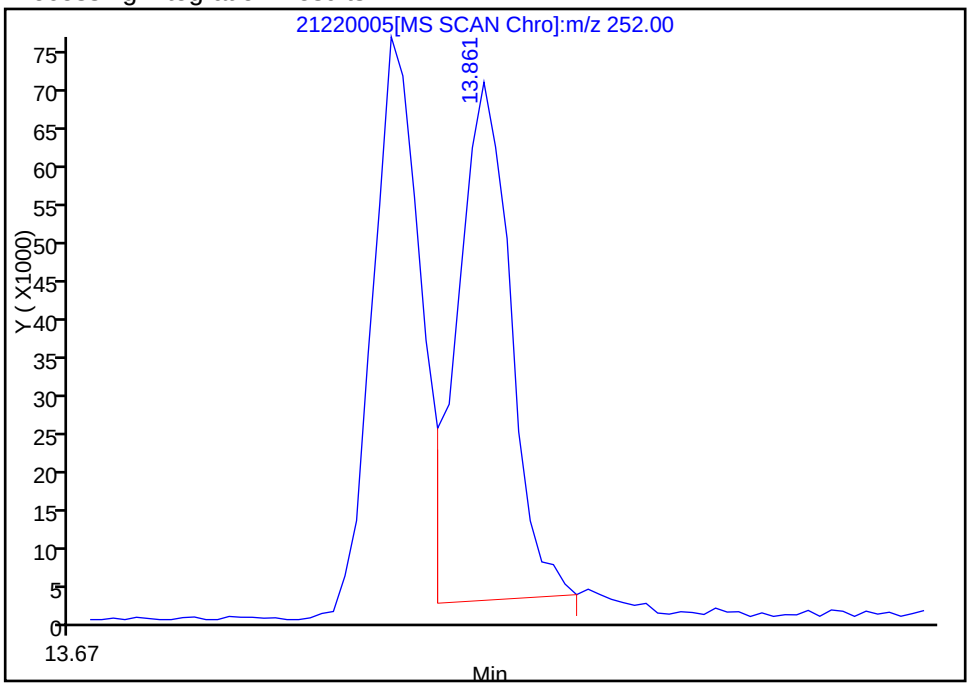
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220005.D		
Injection Date:	20-Dec-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.87

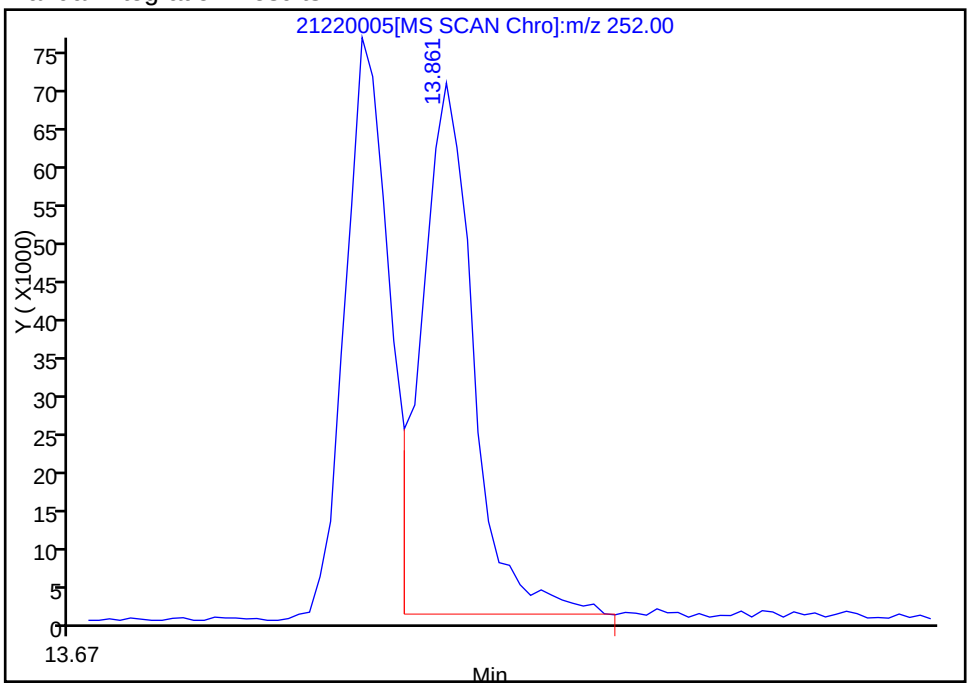
Processing Integration Results

RT: 13.86
Response: 118454
Amount: 0.451930



Manual Integration Results

RT: 13.86
Response: 130001
Amount: 0.439856



Reviewer: ulmanm, 20-Dec-2012 15:24:50
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220006.D		
Lims ID:	std1 tcl	Client ID:	
Inject. Date:	20-Dec-2012 15:21:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0016051-006		
Misc. Info.:	STD1 TCL		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	69576	Lims Sample ID:	6
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\8270_hp7.m		
Last Update:	21-Dec-2012 09:00:58	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	CORP-CTX-18		
First Level Reviewer: ulmanm		Date:	20-Dec-2012 15:41:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.929	5.929	0.0	97	261801	4.00	
* 2 Naphthalene-d8	136	7.041	7.041	0.0	100	1048429	4.00	
* 3 Acenaphthene-d10	164	8.533	8.533	0.0	92	606153	4.00	
* 4 Phenanthrene-d10	188	9.790	9.790	0.0	98	985653	4.00	
* 5 Chrysene-d12	240	12.336	12.336	0.0	98	1001239	4.00	
* 6 Perylene-d12	264	14.401	14.406	-0.005	93	803153	4.00	
$ 9 Nitrobenzene-d5	82	6.415	6.410	0.005	81	11747	0.1017	
$ 10 2-Fluorobiphenyl (Surr)	172	7.945	7.945	0.0	89	20997	0.0967	
$ 12 Terphenyl-d14	244	11.144	11.143	0.001	91	21351	0.1042	
40 Benzaldehyde	77	5.538	5.538	0.0	79	9068	0.1072	
73 Naphthalene	128	7.057	7.062	-0.005	79	26497	0.1034	
85 2-Methylnaphthalene	142	7.646	7.645	0.001	86	16524	0.0983	
86 1-Methylnaphthalene	142	7.731	7.731	0.0	73	15165	0.0962	
95 1,1'-Biphenyl	154	8.036	8.036	0.0	91	20760	0.1041	
98 2-Chloronaphthalene	162	8.063	8.063	0.0	85	18823	0.0994	
107 Acenaphthylene	152	8.416	8.416	0.0	85	23514	0.0944	
110 Acenaphthene	153	8.560	8.560	0.0	90	18204	0.1173	
114 Dibenzofuran	168	8.705	8.704	0.001	86	25918	0.1132	
124 Fluorene	166	8.993	8.993	0.0	85	17575	0.0963	
139 Hexachlorobenzene	284	9.459	9.459	0.0	82	6543	0.1150	
146 Phenanthrene	178	9.812	9.812	0.0	40	28229	0.1067	
147 Anthracene	178	9.855	9.854	0.001	91	24424	0.0925	
157 Fluoranthene	202	10.817	10.817	0.0	91	30264	0.1042	
160 Pyrene	202	11.026	11.026	0.0	94	28355	0.0979	
175 Benzo[a]anthracene	228	12.320	12.320	0.0	44	25477	0.0984	
176 Chrysene	228	12.368	12.368	0.0	59	25791	0.1052	
180 Benzo[b]fluoranthene	252	13.813	13.823	-0.010	85	21557	0.0899	M
181 Benzo[k]fluoranthene	252	13.855	13.866	-0.011	59	22806	0.0886	M
182 Benzo[a]pyrene	252	14.315	14.321	-0.006	58	17530	0.0778	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
186 Indeno[1,2,3-cd]pyrene	276	16.048	16.054	-0.006	69	18738	0.0783	M
187 Dibenz(a,h)anthracene	278	16.086	16.086	0.0	1	16995	0.0835	M
188 Benzo[g,h,i]perylene	276	16.498	16.503	-0.005	74	18657	0.0890	M

QC Flag Legend

Review Flags
M - Manually Integrated

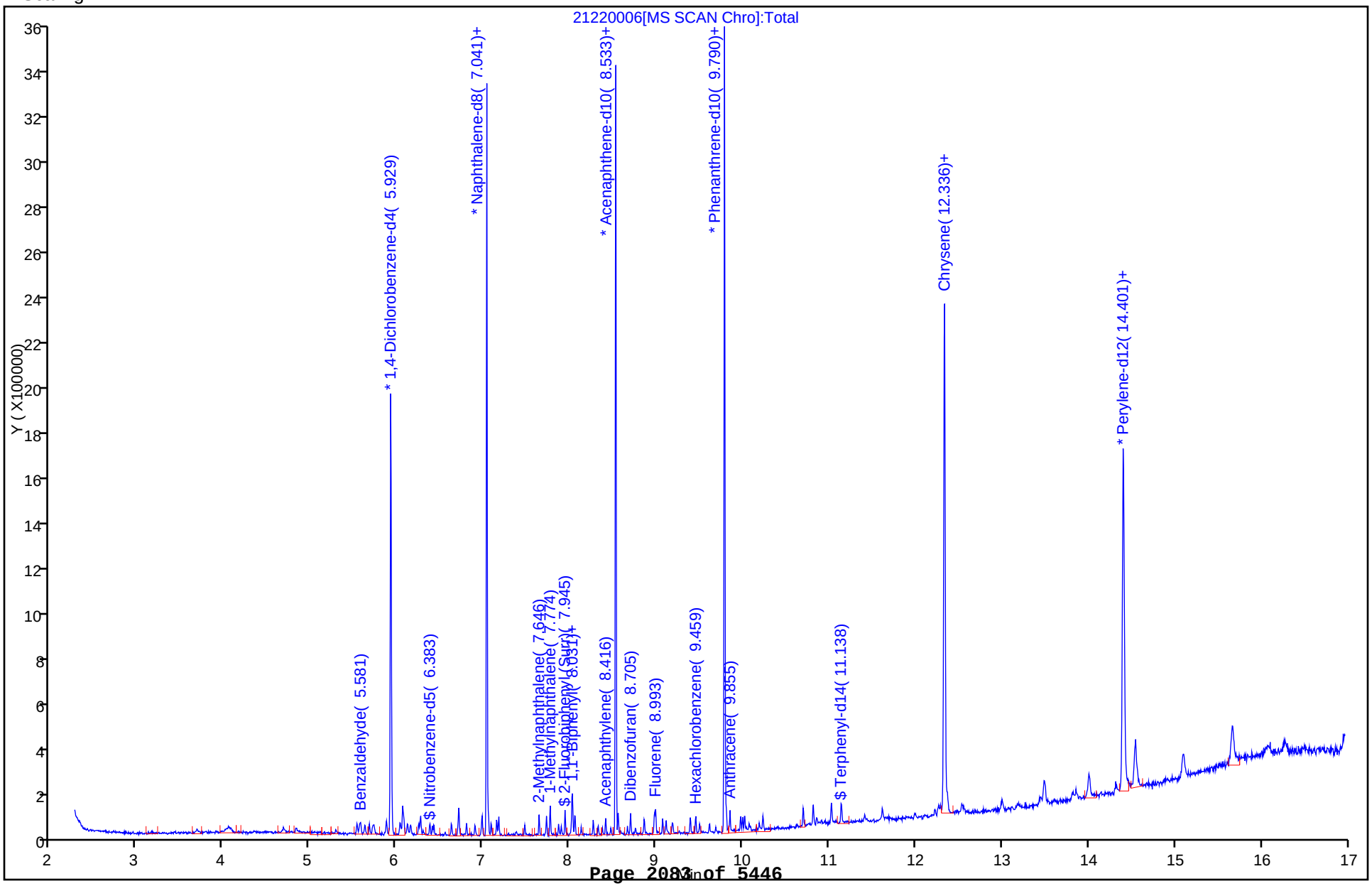
Report Date: 21-Dec-2012 09:00:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220006.D

Injection Date:	20-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Report Date: 21-Dec-2012 09:00:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

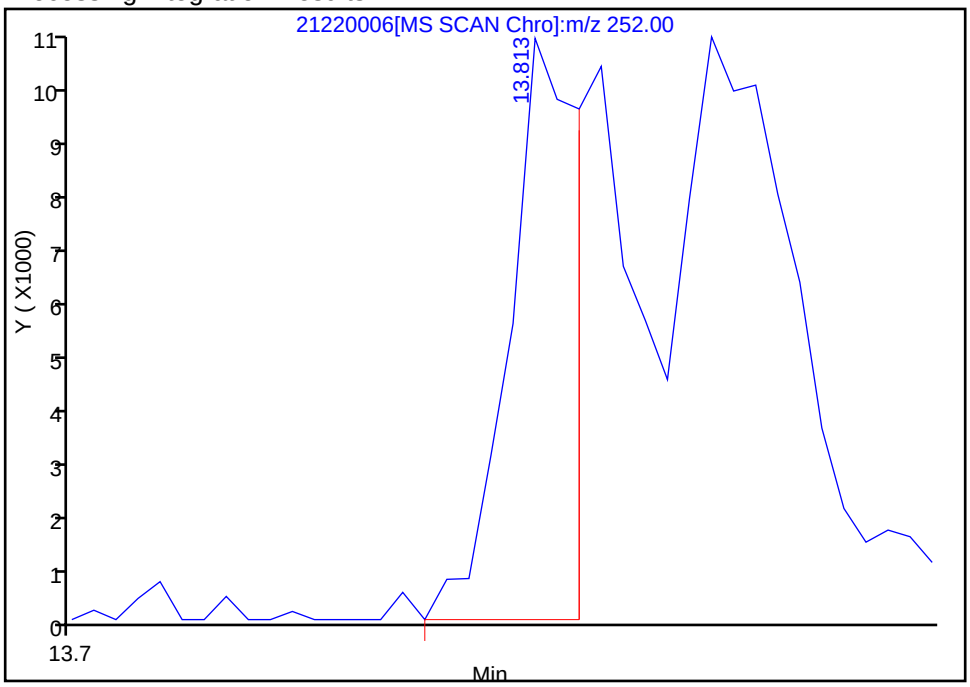
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220006.D		
Injection Date:	20-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.82

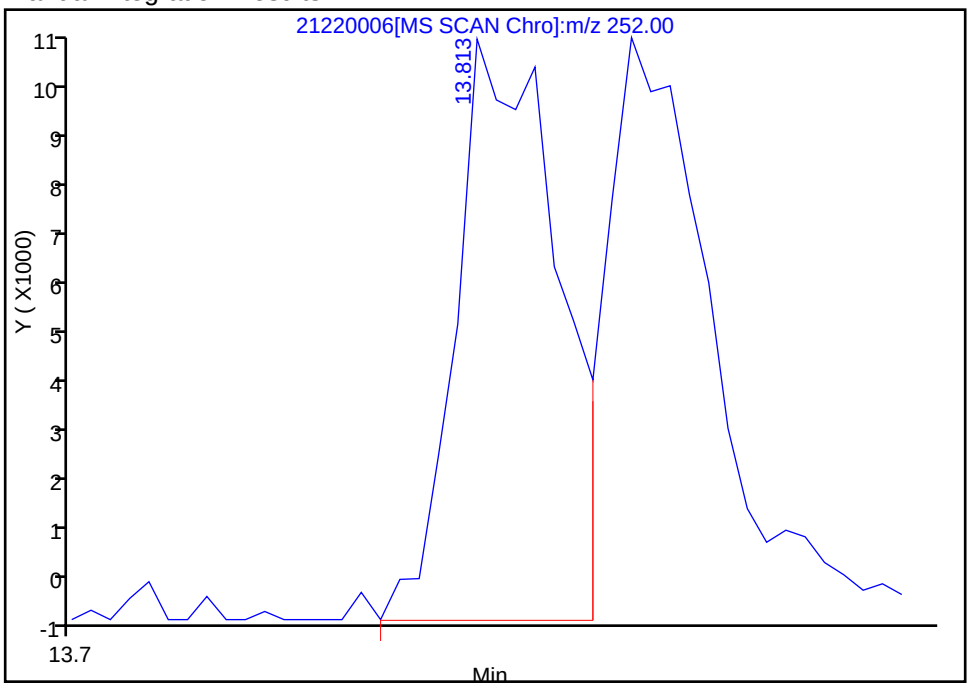
Processing Integration Results

RT: 13.81
Response: 12868
Amount: 0.102126



Manual Integration Results

RT: 13.81
Response: 21557
Amount: 0.089882



Reviewer: ulmanm, 20-Dec-2012 15:41:49
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

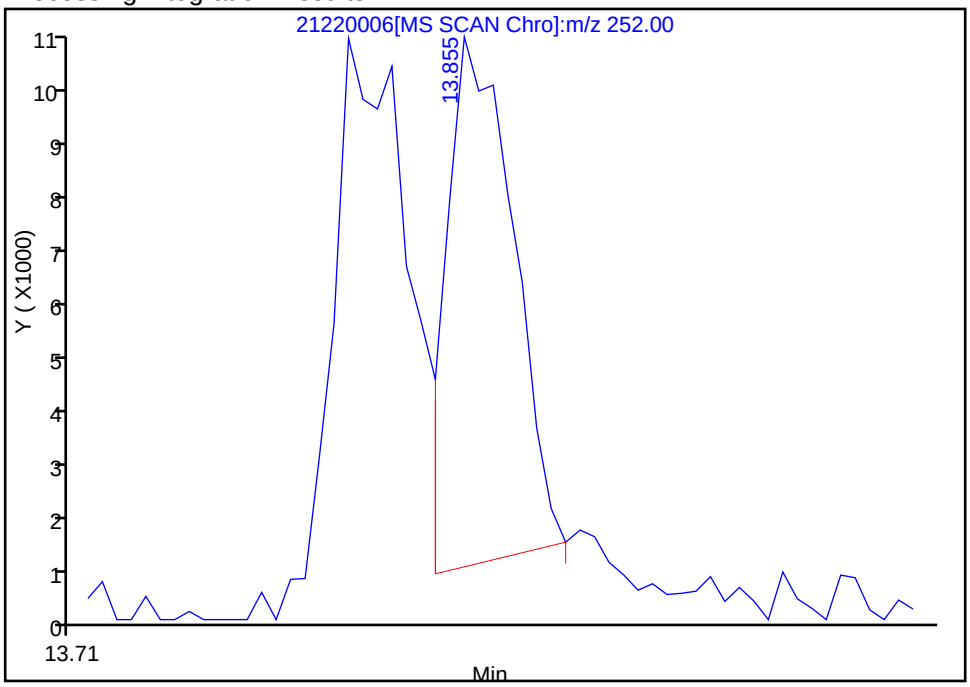
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220006.D		
Injection Date:	20-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.87

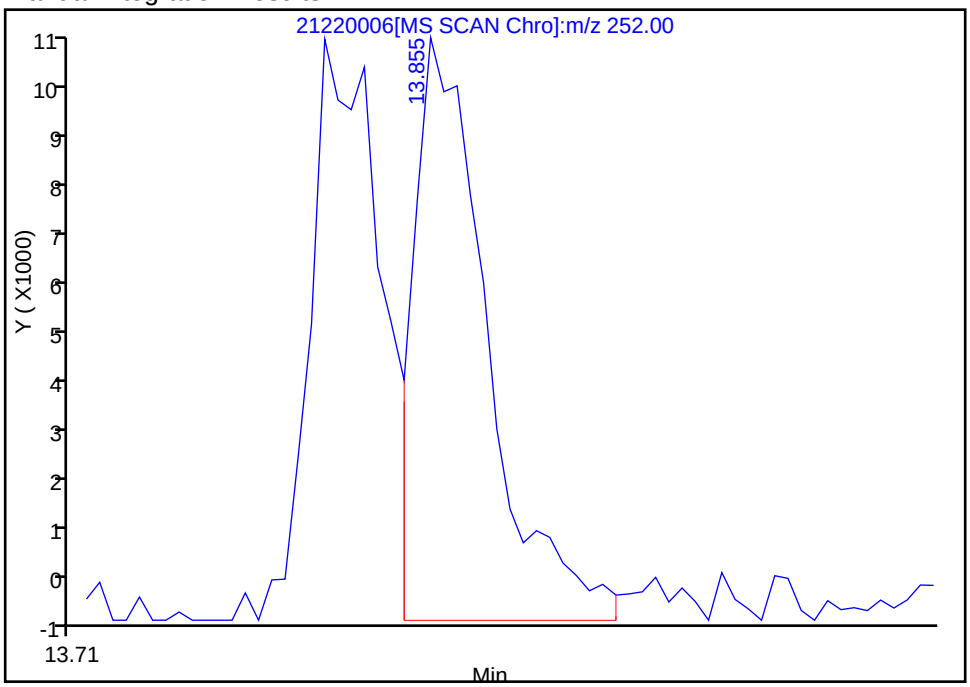
Processing Integration Results

RT: 13.86
Response: 16931
Amount: 0.099248



Manual Integration Results

RT: 13.86
Response: 22806
Amount: 0.088649



Reviewer: ulmanm, 20-Dec-2012 15:41:49
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

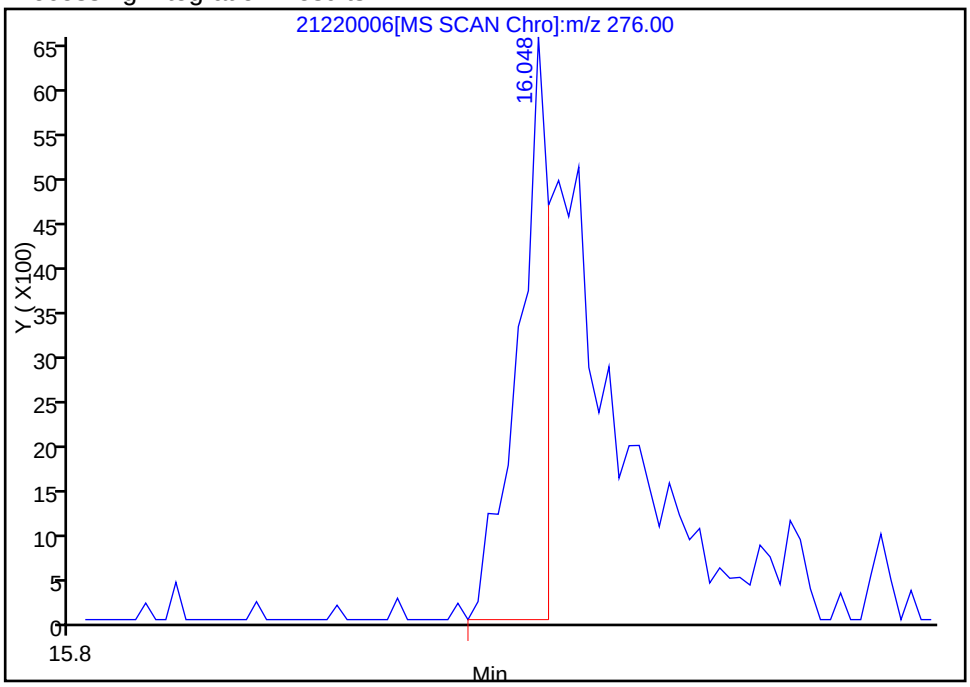
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220006.D		
Injection Date:	20-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.05

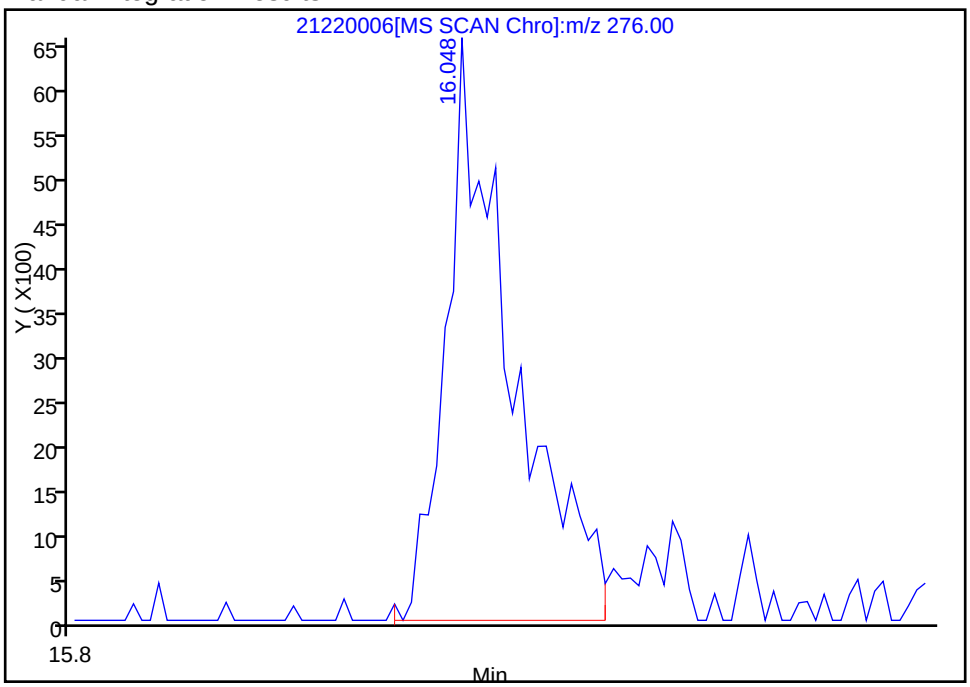
Processing Integration Results

RT: 16.05
Response: 7229
Amount: 0.106465



Manual Integration Results

RT: 16.05
Response: 18738
Amount: 0.078326



Reviewer: ulmanm, 20-Dec-2012 15:41:49
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Report Date: 21-Dec-2012 09:00:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

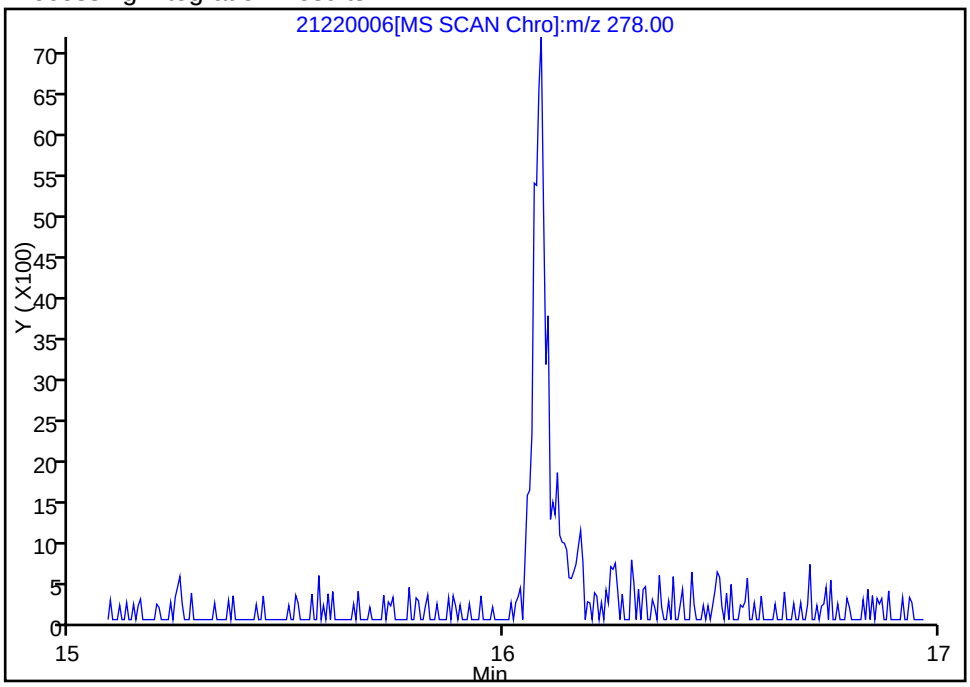
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220006.D		
Injection Date:	20-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.09

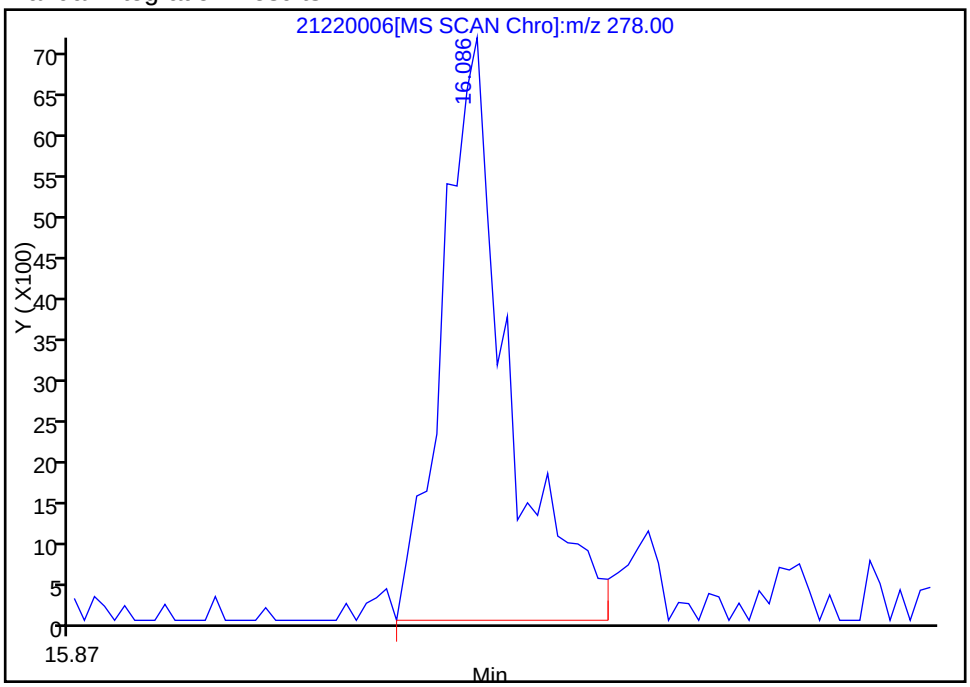
Processing Integration Results

Not Detected
Expected RT: 16.09



Manual Integration Results

RT: 16.09
Response: 16995
Amount: 0.083463



Reviewer: ulmanm, 20-Dec-2012 15:41:49
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

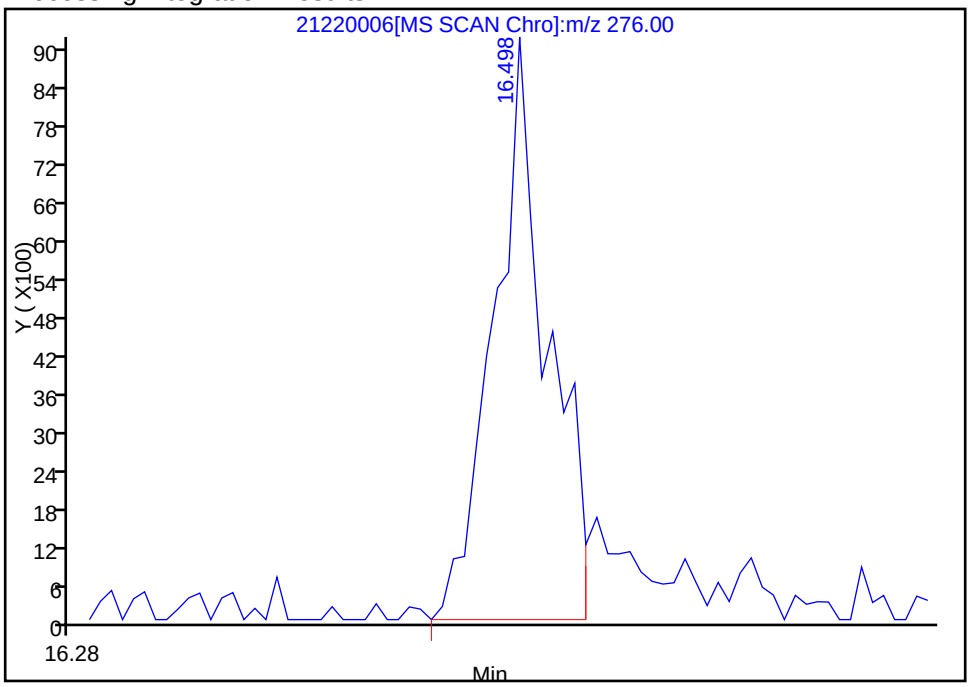
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220006.D		
Injection Date:	20-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.50

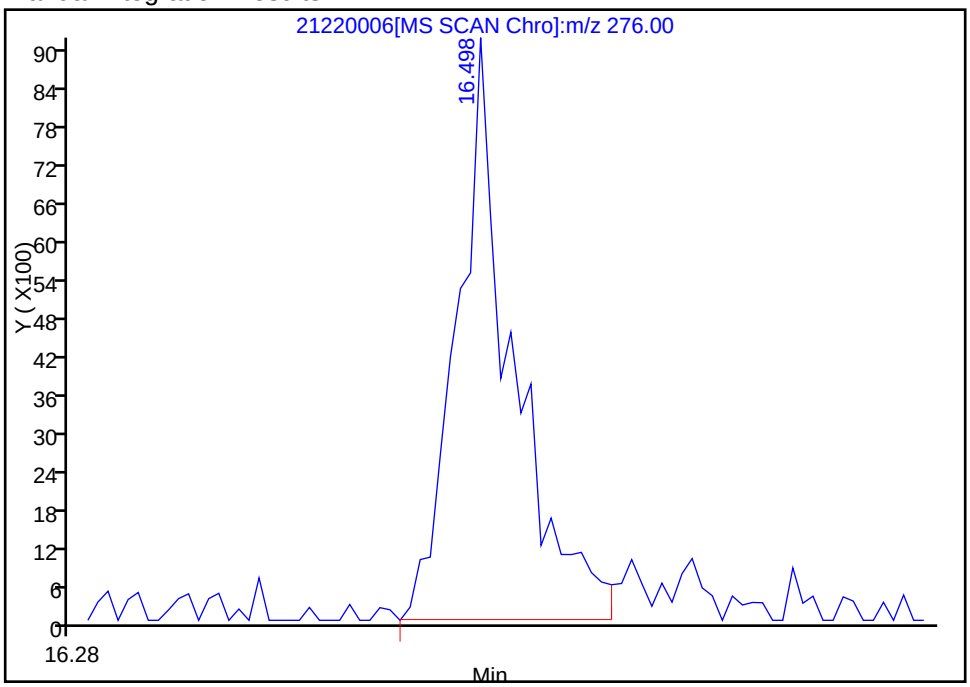
Processing Integration Results

RT: 16.50
Response: 16600
Amount: 0.085748



Manual Integration Results

RT: 16.50
Response: 18657
Amount: 0.089040



Reviewer: ulmanm, 20-Dec-2012 15:41:49
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220007.D		
Lims ID:	std9 tcl	Client ID:	
Inject. Date:	20-Dec-2012 15:45:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	9
Sample ID:	240-0016051-007		
Misc. Info.:	STD9 TCL =STD9 TCL		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	69576	Lims Sample ID:	7
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\8270_hp7.m		
Last Update:	21-Dec-2012 09:01:00	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	CORP-CTX-18		
First Level Reviewer: ulmanm		Date:	21-Dec-2012 08:49:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.934	5.929	0.005	96	251240	4.00	
* 2 Naphthalene-d8	136	7.041	7.041	0.0	100	1003558	4.00	
* 3 Acenaphthene-d10	164	8.533	8.533	0.0	88	594962	4.00	
* 4 Phenanthrene-d10	188	9.790	9.790	0.0	98	992978	4.00	
* 5 Chrysene-d12	240	12.342	12.336	0.006	96	1031474	4.00	
* 6 Perylene-d12	264	14.406	14.406	0.0	92	866576	4.00	
$ 7 2-Fluorophenol	112	4.688	4.688	0.0	94	2041401	26.5	
$ 8 Phenol-d5	99	5.570	5.570	0.0	82	2728154	26.6	
$ 9 Nitrobenzene-d5	82	6.415	6.410	0.005	91	2955279	26.7	
$ 10 2-Fluorobiphenyl (Surr)	172	7.950	7.945	0.005	99	5843640	27.4	
$ 11 2,4,6-Tribromophenol	330	9.197	9.197	0.0	84	577603	28.9	
$ 12 Terphenyl-d14	244	11.143	11.143	0.0	99	5631709	26.7	
24 1,4-Dioxane	88	2.564	2.559	0.005	97	853691	24.0	M
25 N-Nitrosodimethylamine	74	3.024	3.030	-0.006	89	1294741	26.5	
26 Pyridine	79	3.078	3.088	-0.010	91	2309707	26.5	M
27 Ethyl methacrylate	69	3.687	3.687	0.0	90	1783332	25.1	
28 3-Chloropropionitrile	54	4.051	4.051	0.0	85	1809718	26.7	
32 Malononitrile	66	4.388	4.388	0.0	96	2852208	28.2	
40 Benzaldehyde	77	5.538	5.538	0.0	90	1592617	19.6	
41 Phenol	94	5.586	5.581	0.005	98	2782155	25.9	
43 Aniline	93	5.634	5.629	0.005	97	3656863	26.2	
44 Bis(2-chloroethyl)ether	93	5.683	5.683	-0.001	93	2654445	25.4	
46 2-Chlorophenol	128	5.736	5.736	0.0	96	2207416	26.0	
47 1,3-Dichlorobenzene	146	5.880	5.880	0.0	95	2815243	25.6	
48 1,4-Dichlorobenzene	146	5.945	5.945	0.0	91	2395973	26.2	
49 Benzyl alcohol	108	6.041	6.041	0.0	87	1400111	26.4	
50 1,2-Dichlorobenzene	146	6.084	6.084	0.0	94	2713424	25.7	
51 2-Methylphenol	108	6.126	6.126	0.0	97	2042833	26.5	
52 2,2'-oxybis[1-chloropropane]	45	6.159	6.159	0.0	91	3802183	25.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.260	6.255	0.005	96	2173792	26.2	
56 N-Nitrosodi-n-propylamine	70	6.276	6.271	0.005	87	1622895	26.2	
57 Acetophenone	105	6.282	6.276	0.006	91	3141474	26.2	
60 Hexachloroethane	117	6.383	6.383	0.0	92	1126908	26.0	
61 Nitrobenzene	77	6.431	6.431	0.0	87	3036837	26.6	
63 Isophorone	82	6.635	6.629	0.006	97	4489379	27.0	
65 2-Nitrophenol	139	6.709	6.704	0.005	95	1166957	28.4	
66 1,3,5-Trichlorobenzene	180	6.720	6.715	0.005	95	2306367	25.8	
64 2,4-Dimethylphenol	107	6.720	6.720	0.0	94	2223777	26.1	
69 Benzoic acid	122	6.811	6.763	0.048	44	2792366	49.2	
68 Bis(2-chloroethoxy)methane	93	6.811	6.806	0.005	98	3239139	25.9	
71 2,4-Dichlorophenol	162	6.907	6.907	0.0	96	1806669	27.1	
72 1,2,4-Trichlorobenzene	180	6.988	6.988	0.0	92	2331291	26.1	
73 Naphthalene	128	7.062	7.062	0.0	98	6259631	25.5	
74 4-Chloroaniline	127	7.095	7.089	0.006	83	2787171	26.9	
77 Hexachlorobutadiene	225	7.159	7.159	0.0	93	1252096	25.8	
78 1,2,3-Trichlorobenzene	180	7.180	7.180	0.0	92	2247824	0	
83 Caprolactam	113	7.394	7.367	0.027	74	551340	25.0	
84 4-Chloro-3-methylphenol	107	7.485	7.480	0.005	96	1941907	27.3	
85 2-Methylnaphthalene	142	7.645	7.645	0.0	88	4254799	26.4	
86 1-Methylnaphthalene	142	7.731	7.731	0.0	83	3979891	26.4	
88 Hexachlorocyclopentadiene	237	7.779	7.774	0.005	80	1444927	28.7	
87 1,2,3,5-Tetrachlorobenzene	216	7.774	7.774	0.0	90	2211059	25.9	
90 2,4,6-Trichlorophenol	196	7.875	7.875	0.0	94	1302741	27.8	
91 2,4,5-Trichlorophenol	196	7.908	7.902	0.006	94	1418284	27.7	
94 2,4-Toluene diamine	121	8.020	8.015	0.005	96	1099597	23.0	
96 1,2,3,4 -Tetrachlorobenzene	216	8.031	8.031	0.0	93	2173811	0	
95 1,1'-Biphenyl	154	8.036	8.036	0.0	94	5171862	26.4	
98 2-Chloronaphthalene	162	8.063	8.063	0.0	96	5013766	27.0	
100 2-Nitroaniline	65	8.138	8.132	0.006	79	1516309	28.8	
103 Dimethyl phthalate	163	8.277	8.271	0.006	98	4688930	27.4	
105 2,6-Dinitrotoluene	165	8.335	8.330	0.005	88	1245170	24.8	
106 1,2-Dinitrobenzene	168	8.384	8.378	0.006	87	616811	24.8	
107 Acenaphthylene	152	8.416	8.416	0.0	96	6780546	27.7	
108 3-Nitroaniline	138	8.480	8.475	0.006	89	1206771	28.7	
110 Acenaphthene	153	8.560	8.560	0.0	92	3935098	25.8	
109 2,4-Dinitrophenol	184	8.565	8.560	0.005	71	1184333	49.1	
111 4-Nitrophenol	109	8.592	8.587	0.005	94	742261	24.8	
112 2,4-Dinitrotoluene	165	8.678	8.672	0.006	91	1680879	24.8	
114 Dibenzofuran	168	8.704	8.704	0.0	89	5953306	26.5	
115 2,3,5,6-Tetrachlorophenol	232	8.763	8.763	0.0	88	1162230	28.7	
119 Diethyl phthalate	149	8.865	8.865	0.0	96	4698931	27.5	
121 4-Chlorophenyl phenyl ether	204	8.983	8.983	0.0	93	2673524	26.8	
123 4-Nitroaniline	138	8.999	8.988	0.011	51	1198378	28.7	
124 Fluorene	166	8.999	8.993	0.006	76	4791852	26.8	
126 4,6-Dinitro-2-methylphenol	198	9.020	9.015	0.005	75	809696	24.5	
130 N-Nitrosodiphenylamine	169	9.079	9.074	0.005	0	3606229	26.8	
129 1,2-Diphenylhydrazine	77	9.116	9.116	0.0	0	5601292	27.0	
131 Azobenzene	77	9.116	9.116	0.0	99	5601292	27.0	
137 4-Bromophenyl phenyl ether	248	9.400	9.394	0.006	65	1488893	25.9	
139 Hexachlorobenzene	284	9.464	9.459	0.005	88	1457245	25.4	
140 Atrazine	200	9.507	9.507	0.0	88	951828	25.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.619	9.614	0.005	87	1774691	54.1	
146 Phenanthrene	178	9.812	9.812	0.0	97	6956936	26.1	
147 Anthracene	178	9.854	9.854	0.0	98	7091388	26.6	
149 Carbazole	167	9.977	9.977	0.0	82	6786107	26.6	
151 Di-n-butyl phthalate	149	10.234	10.234	0.0	100	7701422	26.7	
157 Fluoranthene	202	10.817	10.817	0.0	97	7640350	26.1	
158 Benzidine	184	10.913	10.913	0.0	99	3289528	24.6	
160 Pyrene	202	11.031	11.026	0.005	95	7745522	26.0	
166 Butyl benzyl phthalate	149	11.620	11.620	0.0	96	3482858	28.8	
170 3,3'-Dimethoxybenzidine	244	12.229	12.224	0.005	89	1788715	24.5	
173 3,3'-Dichlorobenzidine	252	12.272	12.267	0.005	70	2721034	27.8	
172 4,4'-Methylene bis(2-chloroanili	231	12.272	12.267	0.005	74	1307308	24.9	
171 Bis(2-ethylhexyl) phthalate	149	12.288	12.288	0.0	97	4977048	24.9	
175 Benzo[a]anthracene	228	12.326	12.320	0.006	95	7267592	27.3	
176 Chrysene	228	12.374	12.368	0.006	96	6726083	26.6	
178 Di-n-octyl phthalate	149	13.197	13.192	0.005	99	8574021	24.9	
180 Benzo[b]fluoranthene	252	13.828	13.823	0.005	93	7210701	27.9	
181 Benzo[k]fluoranthene	252	13.871	13.866	0.005	95	7630734	27.5	
182 Benzo[a]pyrene	252	14.331	14.321	0.010	74	7065369	29.0	
186 Indeno[1,2,3-cd]pyrene	276	16.070	16.054	0.016	94	7343227	28.4	
187 Dibenz(a,h)anthracene	278	16.096	16.086	0.010	77	6265172	28.5	
188 Benzo[g,h,i]perylene	276	16.519	16.503	0.016	92	6283712	27.8	
S 189 Methyl Phenols,Total	100				0		26.5	

QC Flag Legend

Review Flags
M - Manually Integrated

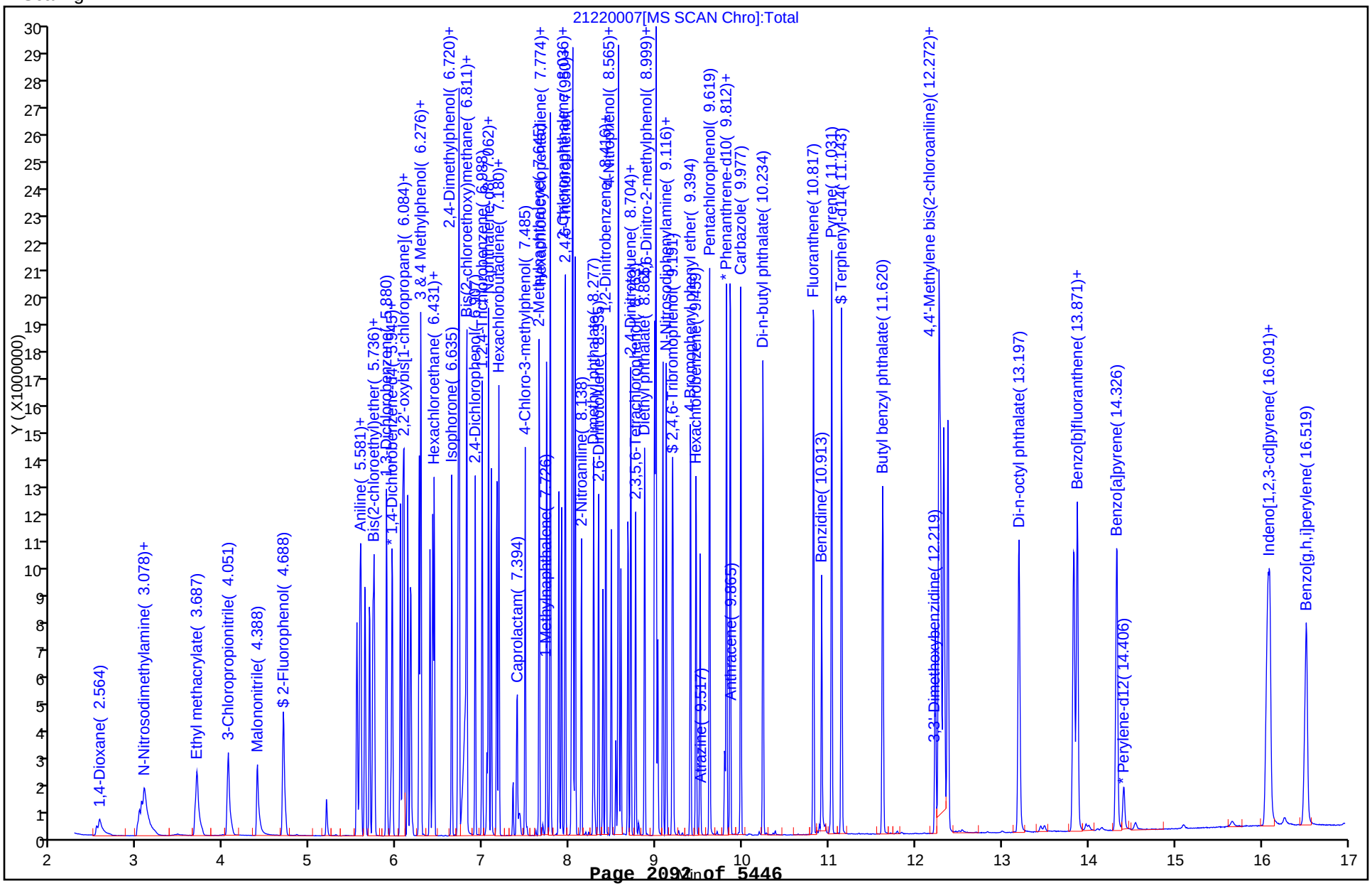
Report Date: 21-Dec-2012 09:01:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220007.D

Injection Date:	20-Dec-2012 15:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

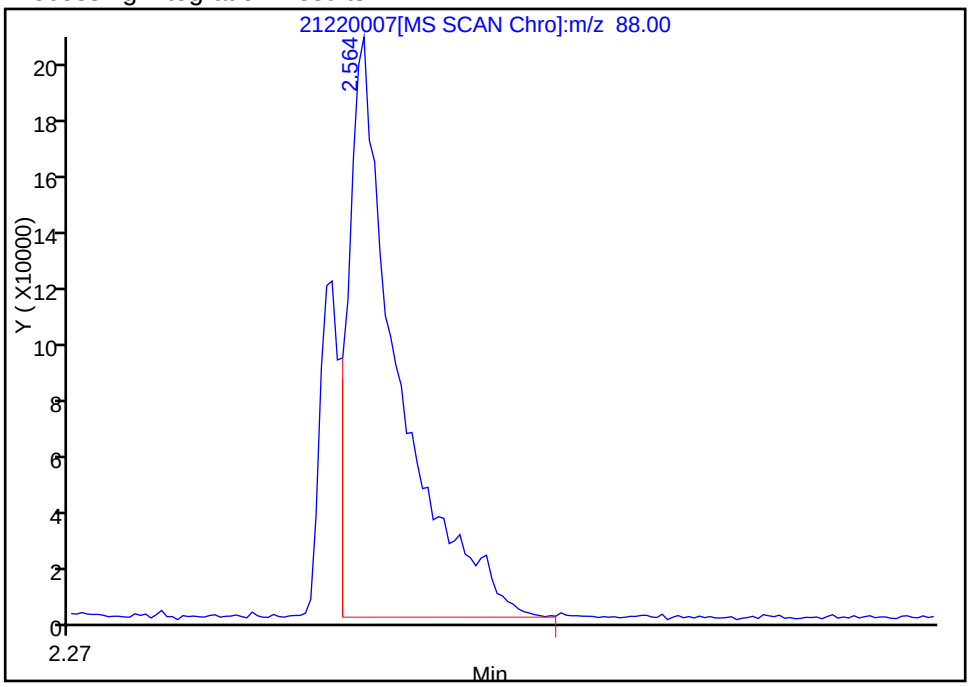
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220007.D		
Injection Date:	20-Dec-2012 15:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.56

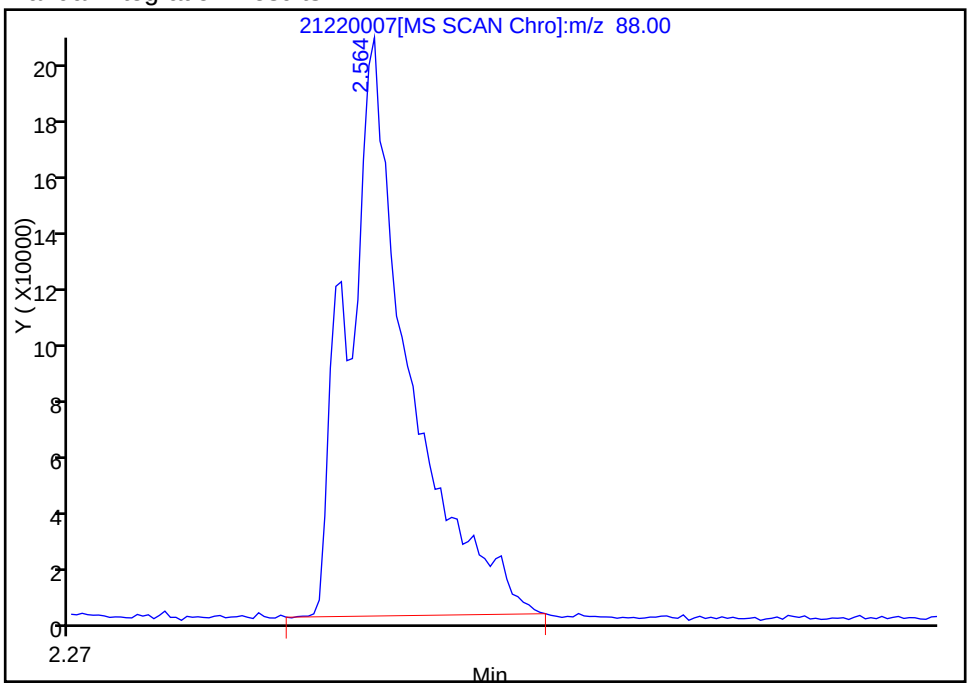
Processing Integration Results

RT: 2.56
Response: 718380
Amount: 25.011764



Manual Integration Results

RT: 2.56
Response: 853691
Amount: 24.021921



Reviewer: ulmanm, 21-Dec-2012 08:49:14
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

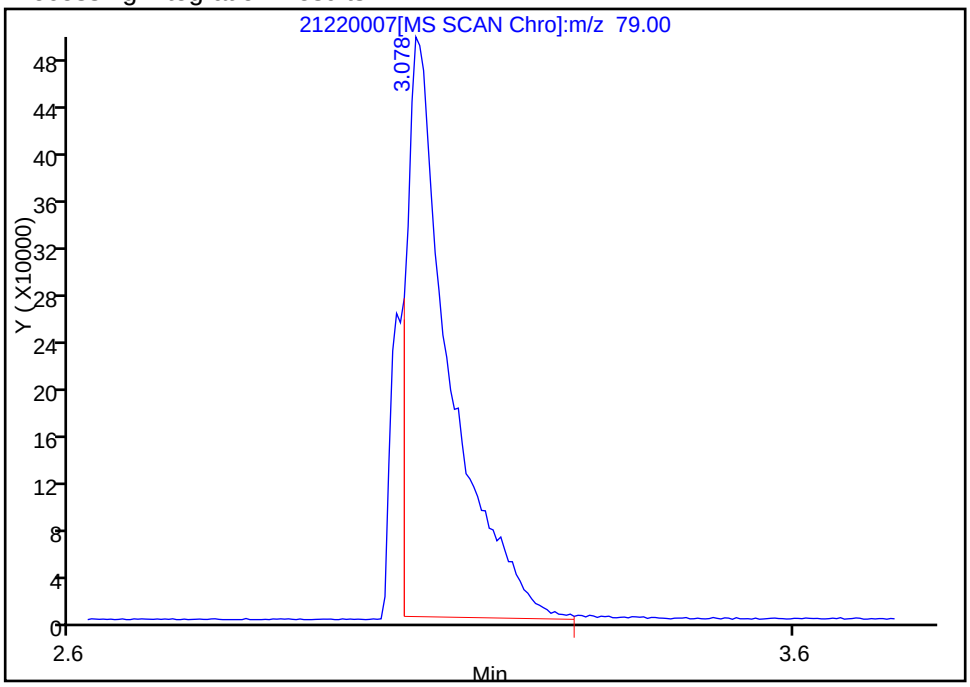
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220007.D		
Injection Date:	20-Dec-2012 15:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.09

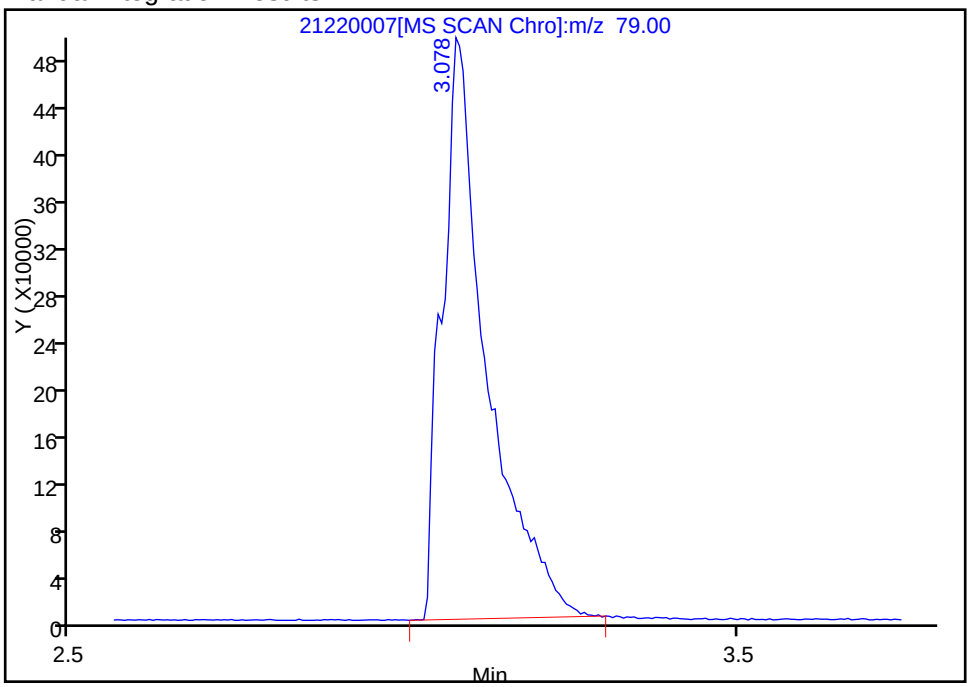
Processing Integration Results

RT: 3.08
Response: 2030453
Amount: 24.239745



Manual Integration Results

RT: 3.08
Response: 2309707
Amount: 26.494723



Reviewer: ulmanm, 21-Dec-2012 08:49:14
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220008.D
Lims ID: std8 tcl
Client ID:
Inject. Date: 20-Dec-2012 16:08:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 8
Sample ID: 240-0016051-008
Misc. Info.: STD8 TCL
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 8
Lims Batch ID: 69576
Lims Sample ID: 8
Sublist: chrom-8270_hp7*sub15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\8270_hp7.m
Last Update: 21-Dec-2012 09:01:01
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm
Date: 21-Dec-2012 08:51:11

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.929	5.929	0.0	96	312176	4.00	
* 2 Naphthalene-d8	136	7.041	7.041	0.0	100	1232909	4.00	
* 3 Acenaphthene-d10	164	8.533	8.533	0.0	91	741521	4.00	
* 4 Phenanthrene-d10	188	9.790	9.790	0.0	97	1202787	4.00	
* 5 Chrysene-d12	240	12.342	12.336	0.006	89	1278821	4.00	
* 6 Perylene-d12	264	14.406	14.406	0.0	96	1084319	4.00	
$ 7 2-Fluorophenol	112	4.688	4.688	0.0	94	2010242	21.0	
$ 8 Phenol-d5	99	5.570	5.570	0.0	88	2654062	20.8	
$ 9 Nitrobenzene-d5	82	6.415	6.410	0.005	90	2946631	21.7	
$ 10 2-Fluorobiphenyl (Surr)	172	7.950	7.945	0.005	99	5716272	21.5	
$ 11 2,4,6-Tribromophenol	330	9.197	9.197	0.0	87	569782	22.9	
$ 12 Terphenyl-d14	244	11.144	11.143	0.001	99	5587067	21.4	
24 1,4-Dioxane	88	2.564	2.559	0.005	96	845342	19.1	M
25 N-Nitrosodimethylamine	74	3.024	3.030	-0.006	86	1314443	21.6	
26 Pyridine	79	3.078	3.088	-0.010	89	2358540	21.8	
27 Ethyl methacrylate	69	3.688	3.687	0.001	90	1794987	20.3	
28 3-Chloropropionitrile	54	4.051	4.051	0.0	86	1819270	21.6	
32 Malononitrile	66	4.388	4.388	0.0	97	2846337	22.7	
40 Benzaldehyde	77	5.538	5.538	0.0	91	1720625	17.1	
41 Phenol	94	5.586	5.581	0.005	98	2842149	21.3	
43 Aniline	93	5.629	5.629	0.0	97	3628133	20.9	
44 Bis(2-chloroethyl)ether	93	5.683	5.683	0.0	93	2651768	20.5	
46 2-Chlorophenol	128	5.736	5.736	0.0	96	2214958	21.0	
47 1,3-Dichlorobenzene	146	5.881	5.880	0.001	95	2826008	20.6	
48 1,4-Dichlorobenzene	146	5.945	5.945	0.0	91	2346933	20.6	
49 Benzyl alcohol	108	6.041	6.041	0.0	88	1395777	21.2	
50 1,2-Dichlorobenzene	146	6.084	6.084	0.0	94	2663205	20.3	
51 2-Methylphenol	108	6.127	6.126	0.001	97	2035000	21.2	
52 2,2'-oxybis[1-chloropropane]	45	6.159	6.159	0.0	91	3791120	20.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.260	6.255	0.005	97	2175565	21.1	
56 N-Nitrosodi-n-propylamine	70	6.276	6.271	0.005	88	1611667	20.9	
57 Acetophenone	105	6.282	6.276	0.006	90	3091980	20.8	
60 Hexachloroethane	117	6.383	6.383	0.0	92	1113757	20.7	
61 Nitrobenzene	77	6.431	6.431	0.0	91	3055559	21.7	
63 Isophorone	82	6.635	6.629	0.006	97	4478203	21.9	
65 2-Nitrophenol	139	6.704	6.704	0.0	94	1156475	22.9	
66 1,3,5-Trichlorobenzene	180	6.715	6.715	0.0	94	2244077	20.4	
64 2,4-Dimethylphenol	107	6.720	6.720	0.0	96	2189369	20.9	
69 Benzoic acid	122	6.811	6.763	0.048	48	2848692	41.7	
68 Bis(2-chloroethoxy)methane	93	6.811	6.806	0.005	98	3298779	21.5	
71 2,4-Dichlorophenol	162	6.907	6.907	0.0	96	1791621	21.9	
72 1,2,4-Trichlorobenzene	180	6.988	6.988	0.0	92	2334738	21.3	
73 Naphthalene	128	7.063	7.062	0.001	97	6321272	21.0	
74 4-Chloroaniline	127	7.095	7.089	0.006	83	2745528	21.6	
77 Hexachlorobutadiene	225	7.159	7.159	0.0	93	1239603	20.8	
78 1,2,3-Trichlorobenzene	180	7.180	7.180	0.0	89	2198066	0	
83 Caprolactam	113	7.389	7.367	0.022	73	563097	20.8	
84 4-Chloro-3-methylphenol	107	7.485	7.480	0.005	96	1934952	22.1	
85 2-Methylnaphthalene	142	7.646	7.645	0.001	87	4220039	21.3	
86 1-Methylnaphthalene	142	7.731	7.731	0.0	91	3991903	21.5	
88 Hexachlorocyclopentadiene	237	7.779	7.774	0.005	88	1387363	22.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.774	7.774	0.0	91	2212677	20.8	
90 2,4,6-Trichlorophenol	196	7.876	7.875	0.001	93	1319553	22.6	
91 2,4,5-Trichlorophenol	196	7.908	7.902	0.006	94	1399484	22.0	
94 2,4-Toluene diamine	121	8.020	8.015	0.005	96	1016617	17.3	
96 1,2,3,4 -Tetrachlorobenzene	216	8.031	8.031	0.0	93	2133305	0	
95 1,1'-Biphenyl	154	8.036	8.036	0.0	94	5060741	20.8	
98 2-Chloronaphthalene	162	8.063	8.063	0.0	95	5009547	21.6	
100 2-Nitroaniline	65	8.138	8.132	0.006	80	1507114	23.0	
103 Dimethyl phthalate	163	8.277	8.271	0.006	98	4653092	21.8	
105 2,6-Dinitrotoluene	165	8.336	8.330	0.006	88	1244248	20.5	
106 1,2-Dinitrobenzene	168	8.384	8.378	0.006	88	620387	20.5	
107 Acenaphthylene	152	8.416	8.416	0.0	96	6601738	21.7	
108 3-Nitroaniline	138	8.480	8.475	0.006	89	1208479	23.0	
110 Acenaphthene	153	8.560	8.560	0.0	91	3880649	20.4	
109 2,4-Dinitrophenol	184	8.566	8.560	0.006	73	1254569	42.4	
111 4-Nitrophenol	109	8.592	8.587	0.005	94	737648	20.5	
112 2,4-Dinitrotoluene	165	8.678	8.672	0.006	90	1691520	20.5	
114 Dibenzofuran	168	8.705	8.704	0.001	90	5944567	21.2	
115 2,3,5,6-Tetrachlorophenol	232	8.763	8.763	0.0	88	1171273	23.2	
119 Diethyl phthalate	149	8.865	8.865	0.0	97	4609089	21.7	
121 4-Chlorophenyl phenyl ether	204	8.983	8.983	0.0	93	2622789	21.1	
123 4-Nitroaniline	138	8.999	8.988	0.011	62	1206040	23.2	
124 Fluorene	166	8.999	8.993	0.006	77	4812282	21.6	
126 4,6-Dinitro-2-methylphenol	198	9.020	9.015	0.005	74	832078	21.0	
130 N-Nitrosodiphenylamine	169	9.079	9.074	0.005	0	3615704	22.2	
129 1,2-Diphenylhydrazine	77	9.116	9.116	0.0	0	5519452	22.0	
131 Azobenzene	77	9.116	9.116	0.0	99	5519483	22.0	
137 4-Bromophenyl phenyl ether	248	9.400	9.394	0.006	65	1472404	21.1	
139 Hexachlorobenzene	284	9.459	9.459	0.0	86	1435120	20.7	
140 Atrazine	200	9.507	9.507	0.0	89	966415	21.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.619	9.614	0.005	83	1806484	45.5	
146 Phenanthrene	178	9.812	9.812	0.0	98	6710267	20.8	
147 Anthracene	178	9.860	9.854	0.006	97	7253938	22.5	
149 Carbazole	167	9.978	9.977	0.001	82	6636266	21.5	
151 Di-n-butyl phthalate	149	10.234	10.234	0.0	100	7567957	21.7	
157 Fluoranthene	202	10.823	10.817	0.006	97	7716245	21.8	
158 Benzidine	184	10.914	10.913	0.001	99	3375926	20.8	
160 Pyrene	202	11.031	11.026	0.005	95	7806162	21.1	
166 Butyl benzyl phthalate	149	11.620	11.620	0.0	96	3459356	23.0	
170 3,3'-Dimethoxybenzidine	244	12.229	12.224	0.005	92	1853271	21.0	
173 3,3'-Dichlorobenzidine	252	12.272	12.267	0.005	65	2733875	22.5	
172 4,4'-Methylene bis(2-chloroanili	231	12.272	12.267	0.005	71	1302190	20.3	
171 Bis(2-ethylhexyl) phthalate	149	12.294	12.288	0.006	96	4892253	20.3	
175 Benzo[a]anthracene	228	12.326	12.320	0.006	95	7243171	21.9	
176 Chrysene	228	12.374	12.368	0.006	96	6587742	21.0	
178 Di-n-octyl phthalate	149	13.197	13.192	0.005	99	8478197	20.3	
180 Benzo[b]fluoranthene	252	13.829	13.823	0.006	91	7136813	22.0	
181 Benzo[k]fluoranthene	252	13.871	13.866	0.005	95	7555366	21.8	
182 Benzo[a]pyrene	252	14.326	14.321	0.005	77	7008788	23.0	
186 Indeno[1,2,3-cd]pyrene	276	16.070	16.054	0.016	94	7275353	22.5	
187 Dibenz(a,h)anthracene	278	16.096	16.086	0.010	82	6230869	22.7	
188 Benzo[g,h,i]perylene	276	16.519	16.503	0.016	88	6259787	22.1	
S 189 Methyl Phenols,Total	100				0		21.2	

QC Flag Legend

Review Flags
M - Manually Integrated

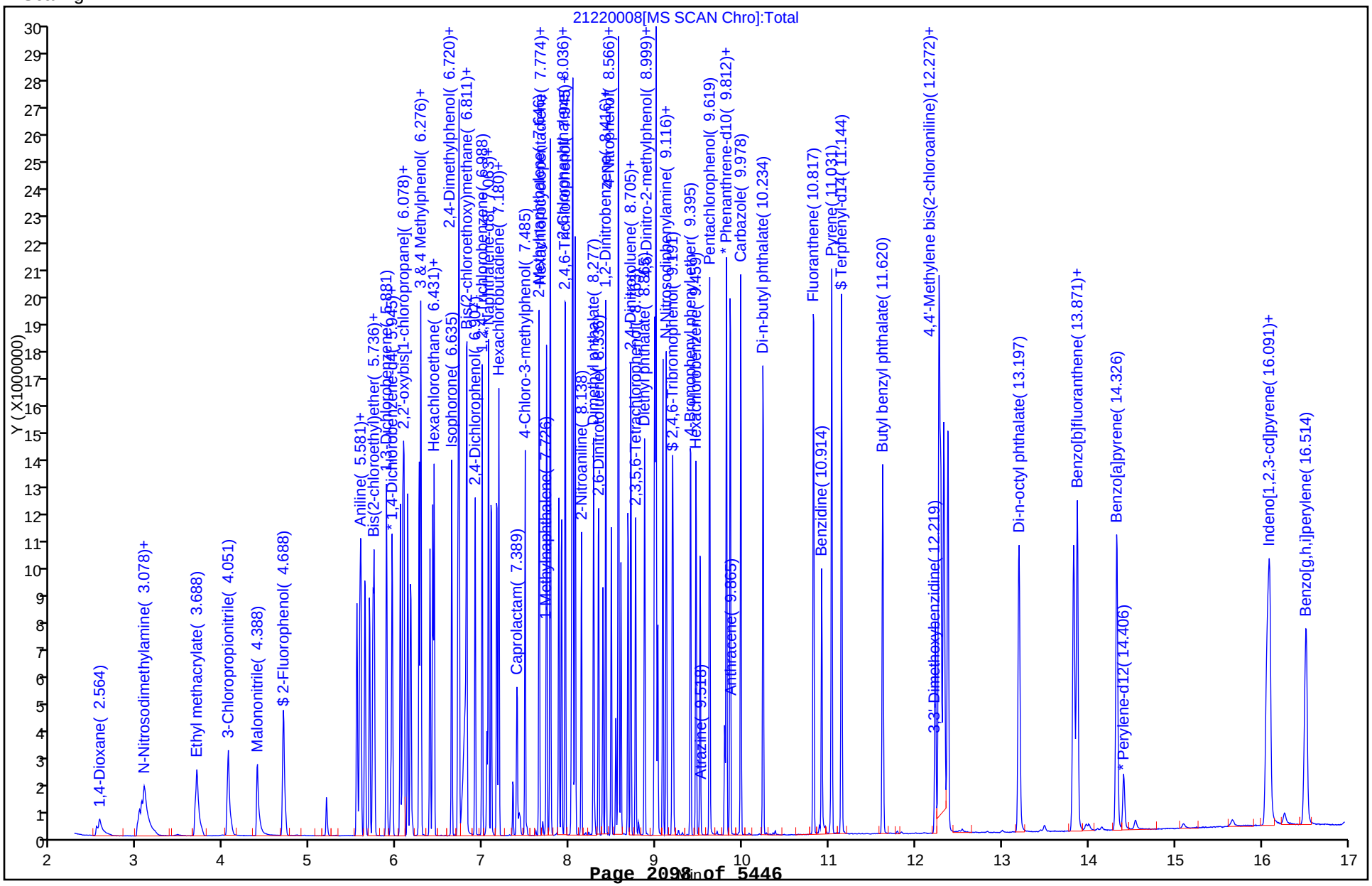
Report Date: 21-Dec-2012 09:01:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220008.D

Injection Date:	20-Dec-2012 16:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

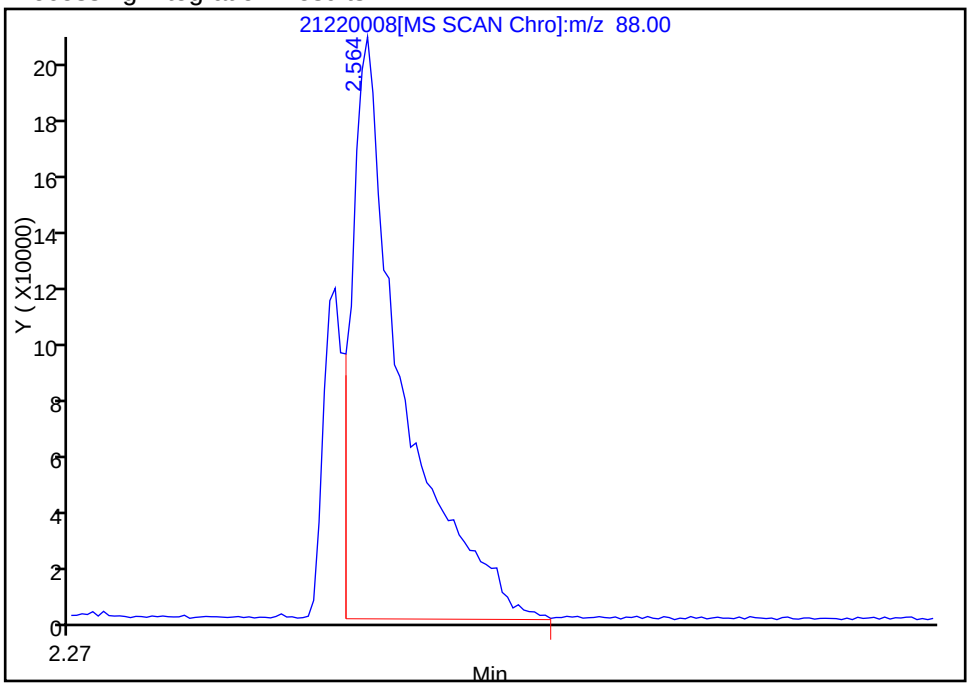
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220008.D		
Injection Date:	20-Dec-2012 16:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.56

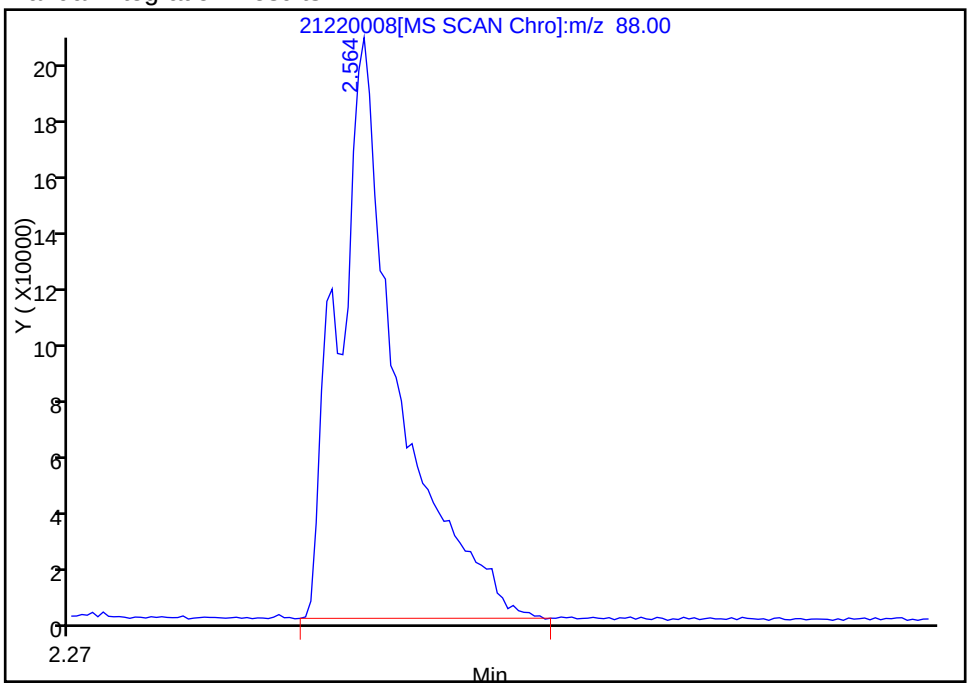
Processing Integration Results

RT: 2.56
Response: 711865
Amount: 18.943577



Manual Integration Results

RT: 2.56
Response: 845342
Amount: 19.143827



Reviewer: ulmanm, 21-Dec-2012 08:51:11
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220009.D		
Lims ID:	std7 tcl	Client ID:	
Inject. Date:	20-Dec-2012 16:32:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	240-0016051-009		
Misc. Info.:	STD7 TCL		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	69576	Lims Sample ID:	9
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\8270_hp7.m		
Last Update:	21-Dec-2012 09:01:02	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	CORP-CTX-18		
First Level Reviewer: ulmanm		Date:	21-Dec-2012 08:52:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.929	5.929	0.0	97	293357	4.00	
* 2 Naphthalene-d8	136	7.041	7.041	0.0	100	1189849	4.00	
* 3 Acenaphthene-d10	164	8.534	8.533	0.001	91	738581	4.00	
* 4 Phenanthrene-d10	188	9.790	9.790	0.0	98	1160533	4.00	
* 5 Chrysene-d12	240	12.342	12.336	0.006	87	1236921	4.00	
* 6 Perylene-d12	264	14.406	14.406	0.0	92	1022857	4.00	
$ 7 2-Fluorophenol	112	4.688	4.688	0.0	94	1414846	15.7	
$ 8 Phenol-d5	99	5.570	5.570	0.0	89	1863385	15.6	
$ 9 Nitrobenzene-d5	82	6.415	6.410	0.005	92	2038356	15.6	
$ 10 2-Fluorobiphenyl (Surr)	172	7.945	7.945	0.0	100	3952267	14.9	
$ 11 2,4,6-Tribromophenol	330	9.197	9.197	0.0	88	405137	16.3	
$ 12 Terphenyl-d14	244	11.144	11.143	0.001	98	3873184	15.3	
24 1,4-Dioxane	88	2.559	2.559	0.0	97	592728	14.3	M
25 N-Nitrosodimethylamine	74	3.024	3.030	-0.006	88	907368	15.9	
26 Pyridine	79	3.078	3.088	-0.010	86	1589862	15.6	M
27 Ethyl methacrylate	69	3.688	3.687	0.001	91	1245666	15.0	
28 3-Chloropropionitrile	54	4.051	4.051	0.0	84	1275258	16.1	
32 Malononitrile	66	4.383	4.388	-0.005	97	1940823	16.4	
40 Benzaldehyde	77	5.538	5.538	0.0	91	1361531	14.4	
41 Phenol	94	5.581	5.581	0.0	98	1931453	15.4	
43 Aniline	93	5.629	5.629	0.0	97	2545209	15.6	
44 Bis(2-chloroethyl)ether	93	5.683	5.683	0.0	93	1844015	15.1	
46 2-Chlorophenol	128	5.736	5.736	0.0	96	1544944	15.6	
47 1,3-Dichlorobenzene	146	5.881	5.880	0.001	95	1974289	15.3	
48 1,4-Dichlorobenzene	146	5.945	5.945	0.0	91	1664549	15.6	
49 Benzyl alcohol	108	6.041	6.041	0.0	88	966270	15.6	
50 1,2-Dichlorobenzene	146	6.084	6.084	0.0	94	1875831	15.2	
51 2-Methylphenol	108	6.127	6.126	0.001	97	1421636	15.8	
52 2,2'-oxybis[1-chloropropane]	45	6.159	6.159	0.0	91	2615147	15.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.255	6.255	0.0	97	1502619	15.5	
56 N-Nitrosodi-n-propylamine	70	6.271	6.271	0.0	91	1134825	15.7	
57 Acetophenone	105	6.276	6.276	0.0	91	2158672	15.4	
60 Hexachloroethane	117	6.383	6.383	0.0	93	775638	15.3	
61 Nitrobenzene	77	6.432	6.431	0.001	87	2125565	15.7	
63 Isophorone	82	6.635	6.629	0.006	97	3067993	15.5	
65 2-Nitrophenol	139	6.704	6.704	0.0	94	779476	16.0	
66 1,3,5-Trichlorobenzene	180	6.715	6.715	0.0	94	1615823	15.2	
64 2,4-Dimethylphenol	107	6.720	6.720	0.0	96	1542165	15.2	
69 Benzoic acid	122	6.795	6.763	0.032	84	1901206	30.0	
68 Bis(2-chloroethoxy)methane	93	6.806	6.806	0.0	90	2271199	15.3	
71 2,4-Dichlorophenol	162	6.908	6.907	0.001	96	1268333	16.1	
72 1,2,4-Trichlorobenzene	180	6.988	6.988	0.0	93	1602557	15.1	
73 Naphthalene	128	7.063	7.062	0.001	97	4450038	15.3	
74 4-Chloroaniline	127	7.089	7.089	0.0	82	1911976	15.6	
77 Hexachlorobutadiene	225	7.159	7.159	0.0	93	870905	15.2	
78 1,2,3-Trichlorobenzene	180	7.180	7.180	0.0	89	1532920	0	
83 Caprolactam	113	7.384	7.367	0.017	74	400102	15.3	
84 4-Chloro-3-methylphenol	107	7.485	7.480	0.005	96	1329286	15.7	
85 2-Methylnaphthalene	142	7.646	7.645	0.001	90	2913071	15.3	
86 1-Methylnaphthalene	142	7.731	7.731	0.0	83	2729919	15.3	
88 Hexachlorocyclopentadiene	237	7.774	7.774	0.0	93	952941	15.3	
87 1,2,3,5-Tetrachlorobenzene	216	7.774	7.774	0.0	94	1539864	14.5	
90 2,4,6-Trichlorophenol	196	7.876	7.875	0.001	93	906372	15.6	
91 2,4,5-Trichlorophenol	196	7.902	7.902	0.0	94	987009	15.6	
94 2,4-Toluene diamine	121	8.020	8.015	0.005	97	751195	13.3	
96 1,2,3,4 -Tetrachlorobenzene	216	8.031	8.031	0.0	87	1503234	0	
95 1,1'-Biphenyl	154	8.036	8.036	0.0	94	3541716	14.6	
98 2-Chloronaphthalene	162	8.063	8.063	0.0	96	3430116	14.9	
100 2-Nitroaniline	65	8.132	8.132	0.0	78	1037126	15.9	
103 Dimethyl phthalate	163	8.277	8.271	0.006	98	3216427	15.2	
105 2,6-Dinitrotoluene	165	8.330	8.330	0.0	88	848149	14.6	
106 1,2-Dinitrobenzene	168	8.384	8.378	0.006	88	432575	14.8	
107 Acenaphthylene	152	8.416	8.416	0.0	91	4709286	15.5	
108 3-Nitroaniline	138	8.480	8.475	0.006	90	836080	16.0	
110 Acenaphthene	153	8.560	8.560	0.0	94	2712921	14.4	
109 2,4-Dinitrophenol	184	8.566	8.560	0.006	70	797204	28.2	
111 4-Nitrophenol	109	8.592	8.587	0.005	94	505640	14.8	
112 2,4-Dinitrotoluene	165	8.673	8.672	0.001	86	1167716	14.8	
114 Dibenzofuran	168	8.705	8.704	0.001	88	4103148	14.7	
115 2,3,5,6-Tetrachlorophenol	232	8.764	8.763	0.001	88	794710	15.8	
119 Diethyl phthalate	149	8.865	8.865	0.0	97	3195257	15.1	
121 4-Chlorophenyl phenyl ether	204	8.983	8.983	0.0	93	1848387	14.9	
123 4-Nitroaniline	138	8.994	8.988	0.006	59	845372	16.3	
124 Fluorene	166	8.994	8.993	0.001	79	3329028	15.0	
126 4,6-Dinitro-2-methylphenol	198	9.015	9.015	0.0	66	549732	14.8	
130 N-Nitrosodiphenylamine	169	9.079	9.074	0.005	0	2459059	15.6	
129 1,2-Diphenylhydrazine	77	9.117	9.116	0.001	0	3823349	15.8	
131 Azobenzene	77	9.117	9.116	0.001	99	3823349	15.8	
137 4-Bromophenyl phenyl ether	248	9.395	9.394	0.001	70	1037870	15.4	
139 Hexachlorobenzene	284	9.459	9.459	0.0	86	986886	14.7	
140 Atrazine	200	9.507	9.507	0.0	88	691807	15.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.619	9.614	0.005	84	1232108	32.1	
146 Phenanthrene	178	9.812	9.812	0.0	97	4747402	15.2	
147 Anthracene	178	9.855	9.854	0.001	97	4962445	16.0	
149 Carbazole	167	9.978	9.977	0.001	82	4763053	16.0	
151 Di-n-butyl phthalate	149	10.234	10.234	0.0	100	5557115	16.5	
157 Fluoranthene	202	10.817	10.817	0.0	97	5441686	15.9	
158 Benzidine	184	10.914	10.913	0.001	99	2223573	14.7	
160 Pyrene	202	11.031	11.026	0.005	96	5666528	15.8	
166 Butyl benzyl phthalate	149	11.620	11.620	0.0	96	2370037	16.3	
170 3,3'-Dimethoxybenzidine	244	12.229	12.224	0.005	93	1188213	14.7	
173 3,3'-Dichlorobenzidine	252	12.272	12.267	0.005	65	1898814	16.2	
172 4,4'-Methylene bis(2-chloroanili	231	12.272	12.267	0.005	74	911117	14.9	
171 Bis(2-ethylhexyl) phthalate	149	12.294	12.288	0.006	97	3383407	15.0	
175 Benzo[a]anthracene	228	12.326	12.320	0.006	95	4907403	15.3	
176 Chrysene	228	12.374	12.368	0.006	94	4583301	15.1	
178 Di-n-octyl phthalate	149	13.198	13.192	0.006	99	5664592	15.0	
180 Benzo[b]fluoranthene	252	13.829	13.823	0.006	94	4735273	15.5	
181 Benzo[k]fluoranthene	252	13.866	13.866	0.0	95	5285146	16.1	
182 Benzo[a]pyrene	252	14.326	14.321	0.005	77	4736774	16.5	
186 Indeno[1,2,3-cd]pyrene	276	16.064	16.054	0.010	98	4955868	16.3	
187 Dibenz(a,h)anthracene	278	16.091	16.086	0.005	80	4218978	16.3	
188 Benzo[g,h,i]perylene	276	16.514	16.503	0.011	95	4184837	15.7	
S 189 Methyl Phenols,Total	100				0		15.8	

QC Flag Legend

Review Flags
M - Manually Integrated

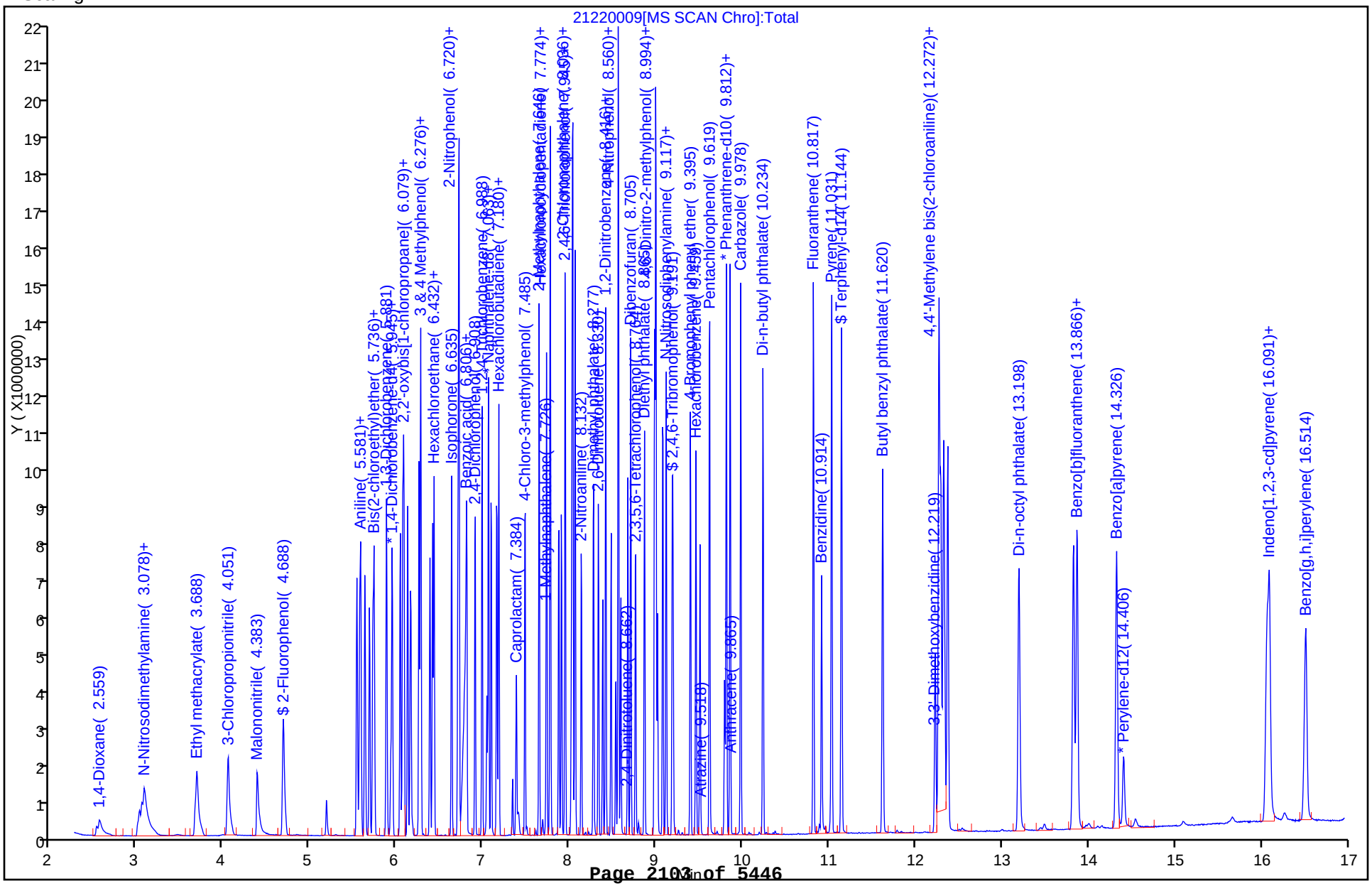
Report Date: 21-Dec-2012 09:01:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	20-Dec-2012 16:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

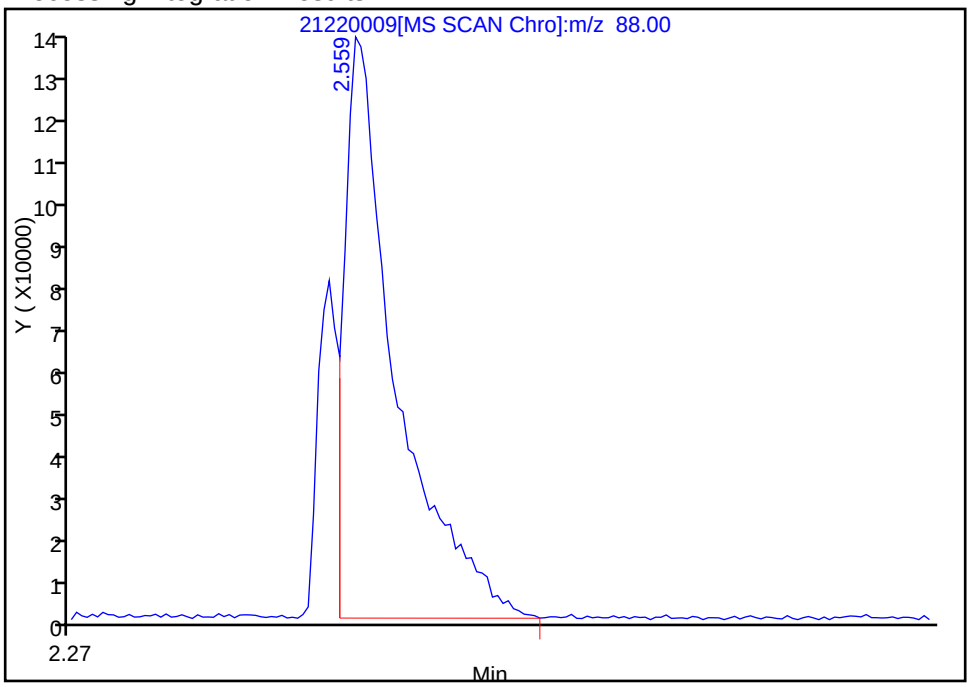
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220009.D		
Injection Date:	20-Dec-2012 16:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.56

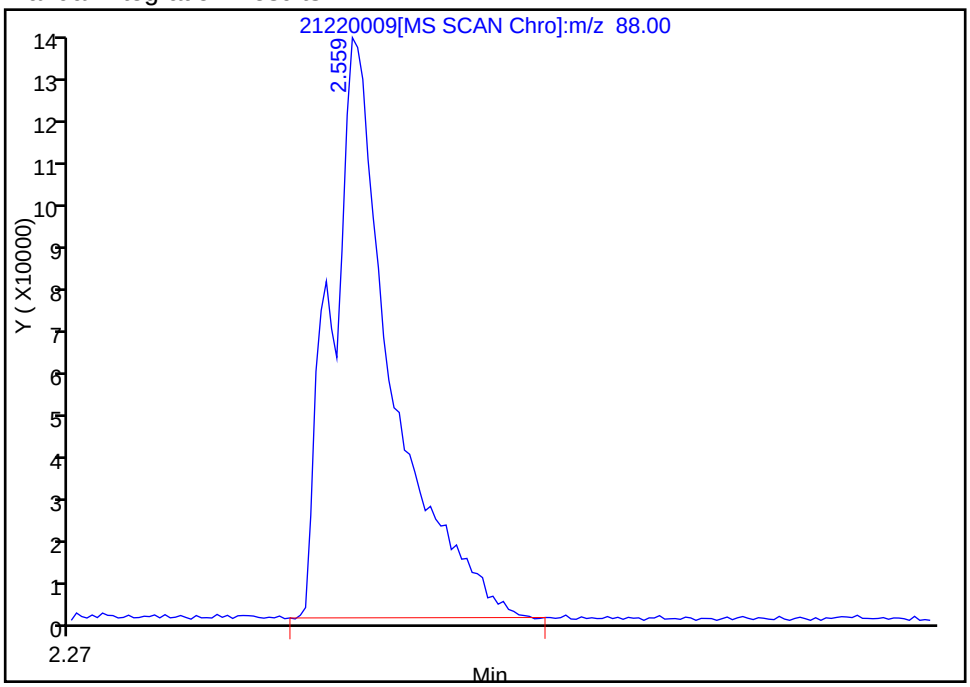
Processing Integration Results

RT: 2.56
Response: 498345
Amount: 14.213102



Manual Integration Results

RT: 2.56
Response: 592728
Amount: 14.284163



Reviewer: ulmanm, 21-Dec-2012 08:52:37
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

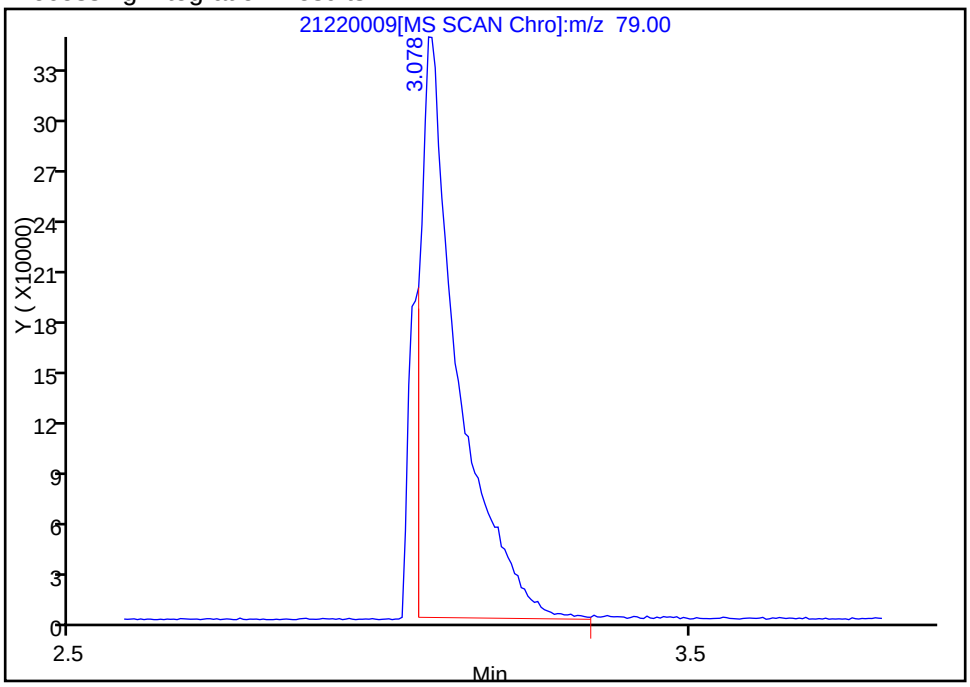
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220009.D		
Injection Date:	20-Dec-2012 16:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.09

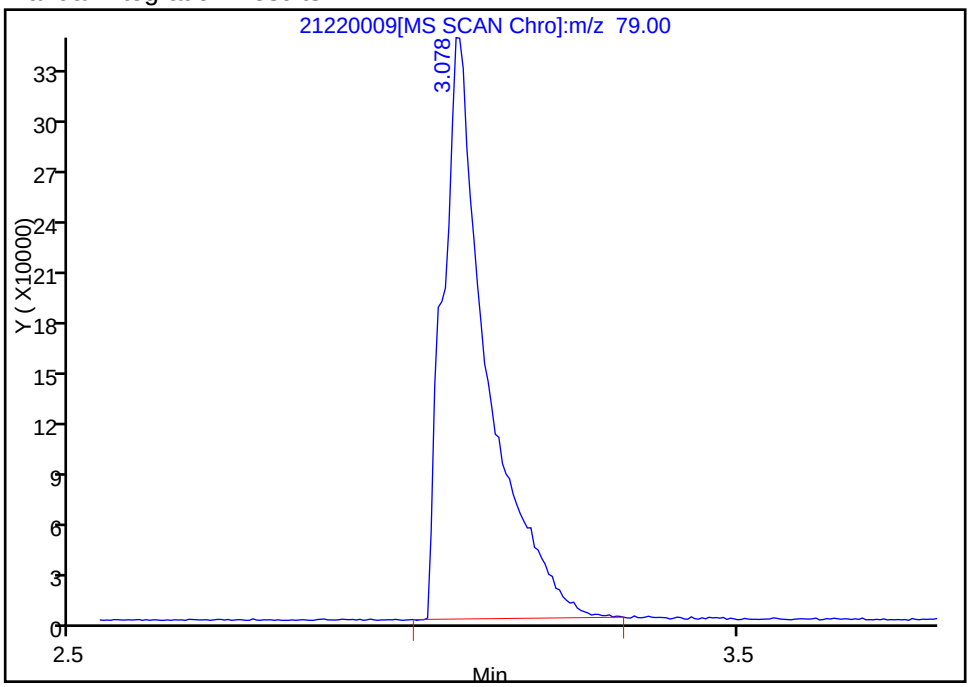
Processing Integration Results

RT: 3.08
Response: 1419031
Amount: 14.270521



Manual Integration Results

RT: 3.08
Response: 1589862
Amount: 15.619037



Reviewer: ulmanm, 21-Dec-2012 08:52:37
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Lims ID:	std6 tcl	Client ID:	
Inject. Date:	20-Dec-2012 16:55:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	6
Sample ID:	240-0016051-010		
Misc. Info.:	STD6 TCL		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	69576	Lims Sample ID:	10
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\8270_hp7.m		
Last Update:	21-Dec-2012 09:01:03	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	CORP-CTX-18		
First Level Reviewer: hulat		Date:	21-Dec-2012 06:51:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.929	5.929	0.0	97	290605	4.00	
* 2 Naphthalene-d8	136	7.041	7.041	0.0	100	1176661	4.00	
* 3 Acenaphthene-d10	164	8.533	8.533	0.0	91	704124	4.00	
* 4 Phenanthrene-d10	188	9.790	9.790	0.0	98	1125932	4.00	
* 5 Chrysene-d12	240	12.336	12.336	0.0	85	1198460	4.00	
* 6 Perylene-d12	264	14.406	14.406	0.0	96	979934	4.00	
$ 7 2-Fluorophenol	112	4.688	4.688	0.0	93	882268	9.90	
$ 8 Phenol-d5	99	5.570	5.570	0.0	89	1196655	10.1	
$ 9 Nitrobenzene-d5	82	6.415	6.415	0.0	90	1268557	9.79	
$ 10 2-Fluorobiphenyl (Surr)	172	7.945	7.945	0.0	100	2479283	9.83	
$ 11 2,4,6-Tribromophenol	330	9.197	9.197	0.0	90	243706	10.3	
$ 12 Terphenyl-d14	244	11.143	11.143	0.0	98	2394384	9.76	
24 1,4-Dioxane	88	2.559	2.559	0.0	96	389606	9.48	M
25 N-Nitrosodimethylamine	74	3.024	3.024	0.0	90	565726	10.0	
26 Pyridine	79	3.083	3.083	0.0	92	1011026	10.0	M
27 Ethyl methacrylate	69	3.687	3.687	0.0	89	799836	9.72	
28 3-Chloropropionitrile	54	4.051	4.051	0.0	85	783605	10.0	
32 Malononitrile	66	4.388	4.388	0.0	97	1165876	9.97	
40 Benzaldehyde	77	5.538	5.538	0.0	90	965142	10.3	
41 Phenol	94	5.581	5.581	0.0	97	1255107	10.1	
43 Aniline	93	5.629	5.629	0.0	97	1642745	10.2	
44 Bis(2-chloroethyl)ether	93	5.683	5.683	0.0	92	1174915	9.74	
46 2-Chlorophenol	128	5.736	5.736	0.0	96	976038	9.94	
47 1,3-Dichlorobenzene	146	5.880	5.880	0.0	95	1252640	9.83	
48 1,4-Dichlorobenzene	146	5.945	5.945	0.0	91	1035815	9.79	
49 Benzyl alcohol	108	6.041	6.041	0.0	88	616471	10.1	
50 1,2-Dichlorobenzene	146	6.084	6.084	0.0	94	1210285	9.92	
51 2-Methylphenol	108	6.126	6.126	0.0	96	906400	10.2	
52 2,2'-oxybis[1-chloropropane]	45	6.159	6.159	0.0	90	1679188	9.76	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.255	6.255	0.0	96	946415	9.87	
56 N-Nitrosodi-n-propylamine	70	6.271	6.271	0.0	91	723351	10.1	
57 Acetophenone	105	6.276	6.276	0.0	92	1376169	9.93	
60 Hexachloroethane	117	6.383	6.383	0.0	92	493102	9.84	
61 Nitrobenzene	77	6.431	6.431	0.0	84	1334854	9.95	
63 Isophorone	82	6.635	6.635	0.0	97	1883450	9.65	
65 2-Nitrophenol	139	6.704	6.704	0.0	95	509518	10.6	
66 1,3,5-Trichlorobenzene	180	6.715	6.715	0.0	94	1016245	9.69	
64 2,4-Dimethylphenol	107	6.720	6.720	0.0	96	985425	9.85	
69 Benzoic acid	122	6.784	6.784	0.0	85	1112002	18.6	
68 Bis(2-chloroethoxy)methane	93	6.806	6.806	0.0	96	1428889	9.76	
71 2,4-Dichlorophenol	162	6.907	6.907	0.0	96	797571	10.2	
72 1,2,4-Trichlorobenzene	180	6.988	6.988	0.0	93	1034405	9.88	
73 Naphthalene	128	7.062	7.062	0.0	96	2813217	9.78	
74 4-Chloroaniline	127	7.089	7.089	0.0	81	1201804	9.91	
77 Hexachlorobutadiene	225	7.159	7.159	0.0	93	553853	9.75	
78 1,2,3-Trichlorobenzene	180	7.180	7.180	0.0	90	969009	0	
83 Caprolactam	113	7.378	7.378	0.0	73	263138	10.2	
84 4-Chloro-3-methylphenol	107	7.480	7.480	0.0	94	836419	10.0	
85 2-Methylnaphthalene	142	7.645	7.645	0.0	87	1855211	9.83	
86 1-Methylnaphthalene	142	7.731	7.731	0.0	93	1728063	9.77	
88 Hexachlorocyclopentadiene	237	7.774	7.774	0.0	90	588105	9.88	
87 1,2,3,5-Tetrachlorobenzene	216	7.774	7.774	0.0	90	994439	9.83	
90 2,4,6-Trichlorophenol	196	7.875	7.875	0.0	94	566491	10.2	
91 2,4,5-Trichlorophenol	196	7.902	7.902	0.0	93	601462	9.94	
94 2,4-Toluene diamine	121	8.020	8.020	0.0	97	538490	9.62	
96 1,2,3,4 -Tetrachlorobenzene	216	8.031	8.031	0.0	86	950961	0	
95 1,1'-Biphenyl	154	8.036	8.036	0.0	94	2243288	9.69	
98 2-Chloronaphthalene	162	8.063	8.063	0.0	96	2177502	9.90	
100 2-Nitroaniline	65	8.132	8.132	0.0	78	642091	10.3	
103 Dimethyl phthalate	163	8.271	8.271	0.0	98	1991385	9.85	
105 2,6-Dinitrotoluene	165	8.330	8.330	0.0	91	532105	10.0	
106 1,2-Dinitrobenzene	168	8.384	8.384	0.0	89	269613	9.96	
107 Acenaphthylene	152	8.416	8.416	0.0	94	2982314	10.3	
108 3-Nitroaniline	138	8.480	8.480	0.0	91	503829	10.1	
110 Acenaphthene	153	8.560	8.560	0.0	94	1721750	9.55	
109 2,4-Dinitrophenol	184	8.565	8.565	0.0	69	517938	19.9	
111 4-Nitrophenol	109	8.587	8.587	0.0	93	305064	9.82	
112 2,4-Dinitrotoluene	165	8.672	8.672	0.0	87	712337	9.81	
114 Dibenzofuran	168	8.705	8.705	0.0	88	2541022	9.56	
115 2,3,5,6-Tetrachlorophenol	232	8.763	8.763	0.0	88	503972	10.5	
119 Diethyl phthalate	149	8.865	8.865	0.0	97	1989402	9.85	
121 4-Chlorophenyl phenyl ether	204	8.983	8.983	0.0	94	1157912	9.81	
123 4-Nitroaniline	138	8.993	8.993	0.0	78	525995	10.7	
124 Fluorene	166	8.993	8.993	0.0	81	2059415	9.71	
126 4,6-Dinitro-2-methylphenol	198	9.015	9.015	0.0	68	331389	9.55	
130 N-Nitrosodiphenylamine	169	9.079	9.079	0.0	0	1524915	10.0	
129 1,2-Diphenylhydrazine	77	9.116	9.116	0.0	0	2344135	9.97	
131 Azobenzene	77	9.116	9.116	0.0	100	2344135	9.97	
137 4-Bromophenyl phenyl ether	248	9.394	9.394	0.0	71	647830	9.92	
139 Hexachlorobenzene	284	9.459	9.459	0.0	85	631684	9.72	
140 Atrazine	200	9.507	9.507	0.0	90	445834	10.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.619	9.619	0.0	87	803414	21.6	
146 Phenanthrene	178	9.812	9.812	0.0	97	2996363	9.91	
147 Anthracene	178	9.854	9.854	0.0	97	3045852	10.1	
149 Carbazole	167	9.977	9.977	0.0	82	2934798	10.2	
151 Di-n-butyl phthalate	149	10.234	10.234	0.0	100	3373787	10.3	
157 Fluoranthene	202	10.817	10.817	0.0	97	3323131	10.0	
158 Benzidine	184	10.913	10.913	0.0	99	1343039	9.57	
160 Pyrene	202	11.031	11.031	0.0	96	3474759	10.0	
166 Butyl benzyl phthalate	149	11.620	11.620	0.0	97	1444386	10.3	
170 3,3'-Dimethoxybenzidine	244	12.224	12.224	0.0	88	703722	9.50	
173 3,3'-Dichlorobenzidine	252	12.267	12.267	0.0	67	1185827	10.4	
172 4,4'-Methylene bis(2-chloroanili	231	12.267	12.267	0.0	70	570940	9.82	
171 Bis(2-ethylhexyl) phthalate	149	12.288	12.288	0.0	96	2063920	9.75	
175 Benzo[a]anthracene	228	12.320	12.320	0.0	97	3054599	9.86	
176 Chrysene	228	12.374	12.374	0.0	94	2872635	9.79	
178 Di-n-octyl phthalate	149	13.192	13.192	0.0	99	3335279	9.64	
180 Benzo[b]fluoranthene	252	13.823	13.823	0.0	93	3024372	10.3	
181 Benzo[k]fluoranthene	252	13.866	13.866	0.0	95	3258032	10.4	
182 Benzo[a]pyrene	252	14.321	14.321	0.0	75	2927922	10.6	
186 Indeno[1,2,3-cd]pyrene	276	16.059	16.059	0.0	98	3055186	10.5	
187 Dibenz(a,h)anthracene	278	16.086	16.086	0.0	85	2565096	10.3	
188 Benzo[g,h,i]perylene	276	16.508	16.508	0.0	90	2604286	10.2	
S 189 Methyl Phenols,Total	100				0		10.2	

QC Flag Legend

Review Flags
M - Manually Integrated

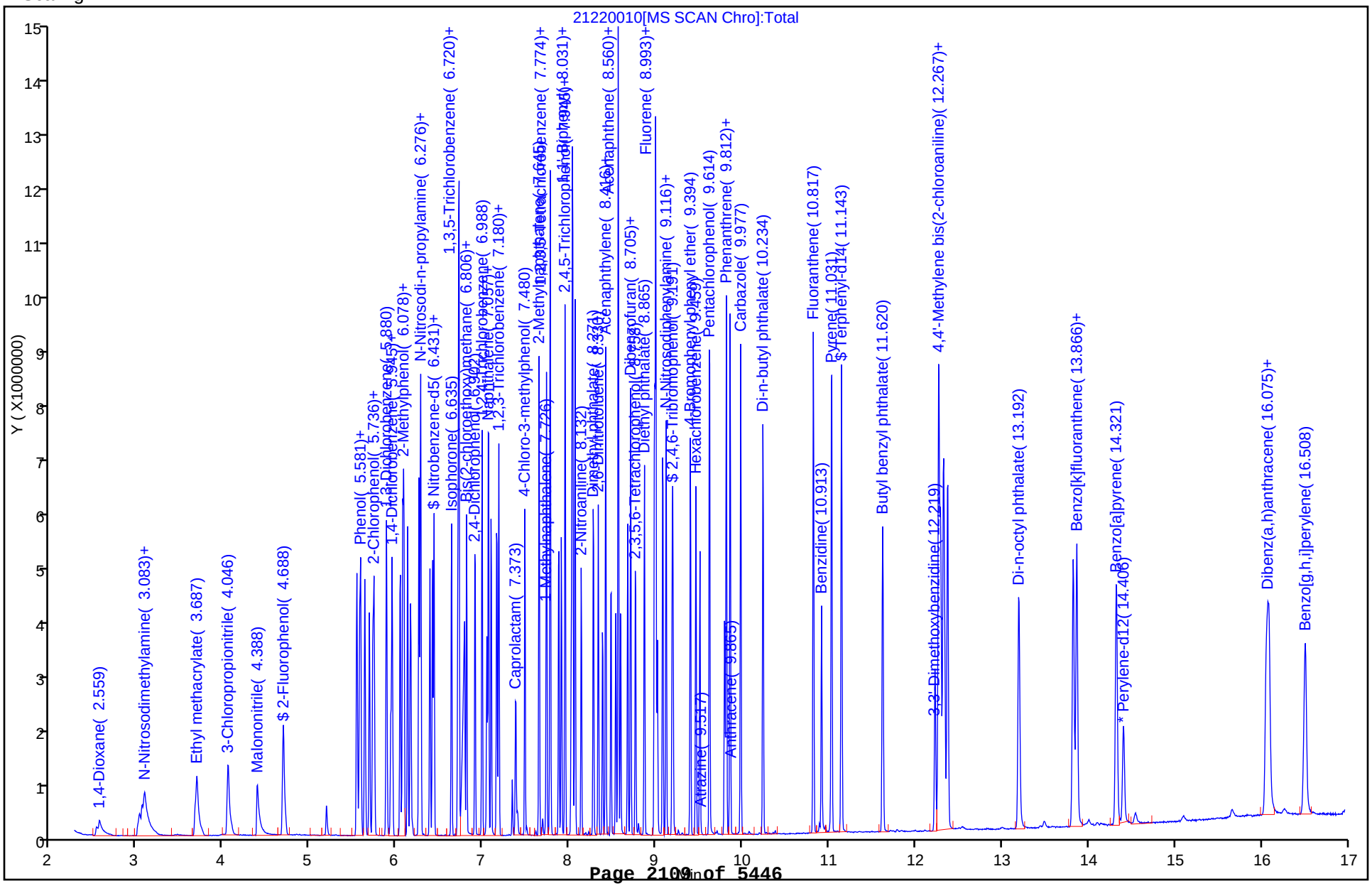
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D

Injection Date:	20-Dec-2012 16:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

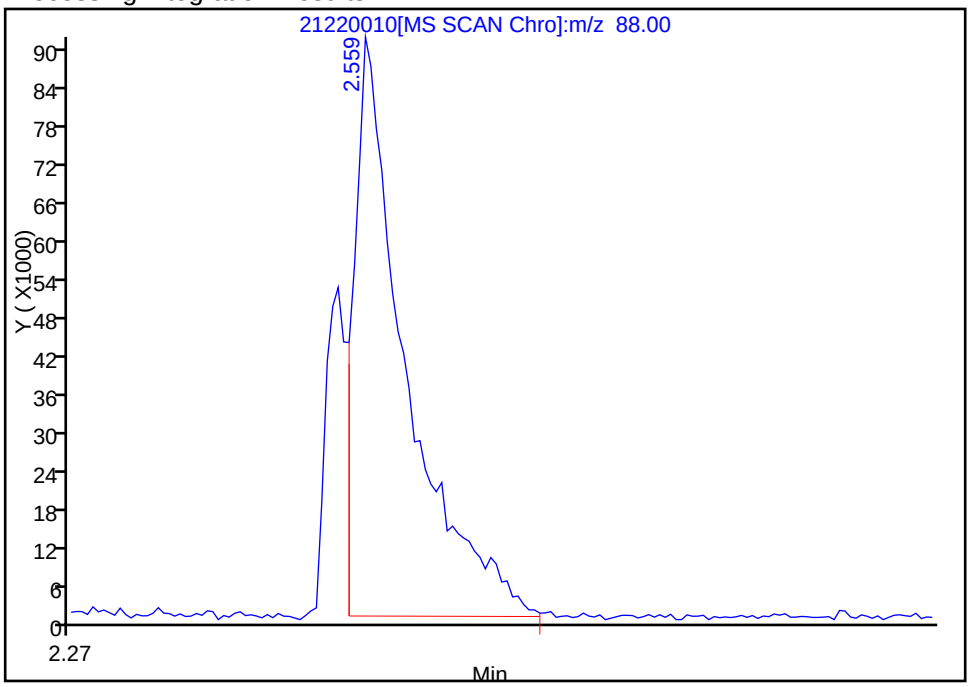
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Injection Date:	20-Dec-2012 16:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.56

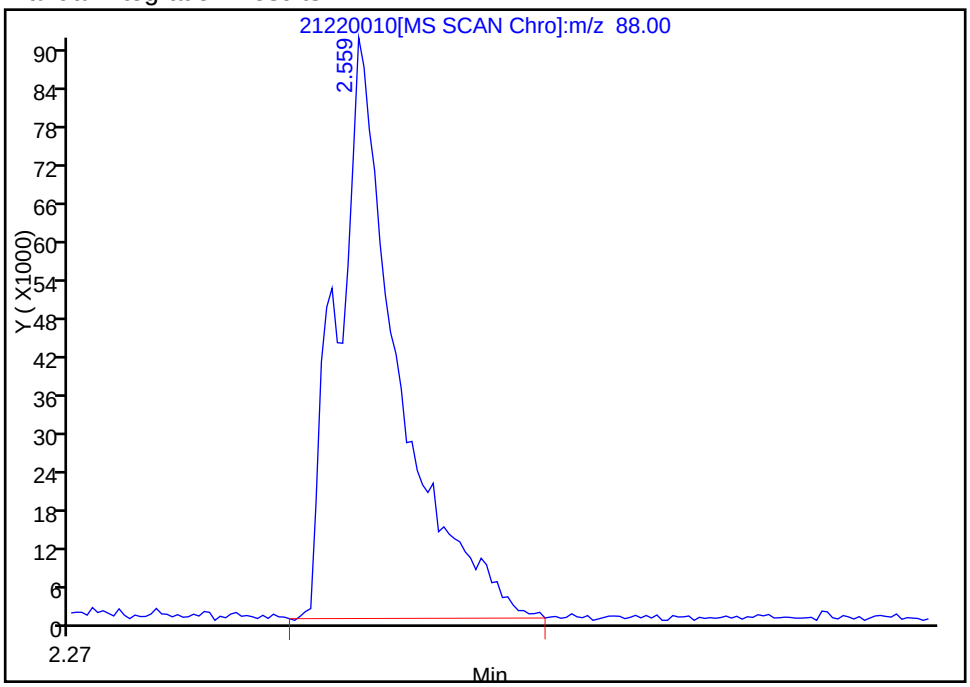
Processing Integration Results

RT: 2.56
Response: 320482
Amount: 7.963840



Manual Integration Results

RT: 2.56
Response: 389606
Amount: 9.478036



Reviewer: ulmanm, 21-Dec-2012 08:54:43
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

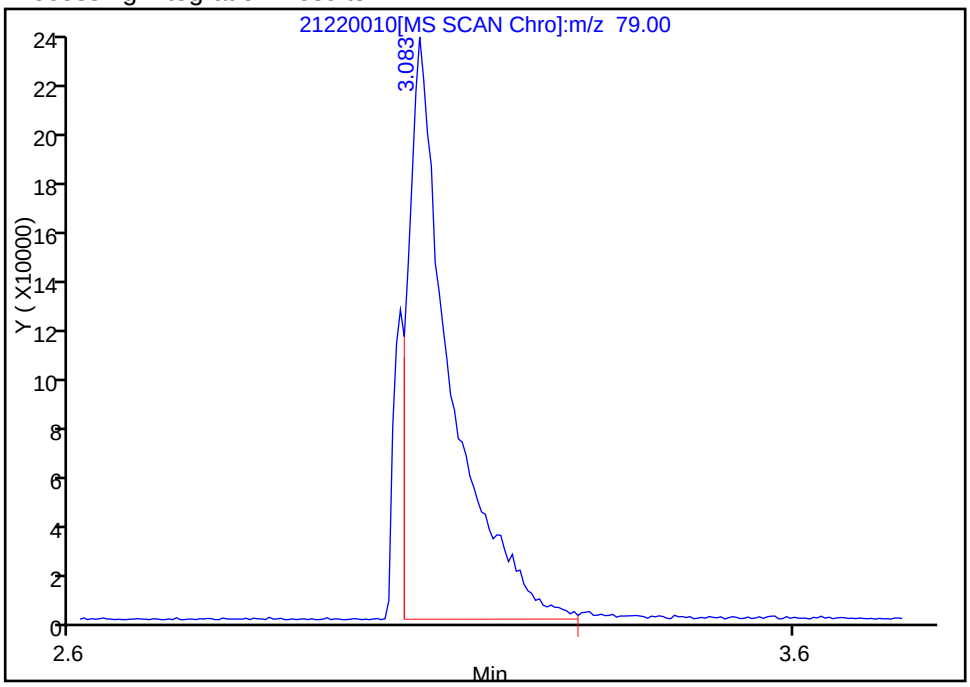
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Injection Date:	20-Dec-2012 16:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.08

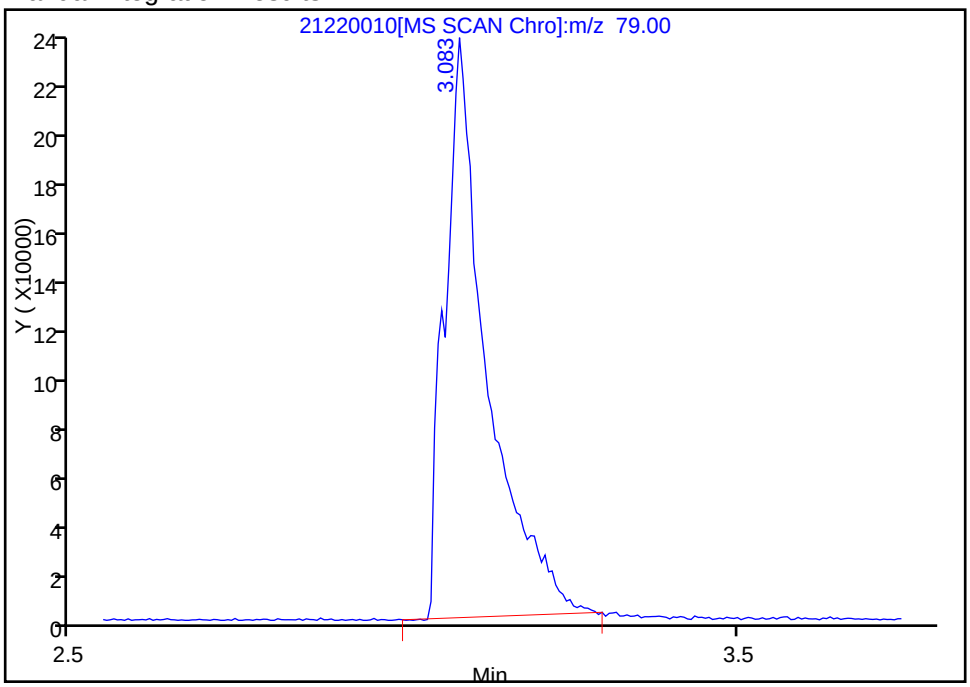
Processing Integration Results

RT: 3.08
Response: 937443
Amount: 9.382374



Manual Integration Results

RT: 3.08
Response: 1011026
Amount: 10.026527



Reviewer: ulmanm, 21-Dec-2012 08:54:43
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69820

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/21/2012 13:40 Calibration End Date: 12/21/2012 16:59 Calibration ID: 12956

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-69820/6	21221006.D
Level 2	STD2 240-69820/5	21221005.D
Level 3	STD3 240-69820/4	21221004.D
Level 4	STD4 240-69820/3	21221003.D
Level 5	STD5 240-69820/2	21221002.D
Level 6	STD6 240-69820/10	21221010.D
Level 7	STD7 240-69820/9	21221009.D
Level 8	STD8 240-69820/8	21221008.D
Level 9	STD9 240-69820/7	21221007.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.7199	0.6194 0.7161	0.6956 0.7285	0.6717 0.7376	0.6896	Ave		0.6973			0.0500	5.5		15.0			
N-Nitrosodimethylamine	1.1106	0.9350 1.0982	1.1212 1.1408	0.8889 1.1181	1.0442	Ave		1.0571			0.0500	9.0		15.0			
Pyridine	1.8572	1.7004 1.9413	1.8856 1.9822	1.8117 1.9950	1.8900	Ave		1.8829			0.0500	5.1		15.0			
Ethyl methacrylate	1.6079	1.6038 1.6527	1.5909 1.7196	1.5053 1.7116	1.5868	Ave		1.6223			0.0500	4.3		15.0			
3-Chloropropionitrile	0.9372	0.8269 0.9518	0.8741 0.9795	0.8442 0.9712	0.9307	Ave		0.9144			0.0500	6.4		15.0			
Malononitrile	2.2229	1.6851 2.2604	1.8325 2.3445	1.8759 2.3764	2.0829	Ave		2.0851			0.0500	12.0		15.0			
Benzaldehyde	+++++ 1.7705	1.7380 1.6915	1.9348 1.5412	1.9562 1.3688	1.9283	Ave		1.7412			0.0500	12.0		15.0			
Phenol	2.2441	2.1012 2.2393	2.1210 2.3516	2.1328 2.3866	2.2423	Ave		2.2274			0.0500	4.7		15.0			
Aniline	2.7766	2.4910 2.8520	2.6599 2.9296	2.5753 3.0412	2.8315	Ave		2.7696			0.0500	6.6		15.0			
Bis(2-chloroethyl)ether	2.0907	2.0627 2.1188	2.0580 2.1837	1.9895 2.2913	2.1150	Ave		2.1137			0.0500	4.3		15.0			
2-Chlorophenol	1.3410	1.1039 1.3581	1.4268 1.4534	1.2518 1.4847	1.3281	Ave		1.3435			0.0500	9.1		15.0			
1,3-Dichlorobenzene	1.6499	1.8205 1.6909	1.7696 1.7898	1.5868 1.8277	1.7556	Ave		1.7364			0.0500	4.9		15.0			
Benzoic acid	0.2252	+++++ 0.2409	0.1374 0.2667	0.1839 0.2639	0.2200	Qua	-0.191	0.2237	0.0010		0.0500				0.9980		0.9950

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69820

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/21/2012 13:40 Calibration End Date: 12/21/2012 16:59 Calibration ID: 12956

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dichlorobenzene	1.3770	1.3400 1.3928	1.4523 1.4775	1.2609 1.5245	1.4586	Ave		1.4105			0.0500	6.0		15.0			
Benzyl alcohol	0.9969	0.9052 1.0344	0.9139 1.0465	0.9335 1.0815	1.0108	Ave		0.9903			0.0500	6.6		15.0			
1,2-Dichlorobenzene	1.6185	1.6286 1.6389	1.7737 1.7452	1.6449 1.7537	1.6692	Ave		1.6841			0.0500	3.7		15.0			
2-Methylphenol	1.4919	1.2107 1.4931	1.4992 1.5446	1.3385 1.6063	1.5022	Ave		1.4608			0.0500	8.6		15.0			
bis (2-chloroisopropyl) ether	2.0362	2.1559 2.1461	2.1561 2.1870	1.9447 2.2832	2.0948	Ave		2.1255			0.0500	4.8		15.0			
3 & 4 Methylphenol	1.5642	1.2063 1.6421	1.4848 1.6520	1.3959 1.7107	1.5963	Ave		1.5315			0.0500	11.0		15.0			
N-Nitrosodi-n-propylamine	1.4156	1.0655 1.4357	1.3852 1.5267	1.2486 1.5369	1.4246	Ave		1.3798			0.0500	11.0		15.0			
Acetophenone	2.2701	1.8789 2.2735	2.3082 2.3504	2.0929 2.4663	2.2529	Ave		2.2367			0.0500	8.0		15.0			
Hexachloroethane	0.7819	0.6930 0.7722	0.6271 0.7957	0.6856 0.8214	0.7532	Ave		0.7413			0.0500	8.9		15.0			
Nitrobenzene	0.6162	0.5874 0.6513	0.6285 0.7085	0.6084 0.7022	0.6325	Ave		0.6419			0.0500	6.8		15.0			
Isophorone	0.9487	0.8897 1.0368	0.9170 1.0953	0.8842 1.1158	0.9614	Ave		0.9811			0.0500	9.2		15.0			
2-Nitrophenol	0.1692	0.1207 0.1747	0.1405 0.1977	0.1423 0.1936	0.1759	Qua	-0.025	0.1623	0.0014		0.0500				0.9980		0.9950
1,3,5-Trichlorobenzene	0.3558	0.4274 0.3885	0.3886 0.4035	0.3466 0.4076	0.4051	Ave		0.3904			0.0500	7.0		15.0			
2,4-Dimethylphenol	0.4160	0.3608 0.4398	0.4240 0.4759	0.3974 0.4748	0.4180	Ave		0.4258			0.0500	9.0		15.0			
Bis(2-chloroethoxy)methane	0.6311	0.6785 0.6840	0.6427 0.7326	0.5668 0.7375	0.6497	Ave		0.6654			0.0500	8.4		15.0			
2,4-Dichlorophenol	0.2633	0.2258 0.2793	0.2262 0.2922	0.2461 0.2793	0.2666	Ave		0.2599			0.0500	9.6		15.0			
1,2,4-Trichlorobenzene	0.3670	0.3968 0.3749	0.3701 0.3940	0.3816 0.3944	0.3726	Ave		0.3814			0.0500	3.2		15.0			
Naphthalene	1.0321 1.0053	0.9967 1.0726	1.0424 1.1549	0.9671 1.1907	1.0182	Ave		1.0534			0.0500	7.1		15.0			
4-Chloroaniline	0.4233	0.3483 0.4502	0.3835 0.4735	0.3958 0.4691	0.4193	Ave		0.4204			0.0500	10.0		15.0			
Hexachlorobutadiene	0.2012	0.2321 0.2099	0.2060 0.2208	0.2029 0.2214	0.2006	Ave		0.2118			0.0500	5.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69820

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/21/2012 13:40 Calibration End Date: 12/21/2012 16:59 Calibration ID: 12956

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dinitrobenzene	0.1633	+++++ 0.1731	0.1272 0.1827	0.1610 0.1772	0.1563	Ave		0.1630			0.0500	11.0		15.0			
Caprolactam	0.1168	0.0789 0.1174	0.0917 0.1253	0.0922 0.1174	0.1264	Qua	-0.039	0.1272	0		0.0500				0.9980		0.9950
4-Chloro-3-methylphenol	0.3570	0.2893 0.3725	0.3250 0.3998	0.3069 0.4051	0.3510	Ave		0.3508			0.0500	12.0		15.0			
2,4-Dinitrophenol	0.1917	+++++ 0.2020	0.0963 0.2076	0.1123 0.2178	0.1487	Qua	-0.291	0.1883	0.0007		0.0500				0.9990		0.9950
2-Methylnaphthalene	0.7791 0.6475	0.7054 0.7006	0.6691 0.7288	0.6360 0.7482	0.6458	Ave		0.6956			0.0500	7.2		15.0			
2,3,5,6-Tetrachlorophenol	0.3169	+++++ 0.3270	0.3009 0.3356	0.2471 0.3359	0.2992	Ave		0.3089			0.0500	10.0		15.0			
1-Methylnaphthalene	0.7916 0.6174	0.5899 0.6526	0.6264 0.6941	0.5876 0.6976	0.6192	Ave		0.6529			0.0500	10.0		15.0			
1,2,3,5-Tetrachlorobenzene	0.6619	0.7001 0.6468	0.6758 0.6913	0.6018 0.6944	0.6321	Ave		0.6630			0.0500	5.2		15.0			
Hexachlorocyclopentadiene	0.3869	0.3755 0.4174	0.3474 0.4421	0.3231 0.4434	0.3771	Ave		0.3891			0.0500	11.0		15.0			
2,4,6-Trichlorophenol	0.3390	0.2937 0.3426	0.3474 0.3515	0.3099 0.3602	0.3389	Ave		0.3354			0.0500	6.7		15.0			
4,6-Dinitro-2-methylphenol	0.1268	+++++ 0.1292	0.0705 0.1455	0.0798 0.1400	0.1128	Qua	-0.094	0.1316	0.0006		0.0500				0.9970		0.9950
2,4,5-Trichlorophenol	0.3661	0.3116 0.3787	0.3311 0.3928	0.3442 0.3901	0.3614	Ave		0.3595			0.0500	8.0		15.0			
2,4-Toluene diamine	0.1796	0.2155 0.1730	0.2254 0.1796	0.2002 0.1956	0.1956	Ave		0.1956			0.0500	9.3		15.0			
1,1'-Biphenyl	1.9966 1.4548	1.3817 1.4793	1.3360 1.5671	1.2790 1.5921	1.3867	Ave		1.4970			0.0500	14.0		15.0			
2-Chloronaphthalene	1.5837 1.2807	1.2394 1.3017	1.2577 1.3587	1.1804 1.3771	1.2576	Ave		1.3152			0.0500	8.9		15.0			
2-Nitroaniline	0.4437	0.3072 0.4591	0.3355 0.4782	0.3655 0.4880	0.4419	Qua	-0.085	0.4308	0.0025		0.0500				1.0000		0.9950
Dimethyl phthalate	1.1919	1.0490 1.2410	1.1302 1.2829	1.0600 1.3226	1.1859	Ave		1.1829			0.0500	8.4		15.0			
2,6-Dinitrotoluene	0.3238	0.1821 0.3412	0.2560 0.3456	0.2770 0.3489	0.2861	Qua	-0.109	0.3262	0.0011		0.0500				1.0000		0.9950
Acenaphthylene	2.2980 1.8449	1.6289 1.9678	1.7956 2.0856	1.5342 2.0806	1.8214	Ave		1.8952			0.0500	13.0		15.0			
3-Nitroaniline	0.3030	0.1977 0.3117	0.2479 0.3246	0.2687 0.3230	0.2895	Ave		0.2833			0.0500	15.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69820

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/21/2012 13:40 Calibration End Date: 12/21/2012 16:59 Calibration ID: 12956

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acenaphthene	1.6408 1.1602	1.1158 1.1843	1.1236 1.2268	1.0355 1.2581	1.1242	Ave		1.2077			0.0500	15.0		15.0			
4-Nitrophenol	0.2162	0.1500 0.2210	0.1682 0.2245	0.1646 0.2313	0.1968	Qua	-0.057	0.2096	0.0009		0.0500				1.0000		0.9950
2,4-Dinitrotoluene	0.4360	0.2826 0.4351	0.3415 0.4603	0.3553 0.4697	0.3941	Qua	-0.087	0.4090	0.0026		0.0500				1.0000		0.9950
Dibenzofuran	2.1217 1.6007	1.5891 1.6717	1.6109 1.7116	1.4500 1.8220	1.5766	Ave		1.6838			0.0500	11.0		15.0			
Diethyl phthalate	1.2834	1.1600 1.3341	1.1871 1.4018	1.1032 1.4144	1.2419	Ave		1.2657			0.0500	9.0		15.0			
4-Chlorophenyl phenyl ether	0.7722	0.8132 0.8085	0.7966 0.8410	0.7089 0.8400	0.7777	Ave		0.7948			0.0500	5.4		15.0			
4-Nitroaniline	0.3317	0.1951 0.3500	0.2434 0.3558	0.2413 0.3586	0.3211	Qua	-0.126	0.3407	0.0010		0.0500				1.0000		0.9950
Fluorene	1.4220 1.2414	1.2100 1.2975	1.2542 1.3649	1.1425 1.3819	1.2316	Ave		1.2829			0.0500	7.1		15.0			
N-Nitrosodiphenylamine	0.5425	0.5162 0.5675	0.5232 0.6135	0.5119 0.5971	0.5361	Ave		0.5510			0.0500	6.9		15.0			
1,2-Diphenylhydrazine(as Azobenzene)	1.0983	0.9181 1.1824	1.0730 1.3140	1.0157 1.2868	1.0929	Ave		1.1227			0.0500	12.0		15.0			
Azobenzene	1.0983	0.9181 1.1824	1.0730 1.3140	1.0157 1.2868	1.0929	Ave		1.1227			0.0500	12.0		15.0			
4-Bromophenyl phenyl ether	0.2409	0.2237 0.2357	0.2477 0.2588	0.2293 0.2452	0.2340	Ave		0.2394			0.0500	4.7		15.0			
Hexachlorobenzene	0.2996 0.2145	0.2358 0.2220	0.2098 0.2399	0.2140 0.2231	0.2144	Ave		0.2304			0.0500	12.0		15.0			
Atrazine	0.1492	0.1299 0.1492	0.1622 0.1516	0.1666 0.1373	0.1639	Ave		0.1512			0.0500	8.6		15.0			
Pentachlorophenol	0.1454	0.0860 0.1440	0.1148 0.1569	0.1225 0.1477	0.1379	Qua	-0.101	0.1518	0		0.0500				0.9980		0.9950
Phenanthrene	1.4943 1.0263	1.0115 1.0883	1.0460 1.1795	0.9645 1.1628	1.0320	Ave		1.1117			0.0500	14.0		15.0			
Anthracene	1.1503 1.0879	0.9883 1.1328	0.9887 1.2455	0.9923 1.2137	1.0801	Ave		1.0977			0.0500	8.8		15.0			
Carbazole	0.9780	0.8116 1.0677	0.9418 1.1690	0.9365 1.1432	1.0151	Ave		1.0078			0.0500	12.0		15.0			
Di-n-butyl phthalate	1.2351	0.9893 1.3467	1.0482 1.4776	1.1148 1.4566	1.2756	Ave		1.2430			0.0500	15.0		15.0			
3,3'-Dimethoxybenzidine	0.2536	+++++ 0.3105	0.1557 0.3339	0.2169 0.3236	0.2738	Qua	-0.170	0.2843	0.0021		0.0500				0.9950		0.9950

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69820

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/21/2012 13:40 Calibration End Date: 12/21/2012 16:59 Calibration ID: 12956

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Fluoranthene	1.2224 1.2099	1.1029 1.2816	1.0839 1.4151	1.1439 1.3903	1.1838	Ave		1.2260			0.0500	9.6		15.0			
Benzidine	 0.4709	0.2774 0.5415	0.2645 0.5717	0.3803 0.5313	0.4835	Qua	-0.309	0.5498	0.0003		0.0500				0.9960		0.9950
Pyrene	1.6119 1.2665	1.1248 1.3306	1.1144 1.4288	1.1596 1.4157	1.2594	Ave		1.3013			0.0500	13.0		15.0			
Butyl benzyl phthalate	 0.5169	0.3767 0.5443	0.4379 0.5891	0.4588 0.5657	0.5499	Ave		0.5049			0.0500	15.0		15.0			
3,3'-Dichlorobenzidine	 0.4166	0.2913 0.4527	0.3587 0.4670	0.3868 0.4609	0.4246	Ave		0.4073			0.0500	15.0		15.0			
4,4'-Methylene bis(2-chloroaniline)	 0.2190	0.1399 0.2352	0.1516 0.2382	0.1867 0.2354	0.2225	Qua	-0.079	0.2337	0.0003		0.0500				0.9990		0.9950
Bis(2-ethylhexyl) phthalate	 0.7394	0.5914 0.8067	0.6035 0.8560	0.6823 0.8402	0.7656	Ave		0.7356			0.0500	14.0		15.0			
Benzo[a]anthracene	1.7135 1.1273	1.0435 1.2198	1.0665 1.2586	1.0705 1.2442	1.1481	Qua	-0.091	1.1420	0.0047		0.0500				0.9990		0.9950
Chrysene	1.5029 1.0644	1.0427 1.1164	1.0323 1.1458	0.9831 1.1323	1.0621	Ave		1.1202			0.0500	14.0		15.0			
Di-n-octyl phthalate	 1.4946	0.8951 1.6567	1.1413 1.7680	1.2406 1.7879	1.5264	Qua	-0.385	1.4681	0.0140		0.0500				0.9990		0.9950
Benzo[b]fluoranthene	1.6889 1.2818	1.0937 1.3805	1.2378 1.4153	1.1093 1.4629	1.3353	Ave		1.3339			0.0500	14.0		15.0			
Benzo[k]fluoranthene	1.2983 1.3606	1.1185 1.4955	1.2460 1.5226	1.3119 1.4871	1.3566	Ave		1.3552			0.0500	9.7		15.0			
Benzo[a]pyrene	1.2101 1.2304	0.9917 1.3135	1.1199 1.3801	1.1142 1.3820	1.1764	Ave		1.2132			0.0500	11.0		15.0			
Indeno[1,2,3-cd]pyrene	1.5127 1.3223	1.1373 1.4355	1.1313 1.4945	1.2372 1.4858	1.3399	Ave		1.3441			0.0500	11.0		15.0			
Dibenz(a,h)anthracene	1.2843 1.0174	0.8231 1.1038	0.9148 1.1408	0.8945 1.1566	1.0238	Ave		1.0399			0.0500	14.0		15.0			
Benzo[g,h,i]perylene	1.6587 1.1280	0.9842 1.1889	0.9816 1.2282	0.9780 1.2427	1.0837	Qua	-0.111	1.0921	0.0065		0.0500				1.0000		0.9950
2-Fluorophenol (Surr)	 1.3868	1.2043 1.4017	1.2163 1.3971	1.2737 1.4665	1.3875	Ave		1.3418			0.0500	7.2		15.0			
Phenol-d5 (Surr)	 1.9595	1.8503 2.0182	1.8206 2.1155	1.8666 2.1585	2.0497	Ave		1.9799			0.0500	6.4		15.0			
Nitrobenzene-d5 (Surr)	0.6214 0.6063	0.4962 0.6686	0.5872 0.6855	0.5374 0.6837	0.6156	Ave		0.6113			0.0500	11.0		15.0			
2-Fluorobiphenyl (Surr)	1.9173 1.6058	1.4518 1.6355	1.4683 1.6851	1.4188 1.7397	1.5073	Ave		1.6033			0.0500	10.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69820

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/21/2012 13:40 Calibration End Date: 12/21/2012 16:59 Calibration ID: 12956

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,4,6-Tribromophenol (Surr)	0.1420	0.1179 0.1484	0.1002 0.1472	0.1056 0.1563	0.1355	Qua	-0.030	0.1354	0.0008		0.0500				0.9990		0.9950
Terphenyl-d14 (Surr)	1.0608 0.8682	0.8800 0.9402	0.8154 0.9629	0.8237 0.9392	0.8611	Ave		0.9057			0.0500	8.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69820

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/21/2012 13:40 Calibration End Date: 12/21/2012 16:59 Calibration ID: 12956

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-69820/6	21221006.D
Level 2	STD2 240-69820/5	21221005.D
Level 3	STD3 240-69820/4	21221004.D
Level 4	STD4 240-69820/3	21221003.D
Level 5	STD5 240-69820/2	21221002.D
Level 6	STD6 240-69820/10	21221010.D
Level 7	STD7 240-69820/9	21221009.D
Level 8	STD8 240-69820/8	21221008.D
Level 9	STD9 240-69820/7	21221007.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	240201	10428 369225	20718 474891	40925 595300	97070	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Ave	370524	15740 566250	33393 743709	54158 902333	146984	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	619643	28625 1000968	56159 1292258	110383 1610046	266044	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Ethyl methacrylate	DCB	Ave	536459	27000 852150	47383 1121024	91716 1381282	223356	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Chloropropionitrile	DCB	Ave	312672	13920 490777	26033 638544	51439 783792	131002	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Malononitrile	DCB	Ave	741659	28368 1165496	54576 1528417	114298 1917804	293193	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Ave	+++++ 590718	29259 872171	57624 1004739	119187 1104640	271430	+++++ 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol	DCB	Ave	748715	35372 1154616	63171 1533039	129951 1926082	315638	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	926371	41935 1470557	79221 1909818	156909 2454368	398576	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	697550	34725 1092495	61293 1423582	121216 1849165	297711	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	447396	18583 700276	42495 947480	76273 1198239	186940	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	550487	30648 871895	52704 1166827	96680 1475048	247122	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Qua	603895	+++++ 973141	31836 1340121	88203 1691814	244730	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
1,4-Dichlorobenzene	DCB	Ave	459429	22558 718184	43253 963191	76824 1230355	205323	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69820

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/21/2012 13:40 Calibration End Date: 12/21/2012 16:59 Calibration ID: 12956

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzyl alcohol	DCB	Ave	332621	15239 533374	27218 682208	56875 872771	142276	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dichlorobenzene	DCB	Ave	540011	27417 845041	52826 1137724	100222 1415252	234966	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	497774	20382 769882	44652 1006968	81551 1296374	211449	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
bis (2-chloroisopropyl) ether	DCB	Ave	679343	36294 1106597	64214 1425770	118489 1842592	294875	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3 & 4 Methylphenol	DCB	Ave	521877	20307 846717	44221 1076994	85052 1380577	224694	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	472315	17937 740260	41256 995266	76073 1240318	200536	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	757406	31630 1172265	68746 1532276	127519 1990411	317125	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	260879	11667 398156	18676 518732	41771 662879	106028	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene	NPT	Ave	826301	36988 1315388	72786 1780356	145866 2250637	351829	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Isophorone	NPT	Ave	1272292	56026 2093949	106201 2752245	212007 3576254	534790	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Qua	226900	7604 352910	16267 496848	34120 620475	97820	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3,5-Trichlorobenzene	NPT	Ave	477195	26913 784545	45010 1013811	83093 1306530	225321	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	557819	22722 888223	49105 1195924	95285 1521678	232527	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethoxy)methane	NPT	Ave	846303	42725 1381309	74437 1840841	135906 2363730	361411	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	353165	14221 564027	26196 734306	59004 895186	148283	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	492123	24989 757121	42862 989972	91502 1264250	207269	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Naphthalene	NPT	Ave	12707 1348137	62769 2166110	120733 2901987	231889 3816568	566398	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	567603	21935 909266	44417 1189897	94904 1503510	233258	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	269765	14617 423847	23855 554896	48637 709483	111564	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dinitrobenzene	ANT	Ave	126941	+++++ 209765	8963 283688	23106 348343	51804	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
Caprolactam	NPT	Qua	156616	4967 237062	10620 314945	22115 376412	70338	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69820

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/21/2012 13:40 Calibration End Date: 12/21/2012 16:59 Calibration ID: 12956

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	478799	18217 752386	37637 1004628	73579 1298568	195247	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrophenol	ANT	Qua	298052	+++++ 489548	13574 644706	32230 856086	98538	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
2-Methylnaphthalene	NPT	Ave	9592 868364	44423 1415002	77494 1831212	152492 2397997	359213	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,3,5,6-Tetrachlorophenol	ANT	Ave	246330	+++++ 396179	21198 521013	35453 660196	99131	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
1-Methylnaphthalene	NPT	Ave	9746 828016	37150 1317955	72544 1744086	140882 2235836	344433	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,3,5-Tetrachlorobenzene	ANT	Ave	514585	26534 783754	47611 1073165	86342 1365010	209444	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorocyclopentadiene	ANT	Ave	300767	14231 505738	24475 686313	46365 871558	124942	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Trichlorophenol	ANT	Ave	263552	11132 415081	24474 545710	44462 707980	112305	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,6-Dinitro-2-methylphenol	PHN	Qua	178853	+++++ 283932	8731 391110	19408 505811	65437	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
2,4,5-Trichlorophenol	ANT	Ave	284590	11810 458891	23329 609729	49381 766854	119739	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Toluene diamine	NPT	Ave	240815	13570 349462	26107 451191	48005 626792	108826	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,1'-Biphenyl	ANT	Ave	14406 1130904	52366 1792447	94122 2432848	183503 3129512	459475	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chloronaphthalene	ANT	Ave	11427 995591	46975 1577267	88607 2109317	169365 2706852	416698	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitroaniline	ANT	Qua	344936	11643 556286	23636 742428	52448 959160	146420	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dimethyl phthalate	ANT	Ave	926589	39759 1503708	79624 1991595	152090 2599690	392929	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dinitrotoluene	ANT	Qua	251687	6903 413430	18035 536439	39739 685788	94797	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthylene	ANT	Ave	16581 1434166	61736 2384363	126502 3237768	220123 4089716	603530	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Nitroaniline	ANT	Ave	235569	7492 377722	17467 503862	38554 634866	95913	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthene	ANT	Ave	11839 901947	42288 1435034	79160 1904458	148565 2472975	372511	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitrophenol	ANT	Qua	168044	5684 267794	11853 348584	23623 454623	65217	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrotoluene	ANT	Qua	338941	10710 527251	24060 714591	50982 923221	130598	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69820

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/21/2012 13:40 Calibration End Date: 12/21/2012 16:59 Calibration ID: 12956

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dibenzofuran	ANT	Ave	15309 1244323	60226 2025568	113492 2657051	208043 3581370	522411	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Diethyl phthalate	ANT	Ave	 997672	43963 1616541	83637 2176114	158283 2780121	411485	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chlorophenyl phenyl ether	ANT	Ave	 600323	30821 979680	56120 1305506	101715 1651155	257703	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Qua	 257826	7395 424072	17145 552307	34618 704769	106384	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	10260 965060	45860 1572145	88364 2118939	163931 2716251	408090	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodiphenylamine	PHN	Ave	 765390	34977 1246733	64805 1648797	124519 2157384	310920	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	 1549535	62210 2597690	132920 3531438	247046 4649295	633891	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	 1549535	62210 2597690	132920 3531438	247046 4649295	633891	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	 339852	15157 517906	30684 695427	55765 886023	135722	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobenzene	PHN	Ave	3920 302681	15979 487626	25985 644859	52047 806168	124349	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Atrazine	PHN	Ave	 210536	8802 327770	20096 407485	40519 496014	95053	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pentachlorophenol	PHN	Qua	 410269	11654 632837	28442 843539	59595 1067306	159934	 20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenanthrene	PHN	Ave	19551 1447985	68540 2390933	129567 3170028	234591 4201192	598554	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	15050 1534802	66962 2488688	122472 3347412	241353 4385069	626449	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	 1379796	54990 2345565	116657 3141931	227795 4130288	588716	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	 1742533	67035 2958480	129839 3971153	271151 5262739	739852	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3,3'-Dimethoxybenzidine	CRY	Qua	 357023	+++++ 673469	19632 922816	53242 1190583	159274	 10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	15993 1706909	74733 2815484	134269 3803371	278239 5023436	686562	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Qua	 662791	18006 1174469	33344 1579841	93364 1954833	281231	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyrene	CRY	Ave	19983 1782701	73001 2886203	140475 3948673	284664 5208727	732555	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Ave	 727579	24449 1180597	55195 1628110	112628 2081370	319880	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69820

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/21/2012 13:40 Calibration End Date: 12/21/2012 16:59 Calibration ID: 12956

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
3,3'-Dichlorobenzidine	CRY	Ave	586413	18902 982024	45219 1290590	94949 1695667	247001	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,4'-Methylene bis(2-chloroaniline)	CRY	Qua	308329	9078 510242	19106 658312	45833 866101	129446	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	1040793	38379 1749846	76075 2365591	167505 3091277	445345	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]anthracene	CRY	Qua	21242 1586836	67724 2645907	134441 3478369	262786 4577717	667835	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	18632 1498225	67668 2421418	130125 3166464	241346 4166071	617817	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Qua	1652273	47259 2840802	112863 3946321	241346 5154454	702863	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	16909 1417002	57747 2367233	122407 3158942	215801 4217528	614869	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	12999 1504120	59056 2564413	123213 3398627	255211 4287066	624693	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Ave	12116 1360238	52362 2252272	110740 3080509	216765 3984105	541695	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	15145 1461810	60047 2461406	111872 3335807	240696 4283350	616995	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Ave	12858 1124740	43461 1892777	90460 2546401	174023 3334279	471414	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[g,h,i]perylene	PRY	Qua	16607 1247035	51966 2038609	97068 2741480	190260 3582462	498994	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	462695	20274 722739	36226 910813	77606 1183517	195311	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	653763	31149 1040637	54224 1379112	113732 1741995	288517	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	7650 813017	31249 1350328	68005 1722387	128853 2191372	342403	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	13834 1248352	55023 1981695	103445 2616027	203566 3419486	499444	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Tribromophenol (Surr)	ANT	Qua	110397	4467 179826	7058 228550	15145 307245	44898	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	13151 1222121	57111 2039332	102779 2661135	202206 3455533	500863	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221002.D		
Lims ID:	std5 tcl	Client ID:	
Inject. Date:	21-Dec-2012 13:40:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0016106-002		
Misc. Info.:	STD5 TCL =STD5 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	69820	Lims Sample ID:	2
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\8270 _9.m		
Last Update:	22-Dec-2012 11:07:30	Calib Date:	21-Dec-2012 20:45:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK002		
First Level Reviewer: ulmanm		Date:	21-Dec-2012 14:23:16

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.014	6.014	0.0	96	112610	4.00	
* 2 Naphthalene-d8	136	7.120	7.120	0.0	98	445004	4.00	
* 3 Acenaphthene-d10	164	8.615	8.615	0.0	87	265078	4.00	
* 4 Phenanthrene-d10	188	9.882	9.882	0.0	97	463989	4.00	
* 5 Chrysene-d12	240	12.494	12.494	0.0	76	465346	4.00	
* 6 Perylene-d12	264	14.625	14.625	0.0	91	368376	4.00	
$ 7 2-Fluorophenol	112	4.785	4.785	0.0	88	195311	5.17	
$ 8 Phenol-d5	99	5.651	5.651	0.0	0	288517	5.18	
$ 9 Nitrobenzene-d5	82	6.495	6.495	0.0	82	342403	5.03	
$ 10 2-Fluorobiphenyl (Surr)	172	8.028	8.028	0.0	99	499444	4.70	
$ 11 2,4,6-Tribromophenol	330	9.283	9.283	0.0	74	44898	5.07	
$ 12 Terphenyl-d14	244	11.260	11.260	0.0	97	500863	4.75	
25 1,4-Dioxane	88	2.728	2.728	0.0	81	97070	4.94	M
26 N-Nitrosodimethylamine	74	3.193	3.193	0.0	77	146984	4.94	
27 Pyridine	79	3.252	3.252	0.0	92	266044	5.02	M
28 Ethyl methacrylate	69	3.818	3.818	0.0	85	223356	4.89	
29 3-Chloropropionitrile	54	4.165	4.165	0.0	87	131002	5.09	
33 Malononitrile	66	4.481	4.481	0.0	95	293193	4.99	
41 Benzaldehyde	77	5.624	5.624	0.0	88	271430	5.54	
43 Phenol	94	5.661	5.661	0.0	92	315638	5.03	
44 Aniline	93	5.715	5.715	0.0	96	398576	5.11	
69 Bis(2-chloroethyl)ether	93	5.763	5.763	0.0	95	297711	5.00	
46 2-Chlorophenol	128	5.821	5.821	0.0	93	186940	4.94	
47 1,3-Dichlorobenzene	146	5.966	5.966	0.0	89	247122	5.06	
48 1,4-Dichlorobenzene	146	6.030	6.030	0.0	75	205323	5.17	
49 Benzyl alcohol	108	6.115	6.115	0.0	87	142276	5.10	
50 1,2-Dichlorobenzene	146	6.163	6.163	0.0	79	234966	4.96	
51 2-Methylphenol	108	6.201	6.201	0.0	95	211449	5.14	
53 2,2'-oxybis[1-chloropropane]	45	6.238	6.238	0.0	98	294875	4.93	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.329	6.329	0.0	84	224694	5.21	
57 N-Nitrosodi-n-propylamine	70	6.350	6.350	0.0	74	200536	5.16	
58 Acetophenone	105	6.356	6.356	0.0	93	317125	5.04	
61 Hexachloroethane	117	6.463	6.463	0.0	86	106028	5.08	
62 Nitrobenzene	77	6.511	6.511	0.0	77	351829	4.93	
64 Isophorone	82	6.708	6.708	0.0	95	534790	4.90	
66 2-Nitrophenol	139	6.783	6.783	0.0	90	97820	5.33	
65 2,4-Dimethylphenol	107	6.794	6.794	0.0	95	232527	4.91	
67 1,3,5-Trichlorobenzene	180	6.794	6.794	0.0	86	225321	5.19	
71 Benzoic acid	122	6.831	6.831	0.0	87	244730	10.2	M
70 Bis(2-chloroethoxy)methane	93	6.885	6.885	0.0	95	361411	4.88	
73 2,4-Dichlorophenol	162	6.981	6.981	0.0	92	148283	5.13	
74 1,2,4-Trichlorobenzene	180	7.066	7.066	0.0	83	207269	4.88	
75 Naphthalene	128	7.141	7.141	0.0	97	566398	4.83	
76 4-Chloroaniline	127	7.168	7.168	0.0	80	233258	4.99	
79 Hexachlorobutadiene	225	7.237	7.237	0.0	88	111564	4.73	
80 1,2,3-Trichlorobenzene	180	7.259	7.259	0.0	88	192928	0	
84 Caprolactam	113	7.445	7.445	0.0	79	70338	5.33	
86 4-Chloro-3-methylphenol	107	7.558	7.558	0.0	85	195247	5.00	
87 2-Methylnaphthalene	142	7.729	7.729	0.0	84	359213	4.64	
88 1-Methylnaphthalene	142	7.814	7.814	0.0	80	344433	4.74	
89 Hexachlorocyclopentadiene	237	7.857	7.857	0.0	77	124942	4.85	
90 1,2,3,5-Tetrachlorobenzene	216	7.857	7.857	0.0	91	209444	4.77	
92 2,4,6-Trichlorophenol	196	7.953	7.953	0.0	91	112305	5.05	
93 2,4,5-Trichlorophenol	196	7.985	7.985	0.0	89	119739	5.03	
97 2,4-Toluene diamine	121	8.097	8.097	0.0	97	108826	5.00	
99 1,2,3,4 -Tetrachlorobenzene	216	8.113	8.113	0.0	83	215322	0	
98 1,1'-Biphenyl	154	8.119	8.119	0.0	92	459475	4.63	
100 2-Chloronaphthalene	162	8.145	8.145	0.0	97	416698	4.78	
102 2-Nitroaniline	65	8.215	8.215	0.0	73	146420	5.17	
105 Dimethyl phthalate	163	8.354	8.354	0.0	96	392929	5.01	
107 2,6-Dinitrotoluene	165	8.412	8.412	0.0	69	94797	4.64	
108 1,2-Dinitrobenzene	168	8.461	8.461	0.0	79	51804	4.80	
109 Acenaphthylene	152	8.498	8.498	0.0	93	603530	4.81	
110 3-Nitroaniline	138	8.562	8.562	0.0	91	95913	5.11	
112 Acenaphthene	153	8.647	8.647	0.0	89	372511	4.65	
111 2,4-Dinitrophenol	184	8.647	8.647	0.0	60	98538	9.13	
113 4-Nitrophenol	109	8.669	8.669	0.0	88	65217	4.86	
114 2,4-Dinitrotoluene	165	8.754	8.754	0.0	75	130598	4.88	
116 Dibenzofuran	168	8.792	8.792	0.0	84	522411	4.68	
118 2,3,5,6-Tetrachlorophenol	232	8.845	8.845	0.0	83	99131	4.84	
121 Diethyl phthalate	149	8.947	8.947	0.0	95	411485	4.91	
123 4-Chlorophenyl phenyl ether	204	9.070	9.070	0.0	89	257703	4.89	
125 4-Nitroaniline	138	9.075	9.075	0.0	77	106384	5.01	
126 Fluorene	166	9.080	9.080	0.0	74	408090	4.80	
128 4,6-Dinitro-2-methylphenol	198	9.102	9.102	0.0	76	65437	4.90	
131 N-Nitrosodiphenylamine	169	9.160	9.160	0.0	99	310920	4.86	
132 1,2-Diphenylhydrazine	77	9.203	9.203	0.0	99	633891	4.87	
133 Azobenzene	77	9.203	9.203	0.0	95	633891	4.87	
139 4-Bromophenyl phenyl ether	248	9.486	9.486	0.0	69	135722	4.89	
141 Hexachlorobenzene	284	9.550	9.550	0.0	81	124349	4.65	
142 Atrazine	200	9.593	9.593	0.0	82	95053	5.42	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.705	9.705	0.0	79	159934	9.75	
148 Phenanthrene	178	9.903	9.903	0.0	97	598554	4.64	
149 Anthracene	178	9.951	9.951	0.0	87	626449	4.92	
151 Carbazole	167	10.068	10.068	0.0	85	588716	5.04	
154 Di-n-butyl phthalate	149	10.325	10.325	0.0	100	739852	5.13	
159 Fluoranthene	202	10.923	10.923	0.0	99	686562	4.83	
160 Benzidine	184	11.019	11.019	0.0	97	281231	4.94	
161 Pyrene	202	11.142	11.142	0.0	96	732555	4.84	
168 Butyl benzyl phthalate	149	11.751	11.751	0.0	91	319880	5.45	
172 3,3'-Dimethoxybenzidine	244	12.376	12.376	0.0	87	159274	5.21	
175 3,3'-Dichlorobenzidine	252	12.424	12.424	0.0	72	247001	5.21	
174 4,4'-Methylene bis(2-chloroanili	231	12.424	12.424	0.0	69	129446	5.07	
173 Bis(2-ethylhexyl) phthalate	149	12.446	12.446	0.0	95	445345	5.20	
177 Benzo[a]anthracene	228	12.478	12.478	0.0	85	667835	5.00	
178 Chrysene	228	12.531	12.531	0.0	86	617817	4.74	
180 Di-n-octyl phthalate	149	13.375	13.375	0.0	99	702863	5.20	
182 Benzo[b]fluoranthene	252	14.027	14.027	0.0	86	614869	5.01	
183 Benzo[k]fluoranthene	252	14.070	14.070	0.0	84	624693	5.01	
184 Benzo[a]pyrene	252	14.535	14.535	0.0	65	541695	4.85	
188 Indeno[1,2,3-cd]pyrene	276	16.335	16.335	0.0	85	616995	4.98	
189 Dibenz(a,h)anthracene	278	16.362	16.362	0.0	61	471414	4.92	
190 Benzo[g,h,i]perylene	276	16.805	16.805	0.0	79	498994	4.92	
S 191 Methyl Phenols,Total	100				0		10.4	

QC Flag Legend

Review Flags
M - Manually Integrated

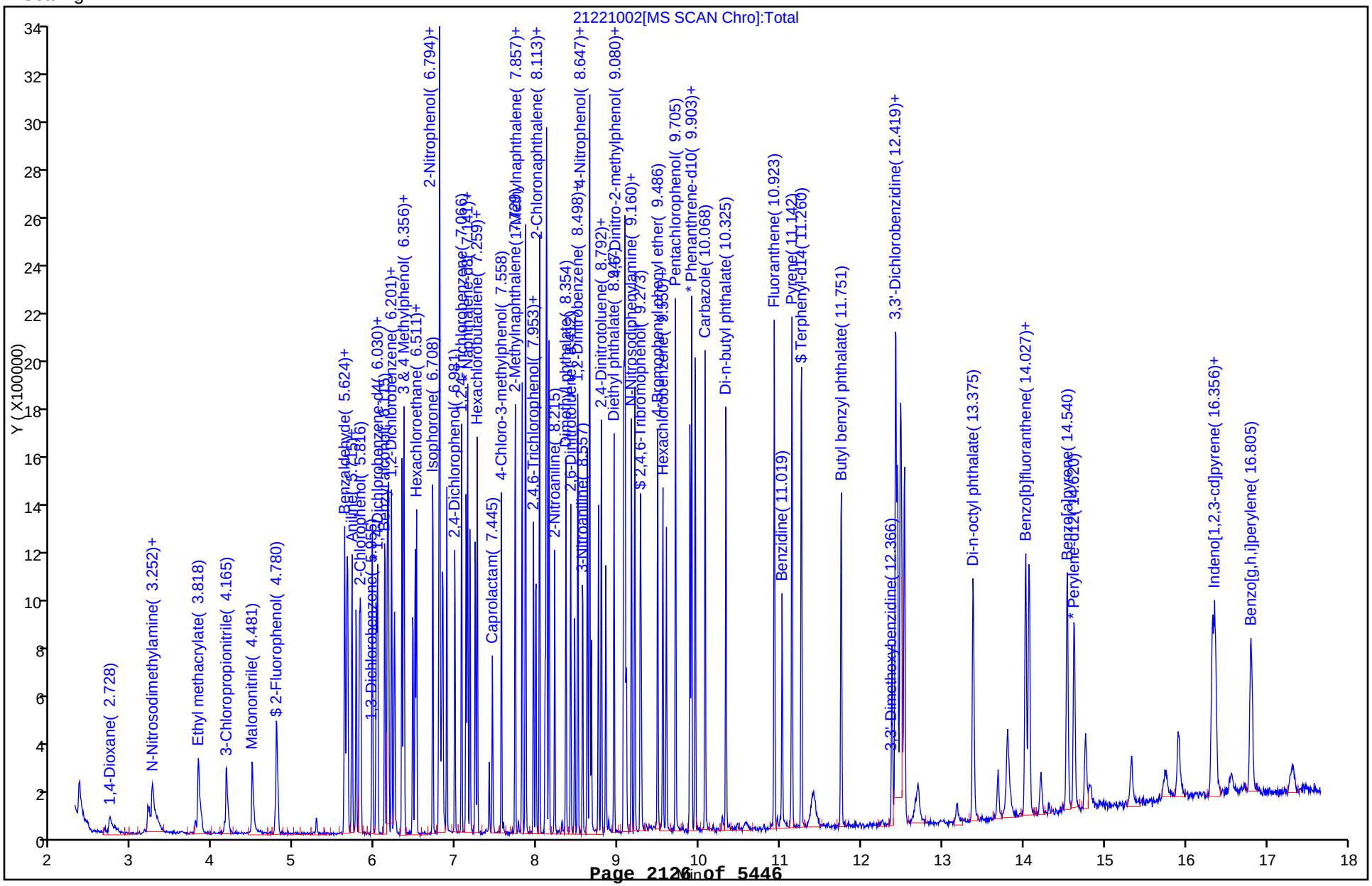
Report Date: 22-Dec-2012 11:07:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221002.D

Injection Date:	21-Dec-2012 13:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

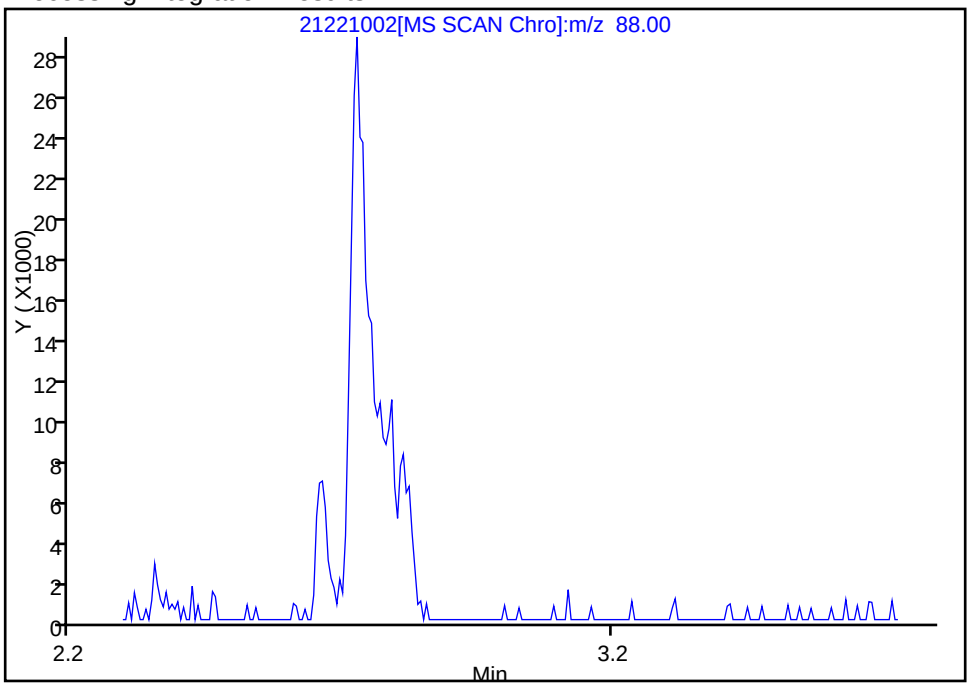
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221002.D		
Injection Date:	21-Dec-2012 13:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.73

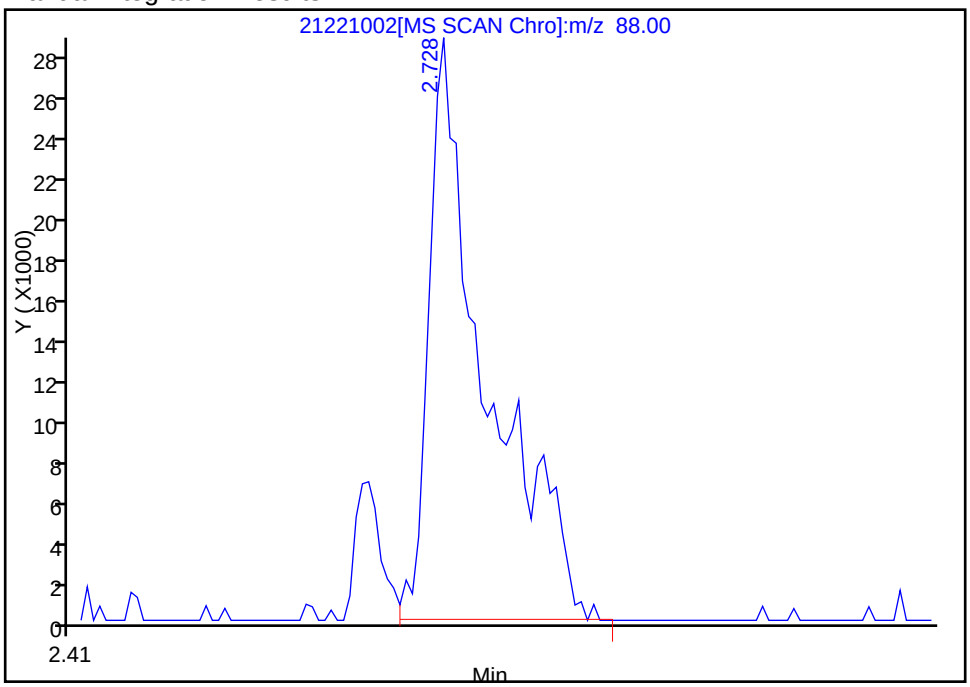
Processing Integration Results

Not Detected
Expected RT: 2.73



Manual Integration Results

RT: 2.73
Response: 97070
Amount: 4.944735



Reviewer: ulmanm, 21-Dec-2012 14:23:16
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

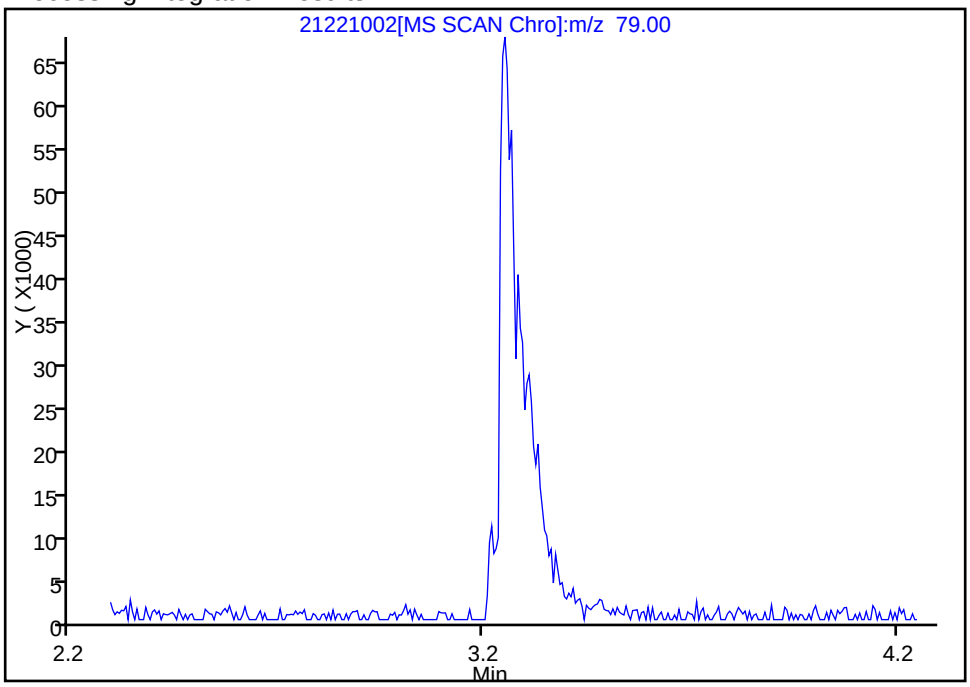
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221002.D		
Injection Date:	21-Dec-2012 13:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.25

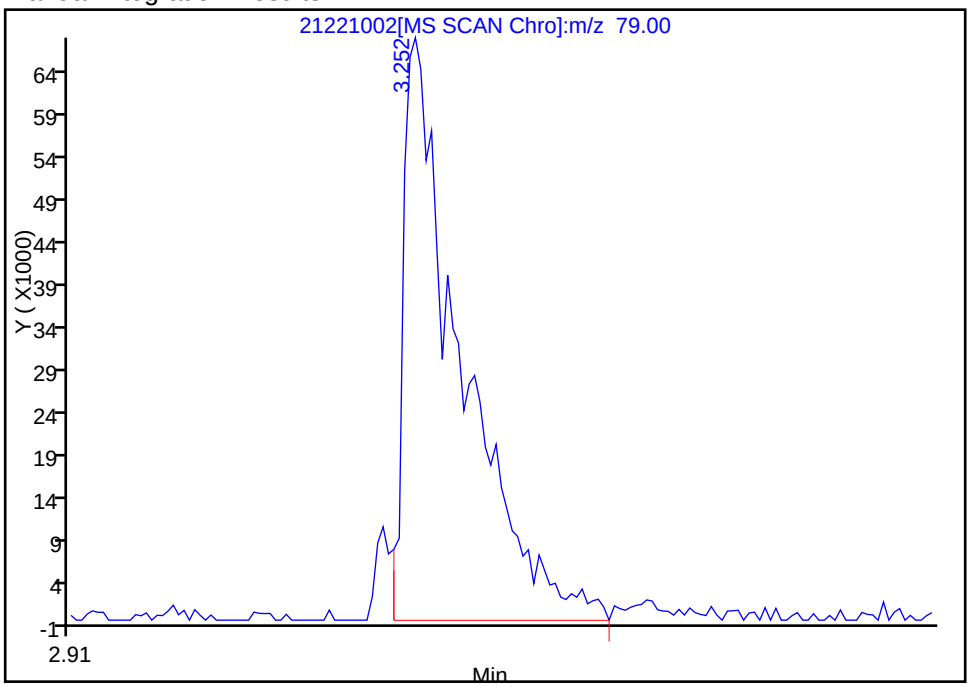
Processing Integration Results

Not Detected
Expected RT: 3.25



Manual Integration Results

RT: 3.25
Response: 266044
Amount: 5.018830



Reviewer: ulmanm, 21-Dec-2012 14:23:16
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

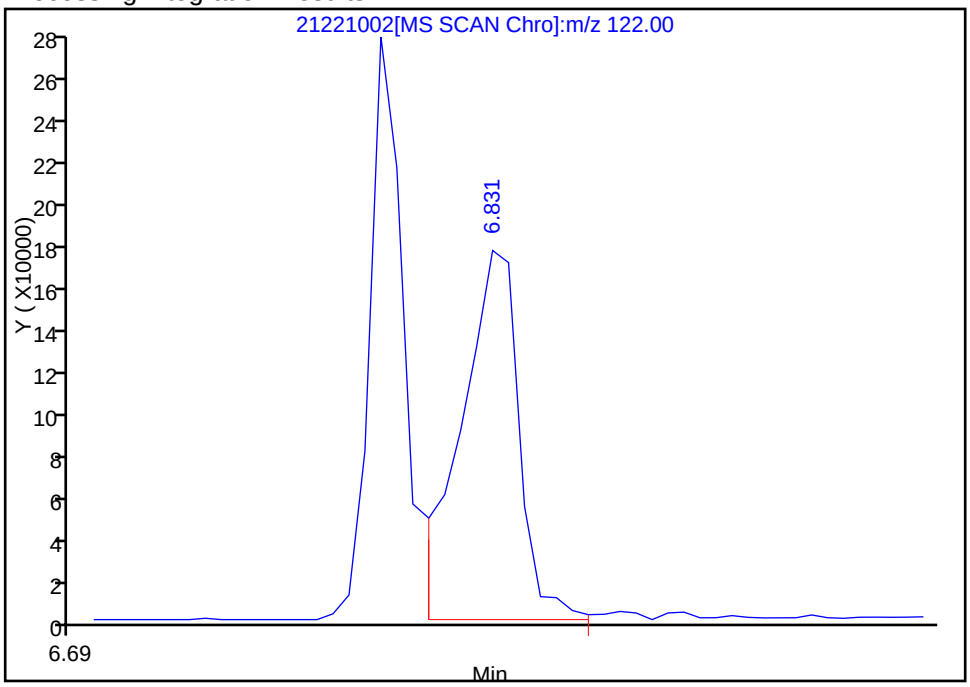
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221002.D		
Injection Date:	21-Dec-2012 13:40:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.83

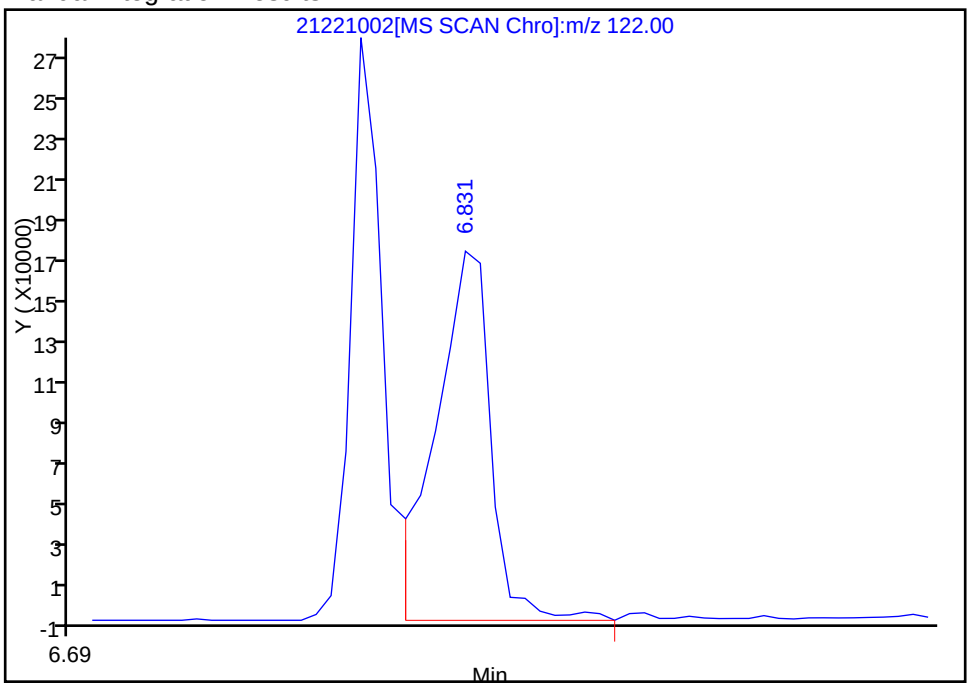
Processing Integration Results

RT: 6.83
Response: 241562
Amount: 10.000000



Manual Integration Results

RT: 6.83
Response: 244730
Amount: 10.242650



Reviewer: ulmanm, 21-Dec-2012 14:23:16
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221003.D		
Lims ID:	std4 tcl	Client ID:	
Inject. Date:	21-Dec-2012 14:05:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0016106-003		
Misc. Info.:	STD4 TCL =STD4 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	69820	Lims Sample ID:	3
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\8270 _9.m		
Last Update:	22-Dec-2012 11:07:32	Calib Date:	21-Dec-2012 20:45:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK002		
First Level Reviewer: ulmanm		Date:	22-Dec-2012 10:08:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.012	6.014	-0.002	94	121858	4.00	
* 2 Naphthalene-d8	136	7.123	7.120	0.003	99	479535	4.00	
* 3 Acenaphthene-d10	164	8.619	8.615	0.004	89	286957	4.00	
* 4 Phenanthrene-d10	188	9.885	9.882	0.003	97	486468	4.00	
* 5 Chrysene-d12	240	12.492	12.494	-0.002	79	490980	4.00	
* 6 Perylene-d12	264	14.624	14.625	-0.001	91	389083	4.00	
$ 7 2-Fluorophenol	112	4.783	4.785	-0.002	84	77606	1.90	
$ 8 Phenol-d5	99	5.649	5.651	-0.002	0	113732	1.89	
$ 9 Nitrobenzene-d5	82	6.493	6.495	-0.002	85	128853	1.76	
$ 10 2-Fluorobiphenyl (Surr)	172	8.026	8.028	-0.002	98	203566	1.77	
$ 11 2,4,6-Tribromophenol	330	9.281	9.283	-0.002	67	15145	1.76	
$ 12 Terphenyl-d14	244	11.258	11.260	-0.002	94	202206	1.82	
25 1,4-Dioxane	88	2.727	2.728	-0.001	74	40925	1.93	M
26 N-Nitrosodimethylamine	74	3.202	3.193	0.009	73	54158	1.68	M
27 Pyridine	79	3.256	3.252	0.004	0	110383	1.92	M
28 Ethyl methacrylate	69	3.816	3.818	-0.002	76	91716	1.86	M
29 3-Chloropropionitrile	54	4.169	4.165	0.004	85	51439	1.85	
33 Malononitrile	66	4.490	4.481	0.009	92	114298	1.80	
41 Benzaldehyde	77	5.622	5.624	-0.002	83	119187	2.25	
43 Phenol	94	5.659	5.661	-0.002	89	129951	1.92	
44 Aniline	93	5.713	5.715	-0.002	96	156909	1.86	
69 Bis(2-chloroethyl)ether	93	5.766	5.763	0.003	93	121216	1.88	
46 2-Chlorophenol	128	5.820	5.821	-0.001	92	76273	1.86	
47 1,3-Dichlorobenzene	146	5.964	5.966	-0.002	84	96680	1.83	
48 1,4-Dichlorobenzene	146	6.028	6.030	-0.002	83	76824	1.79	
49 Benzyl alcohol	108	6.119	6.115	0.004	85	56875	1.89	
50 1,2-Dichlorobenzene	146	6.162	6.163	-0.001	89	100222	1.95	
51 2-Methylphenol	108	6.199	6.201	-0.002	92	81551	1.83	
53 2,2'-oxybis[1-chloropropane]	45	6.236	6.238	-0.002	97	118489	1.83	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.327	6.329	-0.002	85	85052	1.82	
57 N-Nitrosodi-n-propylamine	70	6.349	6.350	-0.001	75	76073	1.81	
58 Acetophenone	105	6.354	6.356	-0.002	85	127519	1.87	
61 Hexachloroethane	117	6.466	6.463	0.003	95	41771	1.85	
62 Nitrobenzene	77	6.509	6.511	-0.002	83	145866	1.90	
64 Isophorone	82	6.712	6.708	0.004	95	212007	1.80	
66 2-Nitrophenol	139	6.787	6.783	0.004	82	34120	1.88	
65 2,4-Dimethylphenol	107	6.792	6.794	-0.002	95	95285	1.87	
67 1,3,5-Trichlorobenzene	180	6.792	6.794	-0.002	80	83093	1.78	
71 Benzoic acid	122	6.824	6.831	-0.007	87	88203	4.07	M
70 Bis(2-chloroethoxy)methane	93	6.883	6.885	-0.002	98	135906	1.70	
73 2,4-Dichlorophenol	162	6.984	6.981	0.003	89	59004	1.89	
74 1,2,4-Trichlorobenzene	180	7.064	7.066	-0.002	86	91502	2.00	
75 Naphthalene	128	7.139	7.141	-0.002	94	231889	1.84	
76 4-Chloroaniline	127	7.171	7.168	0.003	89	94904	1.88	
79 Hexachlorobutadiene	225	7.235	7.237	-0.002	86	48637	1.92	
80 1,2,3-Trichlorobenzene	180	7.262	7.259	0.003	86	77980	0	
84 Caprolactam	113	7.444	7.445	-0.001	74	22115	1.76	
86 4-Chloro-3-methylphenol	107	7.556	7.558	-0.002	87	73579	1.75	
87 2-Methylnaphthalene	142	7.727	7.729	-0.002	86	152492	1.83	
88 1-Methylnaphthalene	142	7.812	7.814	-0.002	84	140882	1.80	
89 Hexachlorocyclopentadiene	237	7.855	7.857	-0.002	59	46365	1.66	
90 1,2,3,5-Tetrachlorobenzene	216	7.855	7.857	-0.002	84	86342	1.82	
92 2,4,6-Trichlorophenol	196	7.951	7.953	-0.002	86	44462	1.85	
93 2,4,5-Trichlorophenol	196	7.983	7.985	-0.002	91	49381	1.91	
97 2,4-Toluene diamine	121	8.095	8.097	-0.002	95	48005	2.05	
99 1,2,3,4 -Tetrachlorobenzene	216	8.112	8.113	-0.001	82	85537	0	
98 1,1'-Biphenyl	154	8.117	8.119	-0.002	96	183503	1.71	
100 2-Chloronaphthalene	162	8.144	8.145	-0.001	93	169365	1.80	
102 2-Nitroaniline	65	8.213	8.215	-0.002	52	52448	1.88	
105 Dimethyl phthalate	163	8.352	8.354	-0.002	94	152090	1.79	
107 2,6-Dinitrotoluene	165	8.411	8.412	-0.001	74	39739	2.02	
108 1,2-Dinitrobenzene	168	8.459	8.461	-0.001	76	23106	1.98	
109 Acenaphthylene	152	8.501	8.498	0.003	92	220123	1.62	
110 3-Nitroaniline	138	8.560	8.562	-0.002	90	38554	1.90	
112 Acenaphthene	153	8.646	8.647	-0.001	90	148565	1.71	
111 2,4-Dinitrophenol	184	8.646	8.647	-0.001	53	32230	3.87	
113 4-Nitrophenol	109	8.667	8.669	-0.002	82	23623	1.83	
114 2,4-Dinitrotoluene	165	8.753	8.754	-0.001	72	50982	1.93	
116 Dibenzofuran	168	8.790	8.792	-0.002	83	208043	1.72	
118 2,3,5,6-Tetrachlorophenol	232	8.843	8.845	-0.002	83	35453	1.60	
121 Diethyl phthalate	149	8.945	8.947	-0.002	93	158283	1.74	
123 4-Chlorophenyl phenyl ether	204	9.068	9.070	-0.002	91	101715	1.78	
125 4-Nitroaniline	138	9.073	9.075	-0.002	78	34618	1.78	
126 Fluorene	166	9.084	9.080	0.004	67	163931	1.78	
128 4,6-Dinitro-2-methylphenol	198	9.100	9.102	-0.002	63	19408	1.91	
131 N-Nitrosodiphenylamine	169	9.159	9.160	-0.001	97	124519	1.86	
132 1,2-Diphenylhydrazine	77	9.201	9.203	-0.002	99	247046	1.81	
133 Azobenzene	77	9.201	9.203	-0.002	94	247046	1.81	
139 4-Bromophenyl phenyl ether	248	9.484	9.486	-0.002	67	55765	1.92	
141 Hexachlorobenzene	284	9.549	9.550	-0.001	74	52047	1.86	
142 Atrazine	200	9.591	9.593	-0.002	79	40519	2.20	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.709	9.705	0.004	79	59595	3.90	
148 Phenanthrene	178	9.901	9.903	-0.002	92	234591	1.74	
149 Anthracene	178	9.949	9.951	-0.002	83	241353	1.81	
151 Carbazole	167	10.072	10.068	0.004	81	227795	1.86	
154 Di-n-butyl phthalate	149	10.329	10.325	0.003	100	271151	1.79	
159 Fluoranthene	202	10.921	10.923	-0.002	94	278239	1.87	
160 Benzidine	184	11.018	11.019	-0.001	84	93364	1.94	
161 Pyrene	202	11.141	11.142	-0.002	96	284664	1.78	
168 Butyl benzyl phthalate	149	11.750	11.751	-0.001	89	112628	1.82	
172 3,3'-Dimethoxybenzidine	244	12.375	12.376	-0.001	78	53242	2.09	
175 3,3'-Dichlorobenzidine	252	12.417	12.424	-0.007	62	94949	1.90	
174 4,4'-Methylene bis(2-chloroanili	231	12.417	12.424	-0.007	66	45833	1.93	
173 Bis(2-ethylhexyl) phthalate	149	12.444	12.446	-0.002	95	167505	1.86	
177 Benzo[a]anthracene	228	12.476	12.478	-0.002	86	262786	1.94	
178 Chrysene	228	12.524	12.531	-0.007	84	241346	1.76	
180 Di-n-octyl phthalate	149	13.374	13.375	-0.001	99	241346	1.92	
182 Benzo[b]fluoranthene	252	14.025	14.027	-0.002	81	215801	1.66	
183 Benzo[k]fluoranthene	252	14.068	14.070	-0.002	82	255211	1.94	
184 Benzo[a]pyrene	252	14.533	14.535	-0.001	71	216765	1.84	
188 Indeno[1,2,3-cd]pyrene	276	16.333	16.335	-0.002	80	240696	1.84	
189 Dibenz(a,h)anthracene	278	16.354	16.362	-0.008	77	174023	1.72	
190 Benzo[g,h,i]perylene	276	16.803	16.805	-0.002	67	190260	1.87	
S 191 Methyl Phenols,Total	100				0		3.66	

QC Flag Legend

Review Flags
M - Manually Integrated

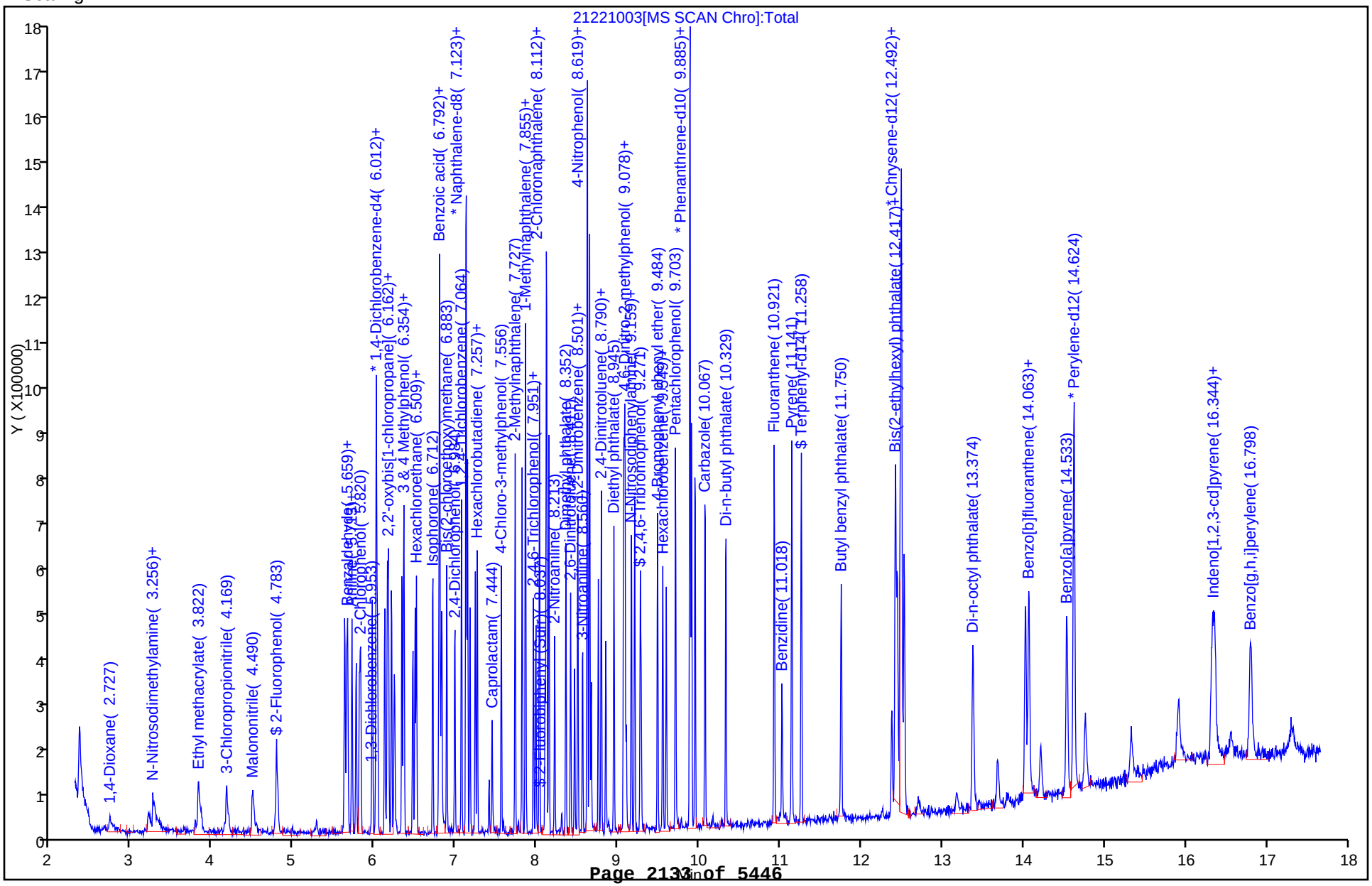
Report Date: 22-Dec-2012 11:07:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	21-Dec-2012 14:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

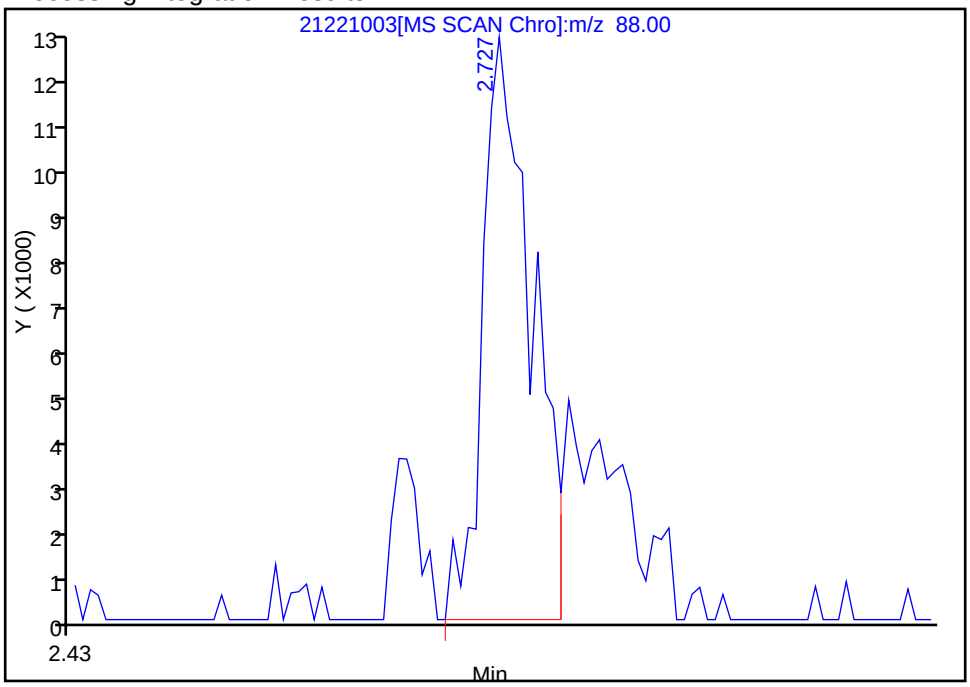
TestAmerica Canton

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Injection Date:	21-Dec-2012 14:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.73

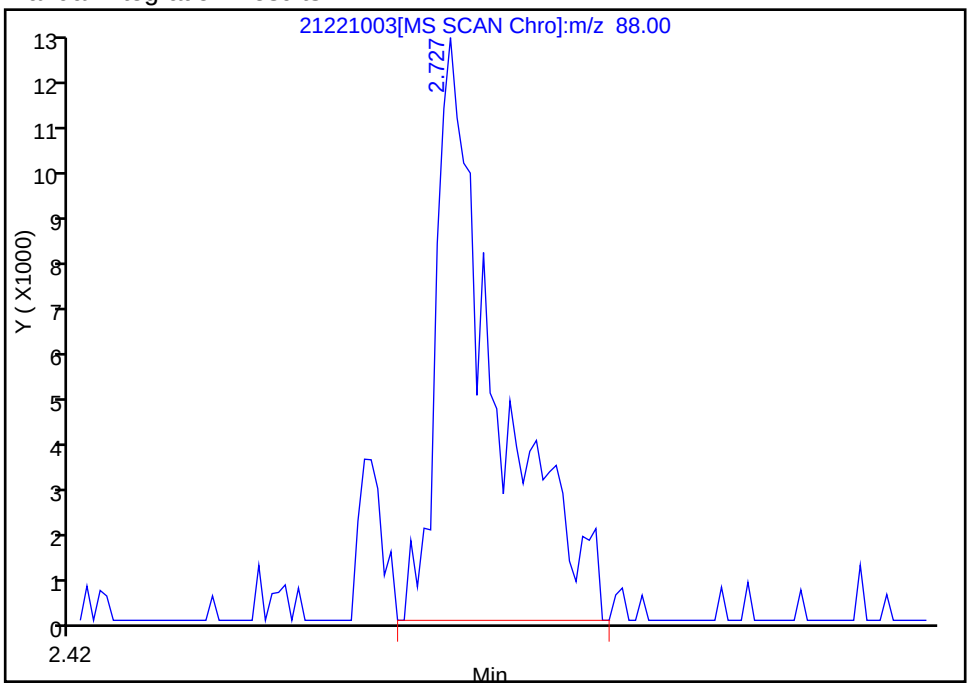
Processing Integration Results

RT: 2.73
Response: 28896
Amount: 1.785075



Manual Integration Results

RT: 2.73
Response: 40925
Amount: 1.926502



Reviewer: ulmanm, 22-Dec-2012 10:08:57
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

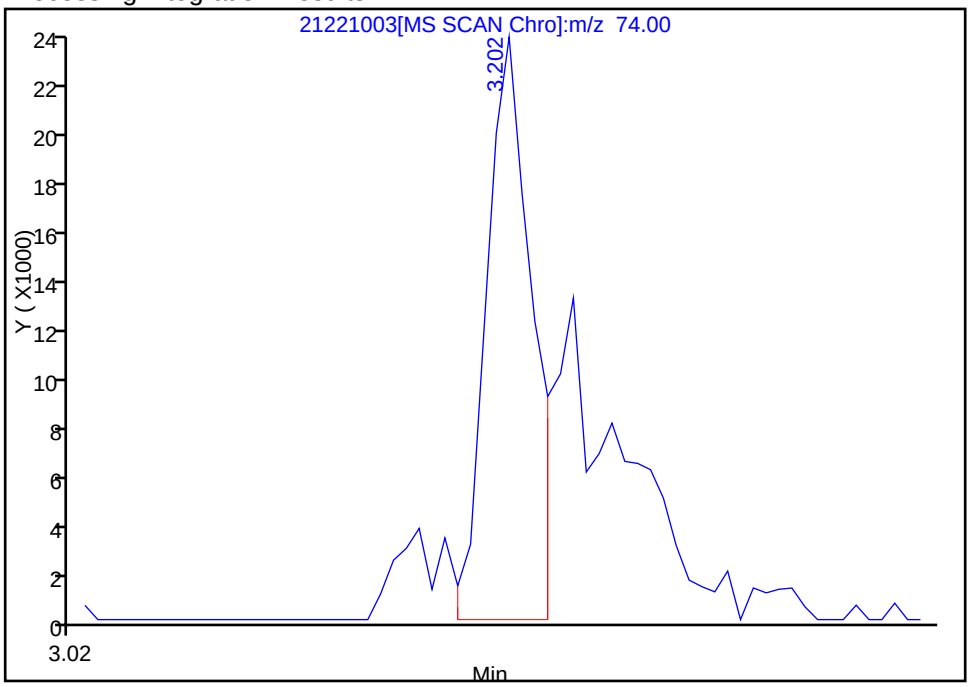
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221003.D		
Injection Date:	21-Dec-2012 14:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.19

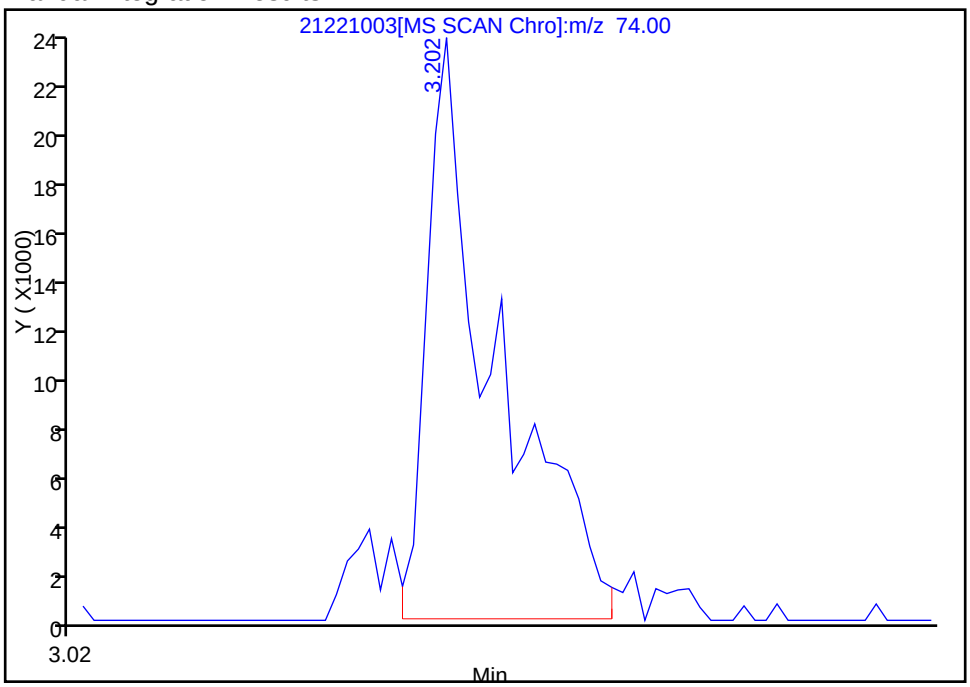
Processing Integration Results

RT: 3.20
Response: 31138
Amount: 1.598092



Manual Integration Results

RT: 3.20
Response: 54158
Amount: 1.681697



Reviewer: ulmanm, 22-Dec-2012 10:08:57
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

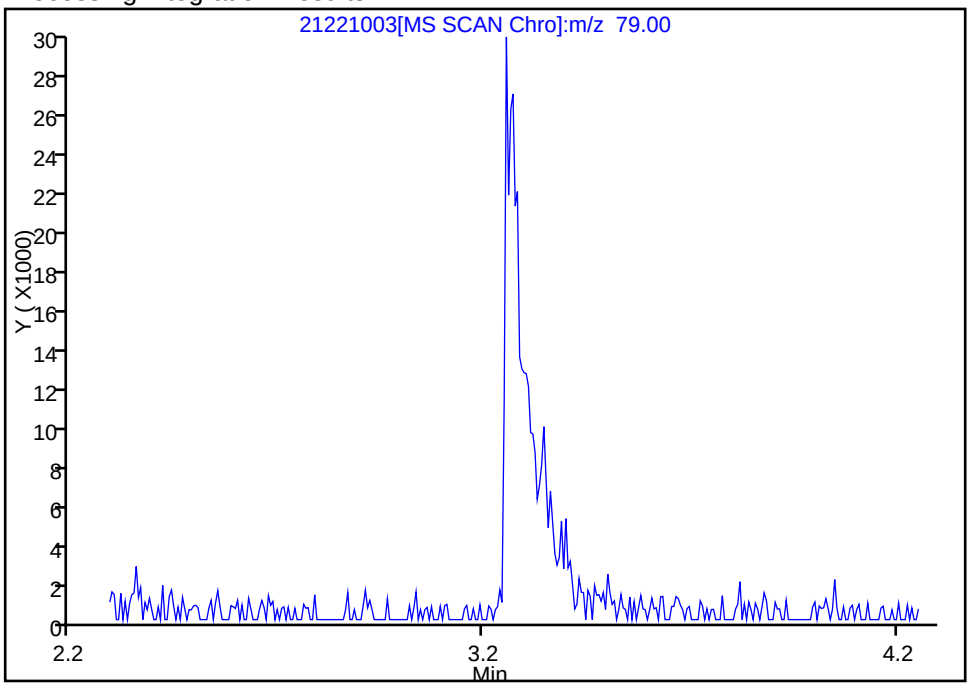
TestAmerica Canton

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Injection Date:	21-Dec-2012 14:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.25

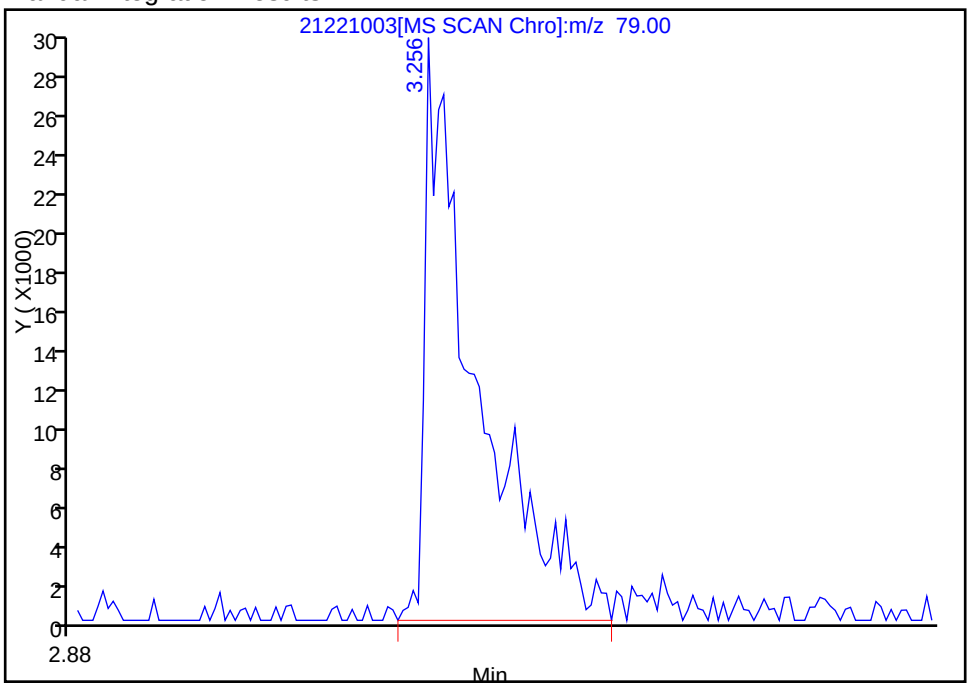
Processing Integration Results

Not Detected
Expected RT: 3.25



Manual Integration Results

RT: 3.26
Response: 110383
Amount: 1.924306



Reviewer: ulmanm, 22-Dec-2012 10:08:57
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

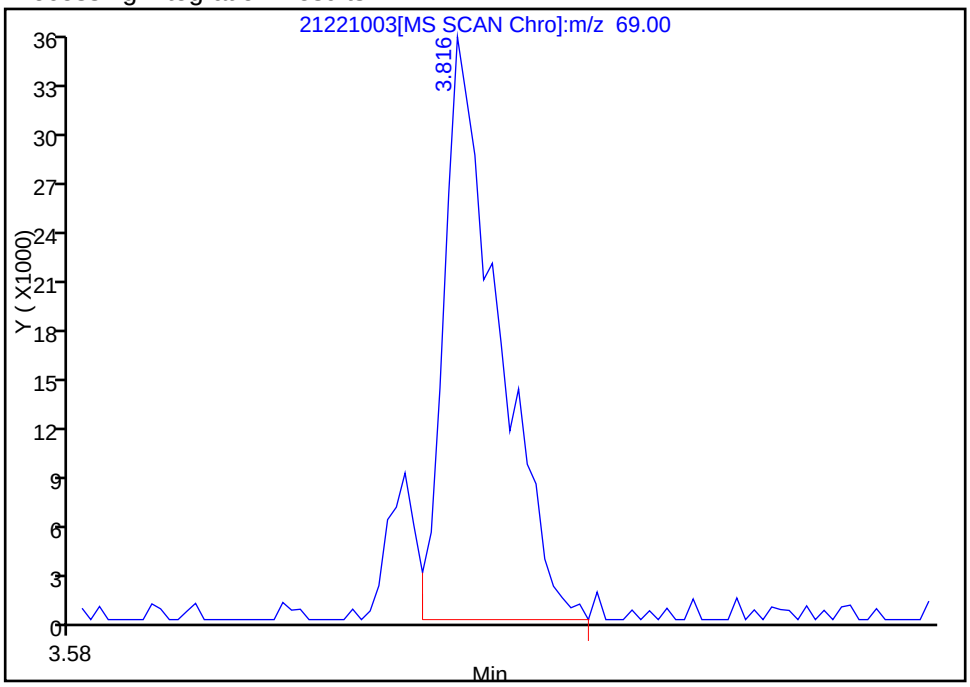
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221003.D		
Injection Date:	21-Dec-2012 14:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

28 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.82

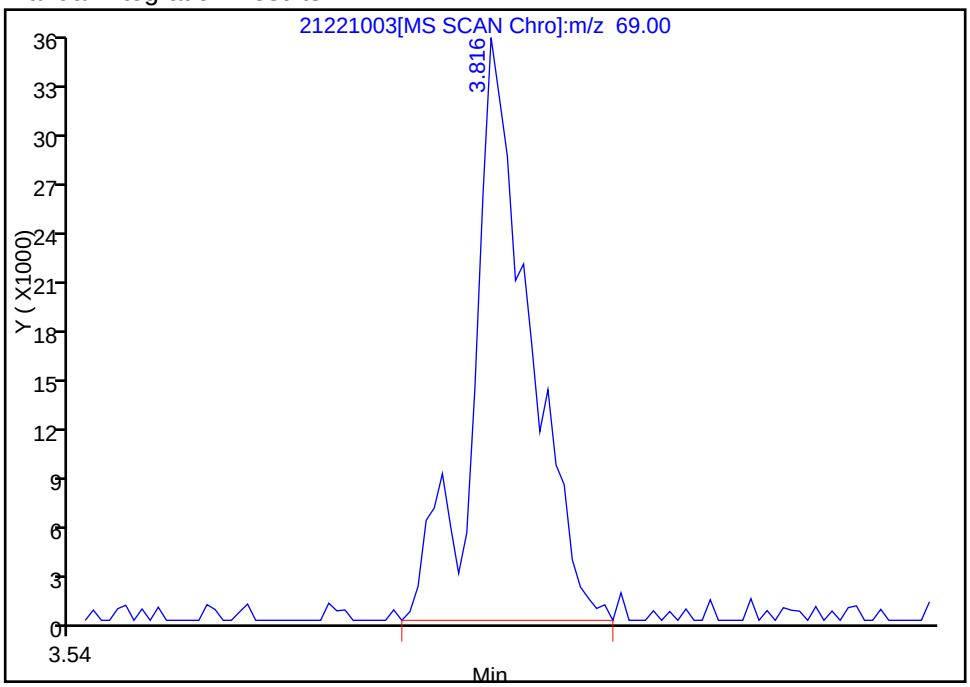
Processing Integration Results

RT: 3.82
Response: 82008
Amount: 1.837894



Manual Integration Results

RT: 3.82
Response: 91716
Amount: 1.855732



Reviewer: ulmanm, 22-Dec-2012 10:08:57
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

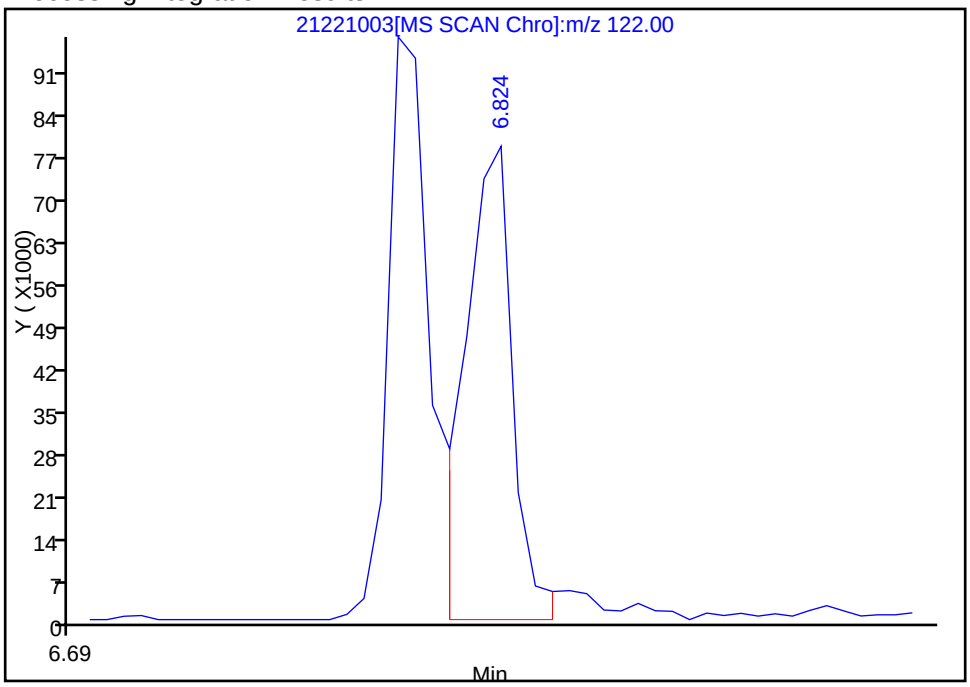
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221003.D		
Injection Date:	21-Dec-2012 14:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.83

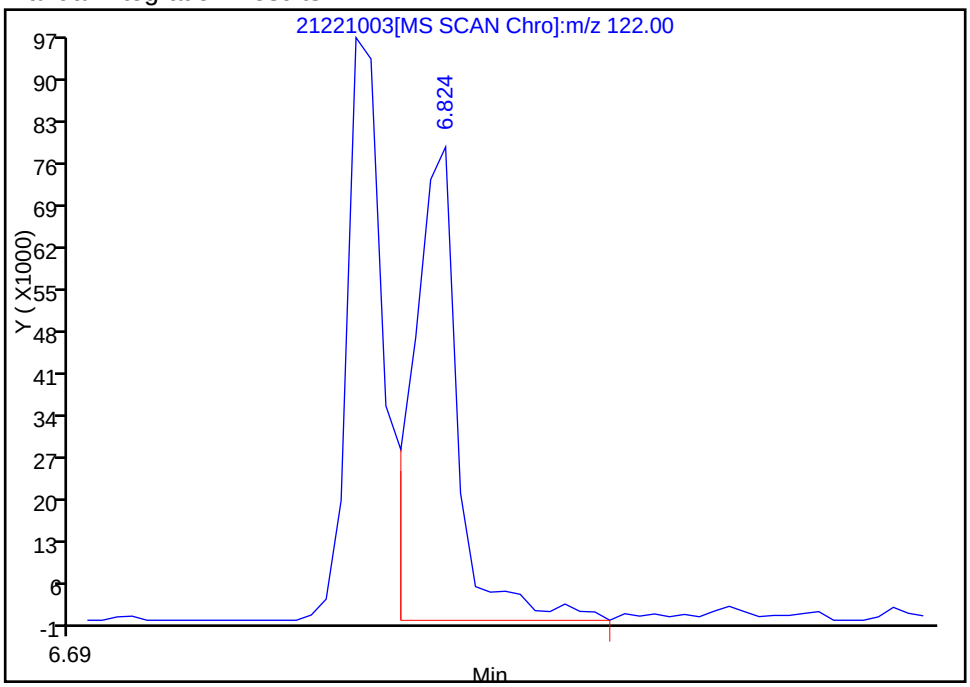
Processing Integration Results

RT: 6.82
Response: 82494
Amount: 3.759238



Manual Integration Results

RT: 6.82
Response: 88203
Amount: 4.072386



Reviewer: ulmanm, 22-Dec-2012 10:08:57
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221004.D		
Lims ID:	std3 tcl	Client ID:	
Inject. Date:	21-Dec-2012 14:29:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0016106-004		
Misc. Info.:	STD3 TCL =STD3 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	69820	Lims Sample ID:	4
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\8270 _9.m		
Last Update:	22-Dec-2012 11:07:34	Calib Date:	21-Dec-2012 20:45:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK002		
First Level Reviewer: ulmanm		Date:	22-Dec-2012 10:13:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.016	6.014	0.002	87	119132	4.00	
* 2 Naphthalene-d8	136	7.122	7.120	0.002	99	463269	4.00	
* 3 Acenaphthene-d10	164	8.618	8.615	0.003	95	281809	4.00	
* 4 Phenanthrene-d10	188	9.884	9.882	0.002	94	495490	4.00	
* 5 Chrysene-d12	240	12.491	12.494	-0.003	75	504216	4.00	
* 6 Perylene-d12	264	14.617	14.625	-0.008	80	395549	4.00	
$ 7 2-Fluorophenol	112	4.782	4.785	-0.003	80	36226	0.9065	
$ 8 Phenol-d5	99	5.648	5.651	-0.003	0	54224	0.9196	
$ 9 Nitrobenzene-d5	82	6.492	6.495	-0.003	84	68005	0.9605	
$ 10 2-Fluorobiphenyl (Surr)	172	8.025	8.028	-0.003	97	103445	0.9158	
$ 11 2,4,6-Tribromophenol	330	9.280	9.283	-0.003	34	7058	0.9549	
$ 12 Terphenyl-d14	244	11.257	11.260	-0.003	95	102779	0.9002	
25 1,4-Dioxane	88	2.725	2.728	-0.003	57	20718	1.00	M
26 N-Nitrosodimethylamine	74	3.196	3.193	0.003	60	33393	1.06	M
27 Pyridine	79	3.276	3.252	0.024	76	56159	1.00	M
28 Ethyl methacrylate	69	3.821	3.818	0.003	71	47383	0.9807	M
29 3-Chloropropionitrile	54	4.163	4.165	-0.002	75	26033	0.9559	M
33 Malononitrile	66	4.488	4.481	0.007	78	54576	0.8788	M
41 Benzaldehyde	77	5.621	5.624	-0.003	91	57624	1.11	
43 Phenol	94	5.658	5.661	-0.003	89	63171	0.9523	
44 Aniline	93	5.717	5.715	0.002	97	79221	0.9604	
69 Bis(2-chloroethyl)ether	93	5.765	5.763	0.002	86	61293	0.9736	
46 2-Chlorophenol	128	5.819	5.821	-0.002	86	42495	1.06	
47 1,3-Dichlorobenzene	146	5.963	5.966	-0.003	87	52704	1.02	
48 1,4-Dichlorobenzene	146	6.027	6.030	-0.003	79	43253	1.03	
49 Benzyl alcohol	108	6.118	6.115	0.003	87	27218	0.9228	
50 1,2-Dichlorobenzene	146	6.166	6.163	0.003	79	52826	1.05	
51 2-Methylphenol	108	6.203	6.201	0.002	89	44652	1.03	
53 2,2'-oxybis[1-chloropropane]	45	6.235	6.238	-0.003	96	64214	1.01	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.331	6.329	0.002	84	44221	0.9695	
57 N-Nitrosodi-n-propylamine	70	6.347	6.350	-0.003	72	41256	1.00	
58 Acetophenone	105	6.358	6.356	0.002	86	68746	1.03	
61 Hexachloroethane	117	6.465	6.463	0.002	83	18676	0.8459	
62 Nitrobenzene	77	6.508	6.511	-0.003	74	72786	0.9791	
64 Isophorone	82	6.711	6.708	0.003	93	106201	0.9346	
66 2-Nitrophenol	139	6.786	6.783	0.003	83	16267	1.01	
65 2,4-Dimethylphenol	107	6.796	6.794	0.002	88	49105	1.00	
67 1,3,5-Trichlorobenzene	180	6.796	6.794	0.002	78	45010	1.00	
71 Benzoic acid	122	6.812	6.831	-0.019	81	31836	2.06	M
70 Bis(2-chloroethoxy)methane	93	6.882	6.885	-0.003	97	74437	0.9660	
73 2,4-Dichlorophenol	162	6.983	6.981	0.002	85	26196	0.8704	
74 1,2,4-Trichlorobenzene	180	7.063	7.066	-0.003	85	42862	0.9703	
75 Naphthalene	128	7.138	7.141	-0.003	96	120733	0.9896	
76 4-Chloroaniline	127	7.170	7.168	0.002	73	44417	0.9123	
79 Hexachlorobutadiene	225	7.234	7.237	-0.003	82	23855	0.9723	
80 1,2,3-Trichlorobenzene	180	7.261	7.259	0.002	78	42008	0	
84 Caprolactam	113	7.443	7.445	-0.002	60	10620	1.03	
86 4-Chloro-3-methylphenol	107	7.555	7.558	-0.003	80	37637	0.9263	
87 2-Methylnaphthalene	142	7.726	7.729	-0.003	82	77494	0.9619	
88 1-Methylnaphthalene	142	7.811	7.814	-0.003	81	72544	0.9593	
89 Hexachlorocyclopentadiene	237	7.854	7.857	-0.003	72	24475	0.8928	
90 1,2,3,5-Tetrachlorobenzene	216	7.854	7.857	-0.003	90	47611	1.02	
92 2,4,6-Trichlorophenol	196	7.955	7.953	0.002	81	24474	1.04	
93 2,4,5-Trichlorophenol	196	7.982	7.985	-0.003	87	23329	0.9211	
97 2,4-Toluene diamine	121	8.094	8.097	-0.003	90	26107	1.15	
99 1,2,3,4 -Tetrachlorobenzene	216	8.110	8.113	-0.003	82	43689	0	
98 1,1'-Biphenyl	154	8.116	8.119	-0.003	93	94122	0.8924	
100 2-Chloronaphthalene	162	8.142	8.145	-0.003	94	88607	0.9563	
102 2-Nitroaniline	65	8.212	8.215	-0.003	65	23636	0.9718	
105 Dimethyl phthalate	163	8.351	8.354	-0.003	90	79624	0.9554	
107 2,6-Dinitrotoluene	165	8.410	8.412	-0.002	76	18035	1.11	
108 1,2-Dinitrobenzene	168	8.463	8.461	0.003	80	8963	0.7805	
109 Acenaphthylene	152	8.500	8.498	0.002	93	126502	0.9474	
110 3-Nitroaniline	138	8.559	8.562	-0.003	82	17467	0.8753	
112 Acenaphthene	153	8.645	8.647	-0.002	90	79160	0.9304	
111 2,4-Dinitrophenol	184	8.645	8.647	-0.002	37	13574	2.54	
113 4-Nitrophenol	109	8.666	8.669	-0.003	84	11853	1.07	
114 2,4-Dinitrotoluene	165	8.751	8.754	-0.003	64	24060	1.04	
116 Dibenzofuran	168	8.789	8.792	-0.003	84	113492	0.9567	
118 2,3,5,6-Tetrachlorophenol	232	8.848	8.845	0.003	68	21198	0.9740	
121 Diethyl phthalate	149	8.944	8.947	-0.003	92	83637	0.9379	
123 4-Chlorophenyl phenyl ether	204	9.067	9.070	-0.003	87	56120	1.00	
125 4-Nitroaniline	138	9.072	9.075	-0.003	71	17145	1.08	
126 Fluorene	166	9.083	9.080	0.003	78	88364	0.9777	
128 4,6-Dinitro-2-methylphenol	198	9.099	9.102	-0.003	4	8731	1.24	
131 N-Nitrosodiphenylamine	169	9.163	9.160	0.003	87	64805	0.9495	
132 1,2-Diphenylhydrazine	77	9.200	9.203	-0.003	99	132920	0.9558	
133 Azobenzene	77	9.200	9.203	-0.003	94	132920	0.9558	
139 4-Bromophenyl phenyl ether	248	9.483	9.486	-0.003	62	30684	1.03	
141 Hexachlorobenzene	284	9.547	9.550	-0.003	69	25985	0.9107	
142 Atrazine	200	9.590	9.593	-0.003	62	20096	1.07	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.708	9.705	0.003	78	28442	2.18	
148 Phenanthrene	178	9.905	9.903	0.002	85	129567	0.9409	
149 Anthracene	178	9.948	9.951	-0.003	84	122472	0.9007	
151 Carbazole	167	10.071	10.068	0.003	83	116657	0.9344	
154 Di-n-butyl phthalate	149	10.327	10.325	0.002	96	129839	0.8433	
159 Fluoranthene	202	10.920	10.923	-0.003	97	134269	0.8841	
160 Benzidine	184	11.016	11.019	-0.003	72	33344	1.04	
161 Pyrene	202	11.139	11.142	-0.003	94	140475	0.8564	
168 Butyl benzyl phthalate	149	11.748	11.751	-0.003	89	55195	0.8672	
172 3,3'-Dimethoxybenzidine	244	12.373	12.376	-0.003	47	19632	1.14	M
175 3,3'-Dichlorobenzidine	252	12.421	12.424	-0.003	60	45219	0.8807	
174 4,4'-Methylene bis(2-chloroanili	231	12.421	12.424	-0.003	62	19106	0.9852	
173 Bis(2-ethylhexyl) phthalate	149	12.437	12.446	-0.009	91	76075	0.8204	
177 Benzo[a]anthracene	228	12.475	12.478	-0.003	74	134441	1.01	
178 Chrysene	228	12.528	12.531	-0.003	88	130125	0.9215	
180 Di-n-octyl phthalate	149	13.378	13.375	0.003	94	112863	1.03	
182 Benzo[b]fluoranthene	252	14.024	14.027	-0.003	88	122407	0.9280	
183 Benzo[k]fluoranthene	252	14.062	14.070	-0.008	87	123213	0.9194	
184 Benzo[a]pyrene	252	14.537	14.535	0.003	62	110740	0.9231	
188 Indeno[1,2,3-cd]pyrene	276	16.316	16.335	-0.019	81	111872	0.8417	M
189 Dibenz(a,h)anthracene	278	16.359	16.362	-0.003	1	90460	0.8797	M
190 Benzo[g,h,i]perylene	276	16.802	16.805	-0.003	73	97068	1.00	M
S 191 Methyl Phenols,Total	100				0		2.00	

QC Flag Legend

Review Flags
M - Manually Integrated

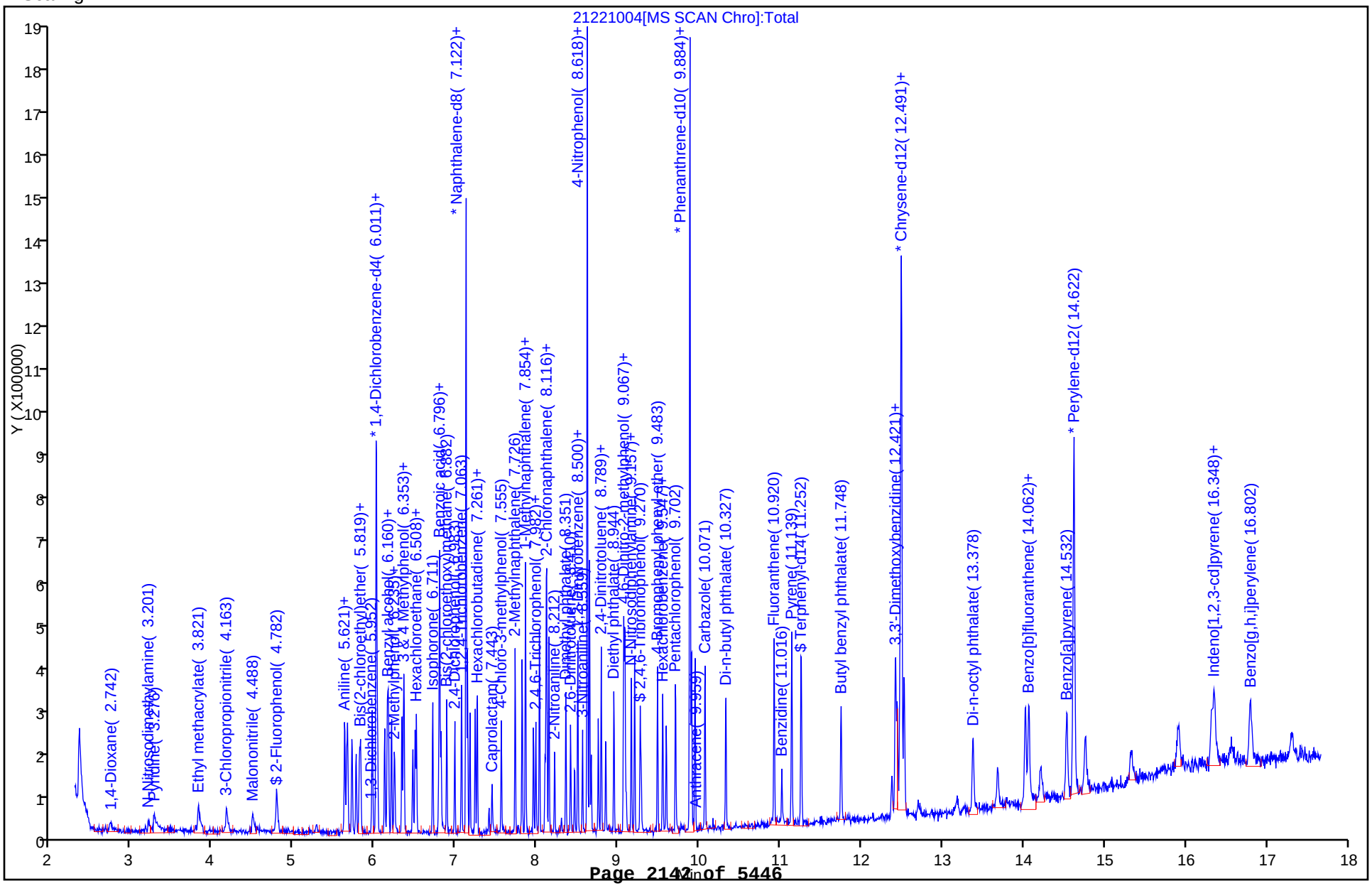
Report Date: 22-Dec-2012 11:07:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221004.D

Injection Date:	21-Dec-2012 14:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Report Date: 22-Dec-2012 11:07:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

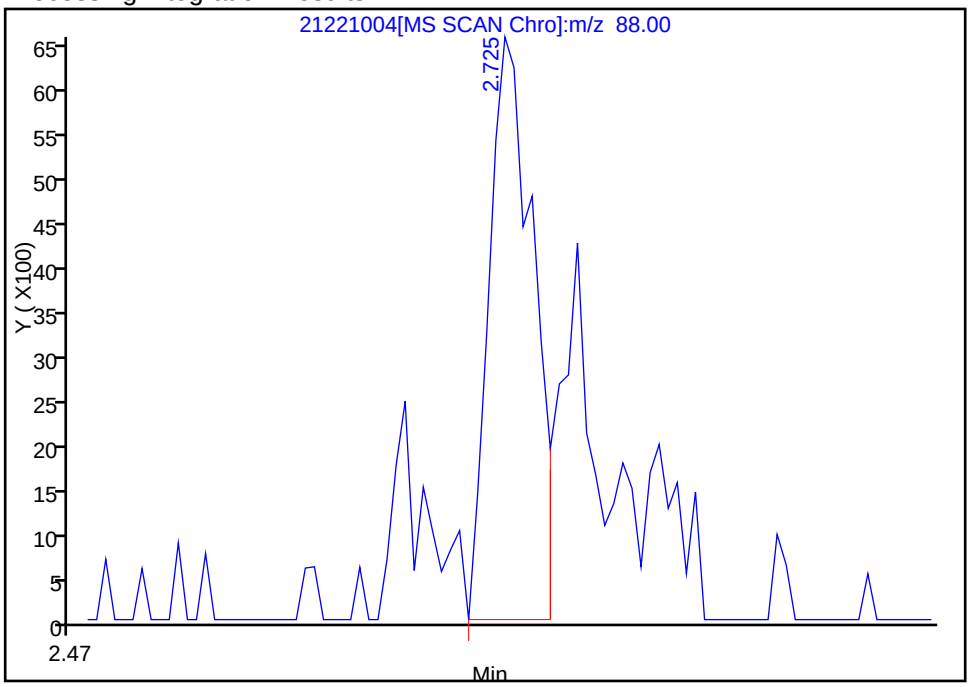
TestAmerica Canton

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Injection Date:	21-Dec-2012 14:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.73

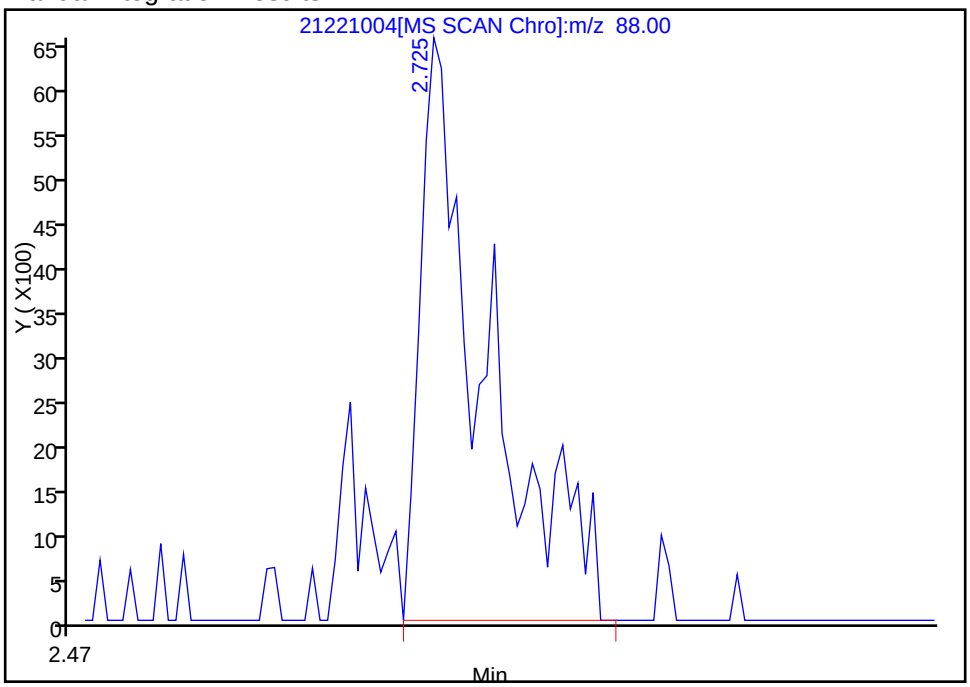
Processing Integration Results

RT: 2.73
Response: 11812
Amount: 0.602866



Manual Integration Results

RT: 2.73
Response: 20718
Amount: 0.997595



Reviewer: ulmanm, 22-Dec-2012 10:13:04
Audit Action: Manually Integrated
Audit Reason: Wrong Isomer

Manual Integration/User Assign Peak Report

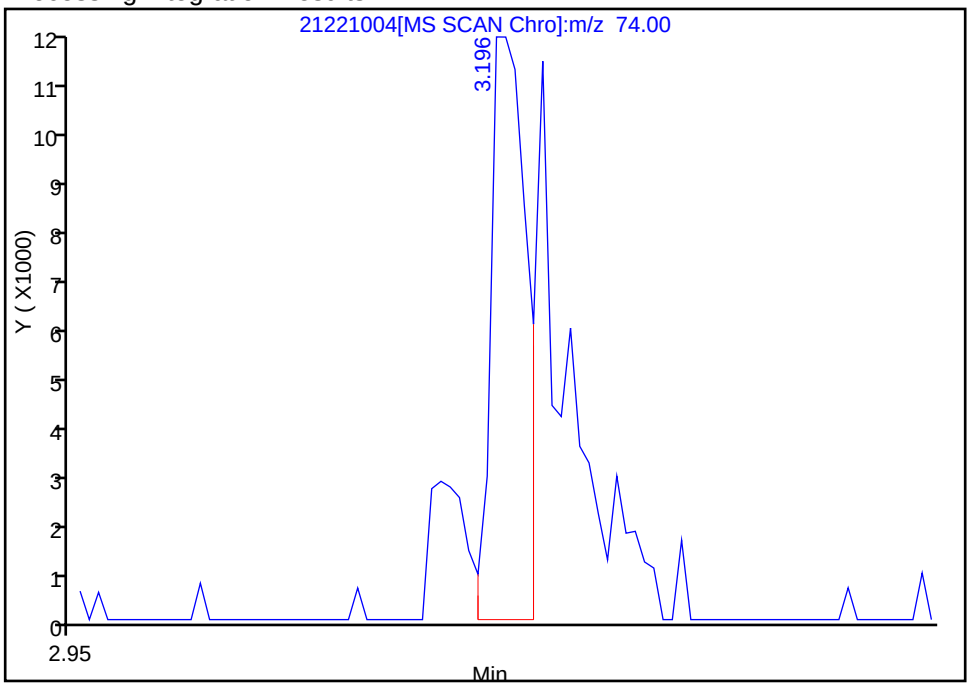
TestAmerica Canton

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Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.19

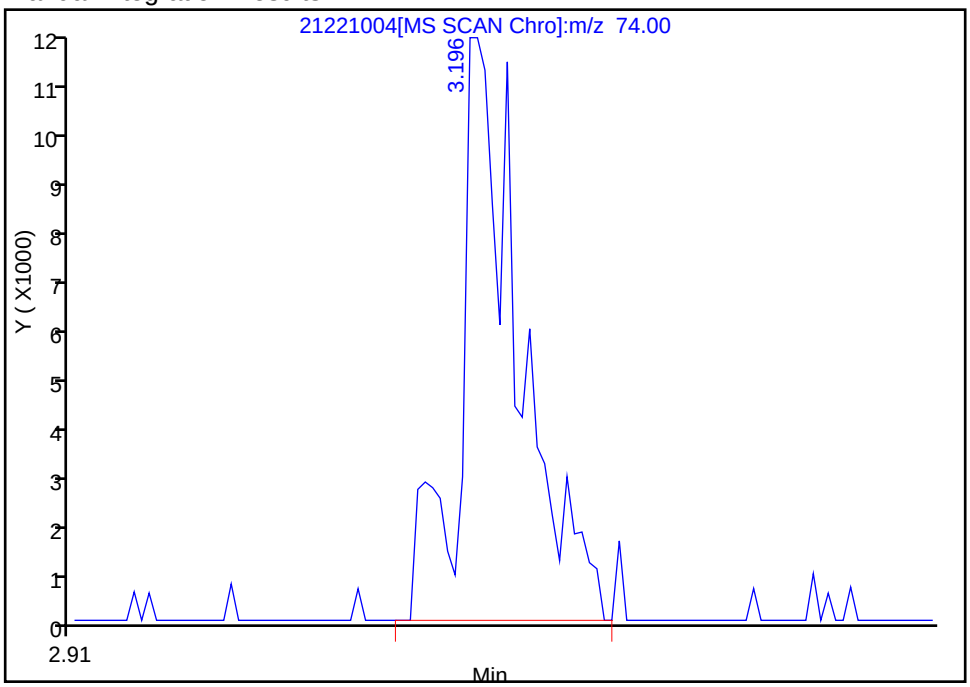
Processing Integration Results

RT: 3.20
Response: 16172
Amount: 0.873307



Manual Integration Results

RT: 3.20
Response: 33393
Amount: 1.060636



Reviewer: ulmanm, 22-Dec-2012 10:13:04
Audit Action: Manually Integrated
Audit Reason: Wrong Isomer

Manual Integration/User Assign Peak Report

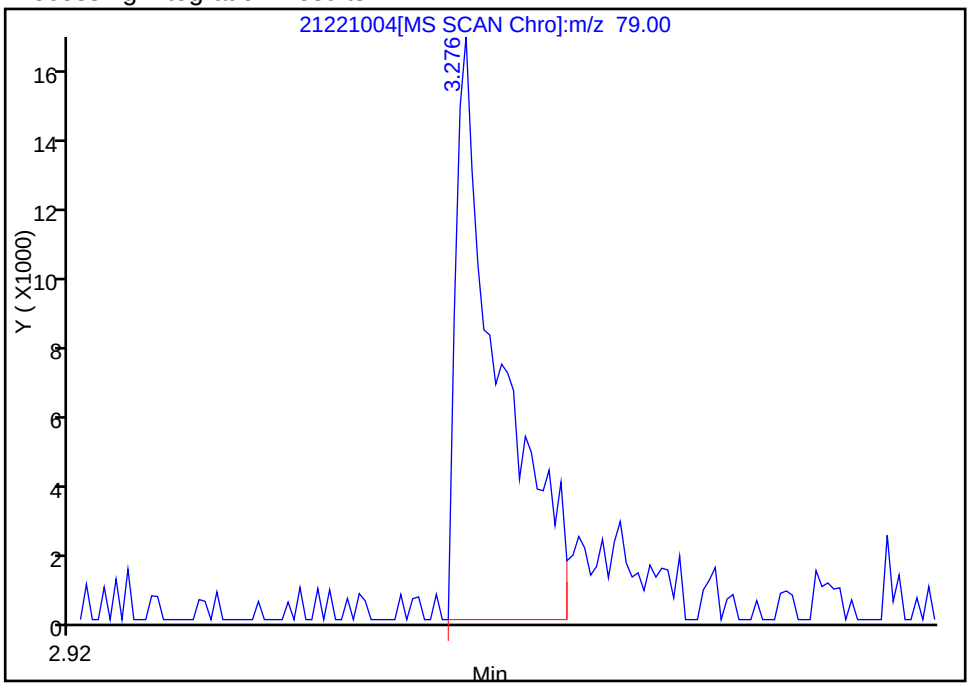
TestAmerica Canton

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Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.25

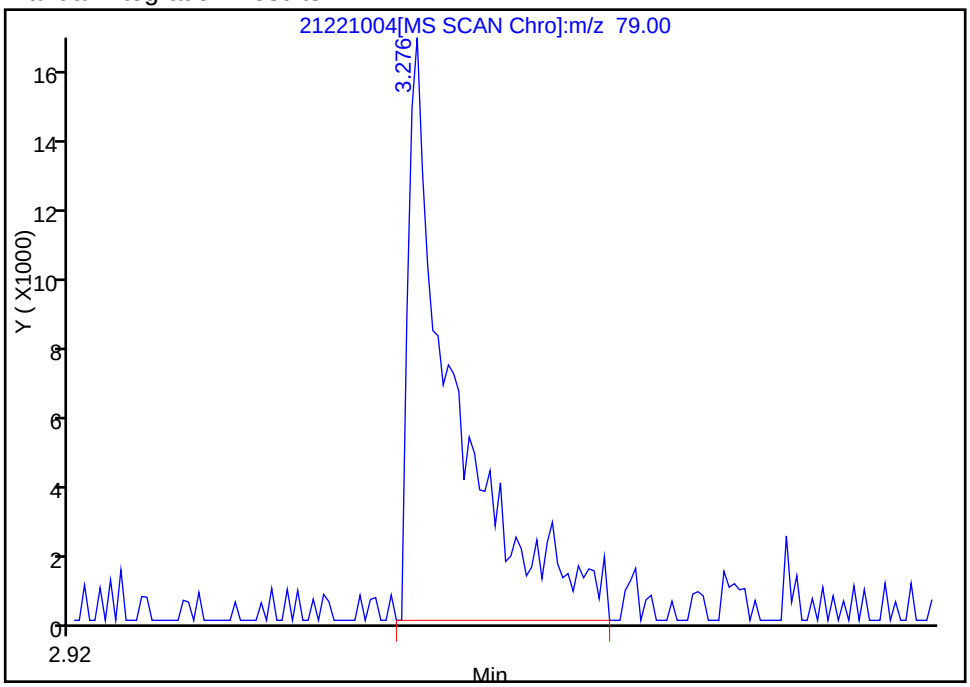
Processing Integration Results

RT: 3.28
Response: 46126
Amount: 1.008358



Manual Integration Results

RT: 3.28
Response: 56159
Amount: 1.001422



Reviewer: ulmanm, 22-Dec-2012 10:13:04
Audit Action: Manually Integrated
Audit Reason: Wrong Isomer

Manual Integration/User Assign Peak Report

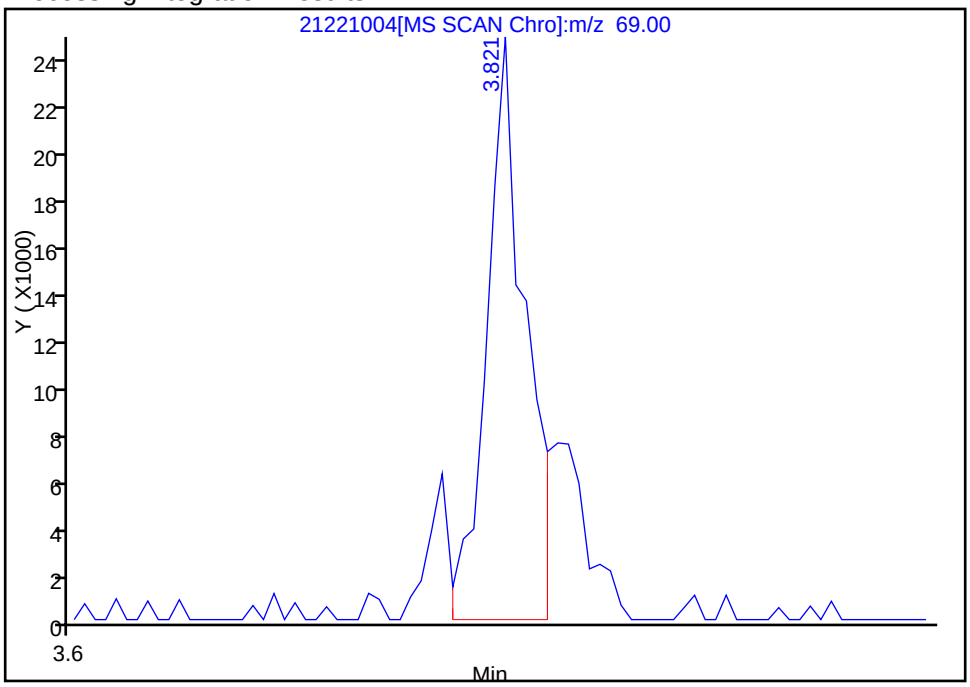
TestAmerica Canton

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Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

28 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.82

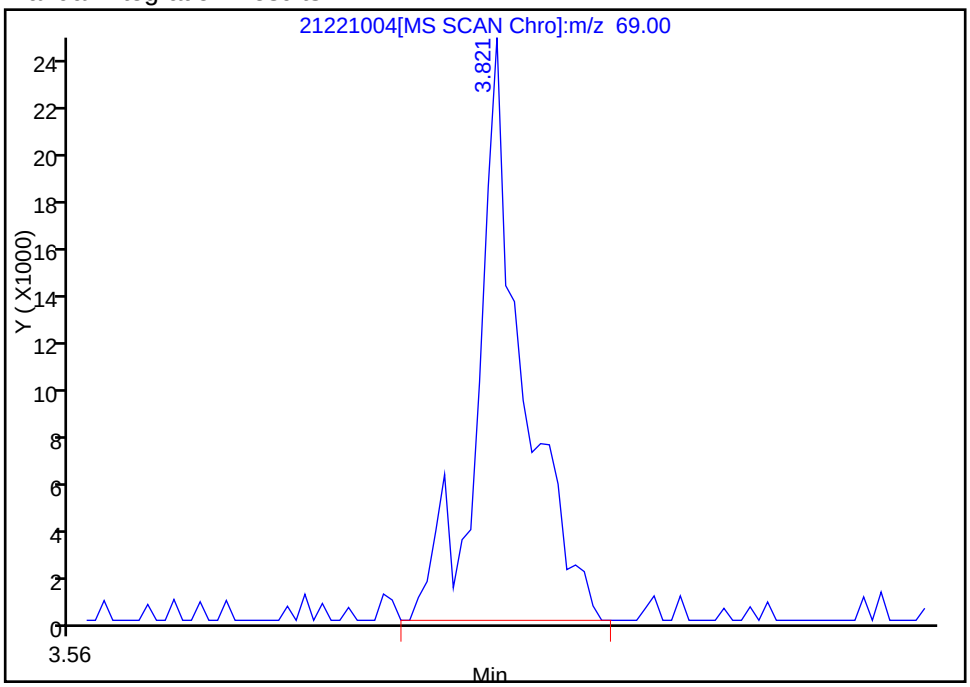
Processing Integration Results

RT: 3.82
Response: 34289
Amount: 0.774011



Manual Integration Results

RT: 3.82
Response: 47383
Amount: 0.980660



Reviewer: ulmanm, 22-Dec-2012 10:13:04
Audit Action: Manually Integrated
Audit Reason: Wrong Isomer

Manual Integration/User Assign Peak Report

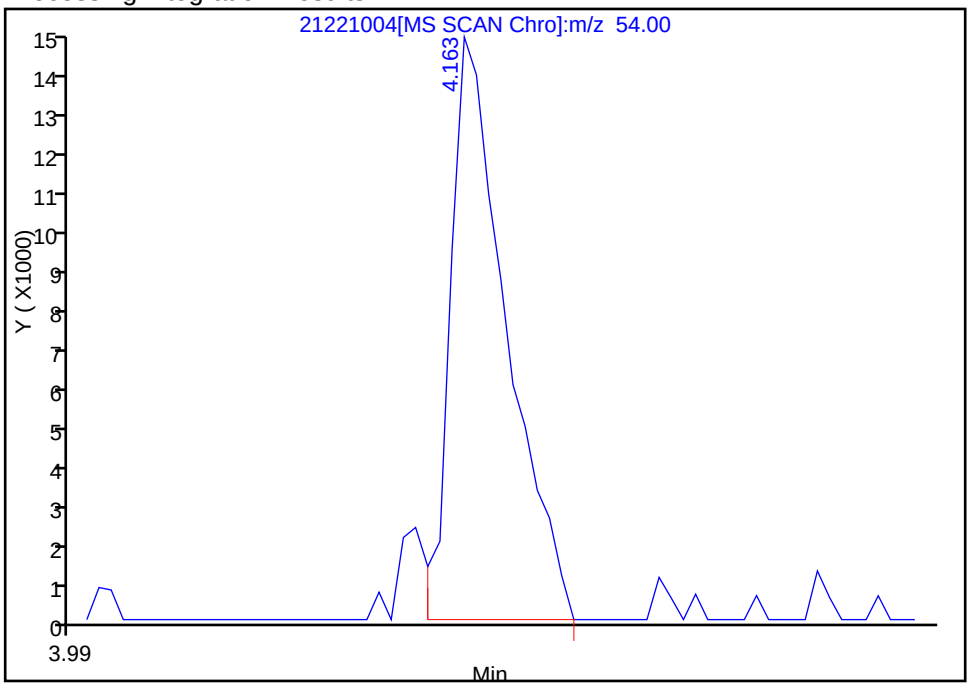
TestAmerica Canton

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Lims Batch ID:	69820	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.17

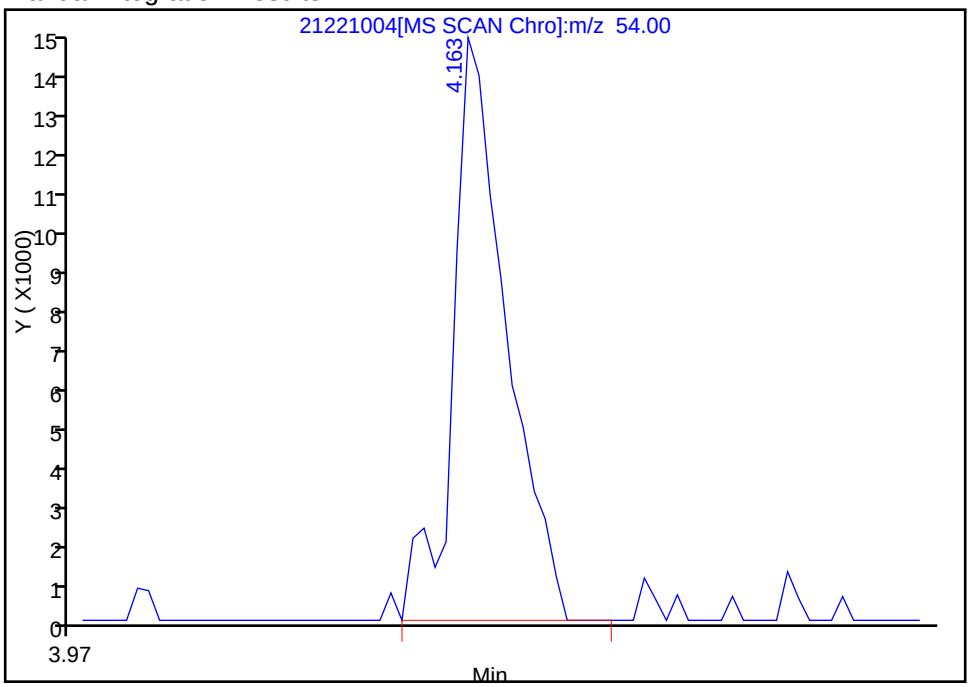
Processing Integration Results

RT: 4.16
Response: 24644
Amount: 0.939887



Manual Integration Results

RT: 4.16
Response: 26033
Amount: 0.955873



Reviewer: ulmanm, 22-Dec-2012 10:13:04
Audit Action: Manually Integrated
Audit Reason: Wrong Isomer

Manual Integration/User Assign Peak Report

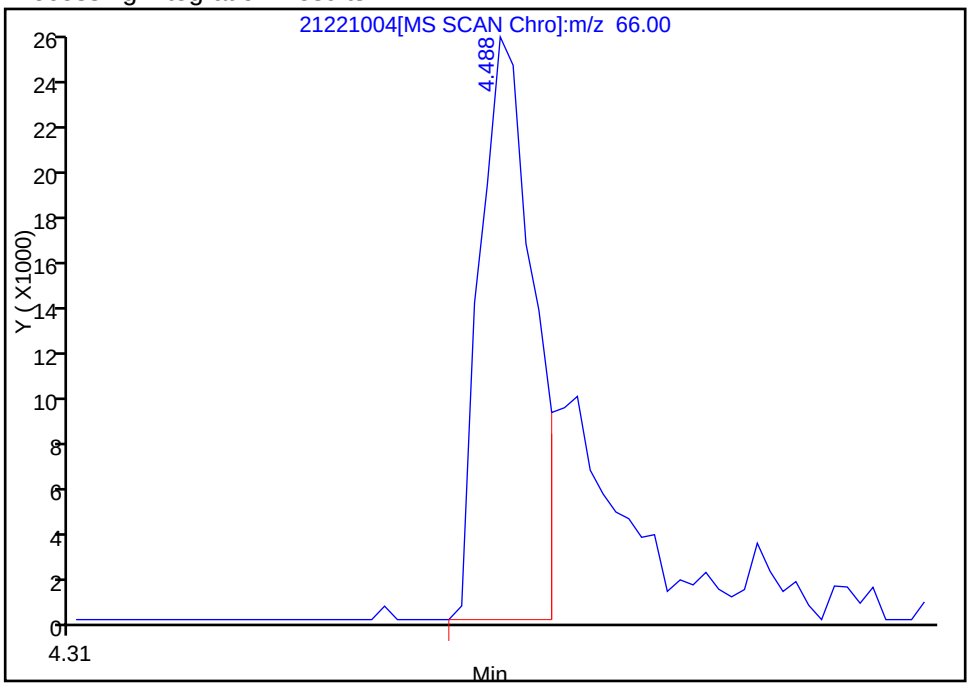
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221004.D		
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Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

33 Malononitrile, Signal: 1, m/z: 66.0 Type: quant, RT: 4.48

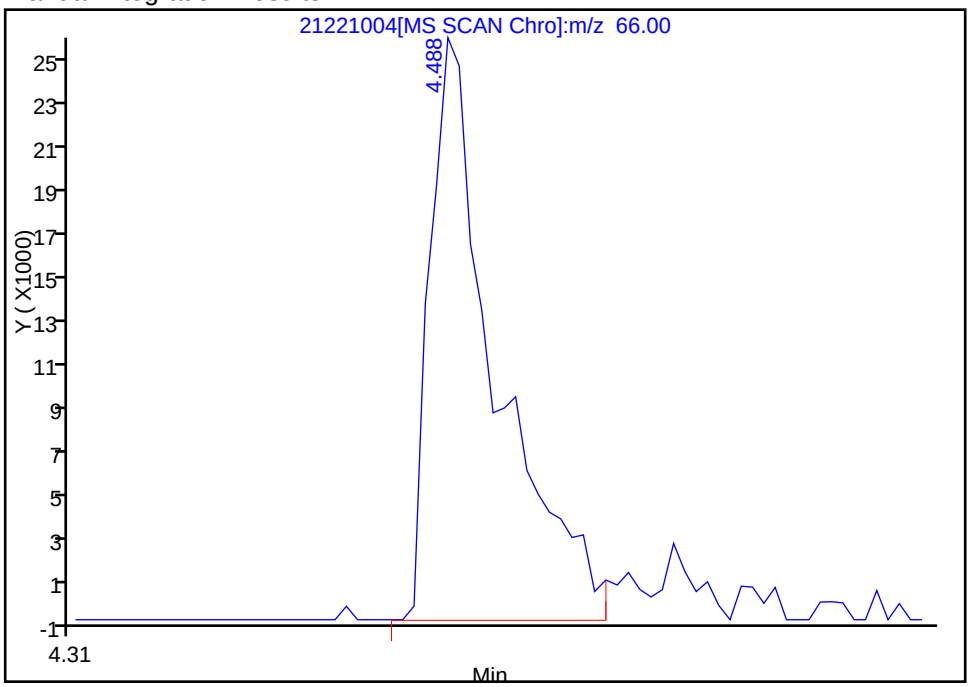
Processing Integration Results

RT: 4.49
Response: 38525
Amount: 0.959598



Manual Integration Results

RT: 4.49
Response: 54576
Amount: 0.878847



Reviewer: ulmanm, 22-Dec-2012 10:13:04
Audit Action: Manually Integrated
Audit Reason: Wrong Isomer

Manual Integration/User Assign Peak Report

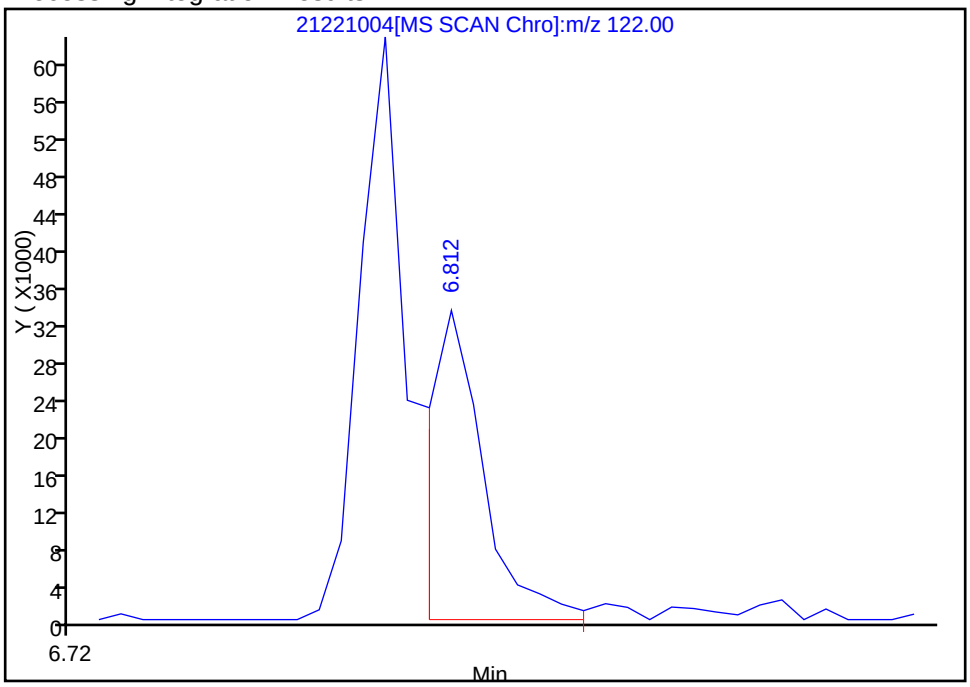
TestAmerica Canton

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Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.83

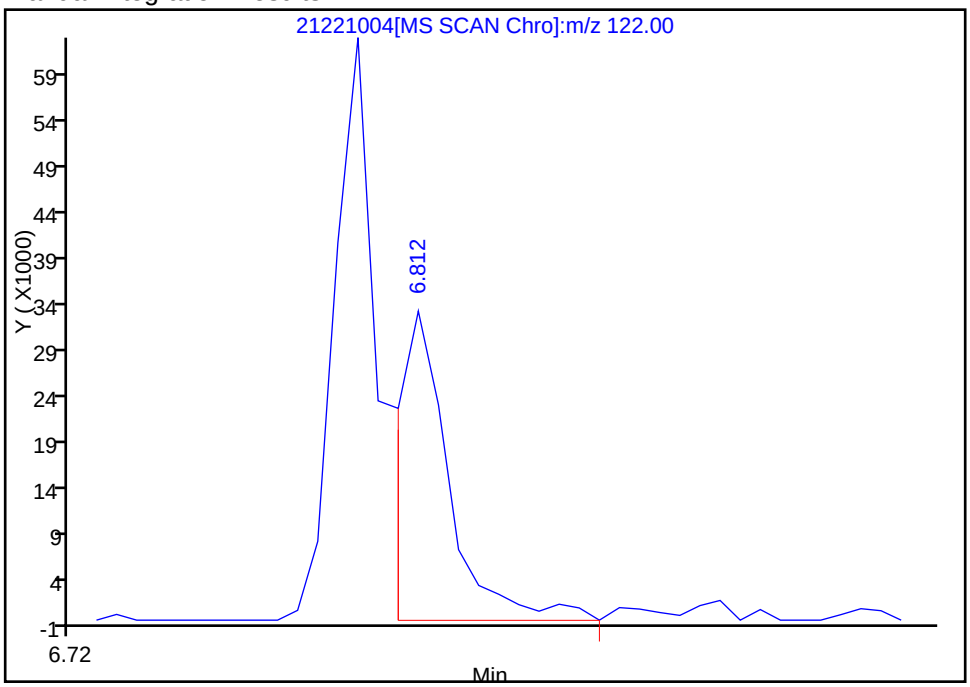
Processing Integration Results

RT: 6.81
Response: 30793
Amount: 1.458983



Manual Integration Results

RT: 6.81
Response: 31836
Amount: 2.064315



Reviewer: ulmanm, 22-Dec-2012 10:13:04
Audit Action: Manually Integrated
Audit Reason: Wrong Isomer

Manual Integration/User Assign Peak Report

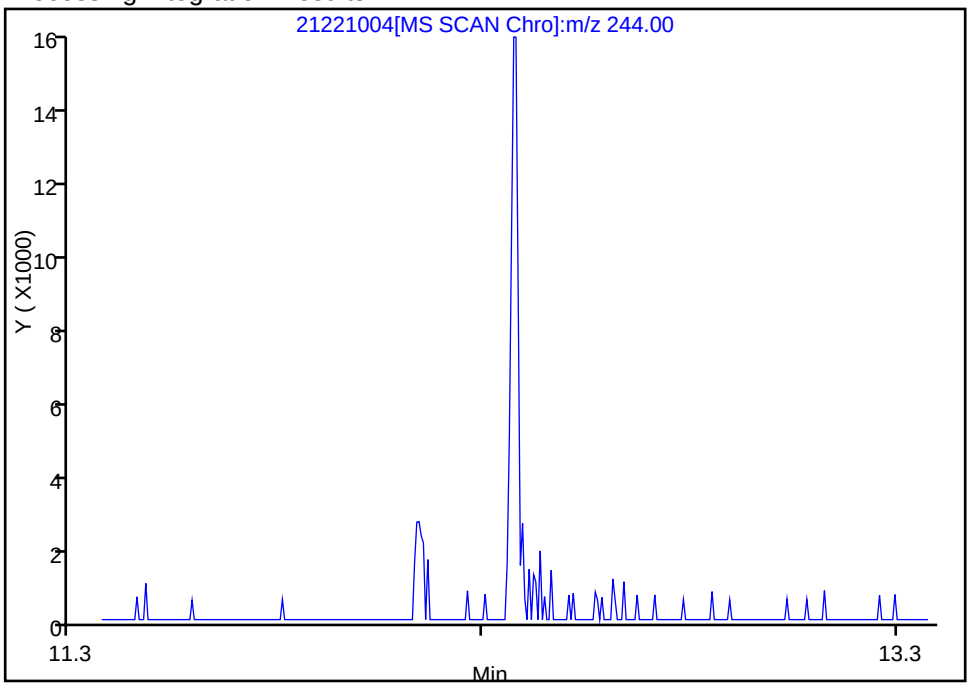
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221004.D		
Injection Date:	21-Dec-2012 14:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

172 3,3'-Dimethoxybenzidine, Signal: 1, m/z: 244.0 Type: quant, RT: 12.38

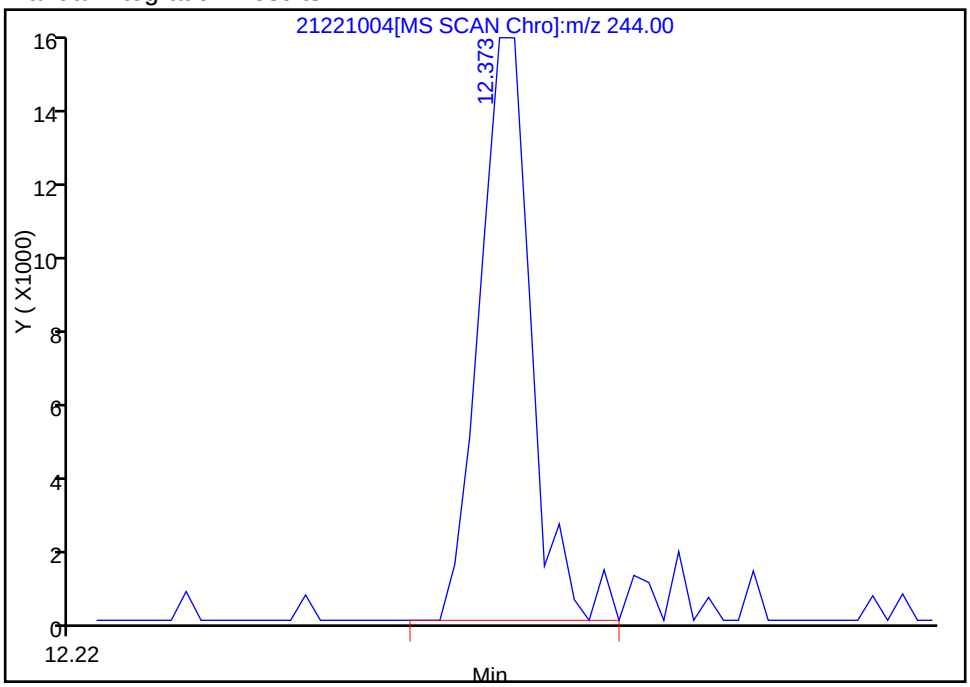
Processing Integration Results

Not Detected
Expected RT: 12.38



Manual Integration Results

RT: 12.37
Response: 19632
Amount: 1.135881



Reviewer: ulmanm, 22-Dec-2012 10:13:04
Audit Action: Manually Integrated
Audit Reason: Wrong Isomer

Manual Integration/User Assign Peak Report

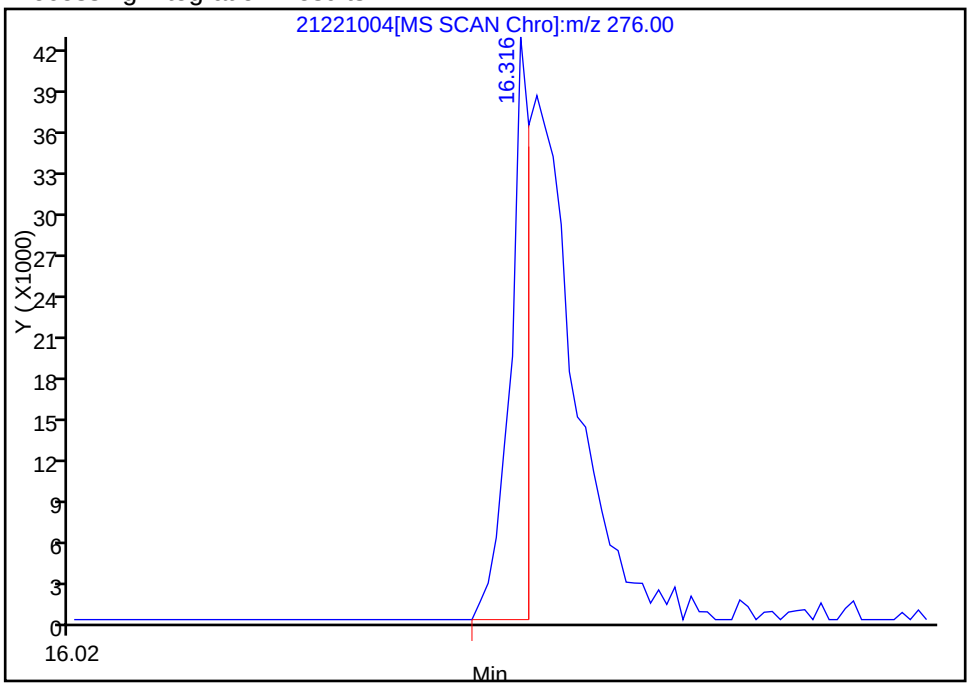
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221004.D		
Injection Date:	21-Dec-2012 14:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.33

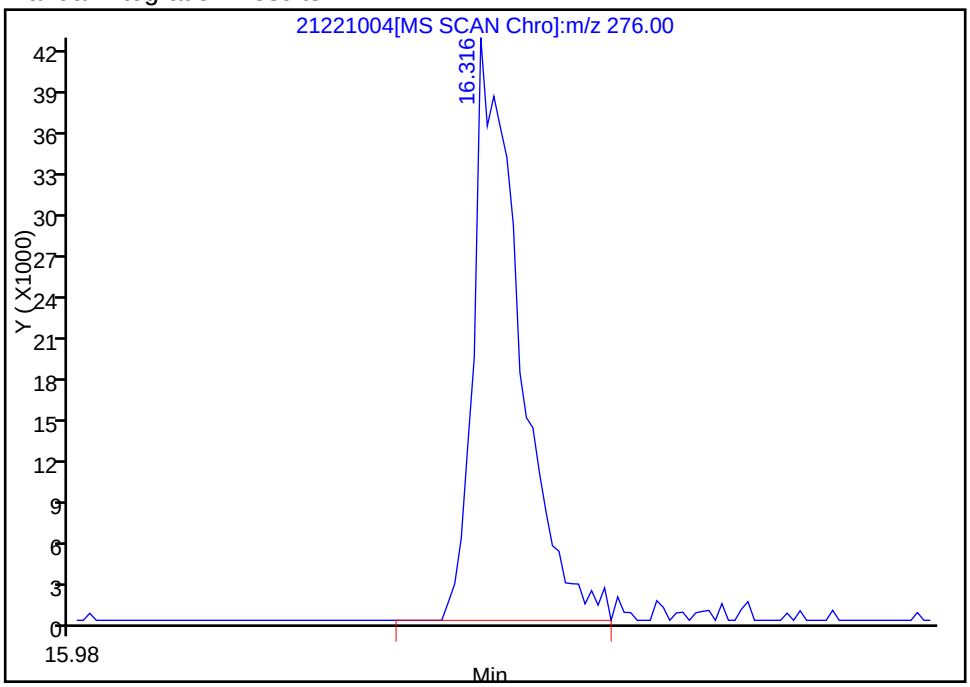
Processing Integration Results

RT: 16.32
Response: 38686
Amount: 0.740595



Manual Integration Results

RT: 16.32
Response: 111872
Amount: 0.841714



Reviewer: ulmanm, 22-Dec-2012 10:13:04
Audit Action: Manually Integrated
Audit Reason: Wrong Isomer

Manual Integration/User Assign Peak Report

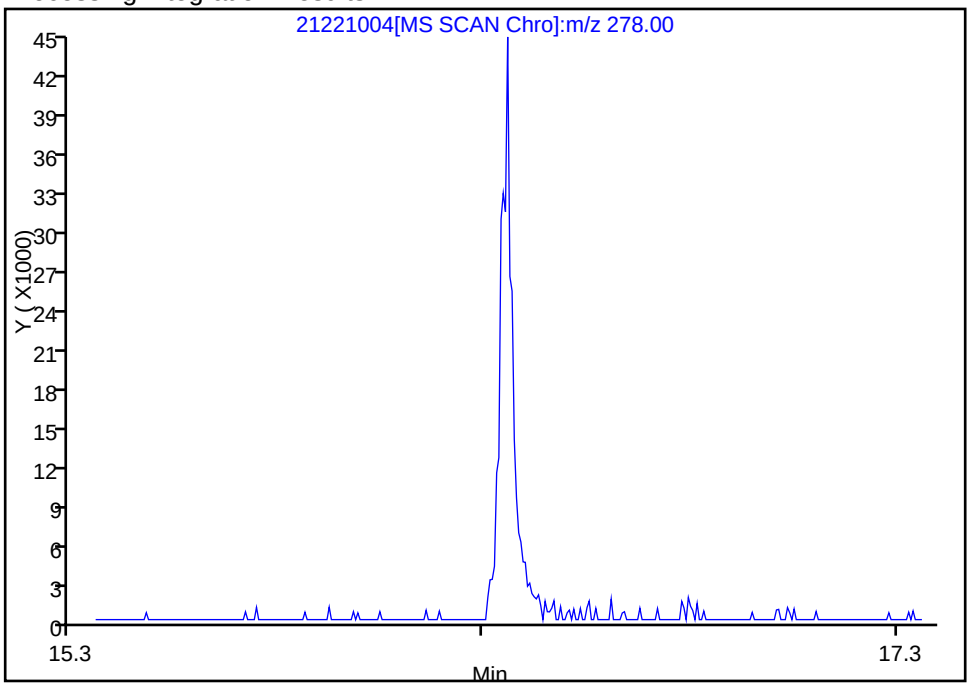
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221004.D		
Injection Date:	21-Dec-2012 14:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.36

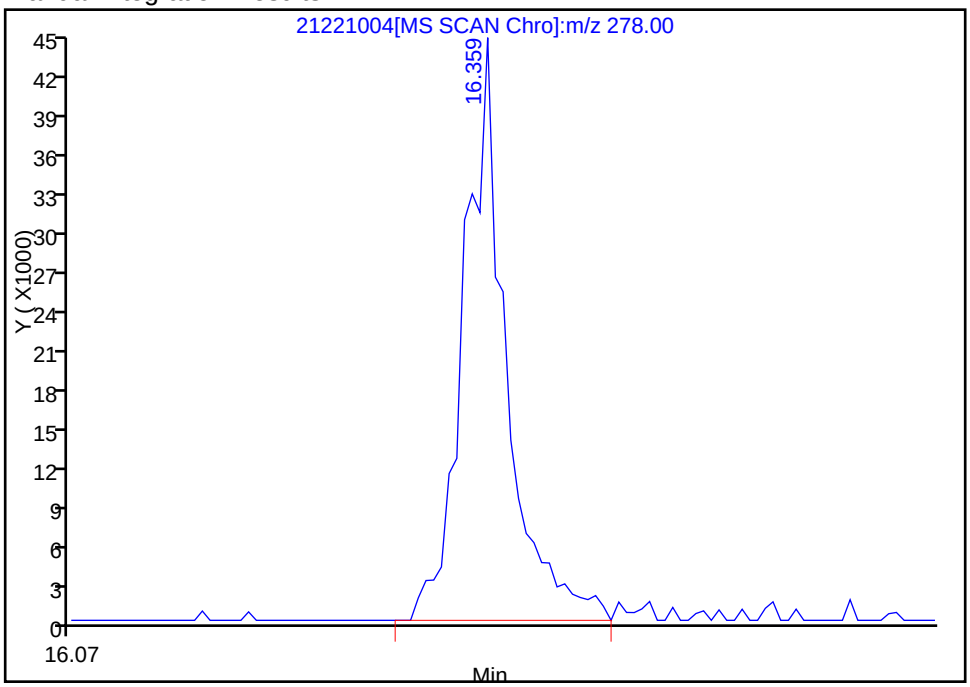
Processing Integration Results

Not Detected
Expected RT: 16.36



Manual Integration Results

RT: 16.36
Response: 90460
Amount: 0.879678



Reviewer: ulmanm, 22-Dec-2012 10:13:04
Audit Action: Manually Integrated
Audit Reason: Wrong Isomer

Manual Integration/User Assign Peak Report

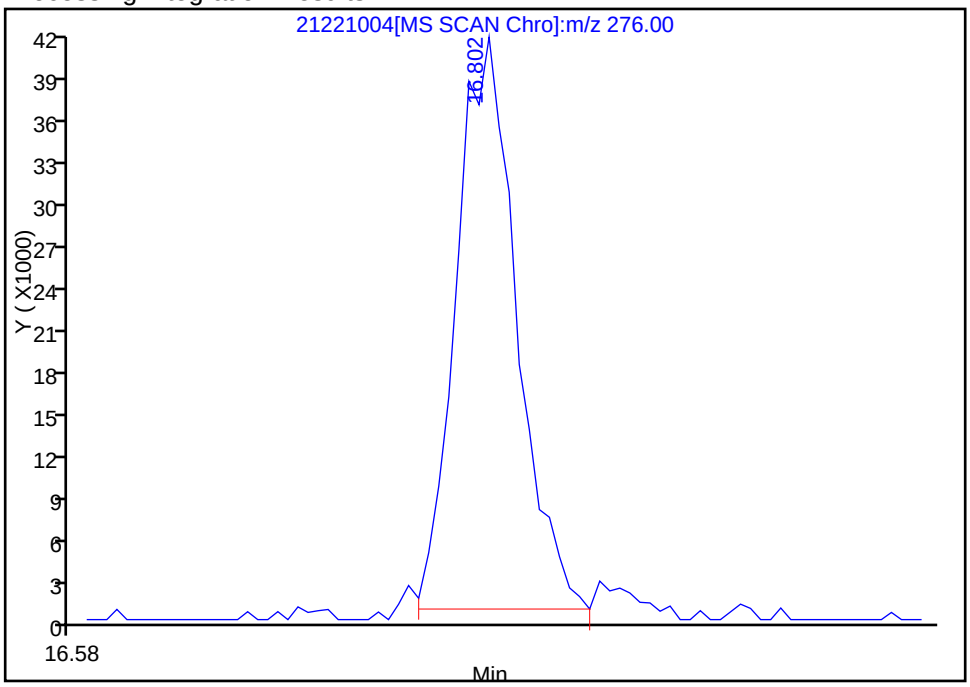
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221004.D		
Injection Date:	21-Dec-2012 14:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.80

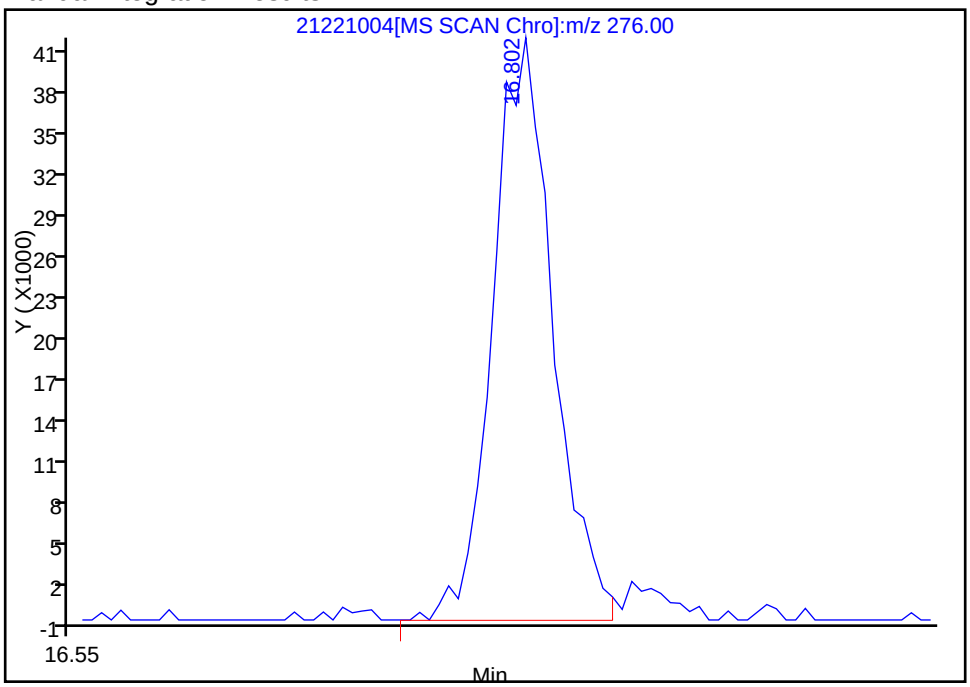
Processing Integration Results

RT: 16.80
Response: 91423
Amount: 1.074838



Manual Integration Results

RT: 16.80
Response: 97068
Amount: 0.995087



Reviewer: ulmanm, 22-Dec-2012 10:13:04
Audit Action: Manually Integrated
Audit Reason: Wrong Isomer

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221005.D
Lims ID: std2 tcl
Client ID:
Inject. Date: 21-Dec-2012 14:55:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 2
Sample ID: 240-0016106-005
Misc. Info.: STD2 TCL =STD2 TCL
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 5
Lims Batch ID: 69820
Lims Sample ID: 5
Sublist: chrom-8270 _9*sub13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\8270 _9.m
Last Update: 22-Dec-2012 11:07:37
Calib Date: 21-Dec-2012 20:45:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK002

First Level Reviewer: ulmanm
Date: 22-Dec-2012 10:17:08

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.013	6.014	-0.001	94	134676	4.00	
* 2 Naphthalene-d8	136	7.119	7.120	-0.001	98	503791	4.00	
* 3 Acenaphthene-d10	164	8.615	8.615	-0.001	76	303204	4.00	
* 4 Phenanthrene-d10	188	9.886	9.882	0.004	95	542065	4.00	
* 5 Chrysene-d12	240	12.493	12.494	-0.001	77	519195	4.00	
* 6 Perylene-d12	264	14.619	14.625	-0.006	80	422388	4.00	
$ 7 2-Fluorophenol	112	4.784	4.785	-0.001	63	20274	0.4488	
$ 8 Phenol-d5	99	5.650	5.651	-0.001	0	31149	0.4673	
$ 9 Nitrobenzene-d5	82	6.494	6.495	-0.001	69	31249	0.4059	
$ 10 2-Fluorobiphenyl (Surr)	172	8.027	8.028	-0.001	94	55023	0.4527	
$ 11 2,4,6-Tribromophenol	330	9.282	9.283	-0.001	15	4467	0.6532	
$ 12 Terphenyl-d14	244	11.254	11.260	-0.006	88	57111	0.4858	
25 1,4-Dioxane	88	2.722	2.728	-0.006	0	10428	0.4442	M
26 N-Nitrosodimethylamine	74	3.203	3.193	0.010	0	15740	0.4422	M
27 Pyridine	79	3.315	3.252	0.063	59	28625	0.4515	M
28 Ethyl methacrylate	69	3.817	3.818	-0.001	0	27000	0.4943	M
29 3-Chloropropionitrile	54	4.165	4.165	-0.001	76	13920	0.4521	
33 Malononitrile	66	4.485	4.481	0.004	86	28368	0.4041	M
41 Benzaldehyde	77	5.623	5.624	-0.001	84	29259	0.4991	
43 Phenol	94	5.660	5.661	-0.001	84	35372	0.4717	
44 Aniline	93	5.714	5.715	-0.001	90	41935	0.4497	
69 Bis(2-chloroethyl)ether	93	5.767	5.763	0.004	87	34725	0.4879	
46 2-Chlorophenol	128	5.815	5.821	-0.006	79	18583	0.4108	
47 1,3-Dichlorobenzene	146	5.965	5.966	-0.001	84	30648	0.5242	
48 1,4-Dichlorobenzene	146	6.029	6.030	-0.001	63	22558	0.4750	
49 Benzyl alcohol	108	6.114	6.115	-0.001	87	15239	0.4570	
50 1,2-Dichlorobenzene	146	6.162	6.163	-0.001	73	27417	0.4835	
51 2-Methylphenol	108	6.205	6.201	0.004	88	20382	0.4144	
53 2,2'-oxybis[1-chloropropane]	45	6.237	6.238	-0.001	89	36294	0.5072	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.328	6.329	-0.001	68	20307	0.3938	
57 N-Nitrosodi-n-propylamine	70	6.344	6.350	-0.006	71	17937	0.3861	
58 Acetophenone	105	6.355	6.356	-0.001	86	31630	0.4200	
61 Hexachloroethane	117	6.467	6.463	0.004	77	11667	0.4675	
62 Nitrobenzene	77	6.510	6.511	-0.001	74	36988	0.4575	
64 Isophorone	82	6.707	6.708	-0.001	87	56026	0.4534	
66 2-Nitrophenol	139	6.787	6.783	0.004	71	7604	0.5255	
65 2,4-Dimethylphenol	107	6.793	6.794	-0.001	83	22722	0.4237	
67 1,3,5-Trichlorobenzene	180	6.793	6.794	-0.001	79	26913	0.5474	
71 Benzoic acid	122		6.831					9
70 Bis(2-chloroethoxy)methane	93	6.884	6.885	-0.001	92	42725	0.5098	
73 2,4-Dichlorophenol	162	6.985	6.981	0.004	80	14221	0.4345	
74 1,2,4-Trichlorobenzene	180	7.065	7.066	-0.001	73	24989	0.5202	
75 Naphthalene	128	7.140	7.141	-0.001	88	62769	0.4731	
76 4-Chloroaniline	127	7.167	7.168	-0.001	72	21935	0.4143	
79 Hexachlorobutadiene	225	7.236	7.237	-0.001	76	14617	0.5479	
80 1,2,3-Trichlorobenzene	180	7.258	7.259	-0.001	75	24603	0	
84 Caprolactam	113	7.445	7.445	0.0	62	4967	0.6148	
86 4-Chloro-3-methylphenol	107	7.557	7.558	-0.001	76	18217	0.4123	
87 2-Methylnaphthalene	142	7.728	7.729	-0.001	90	44423	0.5071	
88 1-Methylnaphthalene	142	7.813	7.814	-0.001	78	37150	0.4518	
89 Hexachlorocyclopentadiene	237	7.856	7.857	-0.001	57	14231	0.4825	
90 1,2,3,5-Tetrachlorobenzene	216	7.856	7.857	-0.001	81	26534	0.5279	
92 2,4,6-Trichlorophenol	196	7.952	7.953	-0.001	66	11132	0.4379	
93 2,4,5-Trichlorophenol	196	7.984	7.985	-0.001	77	11810	0.4334	
97 2,4-Toluene diamine	121	8.096	8.097	-0.001	68	13570	0.5509	
99 1,2,3,4 -Tetrachlorobenzene	216	8.112	8.113	-0.001	75	22414	0	
98 1,1'-Biphenyl	154	8.118	8.119	-0.001	91	52366	0.4615	
100 2-Chloronaphthalene	162	8.144	8.145	-0.001	93	46975	0.4712	
102 2-Nitroaniline	65	8.214	8.215	-0.001	55	11643	0.5533	
105 Dimethyl phthalate	163	8.353	8.354	-0.001	88	39759	0.4434	
107 2,6-Dinitrotoluene	165	8.412	8.412	0.0	54	6903	0.6115	
108 1,2-Dinitrobenzene	168		8.461					
109 Acenaphthylene	152	8.502	8.498	0.004	81	61736	0.4297	
110 3-Nitroaniline	138	8.561	8.562	-0.001	73	7492	0.3489	
112 Acenaphthene	153	8.647	8.647	0.0	84	42288	0.4619	
111 2,4-Dinitrophenol	184		8.647					
113 4-Nitrophenol	109	8.668	8.669	-0.001	68	5684	0.6274	
114 2,4-Dinitrotoluene	165	8.753	8.754	-0.001	52	10710	0.5568	
116 Dibenzofuran	168	8.791	8.792	-0.001	85	60226	0.4719	
118 2,3,5,6-Tetrachlorophenol	232		8.845					
121 Diethyl phthalate	149	8.946	8.947	-0.001	88	43963	0.4582	
123 4-Chlorophenyl phenyl ether	204	9.069	9.070	-0.001	81	30821	0.5116	
125 4-Nitroaniline	138	9.074	9.075	-0.001	65	7395	0.6542	
126 Fluorene	166	9.079	9.080	-0.001	65	45860	0.4716	
128 4,6-Dinitro-2-methylphenol	198		9.102					
131 N-Nitrosodiphenylamine	169	9.159	9.160	-0.001	93	34977	0.4684	
132 1,2-Diphenylhydrazine	77	9.202	9.203	-0.001	99	62210	0.4089	
133 Azobenzene	77	9.202	9.203	-0.001	92	62210	0.4089	
139 4-Bromophenyl phenyl ether	248	9.485	9.486	-0.001	67	15157	0.4672	
141 Hexachlorobenzene	284	9.549	9.550	-0.001	69	15979	0.5119	
142 Atrazine	200	9.592	9.593	-0.001	52	8802	0.4295	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.710	9.705	0.005	60	11654	1.24	
148 Phenanthrene	178	9.902	9.903	-0.001	76	68540	0.4550	
149 Anthracene	178	9.945	9.951	-0.006	88	66962	0.4501	
151 Carbazole	167	10.068	10.068	0.0	62	54990	0.4026	
154 Di-n-butyl phthalate	149	10.324	10.325	-0.001	90	67035	0.3980	
159 Fluoranthene	202	10.922	10.923	-0.001	88	74733	0.4498	
160 Benzidine	184	11.018	11.019	-0.001	70	18006	0.8142	
161 Pyrene	202	11.141	11.142	-0.001	89	73001	0.4322	
168 Butyl benzyl phthalate	149	11.745	11.751	-0.006	70	24449	0.3731	
172 3,3'-Dimethoxybenzidine	244		12.376					9
175 3,3'-Dichlorobenzidine	252	12.418	12.424	-0.006	43	18902	0.3575	
174 4,4'-Methylene bis(2-chloroanili	231	12.418	12.424	-0.006	56	9078	0.6365	
173 Bis(2-ethylhexyl) phthalate	149	12.439	12.446	-0.007	89	38379	0.4019	
177 Benzo[a]anthracene	228	12.477	12.478	-0.001	75	67724	0.5357	
178 Chrysene	228	12.530	12.531	-0.001	81	67668	0.4654	
180 Di-n-octyl phthalate	149	13.374	13.375	-0.001	76	47259	0.5639	
182 Benzo[b]fluoranthene	252	14.021	14.027	-0.006	73	57747	0.4100	
183 Benzo[k]fluoranthene	252	14.063	14.070	-0.007	81	59056	0.4127	
184 Benzo[a]pyrene	252	14.539	14.535	0.005	61	52362	0.4087	
188 Indeno[1,2,3-cd]pyrene	276	16.318	16.335	-0.017	83	60047	0.4231	M
189 Dibenz(a,h)anthracene	278	16.355	16.362	-0.007	0	43461	0.3958	M
190 Benzo[g,h,i]perylene	276	16.799	16.805	-0.006	65	51966	0.5509	M
S 191 Methyl Phenols,Total	100				0		0.8082	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

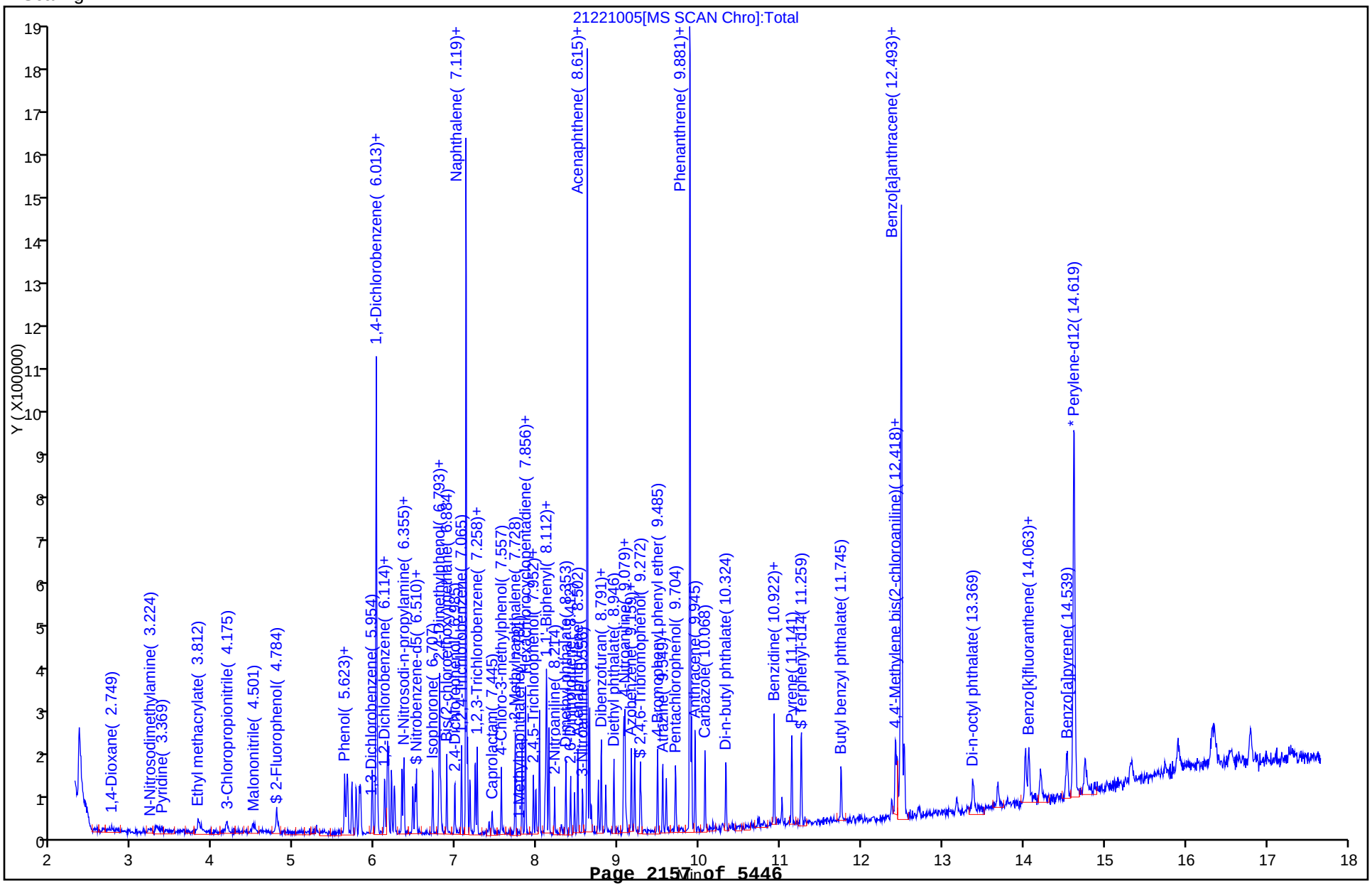
Report Date: 22-Dec-2012 11:07:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221005.D

Injection Date:	21-Dec-2012 14:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

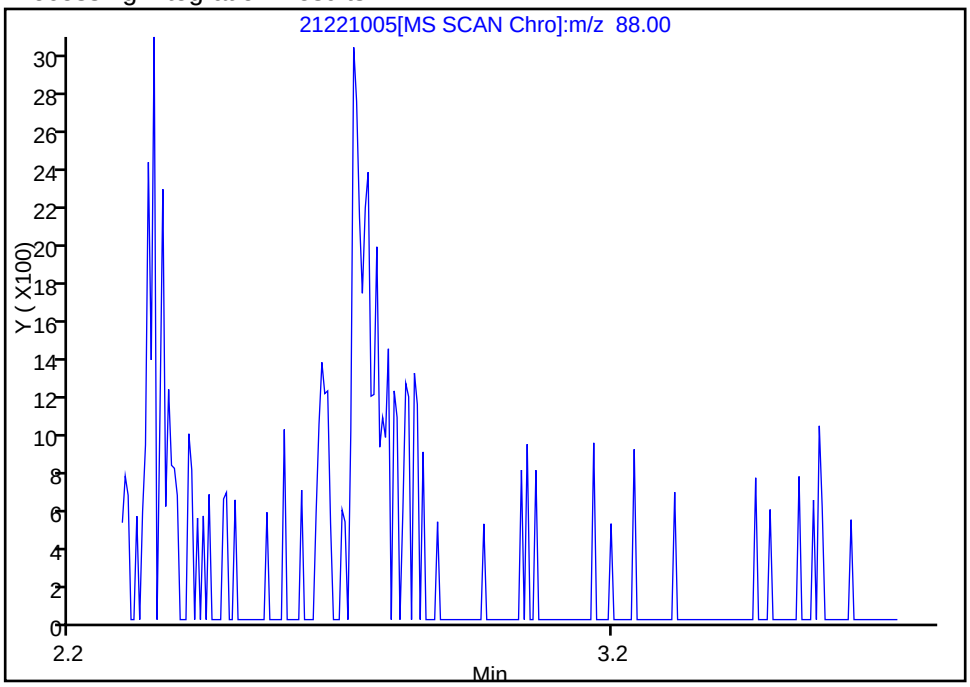
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221005.D		
Injection Date:	21-Dec-2012 14:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.73

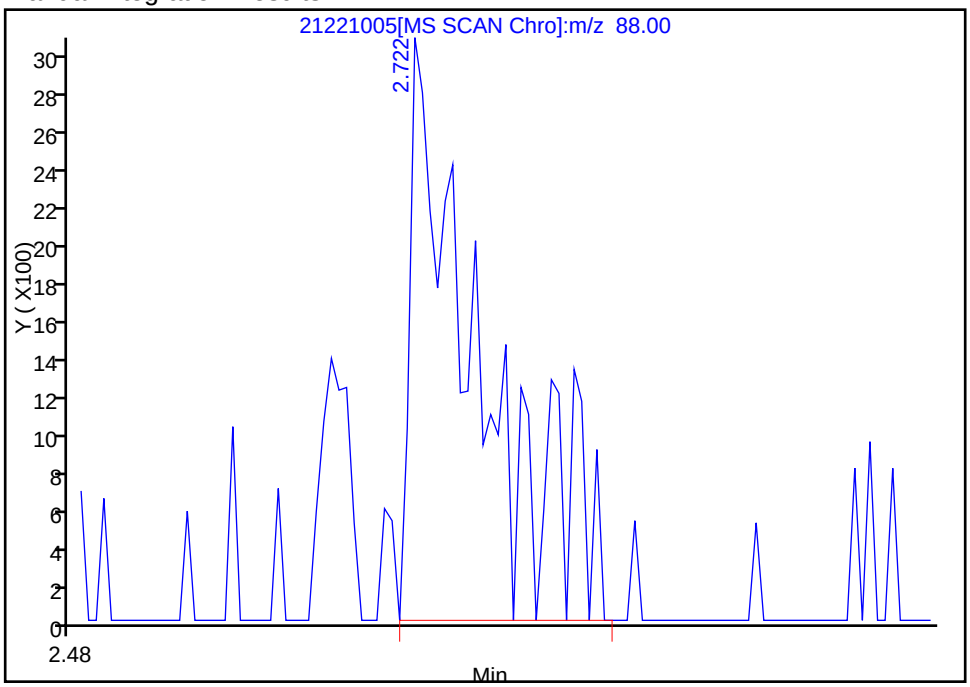
Processing Integration Results

Not Detected
Expected RT: 2.73



Manual Integration Results

RT: 2.72
Response: 10428
Amount: 0.444166



Reviewer: ulmanm, 22-Dec-2012 10:17:08
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

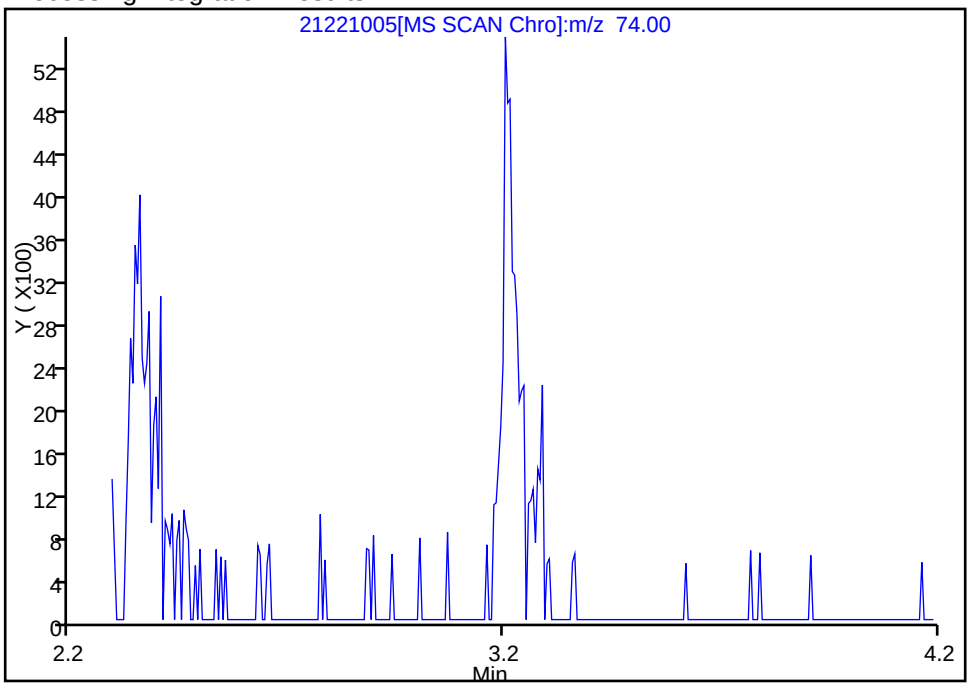
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221005.D		
Injection Date:	21-Dec-2012 14:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.19

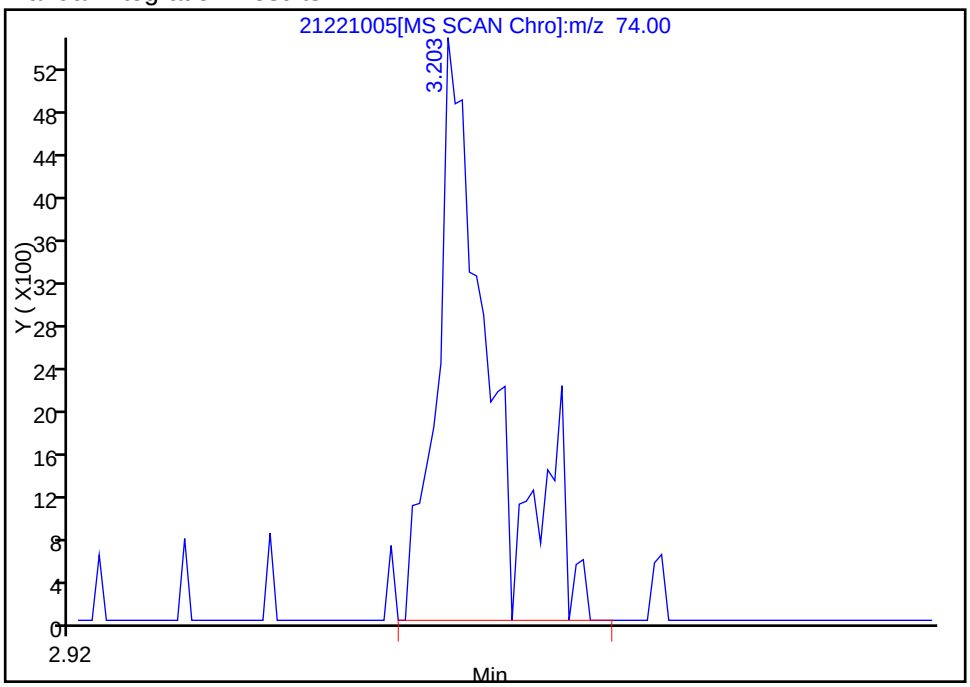
Processing Integration Results

Not Detected
Expected RT: 3.19



Manual Integration Results

RT: 3.20
Response: 15740
Amount: 0.442236



Reviewer: ulmanm, 22-Dec-2012 10:17:08
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

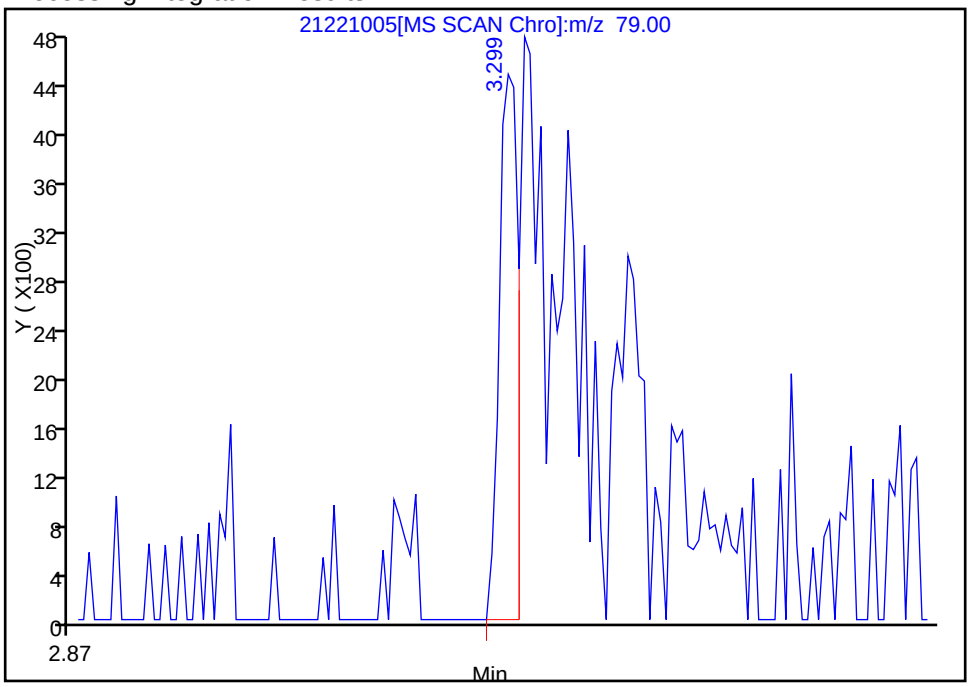
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221005.D		
Injection Date:	21-Dec-2012 14:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.25

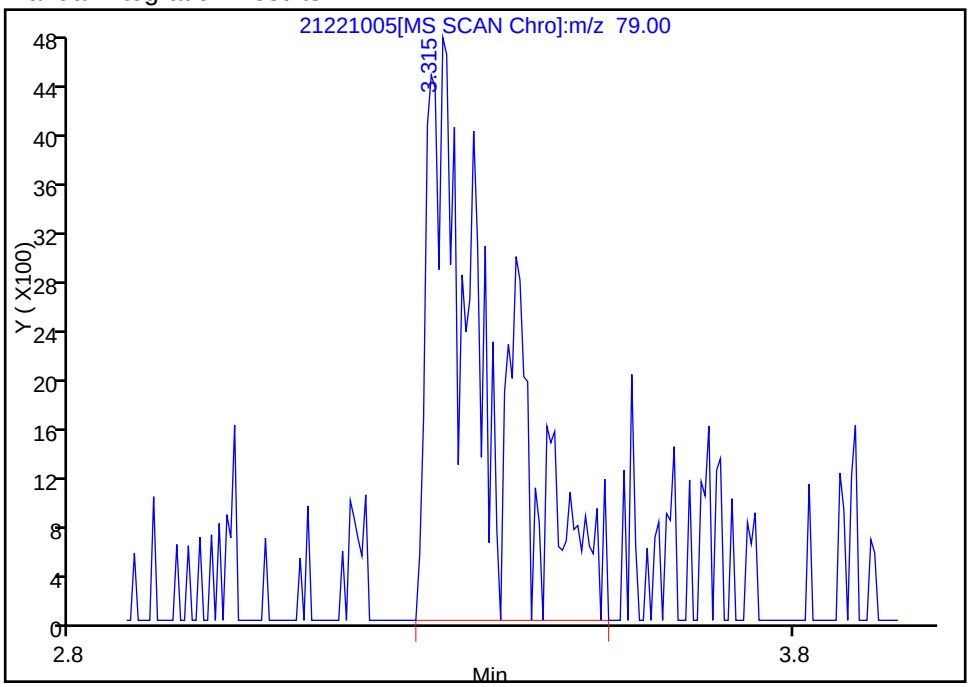
Processing Integration Results

RT: 3.30
Response: 5712
Amount: 0.184580



Manual Integration Results

RT: 3.32
Response: 28625
Amount: 0.451524



Reviewer: ulmanm, 22-Dec-2012 10:17:08
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

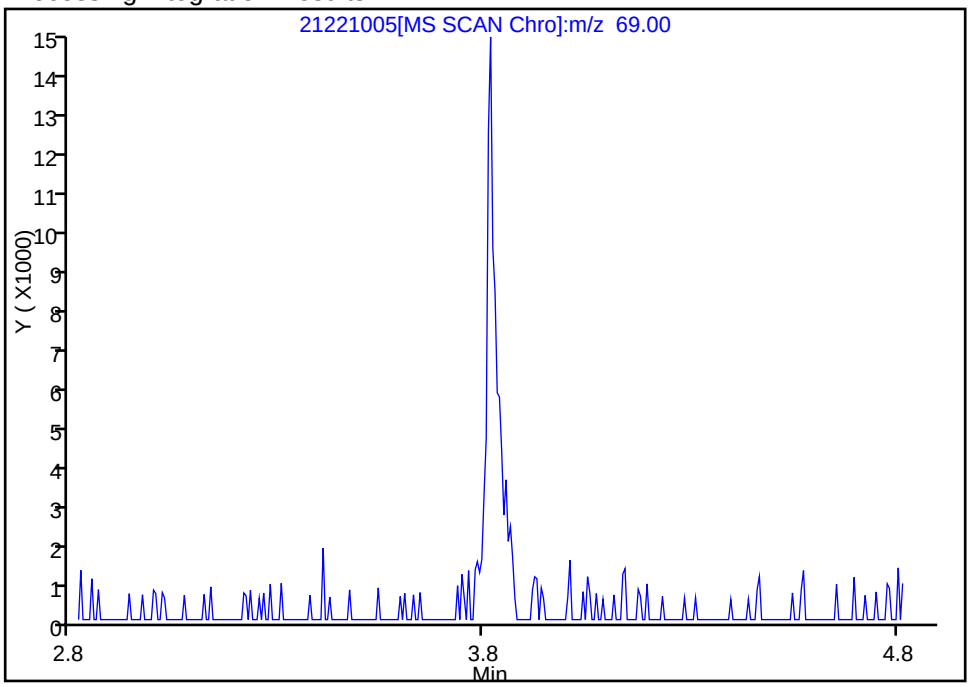
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221005.D		
Injection Date:	21-Dec-2012 14:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

28 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.82

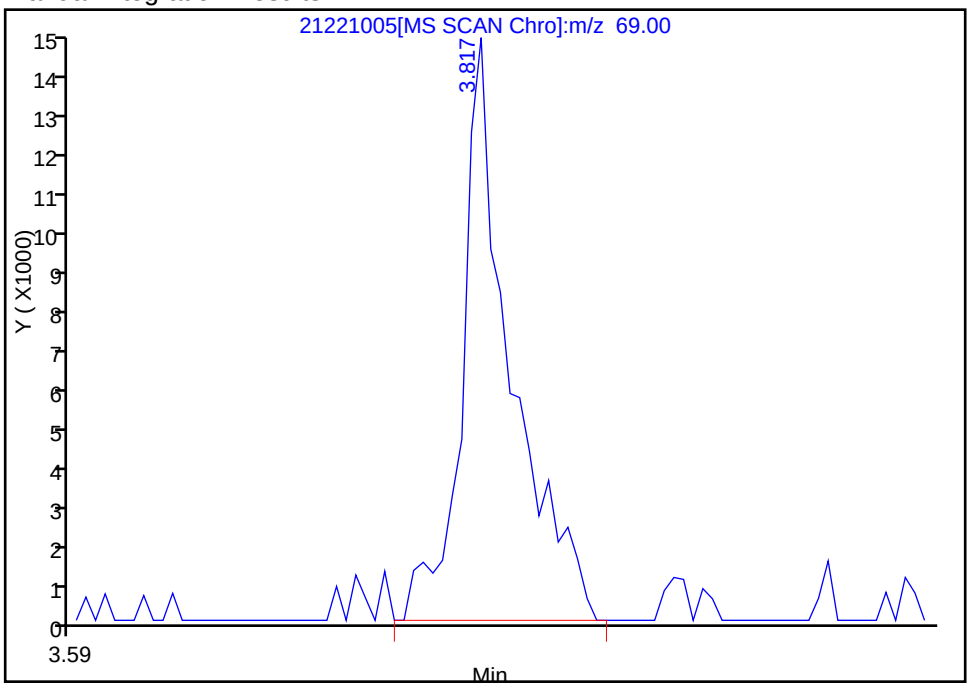
Not Detected
Expected RT: 3.82

Processing Integration Results



Manual Integration Results

RT: 3.82
Response: 27000
Amount: 0.494308



Reviewer: ulmanm, 22-Dec-2012 10:17:08
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

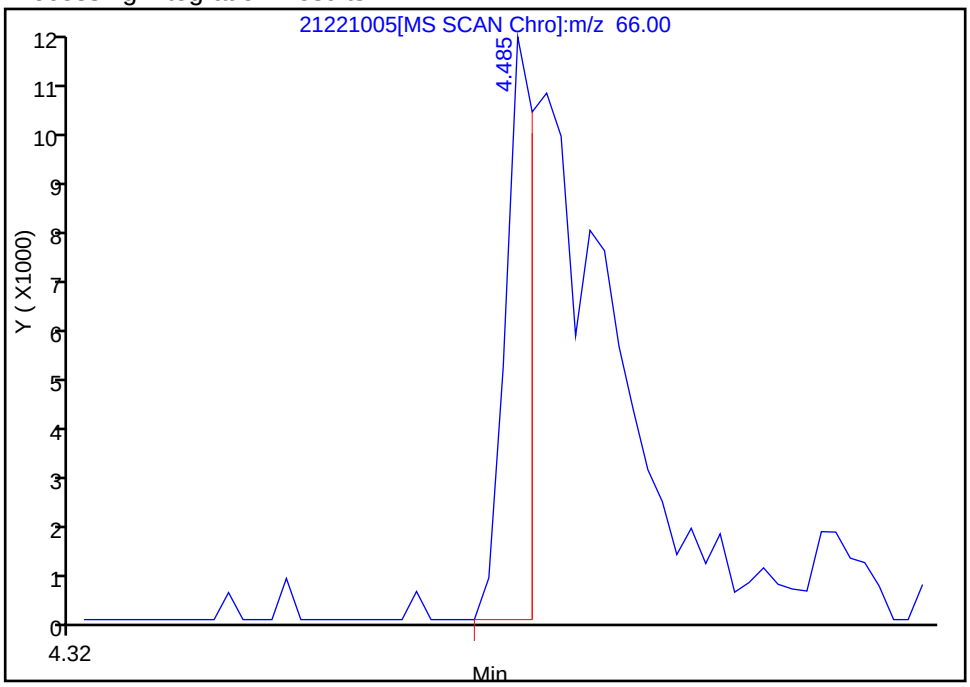
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221005.D		
Injection Date:	21-Dec-2012 14:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

33 Malononitrile, Signal: 1, m/z: 66.0 Type: quant, RT: 4.48

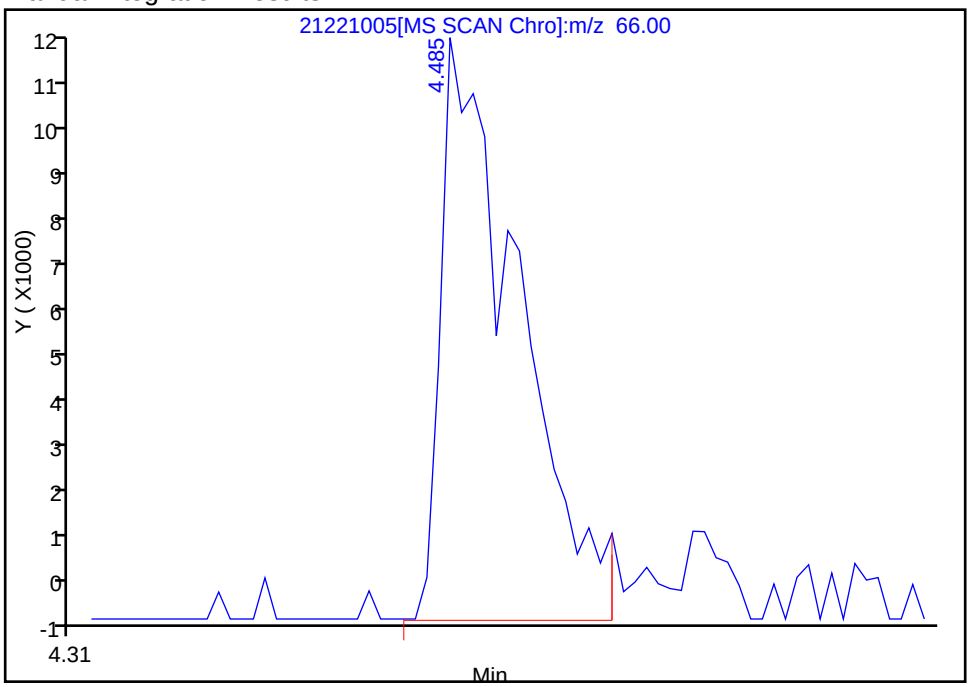
Processing Integration Results

RT: 4.49
Response: 8711
Amount: 0.412154



Manual Integration Results

RT: 4.49
Response: 28368
Amount: 0.404090



Reviewer: ulmanm, 22-Dec-2012 10:17:08
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

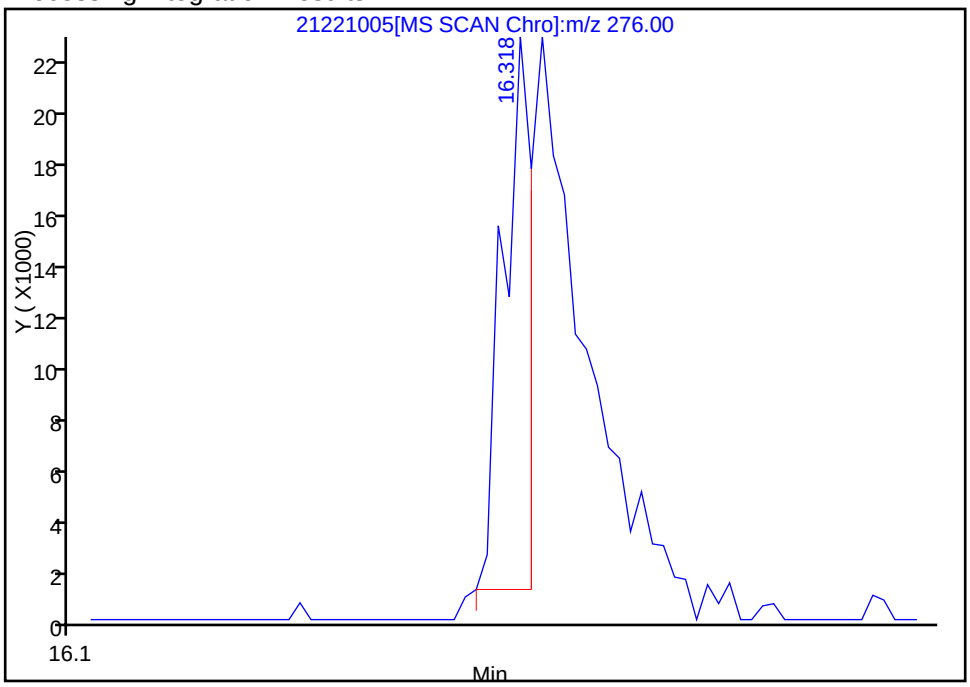
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221005.D		
Injection Date:	21-Dec-2012 14:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.33

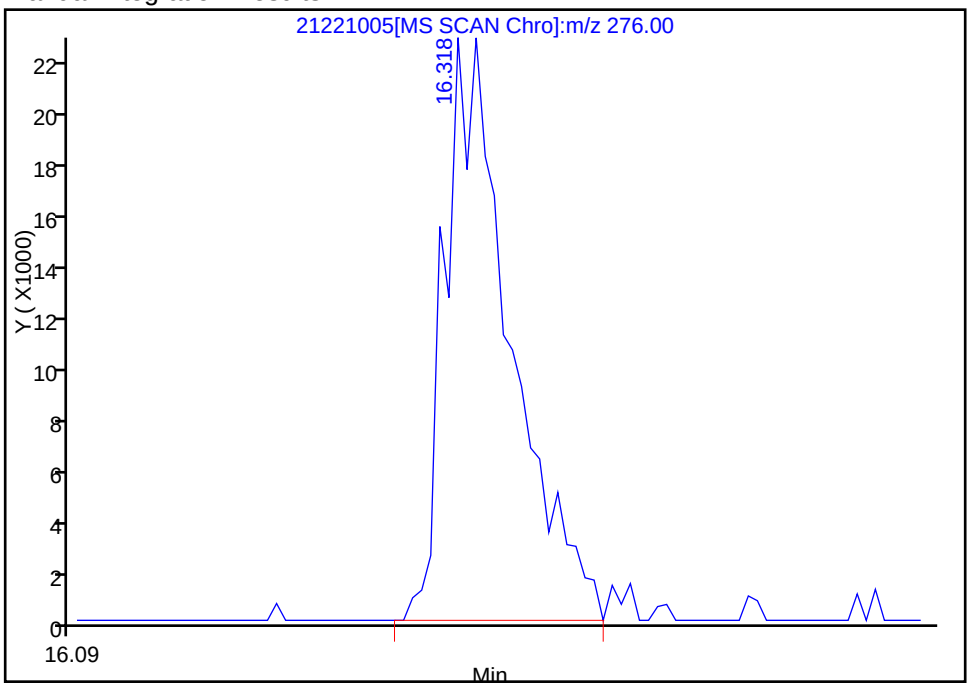
Processing Integration Results

RT: 16.32
Response: 20348
Amount: 0.418671



Manual Integration Results

RT: 16.32
Response: 60047
Amount: 0.423081



Reviewer: ulmanm, 22-Dec-2012 10:17:08
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

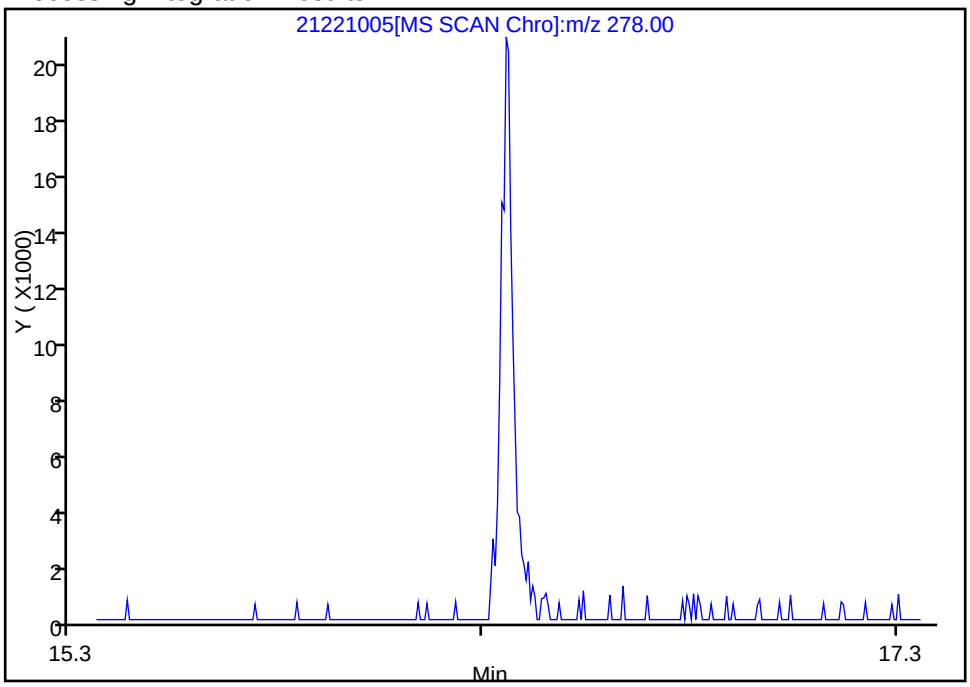
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221005.D		
Injection Date:	21-Dec-2012 14:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.36

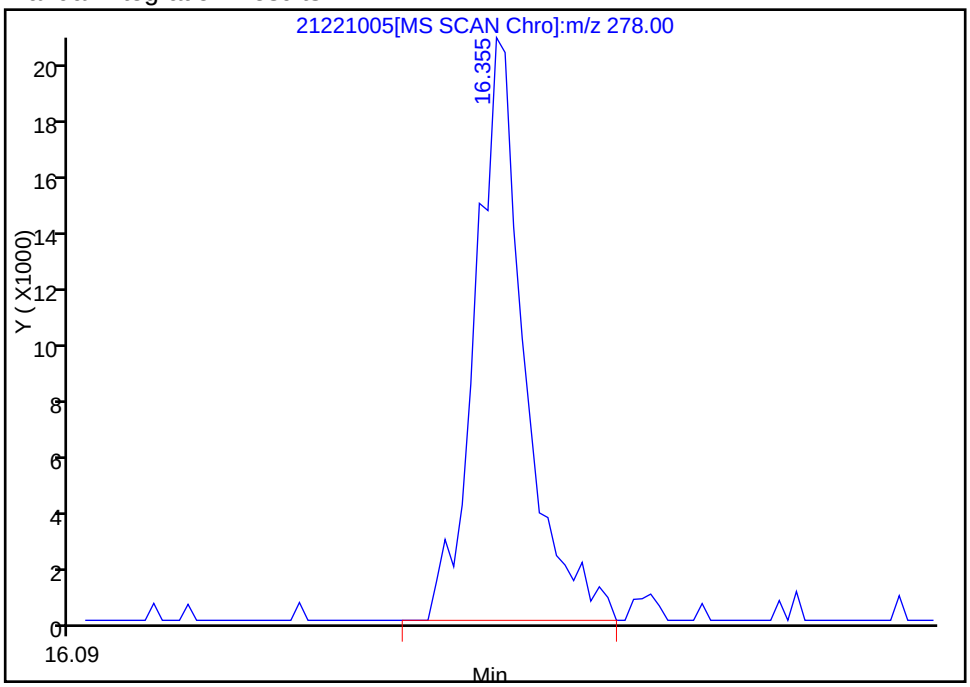
Processing Integration Results

Not Detected
Expected RT: 16.36



Manual Integration Results

RT: 16.36
Response: 43461
Amount: 0.395782



Reviewer: ulmanm, 22-Dec-2012 10:17:08
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

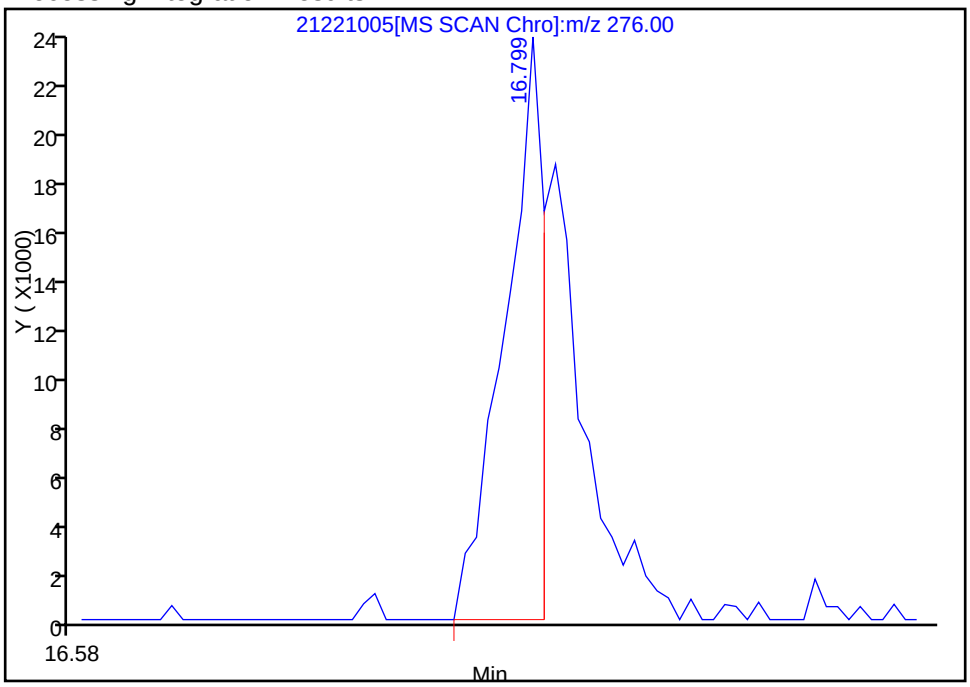
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221005.D		
Injection Date:	21-Dec-2012 14:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.80

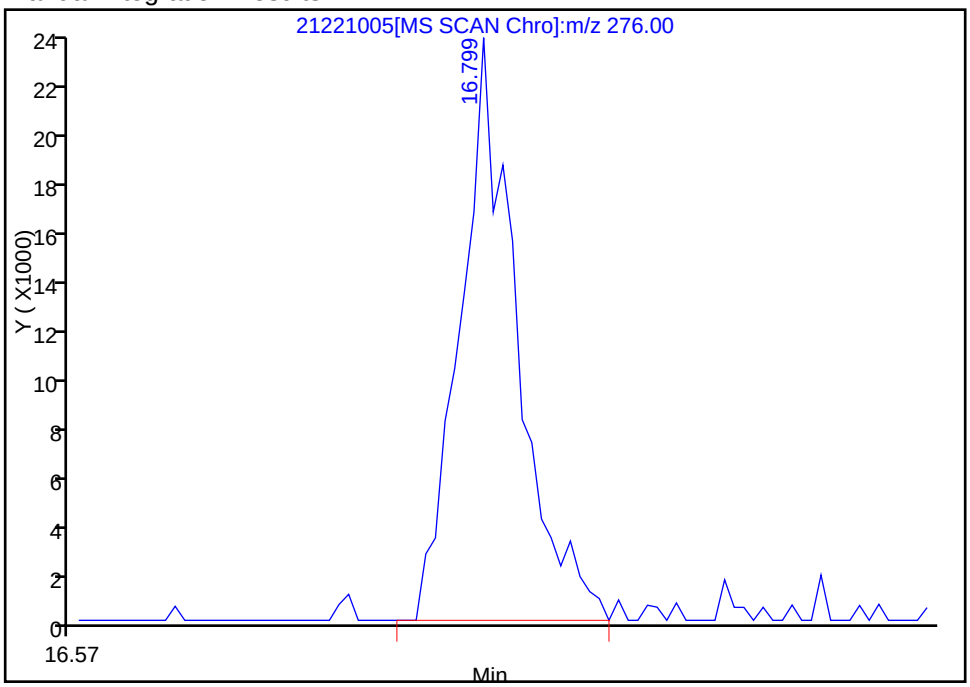
Processing Integration Results

RT: 16.80
Response: 30597
Amount: 0.495482



Manual Integration Results

RT: 16.80
Response: 51966
Amount: 0.550929



Reviewer: ulmanm, 22-Dec-2012 10:17:08
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221006.D		
Lims ID:	std1 tcl	Client ID:	
Inject. Date:	21-Dec-2012 15:20:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0016106-006		
Misc. Info.:	STD1 TCL =STD1 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	69820	Lims Sample ID:	6
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\8270 _9.m		
Last Update:	22-Dec-2012 11:07:39	Calib Date:	21-Dec-2012 20:45:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK002		
First Level Reviewer: ulmanm		Date:	22-Dec-2012 10:18:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.016	6.014	0.002	96	126472	4.00	
* 2 Naphthalene-d8	136	7.122	7.120	0.002	99	492463	4.00	
* 3 Acenaphthene-d10	164	8.618	8.615	0.003	79	288615	4.00	
* 4 Phenanthrene-d10	188	9.884	9.882	0.002	95	523344	4.00	
* 5 Chrysene-d12	240	12.491	12.494	-0.003	84	495886	4.00	
* 6 Perylene-d12	264	14.617	14.625	-0.008	84	400481	4.00	
$ 9 Nitrobenzene-d5	82	6.491	6.495	-0.004	58	7650	0.1016	
$ 10 2-Fluorobiphenyl (Surr)	172	8.025	8.028	-0.003	61	13834	0.1196	
$ 12 Terphenyl-d14	244	11.251	11.260	-0.009	41	13151	0.1171	
41 Benzaldehyde	77		5.624					
75 Naphthalene	128	7.138	7.141	-0.003	20	12707	0.0980	
87 2-Methylnaphthalene	142	7.725	7.729	-0.004	73	9592	0.1120	
88 1-Methylnaphthalene	142	7.811	7.814	-0.003	56	9746	0.1212	
98 1,1'-Biphenyl	154	8.115	8.119	-0.004	73	14406	0.1334	
100 2-Chloronaphthalene	162	8.142	8.145	-0.003	77	11427	0.1204	
109 Acenaphthylene	152	8.500	8.498	0.002	71	16581	0.1213	
112 Acenaphthene	153	8.644	8.647	-0.003	65	11839	0.1359	
116 Dibenzofuran	168	8.788	8.792	-0.004	62	15309	0.1260	
126 Fluorene	166	9.082	9.080	0.002	38	10260	0.1108	
141 Hexachlorobenzene	284	9.547	9.550	-0.003	32	3920	0.1301	
148 Phenanthrene	178	9.900	9.903	-0.003	55	19551	0.1344	
149 Anthracene	178	9.942	9.951	-0.009	60	15050	0.1048	
159 Fluoranthene	202	10.920	10.923	-0.003	60	15993	0.0997	
161 Pyrene	202	11.139	11.142	-0.003	81	19983	0.1239	
177 Benzo[a]anthracene	228	12.480	12.478	0.002	23	21242	0.2298	
178 Chrysene	228	12.528	12.531	-0.003	60	18632	0.1342	
182 Benzo[b]fluoranthene	252	14.018	14.027	-0.009	58	16909	0.1266	
183 Benzo[k]fluoranthene	252	14.056	14.070	-0.014	52	12999	0.0958	
184 Benzo[a]pyrene	252	14.531	14.535	-0.003	30	12116	0.0998	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
188 Indeno[1,2,3-cd]pyrene	276	16.337	16.335	0.002	0	15145	0.1125	M
189 Dibenz(a,h)anthracene	278	16.353	16.362	-0.009	0	12858	0.1235	M
190 Benzo[g,h,i]perylene	276	16.796	16.805	-0.009	0	16607	0.2536	M

QC Flag Legend

Review Flags
M - Manually Integrated

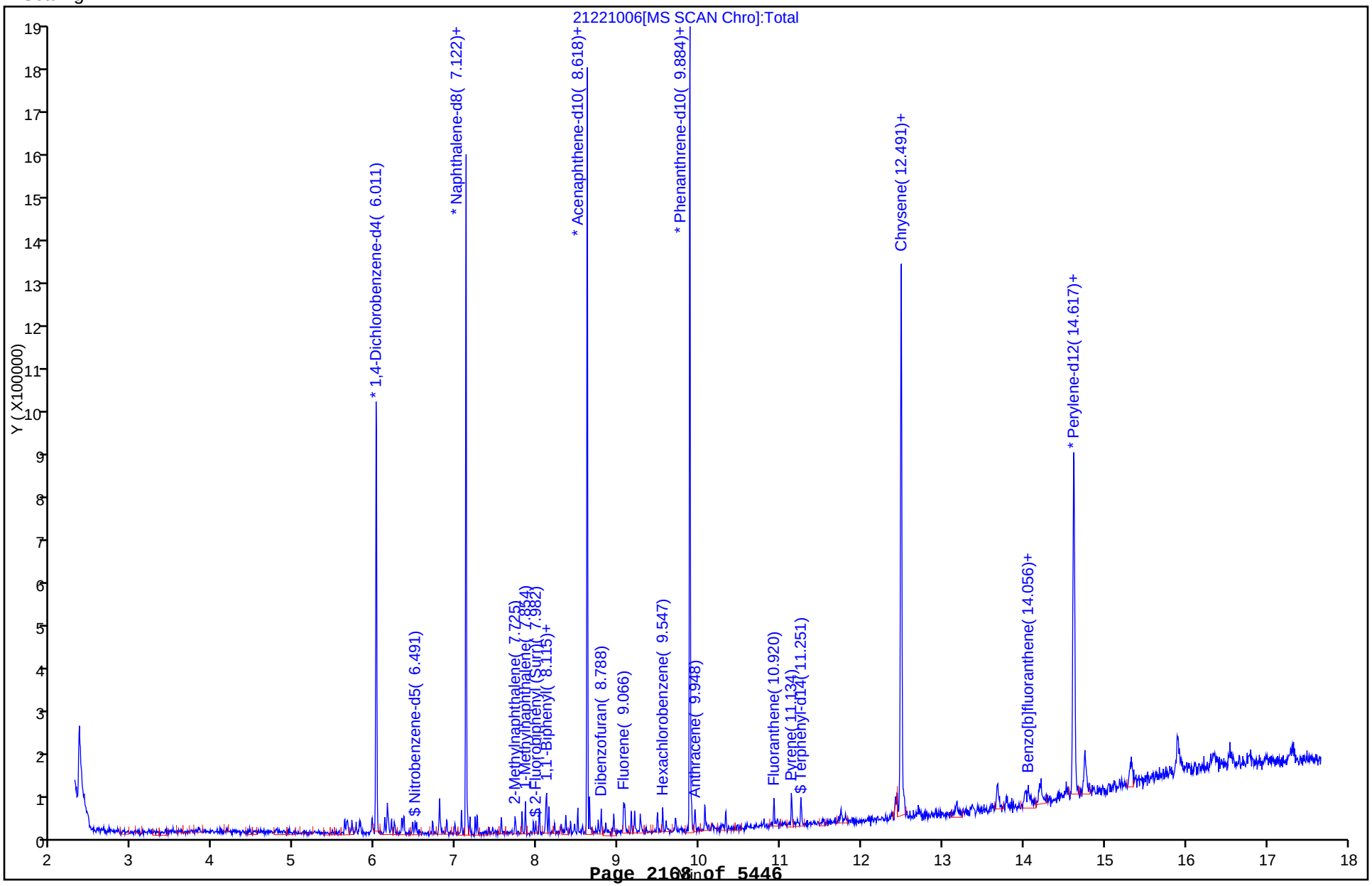
Report Date: 22-Dec-2012 11:07:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221006.D

Injection Date:	21-Dec-2012 15:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

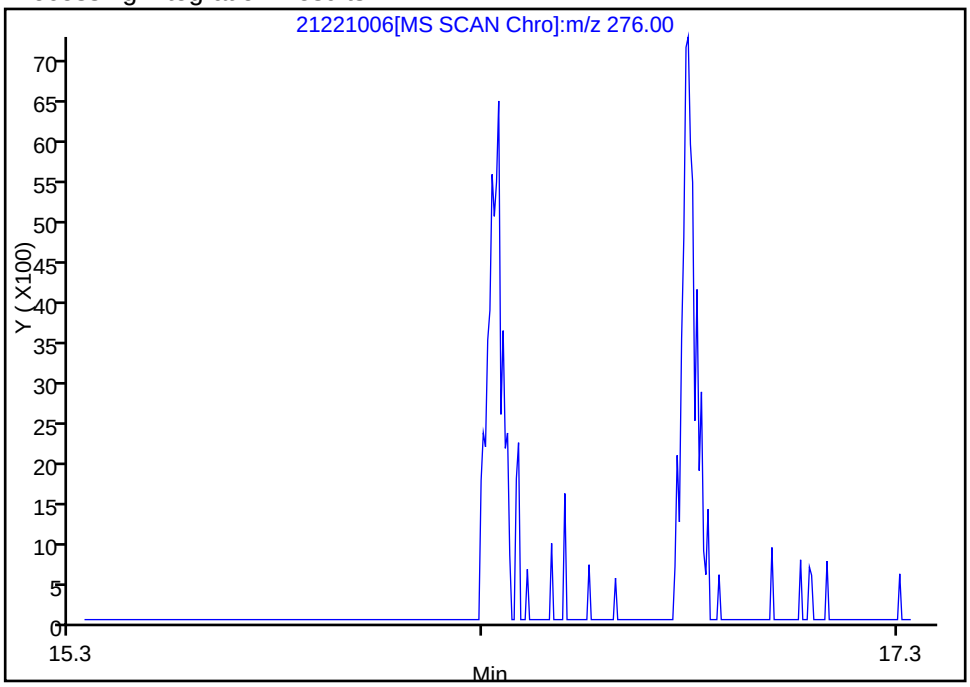
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221006.D		
Injection Date:	21-Dec-2012 15:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.33

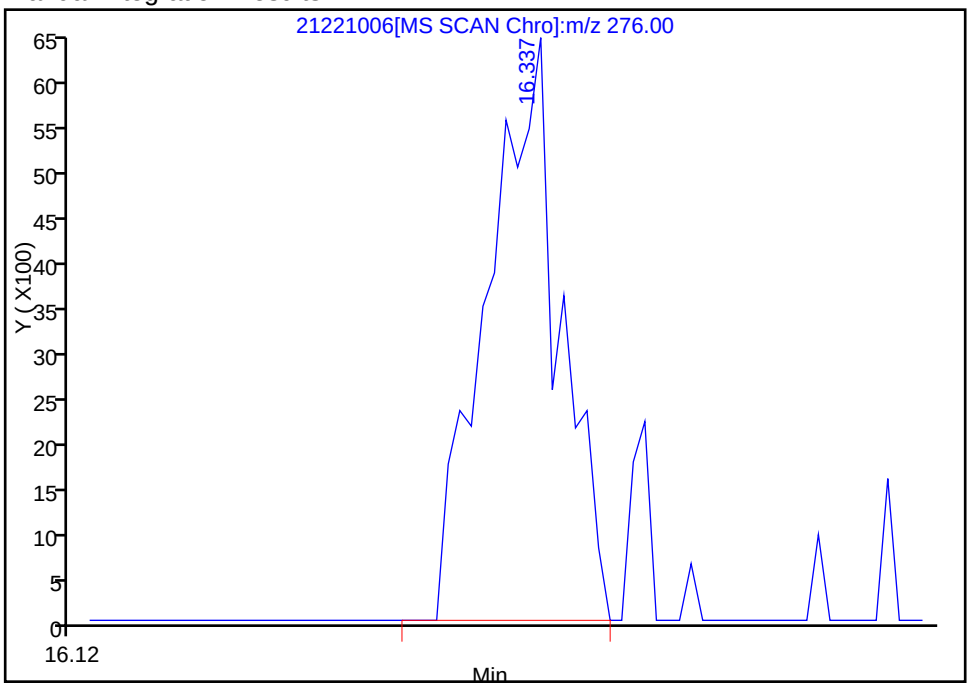
Processing Integration Results

Not Detected
Expected RT: 16.33



Manual Integration Results

RT: 16.34
Response: 15145
Amount: 0.112546



Reviewer: ulmanm, 22-Dec-2012 10:18:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

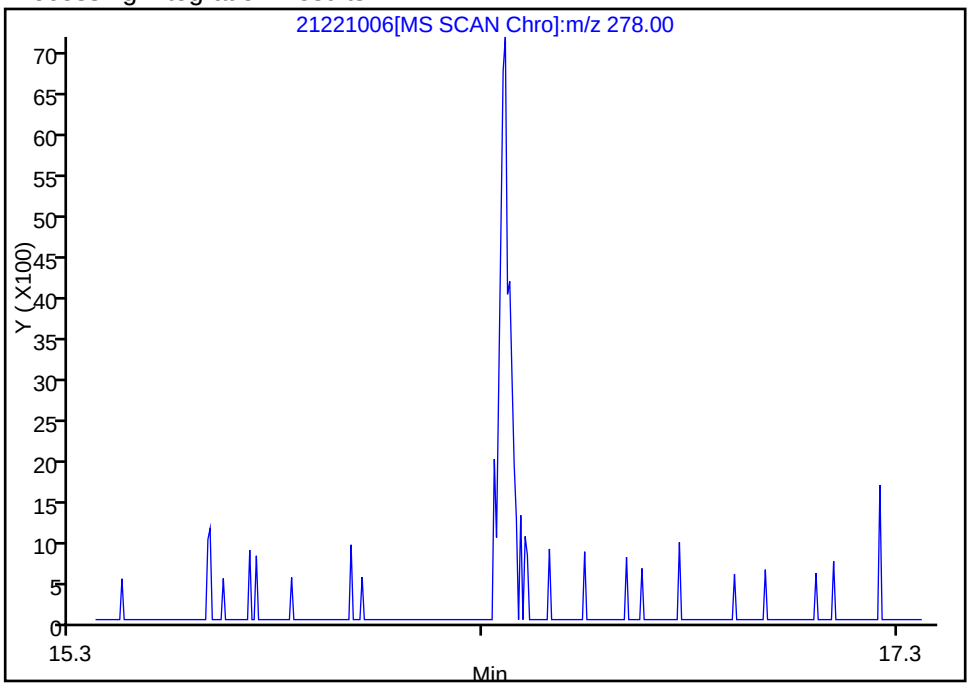
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221006.D		
Injection Date:	21-Dec-2012 15:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.36

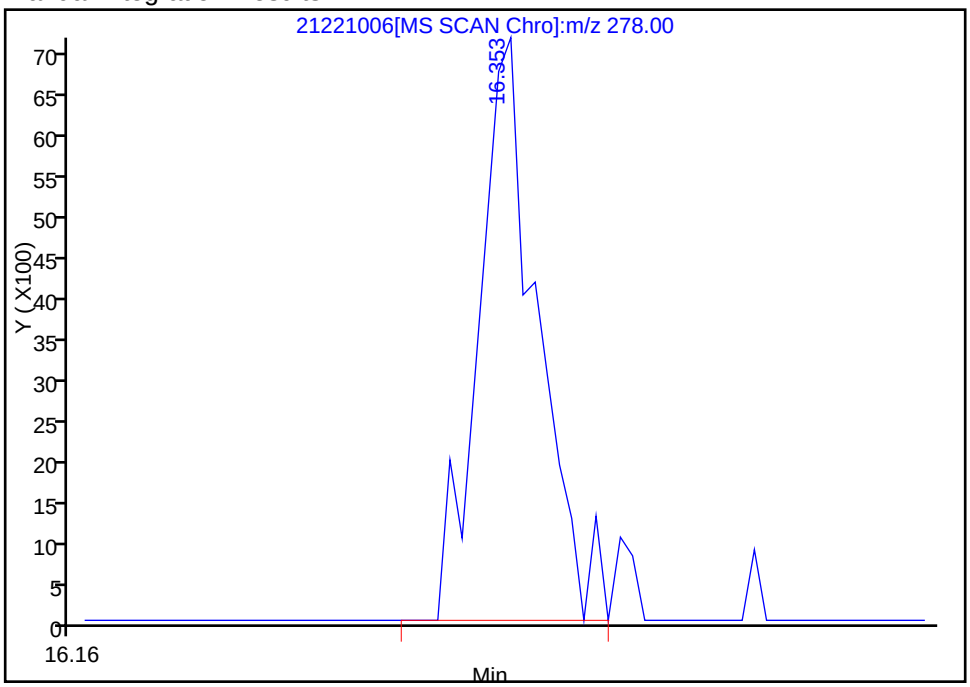
Processing Integration Results

Not Detected
Expected RT: 16.36



Manual Integration Results

RT: 16.35
Response: 12858
Amount: 0.123498



Reviewer: ulmanm, 22-Dec-2012 10:18:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

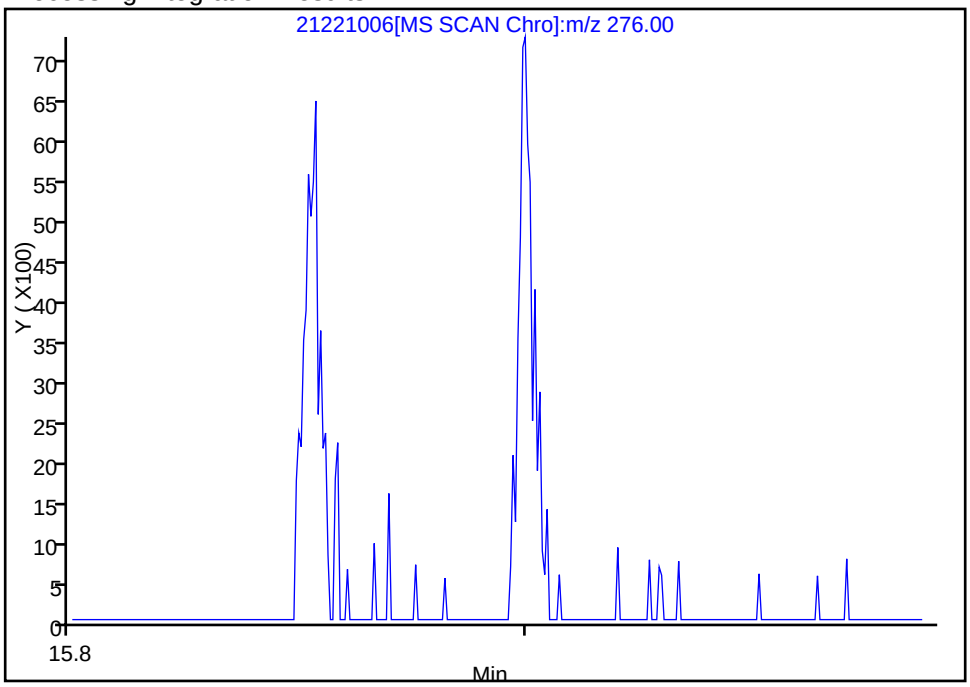
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221006.D		
Injection Date:	21-Dec-2012 15:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.80

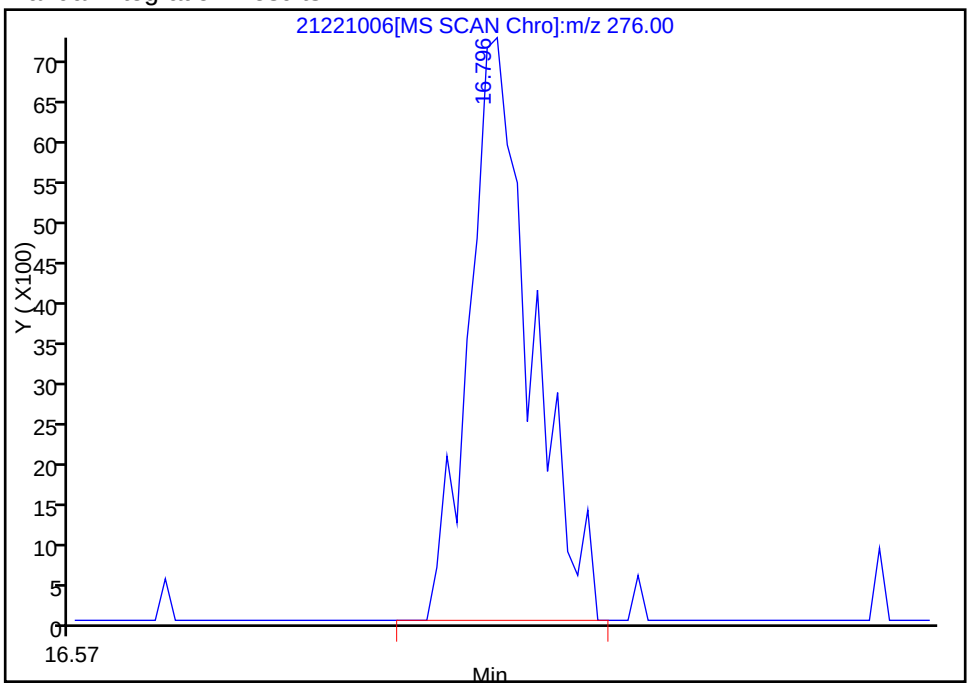
Processing Integration Results

Not Detected
Expected RT: 16.80



Manual Integration Results

RT: 16.80
Response: 16607
Amount: 0.253601



Reviewer: ulmanm, 22-Dec-2012 10:18:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221007.D
Lims ID: std9 tcl
Client ID:
Inject. Date: 21-Dec-2012 15:44:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 9
Sample ID: 240-0016106-007
Misc. Info.: STD9 TCL =STD9 TCL
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 7
Lims Batch ID: 69820
Lims Sample ID: 7
Sublist: chrom-8270 _9*sub13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\8270 _9.m
Last Update: 22-Dec-2012 11:07:41
Calib Date: 21-Dec-2012 20:45:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK002

First Level Reviewer: ulmanm
Date: 22-Dec-2012 10:21:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.012	6.014	-0.002	94	129125	4.00	
* 2 Naphthalene-d8	136	7.123	7.120	0.003	99	512833	4.00	
* 3 Acenaphthene-d10	164	8.619	8.615	0.004	85	314497	4.00	
* 4 Phenanthrene-d10	188	9.885	9.882	0.003	98	578092	4.00	
* 5 Chrysene-d12	240	12.497	12.494	0.003	78	588684	4.00	
* 6 Perylene-d12	264	14.624	14.625	-0.001	73	461263	4.00	
$ 7 2-Fluorophenol	112	4.783	4.785	-0.002	93	1183517	27.3	
$ 8 Phenol-d5	99	5.654	5.651	0.003	0	1741995	27.3	
$ 9 Nitrobenzene-d5	82	6.498	6.495	0.003	84	2191372	28.0	
$ 10 2-Fluorobiphenyl (Surr)	172	8.031	8.028	0.003	99	3419486	27.1	
$ 11 2,4,6-Tribromophenol	330	9.287	9.283	0.004	87	307245	25.2	
$ 12 Terphenyl-d14	244	11.258	11.260	-0.002	97	3455533	25.9	
25 1,4-Dioxane	88	2.727	2.728	-0.001	87	595300	26.4	M
26 N-Nitrosodimethylamine	74	3.197	3.193	0.004	91	902333	26.4	M
27 Pyridine	79	3.239	3.252	-0.013	91	1610046	26.5	M
28 Ethyl methacrylate	69	3.816	3.818	-0.002	84	1381282	26.4	M
29 3-Chloropropionitrile	54	4.164	4.165	-0.001	87	783792	26.6	M
33 Malononitrile	66	4.484	4.481	0.003	93	1917804	28.5	
41 Benzaldehyde	77	5.622	5.624	-0.002	88	1104640	19.7	
43 Phenol	94	5.665	5.661	0.004	92	1926082	26.8	
44 Aniline	93	5.718	5.715	0.003	97	2454368	27.5	
69 Bis(2-chloroethyl)ether	93	5.766	5.763	0.003	97	1849165	27.1	
46 2-Chlorophenol	128	5.820	5.821	-0.001	91	1198239	27.6	
47 1,3-Dichlorobenzene	146	5.964	5.966	-0.002	91	1475048	26.3	
48 1,4-Dichlorobenzene	146	6.028	6.030	-0.002	88	1230355	27.0	
49 Benzyl alcohol	108	6.119	6.115	0.004	86	872771	27.3	
50 1,2-Dichlorobenzene	146	6.167	6.163	0.004	91	1415252	26.0	
51 2-Methylphenol	108	6.204	6.201	0.003	96	1296374	27.5	
53 2,2'-oxybis[1-chloropropane]	45	6.242	6.238	0.004	95	1842592	26.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.333	6.329	0.004	90	1380577	27.9	
57 N-Nitrosodi-n-propylamine	70	6.354	6.350	0.004	73	1240318	27.8	
58 Acetophenone	105	6.359	6.356	0.003	86	1990411	27.6	
61 Hexachloroethane	117	6.466	6.463	0.003	90	662879	27.7	
62 Nitrobenzene	77	6.514	6.511	0.003	75	2250637	27.3	
64 Isophorone	82	6.712	6.708	0.004	95	3576254	28.4	
66 2-Nitrophenol	139	6.787	6.783	0.004	90	620475	24.7	
65 2,4-Dimethylphenol	107	6.797	6.794	0.003	97	1521678	27.9	
67 1,3,5-Trichlorobenzene	180	6.797	6.794	0.003	84	1306530	26.1	
71 Benzoic acid	122	6.888	6.831	0.057	45	1691814	49.5	
70 Bis(2-chloroethoxy)methane	93	6.883	6.885	-0.002	98	2363730	27.7	
73 2,4-Dichlorophenol	162	6.984	6.981	0.003	96	895186	26.9	
74 1,2,4-Trichlorobenzene	180	7.064	7.066	-0.002	86	1264250	25.9	
75 Naphthalene	128	7.139	7.141	-0.002	98	3816568	28.3	
76 4-Chloroaniline	127	7.171	7.168	0.003	81	1503510	27.9	
79 Hexachlorobutadiene	225	7.235	7.237	-0.002	88	709483	26.1	
80 1,2,3-Trichlorobenzene	180	7.262	7.259	0.003	86	1215468	0	
84 Caprolactam	113	7.470	7.445	0.025	81	376412	24.6	
86 4-Chloro-3-methylphenol	107	7.561	7.558	0.003	85	1298568	28.9	
87 2-Methylnaphthalene	142	7.727	7.729	-0.002	86	2397997	26.9	
88 1-Methylnaphthalene	142	7.812	7.814	-0.002	80	2235836	26.7	
89 Hexachlorocyclopentadiene	237	7.855	7.857	-0.002	69	871558	28.5	
90 1,2,3,5-Tetrachlorobenzene	216	7.855	7.857	-0.002	88	1365010	26.2	
92 2,4,6-Trichlorophenol	196	7.957	7.953	0.004	92	707980	26.8	
93 2,4,5-Trichlorophenol	196	7.983	7.985	-0.002	91	766854	27.1	
97 2,4-Toluene diamine	121	8.101	8.097	0.004	97	626792	25.0	M
99 1,2,3,4 -Tetrachlorobenzene	216	8.111	8.113	-0.002	87	1312221	0	
98 1,1'-Biphenyl	154	8.117	8.119	-0.002	95	3129512	26.6	
100 2-Chloronaphthalene	162	8.149	8.145	0.004	96	2706852	26.2	
102 2-Nitroaniline	65	8.218	8.215	0.003	74	959160	25.0	
105 Dimethyl phthalate	163	8.357	8.354	0.003	95	2599690	28.0	
107 2,6-Dinitrotoluene	165	8.416	8.412	0.004	80	685788	24.9	
108 1,2-Dinitrobenzene	168	8.469	8.461	0.009	84	348343	27.2	
109 Acenaphthylene	152	8.501	8.498	0.003	91	4089716	27.4	
110 3-Nitroaniline	138	8.566	8.562	0.004	86	634866	28.5	
112 Acenaphthene	153	8.646	8.647	-0.001	93	2472975	26.0	
111 2,4-Dinitrophenol	184	8.651	8.647	0.004	76	856086	50.0	
113 4-Nitrophenol	109	8.672	8.669	0.003	87	454623	25.0	
114 2,4-Dinitrotoluene	165	8.758	8.754	0.004	79	923221	25.0	
116 Dibenzofuran	168	8.790	8.792	-0.002	86	3581370	27.1	
118 2,3,5,6-Tetrachlorophenol	232	8.849	8.845	0.004	84	660196	27.2	
121 Diethyl phthalate	149	8.950	8.947	0.003	96	2780121	27.9	
123 4-Chlorophenyl phenyl ether	204	9.068	9.070	-0.002	93	1651155	26.4	
125 4-Nitroaniline	138	9.084	9.075	0.009	65	704769	24.9	
126 Fluorene	166	9.084	9.080	0.004	79	2716251	26.9	
128 4,6-Dinitro-2-methylphenol	198	9.105	9.102	0.003	73	505811	24.6	
131 N-Nitrosodiphenylamine	169	9.164	9.160	0.004	98	2157384	27.1	
132 1,2-Diphenylhydrazine	77	9.201	9.203	-0.002	100	4649295	28.7	
133 Azobenzene	77	9.201	9.203	-0.002	93	4649295	28.7	
139 4-Bromophenyl phenyl ether	248	9.484	9.486	-0.002	66	886023	25.6	
141 Hexachlorobenzene	284	9.549	9.550	-0.001	76	806168	24.2	
142 Atrazine	200	9.597	9.593	0.004	81	496014	22.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.709	9.705	0.004	82	1067306	49.2	
148 Phenanthrene	178	9.906	9.903	0.003	97	4201192	26.1	
149 Anthracene	178	9.949	9.951	-0.002	86	4385069	27.6	
151 Carbazole	167	10.072	10.068	0.004	81	4130288	28.4	
154 Di-n-butyl phthalate	149	10.328	10.325	0.003	100	5262739	29.3	
159 Fluoranthene	202	10.927	10.923	0.004	97	5023436	28.4	
160 Benzidine	184	11.023	11.019	0.004	98	1954833	24.4	
161 Pyrene	202	11.140	11.142	-0.002	95	5208727	27.2	
168 Butyl benzyl phthalate	149	11.749	11.751	-0.002	91	2081370	28.0	
172 3,3'-Dimethoxybenzidine	244	12.385	12.376	0.009	85	1190583	24.5	
175 3,3'-Dichlorobenzidine	252	12.428	12.424	0.004	70	1695667	28.3	
174 4,4'-Methylene bis(2-chloroanili	231	12.428	12.424	0.004	66	866101	24.8	
173 Bis(2-ethylhexyl) phthalate	149	12.444	12.446	-0.002	95	3091277	28.6	
177 Benzo[a]anthracene	228	12.481	12.478	0.003	88	4577717	24.8	
178 Chrysene	228	12.535	12.531	0.004	88	4166071	25.3	
180 Di-n-octyl phthalate	149	13.379	13.375	0.004	99	5154454	24.8	
182 Benzo[b]fluoranthene	252	14.036	14.027	0.009	82	4217528	27.4	
183 Benzo[k]fluoranthene	252	14.079	14.070	0.009	88	4287066	27.4	
184 Benzo[a]pyrene	252	14.549	14.535	0.015	73	3984105	28.5	
188 Indeno[1,2,3-cd]pyrene	276	16.349	16.335	0.014	81	4283350	27.6	
189 Dibenz(a,h)anthracene	278	16.376	16.362	0.014	79	3334279	27.8	
190 Benzo[g,h,i]perylene	276	16.830	16.805	0.025	77	3582462	24.9	
S 191 Methyl Phenols,Total	100				0		55.4	

QC Flag Legend

Review Flags
M - Manually Integrated

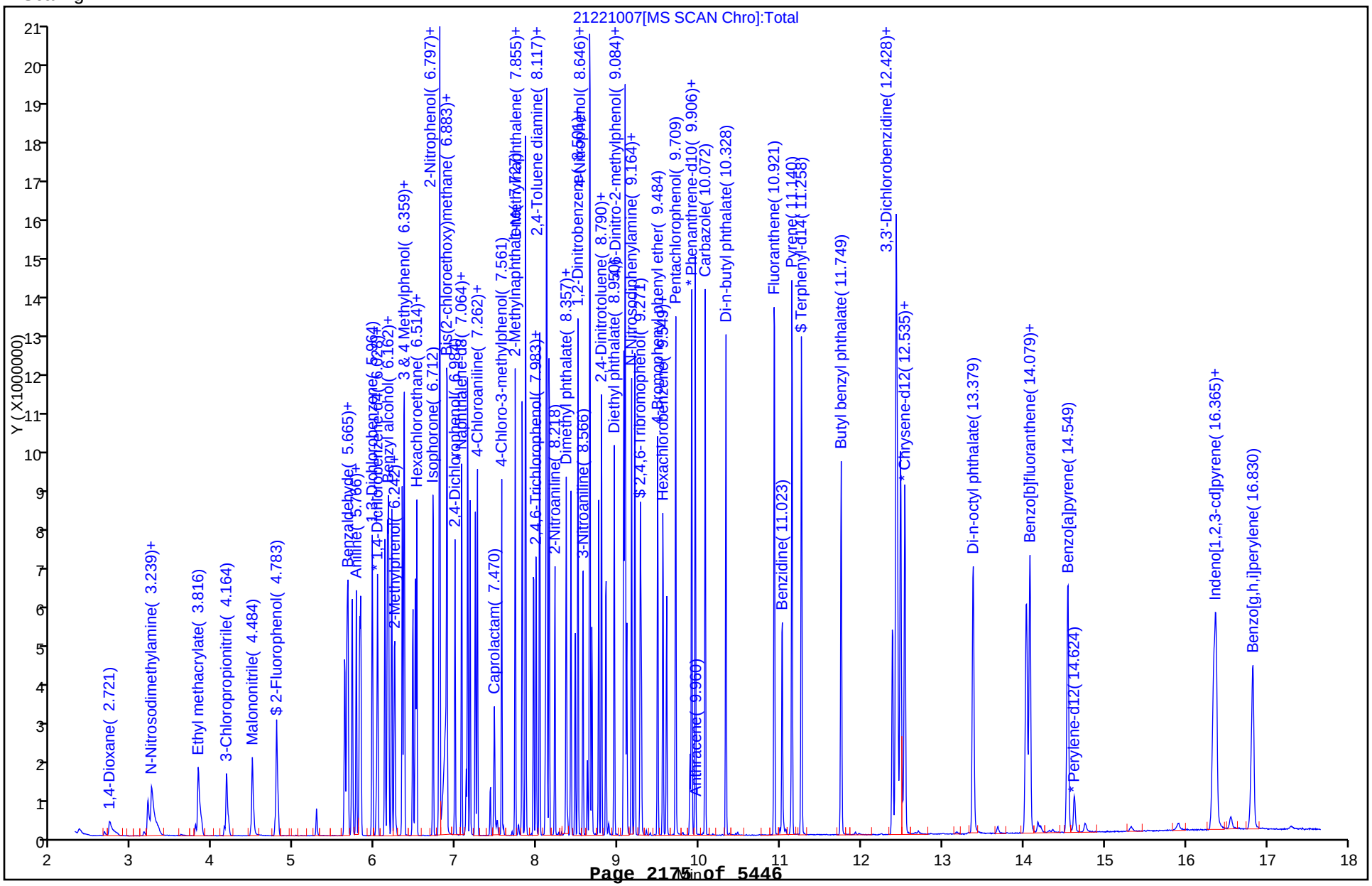
Report Date: 22-Dec-2012 11:07:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221007.D

Injection Date:	21-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

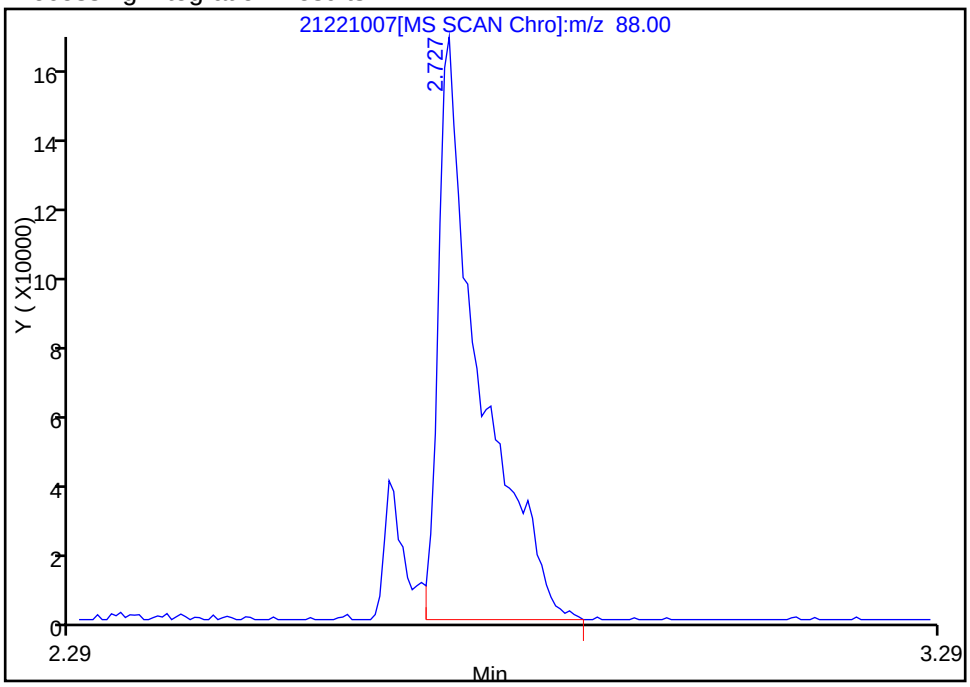
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221007.D		
Injection Date:	21-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.73

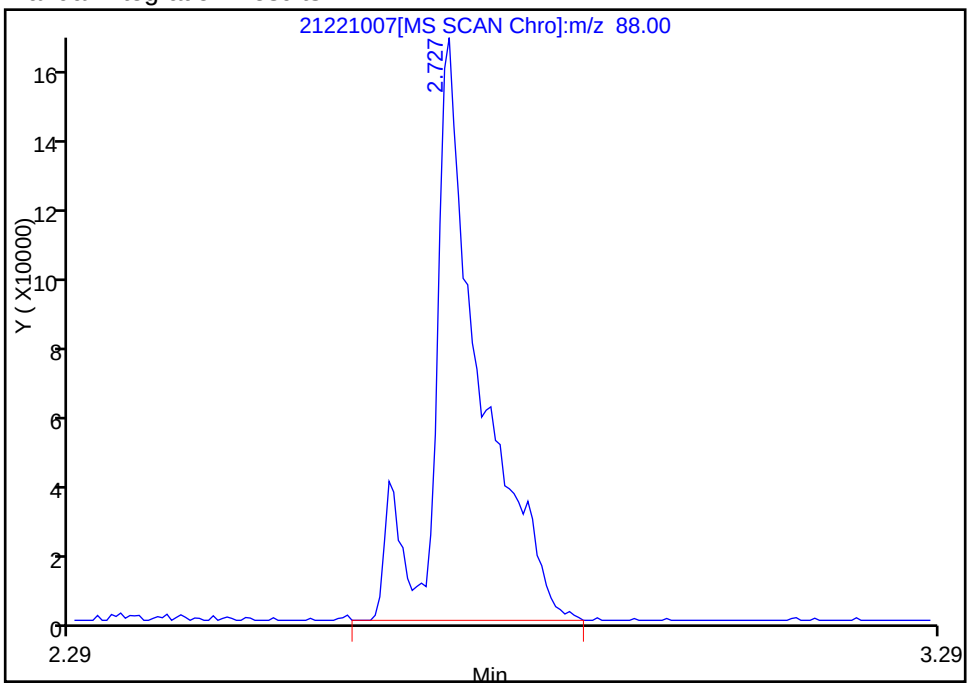
Processing Integration Results

RT: 2.73
Response: 535554
Amount: 25.484032



Manual Integration Results

RT: 2.73
Response: 595300
Amount: 26.446030



Reviewer: ulmanm, 22-Dec-2012 10:21:39
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

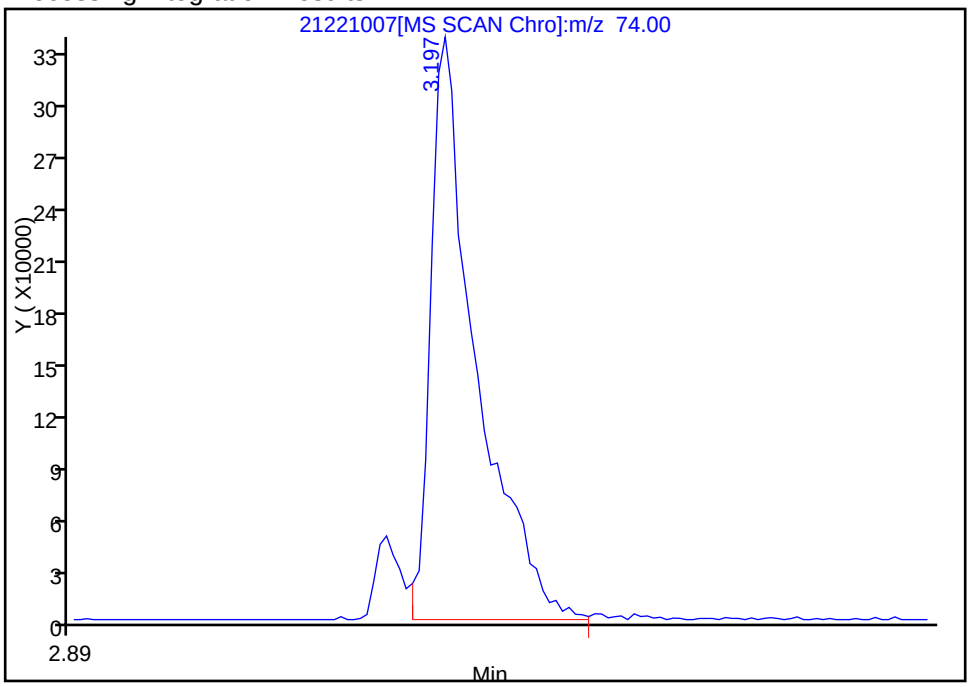
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221007.D		
Injection Date:	21-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.19

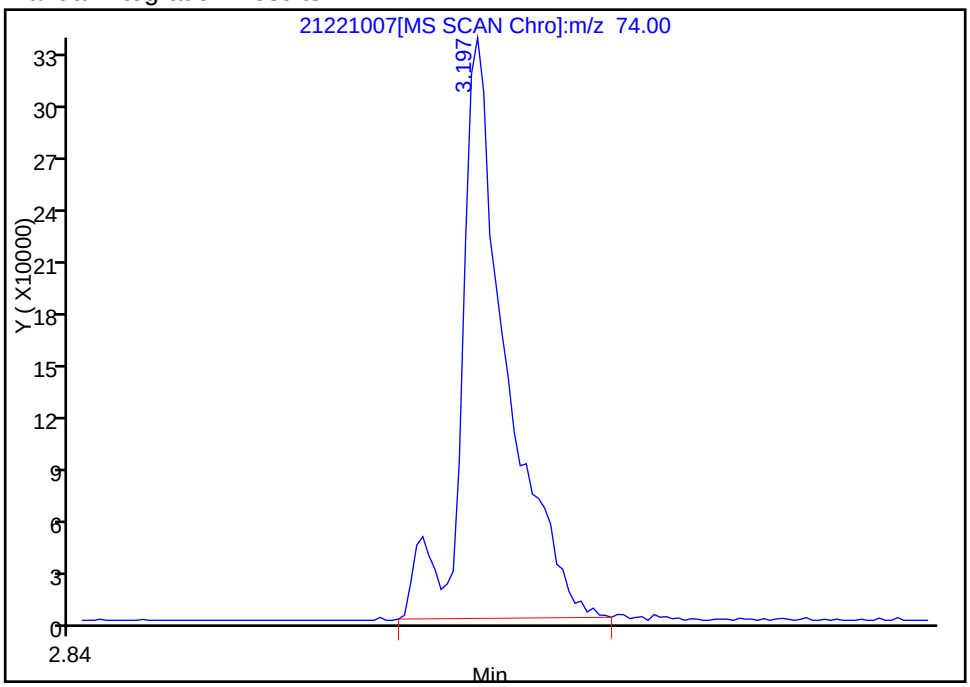
Processing Integration Results

RT: 3.20
Response: 852930
Amount: 25.920716



Manual Integration Results

RT: 3.20
Response: 902333
Amount: 26.442085



Reviewer: ulmanm, 22-Dec-2012 10:21:39
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

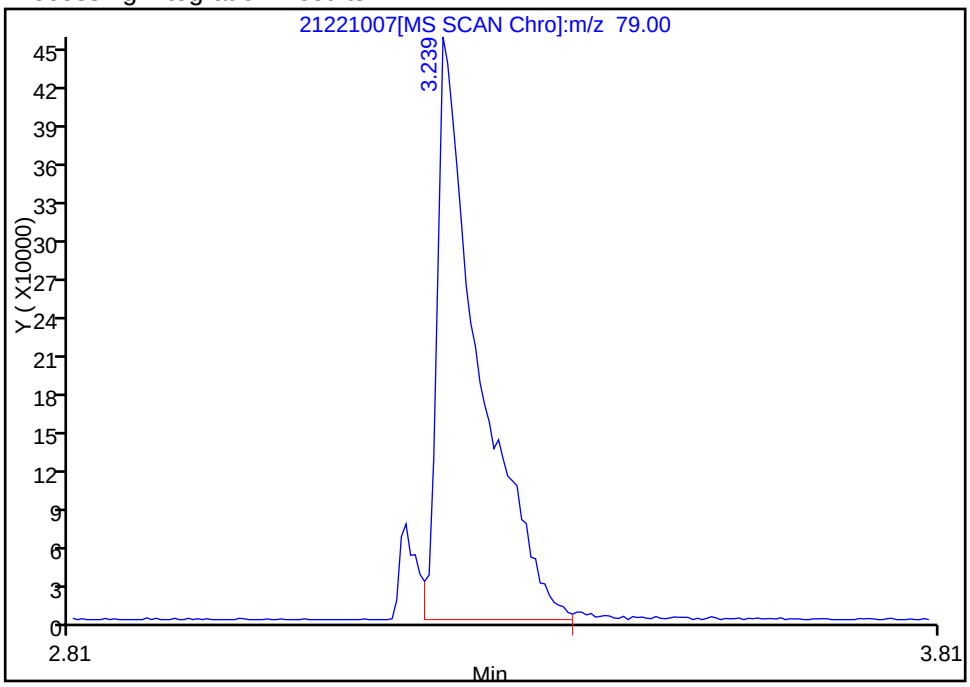
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221007.D		
Injection Date:	21-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.25

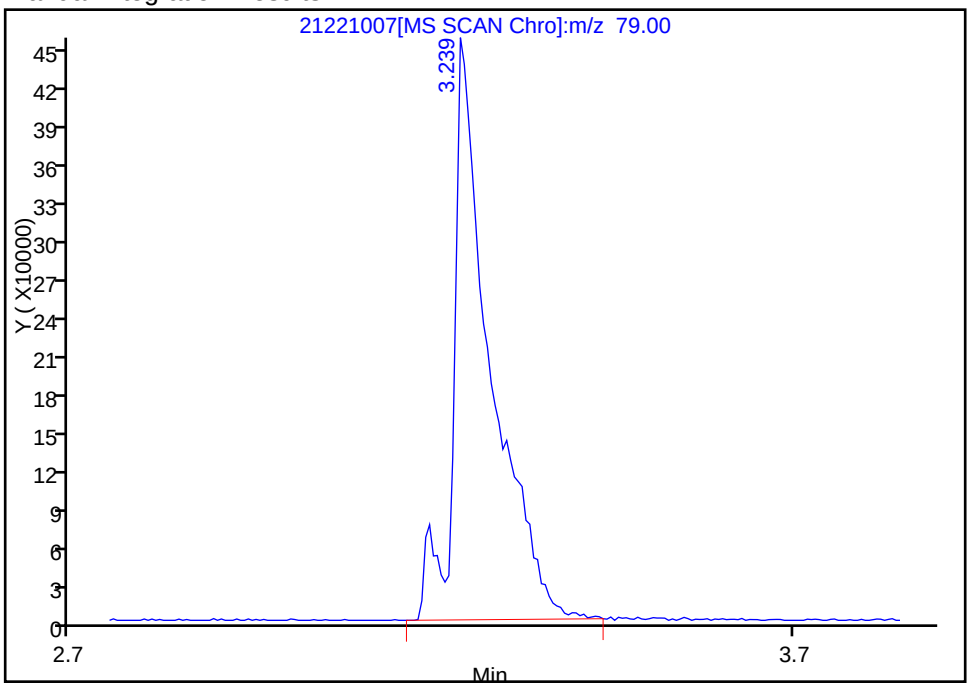
Processing Integration Results

RT: 3.24
Response: 1516777
Amount: 25.666855



Manual Integration Results

RT: 3.24
Response: 1610046
Amount: 26.488292



Reviewer: ulmanm, 22-Dec-2012 10:21:39
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Report Date: 22-Dec-2012 11:07:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

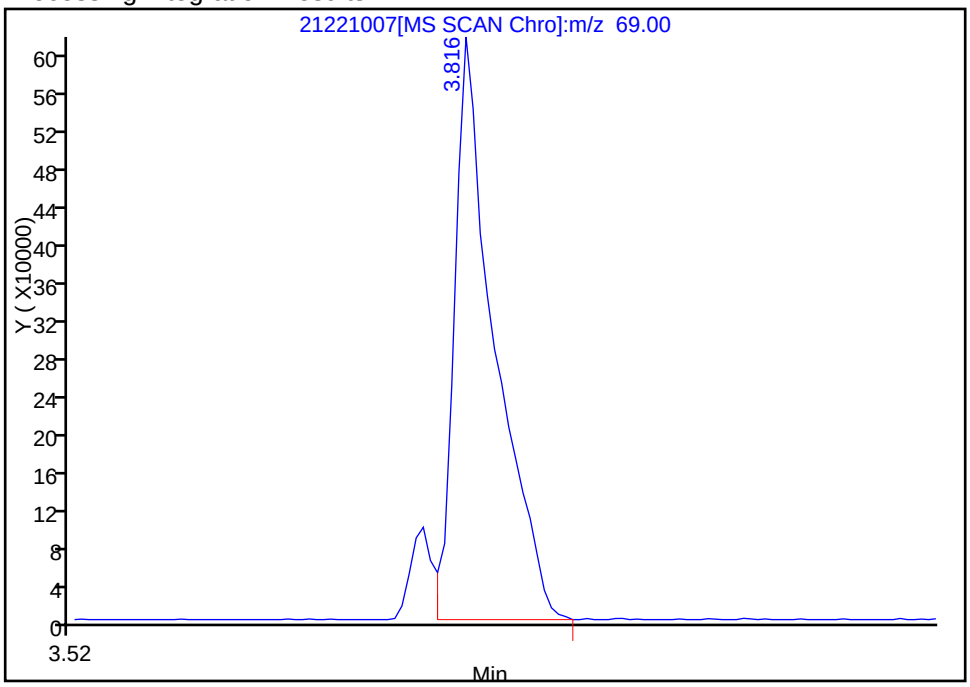
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221007.D		
Injection Date:	21-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

28 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.82

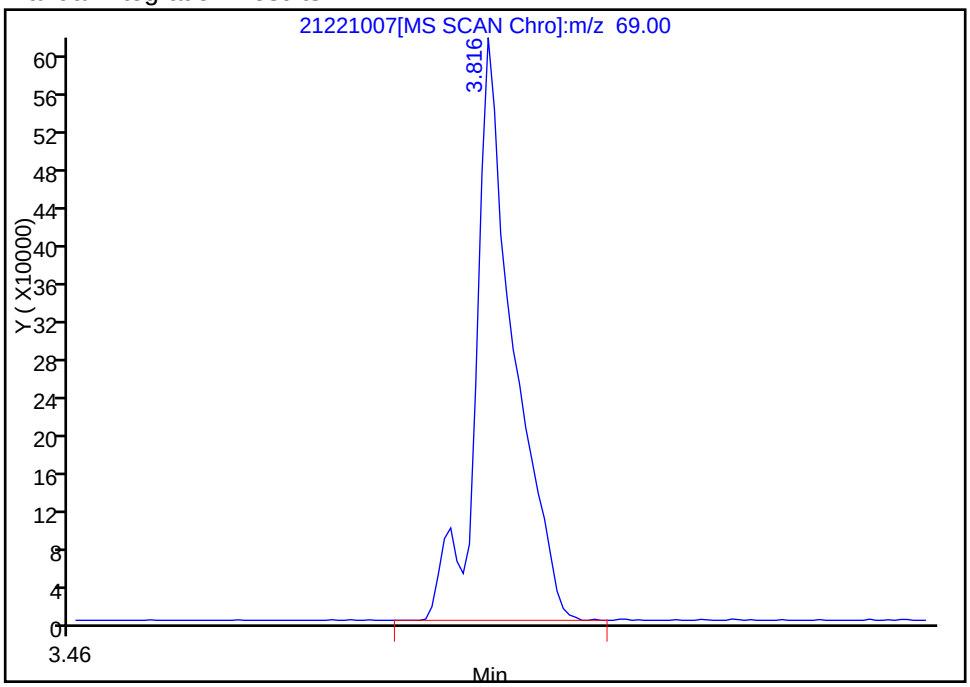
Processing Integration Results

RT: 3.82
Response: 1282177
Amount: 25.510806



Manual Integration Results

RT: 3.82
Response: 1381282
Amount: 26.375226



Reviewer: ulmanm, 22-Dec-2012 10:21:39
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

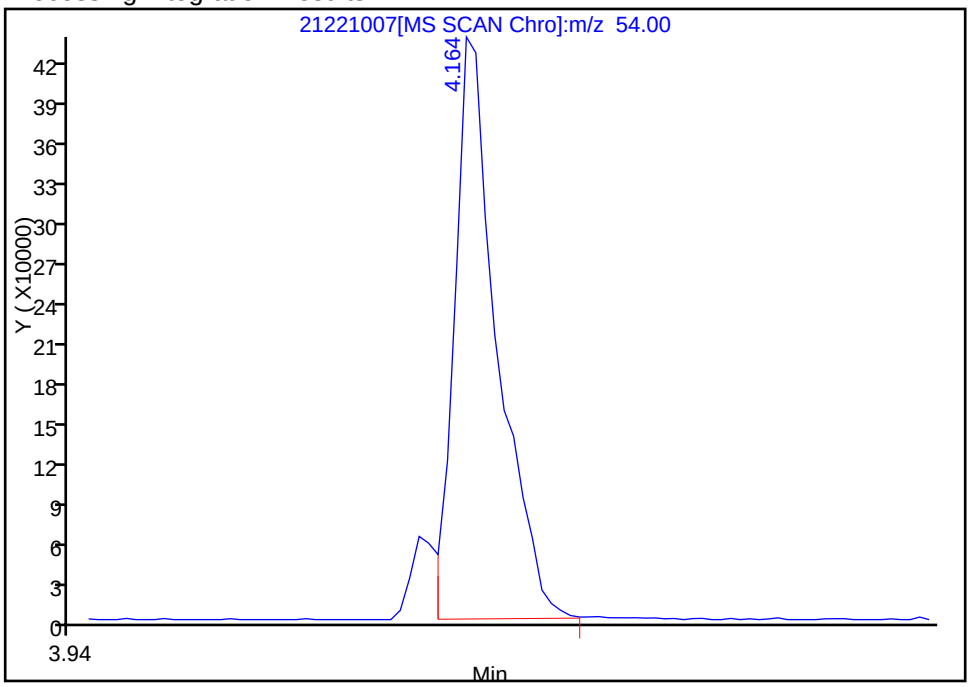
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221007.D		
Injection Date:	21-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.17

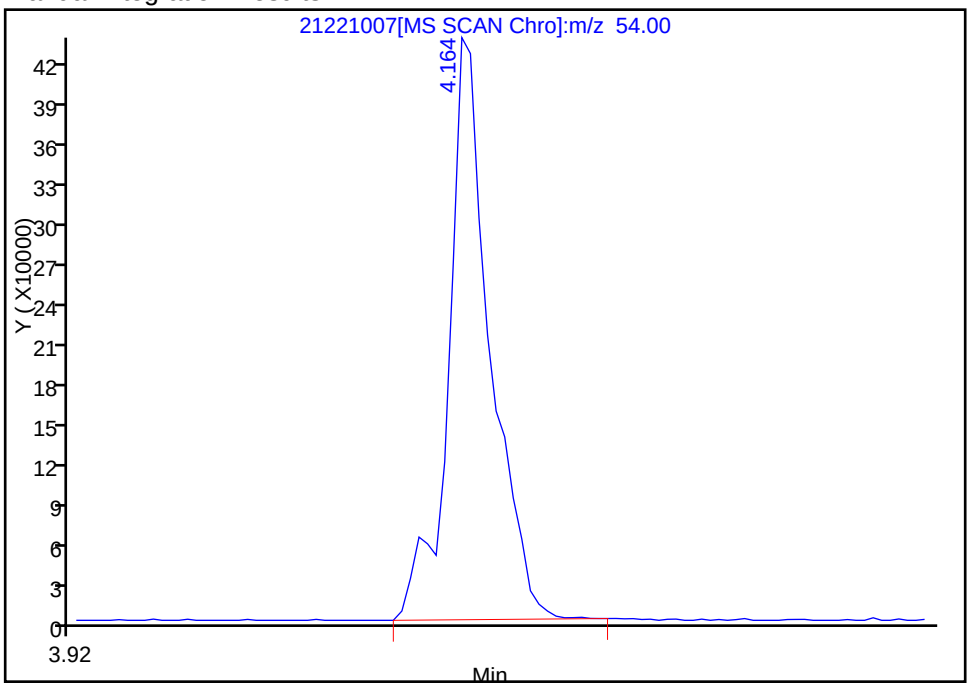
Processing Integration Results

RT: 4.16
Response: 732636
Amount: 25.609702



Manual Integration Results

RT: 4.16
Response: 783792
Amount: 26.551862



Reviewer: ulmanm, 22-Dec-2012 10:21:39
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

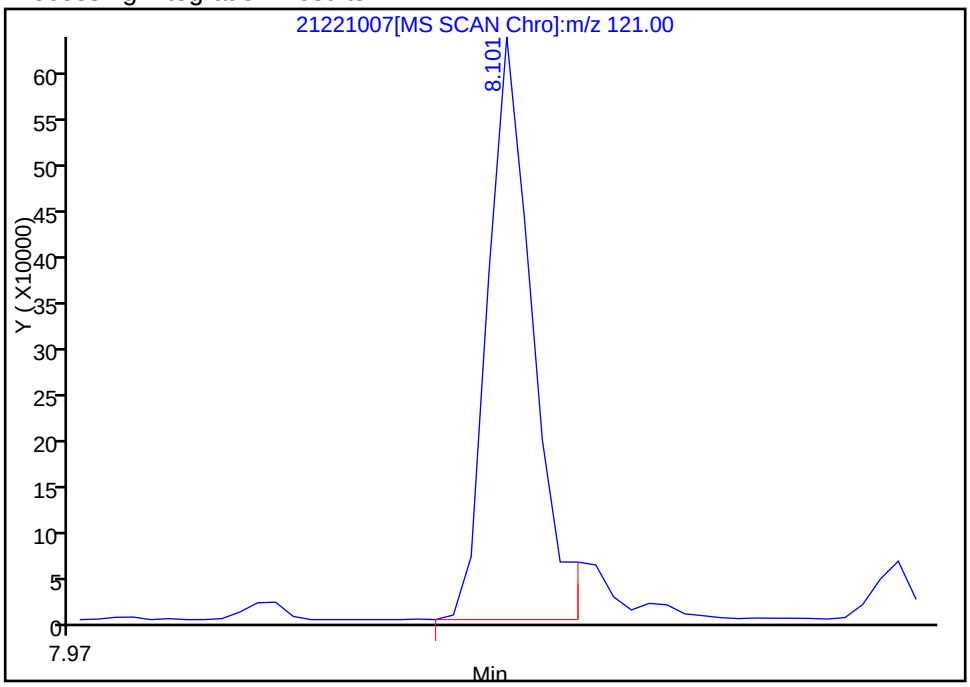
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221007.D		
Injection Date:	21-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

97 2,4-Toluene diamine, Signal: 1, m/z: 121.0 Type: quant, RT: 8.10

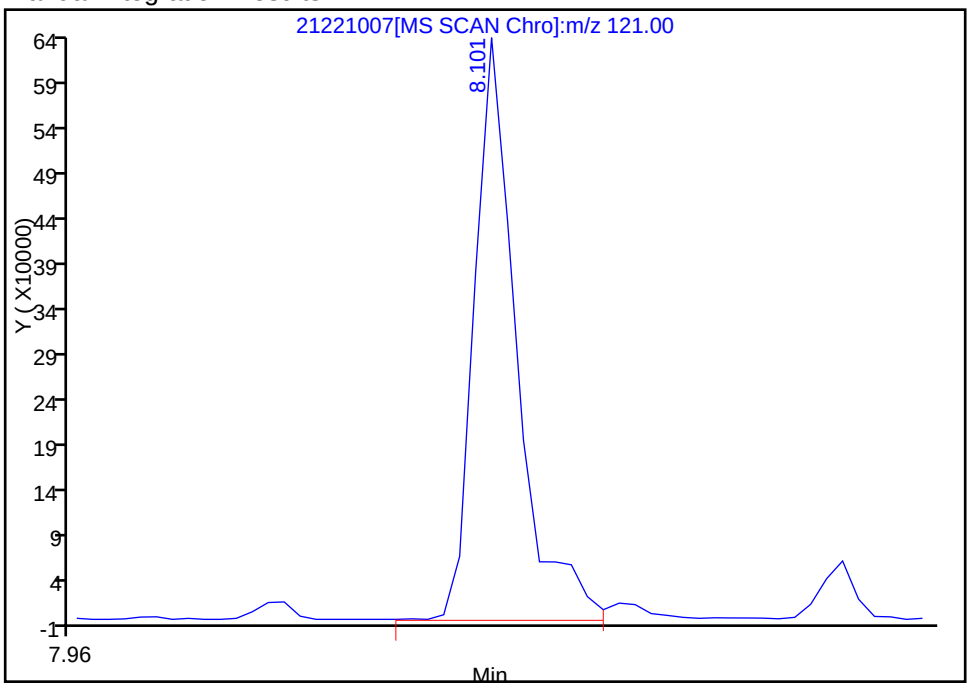
Processing Integration Results

RT: 8.10
Response: 591359
Amount: 23.753866



Manual Integration Results

RT: 8.10
Response: 626792
Amount: 24.999243



Reviewer: ulmanm, 22-Dec-2012 10:21:39
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221008.D
Lims ID: std8 tcl
Client ID:
Inject. Date: 21-Dec-2012 16:09:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 8
Sample ID: 240-0016106-008
Misc. Info.: STD8 TCL =STD8 TCL
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 8
Lims Batch ID: 69820
Lims Sample ID: 8
Sublist: chrom-8270 _9*sub13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\8270 _9.m
Last Update: 22-Dec-2012 11:07:43
Calib Date: 21-Dec-2012 20:45:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK002

First Level Reviewer: ulmanm
Date: 22-Dec-2012 10:23:54

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.014	6.014	0.0	77	130383	4.00	
* 2 Naphthalene-d8	136	7.119	7.120	-0.001	99	502548	4.00	
* 3 Acenaphthene-d10	164	8.615	8.615	0.0	79	310482	4.00	
* 4 Phenanthrene-d10	188	9.881	9.882	-0.001	97	537525	4.00	
* 5 Chrysene-d12	240	12.494	12.494	0.0	75	552721	4.00	
* 6 Perylene-d12	264	14.620	14.625	-0.005	73	446410	4.00	
$ 7 2-Fluorophenol	112	4.785	4.785	0.0	94	910813	20.8	
$ 8 Phenol-d5	99	5.650	5.651	-0.001	0	1379112	21.4	
$ 9 Nitrobenzene-d5	82	6.494	6.495	-0.001	82	1722387	22.4	
$ 10 2-Fluorobiphenyl (Surr)	172	8.028	8.028	0.0	99	2616027	21.0	
$ 11 2,4,6-Tribromophenol	330	9.283	9.283	0.0	81	228550	19.6	
$ 12 Terphenyl-d14	244	11.260	11.260	0.0	97	2661135	21.3	
25 1,4-Dioxane	88	2.723	2.728	-0.005	91	474891	20.9	M
26 N-Nitrosodimethylamine	74	3.193	3.193	0.0	83	743709	21.6	M
27 Pyridine	79	3.246	3.252	-0.006	92	1292258	21.1	M
28 Ethyl methacrylate	69	3.818	3.818	0.0	84	1121024	21.2	M
29 3-Chloropropionitrile	54	4.165	4.165	0.0	85	638544	21.4	M
33 Malononitrile	66	4.486	4.481	0.005	94	1528417	22.5	
41 Benzaldehyde	77	5.624	5.624	0.0	86	1004739	17.7	
43 Phenol	94	5.666	5.661	0.005	94	1533039	21.1	
44 Aniline	93	5.714	5.715	-0.001	97	1909818	21.2	
69 Bis(2-chloroethyl)ether	93	5.768	5.763	0.005	97	1423582	20.7	
46 2-Chlorophenol	128	5.821	5.821	0.0	93	947480	21.6	
47 1,3-Dichlorobenzene	146	5.966	5.966	0.0	91	1166827	20.6	
48 1,4-Dichlorobenzene	146	6.030	6.030	0.0	87	963191	21.0	
49 Benzyl alcohol	108	6.120	6.115	0.005	86	682208	21.1	
50 1,2-Dichlorobenzene	146	6.163	6.163	0.0	89	1137724	20.7	
51 2-Methylphenol	108	6.201	6.201	0.0	95	1006968	21.1	
53 2,2'-oxybis[1-chloropropane]	45	6.238	6.238	0.0	96	1425770	20.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.334	6.329	0.005	92	1076994	21.6	
57 N-Nitrosodi-n-propylamine	70	6.350	6.350	0.0	75	995266	22.1	
58 Acetophenone	105	6.361	6.356	0.005	86	1532276	21.0	
61 Hexachloroethane	117	6.462	6.463	-0.001	89	518732	21.5	
62 Nitrobenzene	77	6.510	6.511	-0.001	75	1780356	22.1	
64 Isophorone	82	6.713	6.708	0.005	95	2752245	22.3	
66 2-Nitrophenol	139	6.788	6.783	0.005	91	496848	20.8	
65 2,4-Dimethylphenol	107	6.799	6.794	0.005	96	1195924	22.4	
67 1,3,5-Trichlorobenzene	180	6.794	6.794	0.0	83	1013811	20.7	
71 Benzoic acid	122	6.879	6.831	0.048	70	1340121	41.3	
70 Bis(2-chloroethoxy)methane	93	6.884	6.885	-0.001	95	1840841	22.0	
73 2,4-Dichlorophenol	162	6.986	6.981	0.005	97	734306	22.5	
74 1,2,4-Trichlorobenzene	180	7.066	7.066	0.0	84	989972	20.7	
75 Naphthalene	128	7.141	7.141	0.0	98	2901987	21.9	
76 4-Chloroaniline	127	7.173	7.168	0.005	81	1189897	22.5	
79 Hexachlorobutadiene	225	7.237	7.237	0.0	88	554896	20.8	
80 1,2,3-Trichlorobenzene	180	7.258	7.259	-0.001	86	926077	0	
84 Caprolactam	113	7.467	7.445	0.022	83	314945	20.9	
86 4-Chloro-3-methylphenol	107	7.557	7.558	-0.001	88	1004628	22.8	
87 2-Methylnaphthalene	142	7.728	7.729	-0.001	85	1831212	21.0	
88 1-Methylnaphthalene	142	7.814	7.814	0.0	82	1744086	21.3	
89 Hexachlorocyclopentadiene	237	7.857	7.857	0.0	76	686313	22.7	
90 1,2,3,5-Tetrachlorobenzene	216	7.857	7.857	0.0	88	1073165	20.9	
92 2,4,6-Trichlorophenol	196	7.953	7.953	0.0	93	545710	21.0	
93 2,4,5-Trichlorophenol	196	7.985	7.985	0.0	92	609729	21.9	
97 2,4-Toluene diamine	121	8.097	8.097	0.0	97	451191	18.4	
99 1,2,3,4 -Tetrachlorobenzene	216	8.113	8.113	0.0	85	1024177	0	
98 1,1'-Biphenyl	154	8.118	8.119	-0.001	95	2432848	20.9	
100 2-Chloronaphthalene	162	8.145	8.145	0.0	97	2109317	20.7	
102 2-Nitroaniline	65	8.215	8.215	0.0	72	742428	20.1	
105 Dimethyl phthalate	163	8.353	8.354	-0.001	95	1991595	21.7	
107 2,6-Dinitrotoluene	165	8.412	8.412	0.0	78	536439	20.1	
108 1,2-Dinitrobenzene	168	8.466	8.461	0.006	83	283688	22.4	
109 Acenaphthylene	152	8.503	8.498	0.005	95	3237768	22.0	
110 3-Nitroaniline	138	8.562	8.562	0.0	87	503862	22.9	
112 Acenaphthene	153	8.647	8.647	0.0	93	1904458	20.3	
111 2,4-Dinitrophenol	184	8.647	8.647	0.0	70	644706	39.8	
113 4-Nitrophenol	109	8.674	8.669	0.005	88	348584	19.9	
114 2,4-Dinitrotoluene	165	8.759	8.754	0.005	79	714591	20.1	
116 Dibenzofuran	168	8.792	8.792	0.0	84	2657051	20.3	
118 2,3,5,6-Tetrachlorophenol	232	8.845	8.845	0.0	88	521013	21.7	
121 Diethyl phthalate	149	8.946	8.947	-0.001	95	2176114	22.1	
123 4-Chlorophenyl phenyl ether	204	9.069	9.070	-0.001	91	1305506	21.2	
125 4-Nitroaniline	138	9.080	9.075	0.005	60	552307	20.1	
126 Fluorene	166	9.085	9.080	0.005	68	2118939	21.3	
128 4,6-Dinitro-2-methylphenol	198	9.101	9.102	-0.001	67	391110	20.9	
131 N-Nitrosodiphenylamine	169	9.160	9.160	0.0	98	1648797	22.3	
132 1,2-Diphenylhydrazine	77	9.203	9.203	0.0	100	3531438	23.4	
133 Azobenzene	77	9.203	9.203	0.0	93	3531438	23.4	
139 4-Bromophenyl phenyl ether	248	9.486	9.486	0.0	66	695427	21.6	
141 Hexachlorobenzene	284	9.550	9.550	0.0	78	644859	20.8	
142 Atrazine	200	9.593	9.593	0.0	83	407485	20.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.705	9.705	0.0	75	843539	41.9	
148 Phenanthrene	178	9.903	9.903	0.0	86	3170028	21.2	
149 Anthracene	178	9.951	9.951	0.0	86	3347412	22.7	
151 Carbazole	167	10.074	10.068	0.006	81	3141931	23.2	
154 Di-n-butyl phthalate	149	10.325	10.325	0.0	100	3971153	23.8	
159 Fluoranthene	202	10.923	10.923	0.0	98	3803371	23.1	
160 Benzidine	184	11.019	11.019	0.0	99	1579841	21.1	
161 Pyrene	202	11.142	11.142	0.0	95	3948673	22.0	
168 Butyl benzyl phthalate	149	11.746	11.751	-0.005	92	1628110	23.3	
172 3,3'-Dimethoxybenzidine	244	12.376	12.376	0.0	85	922816	20.8	
175 3,3'-Dichlorobenzidine	252	12.424	12.424	0.0	72	1290590	22.9	
174 4,4'-Methylene bis(2-chloroanili	231	12.424	12.424	0.0	72	658312	20.3	
173 Bis(2-ethylhexyl) phthalate	149	12.440	12.446	-0.006	96	2365591	23.3	
177 Benzo[a]anthracene	228	12.478	12.478	0.0	86	3478369	20.4	
178 Chrysene	228	12.531	12.531	0.0	88	3166464	20.5	
180 Di-n-octyl phthalate	149	13.375	13.375	0.0	100	3946321	20.4	
182 Benzo[b]fluoranthene	252	14.032	14.027	0.005	86	3158942	21.2	
183 Benzo[k]fluoranthene	252	14.075	14.070	0.005	81	3398627	22.5	
184 Benzo[a]pyrene	252	14.540	14.535	0.006	74	3080509	22.8	
188 Indeno[1,2,3-cd]pyrene	276	16.340	16.335	0.005	81	3335807	22.2	
189 Dibenz(a,h)anthracene	278	16.367	16.362	0.005	62	2546401	21.9	
190 Benzo[g,h,i]perylene	276	16.821	16.805	0.016	78	2741480	20.2	
S 191 Methyl Phenols,Total	100				0		42.7	

QC Flag Legend

Review Flags
M - Manually Integrated

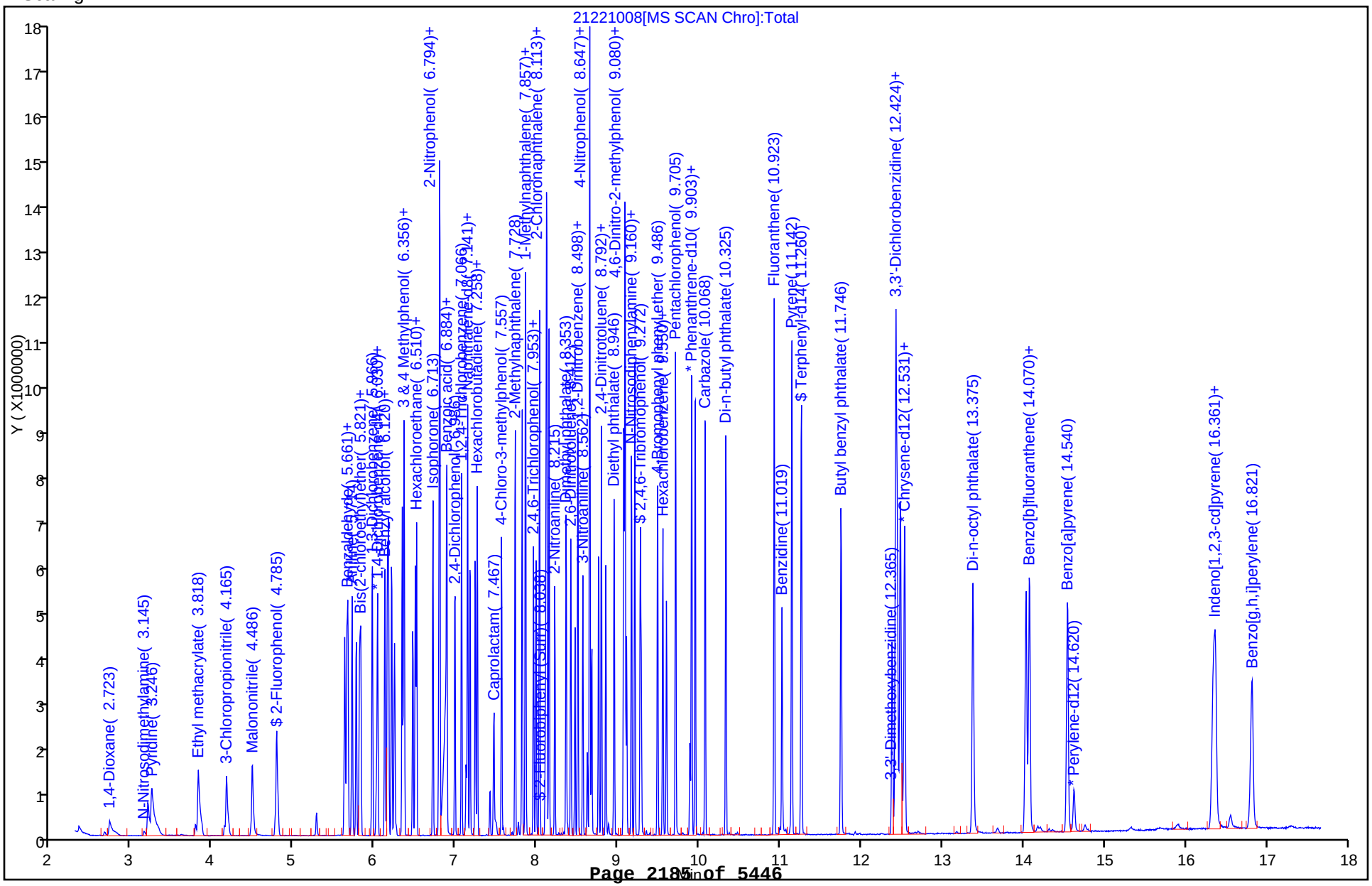
Report Date: 22-Dec-2012 11:07:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221008.D

Injection Date:	21-Dec-2012 16:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

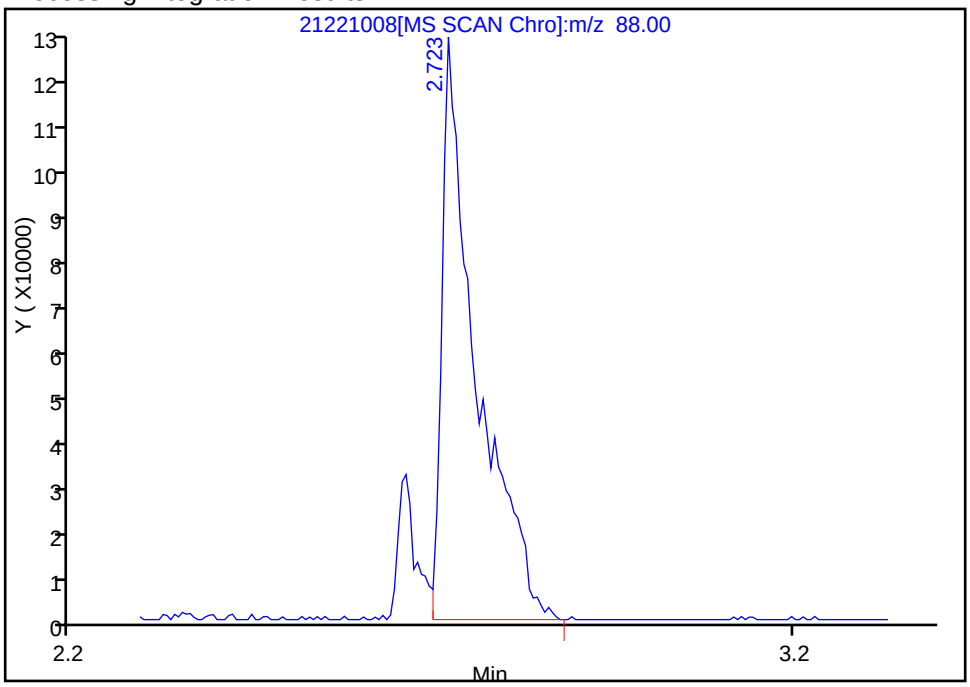
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221008.D		
Injection Date:	21-Dec-2012 16:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.73

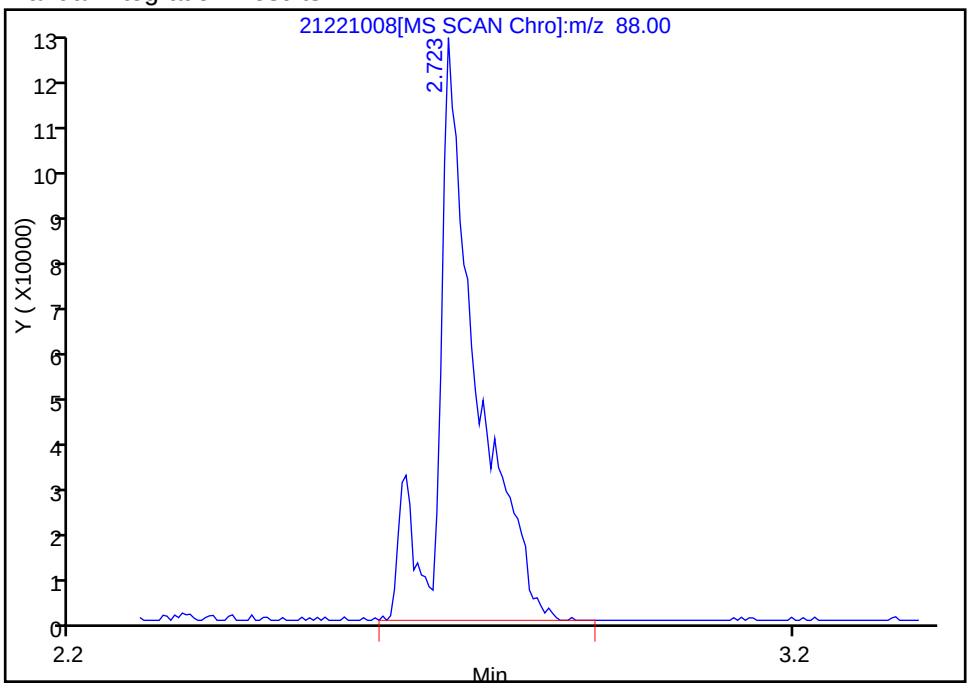
Processing Integration Results

RT: 2.72
Response: 421587
Amount: 19.588964



Manual Integration Results

RT: 2.72
Response: 474891
Amount: 20.893342



Reviewer: ulmanm, 22-Dec-2012 10:23:54
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

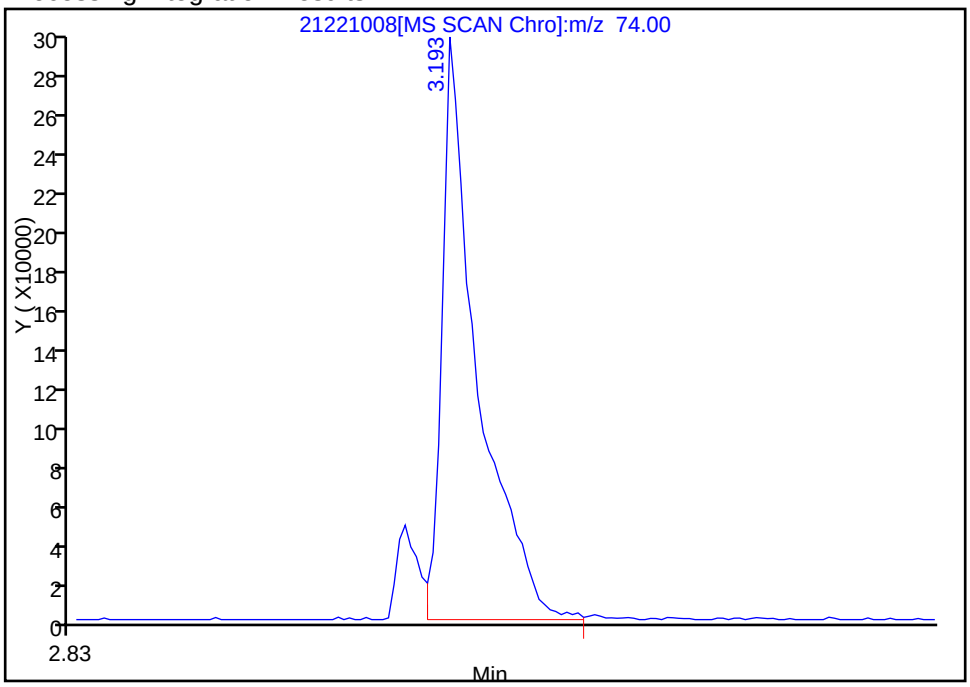
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221008.D		
Injection Date:	21-Dec-2012 16:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.19

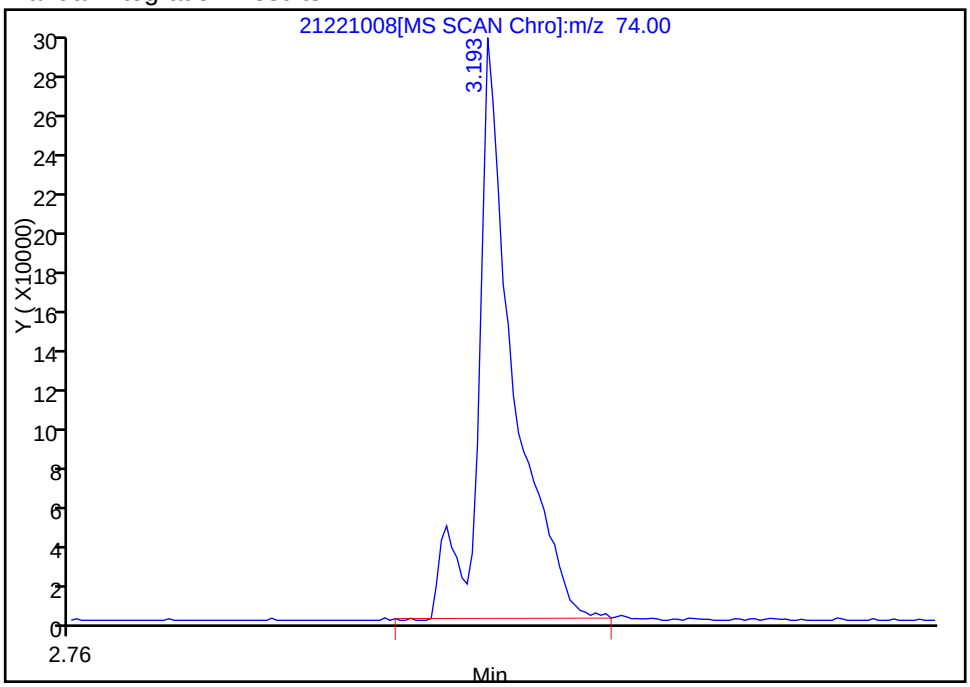
Processing Integration Results

RT: 3.19
Response: 693476
Amount: 20.716024



Manual Integration Results

RT: 3.19
Response: 743709
Amount: 21.583469



Reviewer: ulmanm, 22-Dec-2012 10:23:54
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

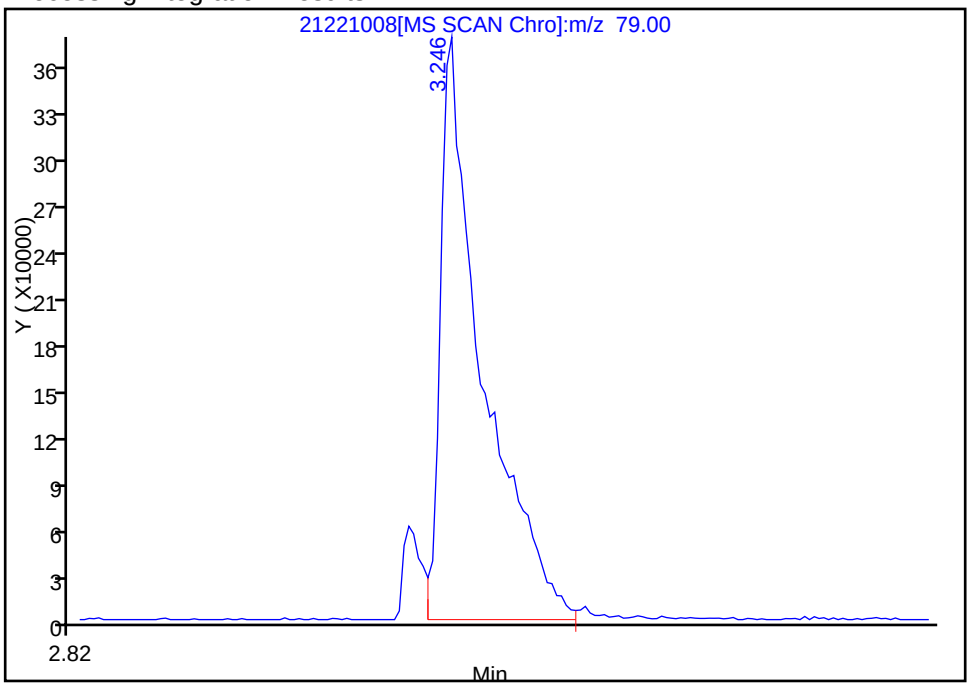
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221008.D		
Injection Date:	21-Dec-2012 16:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.25

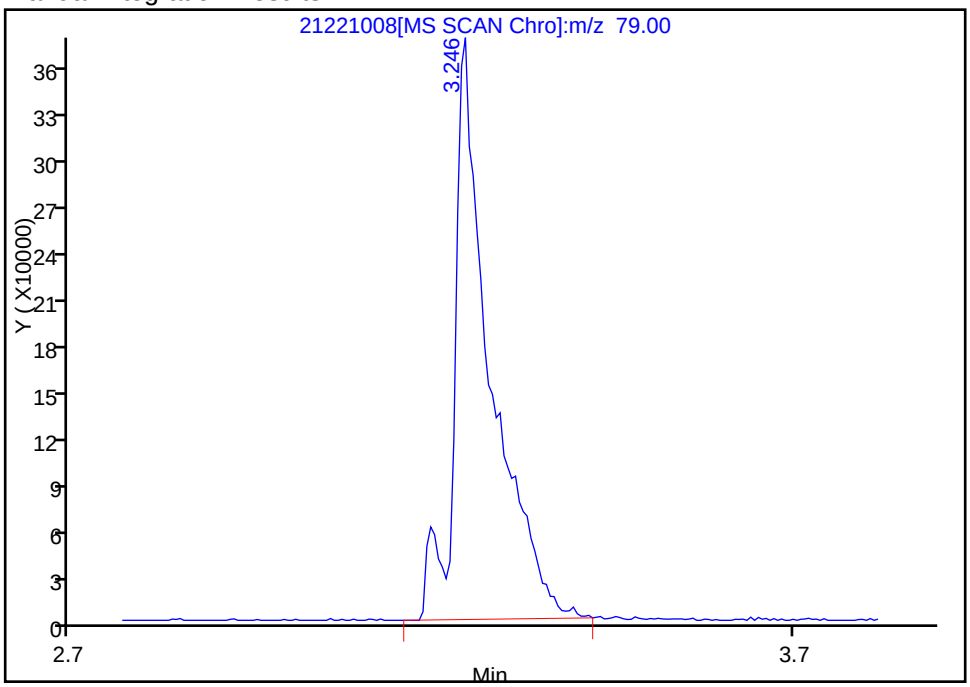
Processing Integration Results

RT: 3.25
Response: 1218109
Amount: 20.254087



Manual Integration Results

RT: 3.25
Response: 1292258
Amount: 21.054952



Reviewer: ulmanm, 22-Dec-2012 10:23:54
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

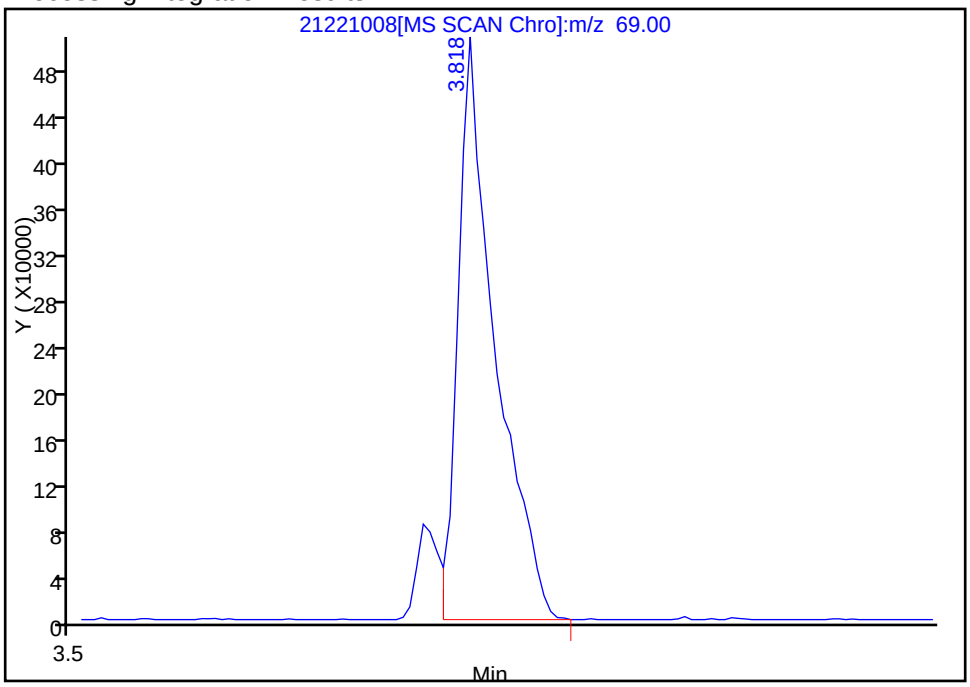
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221008.D		
Injection Date:	21-Dec-2012 16:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

28 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.82

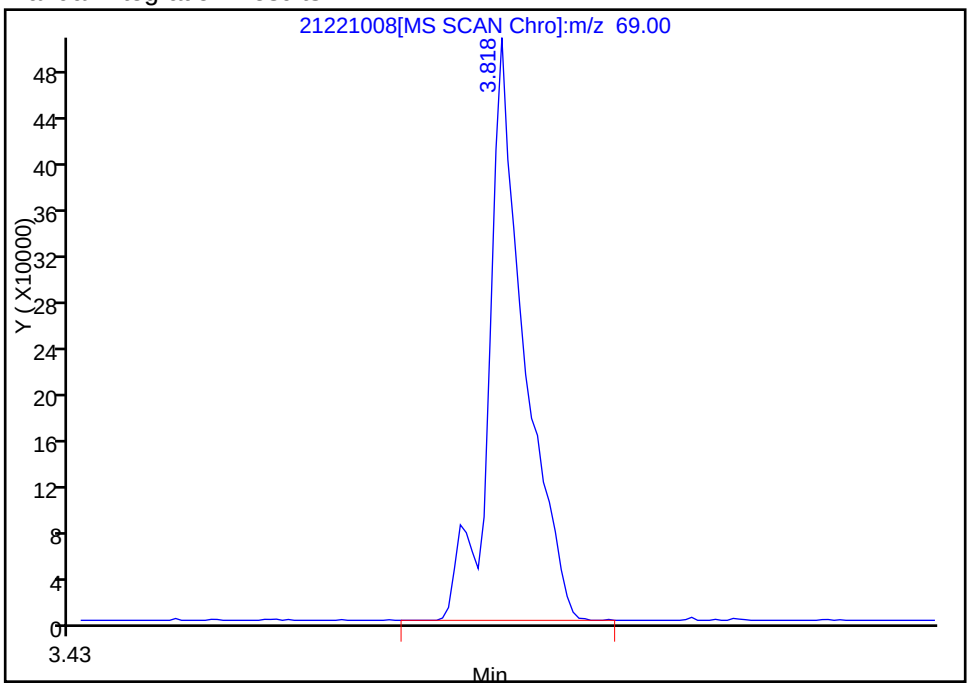
Processing Integration Results

RT: 3.82
Response: 1032305
Amount: 20.142472



Manual Integration Results

RT: 3.82
Response: 1121024
Amount: 21.199133



Reviewer: ulmanm, 22-Dec-2012 10:23:54
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

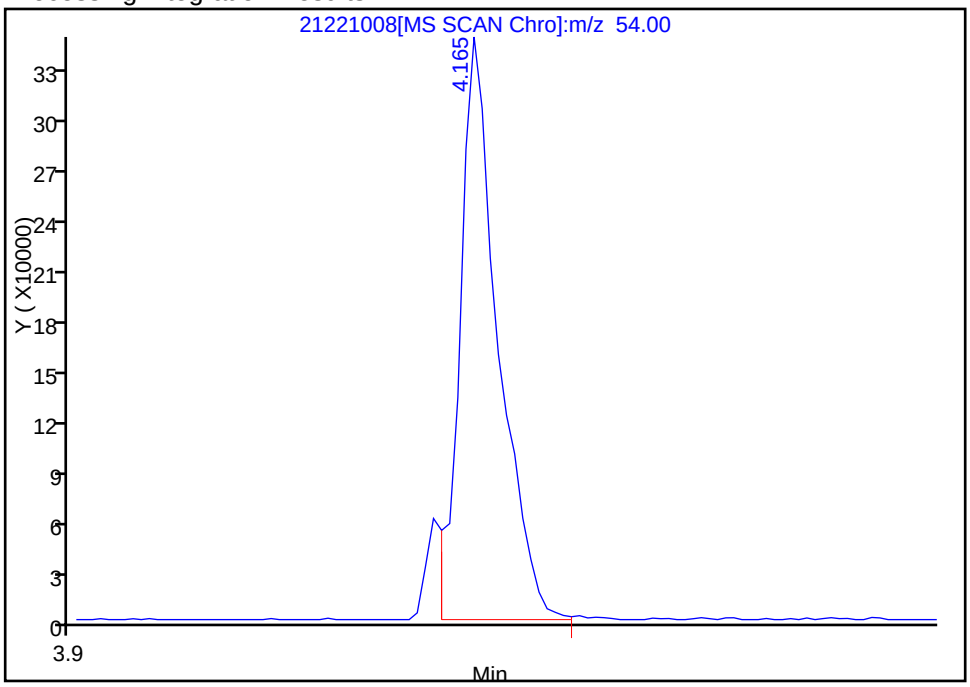
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221008.D		
Injection Date:	21-Dec-2012 16:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.17

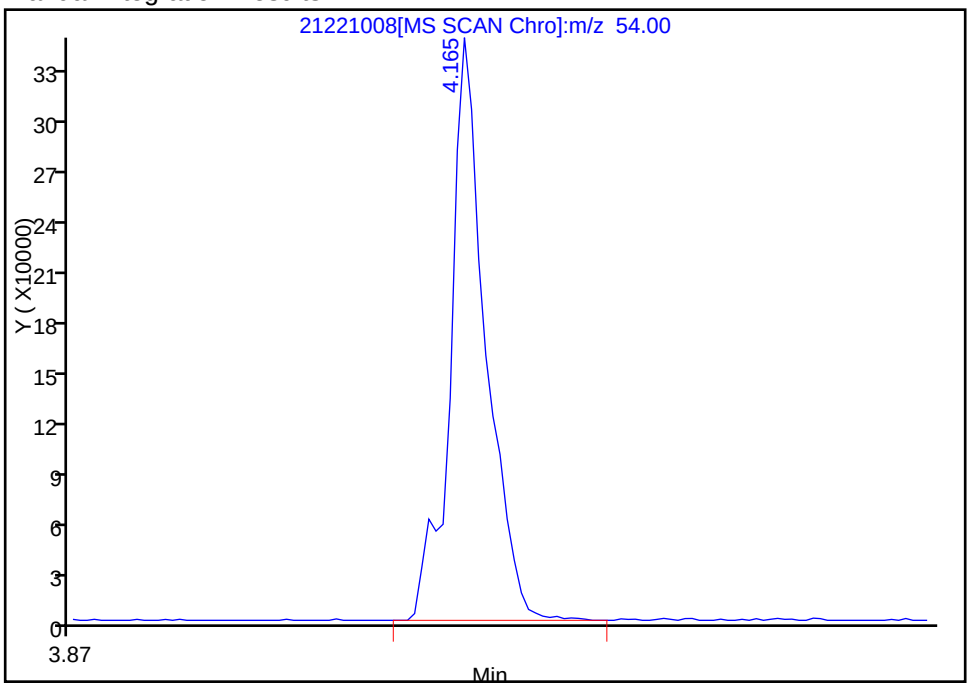
Processing Integration Results

RT: 4.17
Response: 605937
Amount: 20.790616



Manual Integration Results

RT: 4.17
Response: 638544
Amount: 21.422707



Reviewer: ulmanm, 22-Dec-2012 10:23:54
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221009.D
Lims ID: std7 tcl
Client ID:
Inject. Date: 21-Dec-2012 16:34:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 7
Sample ID: 240-0016106-009
Misc. Info.: STD7 TCL =STD7 TCL
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 9
Lims Batch ID: 69820
Lims Sample ID: 9
Sublist: chrom-8270 _9*sub13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\8270 _9.m
Last Update: 22-Dec-2012 11:07:45
Calib Date: 21-Dec-2012 20:45:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK002

First Level Reviewer: ulmanm
Date: 22-Dec-2012 10:26:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.012	6.014	-0.002	96	137500	4.00	
* 2 Naphthalene-d8	136	7.123	7.120	0.003	99	538551	4.00	
* 3 Acenaphthene-d10	164	8.619	8.615	0.004	75	323120	4.00	
* 4 Phenanthrene-d10	188	9.885	9.882	0.003	98	585839	4.00	
* 5 Chrysene-d12	240	12.497	12.494	0.003	73	578413	4.00	
* 6 Perylene-d12	264	14.623	14.625	-0.002	81	457258	4.00	
$ 7 2-Fluorophenol	112	4.783	4.785	-0.002	93	722739	15.7	
$ 8 Phenol-d5	99	5.648	5.651	-0.003	0	1040637	15.3	
$ 9 Nitrobenzene-d5	82	6.492	6.495	-0.003	83	1350328	16.4	
$ 10 2-Fluorobiphenyl (Surr)	172	8.026	8.028	-0.002	99	1981695	15.3	
$ 11 2,4,6-Tribromophenol	330	9.286	9.283	0.003	85	179826	15.2	
$ 12 Terphenyl-d14	244	11.258	11.260	-0.002	98	2039332	15.6	
25 1,4-Dioxane	88	2.726	2.728	-0.002	89	369225	15.4	M
26 N-Nitrosodimethylamine	74	3.196	3.193	0.003	86	566250	15.6	M
27 Pyridine	79	3.244	3.252	-0.008	93	1000968	15.5	M
28 Ethyl methacrylate	69	3.816	3.818	-0.002	85	852150	15.3	M
29 3-Chloropropionitrile	54	4.163	4.165	-0.002	86	490777	15.6	M
33 Malononitrile	66	4.484	4.481	0.003	94	1165496	16.3	
41 Benzaldehyde	77	5.622	5.624	-0.002	88	872171	14.6	
43 Phenol	94	5.664	5.661	0.003	90	1154616	15.1	
44 Aniline	93	5.712	5.715	-0.003	95	1470557	15.4	
69 Bis(2-chloroethyl)ether	93	5.766	5.763	0.003	97	1092495	15.0	
46 2-Chlorophenol	128	5.819	5.821	-0.002	91	700276	15.2	
47 1,3-Dichlorobenzene	146	5.964	5.966	-0.002	91	871895	14.6	
48 1,4-Dichlorobenzene	146	6.028	6.030	-0.002	85	718184	14.8	
49 Benzyl alcohol	108	6.118	6.115	0.003	86	533374	15.7	
50 1,2-Dichlorobenzene	146	6.161	6.163	-0.002	86	845041	14.6	
51 2-Methylphenol	108	6.204	6.201	0.003	95	769882	15.3	
53 2,2'-oxybis[1-chloropropane]	45	6.236	6.238	-0.002	95	1106597	15.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.332	6.329	0.003	90	846717	16.1	
57 N-Nitrosodi-n-propylamine	70	6.348	6.350	-0.002	75	740260	15.6	
58 Acetophenone	105	6.359	6.356	0.003	83	1172265	15.2	
61 Hexachloroethane	117	6.466	6.463	0.003	89	398156	15.6	
62 Nitrobenzene	77	6.508	6.511	-0.003	75	1315388	15.2	
64 Isophorone	82	6.711	6.708	0.003	95	2093949	15.9	
66 2-Nitrophenol	139	6.786	6.783	0.003	88	352910	14.5	
65 2,4-Dimethylphenol	107	6.797	6.794	0.003	97	888223	15.5	
67 1,3,5-Trichlorobenzene	180	6.797	6.794	0.003	83	784545	14.9	
71 Benzoic acid	122	6.866	6.831	0.035	84	973141	29.5	M
70 Bis(2-chloroethoxy)methane	93	6.882	6.885	-0.003	92	1381309	15.4	
73 2,4-Dichlorophenol	162	6.984	6.981	0.003	93	564027	16.1	
74 1,2,4-Trichlorobenzene	180	7.064	7.066	-0.002	84	757121	14.7	
75 Naphthalene	128	7.139	7.141	-0.002	98	2166110	15.3	
76 4-Chloroaniline	127	7.171	7.168	0.003	81	909266	16.1	
79 Hexachlorobutadiene	225	7.235	7.237	-0.002	88	423847	14.9	
80 1,2,3-Trichlorobenzene	180	7.262	7.259	0.003	84	696887	0	
84 Caprolactam	113	7.459	7.445	0.014	77	237062	14.6	
86 4-Chloro-3-methylphenol	107	7.561	7.558	0.003	85	752386	15.9	
87 2-Methylnaphthalene	142	7.726	7.729	-0.003	86	1415002	15.1	
88 1-Methylnaphthalene	142	7.812	7.814	-0.002	81	1317955	15.0	
89 Hexachlorocyclopentadiene	237	7.855	7.857	-0.002	71	505738	16.1	
90 1,2,3,5-Tetrachlorobenzene	216	7.855	7.857	-0.002	88	783754	14.6	
92 2,4,6-Trichlorophenol	196	7.956	7.953	0.003	90	415081	15.3	
93 2,4,5-Trichlorophenol	196	7.983	7.985	-0.002	90	458891	15.8	
97 2,4-Toluene diamine	121	8.100	8.097	0.003	97	349462	13.3	
99 1,2,3,4 -Tetrachlorobenzene	216	8.111	8.113	-0.002	87	762447	0	
98 1,1'-Biphenyl	154	8.116	8.119	-0.003	94	1792447	14.8	
100 2-Chloronaphthalene	162	8.143	8.145	-0.002	97	1577267	14.8	
102 2-Nitroaniline	65	8.213	8.215	-0.002	73	556286	14.9	
105 Dimethyl phthalate	163	8.357	8.354	0.003	96	1503708	15.7	
107 2,6-Dinitrotoluene	165	8.416	8.412	0.004	83	413430	15.2	
108 1,2-Dinitrobenzene	168	8.464	8.461	0.004	82	209765	15.9	
109 Acenaphthylene	152	8.501	8.498	0.003	95	2384363	15.6	
110 3-Nitroaniline	138	8.560	8.562	-0.002	86	377722	16.5	
112 Acenaphthene	153	8.645	8.647	-0.002	88	1435034	14.7	
111 2,4-Dinitrophenol	184	8.645	8.647	-0.002	67	489548	30.3	
113 4-Nitrophenol	109	8.672	8.669	0.003	87	267794	15.1	
114 2,4-Dinitrotoluene	165	8.758	8.754	0.004	81	527251	14.8	
116 Dibenzofuran	168	8.790	8.792	-0.002	86	2025568	14.9	
118 2,3,5,6-Tetrachlorophenol	232	8.848	8.845	0.003	89	396179	15.9	
121 Diethyl phthalate	149	8.950	8.947	0.003	96	1616541	15.8	
123 4-Chlorophenyl phenyl ether	204	9.067	9.070	-0.003	93	979680	15.3	
125 4-Nitroaniline	138	9.078	9.075	0.003	77	424072	15.1	
126 Fluorene	166	9.083	9.080	0.003	81	1572145	15.2	
128 4,6-Dinitro-2-methylphenol	198	9.099	9.102	-0.003	76	283932	14.5	
131 N-Nitrosodiphenylamine	169	9.164	9.160	0.004	98	1246733	15.4	
132 1,2-Diphenylhydrazine	77	9.201	9.203	-0.002	100	2597690	15.8	
133 Azobenzene	77	9.201	9.203	-0.002	94	2597690	15.8	
139 4-Bromophenyl phenyl ether	248	9.484	9.486	-0.002	70	517906	14.8	
141 Hexachlorobenzene	284	9.548	9.550	-0.002	80	487626	14.5	
142 Atrazine	200	9.596	9.593	0.003	85	327770	14.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.708	9.705	0.003	84	632837	29.1	
148 Phenanthrene	178	9.906	9.903	0.003	97	2390933	14.7	
149 Anthracene	178	9.949	9.951	-0.002	87	2488688	15.5	
151 Carbazole	167	10.072	10.068	0.004	81	2345565	15.9	
154 Di-n-butyl phthalate	149	10.328	10.325	0.003	100	2958480	16.3	
159 Fluoranthene	202	10.921	10.923	-0.002	98	2815484	15.7	
160 Benzidine	184	11.017	11.019	-0.002	99	1174469	15.2	
161 Pyrene	202	11.140	11.142	-0.002	95	2886203	15.3	
168 Butyl benzyl phthalate	149	11.749	11.751	-0.002	92	1180597	16.2	
172 3,3'-Dimethoxybenzidine	244	12.379	12.376	0.003	85	673469	15.2	
175 3,3'-Dichlorobenzidine	252	12.422	12.424	-0.002	72	982024	16.7	
174 4,4'-Methylene bis(2-chloroanili	231	12.422	12.424	-0.002	72	510242	15.2	
173 Bis(2-ethylhexyl) phthalate	149	12.438	12.446	-0.008	96	1749846	16.4	
177 Benzo[a]anthracene	228	12.481	12.478	0.003	83	2645907	15.1	
178 Chrysene	228	12.529	12.531	-0.002	88	2421418	14.9	
180 Di-n-octyl phthalate	149	13.373	13.375	-0.002	100	2840802	15.0	
182 Benzo[b]fluoranthene	252	14.025	14.027	-0.002	80	2367233	15.5	
183 Benzo[k]fluoranthene	252	14.073	14.070	0.003	90	2564413	16.6	
184 Benzo[a]pyrene	252	14.538	14.535	0.004	77	2252272	16.2	
188 Indeno[1,2,3-cd]pyrene	276	16.338	16.335	0.003	78	2461406	16.0	
189 Dibenz(a,h)anthracene	278	16.365	16.362	0.003	62	1892777	15.9	
190 Benzo[g,h,i]perylene	276	16.813	16.805	0.008	80	2038609	15.1	
S 191 Methyl Phenols,Total	100				0		31.4	

QC Flag Legend

Review Flags
M - Manually Integrated

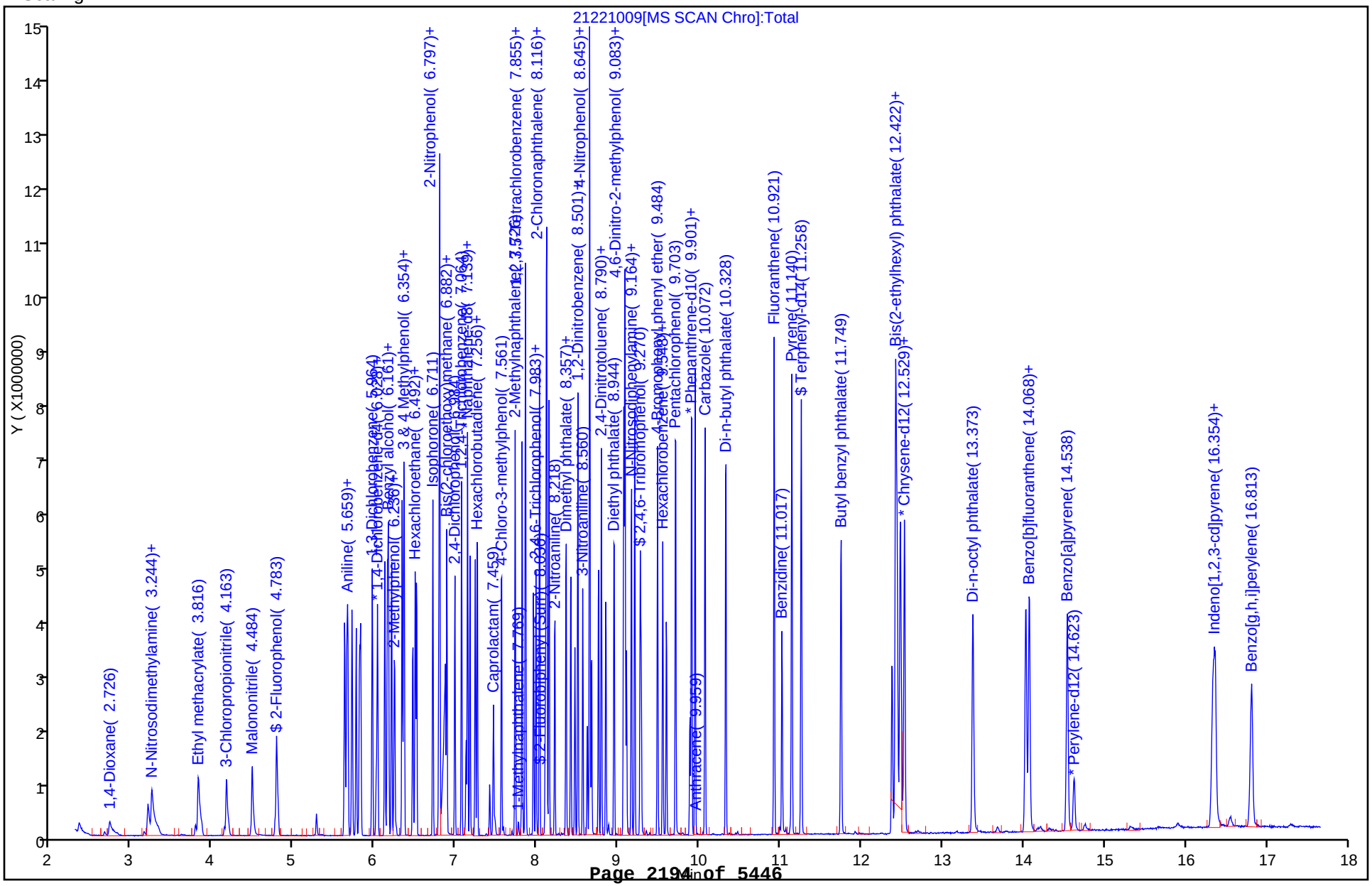
Report Date: 22-Dec-2012 11:07:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221009.D

Injection Date:	21-Dec-2012 16:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

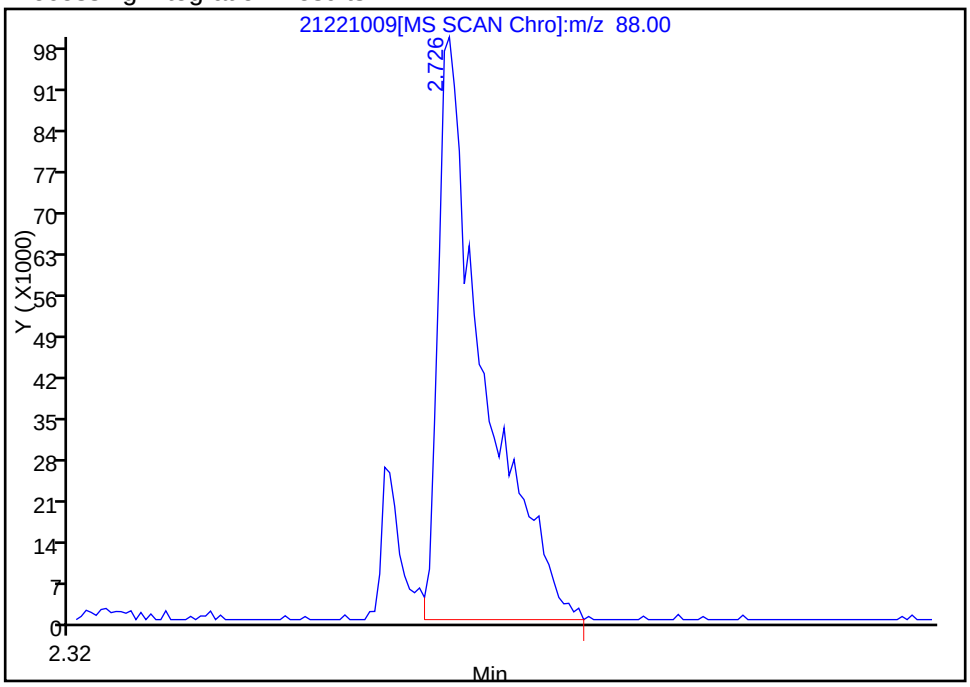
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221009.D		
Injection Date:	21-Dec-2012 16:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.73

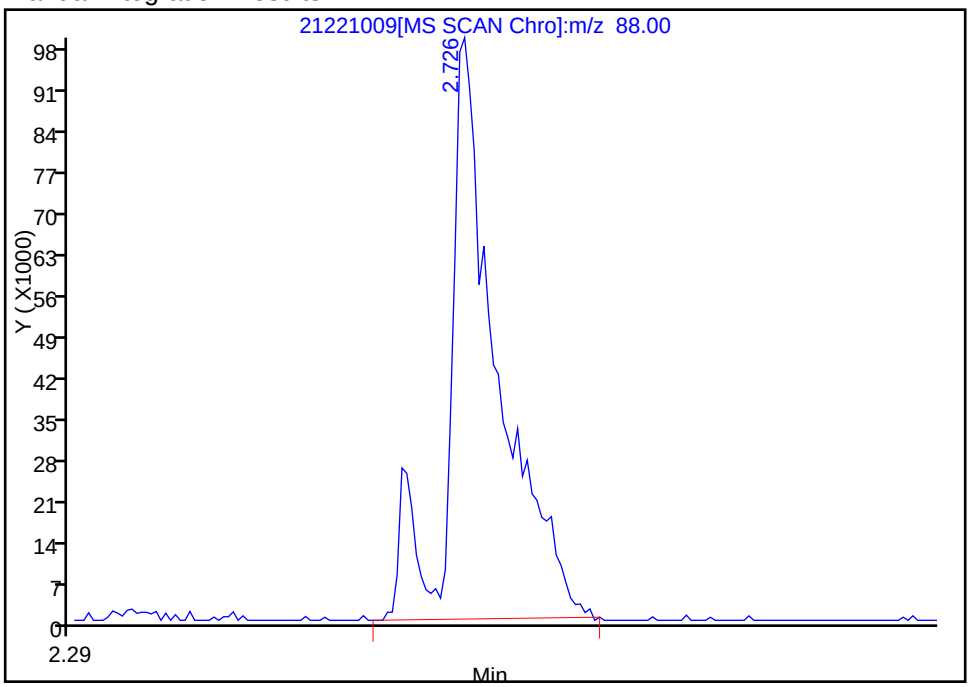
Processing Integration Results

RT: 2.73
Response: 336299
Amount: 14.591396



Manual Integration Results

RT: 2.73
Response: 369225
Amount: 15.403639



Reviewer: ulmanm, 22-Dec-2012 10:26:14
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

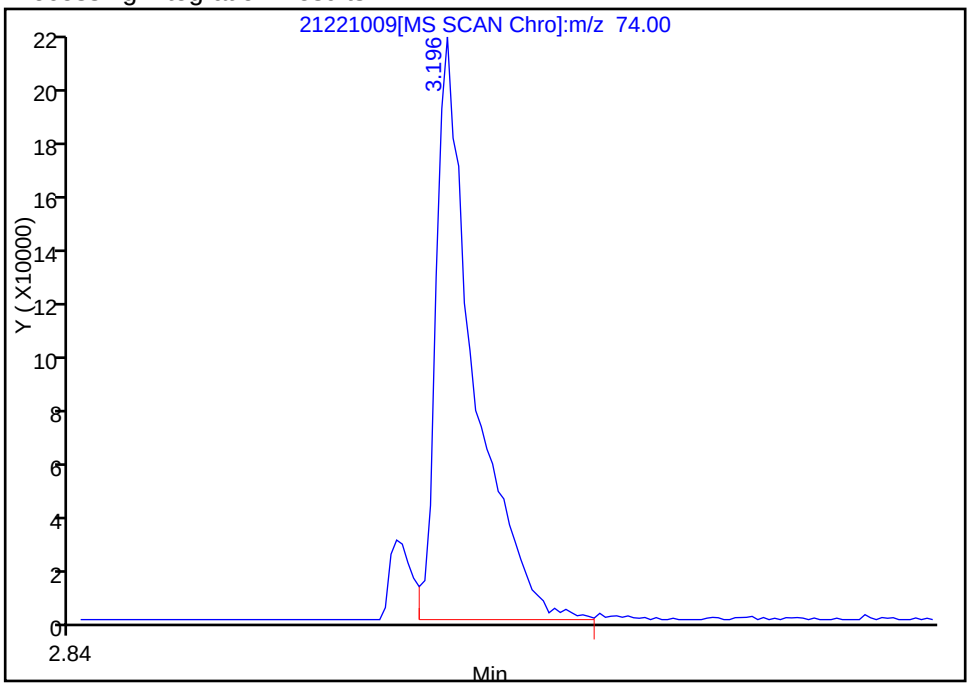
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221009.D		
Injection Date:	21-Dec-2012 16:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.19

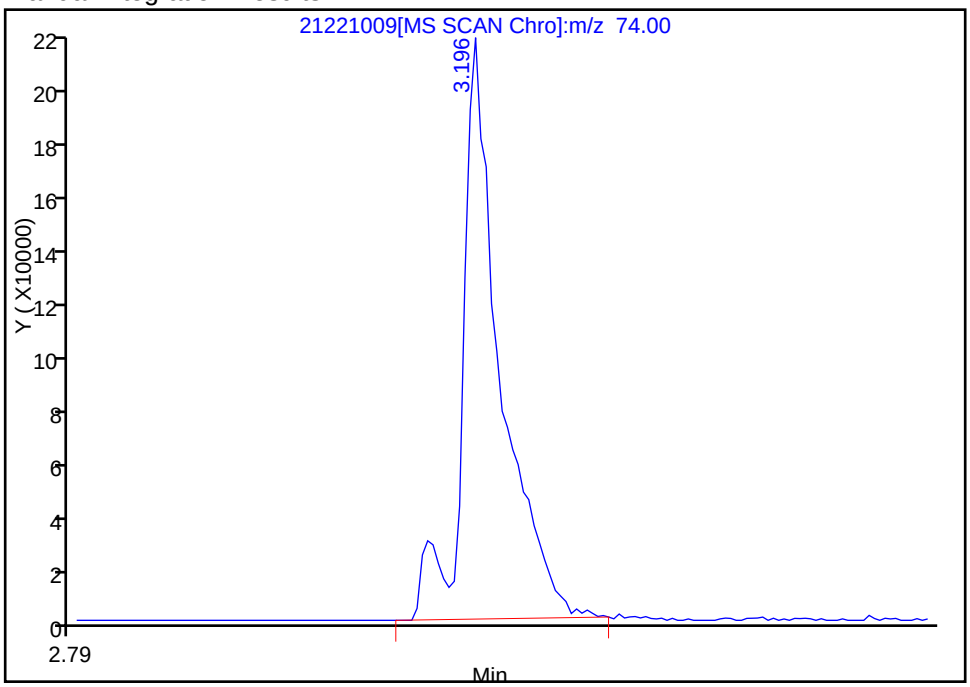
Processing Integration Results

RT: 3.20
Response: 535367
Amount: 15.024177



Manual Integration Results

RT: 3.20
Response: 566250
Amount: 15.582772



Reviewer: ulmanm, 22-Dec-2012 10:26:14
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

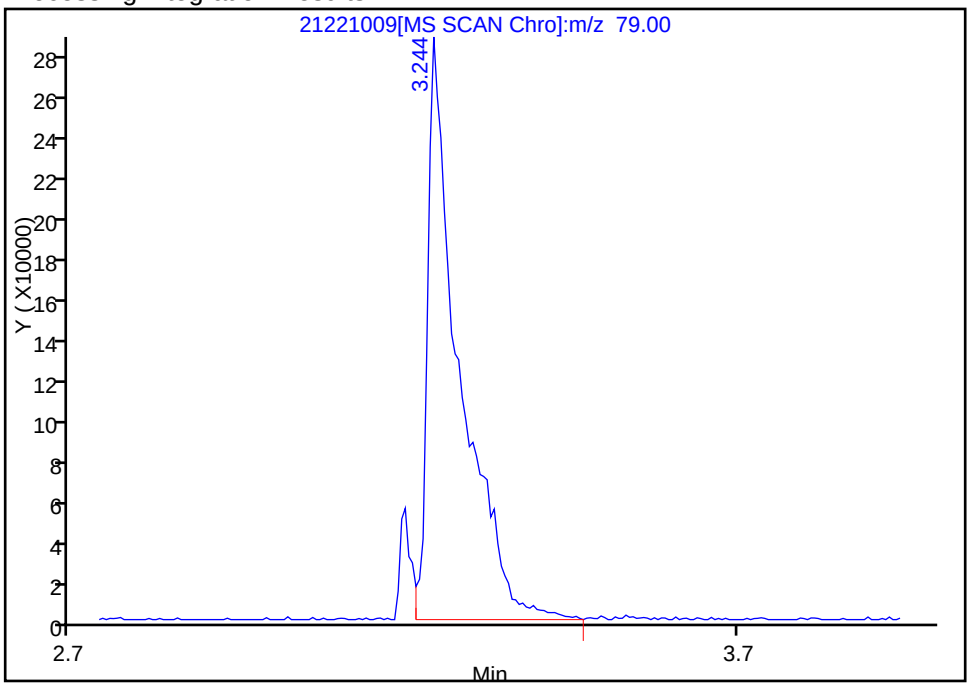
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221009.D		
Injection Date:	21-Dec-2012 16:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.25

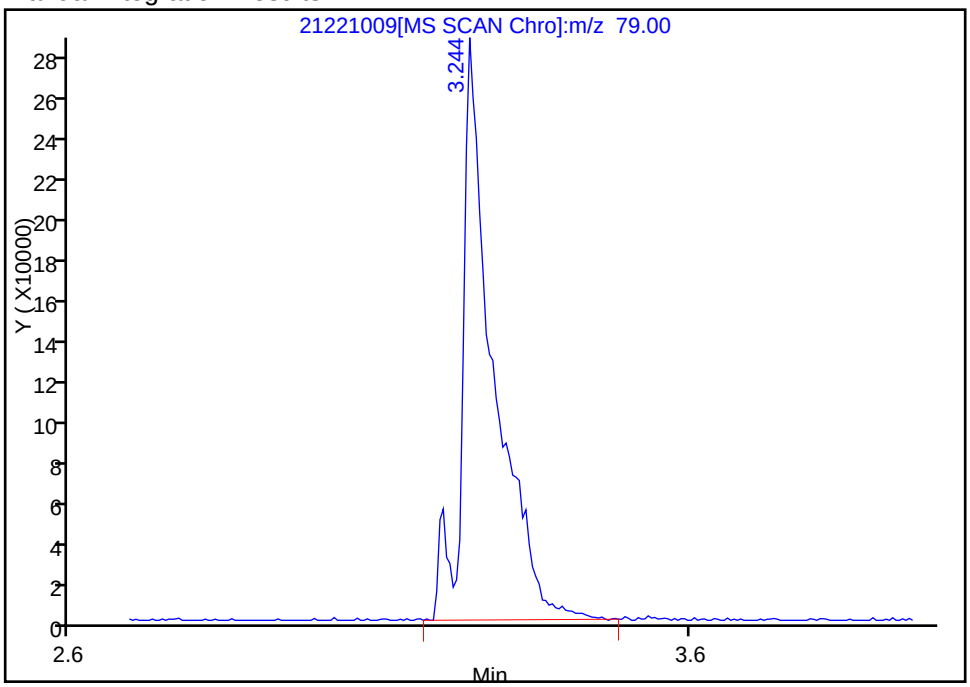
Processing Integration Results

RT: 3.24
Response: 948586
Amount: 14.841841



Manual Integration Results

RT: 3.24
Response: 1000968
Amount: 15.464771



Reviewer: ulmanm, 22-Dec-2012 10:26:14
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

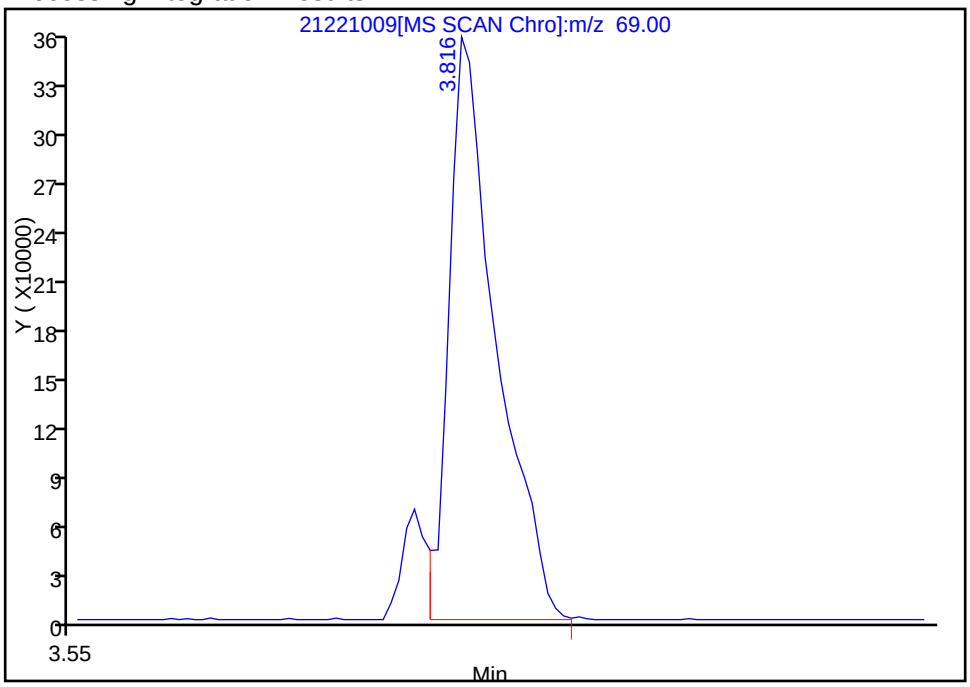
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221009.D		
Injection Date:	21-Dec-2012 16:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

28 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.82

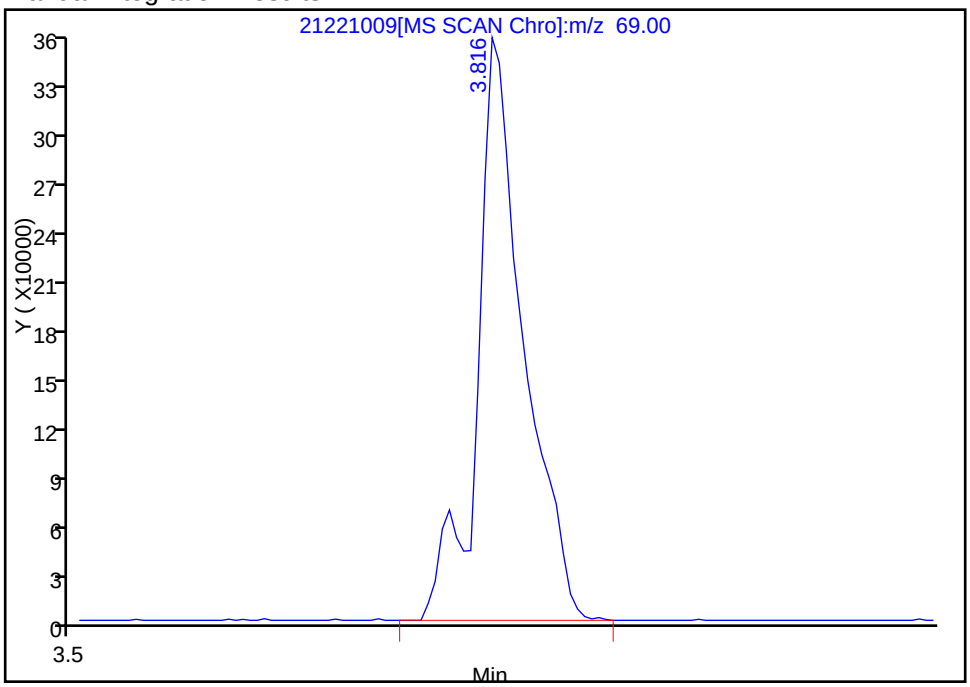
Processing Integration Results

RT: 3.82
Response: 785508
Amount: 14.378053



Manual Integration Results

RT: 3.82
Response: 852150
Amount: 15.280498



Reviewer: ulmanm, 22-Dec-2012 10:26:14
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

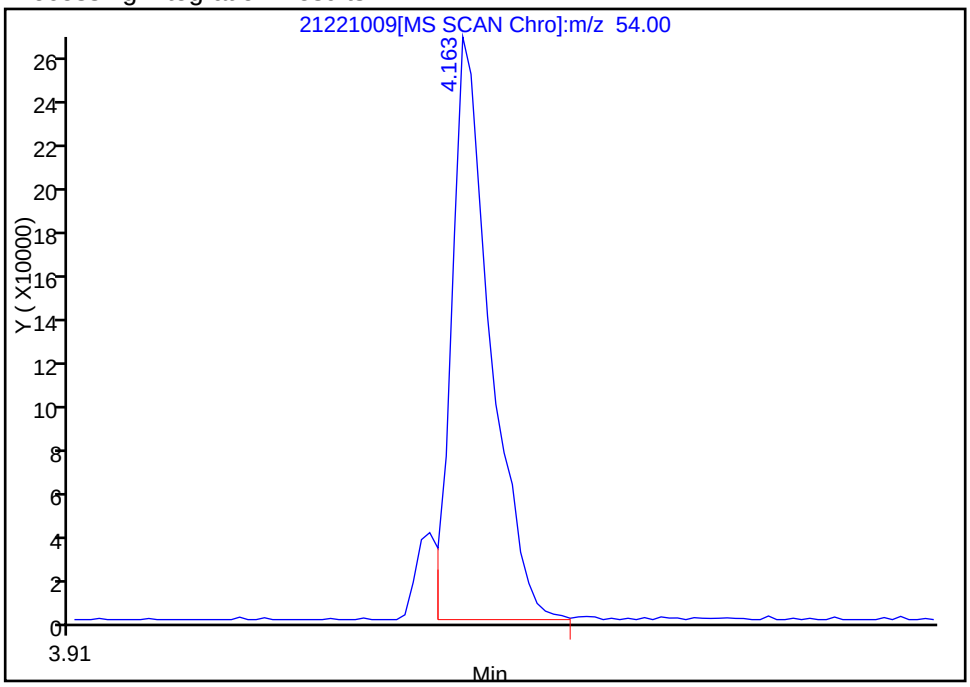
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221009.D		
Injection Date:	21-Dec-2012 16:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.17

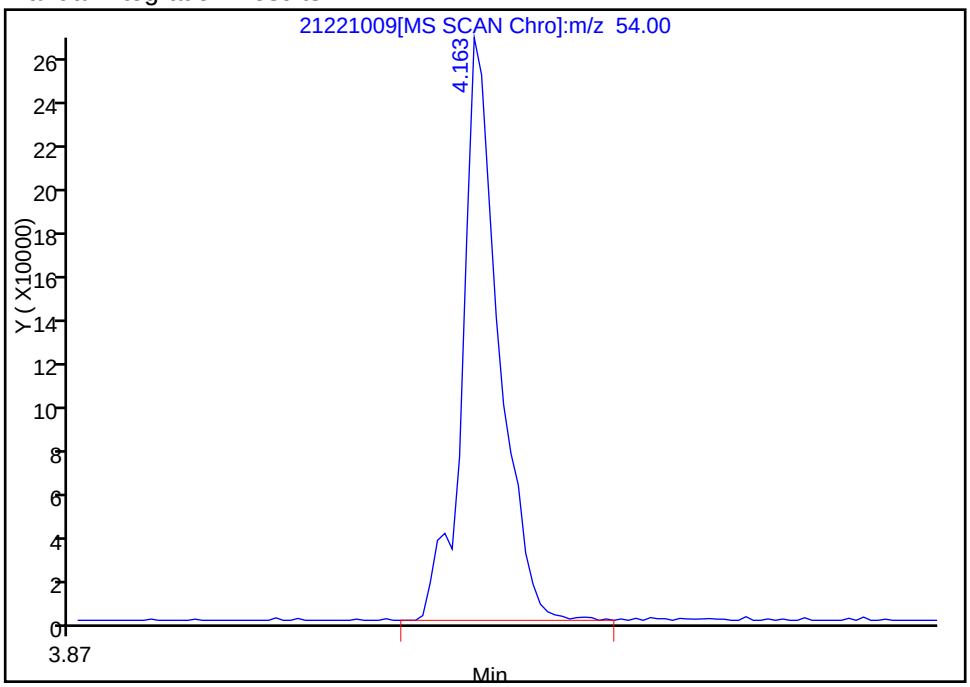
Processing Integration Results

RT: 4.16
Response: 458636
Amount: 14.818358



Manual Integration Results

RT: 4.16
Response: 490777
Amount: 15.612987



Reviewer: ulmanm, 22-Dec-2012 10:26:14
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

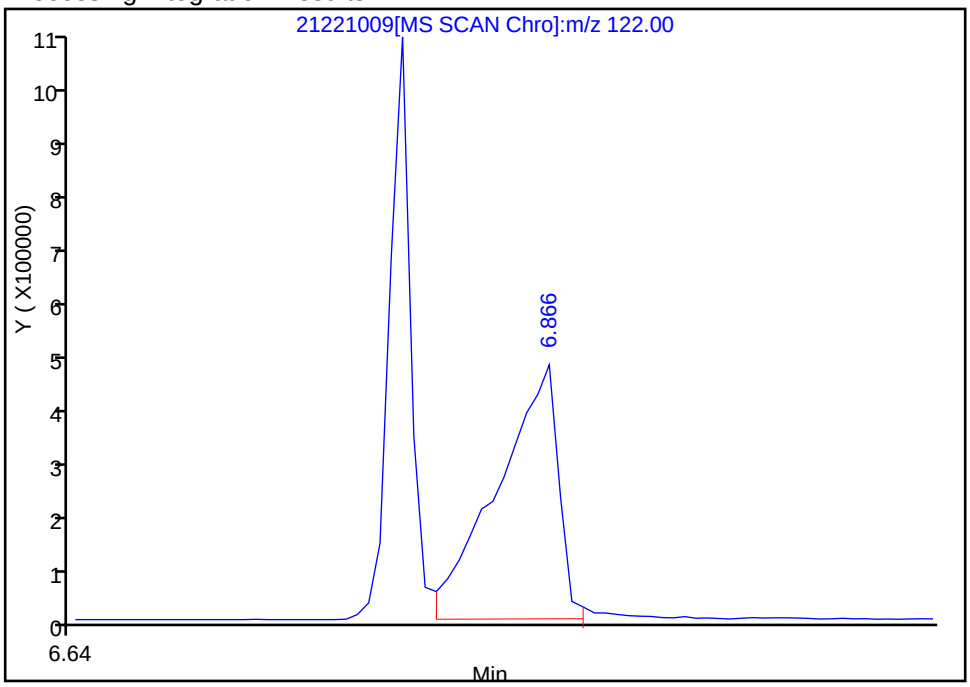
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221009.D		
Injection Date:	21-Dec-2012 16:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.83

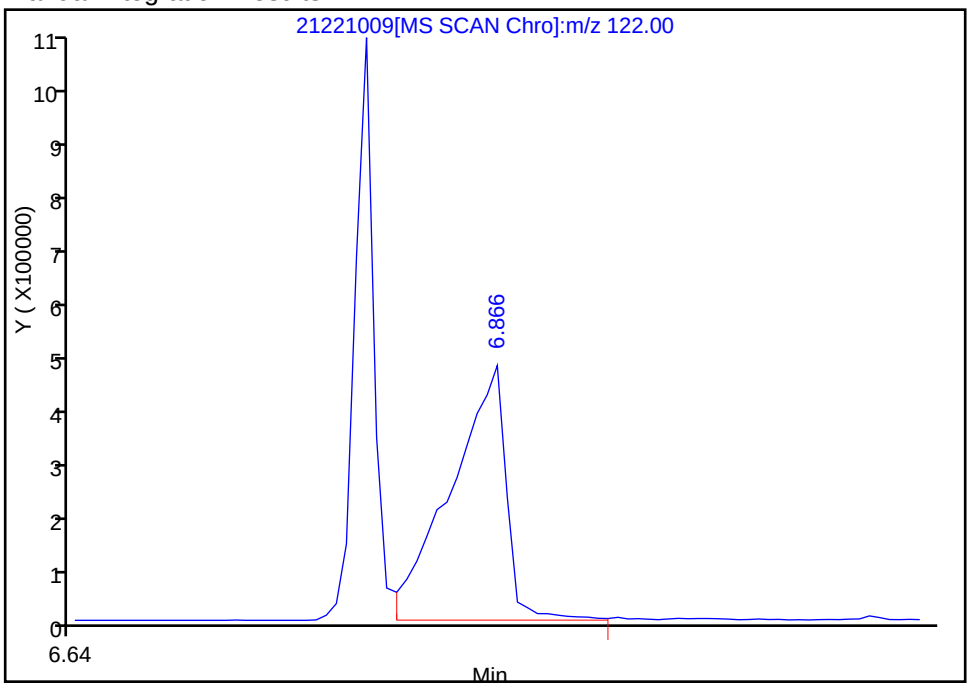
Processing Integration Results

RT: 6.87
Response: 950654
Amount: 29.114216



Manual Integration Results

RT: 6.87
Response: 973141
Amount: 29.475640



Reviewer: ulmanm, 22-Dec-2012 10:26:14
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221010.D		
Lims ID:	std6 tcl	Client ID:	
Inject. Date:	21-Dec-2012 16:59:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	6
Sample ID:	240-0016106-010		
Misc. Info.:	STD6 TCL =STD6 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	69820	Lims Sample ID:	10
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\8270 _9.m		
Last Update:	22-Dec-2012 11:07:48	Calib Date:	21-Dec-2012 20:45:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK002		
First Level Reviewer: ulmanm		Date:	22-Dec-2012 10:33:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.011	6.011	0.0	96	133456	4.00	
* 2 Naphthalene-d8	136	7.123	7.123	0.0	98	536422	4.00	
* 3 Acenaphthene-d10	164	8.618	8.618	0.0	84	310953	4.00	
* 4 Phenanthrene-d10	188	9.885	9.885	0.0	98	564330	4.00	
* 5 Chrysene-d12	240	12.497	12.497	0.0	78	563045	4.00	
* 6 Perylene-d12	264	14.618	14.618	0.0	91	442207	4.00	
$ 7 2-Fluorophenol	112	4.783	4.783	0.0	93	462695	10.3	
$ 8 Phenol-d5	99	5.648	5.648	0.0	0	653763	9.90	
$ 9 Nitrobenzene-d5	82	6.492	6.492	0.0	84	813017	9.92	
$ 10 2-Fluorobiphenyl (Surr)	172	8.025	8.025	0.0	99	1248352	10.0	
$ 11 2,4,6-Tribromophenol	330	9.286	9.286	0.0	85	110397	10.1	
$ 12 Terphenyl-d14	244	11.257	11.257	0.0	97	1222121	9.59	
25 1,4-Dioxane	88	2.726	2.726	0.0	86	240201	10.3	M
26 N-Nitrosodimethylamine	74	3.196	3.196	0.0	86	370524	10.5	M
27 Pyridine	79	3.250	3.250	0.0	94	619643	9.86	M
28 Ethyl methacrylate	69	3.816	3.816	0.0	85	536459	9.91	M
29 3-Chloropropionitrile	54	4.163	4.163	0.0	85	312672	10.2	M
33 Malononitrile	66	4.484	4.484	0.0	93	741659	10.7	
41 Benzaldehyde	77	5.621	5.621	0.0	86	590718	10.2	
43 Phenol	94	5.664	5.664	0.0	92	748715	10.1	
44 Aniline	93	5.712	5.712	0.0	95	926371	10.0	
69 Bis(2-chloroethyl)ether	93	5.766	5.766	0.0	98	697550	9.89	
46 2-Chlorophenol	128	5.819	5.819	0.0	92	447396	9.98	
47 1,3-Dichlorobenzene	146	5.963	5.963	0.0	90	550487	9.50	
48 1,4-Dichlorobenzene	146	6.027	6.027	0.0	87	459429	9.76	
49 Benzyl alcohol	108	6.118	6.118	0.0	86	332621	10.1	
50 1,2-Dichlorobenzene	146	6.166	6.166	0.0	90	540011	9.61	
51 2-Methylphenol	108	6.204	6.204	0.0	94	497774	10.2	
53 2,2'-oxybis[1-chloropropane]	45	6.236	6.236	0.0	97	679343	9.58	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.332	6.332	0.0	91	521877	10.2	
57 N-Nitrosodi-n-propylamine	70	6.348	6.348	0.0	75	472315	10.3	
58 Acetophenone	105	6.359	6.359	0.0	85	757406	10.1	
61 Hexachloroethane	117	6.466	6.466	0.0	89	260879	10.5	
62 Nitrobenzene	77	6.508	6.508	0.0	75	826301	9.60	
64 Isophorone	82	6.711	6.711	0.0	94	1272292	9.67	
66 2-Nitrophenol	139	6.786	6.786	0.0	88	226900	9.76	
65 2,4-Dimethylphenol	107	6.797	6.797	0.0	97	557819	9.77	
67 1,3,5-Trichlorobenzene	180	6.797	6.797	0.0	83	477195	9.12	
71 Benzoic acid	122	6.856	6.856	0.0	85	603895	19.4	
70 Bis(2-chloroethoxy)methane	93	6.882	6.882	0.0	97	846303	9.48	
73 2,4-Dichlorophenol	162	6.984	6.984	0.0	96	353165	10.1	
74 1,2,4-Trichlorobenzene	180	7.064	7.064	0.0	86	492123	9.62	
75 Naphthalene	128	7.139	7.139	0.0	98	1348137	9.54	
76 4-Chloroaniline	127	7.171	7.171	0.0	81	567603	10.1	
79 Hexachlorobutadiene	225	7.235	7.235	0.0	89	269765	9.50	
80 1,2,3-Trichlorobenzene	180	7.262	7.262	0.0	87	449939	0	
84 Caprolactam	113	7.454	7.454	0.0	79	156616	9.68	
86 4-Chloro-3-methylphenol	107	7.555	7.555	0.0	86	478799	10.2	
87 2-Methylnaphthalene	142	7.726	7.726	0.0	87	868364	9.31	
88 1-Methylnaphthalene	142	7.812	7.812	0.0	80	828016	9.46	
89 Hexachlorocyclopentadiene	237	7.854	7.854	0.0	62	300767	9.94	
90 1,2,3,5-Tetrachlorobenzene	216	7.854	7.854	0.0	90	514585	9.98	
92 2,4,6-Trichlorophenol	196	7.951	7.951	0.0	90	263552	10.1	
93 2,4,5-Trichlorophenol	196	7.983	7.983	0.0	91	284590	10.2	
97 2,4-Toluene diamine	121	8.095	8.095	0.0	95	240815	9.18	
99 1,2,3,4 -Tetrachlorobenzene	216	8.111	8.111	0.0	84	485622	0	
98 1,1'-Biphenyl	154	8.116	8.116	0.0	96	1130904	9.72	
100 2-Chloronaphthalene	162	8.143	8.143	0.0	97	995591	9.74	
102 2-Nitroaniline	65	8.212	8.212	0.0	73	344936	9.94	
105 Dimethyl phthalate	163	8.357	8.357	0.0	96	926589	10.1	
107 2,6-Dinitrotoluene	165	8.410	8.410	0.0	81	251687	9.91	
108 1,2-Dinitrobenzene	168	8.463	8.463	0.0	80	126941	10.0	
109 Acenaphthylene	152	8.501	8.501	0.0	92	1434166	9.73	
110 3-Nitroaniline	138	8.560	8.560	0.0	88	235569	10.7	
112 Acenaphthene	153	8.645	8.645	0.0	89	901947	9.61	
111 2,4-Dinitrophenol	184	8.645	8.645	0.0	70	298052	20.4	
113 4-Nitrophenol	109	8.666	8.666	0.0	85	168044	10.1	
114 2,4-Dinitrotoluene	165	8.752	8.752	0.0	78	338941	10.2	
116 Dibenzofuran	168	8.789	8.789	0.0	86	1244323	9.51	
118 2,3,5,6-Tetrachlorophenol	232	8.843	8.843	0.0	86	246330	10.3	
121 Diethyl phthalate	149	8.944	8.944	0.0	95	997672	10.1	
123 4-Chlorophenyl phenyl ether	204	9.067	9.067	0.0	93	600323	9.72	
125 4-Nitroaniline	138	9.078	9.078	0.0	82	257826	9.83	
126 Fluorene	166	9.083	9.083	0.0	76	965060	9.68	
128 4,6-Dinitro-2-methylphenol	198	9.099	9.099	0.0	77	178853	9.91	
131 N-Nitrosodiphenylamine	169	9.163	9.163	0.0	95	765390	9.85	
132 1,2-Diphenylhydrazine	77	9.201	9.201	0.0	99	1549535	9.78	
133 Azobenzene	77	9.201	9.201	0.0	94	1549535	9.78	
139 4-Bromophenyl phenyl ether	248	9.484	9.484	0.0	66	339852	10.1	
141 Hexachlorobenzene	284	9.548	9.548	0.0	78	302681	9.31	
142 Atrazine	200	9.591	9.591	0.0	86	210536	9.87	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.708	9.708	0.0	83	410269	19.8	
148 Phenanthrene	178	9.901	9.901	0.0	98	1447985	9.23	
149 Anthracene	178	9.949	9.949	0.0	87	1534802	9.91	
151 Carbazole	167	10.071	10.071	0.0	81	1379796	9.70	
154 Di-n-butyl phthalate	149	10.328	10.328	0.0	100	1742533	9.94	
159 Fluoranthene	202	10.921	10.921	0.0	99	1706909	9.87	
160 Benzidine	184	11.017	11.017	0.0	93	662791	9.08	
161 Pyrene	202	11.140	11.140	0.0	97	1782701	9.73	
168 Butyl benzyl phthalate	149	11.749	11.749	0.0	90	727579	10.2	
172 3,3'-Dimethoxybenzidine	244	12.374	12.374	0.0	84	357023	8.92	
175 3,3'-Dichlorobenzidine	252	12.422	12.422	0.0	74	586413	10.2	
174 4,4'-Methylene bis(2-chloroanili	231	12.422	12.422	0.0	72	308329	9.61	
173 Bis(2-ethylhexyl) phthalate	149	12.438	12.438	0.0	95	1040793	10.1	
177 Benzo[a]anthracene	228	12.475	12.475	0.0	88	1586836	9.57	
178 Chrysene	228	12.529	12.529	0.0	87	1498225	9.50	
180 Di-n-octyl phthalate	149	13.373	13.373	0.0	100	1652273	9.57	
182 Benzo[b]fluoranthene	252	14.025	14.025	0.0	79	1417002	9.61	
183 Benzo[k]fluoranthene	252	14.067	14.067	0.0	89	1504120	10.0	
184 Benzo[a]pyrene	252	14.537	14.537	0.0	74	1360238	10.1	
188 Indeno[1,2,3-cd]pyrene	276	16.327	16.327	0.0	77	1461810	9.84	
189 Dibenz(a,h)anthracene	278	16.365	16.365	0.0	62	1124740	9.78	
190 Benzo[g,h,i]perylene	276	16.808	16.808	0.0	78	1247035	9.86	
S 191 Methyl Phenols,Total	100				0		20.4	

QC Flag Legend

Review Flags
M - Manually Integrated

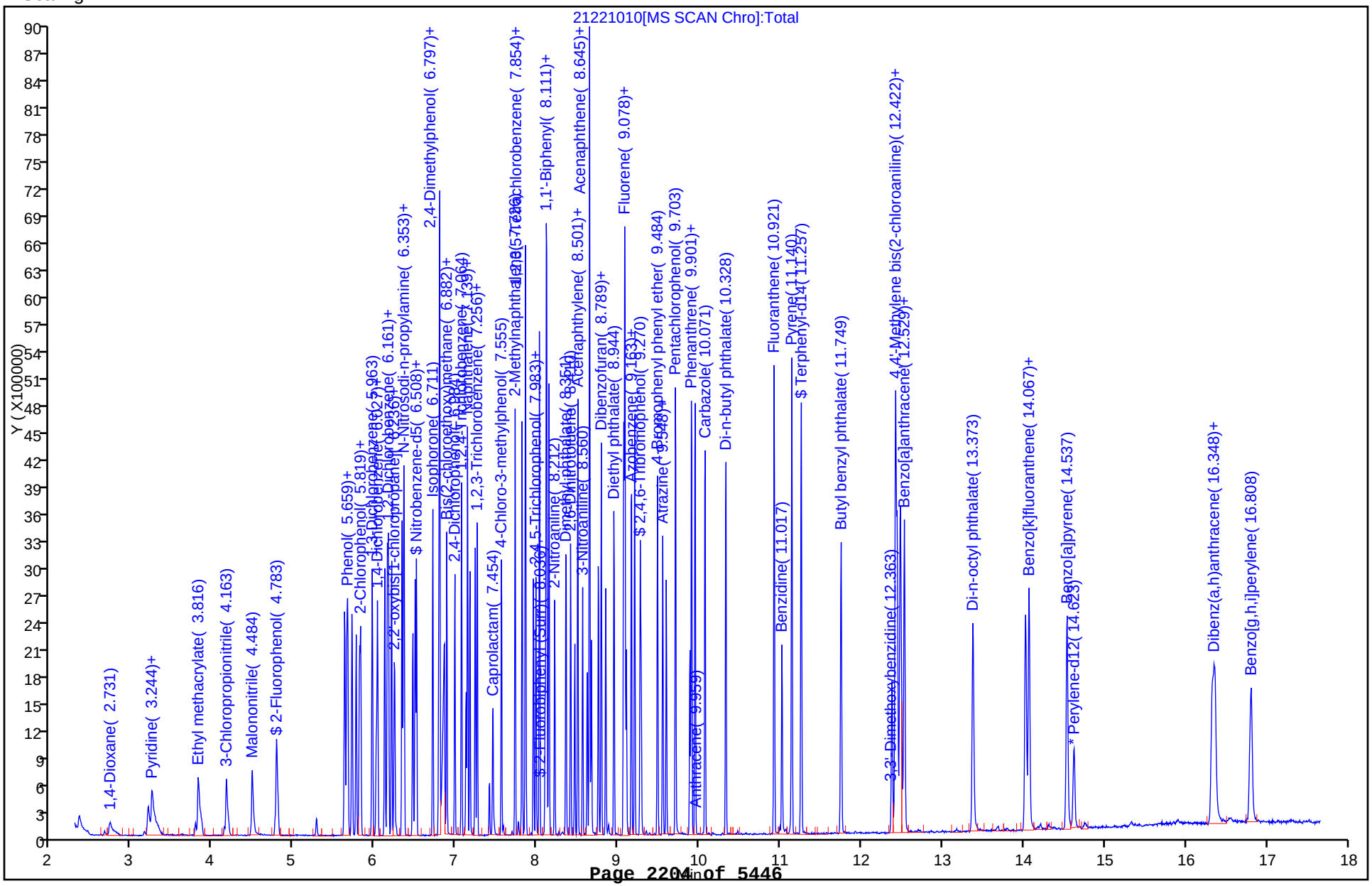
Report Date: 22-Dec-2012 11:07:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221010.D

Injection Date:	21-Dec-2012 16:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

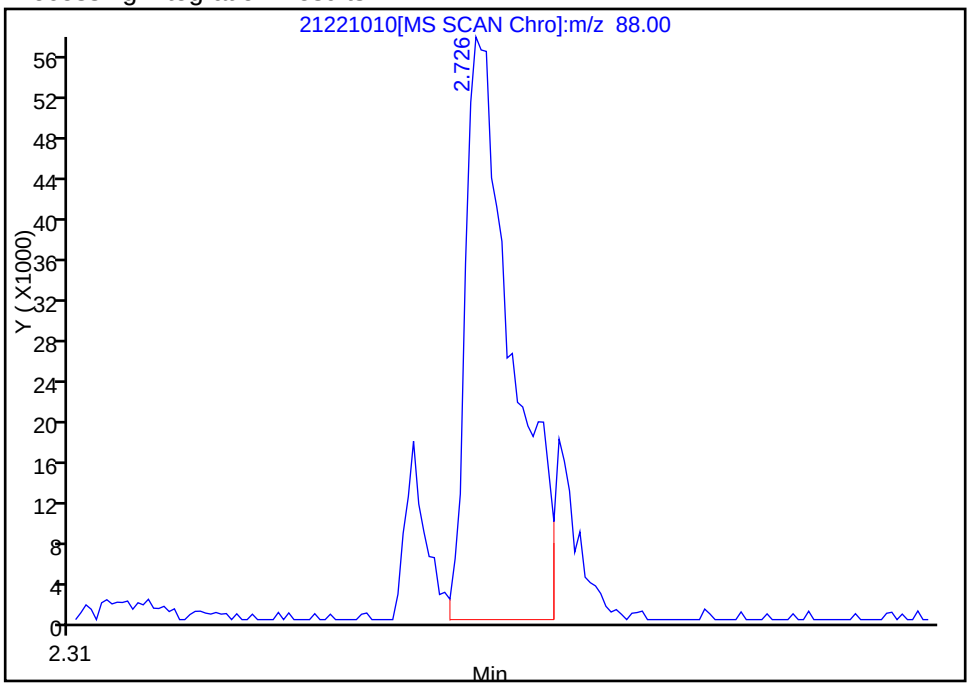
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221010.D		
Injection Date:	21-Dec-2012 16:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.73

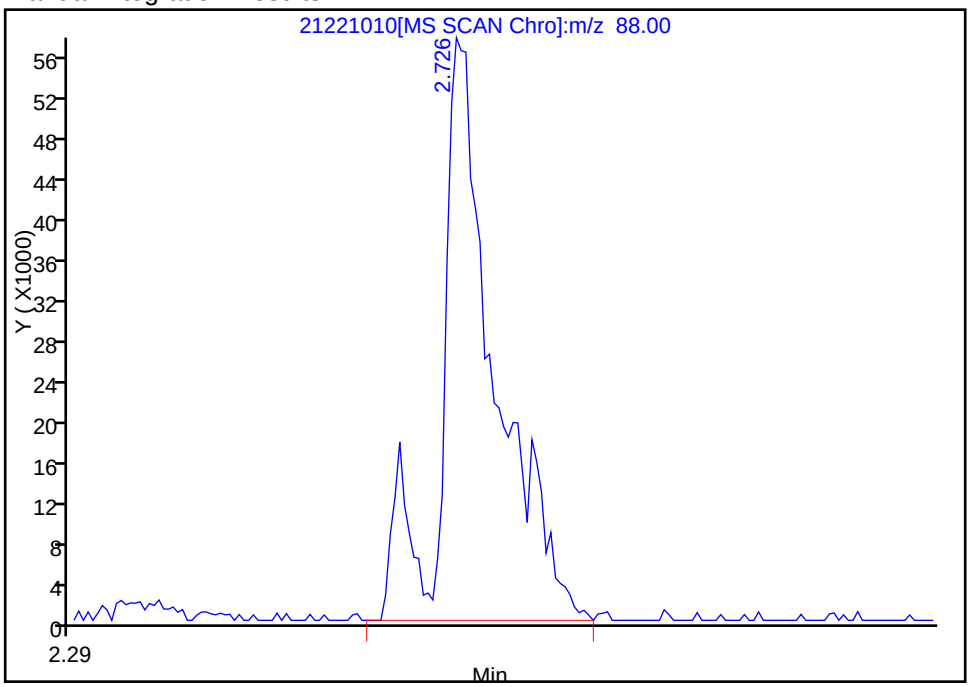
Processing Integration Results

RT: 2.73
Response: 189898
Amount: 8.389122



Manual Integration Results

RT: 2.73
Response: 240201
Amount: 10.324562



Reviewer: ulmanm, 22-Dec-2012 10:33:02
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

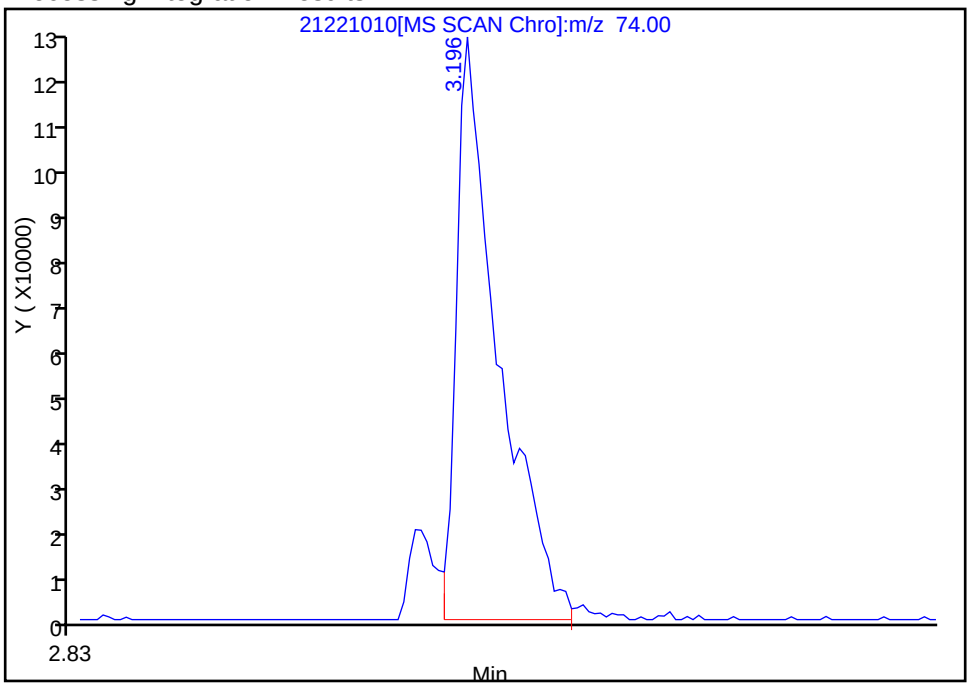
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221010.D		
Injection Date:	21-Dec-2012 16:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.20

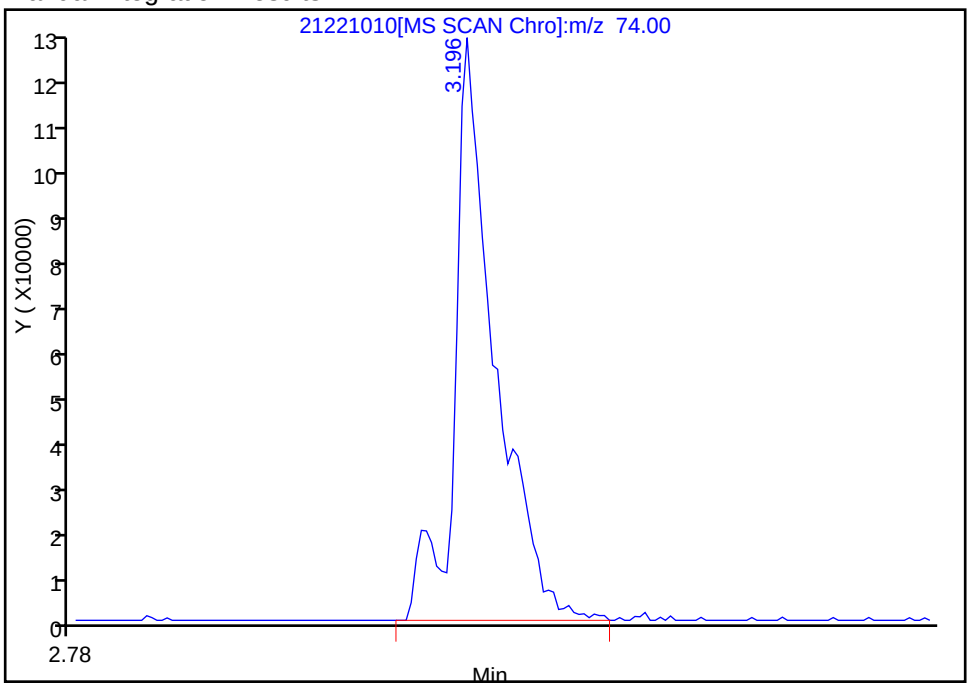
Processing Integration Results

RT: 3.20
Response: 335804
Amount: 9.639715



Manual Integration Results

RT: 3.20
Response: 370524
Amount: 10.505517



Reviewer: ulmanm, 22-Dec-2012 10:33:02
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

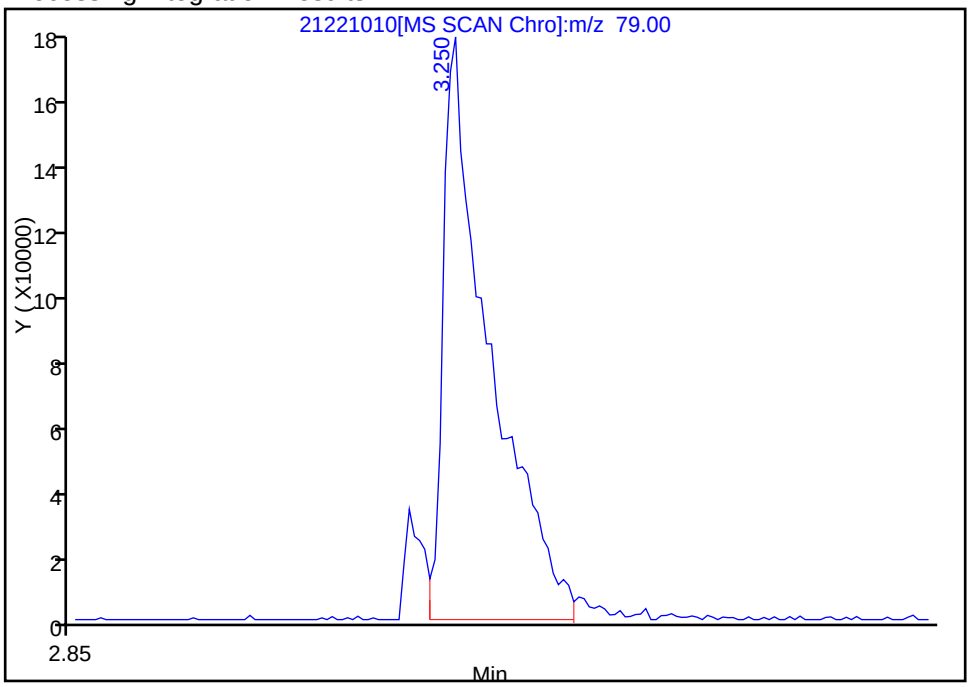
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221010.D		
Injection Date:	21-Dec-2012 16:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.25

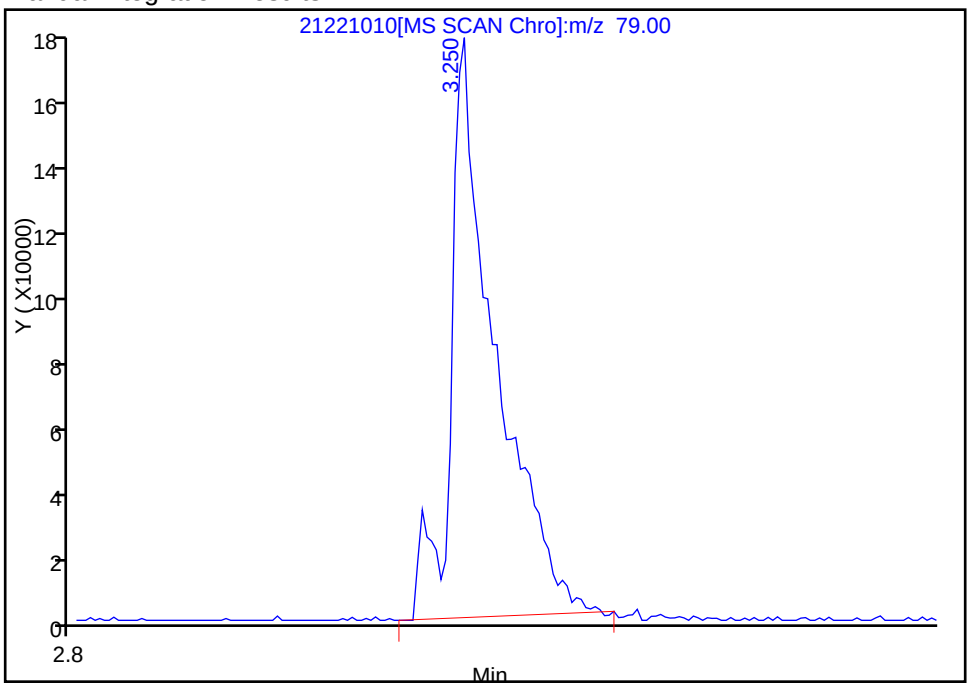
Processing Integration Results

RT: 3.25
Response: 590431
Amount: 9.453415



Manual Integration Results

RT: 3.25
Response: 619643
Amount: 9.863464



Reviewer: ulmanm, 22-Dec-2012 10:33:02
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

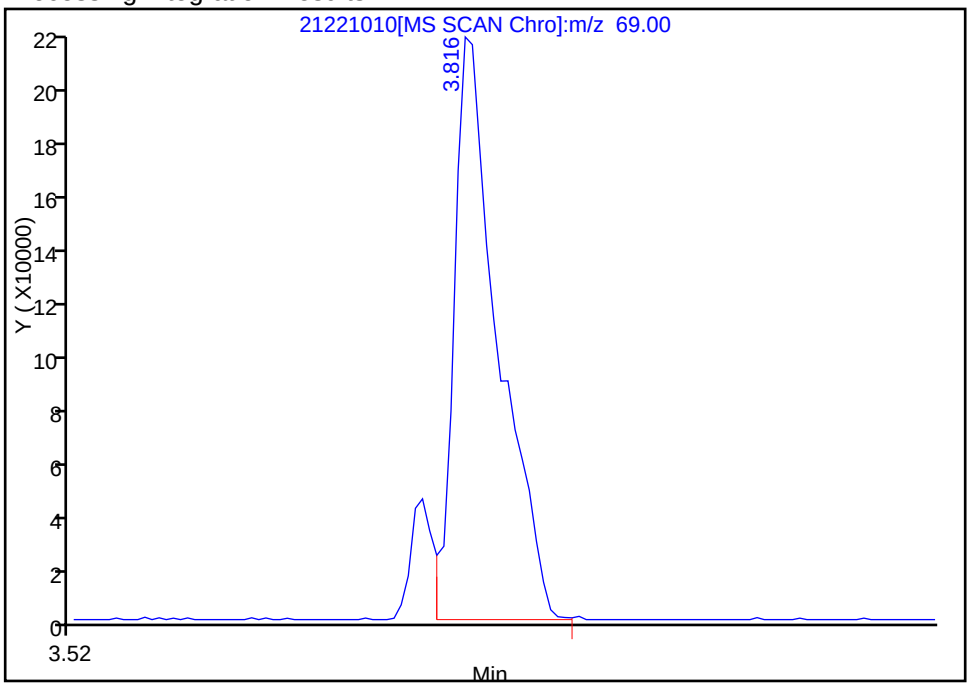
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221010.D		
Injection Date:	21-Dec-2012 16:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

28 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.82

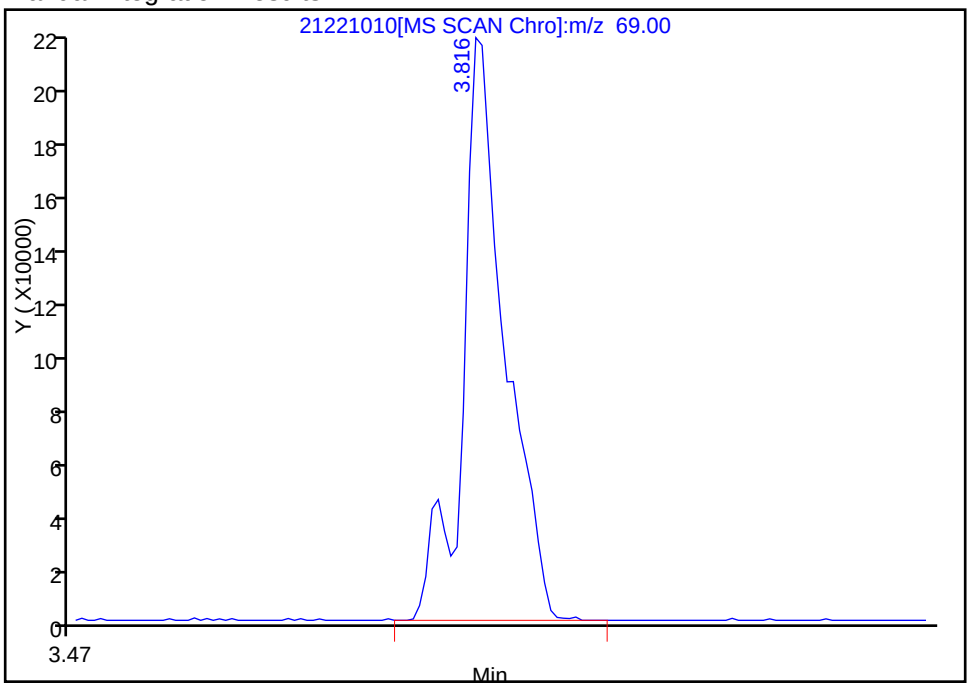
Processing Integration Results

RT: 3.82
Response: 491472
Amount: 9.175303



Manual Integration Results

RT: 3.82
Response: 536459
Amount: 9.911117



Reviewer: ulmanm, 22-Dec-2012 10:33:02
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

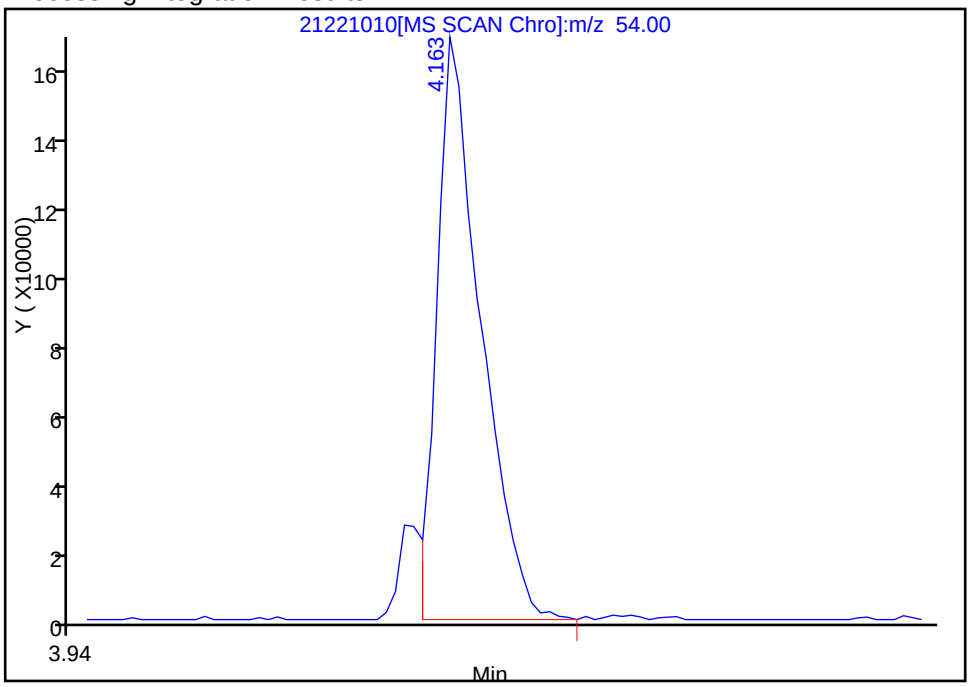
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221010.D		
Injection Date:	21-Dec-2012 16:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.16

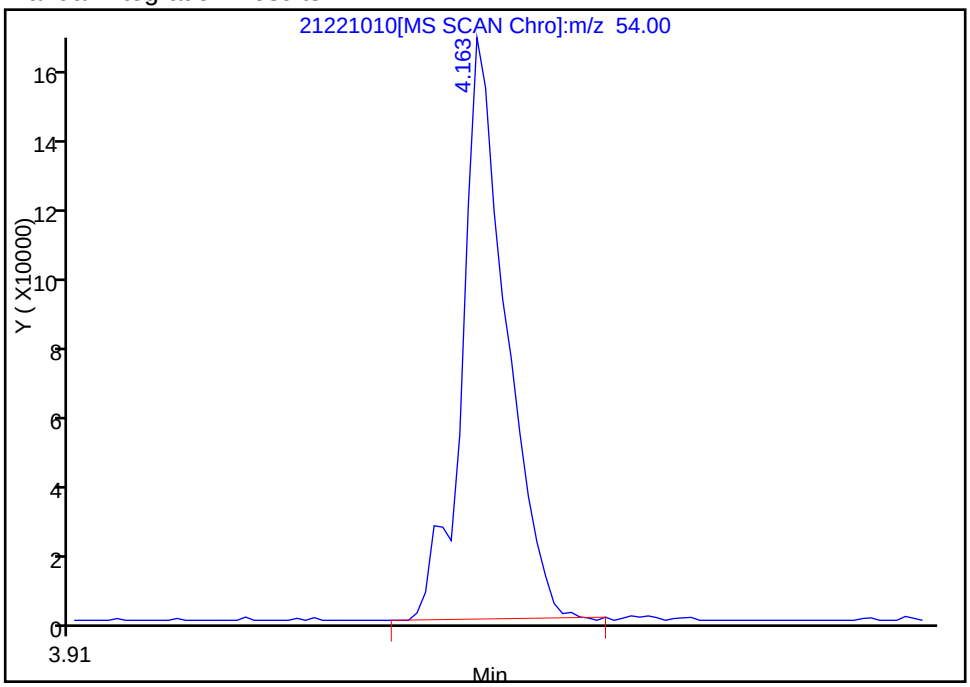
Processing Integration Results

RT: 4.16
Response: 295937
Amount: 9.766830



Manual Integration Results

RT: 4.16
Response: 312672
Amount: 10.248384



Reviewer: ulmanm, 22-Dec-2012 10:33:02
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-69576/12 Calibration Date: 12/20/2012 17:42

Instrument ID: A4HP7 Calib Start Date: 12/19/2012 18:38

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/19/2012 21:22

Lab File ID: 21220012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosopyrrolidine	Ave	0.5524	0.9525		17.2	10.0	72.4	
2,6-Dichlorophenol	Ave	0.2522	0.3770		14.9	10.0	49.5	
1,2,4,5-Tetrachlorobenzene	Ave	0.5166	0.6509		12.6	10.0	26.0	

Report Date: 21-Dec-2012 09:01:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220012.D
Lims ID: icv tcli Client ID:
Inject. Date: 20-Dec-2012 17:42:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0016051-012
Misc. Info.: ICV TCLI
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 69576 Lims Sample ID: 12
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\8270_hp7.m
Last Update: 21-Dec-2012 09:01:03 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 21-Dec-2012 08:59:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.929	5.929	0.0	97	228139	4.00	
* 2 Naphthalene-d8	136	7.041	7.041	0.0	100	946093	4.00	
* 3 Acenaphthene-d10	164	8.533	8.533	0.0	91	570787	4.00	
* 4 Phenanthrene-d10	188	9.790	9.790	0.0	98	891245	4.00	
* 5 Chrysene-d12	240	12.336	12.336	0.0	97	950757	4.00	
* 6 Perylene-d12	264	14.406	14.406	0.0	92	763524	4.00	
24 1,4-Dioxane	88	2.559	2.559	0.0	96	362762	11.2	M
25 N-Nitrosodimethylamine	74	3.024	3.024	0.0	86	521332	11.7	
40 Benzaldehyde	77	5.538	5.538	0.0	89	164474	2.23	
41 Phenol	94	5.581	5.581	0.0	98	1357374	13.9	
43 Aniline	93	5.629	5.629	0.0	96	1441758	11.4	
44 Bis(2-chloroethyl)ether	93	5.682	5.683	-0.001	93	998775	10.5	
46 2-Chlorophenol	128	5.736	5.736	0.0	97	1002925	13.0	
47 1,3-Dichlorobenzene	146	5.880	5.880	0.0	95	976589	9.76	
48 1,4-Dichlorobenzene	146	5.945	5.945	0.0	90	994021	12.0	
49 Benzyl alcohol	108	6.041	6.041	0.0	89	715242	14.9	
50 1,2-Dichlorobenzene	146	6.084	6.084	0.0	94	967953	10.1	
51 2-Methylphenol	108	6.126	6.126	0.0	97	954784	13.6	
52 2,2'-oxybis[1-chloropropane]	45	6.159	6.159	-0.001	91	1433300	10.6	
191 3 & 4 Methylphenol	108	6.255	6.255	0.0	96	1034468	13.7	
55 N-Nitrosopyrrolidine	100	6.255	6.255	0.0	63	543262	17.2	
56 N-Nitrosodi-n-propylamine	70	6.271	6.271	0.0	90	861261	15.3	
57 Acetophenone	105	6.276	6.276	0.0	89	1528621	14.1	
60 Hexachloroethane	117	6.383	6.383	0.0	92	405709	10.3	
61 Nitrobenzene	77	6.431	6.431	0.0	91	1212297	11.2	
63 Isophorone	82	6.635	6.635	0.0	97	2186277	13.9	
65 2-Nitrophenol	139	6.704	6.704	0.0	95	574493	14.8	
64 2,4-Dimethylphenol	107	6.720	6.720	0.0	97	1084214	13.5	
69 Benzoic acid	122	6.790	6.784	0.006	85	1412589	28.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
68 Bis(2-chloroethoxy)methane	93	6.806	6.806	0.0	91	1364904	11.6	
71 2,4-Dichlorophenol	162	6.907	6.907	0.0	96	917406	14.6	
72 1,2,4-Trichlorobenzene	180	6.988	6.988	0.0	90	909600	10.8	
73 Naphthalene	128	7.062	7.062	0.0	97	3110358	13.5	
74 4-Chloroaniline	127	7.095	7.089	0.006	84	1308303	13.4	
75 2,6-Dichlorophenol	162	7.100	7.100	0.0	90	891650	14.9	
77 Hexachlorobutadiene	225	7.159	7.159	0.0	94	499729	10.9	
83 Caprolactam	113	7.378	7.378	0.0	76	338247	16.3	
84 4-Chloro-3-methylphenol	107	7.480	7.480	0.0	95	969838	14.4	
85 2-Methylnaphthalene	142	7.645	7.645	0.0	89	2088378	13.8	
88 Hexachlorocyclopentadiene	237	7.774	7.774	0.0	92	600062	12.4	
89 1,2,4,5-Tetrachlorobenzene	216	7.784	7.785	-0.001	97	928866	12.6	
90 2,4,6-Trichlorophenol	196	7.875	7.875	0.0	93	673062	15.0	
91 2,4,5-Trichlorophenol	196	7.902	7.902	0.0	94	716489	14.6	
95 1,1'-Biphenyl	154	8.036	8.036	0.0	94	2673160	14.2	
98 2-Chloronaphthalene	162	8.063	8.063	0.0	97	2087130	11.7	
100 2-Nitroaniline	65	8.132	8.132	0.0	78	747619	14.8	
103 Dimethyl phthalate	163	8.271	8.271	0.0	98	2333850	14.2	
105 2,6-Dinitrotoluene	165	8.330	8.330	0.0	86	502800	11.5	
107 Acenaphthylene	152	8.416	8.416	0.0	98	3286560	14.0	
108 3-Nitroaniline	138	8.480	8.480	0.0	91	593366	14.7	
110 Acenaphthene	153	8.560	8.560	0.0	94	1945029	13.3	
109 2,4-Dinitrophenol	184	8.565	8.565	0.0	68	537510	24.9	
111 4-Nitrophenol	109	8.587	8.587	0.0	93	368946	14.1	
112 2,4-Dinitrotoluene	165	8.672	8.672	0.0	81	709676	11.9	
114 Dibenzofuran	168	8.704	8.705	0.0	83	2903747	13.5	
117 2,3,4,6-Tetrachlorophenol	232	8.795	8.796	-0.001	74	552258	13.1	
119 Diethyl phthalate	149	8.865	8.865	0.0	97	2353097	14.4	
121 4-Chlorophenyl phenyl ether	204	8.983	8.983	0.0	96	1123749	11.7	
123 4-Nitroaniline	138	8.993	8.993	0.0	78	581902	14.5	
124 Fluorene	166	8.993	8.993	0.0	80	2401677	14.0	
126 4,6-Dinitro-2-methylphenol	198	9.015	9.015	0.0	68	392261	13.8	
130 N-Nitrosodiphenylamine	169	9.074	9.079	-0.005	0	1750762	14.5	
131 Azobenzene	77	9.116	9.116	0.0	99	2739292	14.7	
137 4-Bromophenyl phenyl ether	248	9.400	9.394	0.006	67	614895	11.9	
139 Hexachlorobenzene	284	9.459	9.459	0.0	85	605722	11.8	
140 Atrazine	200	9.507	9.507	0.0	89	308605	9.08	
141 Pentachlorophenol	266	9.619	9.619	0.0	85	867772	29.5	
146 Phenanthrene	178	9.812	9.812	0.0	97	3423374	14.3	
147 Anthracene	178	9.854	9.854	0.0	97	3528337	14.8	
149 Carbazole	167	9.977	9.977	0.0	82	3400030	14.9	
151 Di-n-butyl phthalate	149	10.234	10.234	0.0	100	4004691	15.5	
157 Fluoranthene	202	10.817	10.817	0.0	98	3838055	14.6	
158 Benzidine	184	10.913	10.913	0.0	99	2098532	17.7	
160 Pyrene	202	11.031	11.031	0.0	98	3909907	14.2	
166 Butyl benzyl phthalate	149	11.619	11.620	-0.001	96	1686457	15.1	
173 3,3'-Dichlorobenzidine	252	12.267	12.267	0.0	67	1162768	12.9	
171 Bis(2-ethylhexyl) phthalate	149	12.288	12.288	0.0	97	2402224	13.9	
175 Benzo[a]anthracene	228	12.325	12.320	0.005	96	3406006	13.9	
176 Chrysene	228	12.374	12.374	0.0	95	3364383	14.4	
178 Di-n-octyl phthalate	149	13.197	13.192	0.005	99	3873793	13.8	
180 Benzo[b]fluoranthene	252	13.823	13.823	0.0	94	3266316	14.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 Benzo[k]fluoranthene	252	13.866	13.866	0.0	95	3712835	15.2	
182 Benzo[a]pyrene	252	14.326	14.321	0.005	75	2997245	14.0	
186 Indeno[1,2,3-cd]pyrene	276	16.059	16.059	0.0	94	3400749	15.0	
187 Dibenz(a,h)anthracene	278	16.091	16.086	0.005	77	2963434	15.3	
188 Benzo[g,h,i]perylene	276	16.508	16.508	0.0	93	2954895	14.8	

QC Flag Legend

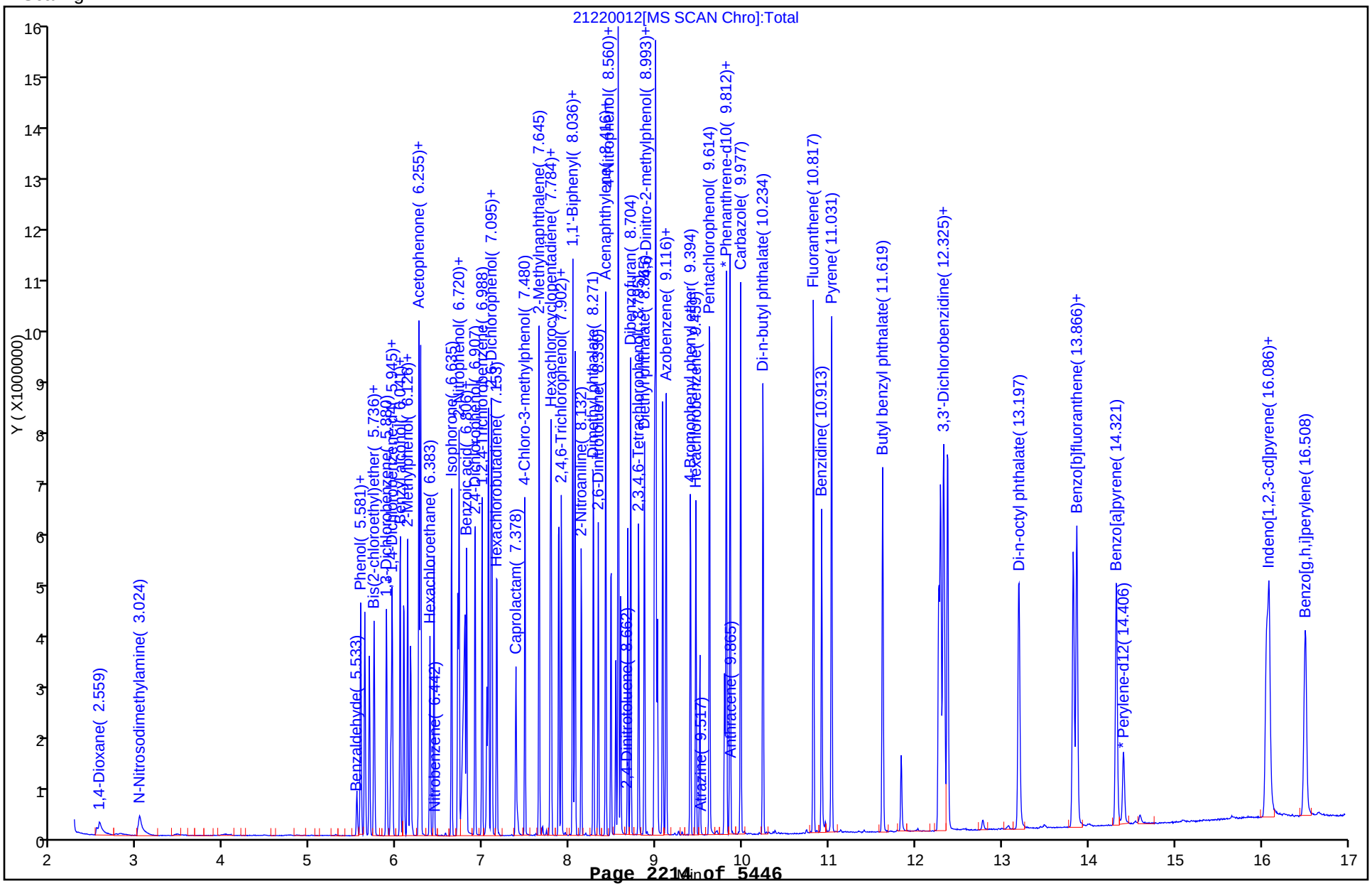
Review Flags
M - Manually Integrated

Report Date: 21-Dec-2012 09:01:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220012.D		
Injection Date:	20-Dec-2012 17:42:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-69576/12 Calibration Date: 12/20/2012 17:42

Instrument ID: A4HP7 Calib Start Date: 12/20/2012 13:47

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/20/2012 16:55

Lab File ID: 21220012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5658	0.6360		11.2	10.0	12.4	
N-Nitrosodimethylamine	Ave	0.7786	0.9141		11.7	10.0	17.4	
Benzaldehyde	Ave	1.293	0.2884		2.23	10.0	-77.7	
Phenol	Ave	1.712	2.380		13.9	10.0	39.0	
Aniline	Ave	2.224	2.528		11.4	10.0	13.7	
Bis(2-chloroethyl)ether	Ave	1.661	1.751		10.5	10.0	5.4	
2-Chlorophenol	Ave	1.352	1.758		13.0	10.0	30.1	
1,3-Dichlorobenzene	Ave	1.754	1.712		9.76	10.0	-2.4	
1,4-Dichlorobenzene	Ave	1.456	1.743		12.0	10.0	19.7	
Benzyl alcohol	Ave	0.8431	1.254		14.9	10.0	48.7	
1,2-Dichlorobenzene	Ave	1.680	1.697		10.1	10.0	1.0	
2-Methylphenol	Ave	1.229	1.674		13.6	10.0	36.2	
3 & 4 Methylphenol	Ave	1.320	1.814		13.7	10.0	37.5	
N-Nitrosodi-n-propylamine	Ave	0.9869	1.510		15.3	10.0	53.0	
Acetophenone	Ave	1.907	2.680		14.1	10.0	40.5	
Hexachloroethane	Ave	0.6897	0.7113		10.3	10.0	3.1	
Nitrobenzene	Ave	0.4559	0.5126		11.2	10.0	12.4	
Isophorone	Ave	0.6634	0.9243		13.9	10.0	39.3	
2-Nitrophenol	Ave	0.1637	0.2429		14.8	10.0	48.3	
2,4-Dimethylphenol	Ave	0.3402	0.4584		13.5	10.0	34.7	
Benzoic acid	Qua		0.2986		28.2	20.0	40.9	
Bis(2-chloroethoxy)methane	Ave	0.4978	0.5771		11.6	10.0	15.9	
2,4-Dichlorophenol	Ave	0.2655	0.3879		14.6	10.0	46.1	
1,2,4-Trichlorobenzene	Ave	0.3560	0.3846		10.8	10.0	8.0	
Naphthalene	Ave	0.9776	1.315		13.5	10.0	34.5	
Hexachlorobutadiene	Ave	0.1932	0.2113		10.9	10.0	9.4	
Caprolactam	Ave	0.0879	0.1430		16.3	10.0	62.7	
4-Chloro-3-methylphenol	Ave	0.2840	0.4100		14.4	10.0	44.4	
2-Methylnaphthalene	Ave	0.6414	0.8830		13.8	10.0	37.7	
Hexachlorocyclopentadiene	Ave	0.3381	0.4205		12.4	10.0	24.4	
2,4,6-Trichlorophenol	Ave	0.3147	0.4717		15.0	10.0	49.9	
2,4,5-Trichlorophenol	Ave	0.3437	0.5021		14.6	10.0	46.1	
1,1'-Biphenyl	Ave	1.316	1.873		14.2	10.0	42.4	
2-Chloronaphthalene	Ave	1.250	1.463		11.7	10.0	17.0	
2-Nitroaniline	Ave	0.3538	0.5239		14.8	10.0	48.1	
Dimethyl phthalate	Ave	1.149	1.636		14.2	10.0	42.4	
2,6-Dinitrotoluene	Qua		0.3524		11.5	10.0	15.2	
Acenaphthylene	Ave	1.643	2.303		14.0	10.0	40.2	
3-Nitroaniline	Ave	0.2829	0.4158		14.7	10.0	47.0	
Acenaphthene	Ave	1.024	1.363		13.3	10.0	33.1	
2,4-Dinitrophenol	Qua		0.1883		24.9	20.0	24.6	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-69576/12 Calibration Date: 12/20/2012 17:42

Instrument ID: A4HP7 Calib Start Date: 12/20/2012 13:47

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/20/2012 16:55

Lab File ID: 21220012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitrophenol	Qua		0.2586		14.1	10.0	40.6	
2,4-Dinitrotoluene	Qua		0.4973		11.9	10.0	18.6	
Dibenzofuran	Ave	1.510	2.035		13.5	10.0	34.7	
Diethyl phthalate	Ave	1.147	1.649		14.4	10.0	43.8	
4-Chlorophenyl phenyl ether	Ave	0.6708	0.7875		11.7	10.0	17.4	
4-Nitroaniline	Ave	0.2803	0.4078		14.5	10.0	45.5	
Fluorene	Ave	1.204	1.683		14.0	10.0	39.8	
4,6-Dinitro-2-methylphenol	Qua		0.1761		13.8	10.0	38.1	
N-Nitrosodiphenylamine	Ave	0.5419	0.7858		14.5	10.0	45.0	
4-Bromophenyl phenyl ether	Ave	0.2319	0.2760		11.9	10.0	19.0	
Hexachlorobenzene	Ave	0.2309	0.2719		11.8	10.0	17.8	
Atrazine	Ave	0.1525	0.1385		9.08	10.0	-9.2	
Pentachlorophenol	Ave	0.1321	0.1947		29.5	20.0	47.4	
Phenanthrene	Ave	1.074	1.536		14.3	10.0	43.1	
Anthracene	Ave	1.072	1.584		14.8	10.0	47.7	
Carbazole	Ave	1.027	1.526		14.9	10.0	48.6	
Di-n-butyl phthalate	Ave	1.161	1.797		15.5	10.0	54.8	
Fluoranthene	Ave	1.179	1.723		14.6	10.0	46.2	
Benzidine	Qua		0.8829		17.7	10.0	77.2	
Pyrene	Ave	1.157	1.645		14.2	10.0	42.1	
Butyl benzyl phthalate	Ave	0.4697	0.7095		15.1	10.0	51.1	
3,3'-Dichlorobenzidine	Ave	0.3801	0.4892		12.9	10.0	28.7	
Bis(2-ethylhexyl) phthalate	Qua		1.011		13.9	10.0	39.1	
Benzo[a]anthracene	Ave	1.034	1.433		13.9	10.0	38.6	
Chrysene	Ave	0.9796	1.415		14.4	10.0	44.5	
Di-n-octyl phthalate	Qua		2.029		13.8	10.0	38.4	
Benzo[b]fluoranthene	Ave	1.194	1.711		14.3	10.0	43.3	
Benzo[k]fluoranthene	Ave	1.281	1.945		15.2	10.0	51.8	
Benzo[a]pyrene	Ave	1.123	1.570		14.0	10.0	39.8	
Indeno[1,2,3-cd]pyrene	Ave	1.191	1.782		15.0	10.0	49.5	
Dibenz(a,h)anthracene	Ave	1.014	1.553		15.3	10.0	53.1	
Benzo[g,h,i]perylene	Ave	1.044	1.548		14.8	10.0	48.3	

Report Date: 21-Dec-2012 09:01:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220012.D
Lims ID: icv tcli Client ID:
Inject. Date: 20-Dec-2012 17:42:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0016051-012
Misc. Info.: ICV TCLI
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 69576 Lims Sample ID: 12
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\8270_hp7.m
Last Update: 21-Dec-2012 09:01:03 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 21-Dec-2012 08:59:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.929	5.929	0.0	97	228139	4.00	
* 2 Naphthalene-d8	136	7.041	7.041	0.0	100	946093	4.00	
* 3 Acenaphthene-d10	164	8.533	8.533	0.0	91	570787	4.00	
* 4 Phenanthrene-d10	188	9.790	9.790	0.0	98	891245	4.00	
* 5 Chrysene-d12	240	12.336	12.336	0.0	97	950757	4.00	
* 6 Perylene-d12	264	14.406	14.406	0.0	92	763524	4.00	
24 1,4-Dioxane	88	2.559	2.559	0.0	96	362762	11.2	M
25 N-Nitrosodimethylamine	74	3.024	3.024	0.0	86	521332	11.7	
40 Benzaldehyde	77	5.538	5.538	0.0	89	164474	2.23	
41 Phenol	94	5.581	5.581	0.0	98	1357374	13.9	
43 Aniline	93	5.629	5.629	0.0	96	1441758	11.4	
44 Bis(2-chloroethyl)ether	93	5.682	5.683	-0.001	93	998775	10.5	
46 2-Chlorophenol	128	5.736	5.736	0.0	97	1002925	13.0	
47 1,3-Dichlorobenzene	146	5.880	5.880	0.0	95	976589	9.76	
48 1,4-Dichlorobenzene	146	5.945	5.945	0.0	90	994021	12.0	
49 Benzyl alcohol	108	6.041	6.041	0.0	89	715242	14.9	
50 1,2-Dichlorobenzene	146	6.084	6.084	0.0	94	967953	10.1	
51 2-Methylphenol	108	6.126	6.126	0.0	97	954784	13.6	
52 2,2'-oxybis[1-chloropropane]	45	6.159	6.159	-0.001	91	1433300	10.6	
191 3 & 4 Methylphenol	108	6.255	6.255	0.0	96	1034468	13.7	
55 N-Nitrosopyrrolidine	100	6.255	6.255	0.0	63	543262	17.2	
56 N-Nitrosodi-n-propylamine	70	6.271	6.271	0.0	90	861261	15.3	
57 Acetophenone	105	6.276	6.276	0.0	89	1528621	14.1	
60 Hexachloroethane	117	6.383	6.383	0.0	92	405709	10.3	
61 Nitrobenzene	77	6.431	6.431	0.0	91	1212297	11.2	
63 Isophorone	82	6.635	6.635	0.0	97	2186277	13.9	
65 2-Nitrophenol	139	6.704	6.704	0.0	95	574493	14.8	
64 2,4-Dimethylphenol	107	6.720	6.720	0.0	97	1084214	13.5	
69 Benzoic acid	122	6.790	6.784	0.006	85	1412589	28.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
68 Bis(2-chloroethoxy)methane	93	6.806	6.806	0.0	91	1364904	11.6	
71 2,4-Dichlorophenol	162	6.907	6.907	0.0	96	917406	14.6	
72 1,2,4-Trichlorobenzene	180	6.988	6.988	0.0	90	909600	10.8	
73 Naphthalene	128	7.062	7.062	0.0	97	3110358	13.5	
74 4-Chloroaniline	127	7.095	7.089	0.006	84	1308303	13.4	
75 2,6-Dichlorophenol	162	7.100	7.100	0.0	90	891650	14.9	
77 Hexachlorobutadiene	225	7.159	7.159	0.0	94	499729	10.9	
83 Caprolactam	113	7.378	7.378	0.0	76	338247	16.3	
84 4-Chloro-3-methylphenol	107	7.480	7.480	0.0	95	969838	14.4	
85 2-Methylnaphthalene	142	7.645	7.645	0.0	89	2088378	13.8	
88 Hexachlorocyclopentadiene	237	7.774	7.774	0.0	92	600062	12.4	
89 1,2,4,5-Tetrachlorobenzene	216	7.784	7.785	-0.001	97	928866	12.6	
90 2,4,6-Trichlorophenol	196	7.875	7.875	0.0	93	673062	15.0	
91 2,4,5-Trichlorophenol	196	7.902	7.902	0.0	94	716489	14.6	
95 1,1'-Biphenyl	154	8.036	8.036	0.0	94	2673160	14.2	
98 2-Chloronaphthalene	162	8.063	8.063	0.0	97	2087130	11.7	
100 2-Nitroaniline	65	8.132	8.132	0.0	78	747619	14.8	
103 Dimethyl phthalate	163	8.271	8.271	0.0	98	2333850	14.2	
105 2,6-Dinitrotoluene	165	8.330	8.330	0.0	86	502800	11.5	
107 Acenaphthylene	152	8.416	8.416	0.0	98	3286560	14.0	
108 3-Nitroaniline	138	8.480	8.480	0.0	91	593366	14.7	
110 Acenaphthene	153	8.560	8.560	0.0	94	1945029	13.3	
109 2,4-Dinitrophenol	184	8.565	8.565	0.0	68	537510	24.9	
111 4-Nitrophenol	109	8.587	8.587	0.0	93	368946	14.1	
112 2,4-Dinitrotoluene	165	8.672	8.672	0.0	81	709676	11.9	
114 Dibenzofuran	168	8.704	8.705	0.0	83	2903747	13.5	
117 2,3,4,6-Tetrachlorophenol	232	8.795	8.796	-0.001	74	552258	13.1	
119 Diethyl phthalate	149	8.865	8.865	0.0	97	2353097	14.4	
121 4-Chlorophenyl phenyl ether	204	8.983	8.983	0.0	96	1123749	11.7	
123 4-Nitroaniline	138	8.993	8.993	0.0	78	581902	14.5	
124 Fluorene	166	8.993	8.993	0.0	80	2401677	14.0	
126 4,6-Dinitro-2-methylphenol	198	9.015	9.015	0.0	68	392261	13.8	
130 N-Nitrosodiphenylamine	169	9.074	9.079	-0.005	0	1750762	14.5	
131 Azobenzene	77	9.116	9.116	0.0	99	2739292	14.7	
137 4-Bromophenyl phenyl ether	248	9.400	9.394	0.006	67	614895	11.9	
139 Hexachlorobenzene	284	9.459	9.459	0.0	85	605722	11.8	
140 Atrazine	200	9.507	9.507	0.0	89	308605	9.08	
141 Pentachlorophenol	266	9.619	9.619	0.0	85	867772	29.5	
146 Phenanthrene	178	9.812	9.812	0.0	97	3423374	14.3	
147 Anthracene	178	9.854	9.854	0.0	97	3528337	14.8	
149 Carbazole	167	9.977	9.977	0.0	82	3400030	14.9	
151 Di-n-butyl phthalate	149	10.234	10.234	0.0	100	4004691	15.5	
157 Fluoranthene	202	10.817	10.817	0.0	98	3838055	14.6	
158 Benzidine	184	10.913	10.913	0.0	99	2098532	17.7	
160 Pyrene	202	11.031	11.031	0.0	98	3909907	14.2	
166 Butyl benzyl phthalate	149	11.619	11.620	-0.001	96	1686457	15.1	
173 3,3'-Dichlorobenzidine	252	12.267	12.267	0.0	67	1162768	12.9	
171 Bis(2-ethylhexyl) phthalate	149	12.288	12.288	0.0	97	2402224	13.9	
175 Benzo[a]anthracene	228	12.325	12.320	0.005	96	3406006	13.9	
176 Chrysene	228	12.374	12.374	0.0	95	3364383	14.4	
178 Di-n-octyl phthalate	149	13.197	13.192	0.005	99	3873793	13.8	
180 Benzo[b]fluoranthene	252	13.823	13.823	0.0	94	3266316	14.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 Benzo[k]fluoranthene	252	13.866	13.866	0.0	95	3712835	15.2	
182 Benzo[a]pyrene	252	14.326	14.321	0.005	75	2997245	14.0	
186 Indeno[1,2,3-cd]pyrene	276	16.059	16.059	0.0	94	3400749	15.0	
187 Dibenz(a,h)anthracene	278	16.091	16.086	0.005	77	2963434	15.3	
188 Benzo[g,h,i]perylene	276	16.508	16.508	0.0	93	2954895	14.8	

QC Flag Legend

Review Flags
M - Manually Integrated

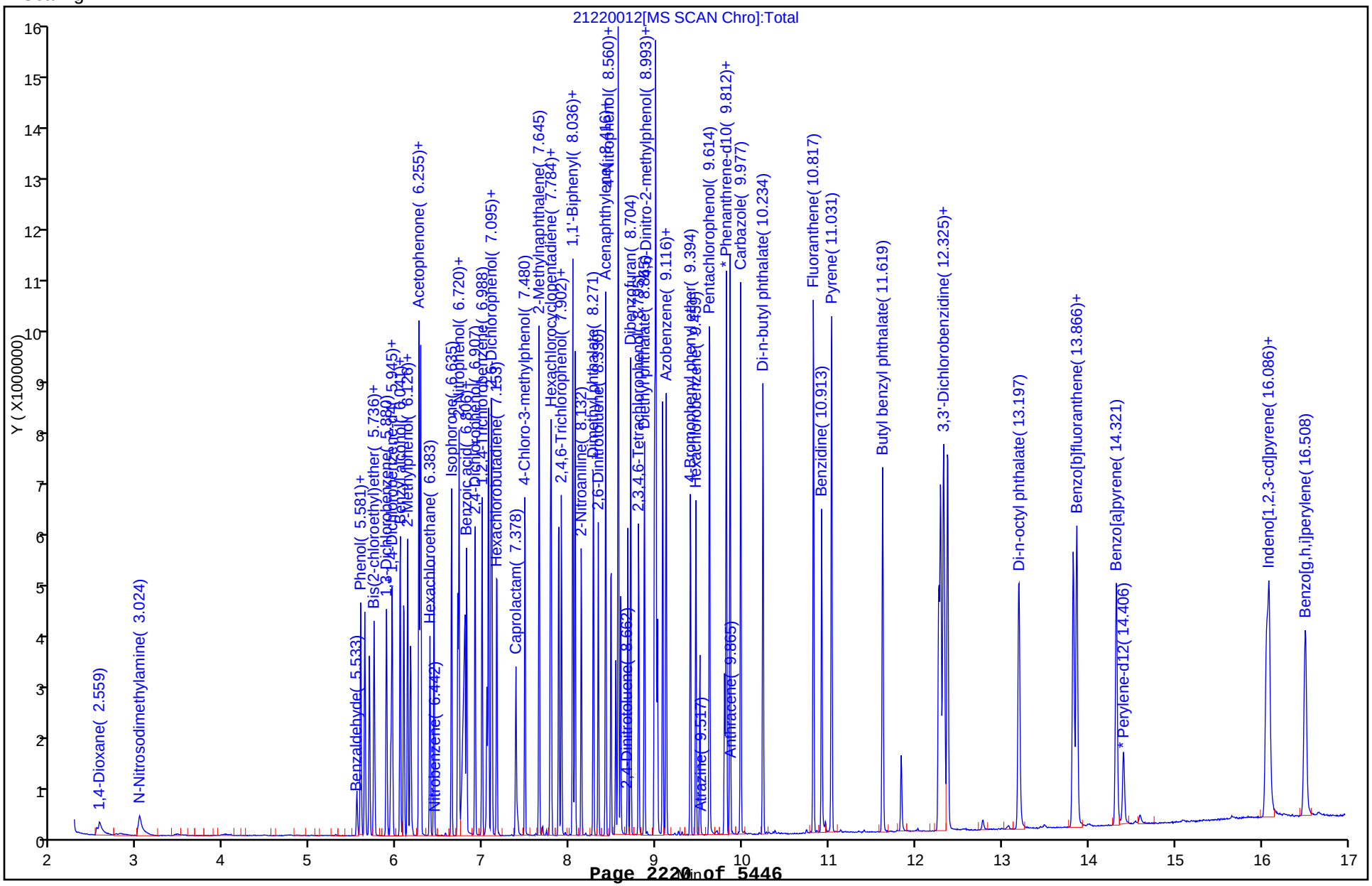
Report Date: 21-Dec-2012 09:01:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220012.D

Injection Date:	20-Dec-2012 17:42:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

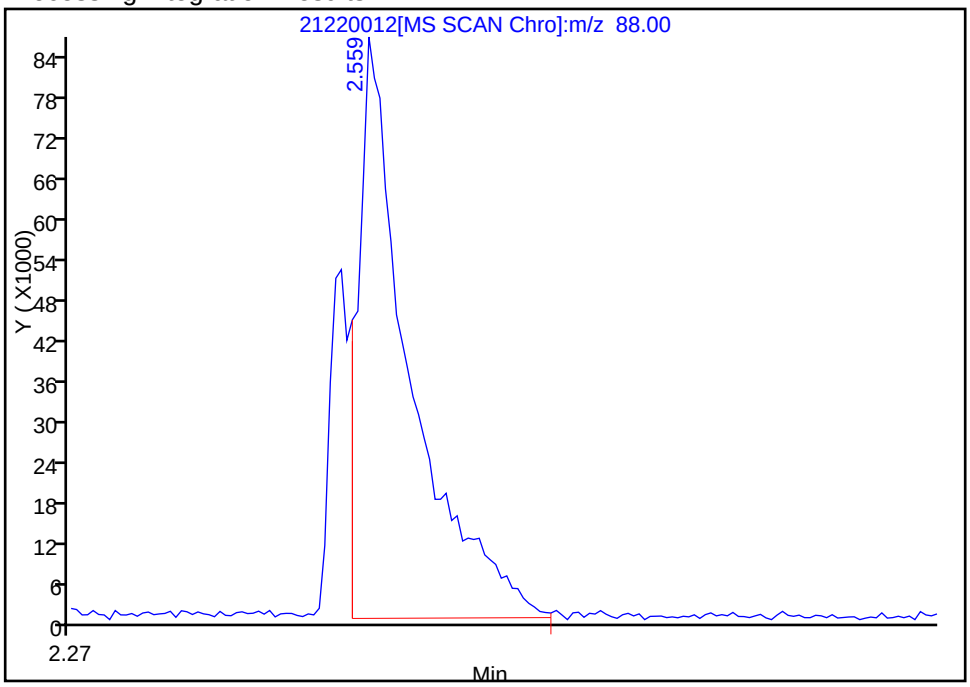
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220012.D		
Injection Date:	20-Dec-2012 17:42:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.56

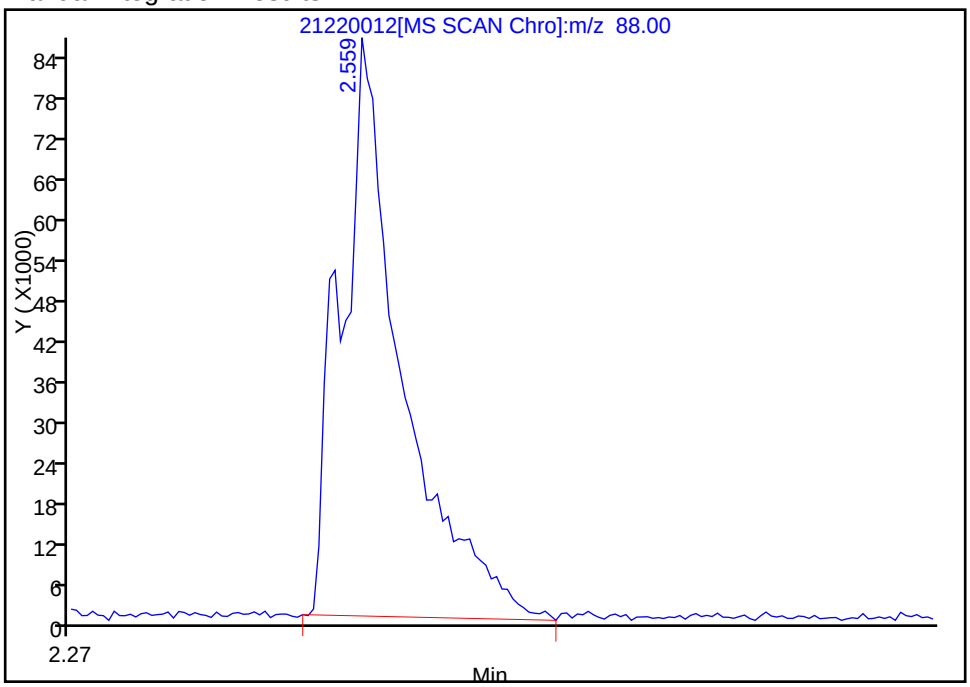
Processing Integration Results

RT: 2.56
Response: 303392
Amount: 9.401571



Manual Integration Results

RT: 2.56
Response: 362762
Amount: 11.241340



Reviewer: ulmanm, 21-Dec-2012 08:59:02
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-69733/12 Calibration Date: 12/21/2012 11:34

Instrument ID: A4HP7 Calib Start Date: 12/19/2012 18:38

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/19/2012 21:22

Lab File ID: 21221012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosopyrrolidine	Ave	0.5524	0.7131		12.9	10.0	29.1	
2,6-Dichlorophenol	Ave	0.2522	0.3122		12.4	10.0	23.8	
1,2,4,5-Tetrachlorobenzene	Ave	0.5166	0.5363		10.4	10.0	3.8	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121221-16088.b\21221012.D
Lims ID: icv tcli
Client ID:
Inject. Date: 21-Dec-2012 11:34:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0016088-012
Misc. Info.: ICV TCLI
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 100
Lims Batch ID: 69733
Lims Sample ID: 12
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121221-16088.b\8270_hp7.m
Last Update: 21-Dec-2012 14:27:28
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm
Date: 21-Dec-2012 11:55:54

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.904	0.0	96	212483	4.00	
* 2 Naphthalene-d8	136	7.017	7.017	0.0	100	824008	4.00	
* 3 Acenaphthene-d10	164	8.504	8.509	-0.005	92	503401	4.00	
* 4 Phenanthrene-d10	188	9.761	9.766	-0.005	98	800103	4.00	
* 5 Chrysene-d12	240	12.296	12.296	0.0	96	902978	4.00	
* 6 Perylene-d12	264	14.350	14.350	0.0	92	709457	4.00	
24 1,4-Dioxane	88	2.492	2.486	0.006	98	311618	10.4	M
25 N-Nitrosodimethylamine	74	2.952	2.946	0.006	89	423664	10.2	
40 Benzaldehyde	77	5.508	5.508	0.0	89	115002	1.67	
41 Phenol	94	5.557	5.557	-0.001	98	945817	10.4	
43 Aniline	93	5.599	5.599	0.0	97	1051564	8.90	
44 Bis(2-chloroethyl)ether	93	5.653	5.658	-0.005	93	799883	9.07	
46 2-Chlorophenol	128	5.712	5.712	0.0	97	748494	10.4	
47 1,3-Dichlorobenzene	146	5.851	5.851	0.0	95	848145	9.10	
48 1,4-Dichlorobenzene	146	5.920	5.920	0.0	92	849943	11.0	
49 Benzyl alcohol	108	6.011	6.011	0.0	88	491807	11.0	
50 1,2-Dichlorobenzene	146	6.054	6.054	0.0	93	806404	9.04	
51 2-Methylphenol	108	6.102	6.102	0.0	97	676499	10.4	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	91	1097210	8.72	
191 3 & 4 Methylphenol	108	6.230	6.231	-0.001	96	732070	10.4	
56 N-Nitrosodi-n-propylamine	70	6.246	6.247	-0.001	91	608357	11.6	
57 Acetophenone	105	6.252	6.252	0.0	91	1097440	10.8	
55 N-Nitrosopyrrolidine	100	6.230	6.255	-0.025	63	378823	12.9	
60 Hexachloroethane	117	6.353	6.354	-0.001	92	347670	9.49	
61 Nitrobenzene	77	6.402	6.402	0.0	93	866869	9.23	
63 Isophorone	82	6.605	6.610	-0.005	97	1540199	11.3	
65 2-Nitrophenol	139	6.680	6.680	0.0	96	390299	11.6	
64 2,4-Dimethylphenol	107	6.696	6.696	0.0	76	738903	10.5	
69 Benzoic acid	122	6.755	6.755	0.0	86	872261	20.6	M

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	97	976614	9.52	
71 2,4-Dichlorophenol	162	6.883	6.883	0.0	96	656941	12.0	
72 1,2,4-Trichlorobenzene	180	6.958	6.963	-0.005	92	688644	9.39	
73 Naphthalene	128	7.033	7.033	0.0	97	2257415	11.2	
74 4-Chloroaniline	127	7.065	7.065	0.0	84	925991	10.9	
75 2,6-Dichlorophenol	162	7.076	7.100	-0.024	92	643176	12.4	
77 Hexachlorobutadiene	225	7.129	7.129	0.0	93	389741	9.79	
83 Caprolactam	113	7.348	7.348	0.0	74	232632	12.8	
84 4-Chloro-3-methylphenol	107	7.461	7.461	0.0	96	673795	11.5	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	88	1485222	11.2	
88 Hexachlorocyclopentadiene	237	7.749	7.750	-0.001	92	389324	9.15	
89 1,2,4,5-Tetrachlorobenzene	216	7.760	7.785	-0.025	97	674935	10.4	
90 2,4,6-Trichlorophenol	196	7.851	7.851	0.0	93	465961	11.8	
91 2,4,5-Trichlorophenol	196	7.878	7.878	0.0	93	499272	11.5	
95 1,1'-Biphenyl	154	8.012	8.012	0.0	94	1866859	11.3	
98 2-Chloronaphthalene	162	8.033	8.038	-0.005	96	1483213	9.43	
100 2-Nitroaniline	65	8.108	8.108	0.0	80	505955	11.4	
103 Dimethyl phthalate	163	8.247	8.247	0.0	98	1657508	11.5	
105 2,6-Dinitrotoluene	165	8.306	8.306	0.0	87	361499	9.56	
107 Acenaphthylene	152	8.391	8.391	0.0	91	2310806	11.2	
108 3-Nitroaniline	138	8.450	8.450	0.0	90	381094	10.7	
110 Acenaphthene	153	8.536	8.536	0.0	92	1353840	10.5	
109 2,4-Dinitrophenol	184	8.536	8.536	0.0	70	409712	21.8	
111 4-Nitrophenol	109	8.568	8.568	0.0	94	262444	11.6	
112 2,4-Dinitrotoluene	165	8.648	8.648	0.0	83	500318	9.65	
114 Dibenzofuran	168	8.680	8.680	0.0	85	2025666	10.7	
117 2,3,4,6-Tetrachlorophenol	232	8.771	8.796	-0.025	73	391840	10.7	
119 Diethyl phthalate	149	8.841	8.841	0.0	97	1693403	11.7	
121 4-Chlorophenyl phenyl ether	204	8.953	8.953	0.0	96	822809	9.75	
123 4-Nitroaniline	138	8.964	8.969	-0.005	79	346930	9.84	
124 Fluorene	166	8.969	8.969	0.0	82	1702015	11.2	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	79	286660	11.4	
130 N-Nitrosodiphenylamine	169	9.049	9.049	0.0	0	1241481	11.5	
131 Azobenzene	77	9.087	9.087	0.0	100	1993464	11.9	
137 4-Bromophenyl phenyl ether	248	9.370	9.370	0.0	67	440392	9.49	
139 Hexachlorobenzene	284	9.434	9.434	0.0	87	441649	9.56	
140 Atrazine	200	9.482	9.483	0.0	89	223589	7.33	
141 Pentachlorophenol	266	9.589	9.589	0.0	83	613383	23.2	
146 Phenanthrene	178	9.782	9.787	-0.005	98	2427638	11.3	
147 Anthracene	178	9.825	9.830	-0.005	98	2462049	11.5	
149 Carbazole	167	9.953	9.953	0.0	82	2411308	11.7	
151 Di-n-butyl phthalate	149	10.210	10.210	0.0	100	2929476	12.6	
157 Fluoranthene	202	10.787	10.788	-0.001	97	2833261	12.0	
158 Benzidine	184	10.884	10.884	0.0	90	26235	0.7350	
160 Pyrene	202	10.996	10.996	0.0	96	2830797	10.8	
166 Butyl benzyl phthalate	149	11.584	11.585	-0.001	97	1270868	12.0	
173 3,3'-Dichlorobenzidine	252	12.226	12.226	0.0	69	716708	8.35	
171 Bis(2-ethylhexyl) phthalate	149	12.248	12.253	-0.005	97	1798452	11.2	
175 Benzo[a]anthracene	228	12.280	12.285	-0.005	94	2522233	10.8	
176 Chrysene	228	12.328	12.328	0.0	94	2468007	11.2	
178 Di-n-octyl phthalate	149	13.152	13.152	0.0	99	2845478	11.2	
180 Benzo[b]fluoranthene	252	13.772	13.772	0.0	95	2480090	11.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 Benzo[k]fluoranthene	252	13.815	13.815	0.0	99	2723877	12.0	
182 Benzo[a]pyrene	252	14.269	14.270	-0.001	77	2206963	11.1	
186 Indeno[1,2,3-cd]pyrene	276	15.992	15.997	-0.005	97	2462220	11.7	
187 Dibenz(a,h)anthracene	278	16.018	16.024	-0.006	81	2144923	11.9	
188 Benzo[g,h,i]perylene	276	16.430	16.436	-0.006	95	2126092	11.5	

QC Flag Legend

Review Flags
M - Manually Integrated

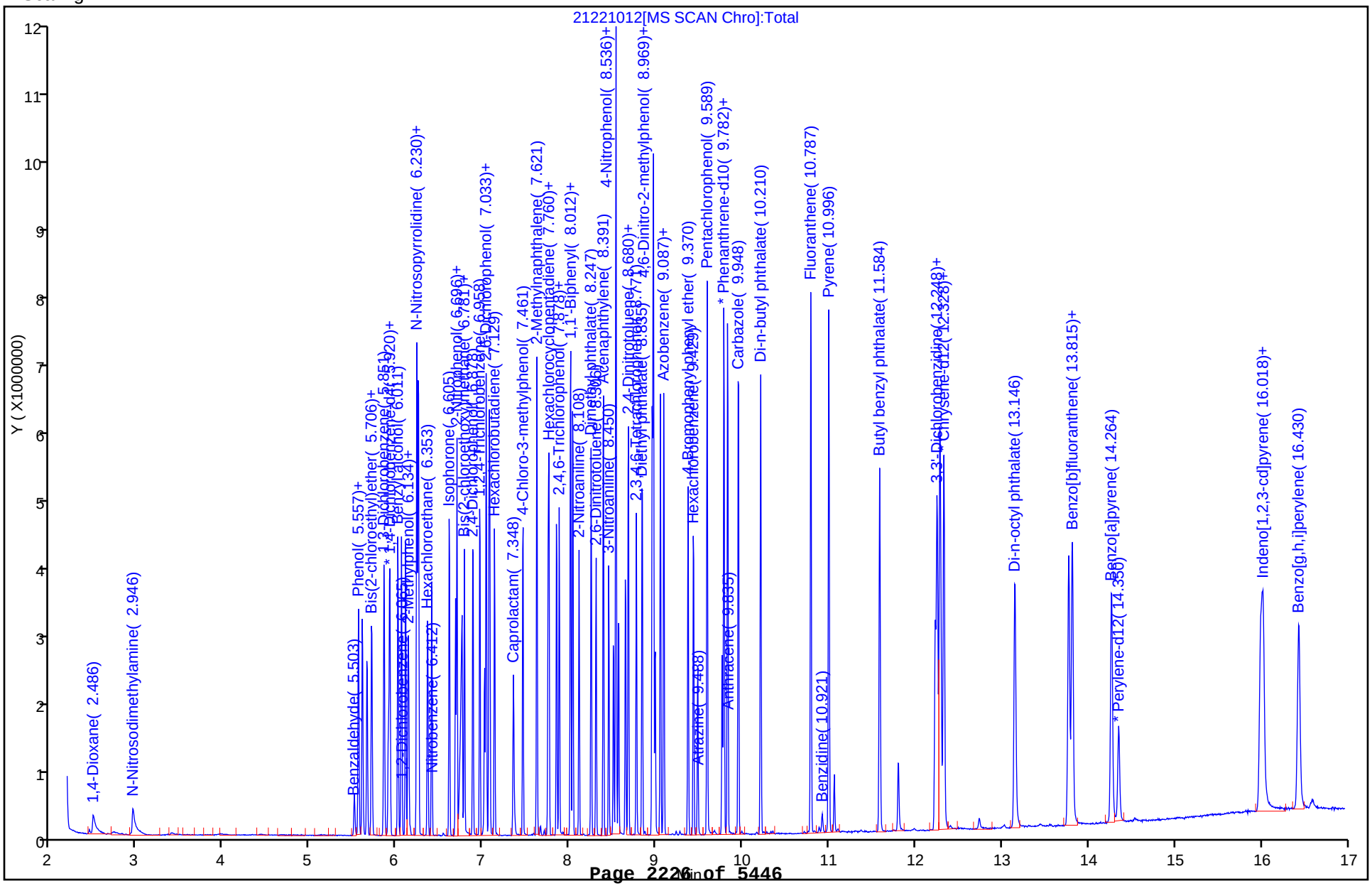
Report Date: 21-Dec-2012 14:27:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121221-16088.b\21221012.D

Injection Date:	21-Dec-2012 11:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69733	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-69733/12 Calibration Date: 12/21/2012 11:34

Instrument ID: A4HP7 Calib Start Date: 12/20/2012 13:47

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/20/2012 16:55

Lab File ID: 21221012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5658	0.5866		10.4	10.0	3.7	
N-Nitrosodimethylamine	Ave	0.7786	0.7976		10.2	10.0	2.4	
Benzaldehyde	Ave	1.293	0.2165		1.67	10.0	-83.3	
Phenol	Ave	1.712	1.781		10.4	10.0	4.0	
Aniline	Ave	2.224	1.980		8.90	10.0	-11.0	
Bis(2-chloroethyl)ether	Ave	1.661	1.506		9.07	10.0	-9.3	
2-Chlorophenol	Ave	1.352	1.409		10.4	10.0	4.2	
1,3-Dichlorobenzene	Ave	1.754	1.597		9.10	10.0	-9.0	
1,4-Dichlorobenzene	Ave	1.456	1.600		11.0	10.0	9.9	
Benzyl alcohol	Ave	0.8431	0.9258		11.0	10.0	9.8	
1,2-Dichlorobenzene	Ave	1.680	1.518		9.04	10.0	-9.6	
2-Methylphenol	Ave	1.229	1.274		10.4	10.0	3.6	
3 & 4 Methylphenol	Ave	1.320	1.378		10.4	10.0	4.4	
N-Nitrosodi-n-propylamine	Ave	0.9869	1.145		11.6	10.0	16.0	
Acetophenone	Ave	1.907	2.066		10.8	10.0	8.3	
Hexachloroethane	Ave	0.6897	0.6545		9.49	10.0	-5.1	
Nitrobenzene	Ave	0.4559	0.4208		9.23	10.0	-7.7	
Isophorone	Ave	0.6634	0.7477		11.3	10.0	12.7	
2-Nitrophenol	Ave	0.1637	0.1895		11.6	10.0	15.7	
2,4-Dimethylphenol	Ave	0.3402	0.3587		10.5	10.0	5.4	
Benzoic acid	Qua		0.2117		20.6	20.0	3.2	
Bis(2-chloroethoxy)methane	Ave	0.4978	0.4741		9.52	10.0	-4.8	
2,4-Dichlorophenol	Ave	0.2655	0.3189		12.0	10.0	20.1	
1,2,4-Trichlorobenzene	Ave	0.3560	0.3343		9.39	10.0	-6.1	
Naphthalene	Ave	0.9776	1.096		11.2	10.0	12.1	
Hexachlorobutadiene	Ave	0.1932	0.1892		9.79	10.0	-2.1	
Caprolactam	Ave	0.0879	0.1129		12.8	10.0	28.5	
4-Chloro-3-methylphenol	Ave	0.2840	0.3271		11.5	10.0	15.2	
2-Methylnaphthalene	Ave	0.6414	0.7210		11.2	10.0	12.4	
Hexachlorocyclopentadiene	Ave	0.3381	0.3094		9.15	10.0	-8.5	
2,4,6-Trichlorophenol	Ave	0.3147	0.3703		11.8	10.0	17.6	
2,4,5-Trichlorophenol	Ave	0.3437	0.3967		11.5	10.0	15.4	
1,1'-Biphenyl	Ave	1.316	1.483		11.3	10.0	12.8	
2-Chloronaphthalene	Ave	1.250	1.179		9.43	10.0	-5.7	
2-Nitroaniline	Ave	0.3538	0.4020		11.4	10.0	13.6	
Dimethyl phthalate	Ave	1.149	1.317		11.5	10.0	14.6	
2,6-Dinitrotoluene	Qua		0.2873		9.56	10.0	-4.4	
Acenaphthylene	Ave	1.643	1.836		11.2	10.0	11.7	
3-Nitroaniline	Ave	0.2829	0.3028		10.7	10.0	7.0	
2,4-Dinitrophenol	Qua		0.1628		21.8	20.0	9.1	
Acenaphthene	Ave	1.024	1.076		10.5	10.0	5.1	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-69733/12 Calibration Date: 12/21/2012 11:34

Instrument ID: A4HP7 Calib Start Date: 12/20/2012 13:47

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/20/2012 16:55

Lab File ID: 21221012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitrophenol	Qua		0.2085		11.6	10.0	16.1	
2,4-Dinitrotoluene	Qua		0.3976		9.65	10.0	-3.5	
Dibenzofuran	Ave	1.510	1.610		10.7	10.0	6.6	
Diethyl phthalate	Ave	1.147	1.346		11.7	10.0	17.3	
4-Chlorophenyl phenyl ether	Ave	0.6708	0.6538		9.75	10.0	-2.5	
4-Nitroaniline	Ave	0.2803	0.2757		9.84	10.0	-1.6	
Fluorene	Ave	1.204	1.352		11.2	10.0	12.3	
4,6-Dinitro-2-methylphenol	Qua		0.1433		11.4	10.0	14.3	
N-Nitrosodiphenylamine	Ave	0.5419	0.6207		11.5	10.0	14.5	
4-Bromophenyl phenyl ether	Ave	0.2319	0.2202		9.49	10.0	-5.1	
Hexachlorobenzene	Ave	0.2309	0.2208		9.56	10.0	-4.4	
Atrazine	Ave	0.1525	0.1118		7.33	10.0	-26.7	
Pentachlorophenol	Ave	0.1321	0.1533		23.2	20.0	16.0	
Phenanthrene	Ave	1.074	1.214		11.3	10.0	13.0	
Anthracene	Ave	1.072	1.231		11.5	10.0	14.8	
Carbazole	Ave	1.027	1.206		11.7	10.0	17.4	
Di-n-butyl phthalate	Ave	1.161	1.465		12.6	10.0	26.2	
Fluoranthene	Ave	1.179	1.416		12.0	10.0	20.2	
Benzidine	Qua		0.0116		0.735	10.0	-92.7	
Pyrene	Ave	1.157	1.254		10.8	10.0	8.3	
Butyl benzyl phthalate	Ave	0.4697	0.5630		12.0	10.0	19.9	
3,3'-Dichlorobenzidine	Ave	0.3801	0.3175		8.35	10.0	-16.5	
Bis(2-ethylhexyl) phthalate	Qua		0.7967		11.2	10.0	11.6	
Benzo[a]anthracene	Ave	1.034	1.117		10.8	10.0	8.0	
Chrysene	Ave	0.9796	1.093		11.2	10.0	11.6	
Di-n-octyl phthalate	Qua		1.604		11.2	10.0	11.9	
Benzo[b]fluoranthene	Ave	1.194	1.398		11.7	10.0	17.1	
Benzo[k]fluoranthene	Ave	1.281	1.536		12.0	10.0	19.9	
Benzo[a]pyrene	Ave	1.123	1.244		11.1	10.0	10.8	
Indeno[1,2,3-cd]pyrene	Ave	1.191	1.388		11.7	10.0	16.5	
Dibenz(a,h)anthracene	Ave	1.014	1.209		11.9	10.0	19.2	
Benzo[g,h,i]perylene	Ave	1.044	1.199		11.5	10.0	14.9	

Report Date: 21-Dec-2012 14:27:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121221-16088.b\21221012.D
Lims ID: icv tcli Client ID:
Inject. Date: 21-Dec-2012 11:34:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0016088-012
Misc. Info.: ICV TCLI
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 100
Lims Batch ID: 69733 Lims Sample ID: 12
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121221-16088.b\8270_hp7.m
Last Update: 21-Dec-2012 14:27:28 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 21-Dec-2012 11:55:54

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.904	0.0	96	212483	4.00	
* 2 Naphthalene-d8	136	7.017	7.017	0.0	100	824008	4.00	
* 3 Acenaphthene-d10	164	8.504	8.509	-0.005	92	503401	4.00	
* 4 Phenanthrene-d10	188	9.761	9.766	-0.005	98	800103	4.00	
* 5 Chrysene-d12	240	12.296	12.296	0.0	96	902978	4.00	
* 6 Perylene-d12	264	14.350	14.350	0.0	92	709457	4.00	
24 1,4-Dioxane	88	2.492	2.486	0.006	98	311618	10.4	M
25 N-Nitrosodimethylamine	74	2.952	2.946	0.006	89	423664	10.2	
40 Benzaldehyde	77	5.508	5.508	0.0	89	115002	1.67	
41 Phenol	94	5.557	5.557	-0.001	98	945817	10.4	
43 Aniline	93	5.599	5.599	0.0	97	1051564	8.90	
44 Bis(2-chloroethyl)ether	93	5.653	5.658	-0.005	93	799883	9.07	
46 2-Chlorophenol	128	5.712	5.712	0.0	97	748494	10.4	
47 1,3-Dichlorobenzene	146	5.851	5.851	0.0	95	848145	9.10	
48 1,4-Dichlorobenzene	146	5.920	5.920	0.0	92	849943	11.0	
49 Benzyl alcohol	108	6.011	6.011	0.0	88	491807	11.0	
50 1,2-Dichlorobenzene	146	6.054	6.054	0.0	93	806404	9.04	
51 2-Methylphenol	108	6.102	6.102	0.0	97	676499	10.4	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	91	1097210	8.72	
191 3 & 4 Methylphenol	108	6.230	6.231	-0.001	96	732070	10.4	
56 N-Nitrosodi-n-propylamine	70	6.246	6.247	-0.001	91	608357	11.6	
57 Acetophenone	105	6.252	6.252	0.0	91	1097440	10.8	
55 N-Nitrosopyrrolidine	100	6.230	6.255	-0.025	63	378823	12.9	
60 Hexachloroethane	117	6.353	6.354	-0.001	92	347670	9.49	
61 Nitrobenzene	77	6.402	6.402	0.0	93	866869	9.23	
63 Isophorone	82	6.605	6.610	-0.005	97	1540199	11.3	
65 2-Nitrophenol	139	6.680	6.680	0.0	96	390299	11.6	
64 2,4-Dimethylphenol	107	6.696	6.696	0.0	76	738903	10.5	
69 Benzoic acid	122	6.755	6.755	0.0	86	872261	20.6	M

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	97	976614	9.52	
71 2,4-Dichlorophenol	162	6.883	6.883	0.0	96	656941	12.0	
72 1,2,4-Trichlorobenzene	180	6.958	6.963	-0.005	92	688644	9.39	
73 Naphthalene	128	7.033	7.033	0.0	97	2257415	11.2	
74 4-Chloroaniline	127	7.065	7.065	0.0	84	925991	10.9	
75 2,6-Dichlorophenol	162	7.076	7.100	-0.024	92	643176	12.4	
77 Hexachlorobutadiene	225	7.129	7.129	0.0	93	389741	9.79	
83 Caprolactam	113	7.348	7.348	0.0	74	232632	12.8	
84 4-Chloro-3-methylphenol	107	7.461	7.461	0.0	96	673795	11.5	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	88	1485222	11.2	
88 Hexachlorocyclopentadiene	237	7.749	7.750	-0.001	92	389324	9.15	
89 1,2,4,5-Tetrachlorobenzene	216	7.760	7.785	-0.025	97	674935	10.4	
90 2,4,6-Trichlorophenol	196	7.851	7.851	0.0	93	465961	11.8	
91 2,4,5-Trichlorophenol	196	7.878	7.878	0.0	93	499272	11.5	
95 1,1'-Biphenyl	154	8.012	8.012	0.0	94	1866859	11.3	
98 2-Chloronaphthalene	162	8.033	8.038	-0.005	96	1483213	9.43	
100 2-Nitroaniline	65	8.108	8.108	0.0	80	505955	11.4	
103 Dimethyl phthalate	163	8.247	8.247	0.0	98	1657508	11.5	
105 2,6-Dinitrotoluene	165	8.306	8.306	0.0	87	361499	9.56	
107 Acenaphthylene	152	8.391	8.391	0.0	91	2310806	11.2	
108 3-Nitroaniline	138	8.450	8.450	0.0	90	381094	10.7	
110 Acenaphthene	153	8.536	8.536	0.0	92	1353840	10.5	
109 2,4-Dinitrophenol	184	8.536	8.536	0.0	70	409712	21.8	
111 4-Nitrophenol	109	8.568	8.568	0.0	94	262444	11.6	
112 2,4-Dinitrotoluene	165	8.648	8.648	0.0	83	500318	9.65	
114 Dibenzofuran	168	8.680	8.680	0.0	85	2025666	10.7	
117 2,3,4,6-Tetrachlorophenol	232	8.771	8.796	-0.025	73	391840	10.7	
119 Diethyl phthalate	149	8.841	8.841	0.0	97	1693403	11.7	
121 4-Chlorophenyl phenyl ether	204	8.953	8.953	0.0	96	822809	9.75	
123 4-Nitroaniline	138	8.964	8.969	-0.005	79	346930	9.84	
124 Fluorene	166	8.969	8.969	0.0	82	1702015	11.2	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	79	286660	11.4	
130 N-Nitrosodiphenylamine	169	9.049	9.049	0.0	0	1241481	11.5	
131 Azobenzene	77	9.087	9.087	0.0	100	1993464	11.9	
137 4-Bromophenyl phenyl ether	248	9.370	9.370	0.0	67	440392	9.49	
139 Hexachlorobenzene	284	9.434	9.434	0.0	87	441649	9.56	
140 Atrazine	200	9.482	9.483	0.0	89	223589	7.33	
141 Pentachlorophenol	266	9.589	9.589	0.0	83	613383	23.2	
146 Phenanthrene	178	9.782	9.787	-0.005	98	2427638	11.3	
147 Anthracene	178	9.825	9.830	-0.005	98	2462049	11.5	
149 Carbazole	167	9.953	9.953	0.0	82	2411308	11.7	
151 Di-n-butyl phthalate	149	10.210	10.210	0.0	100	2929476	12.6	
157 Fluoranthene	202	10.787	10.788	-0.001	97	2833261	12.0	
158 Benzidine	184	10.884	10.884	0.0	90	26235	0.7350	
160 Pyrene	202	10.996	10.996	0.0	96	2830797	10.8	
166 Butyl benzyl phthalate	149	11.584	11.585	-0.001	97	1270868	12.0	
173 3,3'-Dichlorobenzidine	252	12.226	12.226	0.0	69	716708	8.35	
171 Bis(2-ethylhexyl) phthalate	149	12.248	12.253	-0.005	97	1798452	11.2	
175 Benzo[a]anthracene	228	12.280	12.285	-0.005	94	2522233	10.8	
176 Chrysene	228	12.328	12.328	0.0	94	2468007	11.2	
178 Di-n-octyl phthalate	149	13.152	13.152	0.0	99	2845478	11.2	
180 Benzo[b]fluoranthene	252	13.772	13.772	0.0	95	2480090	11.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 Benzo[k]fluoranthene	252	13.815	13.815	0.0	99	2723877	12.0	
182 Benzo[a]pyrene	252	14.269	14.270	-0.001	77	2206963	11.1	
186 Indeno[1,2,3-cd]pyrene	276	15.992	15.997	-0.005	97	2462220	11.7	
187 Dibenz(a,h)anthracene	278	16.018	16.024	-0.006	81	2144923	11.9	
188 Benzo[g,h,i]perylene	276	16.430	16.436	-0.006	95	2126092	11.5	

QC Flag Legend

Review Flags
M - Manually Integrated

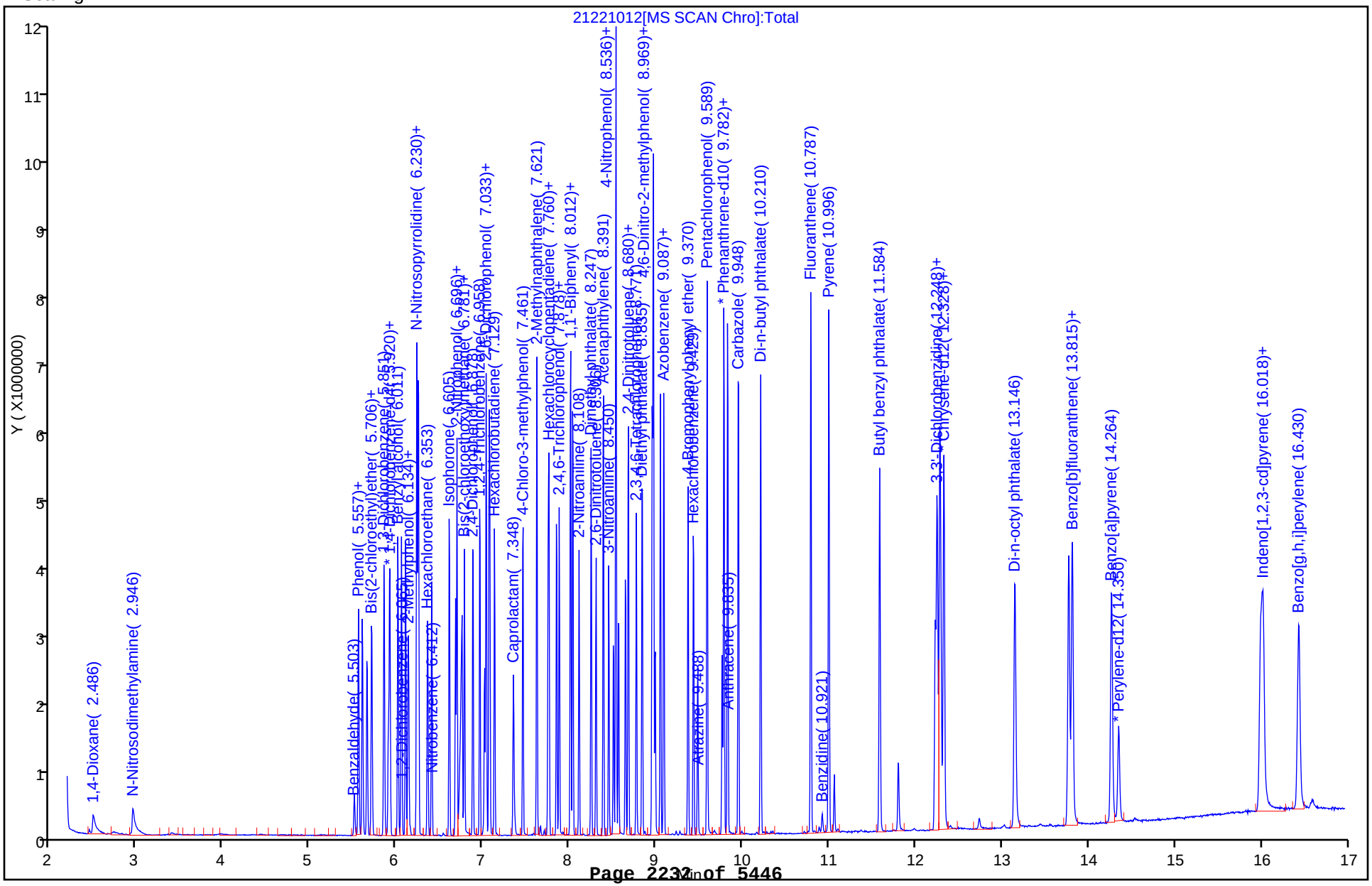
Report Date: 21-Dec-2012 14:27:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121221-16088.b\21221012.D

Injection Date:	21-Dec-2012 11:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69733	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

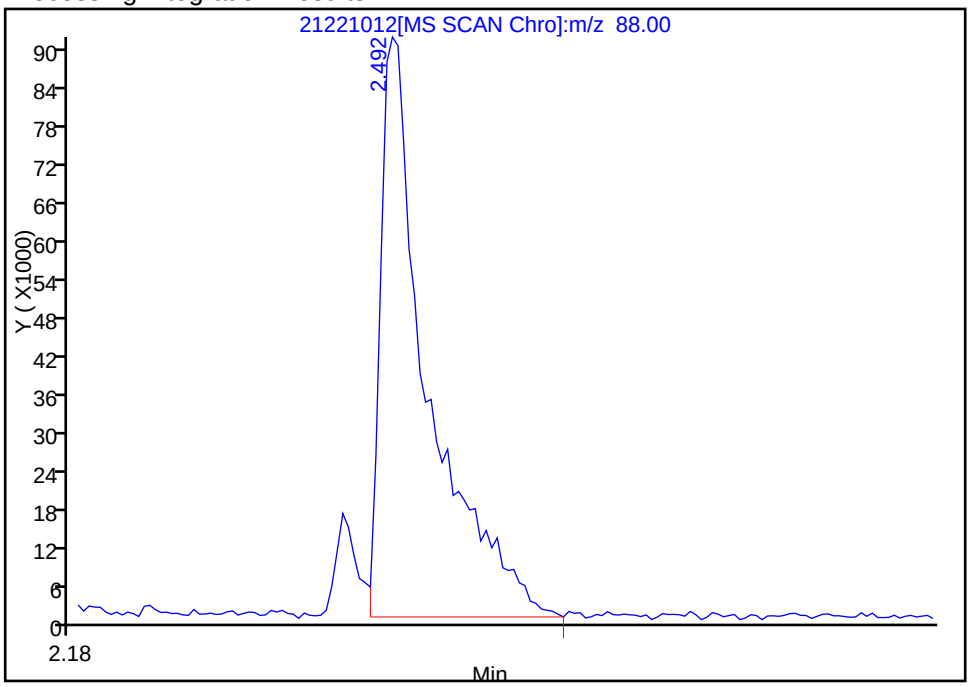
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121221-16088.b\21221012.D		
Injection Date:	21-Dec-2012 11:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69733	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.49

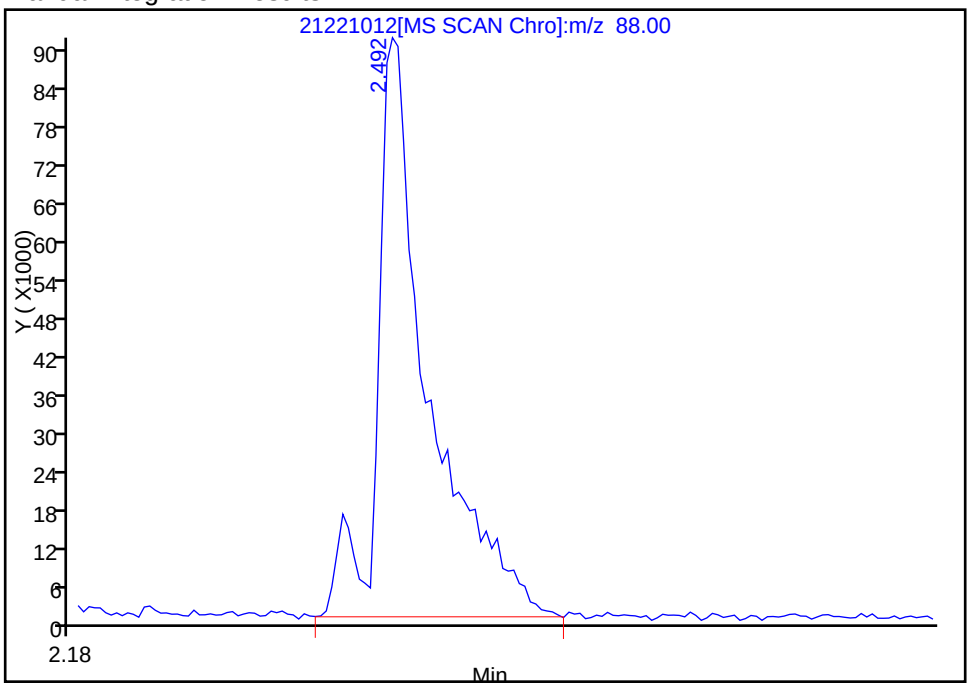
Processing Integration Results

RT: 2.49
Response: 291558
Amount: 9.700555



Manual Integration Results

RT: 2.49
Response: 311618
Amount: 10.367980



Reviewer: ulmanm, 21-Dec-2012 11:55:54
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

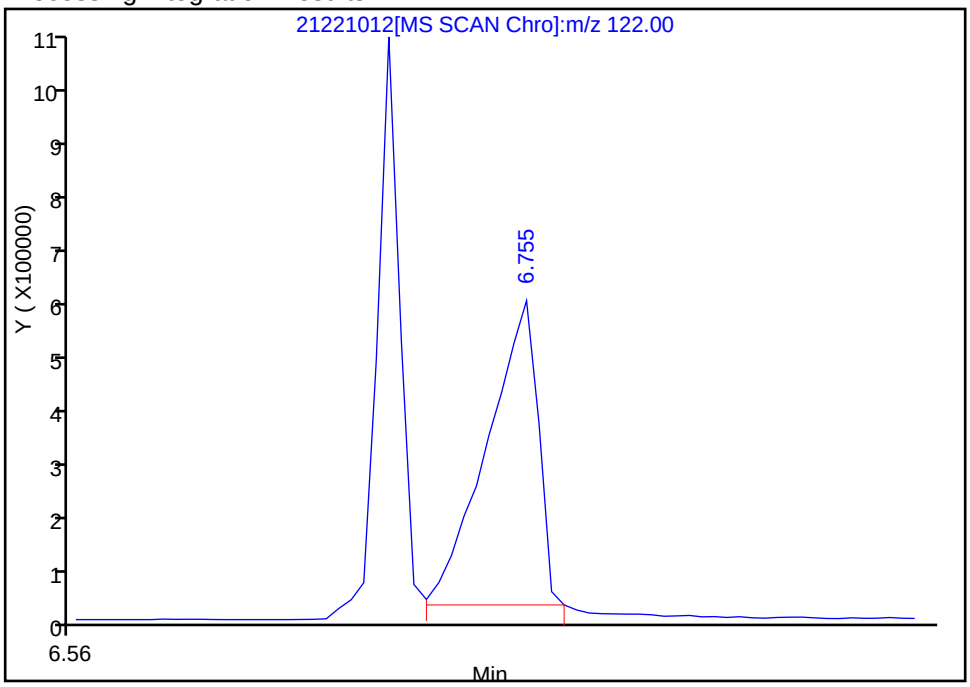
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121221-16088.b\21221012.D		
Injection Date:	21-Dec-2012 11:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69733	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

69 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.75

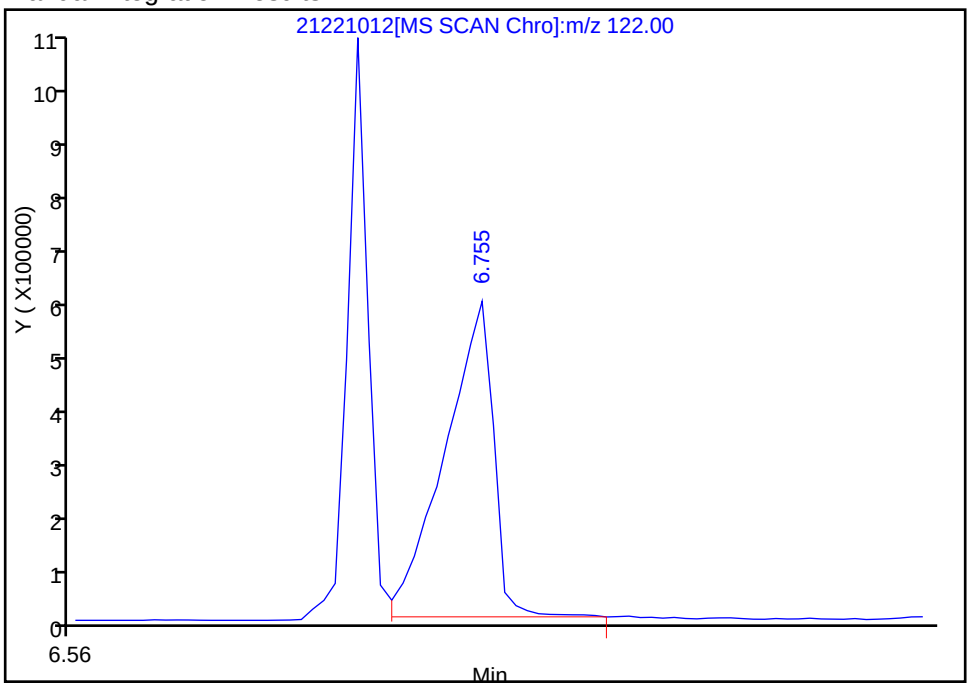
Processing Integration Results

RT: 6.75
Response: 787621
Amount: 18.825597



Manual Integration Results

RT: 6.75
Response: 872261
Amount: 20.643771



Reviewer: ulmanm, 21-Dec-2012 11:55:54
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69932/2 Calibration Date: 12/23/2012 11:01

Instrument ID: A4HP7 Calib Start Date: 12/20/2012 13:47

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/20/2012 16:55

Lab File ID: 21223002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5658	0.5235		9.25	10.0	-7.5	
N-Nitrosodimethylamine	Ave	0.7786	0.7752		9.96	10.0	-0.4	
Pyridine	Ave	1.388	1.469		10.6	10.0	5.8	
Benzaldehyde	Ave	1.293	1.299		10.0	10.0	0.5	
Phenol	Ave	1.712	1.725		10.1	10.0	0.8	
Aniline	Ave	2.224	2.179		9.80	10.0	-2.0	
Bis(2-chloroethyl)ether	Ave	1.661	1.599		9.63	10.0	-3.7	
2-Chlorophenol	Ave	1.352	1.336		9.88	10.0	-1.2	
1,3-Dichlorobenzene	Ave	1.754	1.710		9.75	10.0	-2.5	
1,4-Dichlorobenzene	Ave	1.456	1.450		9.96	10.0	-0.4	
Benzyl alcohol	Ave	0.8431	0.7923		9.40	10.0	-6.0	
1,2-Dichlorobenzene	Ave	1.680	1.614		9.61	10.0	-3.9	
2-Methylphenol	Ave	1.229	1.226		9.98	10.0	-0.2	
3 & 4 Methylphenol	Ave	1.320	1.282		9.72	10.0	-2.8	
N-Nitrosodi-n-propylamine	Ave	0.9869	0.9360		9.48	10.0	-5.2	
Acetophenone	Ave	1.907	1.845		9.67	10.0	-3.3	
Hexachloroethane	Ave	0.6897	0.6745		9.78	10.0	-2.2	
Nitrobenzene	Ave	0.4559	0.4736		10.4	10.0	3.9	
Isophorone	Ave	0.6634	0.6568		9.90	10.0	-1.0	
2-Nitrophenol	Ave	0.1637	0.1722		10.5	10.0	5.2	
2,4-Dimethylphenol	Ave	0.3402	0.3457		10.2	10.0	1.6	
Benzoic acid	Qua		0.2092		20.4	20.0	2.1	
Bis(2-chloroethoxy)methane	Ave	0.4978	0.5016		10.1	10.0	0.8	
2,4-Dichlorophenol	Ave	0.2655	0.2792		10.5	10.0	5.1	
1,2,4-Trichlorobenzene	Ave	0.3560	0.3626		10.2	10.0	1.9	
Naphthalene	Ave	0.9776	0.9882		10.1	10.0	1.1	
Hexachlorobutadiene	Ave	0.1932	0.1988		10.3	10.0	2.9	
Caprolactam	Ave	0.0879	0.0989		11.3	10.0	12.6	
4-Chloro-3-methylphenol	Ave	0.2840	0.2915		10.3	10.0	2.6	
2-Methylnaphthalene	Ave	0.6414	0.6446		10.1	10.0	0.5	
Hexachlorocyclopentadiene	Ave	0.3381	0.3698		10.9	10.0	9.4	
2,4,6-Trichlorophenol	Ave	0.3147	0.3447		11.0	10.0	9.5	
2,4,5-Trichlorophenol	Ave	0.3437	0.3575		10.4	10.0	4.0	
1,1'-Biphenyl	Ave	1.316	1.337		10.2	10.0	1.7	
2-Chloronaphthalene	Ave	1.250	1.275		10.2	10.0	2.0	
2-Nitroaniline	Ave	0.3538	0.3778		10.7	10.0	6.8	
Dimethyl phthalate	Ave	1.149	1.163		10.1	10.0	1.2	
2,6-Dinitrotoluene	Qua		0.3006		9.96	10.0	-0.4	
Acenaphthylene	Ave	1.643	1.705		10.4	10.0	3.8	
3-Nitroaniline	Ave	0.2829	0.3001		10.6	10.0	6.1	
Acenaphthene	Ave	1.024	1.028		10.0	10.0	0.5	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69932/2 Calibration Date: 12/23/2012 11:01

Instrument ID: A4HP7 Calib Start Date: 12/20/2012 13:47

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/20/2012 16:55

Lab File ID: 21223002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua		0.1553		20.9	20.0	4.6	
4-Nitrophenol	Qua		0.1740		9.85	10.0	-1.5	
2,4-Dinitrotoluene	Qua		0.4183		10.1	10.0	1.2	
Dibenzofuran	Ave	1.510	1.514		10.0	10.0	0.2	
Diethyl phthalate	Ave	1.147	1.142		9.95	10.0	-0.5	
4-Chlorophenyl phenyl ether	Ave	0.6708	0.6841		10.2	10.0	2.0	
4-Nitroaniline	Ave	0.2803	0.3052		10.9	10.0	8.9	
Fluorene	Ave	1.204	1.240		10.3	10.0	3.0	
4,6-Dinitro-2-methylphenol	Qua		0.1195		9.67	10.0	-3.3	
N-Nitrosodiphenylamine	Ave	0.5419	0.5403		9.97	10.0	-0.3	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.8354	0.8502		10.2	10.0	1.8	
4-Bromophenyl phenyl ether	Ave	0.2319	0.2333		10.1	10.0	0.6	
Hexachlorobenzene	Ave	0.2309	0.2298		9.95	10.0	-0.5	
Atrazine	Ave	0.1525	0.1588		10.4	10.0	4.1	
Pentachlorophenol	Ave	0.1321	0.1436		21.7	20.0	8.7	
Phenanthrene	Ave	1.074	1.069		9.95	10.0	-0.5	
Anthracene	Ave	1.072	1.100		10.3	10.0	2.6	
Carbazole	Ave	1.027	1.043		10.2	10.0	1.6	
Di-n-butyl phthalate	Ave	1.161	1.171		10.1	10.0	0.9	
Fluoranthene	Ave	1.179	1.178		10.0	10.0	-0.0	
Benzidine	Qua		0.4587		9.77	10.0	-2.3	
Pyrene	Ave	1.157	1.178		10.2	10.0	1.8	
Butyl benzyl phthalate	Ave	0.4697	0.4739		10.1	10.0	0.9	
3,3'-Dichlorobenzidine	Ave	0.3801	0.3907		10.3	10.0	2.8	
Bis(2-ethylhexyl) phthalate	Qua		0.6682		9.47	10.0	-5.3	
Benzo[a]anthracene	Ave	1.034	1.031		9.97	10.0	-0.3	
Chrysene	Ave	0.9796	0.9679		9.88	10.0	-1.2	
Di-n-octyl phthalate	Qua		1.306		9.28	10.0	-7.2	
Benzo[b]fluoranthene	Ave	1.194	1.200		10.0	10.0	0.5	
Benzo[k]fluoranthene	Ave	1.281	1.376		10.7	10.0	7.4	
Benzo[a]pyrene	Ave	1.123	1.182		10.5	10.0	5.3	
Indeno[1,2,3-cd]pyrene	Ave	1.191	1.287		10.8	10.0	8.0	
Dibenz(a,h)anthracene	Ave	1.014	1.079		10.6	10.0	6.4	
Benzo[g,h,i]perylene	Ave	1.044	1.111		10.6	10.0	6.5	
2-Fluorophenol (Surr)	Ave	1.227	1.223		9.97	10.0	-0.3	
Phenol-d5 (Surr)	Ave	1.634	1.614		9.88	10.0	-1.2	
Nitrobenzene-d5 (Surr)	Ave	0.4406	0.4537		10.3	10.0	3.0	
2-Fluorobiphenyl (Surr)	Ave	1.433	1.467		10.2	10.0	2.3	
2,4,6-Tribromophenol (Surr)	Ave	0.1345	0.1460		10.9	10.0	8.6	
Terphenyl-d14 (Surr)	Ave	0.8184	0.8050		9.84	10.0	-1.6	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223002.D
Lims ID: ccv tcl
Client ID:
Inject. Date: 23-Dec-2012 11:01:30
Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0016131-002
Misc. Info.: CCV TCL
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 2
Lims Batch ID: 69932
Lims Sample ID: 2
Sublist: chrom-8270_hp7*sub15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:44
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj
Date: 23-Dec-2012 11:21:03

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.886	5.886	0.0	96	238734	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	99	909614	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	93	526265	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	860803	4.00	
* 5 Chrysene-d12	240	12.272	12.272	0.0	85	906060	4.00	
* 6 Perylene-d12	264	14.320	14.320	0.0	92	726885	4.00	
$ 7 2-Fluorophenol	112	4.629	4.629	0.0	95	729976	9.97	
$ 8 Phenol-d5	99	5.522	5.522	0.0	94	963489	9.88	
$ 9 Nitrobenzene-d5	82	6.367	6.367	0.0	93	1031611	10.3	
$ 10 2-Fluorobiphenyl (Surr)	172	7.907	7.907	0.0	99	1929442	10.2	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	92	192138	10.9	
$ 12 Terphenyl-d14	244	11.095	11.095	0.0	98	1823455	9.84	
24 1,4-Dioxane	88	2.425	2.425	0.0	92	312434	9.25	M
25 N-Nitrosodimethylamine	74	2.880	2.880	0.0	87	462681	9.96	
26 Pyridine	79	2.944	2.944	0.0	89	876545	10.6	
27 Ethyl methacrylate	69	3.591	3.591	0.0	90	657110	9.72	
28 3-Chloropropionitrile	54	3.966	3.966	0.0	85	636747	9.90	
32 Malononitrile	66	4.324	4.324	0.0	98	958994	9.99	
40 Benzaldehyde	77	5.485	5.485	0.0	89	775426	10.0	
41 Phenol	94	5.538	5.538	0.0	97	1029262	10.1	
43 Aniline	93	5.581	5.581	0.0	97	1300741	9.80	
44 Bis(2-chloroethyl)ether	93	5.634	5.634	0.0	92	954313	9.63	
46 2-Chlorophenol	128	5.688	5.688	0.0	96	797222	9.88	
47 1,3-Dichlorobenzene	146	5.832	5.832	0.0	95	1020753	9.75	
48 1,4-Dichlorobenzene	146	5.896	5.896	0.0	91	865700	9.96	
49 Benzyl alcohol	108	5.993	5.993	0.0	86	472842	9.40	
50 1,2-Dichlorobenzene	146	6.035	6.035	0.0	93	963343	9.61	
51 2-Methylphenol	108	6.084	6.084	0.0	96	731967	9.98	
52 2,2'-oxybis[1-chloropropane]	45	6.116	6.116	0.0	91	1343314	9.51	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.212	6.212	0.0	96	765290	9.72	
56 N-Nitrosodi-n-propylamine	70	6.228	6.228	0.0	92	558642	9.48	
57 Acetophenone	105	6.233	6.233	0.0	94	1100885	9.67	
60 Hexachloroethane	117	6.335	6.335	0.0	92	402553	9.78	
61 Nitrobenzene	77	6.388	6.388	0.0	87	1077083	10.4	
63 Isophorone	82	6.592	6.592	0.0	97	1493563	9.90	
65 2-Nitrophenol	139	6.661	6.661	0.0	95	391690	10.5	
66 1,3,5-Trichlorobenzene	180	6.672	6.672	0.0	94	830638	10.2	
64 2,4-Dimethylphenol	107	6.677	6.677	0.0	94	786118	10.2	
69 Benzoic acid	122	6.741	6.741	0.0	83	951296	20.4	
68 Bis(2-chloroethoxy)methane	93	6.768	6.768	0.0	96	1140732	10.1	
71 2,4-Dichlorophenol	162	6.864	6.864	0.0	96	634792	10.5	
72 1,2,4-Trichlorobenzene	180	6.945	6.945	0.0	93	824507	10.2	
73 Naphthalene	128	7.020	7.020	0.0	97	2247285	10.1	
74 4-Chloroaniline	127	7.052	7.052	0.0	83	971787	10.4	
77 Hexachlorobutadiene	225	7.116	7.116	0.0	92	452048	10.3	
78 1,2,3-Trichlorobenzene	180	7.137	7.137	0.0	90	777926	0	
83 Caprolactam	113	7.335	7.335	0.0	70	224981	11.3	
84 4-Chloro-3-methylphenol	107	7.442	7.442	0.0	94	662790	10.3	
85 2-Methylnaphthalene	142	7.603	7.603	0.0	87	1465902	10.1	
86 1-Methylnaphthalene	142	7.688	7.688	0.0	90	1355242	9.91	
87 1,2,3,5-Tetrachlorobenzene	216	7.731	7.731	0.0	94	789105	10.4	
88 Hexachlorocyclopentadiene	237	7.736	7.736	0.0	90	486474	10.9	
90 2,4,6-Trichlorophenol	196	7.833	7.833	0.0	94	453539	11.0	
91 2,4,5-Trichlorophenol	196	7.865	7.865	0.0	93	470380	10.4	
94 2,4-Toluene diamine	121	7.977	7.977	0.0	96	443614	10.3	
96 1,2,3,4 -Tetrachlorobenzene	216	7.988	7.988	0.0	94	756758	0	
95 1,1'-Biphenyl	154	7.993	7.993	0.0	95	1759383	10.2	
98 2-Chloronaphthalene	162	8.020	8.020	0.0	97	1676809	10.2	
100 2-Nitroaniline	65	8.095	8.095	0.0	80	497041	10.7	
103 Dimethyl phthalate	163	8.234	8.234	0.0	98	1530312	10.1	
105 2,6-Dinitrotoluene	165	8.287	8.287	0.0	86	395491	9.96	
106 1,2-Dinitrobenzene	168	8.341	8.341	0.0	89	202321	10.0	
107 Acenaphthylene	152	8.373	8.373	0.0	97	2243230	10.4	
108 3-Nitroaniline	138	8.437	8.437	0.0	90	394877	10.6	
110 Acenaphthene	153	8.517	8.517	0.0	94	1353128	10.0	
109 2,4-Dinitrophenol	184	8.523	8.523	0.0	76	408737	20.9	
111 4-Nitrophenol	109	8.549	8.549	0.0	94	228921	9.85	
112 2,4-Dinitrotoluene	165	8.630	8.630	0.0	89	550342	10.1	
114 Dibenzofuran	168	8.662	8.662	0.0	88	1991260	10.0	
115 2,3,5,6-Tetrachlorophenol	232	8.720	8.720	0.0	88	388184	10.8	
119 Diethyl phthalate	149	8.822	8.822	0.0	96	1502024	9.95	
121 4-Chlorophenyl phenyl ether	204	8.940	8.940	0.0	95	900051	10.2	
124 Fluorene	166	8.950	8.950	0.0	82	1631223	10.3	
123 4-Nitroaniline	138	8.950	8.950	0.0	80	401523	10.9	
126 4,6-Dinitro-2-methylphenol	198	8.972	8.972	0.0	72	257060	9.67	
130 N-Nitrosodiphenylamine	169	9.031	9.031	0.0	0	1162682	9.97	
131 Azobenzene	77	9.073	9.073	0.0	99	1829725	10.2	
129 1,2-Diphenylhydrazine	77	9.073	9.073	0.0	0	1829725	10.2	
137 4-Bromophenyl phenyl ether	248	9.352	9.352	0.0	67	502023	10.1	
139 Hexachlorobenzene	284	9.416	9.416	0.0	86	494486	9.95	
140 Atrazine	200	9.464	9.464	0.0	88	341651	10.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.571	9.571	0.0	84	617919	21.7	
146 Phenanthrene	178	9.769	9.769	0.0	97	2300287	9.95	
147 Anthracene	178	9.812	9.812	0.0	97	2367910	10.3	
149 Carbazole	167	9.935	9.935	0.0	82	2245070	10.2	
151 Di-n-butyl phthalate	149	10.191	10.191	0.0	100	2520764	10.1	
157 Fluoranthene	202	10.769	10.769	0.0	98	2535814	10.0	
158 Benzidine	184	10.865	10.865	0.0	99	1039075	9.77	
160 Pyrene	202	10.978	10.978	0.0	97	2668539	10.2	
166 Butyl benzyl phthalate	149	11.566	11.566	0.0	97	1073365	10.1	
170 3,3'-Dimethoxybenzidine	244	12.165	12.165	0.0	90	497676	8.96	
172 4,4'-Methylene bis(2-chloroanili	231	12.208	12.208	0.0	70	420911	9.58	
173 3,3'-Dichlorobenzidine	252	12.208	12.208	0.0	69	885066	10.3	
171 Bis(2-ethylhexyl) phthalate	149	12.229	12.229	0.0	95	1513468	9.47	
175 Benzo[a]anthracene	228	12.256	12.256	0.0	96	2335747	9.97	
176 Chrysene	228	12.304	12.304	0.0	92	2192352	9.88	
178 Di-n-octyl phthalate	149	13.128	13.128	0.0	99	2373785	9.28	
180 Benzo[b]fluoranthene	252	13.743	13.743	0.0	93	2180501	10.0	
181 Benzo[k]fluoranthene	252	13.786	13.786	0.0	95	2500238	10.7	
182 Benzo[a]pyrene	252	14.240	14.240	0.0	76	2147925	10.5	
186 Indeno[1,2,3-cd]pyrene	276	15.963	15.963	0.0	94	2338741	10.8	
187 Dibenz(a,h)anthracene	278	15.989	15.989	0.0	85	1960049	10.6	
188 Benzo[g,h,i]perylene	276	16.396	16.396	0.0	90	2019121	10.6	
S 189 Methyl Phenols,Total	100				0		9.98	

QC Flag Legend

Review Flags
M - Manually Integrated

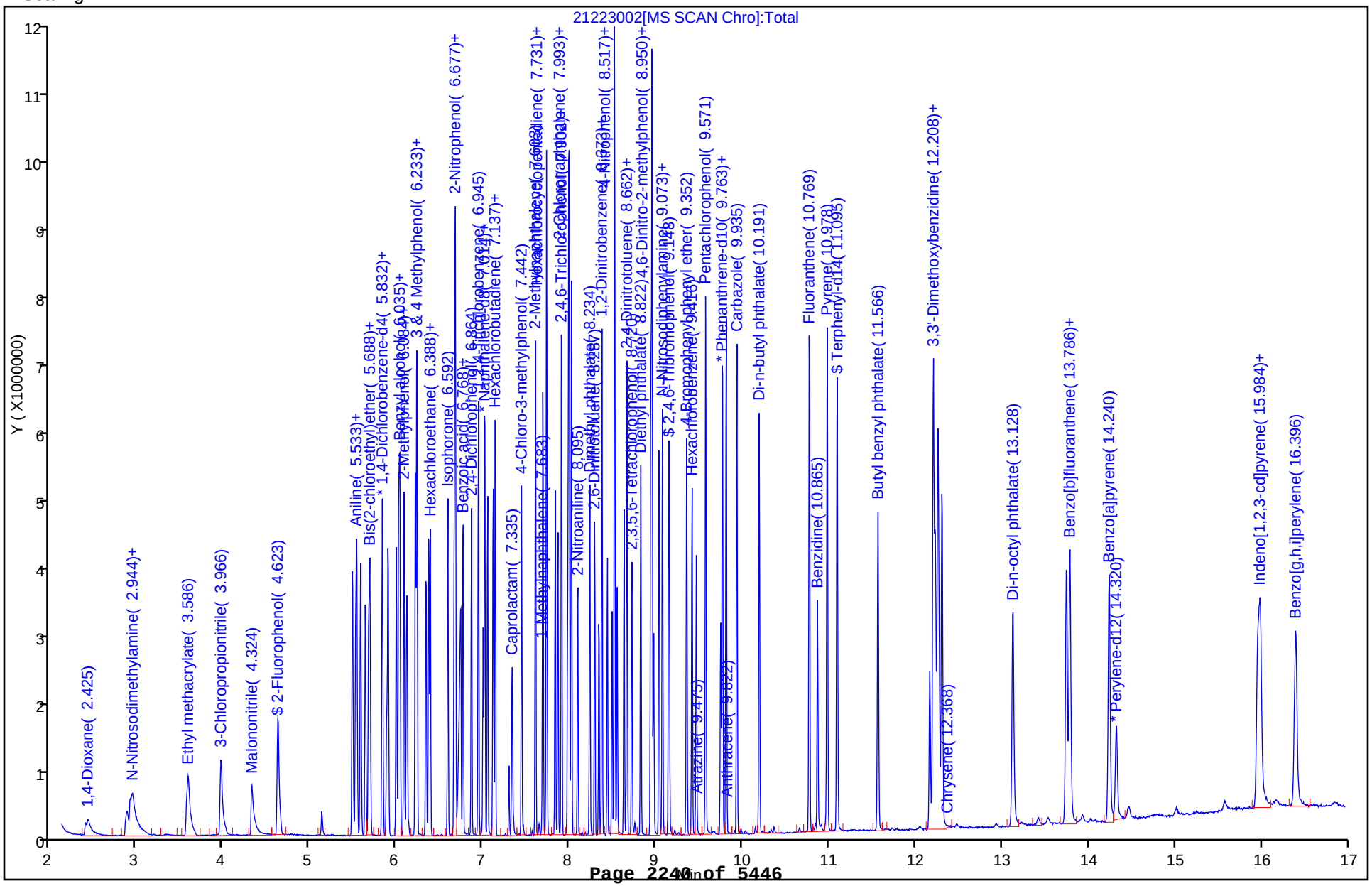
Report Date: 24-Dec-2012 12:29:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223002.D

Injection Date:	23-Dec-2012 11:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

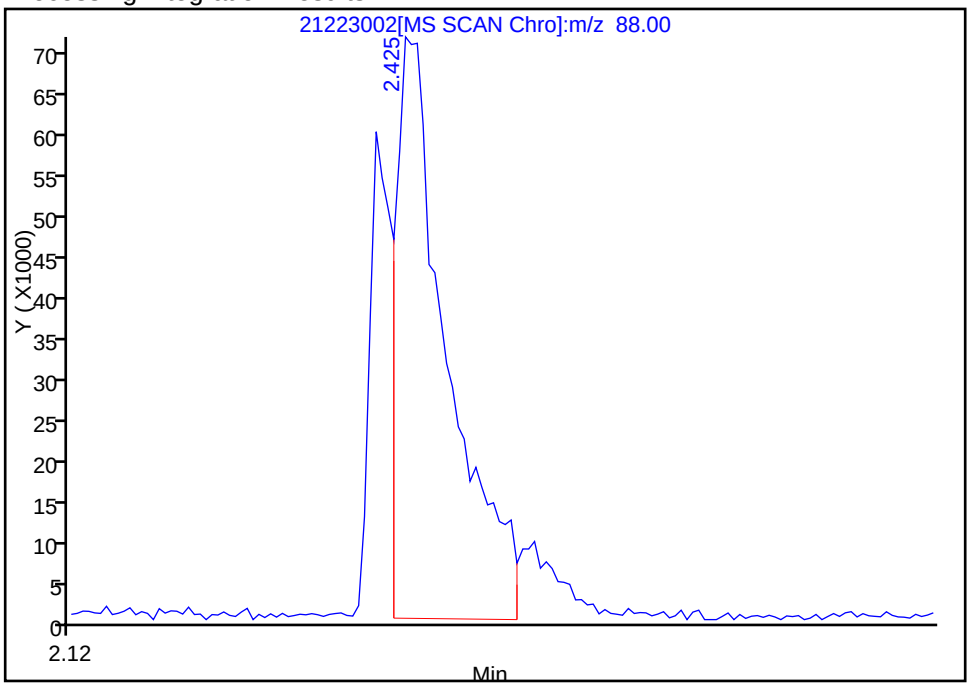
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223002.D		
Injection Date:	23-Dec-2012 11:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.43

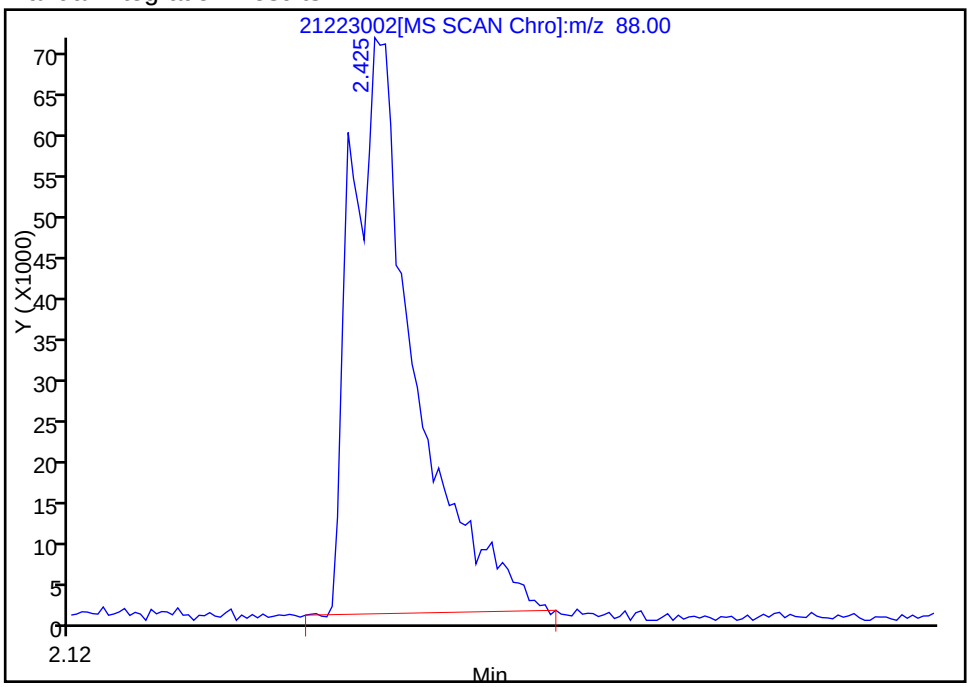
Processing Integration Results

RT: 2.43
Response: 233126
Amount: 6.903547



Manual Integration Results

RT: 2.43
Response: 312434
Amount: 9.252090



Reviewer: gruberj, 23-Dec-2012 11:21:03
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69977/2 Calibration Date: 12/24/2012 09:14

Instrument ID: A4HP7 Calib Start Date: 12/20/2012 13:47

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/20/2012 16:55

Lab File ID: 21224002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5658	0.5100		9.01	10.0	-9.9	
N-Nitrosodimethylamine	Ave	0.7786	0.7563		9.71	10.0	-2.9	
Pyridine	Ave	1.388	1.416		10.2	10.0	2.0	
Benzaldehyde	Ave	1.293	1.309		10.1	10.0	1.2	
Phenol	Ave	1.712	1.698		9.92	10.0	-0.8	
Aniline	Ave	2.224	2.159		9.71	10.0	-2.9	
Bis(2-chloroethyl)ether	Ave	1.661	1.589		9.57	10.0	-4.3	
2-Chlorophenol	Ave	1.352	1.317		9.74	10.0	-2.6	
1,3-Dichlorobenzene	Ave	1.754	1.720		9.80	10.0	-2.0	
1,4-Dichlorobenzene	Ave	1.456	1.425		9.78	10.0	-2.2	
Benzyl alcohol	Ave	0.8431	0.7883		9.35	10.0	-6.5	
1,2-Dichlorobenzene	Ave	1.680	1.635		9.73	10.0	-2.7	
2-Methylphenol	Ave	1.229	1.211		9.86	10.0	-1.4	
3 & 4 Methylphenol	Ave	1.320	1.267		9.60	10.0	-4.0	
N-Nitrosodi-n-propylamine	Ave	0.9869	0.9420		9.54	10.0	-4.6	
Acetophenone	Ave	1.907	1.875		9.83	10.0	-1.7	
Hexachloroethane	Ave	0.6897	0.6685		9.69	10.0	-3.1	
Nitrobenzene	Ave	0.4559	0.4586		10.1	10.0	0.6	
Isophorone	Ave	0.6634	0.6326		9.53	10.0	-4.7	
2-Nitrophenol	Ave	0.1637	0.1708		10.4	10.0	4.3	
2,4-Dimethylphenol	Ave	0.3402	0.3321		9.76	10.0	-2.4	
Benzoic acid	Qua		0.1765		17.5	20.0	-12.4	
Bis(2-chloroethoxy)methane	Ave	0.4978	0.4816		9.67	10.0	-3.3	
2,4-Dichlorophenol	Ave	0.2655	0.2681		10.1	10.0	1.0	
1,2,4-Trichlorobenzene	Ave	0.3560	0.3600		10.1	10.0	1.1	
Naphthalene	Ave	0.9776	0.9518		9.74	10.0	-2.6	
Hexachlorobutadiene	Ave	0.1932	0.1888		9.77	10.0	-2.3	
Caprolactam	Ave	0.0879	0.0968		11.0	10.0	10.2	
4-Chloro-3-methylphenol	Ave	0.2840	0.2763		9.73	10.0	-2.7	
2-Methylnaphthalene	Ave	0.6414	0.6122		9.54	10.0	-4.6	
Hexachlorocyclopentadiene	Ave	0.3381	0.3263		9.65	10.0	-3.5	
2,4,6-Trichlorophenol	Ave	0.3147	0.3387		10.8	10.0	7.6	
2,4,5-Trichlorophenol	Ave	0.3437	0.3562		10.4	10.0	3.6	
1,1'-Biphenyl	Ave	1.316	1.297		9.86	10.0	-1.4	
2-Chloronaphthalene	Ave	1.250	1.264		10.1	10.0	1.1	
2-Nitroaniline	Ave	0.3538	0.3721		10.5	10.0	5.2	
Dimethyl phthalate	Ave	1.149	1.144		9.96	10.0	-0.4	
2,6-Dinitrotoluene	Qua		0.3014		9.99	10.0	-0.1	
Acenaphthylene	Ave	1.643	1.702		10.4	10.0	3.6	
3-Nitroaniline	Ave	0.2829	0.2993		10.6	10.0	5.8	
2,4-Dinitrophenol	Qua		0.1533		20.7	20.0	3.3	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69977/2 Calibration Date: 12/24/2012 09:14

Instrument ID: A4HP7 Calib Start Date: 12/20/2012 13:47

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/20/2012 16:55

Lab File ID: 21224002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.024	1.004		9.81	10.0	-1.9	
4-Nitrophenol	Qua		0.1750		9.90	10.0	-1.0	
2,4-Dinitrotoluene	Qua		0.4118		9.97	10.0	-0.3	
Dibenzofuran	Ave	1.510	1.497		9.91	10.0	-0.9	
Diethyl phthalate	Ave	1.147	1.134		9.89	10.0	-1.1	
4-Chlorophenyl phenyl ether	Ave	0.6708	0.6767		10.1	10.0	0.9	
4-Nitroaniline	Ave	0.2803	0.3155		11.3	10.0	12.6	
Fluorene	Ave	1.204	1.217		10.1	10.0	1.0	
4,6-Dinitro-2-methylphenol	Qua		0.1248		10.1	10.0	0.7	
N-Nitrosodiphenylamine	Ave	0.5419	0.5371		9.91	10.0	-0.9	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.8354	0.8352		10.0	10.0	-0.0	
4-Bromophenyl phenyl ether	Ave	0.2319	0.2342		10.1	10.0	1.0	
Hexachlorobenzene	Ave	0.2309	0.2270		9.83	10.0	-1.7	
Atrazine	Ave	0.1525	0.1531		10.0	10.0	0.3	
Pentachlorophenol	Ave	0.1321	0.1445		21.9	20.0	9.3	
Phenanthrene	Ave	1.074	1.064		9.90	10.0	-1.0	
Anthracene	Ave	1.072	1.084		10.1	10.0	1.1	
Carbazole	Ave	1.027	1.035		10.1	10.0	0.7	
Di-n-butyl phthalate	Ave	1.161	1.152		9.93	10.0	-0.7	
Fluoranthene	Ave	1.179	1.156		9.81	10.0	-1.9	
Benzidine	Qua		0.4300		9.21	10.0	-7.9	
Pyrene	Ave	1.157	1.165		10.1	10.0	0.7	
Butyl benzyl phthalate	Ave	0.4697	0.4526		9.64	10.0	-3.6	
3,3'-Dichlorobenzidine	Ave	0.3801	0.3894		10.2	10.0	2.4	
Bis(2-ethylhexyl) phthalate	Qua		0.6633		9.41	10.0	-5.9	
Benzo[a]anthracene	Ave	1.034	1.029		9.95	10.0	-0.5	
Chrysene	Ave	0.9796	0.9487		9.68	10.0	-3.2	
Di-n-octyl phthalate	Qua		1.293		9.19	10.0	-8.1	
Benzo[b]fluoranthene	Ave	1.194	1.264		10.6	10.0	5.8	
Benzo[k]fluoranthene	Ave	1.281	1.318		10.3	10.0	2.8	
Benzo[a]pyrene	Ave	1.123	1.203		10.7	10.0	7.1	
Indeno[1,2,3-cd]pyrene	Ave	1.191	1.292		10.8	10.0	8.4	
Dibenz(a,h)anthracene	Ave	1.014	1.055		10.4	10.0	4.1	
Benzo[g,h,i]perylene	Ave	1.044	1.113		10.7	10.0	6.6	
2-Fluorophenol (Surr)	Ave	1.227	1.212		9.88	10.0	-1.2	
Phenol-d5 (Surr)	Ave	1.634	1.619		9.91	10.0	-0.9	
Nitrobenzene-d5 (Surr)	Ave	0.4406	0.4387		9.96	10.0	-0.4	
2-Fluorobiphenyl (Surr)	Ave	1.433	1.456		10.2	10.0	1.6	
2,4,6-Tribromophenol (Surr)	Ave	0.1345	0.1463		10.9	10.0	8.8	
Terphenyl-d14 (Surr)	Ave	0.8184	0.7969		9.74	10.0	-2.6	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224002.D
Lims ID: ccv tcl
Client ID:
Inject. Date: 24-Dec-2012 09:14:30
Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0016144-002
Misc. Info.: CCV TCL
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 2
Lims Batch ID: 69977
Lims Sample ID: 2
Sublist: chrom-8270_hp7*sub15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj
Date: 24-Dec-2012 09:54:24

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.873	5.873	0.0	97	225820	4.00	
* 2 Naphthalene-d8	136	6.991	6.991	0.0	100	896054	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	93	509786	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	831269	4.00	
* 5 Chrysene-d12	240	12.254	12.254	0.0	86	887772	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	92	699990	4.00	
$ 7 2-Fluorophenol	112	4.616	4.616	0.0	94	684344	9.88	
$ 8 Phenol-d5	99	5.515	5.515	0.0	90	914163	9.91	
$ 9 Nitrobenzene-d5	82	6.360	6.360	0.0	91	982679	9.96	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	1856030	10.2	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	85	186430	10.9	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	98	1768564	9.74	
24 1,4-Dioxane	88	2.402	2.402	0.0	97	287908	9.01	M
25 N-Nitrosodimethylamine	74	2.851	2.851	0.0	85	426981	9.71	
26 Pyridine	79	2.910	2.910	0.0	89	799125	10.2	
27 Ethyl methacrylate	69	3.568	3.568	0.0	90	606478	9.48	
28 3-Chloropropionitrile	54	3.953	3.953	0.0	84	606457	9.97	
32 Malononitrile	66	4.311	4.311	0.0	97	889103	9.79	
40 Benzaldehyde	77	5.477	5.477	0.0	90	738734	10.1	
41 Phenol	94	5.531	5.531	0.0	98	958321	9.92	
43 Aniline	93	5.574	5.574	0.0	97	1219090	9.71	
44 Bis(2-chloroethyl)ether	93	5.627	5.627	0.0	94	897312	9.57	
46 2-Chlorophenol	128	5.681	5.681	0.0	95	743703	9.74	
47 1,3-Dichlorobenzene	146	5.825	5.825	0.0	96	970779	9.80	
48 1,4-Dichlorobenzene	146	5.889	5.889	0.0	90	804391	9.78	
49 Benzyl alcohol	108	5.985	5.985	0.0	89	445014	9.35	
50 1,2-Dichlorobenzene	146	6.028	6.028	0.0	94	923304	9.73	
51 2-Methylphenol	108	6.076	6.076	0.0	97	683808	9.86	
52 2,2'-oxybis[1-chloropropane]	45	6.108	6.108	0.0	91	1265058	9.46	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.205	6.205	0.0	97	715498	9.60	
56 N-Nitrosodi-n-propylamine	70	6.221	6.221	0.0	88	531792	9.54	
57 Acetophenone	105	6.226	6.226	0.0	93	1058396	9.83	
60 Hexachloroethane	117	6.328	6.328	0.0	91	377407	9.69	
61 Nitrobenzene	77	6.376	6.376	0.0	87	1027312	10.1	
63 Isophorone	82	6.579	6.579	0.0	97	1417078	9.53	
65 2-Nitrophenol	139	6.654	6.654	0.0	96	382628	10.4	
66 1,3,5-Trichlorobenzene	180	6.665	6.665	0.0	95	797478	9.99	
64 2,4-Dimethylphenol	107	6.670	6.670	0.0	88	743877	9.76	
69 Benzoic acid	122	6.729	6.729	0.0	86	790787	17.5	
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	96	1078777	9.67	
71 2,4-Dichlorophenol	162	6.857	6.857	0.0	96	600466	10.1	
72 1,2,4-Trichlorobenzene	180	6.937	6.937	0.0	93	806390	10.1	
73 Naphthalene	128	7.007	7.007	0.0	98	2132151	9.74	
74 4-Chloroaniline	127	7.039	7.039	0.0	83	908182	9.83	
77 Hexachlorobutadiene	225	7.103	7.103	0.0	93	422907	9.77	
78 1,2,3-Trichlorobenzene	180	7.130	7.130	0.0	90	738230	0	
83 Caprolactam	113	7.323	7.323	0.0	70	216928	11.0	
84 4-Chloro-3-methylphenol	107	7.435	7.435	0.0	96	618936	9.73	
85 2-Methylnaphthalene	142	7.595	7.595	0.0	90	1371387	9.54	
86 1-Methylnaphthalene	142	7.681	7.681	0.0	83	1306639	9.70	
87 1,2,3,5-Tetrachlorobenzene	216	7.724	7.724	0.0	94	746524	10.2	
88 Hexachlorocyclopentadiene	237	7.724	7.724	0.0	84	415823	9.65	
90 2,4,6-Trichlorophenol	196	7.825	7.825	0.0	92	431716	10.8	
91 2,4,5-Trichlorophenol	196	7.852	7.852	0.0	93	453925	10.4	
94 2,4-Toluene diamine	121	7.964	7.964	0.0	96	384533	9.02	
96 1,2,3,4 -Tetrachlorobenzene	216	7.975	7.975	0.0	95	746371	0	
95 1,1'-Biphenyl	154	7.986	7.986	0.0	95	1652422	9.86	
98 2-Chloronaphthalene	162	8.013	8.013	0.0	96	1610858	10.1	
100 2-Nitroaniline	65	8.082	8.082	0.0	79	474263	10.5	
103 Dimethyl phthalate	163	8.221	8.221	0.0	98	1458589	9.96	
105 2,6-Dinitrotoluene	165	8.280	8.280	0.0	85	384166	10.0	
106 1,2-Dinitrobenzene	168	8.328	8.328	0.0	87	190687	9.75	
107 Acenaphthylene	152	8.366	8.366	0.0	95	2168669	10.4	
108 3-Nitroaniline	138	8.424	8.424	0.0	88	381431	10.6	
110 Acenaphthene	153	8.510	8.510	0.0	88	1279613	9.81	
109 2,4-Dinitrophenol	184	8.510	8.510	0.0	71	390627	20.7	
111 4-Nitrophenol	109	8.542	8.542	0.0	94	223004	9.90	
112 2,4-Dinitrotoluene	165	8.617	8.617	0.0	87	524849	9.97	
114 Dibenzofuran	168	8.654	8.654	0.0	88	1907533	9.91	
115 2,3,5,6-Tetrachlorophenol	232	8.708	8.708	0.0	90	367728	10.6	
119 Diethyl phthalate	149	8.809	8.809	0.0	96	1445760	9.89	
121 4-Chlorophenyl phenyl ether	204	8.927	8.927	0.0	95	862487	10.1	
123 4-Nitroaniline	138	8.938	8.938	0.0	78	402075	11.3	
124 Fluorene	166	8.943	8.943	0.0	89	1550598	10.1	
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	79	259436	10.1	
130 N-Nitrosodiphenylamine	169	9.023	9.023	0.0	0	1116077	9.91	
131 Azobenzene	77	9.061	9.061	0.0	99	1735755	10.0	
129 1,2-Diphenylhydrazine	77	9.061	9.061	0.0	0	1735755	10.0	
137 4-Bromophenyl phenyl ether	248	9.344	9.344	0.0	67	486718	10.1	
139 Hexachlorobenzene	284	9.403	9.403	0.0	85	471728	9.83	
140 Atrazine	200	9.457	9.457	0.0	90	318060	10.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.564	9.564	0.0	83	600375	21.9	
146 Phenanthrene	178	9.756	9.756	0.0	97	2210316	9.90	
147 Anthracene	178	9.799	9.799	0.0	97	2252686	10.1	
149 Carbazole	167	9.922	9.922	0.0	82	2150154	10.1	
151 Di-n-butyl phthalate	149	10.184	10.184	0.0	100	2395039	9.93	
157 Fluoranthene	202	10.762	10.762	0.0	98	2402521	9.81	
158 Benzidine	184	10.853	10.853	0.0	99	954238	9.21	
160 Pyrene	202	10.965	10.965	0.0	96	2586290	10.1	
166 Butyl benzyl phthalate	149	11.548	11.548	0.0	97	1004429	9.64	
170 3,3'-Dimethoxybenzidine	244	12.147	12.147	0.0	87	451062	8.37	
173 3,3'-Dichlorobenzidine	252	12.184	12.184	0.0	69	864222	10.2	
172 4,4'-Methylene bis(2-chloroanili	231	12.190	12.190	0.0	71	424685	9.86	
171 Bis(2-ethylhexyl) phthalate	149	12.211	12.211	0.0	97	1472128	9.41	
175 Benzo[a]anthracene	228	12.238	12.238	0.0	98	2282965	9.95	
176 Chrysene	228	12.286	12.286	0.0	96	2105567	9.68	
178 Di-n-octyl phthalate	149	13.099	13.099	0.0	99	2262102	9.19	
180 Benzo[b]fluoranthene	252	13.720	13.720	0.0	94	2212041	10.6	
181 Benzo[k]fluoranthene	252	13.757	13.757	0.0	99	2305804	10.3	
182 Benzo[a]pyrene	252	14.212	14.212	0.0	75	2105416	10.7	
186 Indeno[1,2,3-cd]pyrene	276	15.923	15.923	0.0	93	2260738	10.8	
187 Dibenz(a,h)anthracene	278	15.950	15.950	0.0	67	1846622	10.4	
188 Benzo[g,h,i]perylene	276	16.356	16.356	0.0	95	1947608	10.7	
S 189 Methyl Phenols,Total	100				0		9.86	

QC Flag Legend

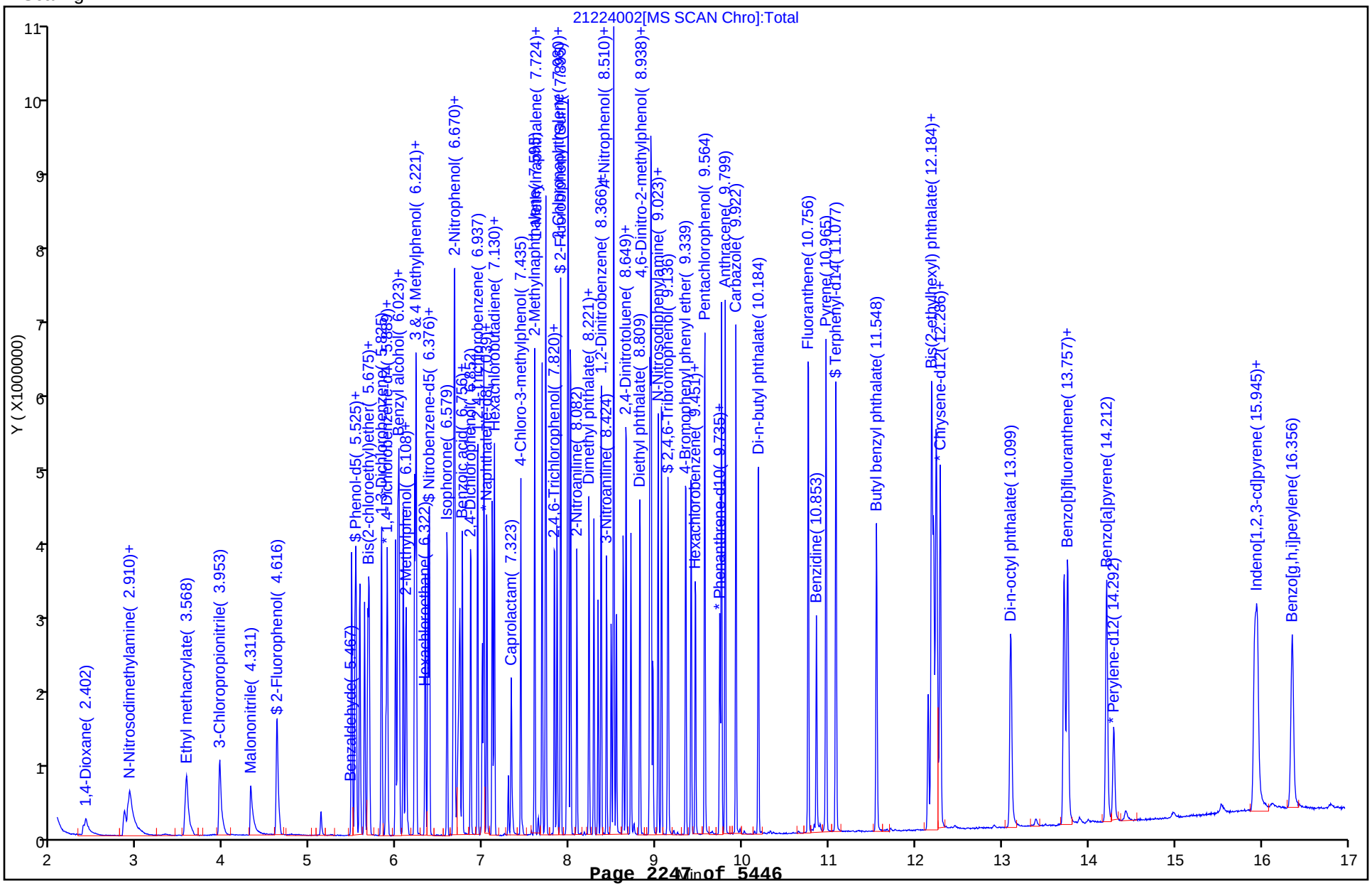
Review Flags
M - Manually Integrated

Report Date: 26-Dec-2012 13:04:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224002.D		
Injection Date:	24-Dec-2012 09:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

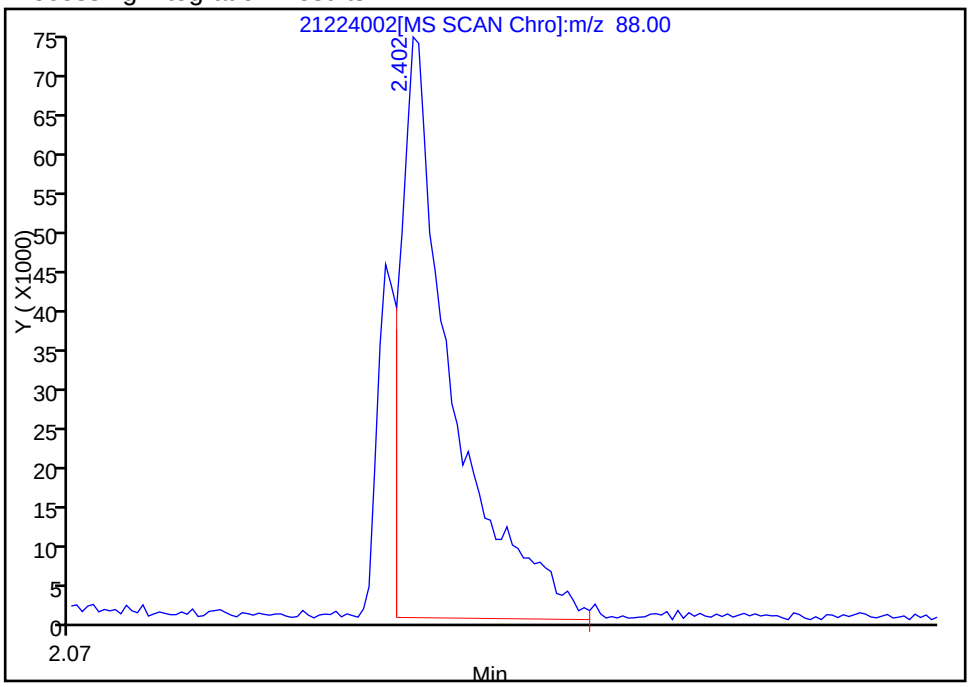
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224002.D		
Injection Date:	24-Dec-2012 09:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.40

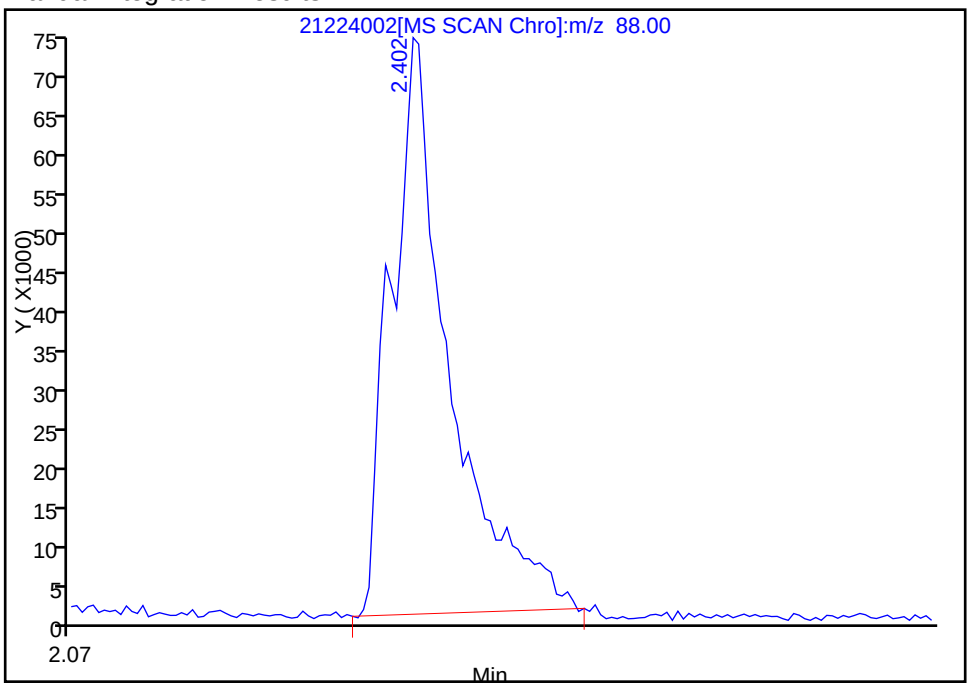
Processing Integration Results

RT: 2.40
Response: 253070
Amount: 7.922716



Manual Integration Results

RT: 2.40
Response: 287908
Amount: 9.013369



Reviewer: gruberj, 24-Dec-2012 09:54:24
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-70078/2 Calibration Date: 12/26/2012 09:15

Instrument ID: A4HP7 Calib Start Date: 12/20/2012 13:47

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/20/2012 16:55

Lab File ID: 21226002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5658	0.5368		9.49	10.0	-5.1	
N-Nitrosodimethylamine	Ave	0.7786	0.8018		10.3	10.0	3.0	
Pyridine	Ave	1.388	1.446		10.4	10.0	4.2	
Benzaldehyde	Ave	1.293	1.332		10.3	10.0	3.0	
Phenol	Ave	1.712	1.761		10.3	10.0	2.9	
Aniline	Ave	2.224	2.271		10.2	10.0	2.1	
Bis(2-chloroethyl)ether	Ave	1.661	1.650		9.94	10.0	-0.6	
2-Chlorophenol	Ave	1.352	1.387		10.3	10.0	2.6	
1,3-Dichlorobenzene	Ave	1.754	1.775		10.1	10.0	1.2	
1,4-Dichlorobenzene	Ave	1.456	1.478		10.1	10.0	1.5	
Benzyl alcohol	Ave	0.8431	0.8149		9.67	10.0	-3.3	
1,2-Dichlorobenzene	Ave	1.680	1.707		10.2	10.0	1.6	
2-Methylphenol	Ave	1.229	1.263		10.3	10.0	2.8	
3 & 4 Methylphenol	Ave	1.320	1.315		9.97	10.0	-0.3	
N-Nitrosodi-n-propylamine	Ave	0.9869	1.002		10.1	10.0	1.5	
Acetophenone	Ave	1.907	1.914		10.0	10.0	0.4	
Hexachloroethane	Ave	0.6897	0.7054		10.2	10.0	2.3	
Nitrobenzene	Ave	0.4559	0.4663		10.2	10.0	2.3	
Isophorone	Ave	0.6634	0.6488		9.78	10.0	-2.2	
2-Nitrophenol	Ave	0.1637	0.1695		10.3	10.0	3.5	
2,4-Dimethylphenol	Ave	0.3402	0.3388		9.96	10.0	-0.4	
Benzoic acid	Qua		0.1812		17.9	20.0	-10.3	
Bis(2-chloroethoxy)methane	Ave	0.4978	0.4870		9.78	10.0	-2.2	
2,4-Dichlorophenol	Ave	0.2655	0.2737		10.3	10.0	3.1	
1,2,4-Trichlorobenzene	Ave	0.3560	0.3580		10.1	10.0	0.6	
Naphthalene	Ave	0.9776	0.9593		9.81	10.0	-1.9	
Hexachlorobutadiene	Ave	0.1932	0.1920		9.94	10.0	-0.6	
Caprolactam	Ave	0.0879	0.1004		11.4	10.0	14.3	
4-Chloro-3-methylphenol	Ave	0.2840	0.2863		10.1	10.0	0.8	
2-Methylnaphthalene	Ave	0.6414	0.6273		9.78	10.0	-2.2	
Hexachlorocyclopentadiene	Ave	0.3381	0.2728		8.07	10.0	-19.3	
2,4,6-Trichlorophenol	Ave	0.3147	0.3279		10.4	10.0	4.2	
2,4,5-Trichlorophenol	Ave	0.3437	0.3467		10.1	10.0	0.9	
1,1'-Biphenyl	Ave	1.316	1.277		9.70	10.0	-3.0	
2-Chloronaphthalene	Ave	1.250	1.240		9.92	10.0	-0.8	
2-Nitroaniline	Ave	0.3538	0.3669		10.4	10.0	3.7	
Dimethyl phthalate	Ave	1.149	1.132		9.85	10.0	-1.5	
2,6-Dinitrotoluene	Qua		0.2862		9.52	10.0	-4.8	
Acenaphthylene	Ave	1.643	1.652		10.1	10.0	0.6	
3-Nitroaniline	Ave	0.2829	0.2989		10.6	10.0	5.7	
Acenaphthene	Ave	1.024	0.9878		9.65	10.0	-3.5	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-70078/2 Calibration Date: 12/26/2012 09:15

Instrument ID: A4HP7 Calib Start Date: 12/20/2012 13:47

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/20/2012 16:55

Lab File ID: 21226002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua		0.1456		19.7	20.0	-1.4	
4-Nitrophenol	Qua		0.1611		9.19	10.0	-8.1	
2,4-Dinitrotoluene	Qua		0.4092		9.91	10.0	-0.9	
Dibenzofuran	Ave	1.510	1.457		9.65	10.0	-3.5	
Diethyl phthalate	Ave	1.147	1.119		9.75	10.0	-2.5	
4-Chlorophenyl phenyl ether	Ave	0.6708	0.6648		9.91	10.0	-0.9	
4-Nitroaniline	Ave	0.2803	0.3057		10.9	10.0	9.1	
Fluorene	Ave	1.204	1.197		9.94	10.0	-0.6	
4,6-Dinitro-2-methylphenol	Qua		0.1215		9.82	10.0	-1.8	
N-Nitrosodiphenylamine	Ave	0.5419	0.5520		10.2	10.0	1.9	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.8354	0.8545		10.2	10.0	2.3	
4-Bromophenyl phenyl ether	Ave	0.2319	0.2368		10.2	10.0	2.1	
Hexachlorobenzene	Ave	0.2309	0.2306		9.99	10.0	-0.1	
Atrazine	Ave	0.1525	0.1576		10.3	10.0	3.3	
Pentachlorophenol	Ave	0.1321	0.1387		21.0	20.0	5.0	
Phenanthrene	Ave	1.074	1.077		10.0	10.0	0.3	
Anthracene	Ave	1.072	1.106		10.3	10.0	3.2	
Carbazole	Ave	1.027	1.060		10.3	10.0	3.2	
Di-n-butyl phthalate	Ave	1.161	1.196		10.3	10.0	3.1	
Fluoranthene	Ave	1.179	1.177		9.99	10.0	-0.1	
Benzidine	Qua		0.4592		9.78	10.0	-2.2	
Pyrene	Ave	1.157	1.210		10.5	10.0	4.5	
Butyl benzyl phthalate	Ave	0.4697	0.4962		10.6	10.0	5.6	
3,3'-Dichlorobenzidine	Ave	0.3801	0.4037		10.6	10.0	6.2	
Bis(2-ethylhexyl) phthalate	Qua		0.6891		9.75	10.0	-2.5	
Benzo[a]anthracene	Ave	1.034	1.063		10.3	10.0	2.8	
Chrysene	Ave	0.9796	1.013		10.3	10.0	3.4	
Di-n-octyl phthalate	Qua		1.312		9.32	10.0	-6.8	
Benzo[b]fluoranthene	Ave	1.194	1.257		10.5	10.0	5.2	
Benzo[k]fluoranthene	Ave	1.281	1.305		10.2	10.0	1.8	
Benzo[a]pyrene	Ave	1.123	1.209		10.8	10.0	7.7	
Indeno[1,2,3-cd]pyrene	Ave	1.191	1.271		10.7	10.0	6.7	
Dibenz(a,h)anthracene	Ave	1.014	1.052		10.4	10.0	3.7	
Benzo[g,h,i]perylene	Ave	1.044	1.116		10.7	10.0	6.9	
2-Fluorophenol (Surr)	Ave	1.227	1.256		10.2	10.0	2.3	
Phenol-d5 (Surr)	Ave	1.634	1.708		10.5	10.0	4.5	
Nitrobenzene-d5 (Surr)	Ave	0.4406	0.4382		9.95	10.0	-0.5	
2-Fluorobiphenyl (Surr)	Ave	1.433	1.394		9.73	10.0	-2.7	
2,4,6-Tribromophenol (Surr)	Ave	0.1345	0.1463		10.9	10.0	8.8	
Terphenyl-d14 (Surr)	Ave	0.8184	0.8396		10.3	10.0	2.6	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226002.D
Lims ID: ccv tcl
Client ID:
Inject. Date: 26-Dec-2012 09:15:30
Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0016171-002
Misc. Info.: CCV TCL
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 2
Lims Batch ID: 70078
Lims Sample ID: 2
Sublist: chrom-8270_hp7*sub15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\8270_hp7.m
Last Update: 27-Dec-2012 09:55:09
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK036

First Level Reviewer: gruberj
Date: 26-Dec-2012 09:44:12

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.861	5.861	0.0	97	214593	4.00	
* 2 Naphthalene-d8	136	6.979	6.979	0.0	100	865513	4.00	
* 3 Acenaphthene-d10	164	8.471	8.471	0.0	92	511616	4.00	
* 4 Phenanthrene-d10	188	9.722	9.722	0.0	98	805358	4.00	
* 5 Chrysene-d12	240	12.236	12.236	0.0	93	830096	4.00	
* 6 Perylene-d12	264	14.274	14.274	0.0	92	685405	4.00	
$ 7 2-Fluorophenol	112	4.598	4.598	0.0	94	673809	10.2	
$ 8 Phenol-d5	99	5.502	5.502	0.0	90	916291	10.5	
$ 9 Nitrobenzene-d5	82	6.347	6.347	0.0	92	948210	9.95	
$ 10 2-Fluorobiphenyl (Surr)	172	7.882	7.882	0.0	100	1783018	9.73	
$ 11 2,4,6-Tribromophenol	330	9.129	9.129	0.0	84	187115	10.9	
$ 12 Terphenyl-d14	244	11.070	11.070	0.0	98	1742433	10.3	
24 1,4-Dioxane	88	2.373	2.373	0.0	97	287960	9.49	M
25 N-Nitrosodimethylamine	74	2.817	2.817	0.0	85	430131	10.3	
26 Pyridine	79	2.881	2.881	0.0	88	775621	10.4	
27 Ethyl methacrylate	69	3.545	3.545	0.0	90	608562	10.0	
28 3-Chloropropionitrile	54	3.930	3.930	0.0	85	606726	10.5	
32 Malononitrile	66	4.294	4.294	0.0	97	851247	9.86	
40 Benzaldehyde	77	5.465	5.465	0.0	89	714550	10.3	
41 Phenol	94	5.513	5.513	0.0	97	944525	10.3	
43 Aniline	93	5.556	5.556	0.0	97	1218268	10.2	
44 Bis(2-chloroethyl)ether	93	5.615	5.615	0.0	92	885264	9.94	
46 2-Chlorophenol	128	5.668	5.668	0.0	96	744345	10.3	
47 1,3-Dichlorobenzene	146	5.813	5.813	0.0	95	952049	10.1	
48 1,4-Dichlorobenzene	146	5.877	5.877	0.0	92	792878	10.1	
49 Benzyl alcohol	108	5.973	5.973	0.0	89	437197	9.67	
50 1,2-Dichlorobenzene	146	6.010	6.010	0.0	92	915981	10.2	
51 2-Methylphenol	108	6.064	6.064	0.0	97	677822	10.3	
52 2,2'-oxybis[1-chloropropane]	45	6.096	6.096	0.0	91	1253152	9.87	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.192	6.192	0.0	97	705710	9.97	
56 N-Nitrosodi-n-propylamine	70	6.208	6.208	0.0	88	537401	10.1	
57 Acetophenone	105	6.214	6.214	0.0	94	1026761	10.0	
60 Hexachloroethane	117	6.315	6.315	0.0	92	378436	10.2	
61 Nitrobenzene	77	6.363	6.363	0.0	87	1008885	10.2	
63 Isophorone	82	6.567	6.567	0.0	96	1403797	9.78	
65 2-Nitrophenol	139	6.642	6.642	0.0	95	366651	10.3	
66 1,3,5-Trichlorobenzene	180	6.652	6.652	0.0	94	786629	10.2	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	90	733111	9.96	
69 Benzoic acid	122	6.722	6.722	0.0	82	783958	17.9	
68 Bis(2-chloroethoxy)methane	93	6.749	6.749	0.0	96	1053779	9.78	
71 2,4-Dichlorophenol	162	6.845	6.845	0.0	96	592277	10.3	
72 1,2,4-Trichlorobenzene	180	6.925	6.925	0.0	93	774553	10.1	
73 Naphthalene	128	6.995	6.995	0.0	97	2075729	9.81	
74 4-Chloroaniline	127	7.032	7.032	0.0	84	883588	9.90	
77 Hexachlorobutadiene	225	7.091	7.091	0.0	91	415524	9.94	
78 1,2,3-Trichlorobenzene	180	7.118	7.118	0.0	90	733660	0	
83 Caprolactam	113	7.315	7.315	0.0	72	217276	11.4	
84 4-Chloro-3-methylphenol	107	7.422	7.422	0.0	97	619502	10.1	
85 2-Methylnaphthalene	142	7.583	7.583	0.0	90	1357266	9.78	
86 1-Methylnaphthalene	142	7.668	7.668	0.0	91	1290183	9.92	
87 1,2,3,5-Tetrachlorobenzene	216	7.711	7.711	0.0	95	736143	10.0	
88 Hexachlorocyclopentadiene	237	7.711	7.711	0.0	84	348885	8.07	
90 2,4,6-Trichlorophenol	196	7.813	7.813	0.0	93	419332	10.4	
91 2,4,5-Trichlorophenol	196	7.840	7.840	0.0	94	443379	10.1	
94 2,4-Toluene diamine	121	7.957	7.957	0.0	97	341476	8.30	
96 1,2,3,4 -Tetrachlorobenzene	216	7.968	7.968	0.0	88	711437	0	
95 1,1'-Biphenyl	154	7.973	7.973	0.0	95	1632923	9.70	
98 2-Chloronaphthalene	162	8.000	8.000	0.0	96	1586360	9.92	
100 2-Nitroaniline	65	8.070	8.070	0.0	78	469251	10.4	
103 Dimethyl phthalate	163	8.214	8.214	0.0	98	1448045	9.85	
105 2,6-Dinitrotoluene	165	8.268	8.268	0.0	87	366002	9.52	
106 1,2-Dinitrobenzene	168	8.316	8.316	0.0	87	187110	9.55	
107 Acenaphthylene	152	8.353	8.353	0.0	95	2113442	10.1	
108 3-Nitroaniline	138	8.417	8.417	0.0	91	382332	10.6	
110 Acenaphthene	153	8.498	8.498	0.0	89	1263418	9.65	
109 2,4-Dinitrophenol	184	8.503	8.503	0.0	81	372458	19.7	
111 4-Nitrophenol	109	8.530	8.530	0.0	94	206060	9.19	
112 2,4-Dinitrotoluene	165	8.610	8.610	0.0	82	523349	9.91	
114 Dibenzofuran	168	8.642	8.642	0.0	87	1863394	9.65	
115 2,3,5,6-Tetrachlorophenol	232	8.695	8.695	0.0	85	362071	10.4	
119 Diethyl phthalate	149	8.802	8.802	0.0	96	1431108	9.75	
121 4-Chlorophenyl phenyl ether	204	8.915	8.915	0.0	96	850272	9.91	
123 4-Nitroaniline	138	8.931	8.931	0.0	59	390975	10.9	
124 Fluorene	166	8.931	8.931	0.0	82	1530377	9.94	
126 4,6-Dinitro-2-methylphenol	198	8.952	8.952	0.0	80	244555	9.82	
130 N-Nitrosodiphenylamine	169	9.011	9.011	0.0	0	1111418	10.2	
131 Azobenzene	77	9.048	9.048	0.0	99	1720478	10.2	
129 1,2-Diphenylhydrazine	77	9.048	9.048	0.0	0	1720478	10.2	
137 4-Bromophenyl phenyl ether	248	9.332	9.332	0.0	66	476814	10.2	
139 Hexachlorobenzene	284	9.391	9.391	0.0	85	464205	9.99	
140 Atrazine	200	9.444	9.444	0.0	88	317347	10.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.551	9.551	0.0	84	558642	21.0	
146 Phenanthrene	178	9.744	9.744	0.0	97	2169074	10.0	
147 Anthracene	178	9.787	9.787	0.0	97	2226483	10.3	
149 Carbazole	167	9.910	9.910	0.0	82	2133443	10.3	
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	100	2408884	10.3	
157 Fluoranthene	202	10.749	10.749	0.0	97	2370186	9.99	
158 Benzidine	184	10.846	10.846	0.0	99	952921	9.78	
160 Pyrene	202	10.953	10.953	0.0	95	2511014	10.5	
166 Butyl benzyl phthalate	149	11.536	11.536	0.0	96	1029715	10.6	
170 3,3'-Dimethoxybenzidine	244	12.135	12.135	0.0	86	477614	9.33	
172 4,4'-Methylene bis(2-chloroanili	231	12.172	12.172	0.0	72	402483	9.98	
173 3,3'-Dichlorobenzidine	252	12.172	12.172	0.0	69	837762	10.6	
171 Bis(2-ethylhexyl) phthalate	149	12.193	12.193	0.0	95	1430130	9.75	
175 Benzo[a]anthracene	228	12.226	12.226	0.0	97	2205755	10.3	
176 Chrysene	228	12.268	12.268	0.0	93	2101464	10.3	
178 Di-n-octyl phthalate	149	13.087	13.087	0.0	99	2248939	9.32	
180 Benzo[b]fluoranthene	252	13.702	13.702	0.0	95	2154106	10.5	
181 Benzo[k]fluoranthene	252	13.745	13.745	0.0	95	2235580	10.2	
182 Benzo[a]pyrene	252	14.194	14.194	0.0	75	2072392	10.8	
186 Indeno[1,2,3-cd]pyrene	276	15.905	15.905	0.0	93	2178608	10.7	
187 Dibenz(a,h)anthracene	278	15.932	15.932	0.0	83	1802744	10.4	
188 Benzo[g,h,i]perylene	276	16.339	16.339	0.0	93	1911610	10.7	
S 189 Methyl Phenols,Total	100				0		10.3	

QC Flag Legend

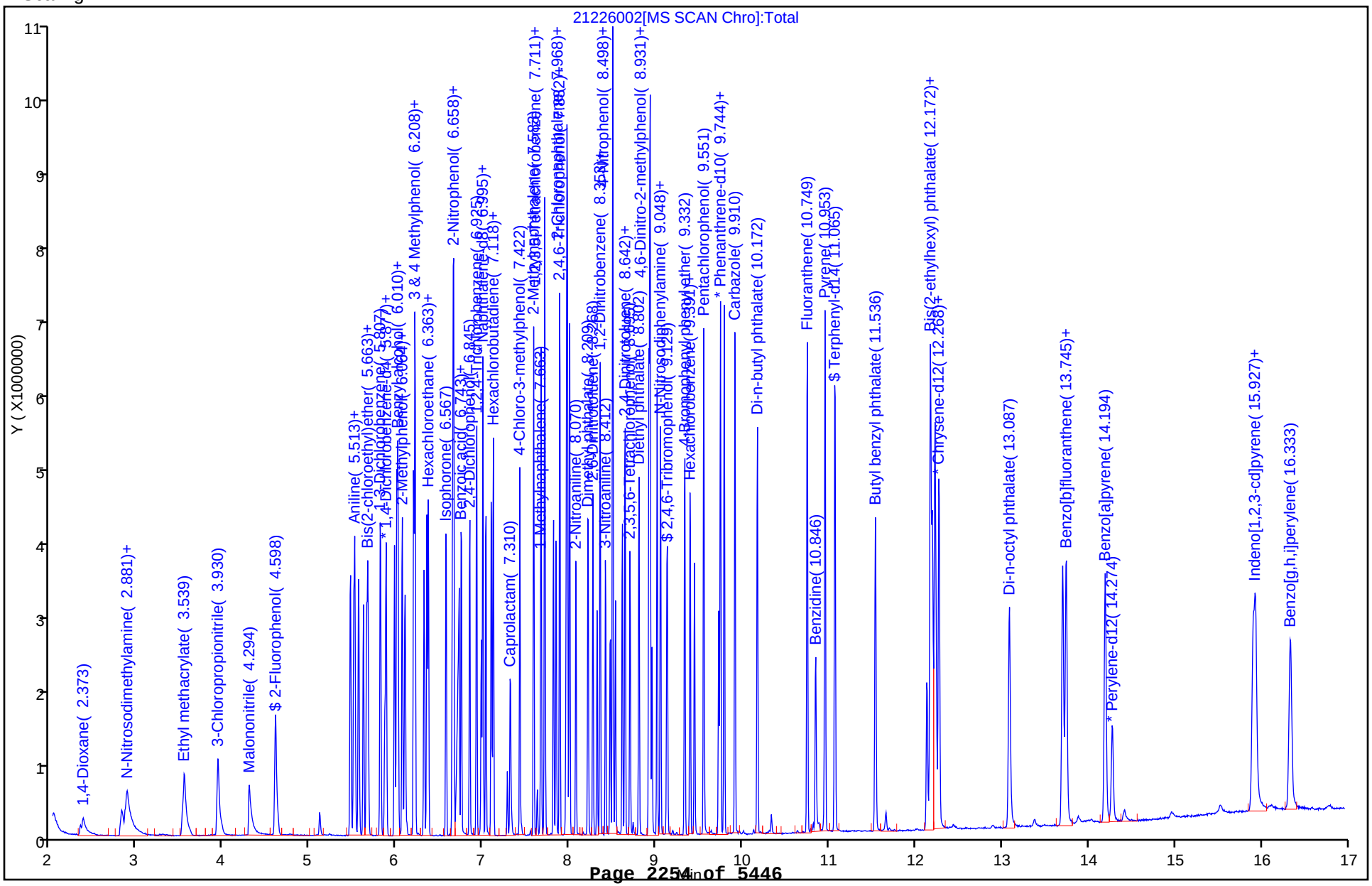
Review Flags
M - Manually Integrated

Report Date: 27-Dec-2012 09:55:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226002.D		
Injection Date:	26-Dec-2012 09:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

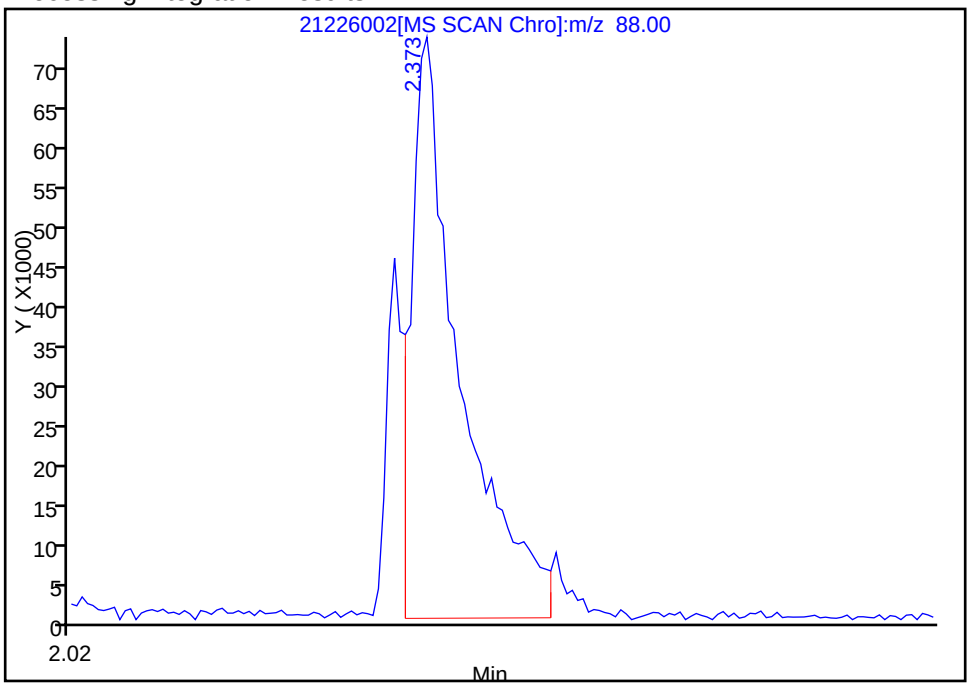
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226002.D		
Injection Date:	26-Dec-2012 09:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.37

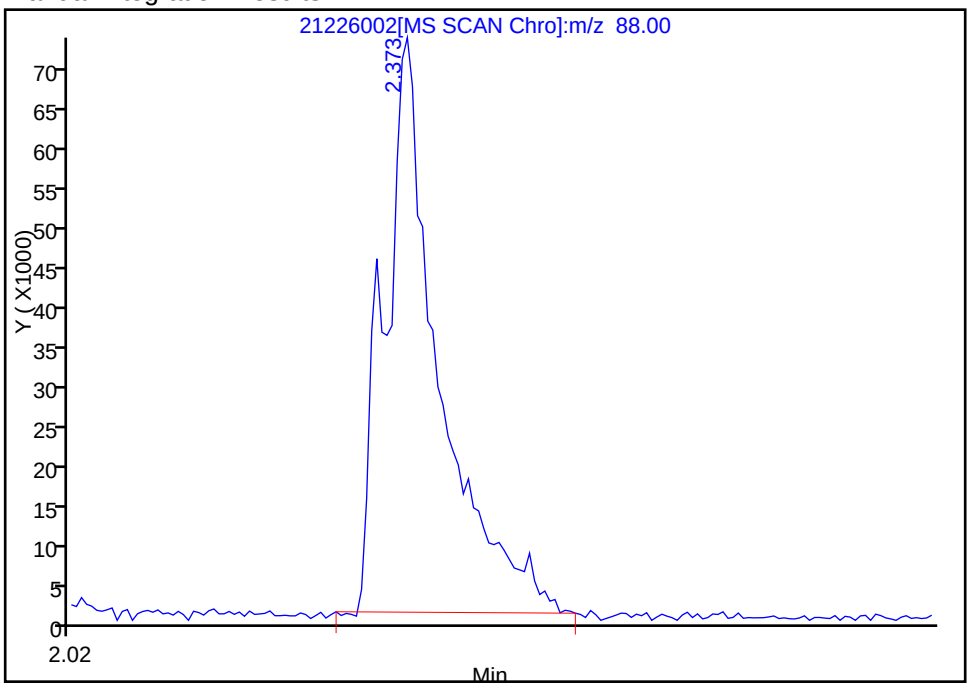
Processing Integration Results

RT: 2.37
Response: 246658
Amount: 8.125975



Manual Integration Results

RT: 2.37
Response: 287960
Amount: 9.486640



Reviewer: gruberj, 26-Dec-2012 09:44:12
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-69908/3 Calibration Date: 12/22/2012 12:30

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21222003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6973	0.8025		11.5	10.0	15.1	
N-Nitrosodimethylamine	Ave	1.057	1.147		10.8	10.0	8.5	
Benzaldehyde	Ave	1.741	0.2876		1.65	10.0	-83.5	
Phenol	Ave	2.227	2.255		10.1	10.0	1.3	
Aniline	Ave	2.770	2.378		8.58	10.0	-14.2	
Bis(2-chloroethyl)ether	Ave	2.114	1.795		8.49	10.0	-15.1	
2-Chlorophenol	Ave	1.343	1.358		10.1	10.0	1.1	
1,3-Dichlorobenzene	Ave	1.736	1.439		8.29	10.0	-17.1	
1,4-Dichlorobenzene	Ave	1.410	1.421		10.1	10.0	0.7	
Benzyl alcohol	Ave	0.9903	1.083		10.9	10.0	9.4	
1,2-Dichlorobenzene	Ave	1.684	1.396		8.29	10.0	-17.1	
2-Methylphenol	Ave	1.461	1.382		9.46	10.0	-5.4	
3 & 4 Methylphenol	Ave	1.532	1.562		10.2	10.0	2.0	
N-Nitrosodi-n-propylamine	Ave	1.380	1.492		10.8	10.0	8.1	
Acetophenone	Ave	2.237	2.240		10.0	10.0	0.1	
Hexachloroethane	Ave	0.7413	0.6579		8.87	10.0	-11.3	
Nitrobenzene	Ave	0.6419	0.5302		8.26	10.0	-17.4	
Isophorone	Ave	0.9811	0.9645		9.83	10.0	-1.7	
2-Nitrophenol	Qua		0.1845		10.6	10.0	5.6	
2,4-Dimethylphenol	Ave	0.4258	0.3901		9.16	10.0	-8.4	
Benzoic acid	Qua		0.2258		19.4	20.0	-2.8	
Bis(2-chloroethoxy)methane	Ave	0.6654	0.5536		8.32	10.0	-16.8	
2,4-Dichlorophenol	Ave	0.2599	0.2641		10.2	10.0	1.6	
1,2,4-Trichlorobenzene	Ave	0.3814	0.3054		8.01	10.0	-19.9	
Naphthalene	Ave	1.053	1.039		9.86	10.0	-1.4	
Hexachlorobutadiene	Ave	0.2118	0.1783		8.41	10.0	-15.9	
Caprolactam	Qua		0.1190		9.85	10.0	-1.5	
4-Chloro-3-methylphenol	Ave	0.3508	0.3629		10.3	10.0	3.4	
2-Methylnaphthalene	Ave	0.6956	0.6587		9.47	10.0	-5.3	
Hexachlorocyclopentadiene	Ave	0.3891	0.3491		8.97	10.0	-10.3	
2,4,6-Trichlorophenol	Ave	0.3354	0.3603		10.7	10.0	7.4	
2,4,5-Trichlorophenol	Ave	0.3595	0.3859		10.7	10.0	7.4	
1,1'-Biphenyl	Ave	1.497	1.533		10.2	10.0	2.4	
2-Chloronaphthalene	Ave	1.315	1.071		8.15	10.0	-18.5	
2-Nitroaniline	Qua		0.4598		10.3	10.0	2.7	
Dimethyl phthalate	Ave	1.183	1.244		10.5	10.0	5.1	
2,6-Dinitrotoluene	Qua		0.2771		8.57	10.0	-14.3	
Acenaphthylene	Ave	1.895	1.856		9.79	10.0	-2.1	
3-Nitroaniline	Ave	0.2833	0.2912		10.3	10.0	2.8	
2,4-Dinitrophenol	Qua		0.1812		19.4	20.0	-3.1	
Acenaphthene	Ave	1.208	1.167		9.66	10.0	-3.4	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-69908/3 Calibration Date: 12/22/2012 12:30

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21222003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitrophenol	Qua		0.2101		9.86	10.0	-1.4	
2,4-Dinitrotoluene	Qua		0.3645		8.65	10.0	-13.5	
Dibenzofuran	Ave	1.684	1.632		9.69	10.0	-3.1	
Diethyl phthalate	Ave	1.266	1.298		10.3	10.0	2.5	
4-Chlorophenyl phenyl ether	Ave	0.7948	0.6742		8.48	10.0	-15.2	
4-Nitroaniline	Qua		0.3109		9.25	10.0	-7.5	
Fluorene	Ave	1.283	1.262		9.83	10.0	-1.7	
4,6-Dinitro-2-methylphenol	Qua		0.1275		9.96	10.0	-0.4	
N-Nitrosodiphenylamine	Ave	0.5510	0.5478		9.94	10.0	-0.6	
4-Bromophenyl phenyl ether	Ave	0.2394	0.2008		8.39	10.0	-16.1	
Hexachlorobenzene	Ave	0.2304	0.1802		7.82	10.0	-21.8	
Atrazine	Ave	0.1512	0.1008		6.66	10.0	-33.4	
Pentachlorophenol	Qua		0.1380		18.8	20.0	-5.8	
Phenanthrene	Ave	1.112	1.080		9.71	10.0	-2.9	
Anthracene	Ave	1.098	1.081		9.85	10.0	-1.5	
Carbazole	Ave	1.008	1.055		10.5	10.0	4.7	
Di-n-butyl phthalate	Ave	1.243	1.344		10.8	10.0	8.1	
Fluoranthene	Ave	1.226	1.225		9.99	10.0	-0.1	
Benzidine	Qua		0.0322		1.15	10.0	-88.5	
Pyrene	Ave	1.301	1.288		9.90	10.0	-1.0	
Butyl benzyl phthalate	Ave	0.5049	0.5603		11.1	10.0	11.0	
3,3'-Dichlorobenzidine	Ave	0.4073	0.2984		7.33	10.0	-26.7	
Bis(2-ethylhexyl) phthalate	Ave	0.7356	0.8030		10.9	10.0	9.2	
Benzo[a]anthracene	Qua		1.146		9.72	10.0	-2.8	
Chrysene	Ave	1.120	1.136		10.1	10.0	1.4	
Di-n-octyl phthalate	Qua		1.534		9.79	10.0	-2.1	
Benzo[b]fluoranthene	Ave	1.334	1.258		9.43	10.0	-5.7	
Benzo[k]fluoranthene	Ave	1.355	1.382		10.2	10.0	2.0	
Benzo[a]pyrene	Ave	1.213	1.110		9.15	10.0	-8.5	
Indeno[1,2,3-cd]pyrene	Ave	1.344	1.327		9.88	10.0	-1.2	
Dibenz(a,h)anthracene	Ave	1.040	1.028		9.89	10.0	-1.1	
Benzo[g,h,i]perylene	Qua		1.109		9.70	10.0	-3.0	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121222-16124.b\21222003.D
Lims ID: icv ind
Client ID:
Inject. Date: 22-Dec-2012 12:30:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0016124-003
Misc. Info.: ICV IND =ICV IND
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 69908
Lims Sample ID: 3
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121222-16124.b\8270 _9.m
Last Update: 24-Dec-2012 10:24:16
Calib Date: 21-Dec-2012 20:45:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK008

First Level Reviewer: ulmanm
Date: 22-Dec-2012 13:10:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.000	6.004	-0.004	95	129098	4.00	
* 2 Naphthalene-d8	136	7.111	7.110	0.001	99	507424	4.00	
* 3 Acenaphthene-d10	164	8.607	8.606	0.001	90	292629	4.00	
* 4 Phenanthrene-d10	188	9.868	9.872	-0.004	94	521564	4.00	
* 5 Chrysene-d12	240	12.469	12.474	-0.005	73	510621	4.00	
* 6 Perylene-d12	264	14.590	14.595	-0.005	88	413920	4.00	
25 1,4-Dioxane	88	2.693	2.692	0.001	87	258995	11.5	M
26 N-Nitrosodimethylamine	74	3.169	3.162	0.007	79	370151	10.8	M
41 Benzaldehyde	77	5.610	5.609	0.001	88	92832	1.65	
43 Phenol	94	5.647	5.652	-0.005	97	727938	10.1	
44 Aniline	93	5.701	5.700	0.001	96	767348	8.58	
69 Bis(2-chloroethyl)ether	93	5.754	5.753	0.001	96	579486	8.49	
46 2-Chlorophenol	128	5.808	5.807	0.001	93	438184	10.1	
47 1,3-Dichlorobenzene	146	5.952	5.951	0.001	90	464310	8.29	
48 1,4-Dichlorobenzene	146	6.016	6.020	-0.004	84	458513	10.1	
49 Benzyl alcohol	108	6.107	6.106	0.001	86	349611	10.9	
50 1,2-Dichlorobenzene	146	6.155	6.154	0.001	88	450553	8.29	
51 2-Methylphenol	108	6.192	6.191	0.001	94	446176	9.46	
53 2,2'-oxybis[1-chloropropane]	45	6.224	6.229	-0.005	96	580780	8.47	
21 3 & 4 Methylphenol	108	6.321	6.320	0.001	92	504141	10.2	
56 N-Nitrosopyrrolidine	100	6.321	6.324	-0.003	81	255405	11.3	
57 N-Nitrosodi-n-propylamine	70	6.337	6.341	-0.004	74	481521	10.8	
58 Acetophenone	105	6.347	6.346	0.001	83	722902	10.0	
61 Hexachloroethane	117	6.454	6.453	0.001	88	212321	8.87	
62 Nitrobenzene	77	6.497	6.501	-0.004	83	672621	8.26	
64 Isophorone	82	6.700	6.699	0.001	95	1223494	9.83	
66 2-Nitrophenol	139	6.775	6.774	0.001	95	233988	10.6	
65 2,4-Dimethylphenol	107	6.785	6.784	0.001	97	494836	9.16	
71 Benzoic acid	122	6.839	6.843	-0.004	85	572976	19.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 Bis(2-chloroethoxy)methane	93	6.871	6.875	-0.004	98	702237	8.32	
73 2,4-Dichlorophenol	162	6.972	6.971	0.001	96	334998	10.2	
74 1,2,4-Trichlorobenzene	180	7.052	7.057	-0.005	81	387383	8.01	
75 Naphthalene	128	7.127	7.132	-0.005	98	1318022	9.86	
76 4-Chloroaniline	127	7.159	7.158	0.001	81	525723	9.86	
77 2,6-Dichlorophenol	162	7.170	7.168	0.002	87	335951	10.6	
79 Hexachlorobutadiene	225	7.223	7.222	0.001	89	226131	8.41	
84 Caprolactam	113	7.442	7.441	0.001	82	150909	9.85	
86 4-Chloro-3-methylphenol	107	7.549	7.548	0.001	86	460308	10.3	
87 2-Methylnaphthalene	142	7.715	7.719	-0.004	88	835589	9.47	
89 Hexachlorocyclopentadiene	237	7.843	7.847	-0.004	89	255390	8.97	
91 1,2,4,5-Tetrachlorobenzene	216	7.854	7.857	-0.003	94	401212	10.2	
92 2,4,6-Trichlorophenol	196	7.945	7.944	0.001	91	263558	10.7	
93 2,4,5-Trichlorophenol	196	7.971	7.976	-0.005	90	282343	10.7	
98 1,1'-Biphenyl	154	8.105	8.109	-0.004	95	1121780	10.2	
100 2-Chloronaphthalene	162	8.132	8.136	-0.004	96	783817	8.15	
102 2-Nitroaniline	65	8.201	8.205	-0.004	74	336381	10.3	
105 Dimethyl phthalate	163	8.340	8.344	-0.004	94	909887	10.5	
107 2,6-Dinitrotoluene	165	8.399	8.403	-0.004	80	202729	8.57	
109 Acenaphthylene	152	8.489	8.488	0.001	92	1357583	9.79	
110 3-Nitroaniline	138	8.548	8.547	0.001	85	213027	10.3	
112 Acenaphthene	153	8.634	8.633	0.001	89	853876	9.66	
111 2,4-Dinitrophenol	184	8.634	8.638	-0.004	67	265111	19.4	
113 4-Nitrophenol	109	8.655	8.659	-0.004	85	153690	9.86	
114 2,4-Dinitrotoluene	165	8.746	8.745	0.001	78	266674	8.65	
116 Dibenzofuran	168	8.778	8.777	0.001	85	1193750	9.69	
119 2,3,4,6-Tetrachlorophenol	232	8.869	8.872	-0.003	70	224122	10.4	
121 Diethyl phthalate	149	8.938	8.937	0.001	95	949387	10.3	
123 4-Chlorophenyl phenyl ether	204	9.056	9.055	0.001	93	493232	8.48	
125 4-Nitroaniline	138	9.066	9.065	0.001	80	227475	9.25	
126 Fluorene	166	9.072	9.071	0.001	77	923024	9.83	
128 4,6-Dinitro-2-methylphenol	198	9.088	9.087	0.001	72	166264	9.96	
131 N-Nitrosodiphenylamine	169	9.152	9.151	0.001	98	714294	9.94	
133 Azobenzene	77	9.189	9.188	0.001	94	1539926	10.5	
139 4-Bromophenyl phenyl ether	248	9.472	9.471	0.001	65	261882	8.39	
141 Hexachlorobenzene	284	9.537	9.536	0.001	78	234960	7.82	
142 Atrazine	200	9.579	9.584	-0.005	82	131424	6.66	
143 Pentachlorophenol	266	9.691	9.696	-0.005	80	359908	18.8	
148 Phenanthrene	178	9.889	9.893	-0.004	87	1407645	9.71	
149 Anthracene	178	9.937	9.936	0.001	87	1409325	9.85	
151 Carbazole	167	10.055	10.059	-0.004	81	1375771	10.5	
154 Di-n-butyl phthalate	149	10.311	10.315	-0.004	100	1752005	10.8	
159 Fluoranthene	202	10.909	10.908	0.001	98	1597033	10.0	
160 Benzidine	184	11.006	11.005	0.001	69	41155	1.15	
161 Pyrene	202	11.123	11.127	-0.004	95	1644009	9.90	
168 Butyl benzyl phthalate	149	11.732	11.731	0.001	92	715226	11.1	
175 3,3'-Dichlorobenzidine	252	12.400	12.404	-0.004	68	380903	7.33	
173 Bis(2-ethylhexyl) phthalate	149	12.421	12.420	0.001	95	1025076	10.9	
177 Benzo[a]anthracene	228	12.459	12.458	0.001	88	1463048	9.72	
178 Chrysene	228	12.507	12.511	-0.004	86	1450376	10.1	
180 Di-n-octyl phthalate	149	13.351	13.350	0.001	99	1587043	9.79	
182 Benzo[b]fluoranthene	252	13.997	14.002	-0.005	79	1301678	9.43	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	14.040	14.039	0.001	89	1430463	10.2	
184 Benzo[a]pyrene	252	14.505	14.509	-0.004	75	1148492	9.15	
188 Indeno[1,2,3-cd]pyrene	276	16.294	16.299	-0.005	81	1373559	9.88	
189 Dibenz(a,h)anthracene	278	16.326	16.325	0.001	64	1064149	9.89	
190 Benzo[g,h,i]perylene	276	16.764	16.769	-0.005	77	1147413	9.70	

QC Flag Legend

Review Flags
M - Manually Integrated

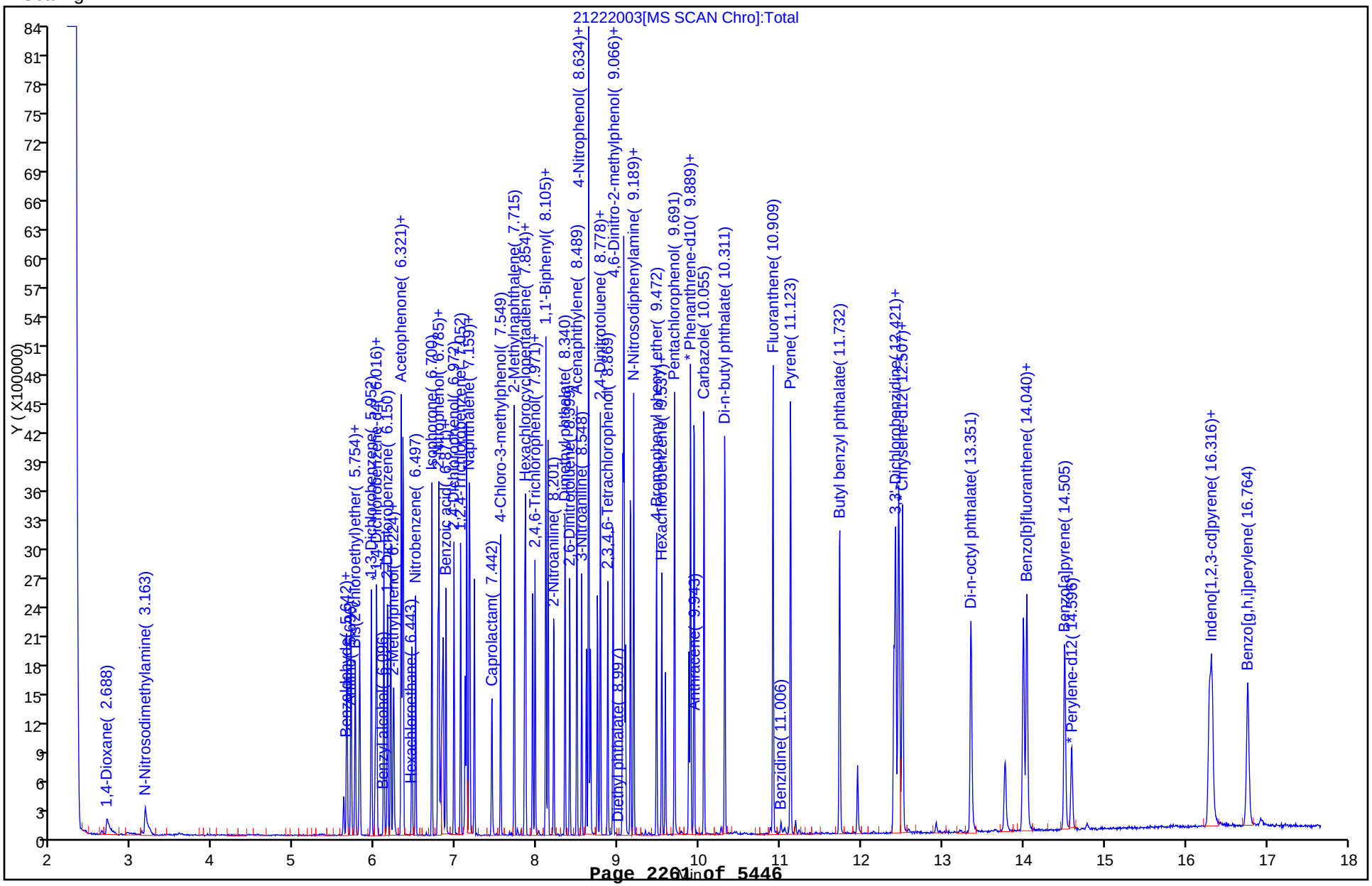
Report Date: 24-Dec-2012 10:24:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121222-16124.b\21222003.D

Injection Date:	22-Dec-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69908	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

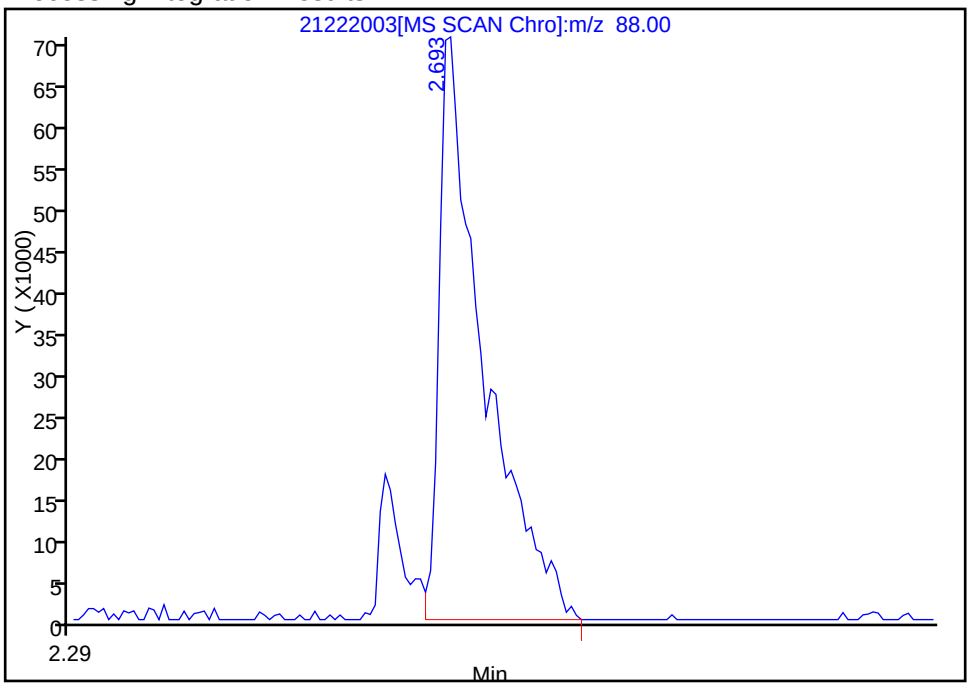
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121222-16124.b\21222003.D		
Injection Date:	22-Dec-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69908	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.69

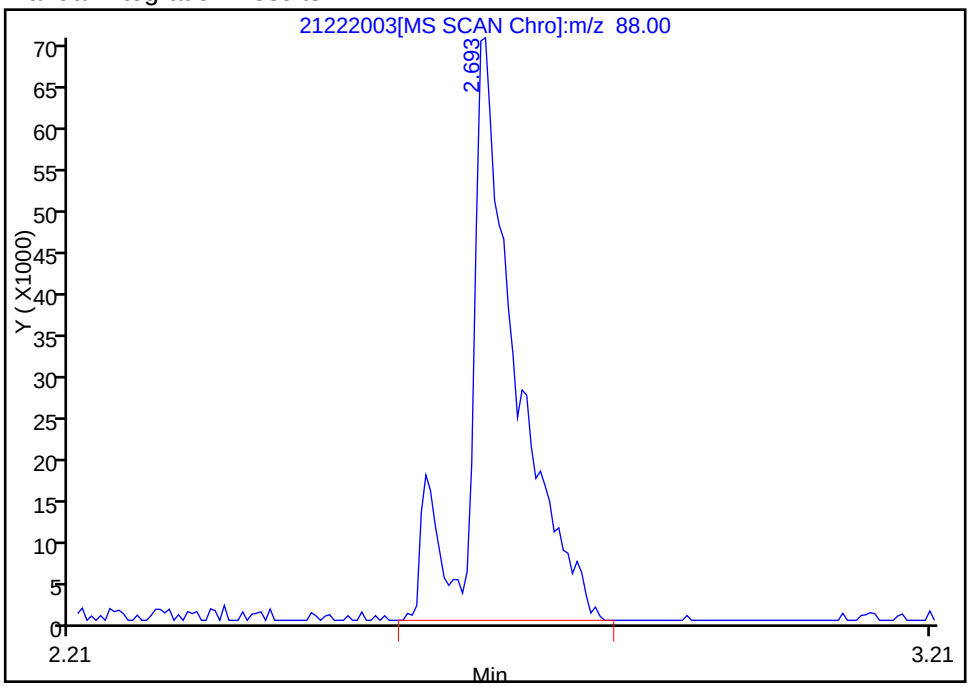
Processing Integration Results

RT: 2.69
Response: 230632
Amount: 10.247902



Manual Integration Results

RT: 2.69
Response: 258995
Amount: 11.508184



Reviewer: ulmanm, 22-Dec-2012 13:10:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

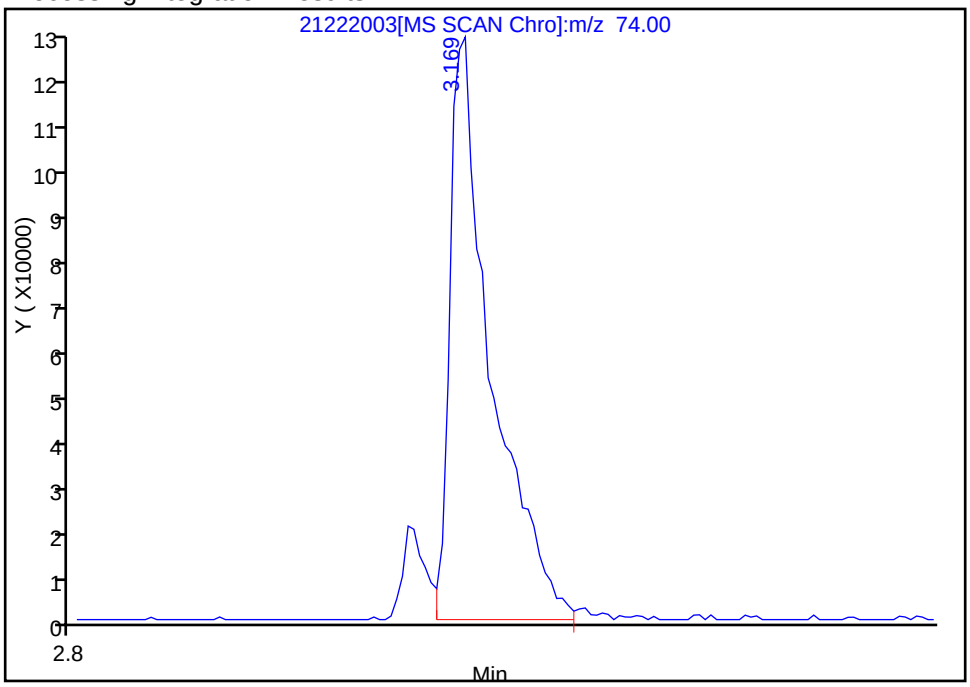
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121222-16124.b\21222003.D		
Injection Date:	22-Dec-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69908	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.16

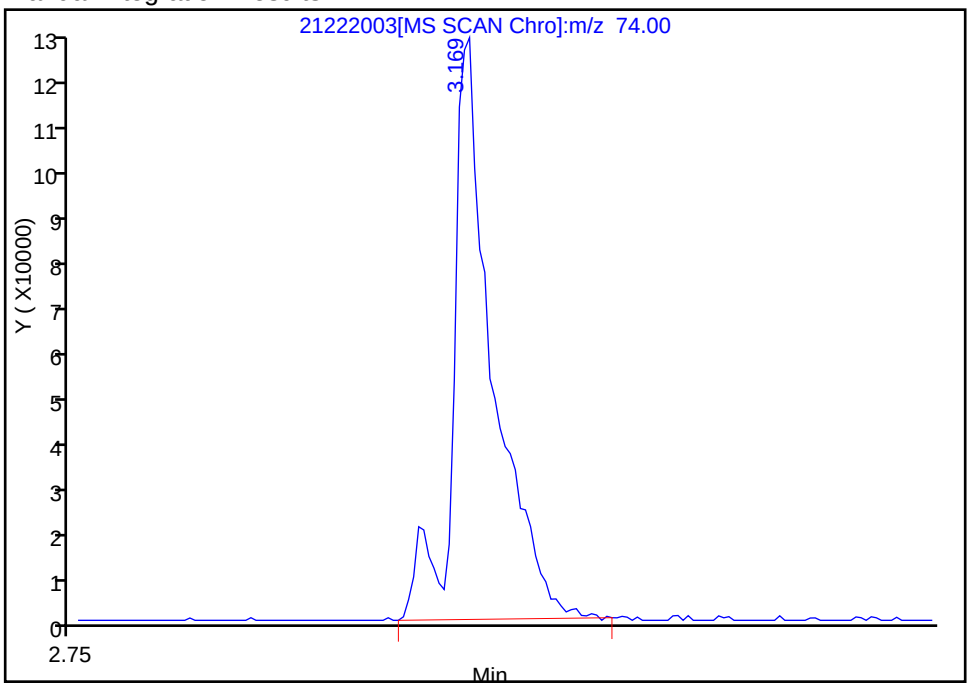
Processing Integration Results

RT: 3.17
Response: 342137
Amount: 10.028124



Manual Integration Results

RT: 3.17
Response: 370151
Amount: 10.849222



Reviewer: ulmanm, 22-Dec-2012 13:10:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-69908/3 Calibration Date: 12/22/2012 12:30

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 17:50

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 20:45

Lab File ID: 21222003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosopyrrolidine	Qua		0.7914		11.3	10.0	12.6	
2,6-Dichlorophenol	Ave	0.2503	0.2648		10.6	10.0	5.8	
1,2,4,5-Tetrachlorobenzene	Ave	0.5362	0.5484		10.2	10.0	2.3	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121222-16124.b\21222003.D
Lims ID: icv ind
Client ID:
Inject. Date: 22-Dec-2012 12:30:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0016124-003
Misc. Info.: ICV IND =ICV IND
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 69908
Lims Sample ID: 3
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121222-16124.b\8270 _9.m
Last Update: 24-Dec-2012 10:24:16
Calib Date: 21-Dec-2012 20:45:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK008

First Level Reviewer: ulmanm
Date: 22-Dec-2012 13:10:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.000	6.004	-0.004	95	129098	4.00	
* 2 Naphthalene-d8	136	7.111	7.110	0.001	99	507424	4.00	
* 3 Acenaphthene-d10	164	8.607	8.606	0.001	90	292629	4.00	
* 4 Phenanthrene-d10	188	9.868	9.872	-0.004	94	521564	4.00	
* 5 Chrysene-d12	240	12.469	12.474	-0.005	73	510621	4.00	
* 6 Perylene-d12	264	14.590	14.595	-0.005	88	413920	4.00	
25 1,4-Dioxane	88	2.693	2.692	0.001	87	258995	11.5	M
26 N-Nitrosodimethylamine	74	3.169	3.162	0.007	79	370151	10.8	M
41 Benzaldehyde	77	5.610	5.609	0.001	88	92832	1.65	
43 Phenol	94	5.647	5.652	-0.005	97	727938	10.1	
44 Aniline	93	5.701	5.700	0.001	96	767348	8.58	
69 Bis(2-chloroethyl)ether	93	5.754	5.753	0.001	96	579486	8.49	
46 2-Chlorophenol	128	5.808	5.807	0.001	93	438184	10.1	
47 1,3-Dichlorobenzene	146	5.952	5.951	0.001	90	464310	8.29	
48 1,4-Dichlorobenzene	146	6.016	6.020	-0.004	84	458513	10.1	
49 Benzyl alcohol	108	6.107	6.106	0.001	86	349611	10.9	
50 1,2-Dichlorobenzene	146	6.155	6.154	0.001	88	450553	8.29	
51 2-Methylphenol	108	6.192	6.191	0.001	94	446176	9.46	
53 2,2'-oxybis[1-chloropropane]	45	6.224	6.229	-0.005	96	580780	8.47	
21 3 & 4 Methylphenol	108	6.321	6.320	0.001	92	504141	10.2	
56 N-Nitrosopyrrolidine	100	6.321	6.324	-0.003	81	255405	11.3	
57 N-Nitrosodi-n-propylamine	70	6.337	6.341	-0.004	74	481521	10.8	
58 Acetophenone	105	6.347	6.346	0.001	83	722902	10.0	
61 Hexachloroethane	117	6.454	6.453	0.001	88	212321	8.87	
62 Nitrobenzene	77	6.497	6.501	-0.004	83	672621	8.26	
64 Isophorone	82	6.700	6.699	0.001	95	1223494	9.83	
66 2-Nitrophenol	139	6.775	6.774	0.001	95	233988	10.6	
65 2,4-Dimethylphenol	107	6.785	6.784	0.001	97	494836	9.16	
71 Benzoic acid	122	6.839	6.843	-0.004	85	572976	19.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 Bis(2-chloroethoxy)methane	93	6.871	6.875	-0.004	98	702237	8.32	
73 2,4-Dichlorophenol	162	6.972	6.971	0.001	96	334998	10.2	
74 1,2,4-Trichlorobenzene	180	7.052	7.057	-0.005	81	387383	8.01	
75 Naphthalene	128	7.127	7.132	-0.005	98	1318022	9.86	
76 4-Chloroaniline	127	7.159	7.158	0.001	81	525723	9.86	
77 2,6-Dichlorophenol	162	7.170	7.168	0.002	87	335951	10.6	
79 Hexachlorobutadiene	225	7.223	7.222	0.001	89	226131	8.41	
84 Caprolactam	113	7.442	7.441	0.001	82	150909	9.85	
86 4-Chloro-3-methylphenol	107	7.549	7.548	0.001	86	460308	10.3	
87 2-Methylnaphthalene	142	7.715	7.719	-0.004	88	835589	9.47	
89 Hexachlorocyclopentadiene	237	7.843	7.847	-0.004	89	255390	8.97	
91 1,2,4,5-Tetrachlorobenzene	216	7.854	7.857	-0.003	94	401212	10.2	
92 2,4,6-Trichlorophenol	196	7.945	7.944	0.001	91	263558	10.7	
93 2,4,5-Trichlorophenol	196	7.971	7.976	-0.005	90	282343	10.7	
98 1,1'-Biphenyl	154	8.105	8.109	-0.004	95	1121780	10.2	
100 2-Chloronaphthalene	162	8.132	8.136	-0.004	96	783817	8.15	
102 2-Nitroaniline	65	8.201	8.205	-0.004	74	336381	10.3	
105 Dimethyl phthalate	163	8.340	8.344	-0.004	94	909887	10.5	
107 2,6-Dinitrotoluene	165	8.399	8.403	-0.004	80	202729	8.57	
109 Acenaphthylene	152	8.489	8.488	0.001	92	1357583	9.79	
110 3-Nitroaniline	138	8.548	8.547	0.001	85	213027	10.3	
112 Acenaphthene	153	8.634	8.633	0.001	89	853876	9.66	
111 2,4-Dinitrophenol	184	8.634	8.638	-0.004	67	265111	19.4	
113 4-Nitrophenol	109	8.655	8.659	-0.004	85	153690	9.86	
114 2,4-Dinitrotoluene	165	8.746	8.745	0.001	78	266674	8.65	
116 Dibenzofuran	168	8.778	8.777	0.001	85	1193750	9.69	
119 2,3,4,6-Tetrachlorophenol	232	8.869	8.872	-0.003	70	224122	10.4	
121 Diethyl phthalate	149	8.938	8.937	0.001	95	949387	10.3	
123 4-Chlorophenyl phenyl ether	204	9.056	9.055	0.001	93	493232	8.48	
125 4-Nitroaniline	138	9.066	9.065	0.001	80	227475	9.25	
126 Fluorene	166	9.072	9.071	0.001	77	923024	9.83	
128 4,6-Dinitro-2-methylphenol	198	9.088	9.087	0.001	72	166264	9.96	
131 N-Nitrosodiphenylamine	169	9.152	9.151	0.001	98	714294	9.94	
133 Azobenzene	77	9.189	9.188	0.001	94	1539926	10.5	
139 4-Bromophenyl phenyl ether	248	9.472	9.471	0.001	65	261882	8.39	
141 Hexachlorobenzene	284	9.537	9.536	0.001	78	234960	7.82	
142 Atrazine	200	9.579	9.584	-0.005	82	131424	6.66	
143 Pentachlorophenol	266	9.691	9.696	-0.005	80	359908	18.8	
148 Phenanthrene	178	9.889	9.893	-0.004	87	1407645	9.71	
149 Anthracene	178	9.937	9.936	0.001	87	1409325	9.85	
151 Carbazole	167	10.055	10.059	-0.004	81	1375771	10.5	
154 Di-n-butyl phthalate	149	10.311	10.315	-0.004	100	1752005	10.8	
159 Fluoranthene	202	10.909	10.908	0.001	98	1597033	10.0	
160 Benzidine	184	11.006	11.005	0.001	69	41155	1.15	
161 Pyrene	202	11.123	11.127	-0.004	95	1644009	9.90	
168 Butyl benzyl phthalate	149	11.732	11.731	0.001	92	715226	11.1	
175 3,3'-Dichlorobenzidine	252	12.400	12.404	-0.004	68	380903	7.33	
173 Bis(2-ethylhexyl) phthalate	149	12.421	12.420	0.001	95	1025076	10.9	
177 Benzo[a]anthracene	228	12.459	12.458	0.001	88	1463048	9.72	
178 Chrysene	228	12.507	12.511	-0.004	86	1450376	10.1	
180 Di-n-octyl phthalate	149	13.351	13.350	0.001	99	1587043	9.79	
182 Benzo[b]fluoranthene	252	13.997	14.002	-0.005	79	1301678	9.43	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	14.040	14.039	0.001	89	1430463	10.2	
184 Benzo[a]pyrene	252	14.505	14.509	-0.004	75	1148492	9.15	
188 Indeno[1,2,3-cd]pyrene	276	16.294	16.299	-0.005	81	1373559	9.88	
189 Dibenz(a,h)anthracene	278	16.326	16.325	0.001	64	1064149	9.89	
190 Benzo[g,h,i]perylene	276	16.764	16.769	-0.005	77	1147413	9.70	

QC Flag Legend

Review Flags
M - Manually Integrated

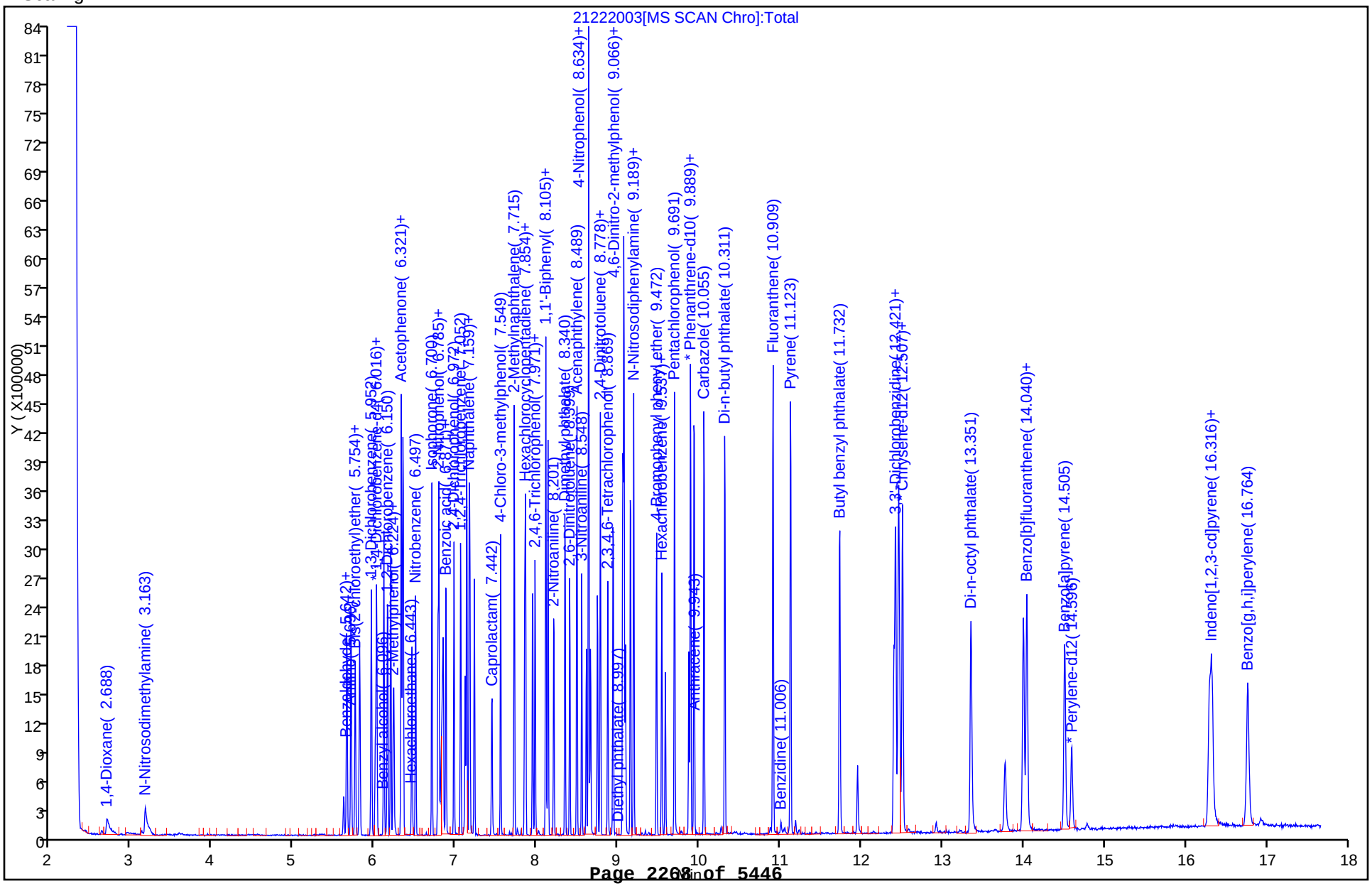
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121222-16124.b\21222003.D

Injection Date:	22-Dec-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69908	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-70566/2 Calibration Date: 12/29/2012 11:25

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21229002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6973	0.7462		10.7	10.0	7.0	
N-Nitrosodimethylamine	Ave	1.057	1.152		10.9	10.0	9.0	
Pyridine	Ave	1.883	1.990		10.6	10.0	5.7	
Benzaldehyde	Ave	1.741	1.840		10.6	10.0	5.7	
Phenol	Ave	2.227	2.318		10.4	10.0	4.1	
Aniline	Ave	2.770	2.873		10.4	10.0	3.7	
Bis(2-chloroethyl)ether	Ave	2.114	2.105		9.96	10.0	-0.4	
2-Chlorophenol	Ave	1.343	1.343		9.99	10.0	-0.0	
1,3-Dichlorobenzene	Ave	1.736	1.694		9.76	10.0	-2.4	
1,4-Dichlorobenzene	Ave	1.410	1.402		9.94	10.0	-0.6	
Benzyl alcohol	Ave	0.9903	1.029		10.4	10.0	3.9	
1,2-Dichlorobenzene	Ave	1.684	1.629		9.68	10.0	-3.2	
2-Methylphenol	Ave	1.461	1.503		10.3	10.0	2.9	
3 & 4 Methylphenol	Ave	1.532	1.564		10.2	10.0	2.1	
N-Nitrosodi-n-propylamine	Ave	1.380	1.440		10.4	10.0	4.3	
Acetophenone	Ave	2.237	2.269		10.1	10.0	1.4	
Hexachloroethane	Ave	0.7413	0.7543		10.2	10.0	1.8	
Nitrobenzene	Ave	0.6419	0.6454		10.1	10.0	0.5	
Isophorone	Ave	0.9811	1.005		10.2	10.0	2.5	
2-Nitrophenol	Qua		0.1807		10.4	10.0	3.7	
2,4-Dimethylphenol	Ave	0.4258	0.4413		10.4	10.0	3.6	
Benzoic acid	Qua		0.2102		18.2	20.0	-8.8	
Bis(2-chloroethoxy)methane	Ave	0.6654	0.6809		10.2	10.0	2.3	
2,4-Dichlorophenol	Ave	0.2599	0.2607		10.0	10.0	0.3	
1,2,4-Trichlorobenzene	Ave	0.3814	0.3710		9.73	10.0	-2.7	
Naphthalene	Ave	1.053	1.030		9.78	10.0	-2.2	
Hexachlorobutadiene	Ave	0.2118	0.2016		9.52	10.0	-4.8	
Caprolactam	Qua		0.1312		10.9	10.0	8.6	
4-Chloro-3-methylphenol	Ave	0.3508	0.3616		10.3	10.0	3.1	
2-Methylnaphthalene	Ave	0.6956	0.6582		9.46	10.0	-5.4	
Hexachlorocyclopentadiene	Ave	0.3891	0.3699		9.51	10.0	-4.9	
2,4,6-Trichlorophenol	Ave	0.3354	0.3317		9.89	10.0	-1.1	
2,4,5-Trichlorophenol	Ave	0.3595	0.3490		9.71	10.0	-2.9	
1,1'-Biphenyl	Ave	1.497	1.372		9.16	10.0	-8.4	
2-Chloronaphthalene	Ave	1.315	1.190		9.05	10.0	-9.5	
2-Nitroaniline	Qua		0.4642		10.4	10.0	3.6	
Dimethyl phthalate	Ave	1.183	1.161		9.82	10.0	-1.8	
2,6-Dinitrotoluene	Qua		0.3093		9.50	10.0	-5.0	
Acenaphthylene	Ave	1.895	1.777		9.37	10.0	-6.3	
3-Nitroaniline	Ave	0.2833	0.2916		10.3	10.0	2.9	
Acenaphthene	Ave	1.208	1.139		9.43	10.0	-5.7	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-70566/2 Calibration Date: 12/29/2012 11:25

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21229002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua		0.1759		18.9	20.0	-5.5	
4-Nitrophenol	Qua		0.1998		9.41	10.0	-5.9	
2,4-Dinitrotoluene	Qua		0.4215		9.89	10.0	-1.1	
Dibenzofuran	Ave	1.684	1.542		9.16	10.0	-8.4	
Diethyl phthalate	Ave	1.266	1.260		9.95	10.0	-0.5	
4-Chlorophenyl phenyl ether	Ave	0.7948	0.7550		9.50	10.0	-5.0	
4-Nitroaniline	Qua		0.3173		9.43	10.0	-5.7	
Fluorene	Ave	1.283	1.213		9.45	10.0	-5.5	
4,6-Dinitro-2-methylphenol	Qua		0.1259		9.85	10.0	-1.5	
N-Nitrosodiphenylamine	Ave	0.5510	0.5454		9.90	10.0	-1.0	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.123	1.176		10.5	10.0	4.8	
4-Bromophenyl phenyl ether	Ave	0.2394	0.2474		10.3	10.0	3.4	
Hexachlorobenzene	Ave	0.2304	0.2315		10.0	10.0	0.5	
Atrazine	Ave	0.1512	0.1616		10.7	10.0	6.9	
Pentachlorophenol	Qua		0.1370		18.7	20.0	-6.5	
Phenanthrene	Ave	1.112	1.057		9.51	10.0	-4.9	
Anthracene	Ave	1.098	1.101		10.0	10.0	0.3	
Carbazole	Ave	1.008	1.000		9.92	10.0	-0.8	
Di-n-butyl phthalate	Ave	1.243	1.277		10.3	10.0	2.8	
Fluoranthene	Ave	1.226	1.243		10.1	10.0	1.4	
Benzidine	Qua		0.5038		9.67	10.0	-3.3	
Pyrene	Ave	1.301	1.305		10.0	10.0	0.3	
Butyl benzyl phthalate	Ave	0.5049	0.5507		10.9	10.0	9.1	
3,3'-Dichlorobenzidine	Ave	0.4073	0.4350		10.7	10.0	6.8	
Bis(2-ethylhexyl) phthalate	Ave	0.7356	0.7961		10.8	10.0	8.2	
Benzo[a]anthracene	Qua		1.175		9.96	10.0	-0.4	
Chrysene	Ave	1.120	1.077		9.62	10.0	-3.8	
Di-n-octyl phthalate	Qua		1.584		10.1	10.0	0.8	
Benzo[b]fluoranthene	Ave	1.334	1.255		9.41	10.0	-5.9	
Benzo[k]fluoranthene	Ave	1.355	1.359		10.0	10.0	0.3	
Benzo[a]pyrene	Ave	1.213	1.227		10.1	10.0	1.1	
Indeno[1,2,3-cd]pyrene	Ave	1.344	1.342		9.98	10.0	-0.2	
Dibenz(a,h)anthracene	Ave	1.040	1.024		9.84	10.0	-1.6	
Benzo[g,h,i]perylene	Qua		1.122		9.81	10.0	-1.9	
2-Fluorophenol (Surr)	Ave	1.342	1.412		10.5	10.0	5.2	
Phenol-d5 (Surr)	Ave	1.980	2.041		10.3	10.0	3.1	
Nitrobenzene-d5 (Surr)	Ave	0.6113	0.6364		10.4	10.0	4.1	
2-Fluorobiphenyl (Surr)	Ave	1.603	1.475		9.20	10.0	-8.0	
2,4,6-Tribromophenol (Surr)	Qua		0.1467		10.4	10.0	3.9	
Terphenyl-d14 (Surr)	Ave	0.9057	0.8867		9.79	10.0	-2.1	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229002.D
Lims ID: ccv tcl
Client ID:
Inject. Date: 29-Dec-2012 11:25:30
Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0016269-002
Misc. Info.: CCV TCL =CCV TCL
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 2
Lims Batch ID: 70566
Lims Sample ID: 2
Sublist: chrom-8270 _9*sub13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\8270 _9.m
Last Update: 31-Dec-2012 10:35:58
Calib Date: 21-Dec-2012 20:45:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm
Date: 29-Dec-2012 12:02:32

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.918	5.918	0.0	89	110801	4.00	
* 2 Naphthalene-d8	136	7.034	7.034	0.0	99	429454	4.00	
* 3 Acenaphthene-d10	164	8.525	8.525	0.0	82	260026	4.00	
* 4 Phenanthrene-d10	188	9.786	9.786	0.0	92	441235	4.00	
* 5 Chrysene-d12	240	12.339	12.339	0.0	80	438762	4.00	
* 6 Perylene-d12	264	14.412	14.412	0.0	88	367057	4.00	
$ 7 2-Fluorophenol	112	4.673	4.673	0.0	94	391131	10.5	
$ 8 Phenol-d5	99	5.571	5.571	0.0	0	565310	10.3	
$ 9 Nitrobenzene-d5	82	6.404	6.404	0.0	84	683218	10.4	
$ 10 2-Fluorobiphenyl (Surr)	172	7.943	7.943	0.0	99	958556	9.20	
$ 11 2,4,6-Tribromophenol	330	9.193	9.193	0.0	81	95349	10.4	
$ 12 Terphenyl-d14	244	11.143	11.143	0.0	97	972652	9.79	
25 1,4-Dioxane	88	2.456	2.456	0.0	90	206698	10.7	M
26 N-Nitrosodimethylamine	74	2.921	2.921	0.0	79	319220	10.9	M
27 Pyridine	79	2.974	2.974	0.0	91	551106	10.6	M
28 Ethyl methacrylate	69	3.632	3.632	0.0	81	465040	10.3	M
29 3-Chloropropionitrile	54	4.011	4.011	0.0	86	271377	10.7	M
33 Malononitrile	66	4.374	4.374	0.0	93	662733	11.5	
41 Benzaldehyde	77	5.523	5.523	0.0	85	509770	10.6	
43 Phenol	94	5.581	5.581	0.0	98	642191	10.4	
44 Aniline	93	5.619	5.619	0.0	96	795907	10.4	
69 Bis(2-chloroethyl)ether	93	5.672	5.672	0.0	95	583219	9.96	
46 2-Chlorophenol	128	5.731	5.731	0.0	93	371915	10.0	
47 1,3-Dichlorobenzene	146	5.870	5.870	0.0	87	469272	9.76	
48 1,4-Dichlorobenzene	146	5.934	5.934	0.0	81	388362	9.94	
49 Benzyl alcohol	108	6.030	6.030	0.0	85	285097	10.4	
50 1,2-Dichlorobenzene	146	6.073	6.073	0.0	89	451350	9.68	
51 2-Methylphenol	108	6.126	6.126	0.0	96	416233	10.3	
53 2,2'-oxybis[1-chloropropane]	45	6.153	6.153	0.0	93	613459	10.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.255	6.255	0.0	94	433315	10.2	
57 N-Nitrosodi-n-propylamine	70	6.265	6.265	0.0	77	398757	10.4	
58 Acetophenone	105	6.271	6.271	0.0	91	628478	10.1	
61 Hexachloroethane	117	6.372	6.372	0.0	89	208951	10.2	
62 Nitrobenzene	77	6.420	6.420	0.0	76	692907	10.1	
64 Isophorone	82	6.623	6.623	0.0	95	1079380	10.2	
66 2-Nitrophenol	139	6.698	6.698	0.0	90	194054	10.4	
67 1,3,5-Trichlorobenzene	180	6.709	6.709	0.0	88	406595	9.70	
65 2,4-Dimethylphenol	107	6.719	6.719	0.0	99	473797	10.4	
71 Benzoic acid	122	6.789	6.789	0.0	85	451419	18.2	M
70 Bis(2-chloroethoxy)methane	93	6.799	6.799	0.0	92	731083	10.2	
73 2,4-Dichlorophenol	162	6.906	6.906	0.0	95	279895	10.0	
74 1,2,4-Trichlorobenzene	180	6.981	6.981	0.0	87	398364	9.73	
75 Naphthalene	128	7.051	7.051	0.0	97	1106164	9.78	
76 4-Chloroaniline	127	7.088	7.088	0.0	81	461243	10.2	
79 Hexachlorobutadiene	225	7.147	7.147	0.0	89	216463	9.52	
80 1,2,3-Trichlorobenzene	180	7.173	7.173	0.0	86	374206	0	
84 Caprolactam	113	7.371	7.371	0.0	79	140909	10.9	
86 4-Chloro-3-methylphenol	107	7.483	7.483	0.0	86	388237	10.3	
87 2-Methylnaphthalene	142	7.638	7.638	0.0	85	706701	9.46	
88 1-Methylnaphthalene	142	7.724	7.724	0.0	81	681924	9.73	
89 Hexachlorocyclopentadiene	237	7.766	7.766	0.0	66	240447	9.51	
90 1,2,3,5-Tetrachlorobenzene	216	7.766	7.766	0.0	88	410383	9.52	
92 2,4,6-Trichlorophenol	196	7.873	7.873	0.0	91	215618	9.89	
93 2,4,5-Trichlorophenol	196	7.905	7.905	0.0	90	226874	9.71	
97 2,4-Toluene diamine	121	8.012	8.012	0.0	97	192469	9.17	
99 1,2,3,4 -Tetrachlorobenzene	216	8.023	8.023	0.0	92	397558	0	
98 1,1'-Biphenyl	154	8.028	8.028	0.0	95	891857	9.16	
100 2-Chloronaphthalene	162	8.055	8.055	0.0	97	773606	9.05	
102 2-Nitroaniline	65	8.130	8.130	0.0	72	301781	10.4	
105 Dimethyl phthalate	163	8.269	8.269	0.0	94	754828	9.82	
107 2,6-Dinitrotoluene	165	8.327	8.327	0.0	77	201038	9.50	
108 1,2-Dinitrobenzene	168	8.375	8.375	0.0	83	106528	10.1	
109 Acenaphthylene	152	8.413	8.413	0.0	92	1154896	9.37	
110 3-Nitroaniline	138	8.477	8.477	0.0	86	189534	10.3	
112 Acenaphthene	153	8.557	8.557	0.0	92	740351	9.43	
111 2,4-Dinitrophenol	184	8.562	8.562	0.0	80	228710	18.9	
113 4-Nitrophenol	109	8.600	8.600	0.0	92	129895	9.41	
114 2,4-Dinitrotoluene	165	8.669	8.669	0.0	83	273974	9.89	
116 Dibenzofuran	168	8.701	8.701	0.0	85	1002496	9.16	
118 2,3,5,6-Tetrachlorophenol	232	8.760	8.760	0.0	85	191212	9.52	
121 Diethyl phthalate	149	8.856	8.856	0.0	95	819076	9.95	
123 4-Chlorophenyl phenyl ether	204	8.974	8.974	0.0	94	490826	9.50	
125 4-Nitroaniline	138	8.990	8.990	0.0	67	206258	9.43	
126 Fluorene	166	8.990	8.990	0.0	78	788338	9.45	
128 4,6-Dinitro-2-methylphenol	198	9.011	9.011	0.0	69	138821	9.85	
131 N-Nitrosodiphenylamine	169	9.070	9.070	0.0	94	601630	9.90	
133 Azobenzene	77	9.107	9.107	0.0	94	1297686	10.5	
132 1,2-Diphenylhydrazine	77	9.107	9.107	0.0	99	1297686	10.5	
139 4-Bromophenyl phenyl ether	248	9.390	9.390	0.0	66	272949	10.3	
141 Hexachlorobenzene	284	9.454	9.454	0.0	88	255313	10.0	
142 Atrazine	200	9.503	9.503	0.0	84	178301	10.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.615	9.615	0.0	82	302196	18.7	
148 Phenanthrene	178	9.807	9.807	0.0	97	1166244	9.51	
149 Anthracene	178	9.850	9.850	0.0	87	1214976	10.0	
151 Carbazole	167	9.978	9.978	0.0	82	1103262	9.92	
154 Di-n-butyl phthalate	149	10.229	10.229	0.0	100	1408930	10.3	
159 Fluoranthene	202	10.817	10.817	0.0	99	1371227	10.1	
160 Benzidine	184	10.913	10.913	0.0	85	552642	9.67	
161 Pyrene	202	11.025	11.025	0.0	94	1431694	10.0	
168 Butyl benzyl phthalate	149	11.618	11.618	0.0	92	604058	10.9	
172 3,3'-Dimethoxybenzidine	244	12.227	12.227	0.0	89	313512	9.92	
175 3,3'-Dichlorobenzidine	252	12.270	12.270	0.0	69	477120	10.7	
174 4,4'-Methylene bis(2-chloroanili	231	12.270	12.270	0.0	70	246178	9.83	
173 Bis(2-ethylhexyl) phthalate	149	12.291	12.291	0.0	95	873204	10.8	
177 Benzo[a]anthracene	228	12.323	12.323	0.0	85	1289388	9.96	
178 Chrysene	228	12.371	12.371	0.0	86	1181568	9.62	
180 Di-n-octyl phthalate	149	13.199	13.199	0.0	99	1453282	10.1	
182 Benzo[b]fluoranthene	252	13.830	13.830	0.0	85	1151722	9.41	
183 Benzo[k]fluoranthene	252	13.872	13.872	0.0	85	1246977	10.0	
184 Benzo[a]pyrene	252	14.332	14.332	0.0	75	1125662	10.1	
188 Indeno[1,2,3-cd]pyrene	276	16.073	16.073	0.0	81	1231439	9.98	
189 Dibenz(a,h)anthracene	278	16.105	16.105	0.0	60	939381	9.84	
190 Benzo[g,h,i]perylene	276	16.527	16.527	0.0	77	1029931	9.81	
S 191 Methyl Phenols,Total	100				0		20.5	

QC Flag Legend

Review Flags
M - Manually Integrated

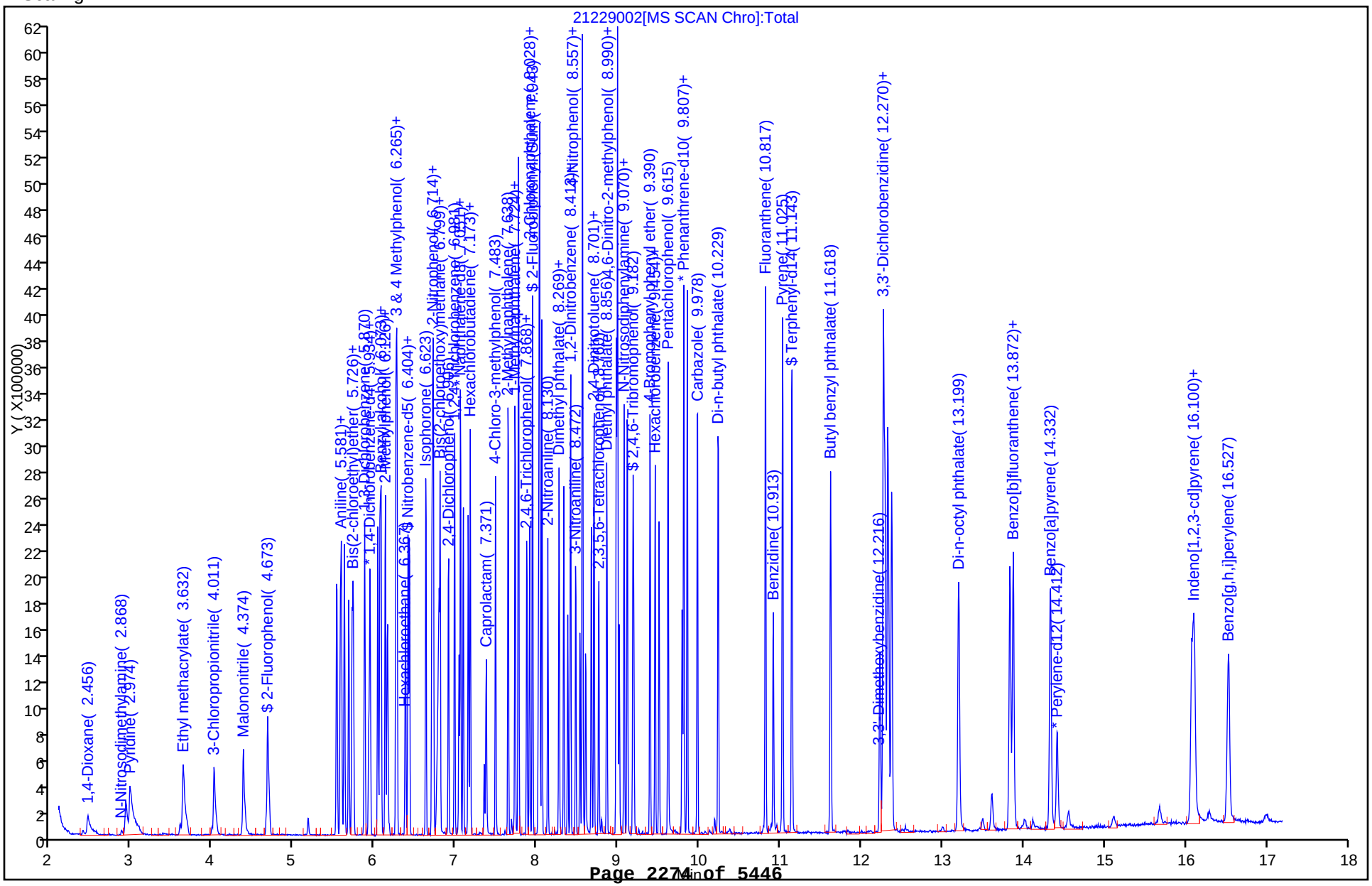
Report Date: 31-Dec-2012 10:35:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229002.D

Injection Date:	29-Dec-2012 11:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

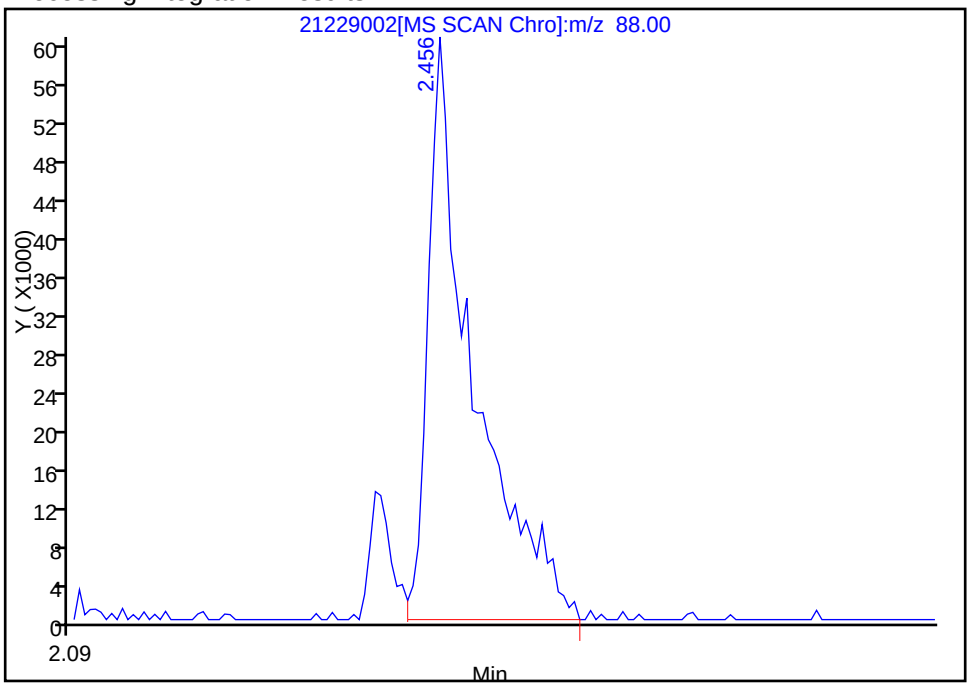
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229002.D		
Injection Date:	29-Dec-2012 11:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.46

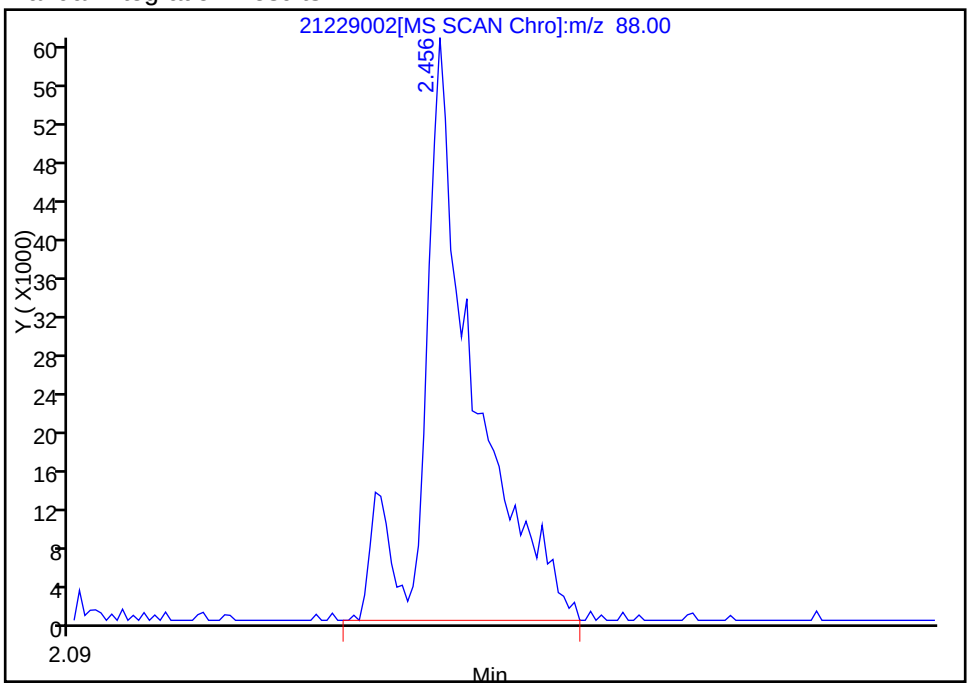
Processing Integration Results

RT: 2.46
Response: 187441
Amount: 9.704113



Manual Integration Results

RT: 2.46
Response: 206698
Amount: 10.701078



Reviewer: ulmanm, 29-Dec-2012 12:02:32
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

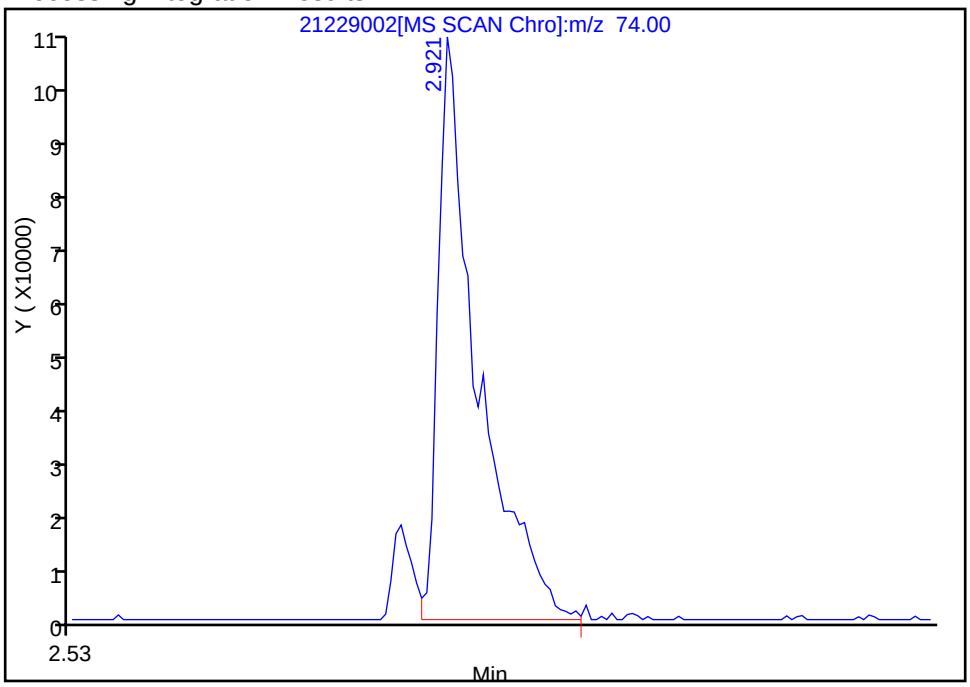
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229002.D		
Injection Date:	29-Dec-2012 11:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 2.92

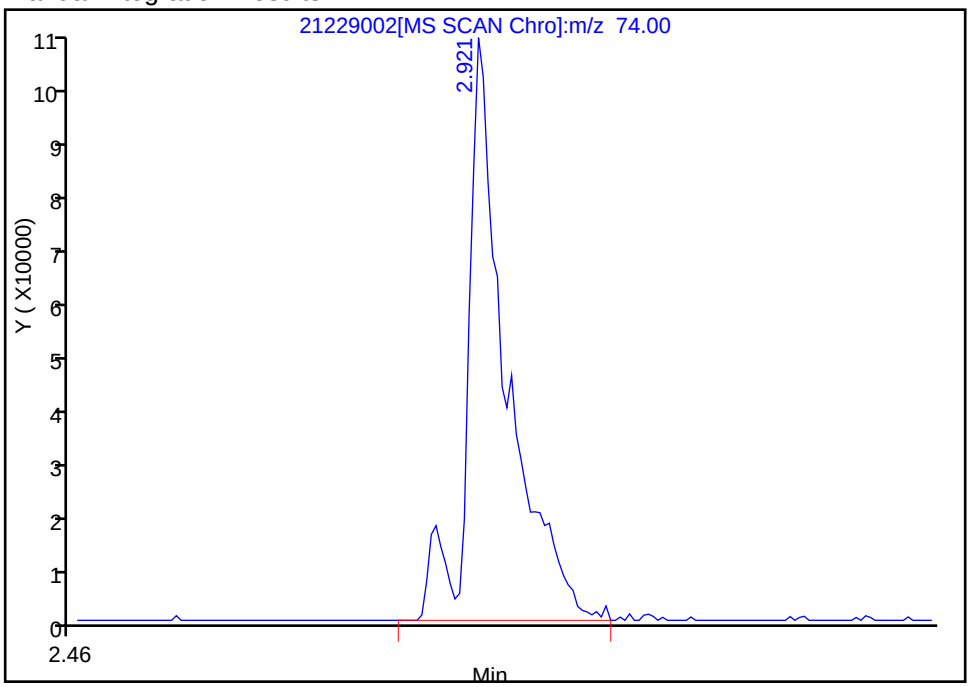
Processing Integration Results

RT: 2.92
Response: 295921
Amount: 10.105814



Manual Integration Results

RT: 2.92
Response: 319220
Amount: 10.901483



Reviewer: ulmanm, 29-Dec-2012 12:02:32
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

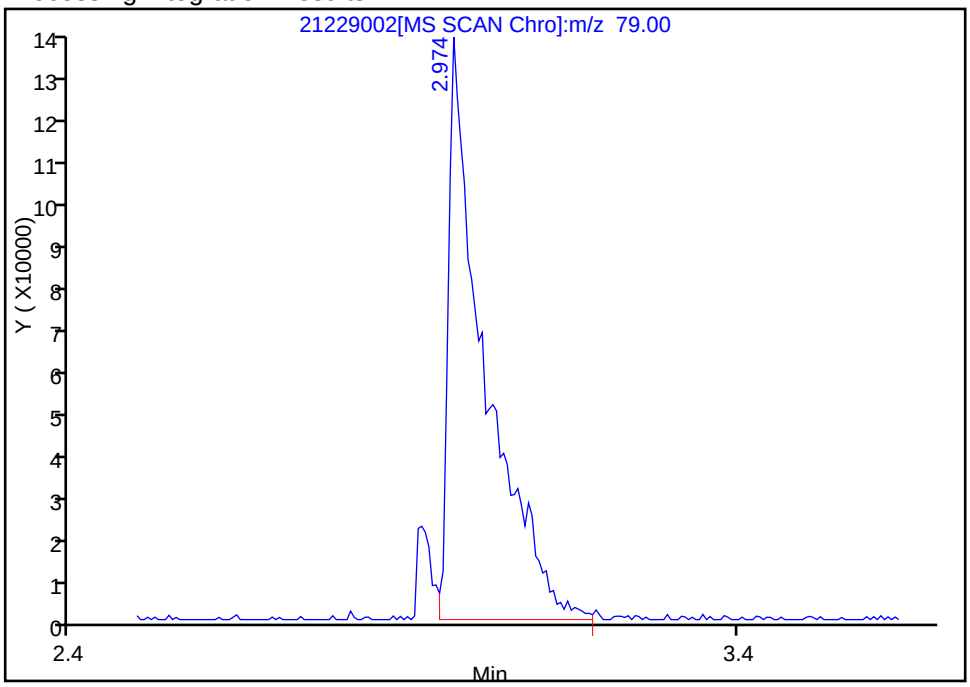
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229002.D		
Injection Date:	29-Dec-2012 11:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 2.97

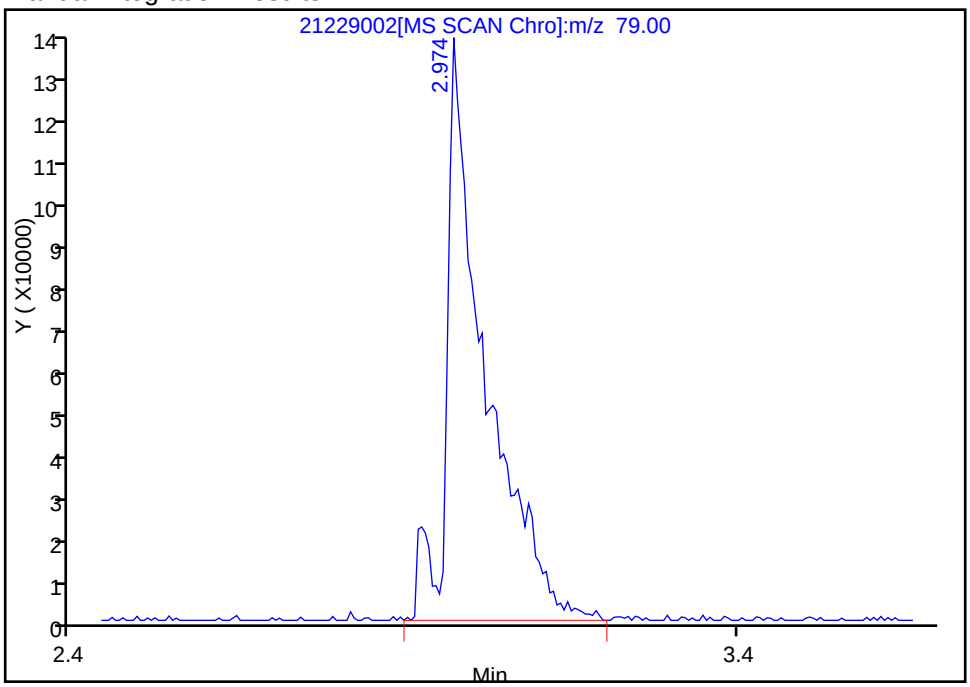
Processing Integration Results

RT: 2.97
Response: 518367
Amount: 9.938473



Manual Integration Results

RT: 2.97
Response: 551106
Amount: 10.566167



Reviewer: ulmanm, 29-Dec-2012 12:02:32
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

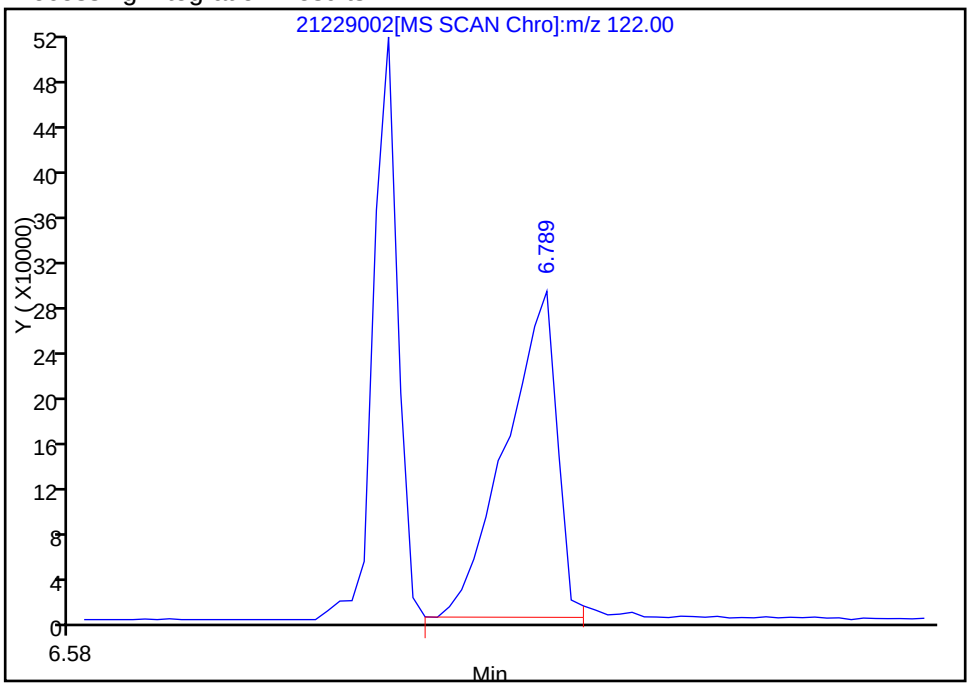
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229002.D		
Injection Date:	29-Dec-2012 11:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.79

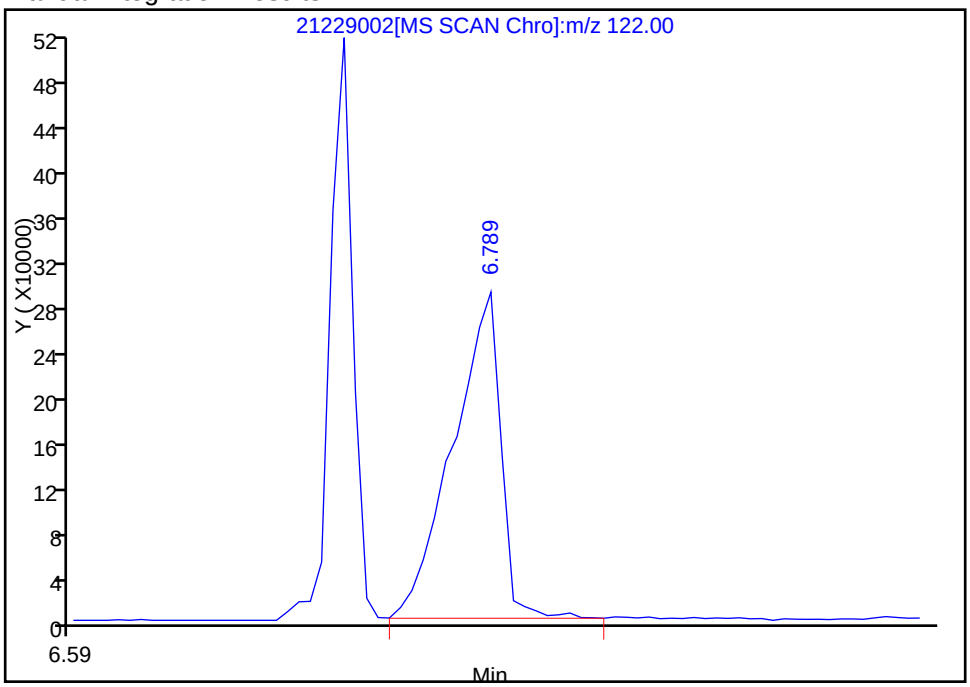
Processing Integration Results

RT: 6.79
Response: 444846
Amount: 18.000796



Manual Integration Results

RT: 6.79
Response: 451419
Amount: 18.237980



Reviewer: ulmanm, 29-Dec-2012 12:02:32
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/29/2012 17:09

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21229014.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.053			0.142	0.100		
2-Methylnaphthalene	Ave	0.6956			0.140	0.100		
1,1'-Biphenyl	Ave	1.497			0.123	0.100		
2-Chloronaphthalene	Ave	1.315			0.158	0.100		
Acenaphthylene	Ave	1.895			0.116	0.100		
Acenaphthene	Ave	1.208			0.163	0.100		
Fluorene	Ave	1.283			0.133	0.100		
Hexachlorobenzene	Ave	0.2304			0.0885	0.100		
Phenanthrene	Ave	1.112			0.127	0.100		
Anthracene	Ave	1.098			0.139	0.100		
Fluoranthene	Ave	1.226			0.126	0.100		
Pyrene	Ave	1.301			0.138	0.100		
Benzo[a]anthracene	Qua				0.227	0.100		
Chrysene	Ave	1.120			0.134	0.100		
Benzo[b]fluoranthene	Ave	1.334			0.115	0.100		
Benzo[k]fluoranthene	Ave	1.355			0.144	0.100		
Benzo[a]pyrene	Ave	1.213			0.135	0.100		
Indeno[1,2,3-cd]pyrene	Ave	1.344			0.142	0.100		
Dibenz(a,h)anthracene	Ave	1.040			0.112	0.100		
Benzo[g,h,i]perylene	Qua				0.273	0.100		
1,2,4-Trichlorobenzene	Ave	0.3814			0.000800	0.100		
1,2-Dichlorobenzene	Ave	1.684			0.000800	0.100		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.123			0.000800	0.100		
1,3-Dichlorobenzene	Ave	1.736			0.000800	0.100		
1,4-Dichlorobenzene	Ave	1.410			0.000800	0.100		
1,4-Dioxane	Ave	0.6973			0.000800	0.100		
2,4,5-Trichlorophenol	Ave	0.3595			0.000800	0.100		
2,4,6-Trichlorophenol	Ave	0.3354			0.000800	0.100		
2,4-Dichlorophenol	Ave	0.2599			0.000800	0.100		
2,4-Dimethylphenol	Ave	0.4258			0.000800	0.100		
2,4-Dinitrophenol	Qua				0.00240	0.200		
2,4-Dinitrotoluene	Qua				0.000800	0.100		
2,6-Dinitrotoluene	Qua				0.000800	0.100		
2-Chlorophenol	Ave	1.343			0.000800	0.100		
2-Methylphenol	Ave	1.461			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/29/2012 17:09

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21229014.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Qua				0.000800	0.100		
2-Nitrophenol	Qua				0.000800	0.100		
3 & 4 Methylphenol	Ave	1.532			0.000800	0.100		
3,3'-Dichlorobenzidine	Ave	0.4073			0.000800	0.100		
3-Nitroaniline	Ave	0.2833			0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Bromophenyl phenyl ether	Ave	0.2394			0.000800	0.100		
4-Chloro-3-methylphenol	Ave	0.3508			0.000800	0.100		
4-Chlorophenyl phenyl ether	Ave	0.7948			0.000800	0.100		
4-Nitroaniline	Qua				0.000800	0.100		
4-Nitrophenol	Qua				0.00240	0.100		
Acetophenone	Ave	2.237			0.000800	0.100		
Aniline	Ave	2.770			0.00240	0.100		
Atrazine	Ave	0.1512			0.000800	0.100		
Benzaldehyde	Ave	1.741			0.000800	0.100		
Benzidine	Qua				0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Benzyl alcohol	Ave	0.9903			0.000800	0.100		
Bis(2-chloroethoxy)methane	Ave	0.6654			0.000800	0.100		
Bis(2-chloroethyl)ether	Ave	2.114			0.000100	0.100		
Bis(2-ethylhexyl) phthalate	Ave	0.7356			0.000800	0.100		
Butyl benzyl phthalate	Ave	0.5049			0.000800	0.100		
Caprolactam	Qua				0.000800	0.100		
Carbazole	Ave	1.008			0.000800	0.100		
Dibenzofuran	Ave	1.684			0.000100	0.100		
Diethyl phthalate	Ave	1.266			0.000800	0.100		
Dimethyl phthalate	Ave	1.183			0.000800	0.100		
Di-n-butyl phthalate	Ave	1.243			0.000800	0.100		
Di-n-octyl phthalate	Qua				0.000800	0.100		
Hexachlorobutadiene	Ave	0.2118			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/29/2012 17:09

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21229014.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorocyclopentadiene	Ave	0.3891			0.000800	0.100		
Hexachloroethane	Ave	0.7413			0.000800	0.100		
Isophorone	Ave	0.9811			0.000800	0.100		
Nitrobenzene	Ave	0.6419			0.000100	0.100		
N-Nitrosodimethylamine	Ave	1.057			0.000800	0.100		
N-Nitrosodi-n-propylamine	Ave	1.380			0.000800	0.100		
N-Nitrosodiphenylamine	Ave	0.5510			0.000800	0.100		
Pentachlorophenol	Qua				0.00240	0.200		
Phenol	Ave	2.227			0.000800	0.100		
Pyridine	Ave	1.883			0.000800	0.100		
Nitrobenzene-d5 (Surr)	Ave	0.6113			0.136	0.100	136*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.603			0.149	0.100	149*	45-105
Terphenyl-d14 (Surr)	Ave	0.9057			0.131	0.100	131*	30-125
2,4,6-Tribromophenol (Surr)	Qua				0.000000	0.100	0*	35-125
2-Fluorophenol (Surr)	Ave	1.342			0.000000	0.100	0*	35-105
Phenol-d5 (Surr)	Ave	1.980			0.000000	0.100	0*	40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229014.D
Lims ID: mdll1 Client ID:
Inject. Date: 29-Dec-2012 17:09:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0016269-014
Misc. Info.: MDLL1 =MDLL1
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 70566 Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\8270 _9.m
Last Update: 31-Dec-2012 12:20:56 Calib Date: 21-Dec-2012 20:45:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm Date: 31-Dec-2012 09:45:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.920	5.918	0.002	94	123500	4.00	
* 2 Naphthalene-d8	136	7.031	7.034	-0.003	99	455833	4.00	
* 3 Acenaphthene-d10	164	8.527	8.525	0.002	93	266092	4.00	
* 4 Phenanthrene-d10	188	9.788	9.786	0.002	96	484249	4.00	
* 5 Chrysene-d12	240	12.336	12.339	-0.003	76	465230	4.00	
* 6 Perylene-d12	264	14.409	14.412	-0.003	83	362548	4.00	
$ 7 2-Fluorophenol	112		4.673					9
$ 8 Phenol-d5	99		5.571					
$ 9 Nitrobenzene-d5	82	6.406	6.404	0.002	52	9475	0.1360	
$ 10 2-Fluorobiphenyl (Surr)	172	7.939	7.943	-0.004	61	15841	0.1485	
$ 11 2,4,6-Tribromophenol	330		9.193					
$ 12 Terphenyl-d14	244	11.139	11.143	-0.004	48	13785	0.1309	
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
20 Dimethylformamide	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
25 1,4-Dioxane	88		2.456					9
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		2.921					9
27 Pyridine	79		2.974					9
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.632					9
232 1-Methyl-2-pyrrilidinone	99		3.880					
29 3-Chloropropionitrile	54		4.011					9
31 2-Picoline	93		4.068					
52 Indene	115		4.084					
32 N-Nitrosomethylethylamine	88		4.212					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66		4.374					
17 4-Chlorophenol	128		4.500					
34 Methyl methanesulfonate	80		4.532					
30 3-Picoline	93		4.591					9
24 Catechol	110		4.592					
233 n,n'-Dimethylacetamide	44		4.618					9
15 3-Methylcatechol	124		4.913					
36 N-Nitrosodiethylamine	102		4.944					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.232					
38 2-Methylcyclohexanone	68		5.441					
39 3-Methylcyclohexanone	69		5.478					
41 Benzaldehyde	77		5.523					
40 4-Methylcyclohexanone	55		5.526					
43 Phenol	94		5.581					
44 Aniline	93		5.619					
69 Bis(2-chloroethyl)ether	93		5.672					
45 Pentachloroethane	167		5.697					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128		5.731					9
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.870					
48 1,4-Dichlorobenzene	146		5.934					
49 Benzyl alcohol	108		6.030					
50 1,2-Dichlorobenzene	146		6.073					9
51 2-Methylphenol	108		6.126					
53 2,2'-oxybis[1-chloropropane]	45		6.153					
21 3 & 4 Methylphenol	108		6.255					
57 N-Nitrosodi-n-propylamine	70		6.265					
58 Acetophenone	105		6.271					
56 N-Nitrosopyrrolidine	100		6.274					
59 N-Nitrosomorpholine	56		6.306					
60 2-Toluidine	106		6.327					9
61 Hexachloroethane	117		6.372					9
62 Nitrobenzene	77		6.420					
63 N-Nitrosopiperidine	114		6.578					
64 Isophorone	82		6.623					
66 2-Nitrophenol	139		6.698					9
67 1,3,5-Trichlorobenzene	180		6.709					
65 2,4-Dimethylphenol	107		6.719					
71 Benzoic acid	122		6.789					9
68 o,o',o''-Triethylphosphorothioat	198		6.798					
70 Bis(2-chloroethoxy)methane	93		6.799					
73 2,4-Dichlorophenol	162		6.906					9
72 alpha,alpha-Dimethyl phenethylam	58		6.920					
74 1,2,4-Trichlorobenzene	180		6.981					
75 Naphthalene	128	7.053	7.051	0.002	10	16990	0.1415	
76 4-Chloroaniline	127		7.088					9
77 2,6-Dichlorophenol	162		7.123					
79 Hexachlorobutadiene	225		7.147					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
78 Hexachloropropene	213		7.155					
80 1,2,3-Trichlorobenzene	180		7.173					9
84 Caprolactam	113		7.371					9
83 N-Nitrosodi-n-butylamine	84		7.385					9
85 p-Phenylene diamine	108		7.407					
86 4-Chloro-3-methylphenol	107		7.483					
94 Safrole, Total	162		7.577					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142	7.640	7.638	0.002	54	11135	0.1405	
88 1-Methylnaphthalene	142	7.726	7.724	0.002	47	9943	0.1336	
89 Hexachlorocyclopentadiene	237		7.766					
90 1,2,3,5-Tetrachlorobenzene	216		7.766					9
91 1,2,4,5-Tetrachlorobenzene	216		7.807					9
225 Isosafrole Peak 1	162		7.823					
92 2,4,6-Trichlorophenol	196		7.873					9
93 2,4,5-Trichlorophenol	196		7.905					9
97 2,4-Toluene diamine	121		8.012					9
227 Isosafrole Peak 2	162		8.016					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.023					9
98 1,1'-Biphenyl	154	8.030	8.028	0.002	61	12212	0.1226	
100 2-Chloronaphthalene	162	8.057	8.055	0.002	63	13823	0.1580	
102 2-Nitroaniline	65		8.130					9
103 1,4-Naphthoquinone	158		8.224					
104 1,4-Dinitrobenzene	168		8.267					
105 Dimethyl phthalate	163		8.269					
107 2,6-Dinitrotoluene	165		8.327					9
106 1,3-Dinitrobenzene	168		8.331					
108 1,2-Dinitrobenzene	168		8.375					
109 Acenaphthylene	152	8.409	8.413	-0.004	45	14655	0.1162	
110 3-Nitroaniline	138		8.477					9
112 Acenaphthene	153	8.554	8.557	-0.003	70	13072	0.1627	
111 2,4-Dinitrophenol	184		8.562					
113 4-Nitrophenol	109		8.600					9
114 2,4-Dinitrotoluene	165		8.669					9
115 Pentachlorobenzene	250		8.689					
116 Dibenzofuran	168		8.701					
118 2,3,5,6-Tetrachlorophenol	232		8.760					
117 1-Naphthylamine	143		8.790					
119 2,3,4,6-Tetrachlorophenol	232		8.822					
120 2-Naphthylamine	143		8.854					
121 Diethyl phthalate	149		8.856					
122 Thionazin	97		8.956					
123 4-Chlorophenyl phenyl ether	204		8.974					
125 4-Nitroaniline	138		8.990					9
126 Fluorene	166	8.986	8.990	-0.004	73	11362	0.1331	
128 4,6-Dinitro-2-methylphenol	198		9.011					
124 N-Nitro-o-toluidine	152		9.015					9
127 Tributyl phosphate	99		9.047					9
131 N-Nitrosodiphenylamine	169		9.070					
130 Diphenylamine	169		9.100					
133 Azobenzene	77		9.107					
132 1,2-Diphenylhydrazine	77		9.107					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
134 Sulfotepp	202		9.207					9
176 Hexabromobenzene	232		9.208					
135 1,3,5-Trinitrobenzene	213		9.298					
228 Diallate Peak 1	86		9.335					9
137 Phenacetin	108		9.340					
138 Phorate	121		9.346					
139 4-Bromophenyl phenyl ether	248		9.390					9
230 Diallate Peak 2	86		9.415					
141 Hexachlorobenzene	284	9.451	9.454	-0.003	48	2469	0.0885	
140 Dimethoate	87		9.490					
142 Atrazine	200		9.503					9
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.615					9
129 4-Aminobiphenyl	169		9.640					
145 Pentachloronitrobenzene	237		9.650					
144 Pronamide	173		9.666					
147 Dinoseb	211		9.778					
146 Disulfoton	88		9.784					9
148 Phenanthrene	178	9.804	9.807	-0.003	80	17099	0.1271	
149 Anthracene	178	9.847	9.850	-0.004	63	18462	0.1389	
150 DFTPP								
151 Carbazole	167		9.978					9
152 Methyl parathion	109		10.104					9
154 Di-n-butyl phthalate	149		10.229					
155 Ethyl Parathion	97		10.425					
156 4-Nitroquinoline-1-oxide	190		10.478					
157 Methapyrilene	58		10.526					
158 Isodrin	66		10.719					
159 Fluoranthene	202	10.813	10.817	-0.004	59	18638	0.1256	
160 Benzidine	184		10.913					9
161 Pyrene	202	11.027	11.025	0.002	85	20835	0.1377	
166 4,4'-DDE	246		11.116					
226 Aramite Peak 1	185		11.130					
229 Aramite Peak 2	185		11.205					
163 p-Dimethylamino azobenzene	225		11.312					
164 Chlorobenzilate	139		11.344					
165 4,4'-DDD	235		11.450					
167 Famphur	218		11.605					
168 Butyl benzyl phthalate	149		11.618					9
169 3,3'-Dimethylbenzidine	212		11.664					
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.738					9
186 Dibenz[a,j]acridine	279		11.804					
171 2-Acetylaminofluorene	181		11.953					
172 3,3'-Dimethoxybenzidine	244		12.227					9
175 3,3'-Dichlorobenzidine	252		12.270					9
174 4,4'-Methylene bis(2-chloroanili	231		12.270					9
173 Bis(2-ethylhexyl) phthalate	149		12.291					
177 Benzo[a]anthracene	228	12.320	12.323	-0.003	31	19540	0.2269	
178 Chrysene	228	12.373	12.371	0.002	5	17398	0.1335	
180 Di-n-octyl phthalate	149		13.199					9
182 Benzo[b]fluoranthene	252	13.826	13.830	-0.004	60	13915	0.1151	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 7,12-Dimethylbenz(a)anthracene	256		13.871					
183 Benzo[k]fluoranthene	252	13.864	13.872	-0.008	29	17681	0.1439	
184 Benzo[a]pyrene	252	14.323	14.332	-0.009	34	14881	0.1353	
185 3-Methylcholanthrene	268		14.928					
188 Indeno[1,2,3-cd]pyrene	276	16.059	16.073	-0.014	80	17350	0.1424	M
189 Dibenz(a,h)anthracene	278	16.097	16.105	-0.008	0	10548	0.1119	M
190 Benzo[g,h,i]perylene	276	16.508	16.527	-0.019	0	16956	0.2730	M
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 195 Hydroquinone TIC	110		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 194 Decane TIC	142		5.800					
T 234 2-Isopropylphenol TIC	121		7.019					1
T 235 4-isopropylphenol TIC	121		7.173					1
T 236 3-isopropylphenol TIC	121		7.173					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		7.537					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 192 Octadecane (TIC)	254		9.600					
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1
T 231 2,3,7,8-TCDD	322		12.400					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

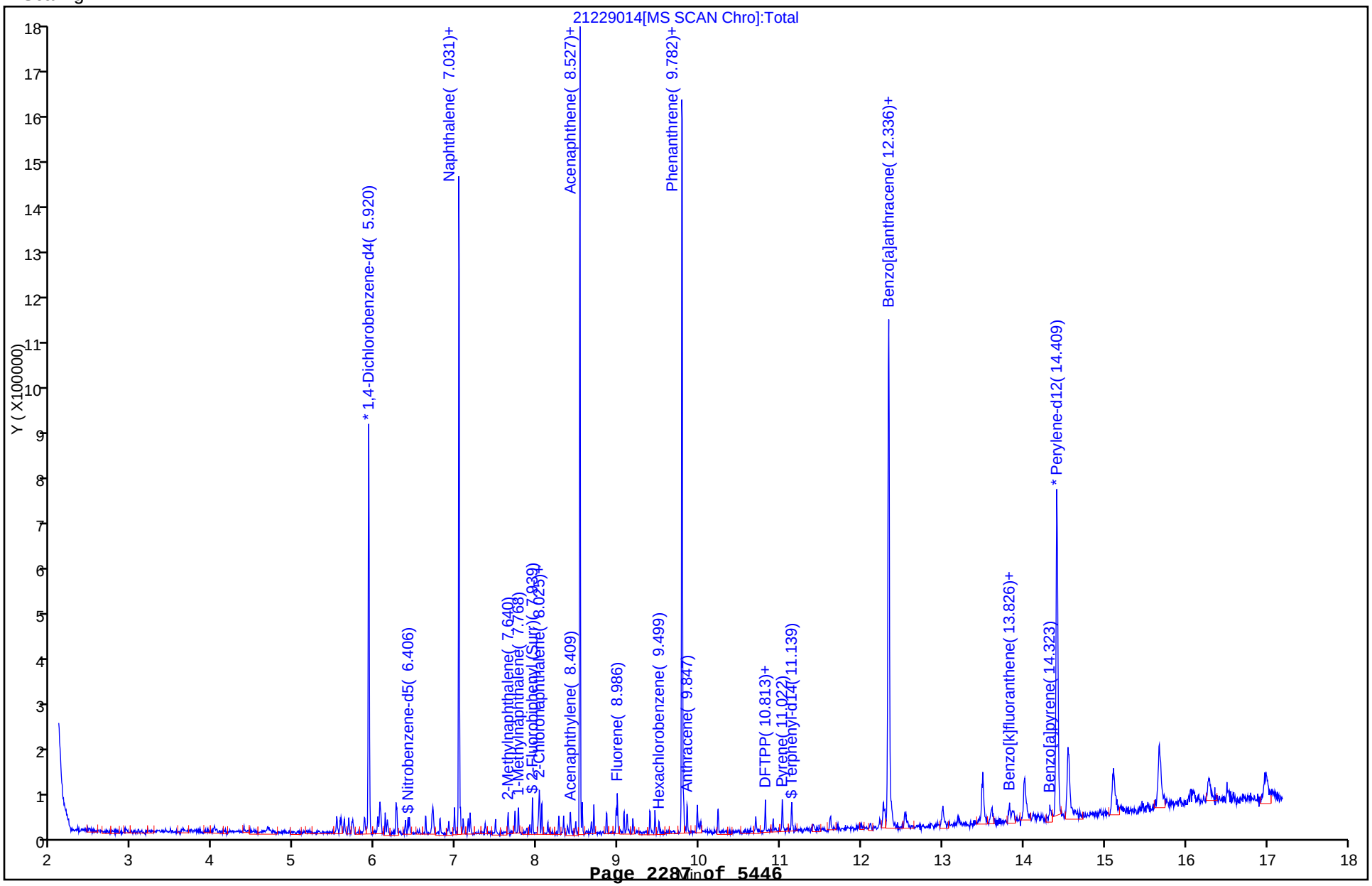
Report Date: 31-Dec-2012 12:21:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229014.D

Injection Date:	29-Dec-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	14
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

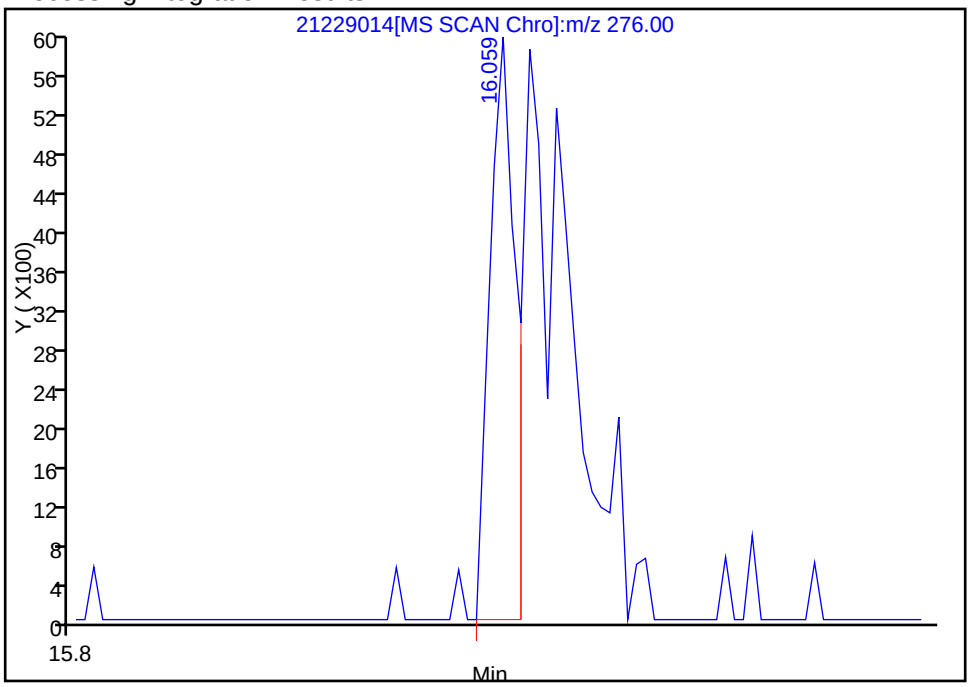
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229014.D		
Injection Date:	29-Dec-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	14
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.07

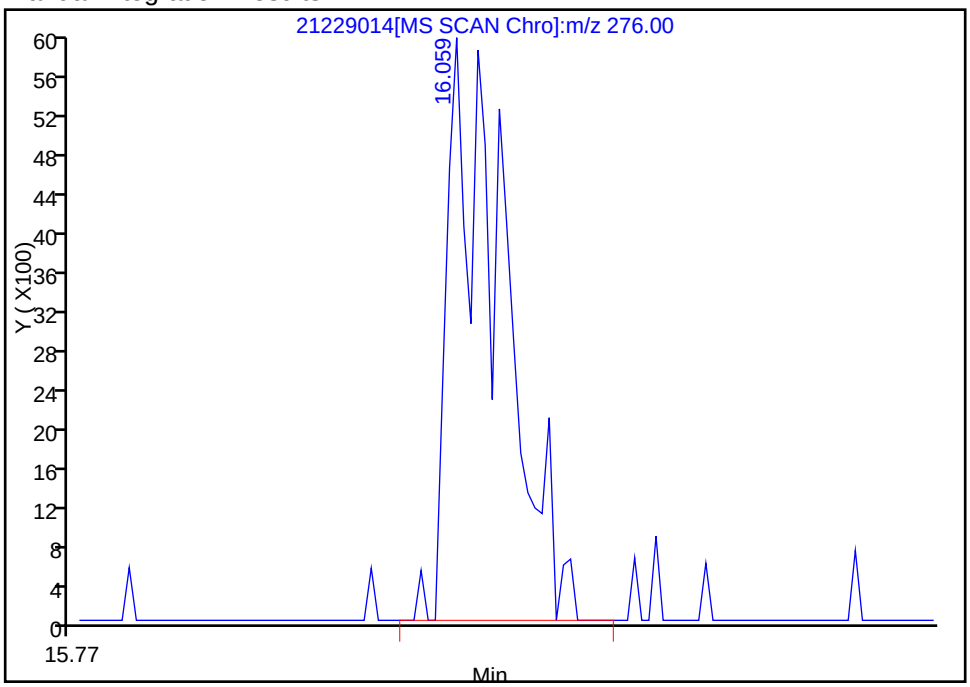
Processing Integration Results

RT: 16.06
Response: 6416
Amount: 0.052667



Manual Integration Results

RT: 16.06
Response: 17350
Amount: 0.142422



Reviewer: ulmanm, 31-Dec-2012 09:45:37
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

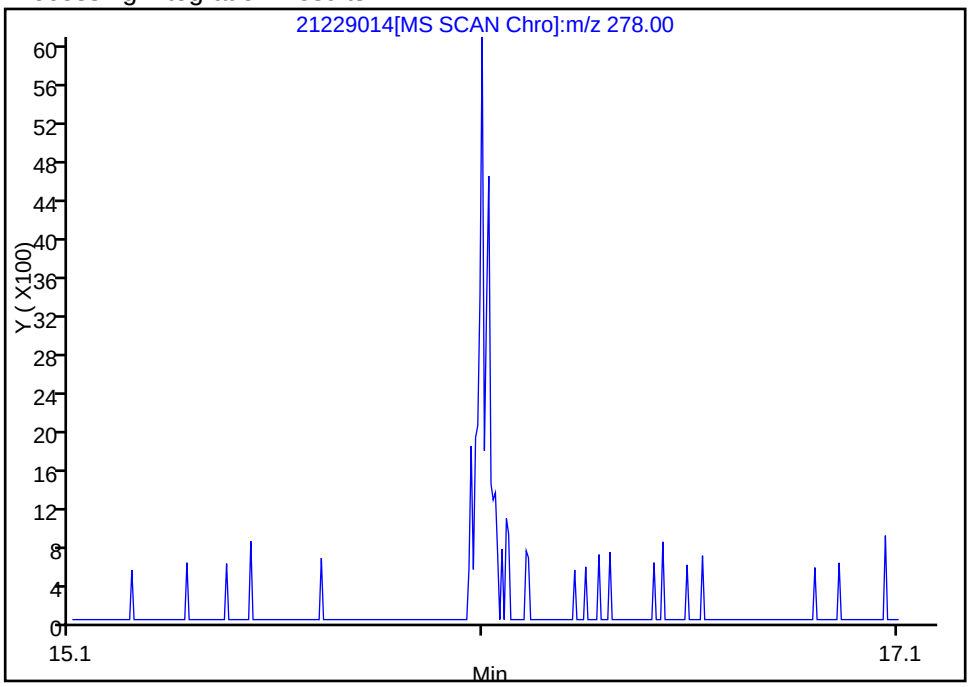
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229014.D		
Injection Date:	29-Dec-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	14
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.11

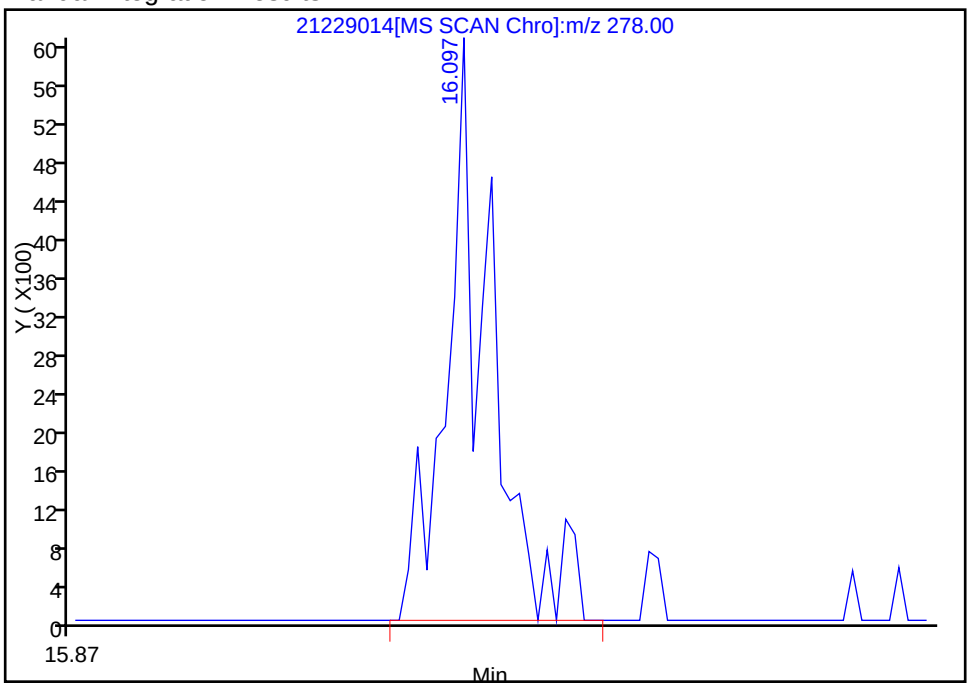
Processing Integration Results

Not Detected
Expected RT: 16.11



Manual Integration Results

RT: 16.10
Response: 10548
Amount: 0.111911



Reviewer: ulmanm, 31-Dec-2012 09:45:37
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

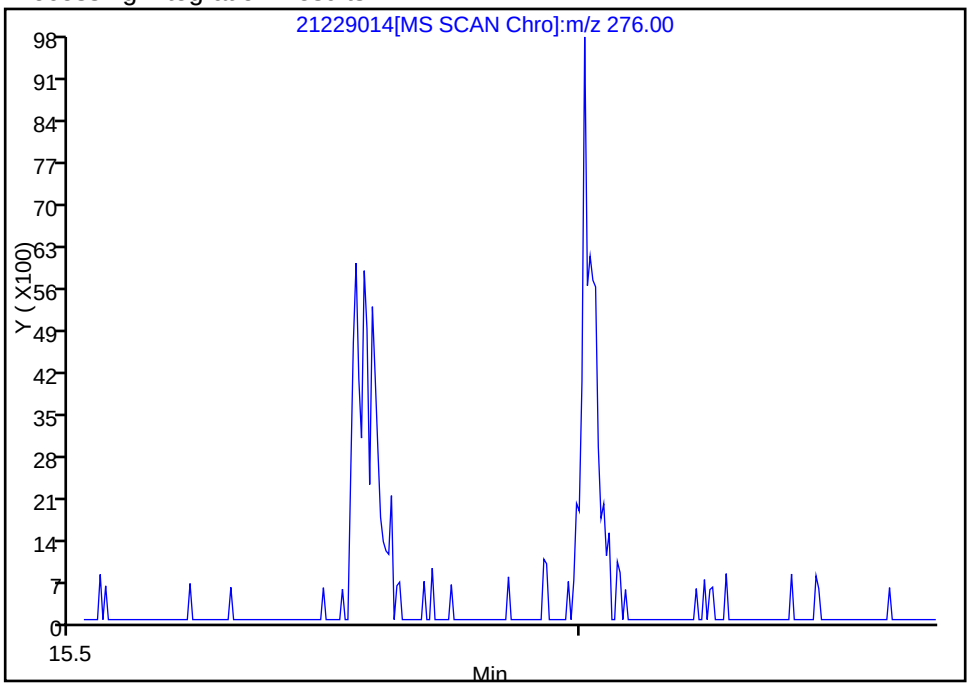
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229014.D		
Injection Date:	29-Dec-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	14
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.53

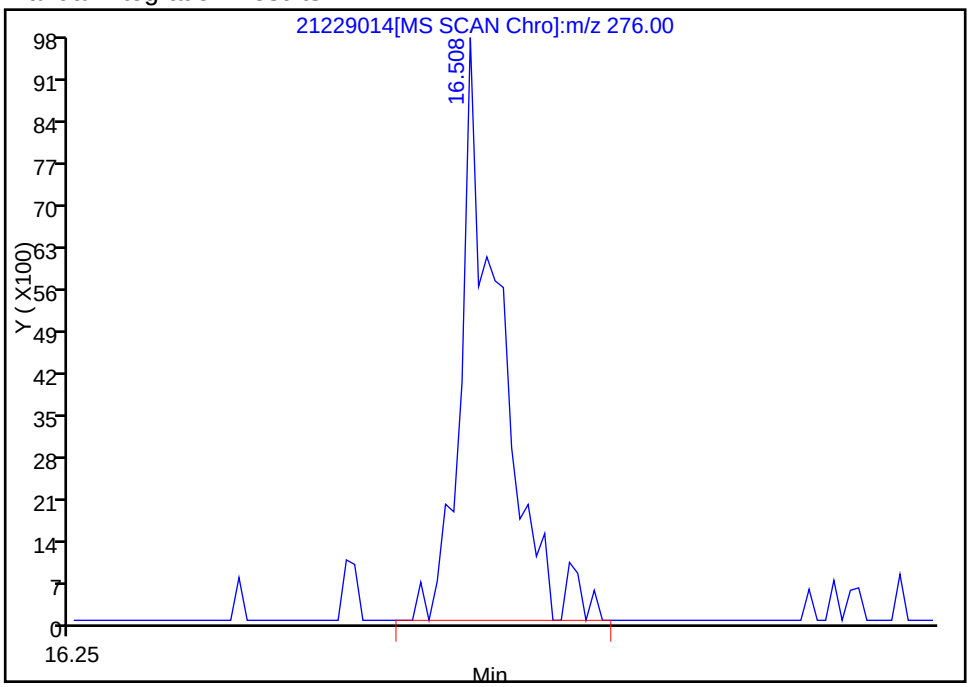
Processing Integration Results

Not Detected
Expected RT: 16.53



Manual Integration Results

RT: 16.51
Response: 16956
Amount: 0.272959



Reviewer: ulmanm, 31-Dec-2012 09:45:37
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/29/2012 17:34

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21229015.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6973			0.442	0.500		
N-Nitrosodimethylamine	Ave	1.057			0.594	0.500		
Pyridine	Ave	1.883			0.524	0.500		
Benzaldehyde	Ave	1.741			0.534	0.500		
Phenol	Ave	2.227			0.508	0.500		
Aniline	Ave	2.770			0.448	0.500		
Bis(2-chloroethyl)ether	Ave	2.114			0.468	0.500		
2-Chlorophenol	Ave	1.343			0.422	0.500		
1,3-Dichlorobenzene	Ave	1.736			0.517	0.500		
1,4-Dichlorobenzene	Ave	1.410			0.507	0.500		
Benzyl alcohol	Ave	0.9903			0.418	0.500		
1,2-Dichlorobenzene	Ave	1.684			0.533	0.500		
2-Methylphenol	Ave	1.461			0.499	0.500		
3 & 4 Methylphenol	Ave	1.532			0.493	0.500		
N-Nitrosodi-n-propylamine	Ave	1.380			0.501	0.500		
Acetophenone	Ave	2.237			0.479	0.500		
Hexachloroethane	Ave	0.7413			0.511	0.500		
Nitrobenzene	Ave	0.6419			0.505	0.500		
Isophorone	Ave	0.9811			0.425	0.500		
2-Nitrophenol	Qua				0.627	0.500		
2,4-Dimethylphenol	Ave	0.4258			0.496	0.500		
Bis(2-chloroethoxy)methane	Ave	0.6654			0.513	0.500		
2,4-Dichlorophenol	Ave	0.2599			0.469	0.500		
1,2,4-Trichlorobenzene	Ave	0.3814			0.542	0.500		
Hexachlorobutadiene	Ave	0.2118			0.471	0.500		
Caprolactam	Qua				0.735	0.500		
4-Chloro-3-methylphenol	Ave	0.3508			0.402	0.500		
Hexachlorocyclopentadiene	Ave	0.3891			0.254	0.500		
2,4,6-Trichlorophenol	Ave	0.3354			0.342	0.500		
2,4,5-Trichlorophenol	Ave	0.3595			0.324	0.500		
2-Nitroaniline	Qua				0.606	0.500		
Dimethyl phthalate	Ave	1.183			0.483	0.500		
2,6-Dinitrotoluene	Qua				0.726	0.500		
3-Nitroaniline	Ave	0.2833			0.449	0.500		
2,4-Dinitrotoluene	Qua				0.565	0.500		
Dibenzofuran	Ave	1.684			0.462	0.500		
Diethyl phthalate	Ave	1.266			0.427	0.500		
4-Chlorophenyl phenyl ether	Ave	0.7948			0.451	0.500		
4-Nitroaniline	Qua				0.727	0.500		
N-Nitrosodiphenylamine	Ave	0.5510			0.449	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/29/2012 17:34

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21229015.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.123			0.470	0.500		
4-Bromophenyl phenyl ether	Ave	0.2394			0.474	0.500		
Atrazine	Ave	0.1512			0.458	0.500		
Carbazole	Ave	1.008			0.423	0.500		
Di-n-butyl phthalate	Ave	1.243			0.401	0.500		
Butyl benzyl phthalate	Ave	0.5049			0.434	0.500		
3,3'-Dichlorobenzidine	Ave	0.4073			0.383	0.500		
Bis(2-ethylhexyl) phthalate	Ave	0.7356			0.374	0.500		
Di-n-octyl phthalate	Qua				0.590	0.500		
1,1'-Biphenyl	Ave	1.497			0.000800	0.500		
2,4-Dinitrophenol	Qua				0.00240	1.00		
2-Chloronaphthalene	Ave	1.315			0.000100	0.500		
2-Methylnaphthalene	Ave	0.6956			0.000100	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.500		
4-Nitrophenol	Qua				0.00240	0.500		
Acenaphthene	Ave	1.208			0.000100	0.500		
Acenaphthylene	Ave	1.895			0.000100	0.500		
Anthracene	Ave	1.098			0.000100	0.500		
Benzidine	Qua				0.00240	0.500		
Benzo[a]anthracene	Qua				0.000100	0.500		
Benzo[a]pyrene	Ave	1.213			0.000100	0.500		
Benzo[b]fluoranthene	Ave	1.334			0.000100	0.500		
Benzo[g,h,i]perylene	Qua				0.000100	0.500		
Benzo[k]fluoranthene	Ave	1.355			0.000100	0.500		
Benzoic acid	Qua				0.0100	1.00		
Chrysene	Ave	1.120			0.000100	0.500		
Dibenz(a,h)anthracene	Ave	1.040			0.000100	0.500		
Fluoranthene	Ave	1.226			0.000100	0.500		
Fluorene	Ave	1.283			0.000100	0.500		
Hexachlorobenzene	Ave	0.2304			0.000100	0.500		
Indeno[1,2,3-cd]pyrene	Ave	1.344			0.000100	0.500		
Naphthalene	Ave	1.053			0.000100	0.500		
Pentachlorophenol	Qua				0.00240	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/29/2012 17:34

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21229015.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenanthrene	Ave	1.112			0.000100	0.500		
Pyrene	Ave	1.301			0.000100	0.500		
2-Fluorophenol (Surr)	Ave	1.342			0.490	0.500	98	35-105
Phenol-d5 (Surr)	Ave	1.980			0.444	0.500	89	40-100
2,4,6-Tribromophenol (Surr)	Qua				0.298	0.500	60	35-125
2-Fluorobiphenyl (Surr)	Ave	1.603			0.000000	0.500	0*	45-105
Nitrobenzene-d5 (Surr)	Ave	0.6113			0.000000	0.500	0*	35-100
Terphenyl-d14 (Surr)	Ave	0.9057			0.000000	0.500	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229015.D
Lims ID: mdll2 Client ID:
Inject. Date: 29-Dec-2012 17:34:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0016269-015
Misc. Info.: MDLL2 =MDLL2
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 70566 Lims Sample ID: 15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\8270 _9.m
Last Update: 31-Dec-2012 12:20:56 Calib Date: 21-Dec-2012 20:45:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm Date: 31-Dec-2012 09:50:32

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.923	5.918	0.005	95	107553	4.00	
* 2 Naphthalene-d8	136	7.034	7.034	0.0	99	445469	4.00	
* 3 Acenaphthene-d10	164	8.524	8.525	-0.001	89	262498	4.00	
* 4 Phenanthrene-d10	188	9.785	9.786	-0.001	93	470028	4.00	
* 5 Chrysene-d12	240	12.333	12.339	-0.006	78	453908	4.00	
* 6 Perylene-d12	264	14.411	14.412	-0.001	76	382973	4.00	
$ 7 2-Fluorophenol	112	4.678	4.673	0.005	43	17688	0.4903	
$ 8 Phenol-d5	99	5.570	5.571	-0.001	0	23635	0.4440	
$ 9 Nitrobenzene-d5	82		6.404					
$ 10 2-Fluorobiphenyl (Surr)	172		7.943					
$ 11 2,4,6-Tribromophenol	330	9.187	9.193	-0.006	1	697	0.2984	M
$ 12 Terphenyl-d14	244		11.143					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
20 Dimethylformamide	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
25 1,4-Dioxane	88	2.456	2.456	0.0	0	8283	0.4418	M
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	2.920	2.921	-0.001	0	16879	0.5938	M
27 Pyridine	79	3.016	2.974	0.042	65	26549	0.5244	M
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.631	3.632	-0.001	55	18395	0.4217	
232 1-Methyl-2-pyrrilidinone	99		3.880					
29 3-Chloropropionitrile	54	4.010	4.011	-0.001	62	16412	0.6675	
31 2-Picoline	93		4.068					
52 Indene	115		4.084					
32 N-Nitrosomethylethylamine	88		4.212					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66	4.373	4.374	-0.001	72	27529	0.4910	M
17 4-Chlorophenol	128		4.500					
34 Methyl methanesulfonate	80		4.532					
30 3-Picoline	93		4.591					9
24 Catechol	110		4.592					
233 n,n'-Dimethylacetamide	44		4.618					
15 3-Methylcatechol	124		4.913					
36 N-Nitrosodiethylamine	102		4.944					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.232					
38 2-Methylcyclohexanone	68		5.441					
39 3-Methylcyclohexanone	69		5.478					
41 Benzaldehyde	77	5.522	5.523	-0.001	88	25010	0.5342	
40 4-Methylcyclohexanone	55		5.526					
43 Phenol	94	5.581	5.581	0.0	85	30428	0.5081	
44 Aniline	93	5.618	5.619	-0.001	83	33329	0.4475	
69 Bis(2-chloroethyl)ether	93	5.672	5.672	0.0	76	26583	0.4677	
45 Pentachloroethane	167		5.697					
96 3,4-Dichloronitrobenzene	109		5.725					9
46 2-Chlorophenol	128	5.725	5.731	-0.006	79	15247	0.4221	
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.869	5.870	-0.001	85	24150	0.5173	
48 1,4-Dichlorobenzene	146	5.933	5.934	-0.001	62	19231	0.5071	
49 Benzyl alcohol	108	6.029	6.030	-0.001	80	11123	0.4177	
50 1,2-Dichlorobenzene	146	6.072	6.073	-0.001	77	24138	0.5331	
51 2-Methylphenol	108	6.120	6.126	-0.006	82	19606	0.4991	
53 2,2'-oxybis[1-chloropropane]	45	6.152	6.153	-0.001	96	31290	0.5475	
21 3 & 4 Methylphenol	108	6.254	6.255	-0.001	89	20300	0.4930	
57 N-Nitrosodi-n-propylamine	70	6.259	6.265	-0.006	75	18592	0.5011	
58 Acetophenone	105	6.270	6.271	-0.001	88	28827	0.4793	
56 N-Nitrosopyrrolidine	100		6.274					
59 N-Nitrosomorpholine	56		6.306					9
60 2-Toluidine	106		6.327					9
61 Hexachloroethane	117	6.377	6.372	0.005	78	10177	0.5106	
62 Nitrobenzene	77	6.419	6.420	-0.001	74	36075	0.5047	
63 N-Nitrosopiperidine	114		6.578					
64 Isophorone	82	6.622	6.623	-0.001	92	46446	0.4251	
66 2-Nitrophenol	139	6.697	6.698	-0.001	85	8575	0.6269	
67 1,3,5-Trichlorobenzene	180	6.708	6.709	-0.001	79	19431	0.4469	
65 2,4-Dimethylphenol	107	6.719	6.719	0.0	59	23520	0.4959	
71 Benzoic acid	122		6.789					9
68 o,o',o''-Triethylphosphorothioat	198		6.798					
70 Bis(2-chloroethoxy)methane	93	6.799	6.799	0.0	93	38023	0.5131	
73 2,4-Dichlorophenol	162	6.906	6.906	0.0	80	13581	0.4693	
72 alpha,alpha-Dimethyl phenethylam	58		6.920					
74 1,2,4-Trichlorobenzene	180	6.980	6.981	-0.001	80	23041	0.5424	
75 Naphthalene	128		7.051					
76 4-Chloroaniline	127	7.087	7.088	-0.001	72	22589	0.4825	
77 2,6-Dichlorophenol	162		7.123					
79 Hexachlorobutadiene	225	7.146	7.147	-0.001	76	11115	0.4711	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
78 Hexachloropropene	213		7.155					
80 1,2,3-Trichlorobenzene	180		7.173					
84 Caprolactam	113	7.354	7.371	-0.017	62	6093	0.7352	
83 N-Nitrosodi-n-butylamine	84		7.385					9
85 p-Phenylene diamine	108		7.407					9
86 4-Chloro-3-methylphenol	107	7.483	7.483	0.0	76	15714	0.4022	
94 Safrole, Total	162		7.577					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142		7.638					
88 1-Methylnaphthalene	142		7.724					
89 Hexachlorocyclopentadiene	237	7.766	7.766	0.0	43	6485	0.2540	
90 1,2,3,5-Tetrachlorobenzene	216	7.766	7.766	0.0	85	20132	0.4627	
91 1,2,4,5-Tetrachlorobenzene	216		7.807					
225 Isosafrole Peak 1	162		7.823					9
92 2,4,6-Trichlorophenol	196	7.872	7.873	-0.001	58	7517	0.3415	
93 2,4,5-Trichlorophenol	196	7.910	7.905	0.005	80	7648	0.3242	
97 2,4-Toluene diamine	121	8.011	8.012	-0.001	77	10670	0.4899	
227 Isosafrole Peak 2	162		8.016					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.023					
98 1,1'-Biphenyl	154		8.028					
100 2-Chloronaphthalene	162		8.055					
102 2-Nitroaniline	65	8.129	8.130	-0.001	41	11587	0.6062	
103 1,4-Naphthoquinone	158		8.224					
104 1,4-Dinitrobenzene	168		8.267					
105 Dimethyl phthalate	163	8.268	8.269	-0.001	90	37465	0.4826	
107 2,6-Dinitrotoluene	165	8.327	8.327	0.0	77	8444	0.7263	
106 1,3-Dinitrobenzene	168		8.331					
108 1,2-Dinitrobenzene	168	8.375	8.375	0.0	74	4061	0.3797	
109 Acenaphthylene	152		8.413					
110 3-Nitroaniline	138	8.476	8.477	-0.001	76	8348	0.4491	
112 Acenaphthene	153		8.557					
111 2,4-Dinitrophenol	184		8.562					
113 4-Nitrophenol	109		8.600					9
114 2,4-Dinitrotoluene	165	8.663	8.669	-0.006	56	9504	0.5654	
115 Pentachlorobenzene	250		8.689					
116 Dibenzofuran	168	8.701	8.701	0.0	83	51069	0.4622	
118 2,3,5,6-Tetrachlorophenol	232		8.760					9
117 1-Naphthylamine	143		8.790					
119 2,3,4,6-Tetrachlorophenol	232		8.822					9
120 2-Naphthylamine	143		8.854					
121 Diethyl phthalate	149	8.855	8.856	-0.001	88	35456	0.4269	
122 Thionazin	97		8.956					
123 4-Chlorophenyl phenyl ether	204	8.973	8.974	-0.001	87	23520	0.4510	
125 4-Nitroaniline	138	8.989	8.990	-0.001	50	8042	0.7273	
126 Fluorene	166		8.990					
128 4,6-Dinitro-2-methylphenol	198		9.011					
124 N-Nitro-o-toluidine	152		9.015					9
127 Tributyl phosphate	99		9.047					9
131 N-Nitrosodiphenylamine	169	9.069	9.070	-0.001	84	29076	0.4491	
130 Diphenylamine	169		9.100					
133 Azobenzene	77	9.107	9.107	0.0	86	62068	0.4705	
132 1,2-Diphenylhydrazine	77	9.107	9.107	0.0	99	62068	0.4705	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
134 Sulfotepp	202		9.207					9
176 Hexabromobenzene	232		9.208					
135 1,3,5-Trinitrobenzene	213		9.298					
228 Diallate Peak 1	86		9.335					9
137 Phenacetin	108		9.340					
138 Phorate	121		9.346					
139 4-Bromophenyl phenyl ether	248	9.390	9.390	0.0	55	13347	0.4744	
230 Diallate Peak 2	86		9.415					9
141 Hexachlorobenzene	284		9.454					
140 Dimethoate	87		9.490					9
142 Atrazine	200	9.502	9.503	-0.001	51	8137	0.4579	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.615					9
129 4-Aminobiphenyl	169		9.640					
145 Pentachloronitrobenzene	237		9.650					
144 Pronamide	173		9.666					
147 Dinoseb	211		9.778					
146 Disulfoton	88		9.784					9
148 Phenanthrene	178		9.807					
149 Anthracene	178		9.850					
150 DFTPP								
151 Carbazole	167	9.972	9.978	-0.006	75	50113	0.4231	
152 Methyl parathion	109		10.104					
154 Di-n-butyl phthalate	149	10.234	10.229	0.005	93	58523	0.4007	
155 Ethyl Parathion	97		10.425					
156 4-Nitroquinoline-1-oxide	190		10.478					
157 Methapyrilene	58		10.526					
158 Isodrin	66		10.719					
159 Fluoranthene	202		10.817					
160 Benzidine	184		10.913					9
161 Pyrene	202		11.025					
166 4,4'-DDE	246		11.116					9
226 Aramite Peak 1	185		11.130					9
229 Aramite Peak 2	185		11.205					9
163 p-Dimethylamino azobenzene	225		11.312					
164 Chlorobenzilate	139		11.344					
165 4,4'-DDD	235		11.450					
167 Famphur	218		11.605					
168 Butyl benzyl phthalate	149	11.617	11.618	-0.001	74	24849	0.4337	
169 3,3'-Dimethylbenzidine	212		11.664					
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.738					
186 Dibenz[a,j]acridine	279		11.804					
171 2-Acetylaminofluorene	181		11.953					
172 3,3'-Dimethoxybenzidine	244		12.227					9
175 3,3'-Dichlorobenzidine	252	12.264	12.270	-0.006	26	17708	0.3831	
174 4,4'-Methylene bis(2-chloroanili	231		12.270					9
173 Bis(2-ethylhexyl) phthalate	149	12.285	12.291	-0.006	86	31241	0.3742	
177 Benzo[a]anthracene	228		12.323					
178 Chrysene	228		12.371					
180 Di-n-octyl phthalate	149	13.193	13.199	-0.006	67	46553	0.5900	
182 Benzo[b]fluoranthene	252		13.830					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 7,12-Dimethylbenz(a)anthracene	256		13.871					
183 Benzo[k]fluoranthene	252		13.872					
184 Benzo[a]pyrene	252		14.332					
185 3-Methylcholanthrene	268		14.928					
188 Indeno[1,2,3-cd]pyrene	276		16.073					
189 Dibenz(a,h)anthracene	278		16.105					9
190 Benzo[g,h,i]perylene	276		16.527					
S 191 Methyl Phenols,Total	100				0		0.99	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 195 Hydroquinone TIC	110		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 194 Decane TIC	142		5.800					1
T 234 2-Isopropylphenol TIC	121		7.019					1
T 235 4-isopropylphenol TIC	121		7.173					1
T 236 3-isopropylphenol TIC	121		7.173					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		7.537					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 192 Octadecane (TIC)	254		9.600					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1
T 231 2,3,7,8-TCDD	322		12.400					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

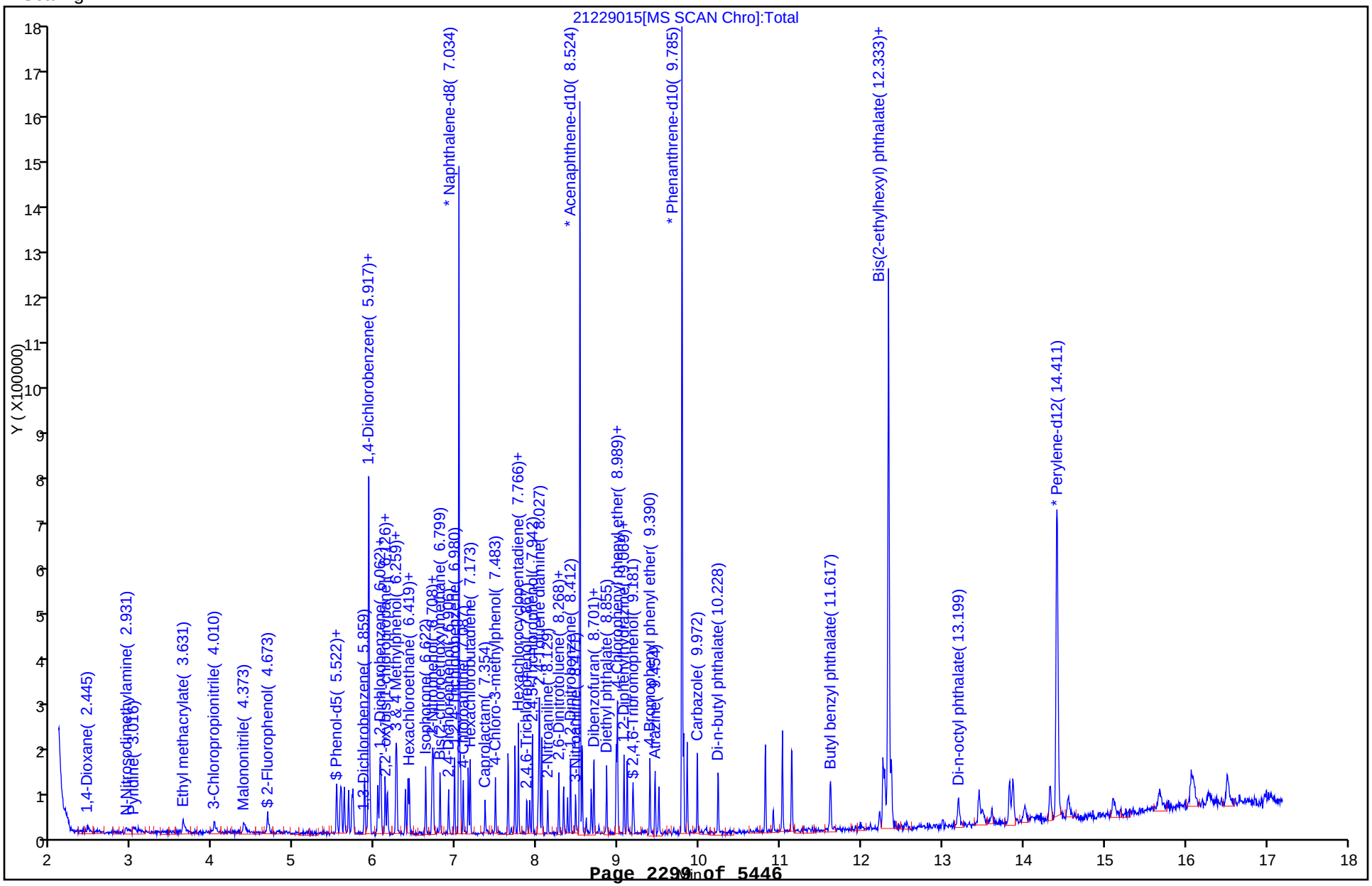
Report Date: 31-Dec-2012 12:21:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229015.D

Injection Date:	29-Dec-2012 17:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	15
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

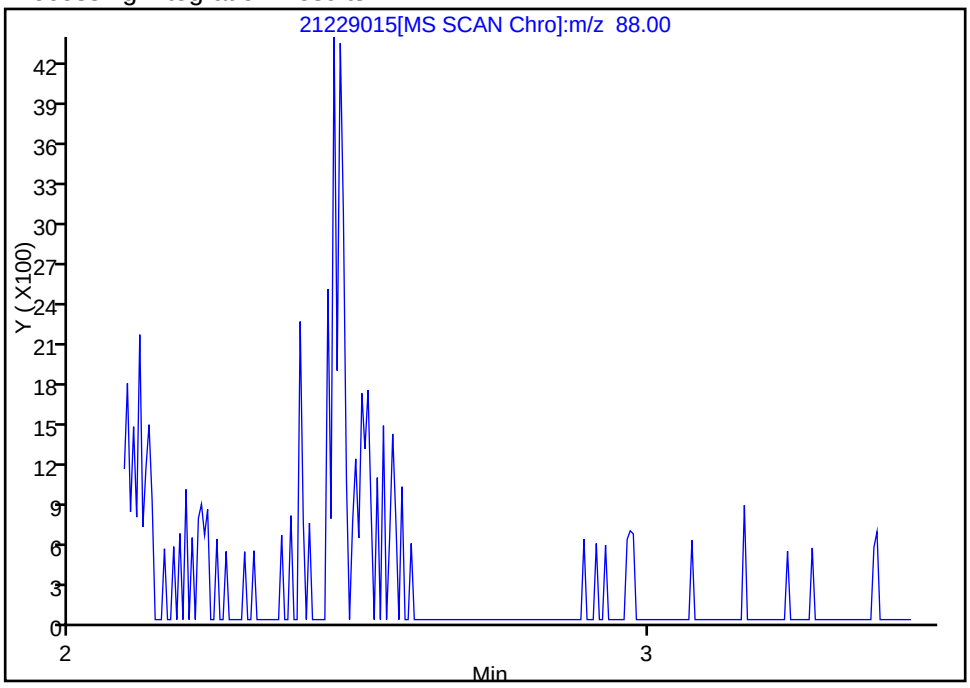
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229015.D		
Injection Date:	29-Dec-2012 17:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	15
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.46

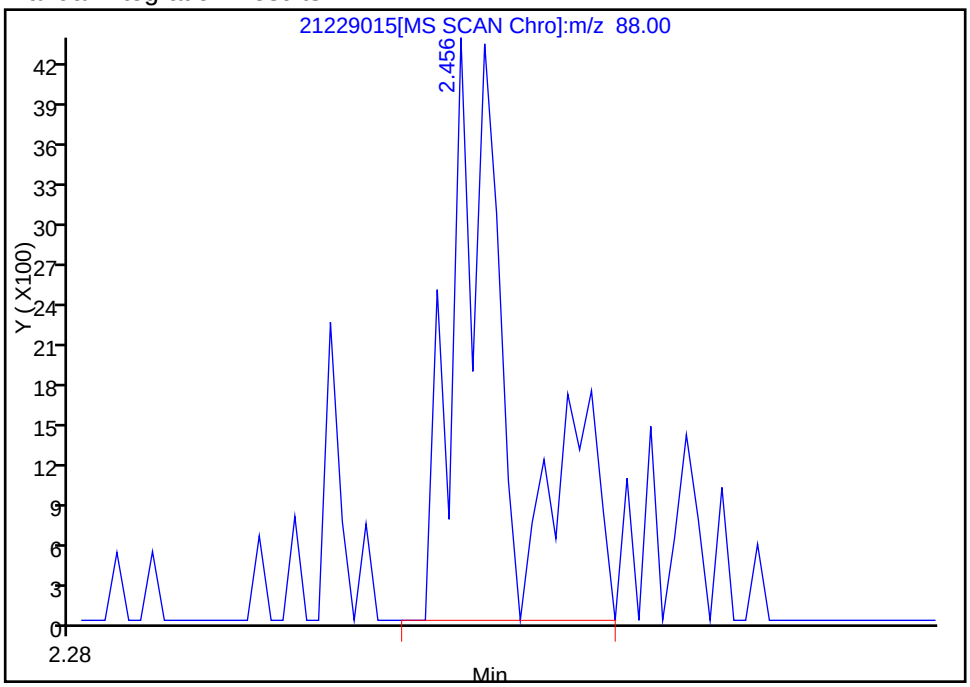
Processing Integration Results

Not Detected
Expected RT: 2.46



Manual Integration Results

RT: 2.46
Response: 8283
Amount: 0.441774



Reviewer: ulmanm, 31-Dec-2012 09:50:32
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

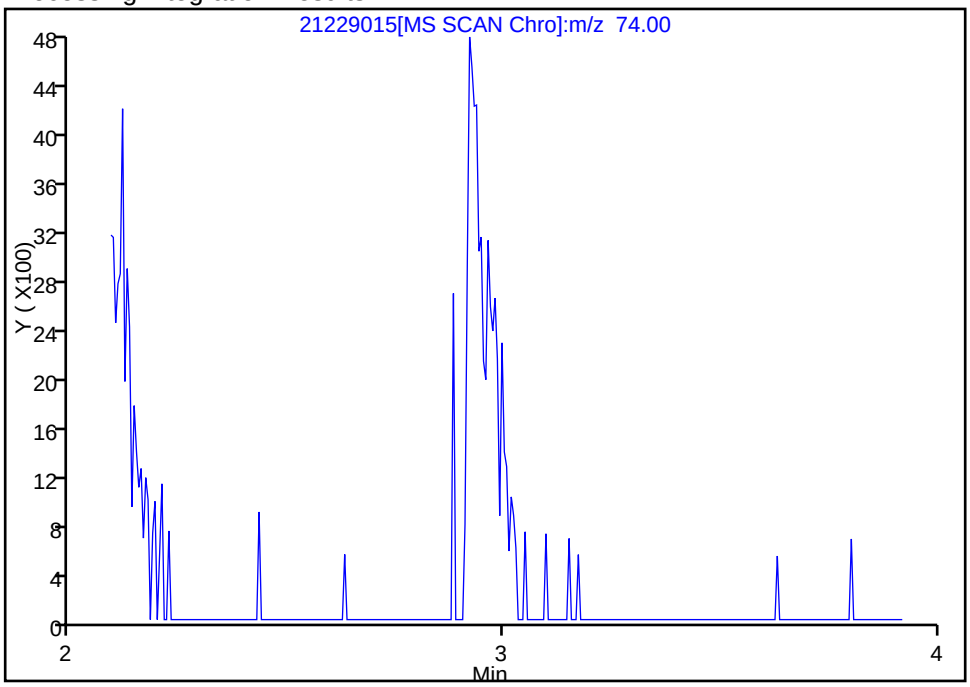
TestAmerica Canton

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Injection Date:	29-Dec-2012 17:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	15
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 2.92

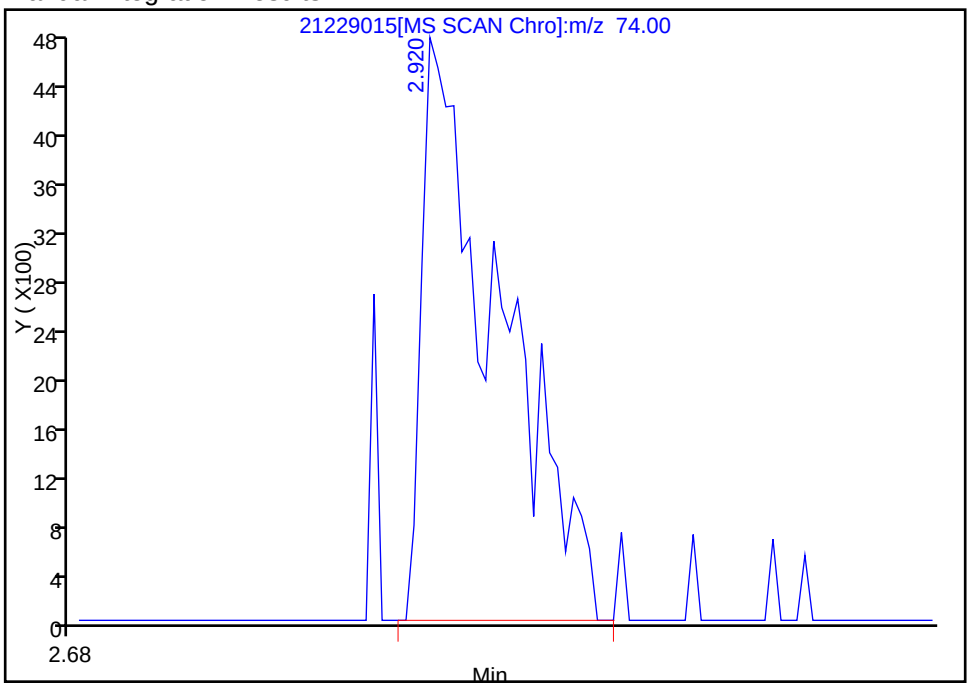
Not Detected
Expected RT: 2.92

Processing Integration Results



Manual Integration Results

RT: 2.92
Response: 16879
Amount: 0.593832



Reviewer: ulmanm, 31-Dec-2012 09:50:32
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

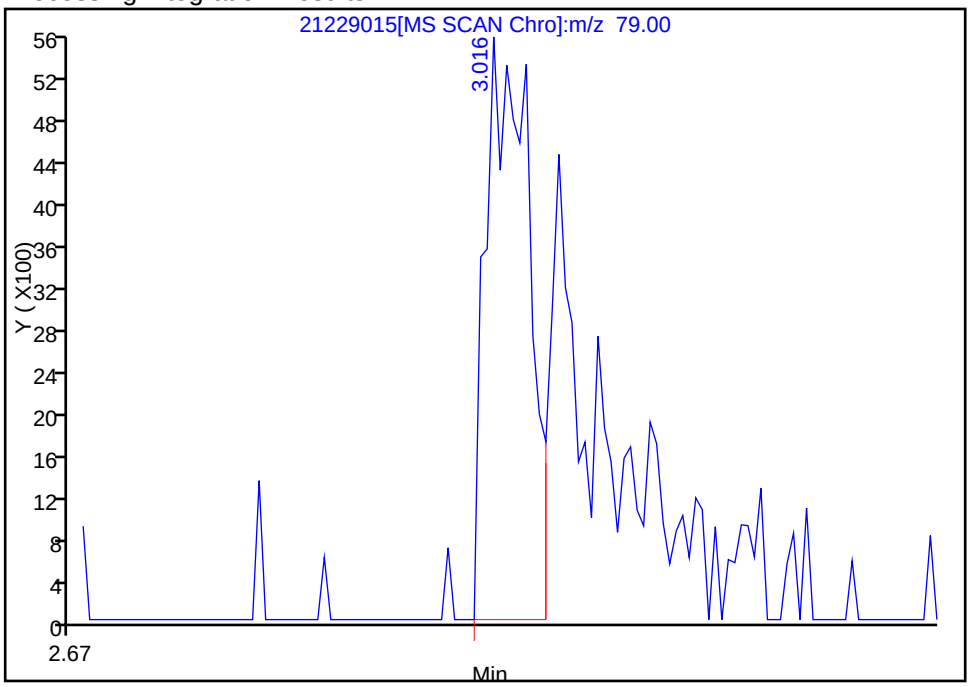
TestAmerica Canton

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Injection Date:	29-Dec-2012 17:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	15
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 2.97

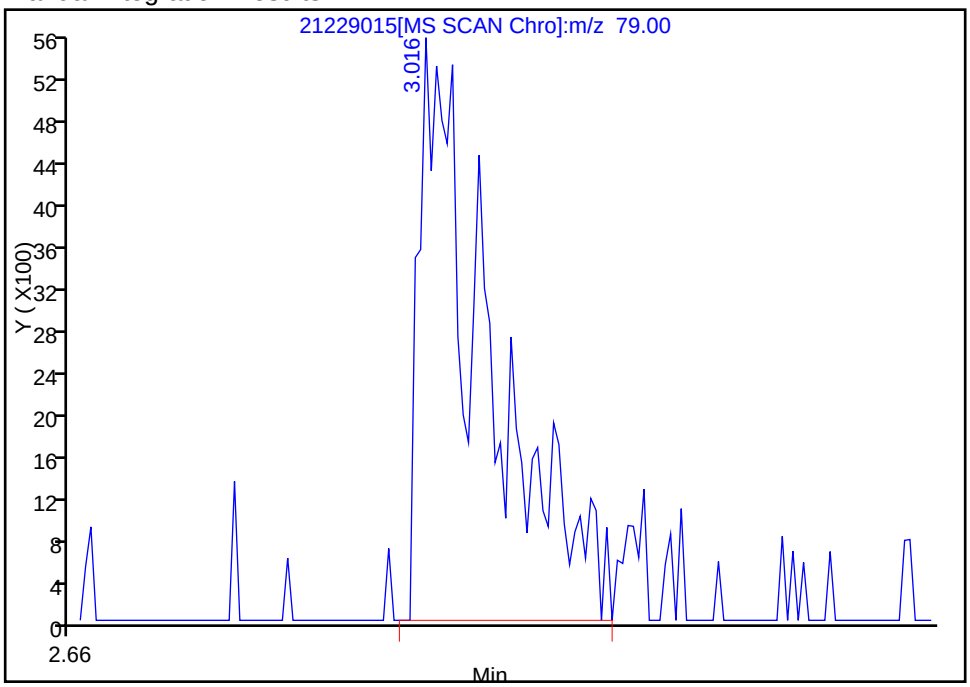
Processing Integration Results

RT: 3.02
Response: 13750
Amount: 0.271585



Manual Integration Results

RT: 3.02
Response: 26549
Amount: 0.524387



Reviewer: ulmanm, 31-Dec-2012 09:50:32
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

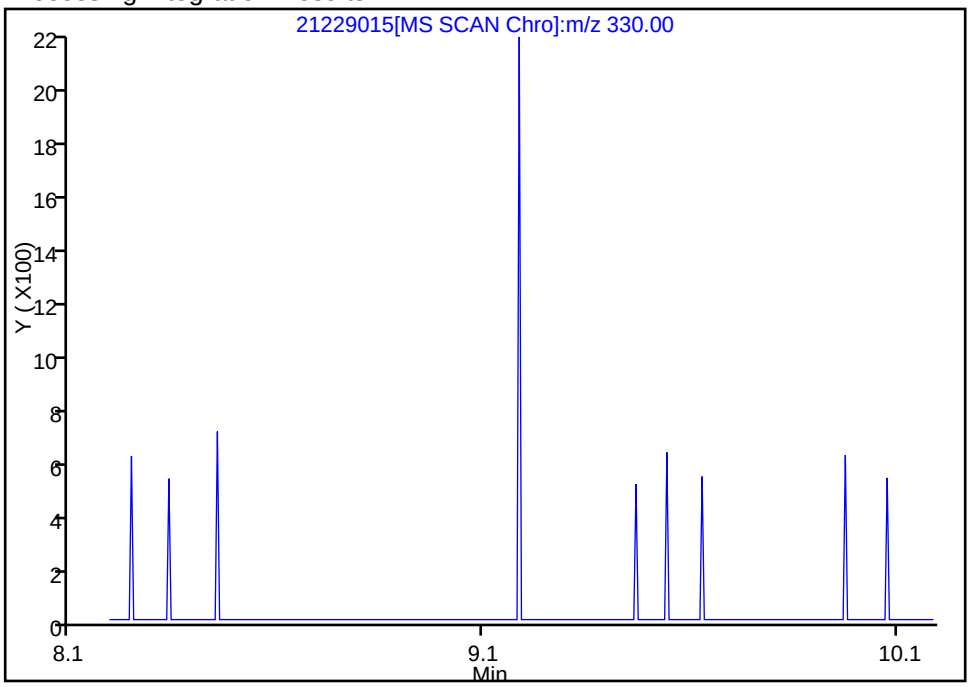
TestAmerica Canton

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Injection Date:	29-Dec-2012 17:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	15
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

$ 11 2,4,6-Tribromophenol, Signal: 1, m/z: 330.0 Type: quant, RT: 9.19

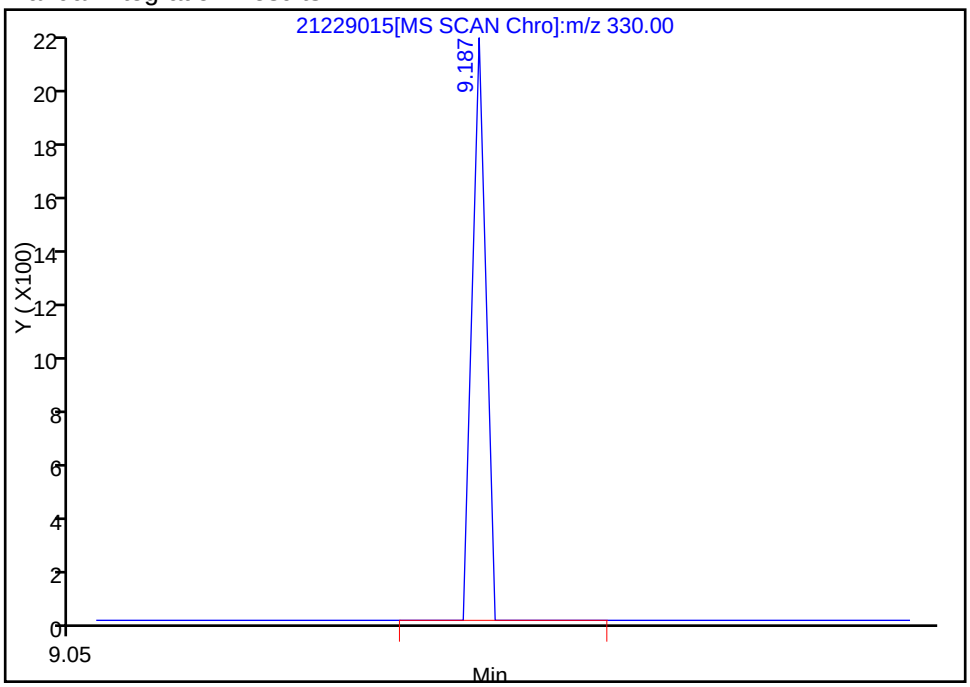
Processing Integration Results

Not Detected
Expected RT: 9.19



Manual Integration Results

RT: 9.19
Response: 697
Amount: 0.298414



Reviewer: ulmanm, 31-Dec-2012 09:50:32
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/29/2012 17:58

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21229016.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzoic acid	Qua				1.11	2.00		
4-Nitrophenol	Qua				0.831	1.00		
4,6-Dinitro-2-methylphenol	Qua				0.804	1.00		
Pentachlorophenol	Qua				0.855	2.00		
1,1'-Biphenyl	Ave	1.497			0.000800	1.00		
1,2,4-Trichlorobenzene	Ave	0.3814			0.000800	1.00		
1,2-Dichlorobenzene	Ave	1.684			0.000800	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.123			0.000800	1.00		
1,3-Dichlorobenzene	Ave	1.736			0.000800	1.00		
1,4-Dichlorobenzene	Ave	1.410			0.000800	1.00		
1,4-Dioxane	Ave	0.6973			0.000800	1.00		
2,4,5-Trichlorophenol	Ave	0.3595			0.000800	1.00		
2,4,6-Trichlorophenol	Ave	0.3354			0.000800	1.00		
2,4-Dichlorophenol	Ave	0.2599			0.000800	1.00		
2,4-Dimethylphenol	Ave	0.4258			0.000800	1.00		
2,4-Dinitrophenol	Qua				0.00240	2.00		
2,4-Dinitrotoluene	Qua				0.000800	1.00		
2,6-Dinitrotoluene	Qua				0.000800	1.00		
2-Chloronaphthalene	Ave	1.315			0.000100	1.00		
2-Chlorophenol	Ave	1.343			0.000800	1.00		
2-Methylnaphthalene	Ave	0.6956			0.000100	1.00		
2-Methylphenol	Ave	1.461			0.000800	1.00		
2-Nitroaniline	Qua				0.000800	1.00		
2-Nitrophenol	Qua				0.000800	1.00		
3 & 4 Methylphenol	Ave	1.532			0.000800	1.00		
3,3'-Dichlorobenzidine	Ave	0.4073			0.000800	1.00		
3-Nitroaniline	Ave	0.2833			0.000800	1.00		
4-Bromophenyl phenyl ether	Ave	0.2394			0.000800	1.00		
4-Chloro-3-methylphenol	Ave	0.3508			0.000800	1.00		
4-Chlorophenyl phenyl ether	Ave	0.7948			0.000800	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/29/2012 17:58

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21229016.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitroaniline	Qua				0.000800	1.00		
Acenaphthene	Ave	1.208			0.000100	1.00		
Acenaphthylene	Ave	1.895			0.000100	1.00		
Acetophenone	Ave	2.237			0.000800	1.00		
Aniline	Ave	2.770			0.00240	1.00		
Anthracene	Ave	1.098			0.000100	1.00		
Atrazine	Ave	0.1512			0.000800	1.00		
Benzaldehyde	Ave	1.741			0.000800	1.00		
Benzidine	Qua				0.00240	1.00		
Benzo[a]anthracene	Qua				0.000100	1.00		
Benzo[a]pyrene	Ave	1.213			0.000100	1.00		
Benzo[b]fluoranthene	Ave	1.334			0.000100	1.00		
Benzo[g,h,i]perylene	Qua				0.000100	1.00		
Benzo[k]fluoranthene	Ave	1.355			0.000100	1.00		
Benzyl alcohol	Ave	0.9903			0.000800	1.00		
Bis(2-chloroethoxy)methane	Ave	0.6654			0.000800	1.00		
Bis(2-chloroethyl)ether	Ave	2.114			0.000100	1.00		
Bis(2-ethylhexyl) phthalate	Ave	0.7356			0.000800	1.00		
Butyl benzyl phthalate	Ave	0.5049			0.000800	1.00		
Caprolactam	Qua				0.000800	1.00		
Carbazole	Ave	1.008			0.000800	1.00		
Chrysene	Ave	1.120			0.000100	1.00		
Dibenz(a,h)anthracene	Ave	1.040			0.000100	1.00		
Dibenzofuran	Ave	1.684			0.000100	1.00		
Diethyl phthalate	Ave	1.266			0.000800	1.00		
Dimethyl phthalate	Ave	1.183			0.000800	1.00		
Di-n-butyl phthalate	Ave	1.243			0.000800	1.00		
Di-n-octyl phthalate	Qua				0.000800	1.00		
Fluoranthene	Ave	1.226			0.000100	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/29/2012 17:58

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21229016.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluorene	Ave	1.283			0.000100	1.00		
Hexachlorobenzene	Ave	0.2304			0.000100	1.00		
Hexachlorobutadiene	Ave	0.2118			0.000800	1.00		
Hexachlorocyclopentadiene	Ave	0.3891			0.000800	1.00		
Hexachloroethane	Ave	0.7413			0.000800	1.00		
Indeno[1,2,3-cd]pyrene	Ave	1.344			0.000100	1.00		
Isophorone	Ave	0.9811			0.000800	1.00		
Naphthalene	Ave	1.053			0.000100	1.00		
Nitrobenzene	Ave	0.6419			0.000100	1.00		
N-Nitrosodimethylamine	Ave	1.057			0.000800	1.00		
N-Nitrosodi-n-propylamine	Ave	1.380			0.000800	1.00		
N-Nitrosodiphenylamine	Ave	0.5510			0.000800	1.00		
Phenanthrene	Ave	1.112			0.000100	1.00		
Phenol	Ave	2.227			0.000800	1.00		
Pyrene	Ave	1.301			0.000100	1.00		
Pyridine	Ave	1.883			0.000800	1.00		
2,4,6-Tribromophenol (Surr)	Qua				0.000000	1.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.603			0.000000	1.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.342			0.000000	1.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.6113			0.000000	1.00	0*	35-100
Phenol-d5 (Surr)	Ave	1.980			0.000000	1.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.9057			0.000000	1.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229016.D		
Lims ID:	mdll3	Client ID:	
Inject. Date:	29-Dec-2012 17:58:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0016269-016		
Misc. Info.:	MDLL3 =MDLL3		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	70566	Lims Sample ID:	16
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\8270 _9.m		
Last Update:	31-Dec-2012 12:20:56	Calib Date:	21-Dec-2012 20:45:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK007		
First Level Reviewer: ulmanm		Date:	31-Dec-2012 10:27:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.918	5.918	0.0	94	122589	4.00	
* 2 Naphthalene-d8	136	7.035	7.034	0.001	99	469049	4.00	
* 3 Acenaphthene-d10	164	8.525	8.525	0.0	83	284711	4.00	
* 4 Phenanthrene-d10	188	9.786	9.786	0.0	97	506238	4.00	
* 5 Chrysene-d12	240	12.334	12.339	-0.005	79	487835	4.00	
* 6 Perylene-d12	264	14.412	14.412	0.0	83	409221	4.00	
$ 7 2-Fluorophenol	112		4.673					
$ 8 Phenol-d5	99		5.571					
$ 9 Nitrobenzene-d5	82		6.404					
$ 10 2-Fluorobiphenyl (Surr)	172		7.943					
$ 11 2,4,6-Tribromophenol	330		9.193					
$ 12 Terphenyl-d14	244		11.143					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
20 Dimethylformamide	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
25 1,4-Dioxane	88		2.456					
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		2.921					
27 Pyridine	79		2.974					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.632					
232 1-Methyl-2-pyrrilidinone	99		3.880					
29 3-Chloropropionitrile	54		4.011					
31 2-Picoline	93		4.068					
52 Indene	115		4.084					
32 N-Nitrosomethylethylamine	88		4.212					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66		4.374					
17 4-Chlorophenol	128		4.500					
34 Methyl methanesulfonate	80		4.532					
30 3-Picoline	93		4.591					9
24 Catechol	110		4.592					9
233 n,n'-Dimethylacetamide	44		4.618					
15 3-Methylcatechol	124		4.913					
36 N-Nitrosodiethylamine	102		4.944					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.232					
38 2-Methylcyclohexanone	68		5.441					
39 3-Methylcyclohexanone	69		5.478					
41 Benzaldehyde	77		5.523					
40 4-Methylcyclohexanone	55		5.526					
43 Phenol	94		5.581					
44 Aniline	93		5.619					
69 Bis(2-chloroethyl)ether	93		5.672					
45 Pentachloroethane	167		5.697					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128		5.731					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.870					
48 1,4-Dichlorobenzene	146		5.934					
49 Benzyl alcohol	108		6.030					
50 1,2-Dichlorobenzene	146		6.073					
51 2-Methylphenol	108		6.126					
53 2,2'-oxybis[1-chloropropane]	45		6.153					
21 3 & 4 Methylphenol	108		6.255					
57 N-Nitrosodi-n-propylamine	70		6.265					
58 Acetophenone	105		6.271					
56 N-Nitrosopyrrolidine	100		6.274					
59 N-Nitrosomorpholine	56		6.306					9
60 2-Toluidine	106		6.327					9
61 Hexachloroethane	117		6.372					
62 Nitrobenzene	77		6.420					
63 N-Nitrosopiperidine	114		6.578					
64 Isophorone	82		6.623					
66 2-Nitrophenol	139		6.698					
67 1,3,5-Trichlorobenzene	180		6.709					
65 2,4-Dimethylphenol	107		6.719					
71 Benzoic acid	122	6.762	6.789	-0.027	58	6777	1.11	
68 o,o',o''-Triethylphosphorothioat	198		6.798					
70 Bis(2-chloroethoxy)methane	93		6.799					
73 2,4-Dichlorophenol	162		6.906					
72 alpha,alpha-Dimethyl phenethylam	58		6.920					
74 1,2,4-Trichlorobenzene	180		6.981					
75 Naphthalene	128		7.051					
76 4-Chloroaniline	127		7.088					
77 2,6-Dichlorophenol	162		7.123					
79 Hexachlorobutadiene	225		7.147					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
78 Hexachloropropene	213		7.155					
80 1,2,3-Trichlorobenzene	180		7.173					
84 Caprolactam	113		7.371					
83 N-Nitrosodi-n-butylamine	84		7.385					9
85 p-Phenylene diamine	108		7.407					9
86 4-Chloro-3-methylphenol	107		7.483					
94 Safrole, Total	162		7.577					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142		7.638					
88 1-Methylnaphthalene	142		7.724					
89 Hexachlorocyclopentadiene	237		7.766					
90 1,2,3,5-Tetrachlorobenzene	216		7.766					
91 1,2,4,5-Tetrachlorobenzene	216		7.807					
225 Isosafrole Peak 1	162		7.823					9
92 2,4,6-Trichlorophenol	196		7.873					
93 2,4,5-Trichlorophenol	196		7.905					
97 2,4-Toluene diamine	121		8.012					
227 Isosafrole Peak 2	162		8.016					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.023					
98 1,1'-Biphenyl	154		8.028					
100 2-Chloronaphthalene	162		8.055					
102 2-Nitroaniline	65		8.130					
103 1,4-Naphthoquinone	158		8.224					
104 1,4-Dinitrobenzene	168		8.267					
105 Dimethyl phthalate	163		8.269					
107 2,6-Dinitrotoluene	165		8.327					
106 1,3-Dinitrobenzene	168		8.331					
108 1,2-Dinitrobenzene	168		8.375					
109 Acenaphthylene	152		8.413					
110 3-Nitroaniline	138		8.477					
112 Acenaphthene	153		8.557					
111 2,4-Dinitrophenol	184		8.562					
113 4-Nitrophenol	109	8.600	8.600	0.0	74	8395	0.8311	
114 2,4-Dinitrotoluene	165		8.669					
115 Pentachlorobenzene	250		8.689					
116 Dibenzofuran	168		8.701					
118 2,3,5,6-Tetrachlorophenol	232		8.760					
117 1-Naphthylamine	143		8.790					
119 2,3,4,6-Tetrachlorophenol	232		8.822					9
120 2-Naphthylamine	143		8.854					
121 Diethyl phthalate	149		8.856					
122 Thionazin	97		8.956					
123 4-Chlorophenyl phenyl ether	204		8.974					
125 4-Nitroaniline	138		8.990					
126 Fluorene	166		8.990					
128 4,6-Dinitro-2-methylphenol	198	9.011	9.011	0.0	3	1548	0.8043	
124 N-Nitro-o-toluidine	152		9.015					9
127 Tributyl phosphate	99		9.047					9
131 N-Nitrosodiphenylamine	169		9.070					
130 Diphenylamine	169		9.100					
133 Azobenzene	77		9.107					
132 1,2-Diphenylhydrazine	77		9.107					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
134 Sulfotepp	202		9.207					
176 Hexabromobenzene	232		9.208					
135 1,3,5-Trinitrobenzene	213		9.298					
228 Diallate Peak 1	86		9.335					9
137 Phenacetin	108		9.340					
138 Phorate	121		9.346					
139 4-Bromophenyl phenyl ether	248		9.390					
230 Diallate Peak 2	86		9.415					9
141 Hexachlorobenzene	284		9.454					
140 Dimethoate	87		9.490					9
142 Atrazine	200		9.503					
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.615	9.615	0.0	22	3586	0.8553	
129 4-Aminobiphenyl	169		9.640					9
145 Pentachloronitrobenzene	237		9.650					
144 Pronamide	173		9.666					
147 Dinoseb	211		9.778					
146 Disulfoton	88		9.784					9
148 Phenanthrene	178		9.807					
149 Anthracene	178		9.850					
150 DFTPP								
151 Carbazole	167		9.978					
152 Methyl parathion	109		10.104					
154 Di-n-butyl phthalate	149		10.229					
155 Ethyl Parathion	97		10.425					
156 4-Nitroquinoline-1-oxide	190		10.478					
157 Methapyrilene	58		10.526					
158 Isodrin	66		10.719					
159 Fluoranthene	202		10.817					
160 Benzidine	184		10.913					
161 Pyrene	202		11.025					
166 4,4'-DDE	246		11.116					9
226 Aramite Peak 1	185		11.130					9
229 Aramite Peak 2	185		11.205					9
163 p-Dimethylamino azobenzene	225		11.312					
164 Chlorobenzilate	139		11.344					
165 4,4'-DDD	235		11.450					
167 Famphur	218		11.605					
168 Butyl benzyl phthalate	149		11.618					
169 3,3'-Dimethylbenzidine	212		11.664					
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.738					
186 Dibenz[a,j]acridine	279		11.804					
171 2-Acetylaminofluorene	181		11.953					
172 3,3'-Dimethoxybenzidine	244		12.227					9
175 3,3'-Dichlorobenzidine	252		12.270					
174 4,4'-Methylene bis(2-chloroanili	231		12.270					
173 Bis(2-ethylhexyl) phthalate	149		12.291					
177 Benzo[a]anthracene	228		12.323					
178 Chrysene	228		12.371					
180 Di-n-octyl phthalate	149		13.199					
182 Benzo[b]fluoranthene	252		13.830					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 7,12-Dimethylbenz(a)anthracene	256		13.871					
183 Benzo[k]fluoranthene	252		13.872					
184 Benzo[a]pyrene	252		14.332					
185 3-Methylcholanthrene	268		14.928					
188 Indeno[1,2,3-cd]pyrene	276		16.073					
189 Dibenz(a,h)anthracene	278		16.105					
190 Benzo[g,h,i]perylene	276		16.527					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 195 Hydroquinone TIC	110		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 194 Decane TIC	142		5.800					1
T 234 2-Isopropylphenol TIC	121		7.019					
T 235 4-isopropylphenol TIC	121		7.173					
T 236 3-isopropylphenol TIC	121		7.173					
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		7.537					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 192 Octadecane (TIC)	254		9.600					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1
T 231 2,3,7,8-TCDD	322		12.400					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

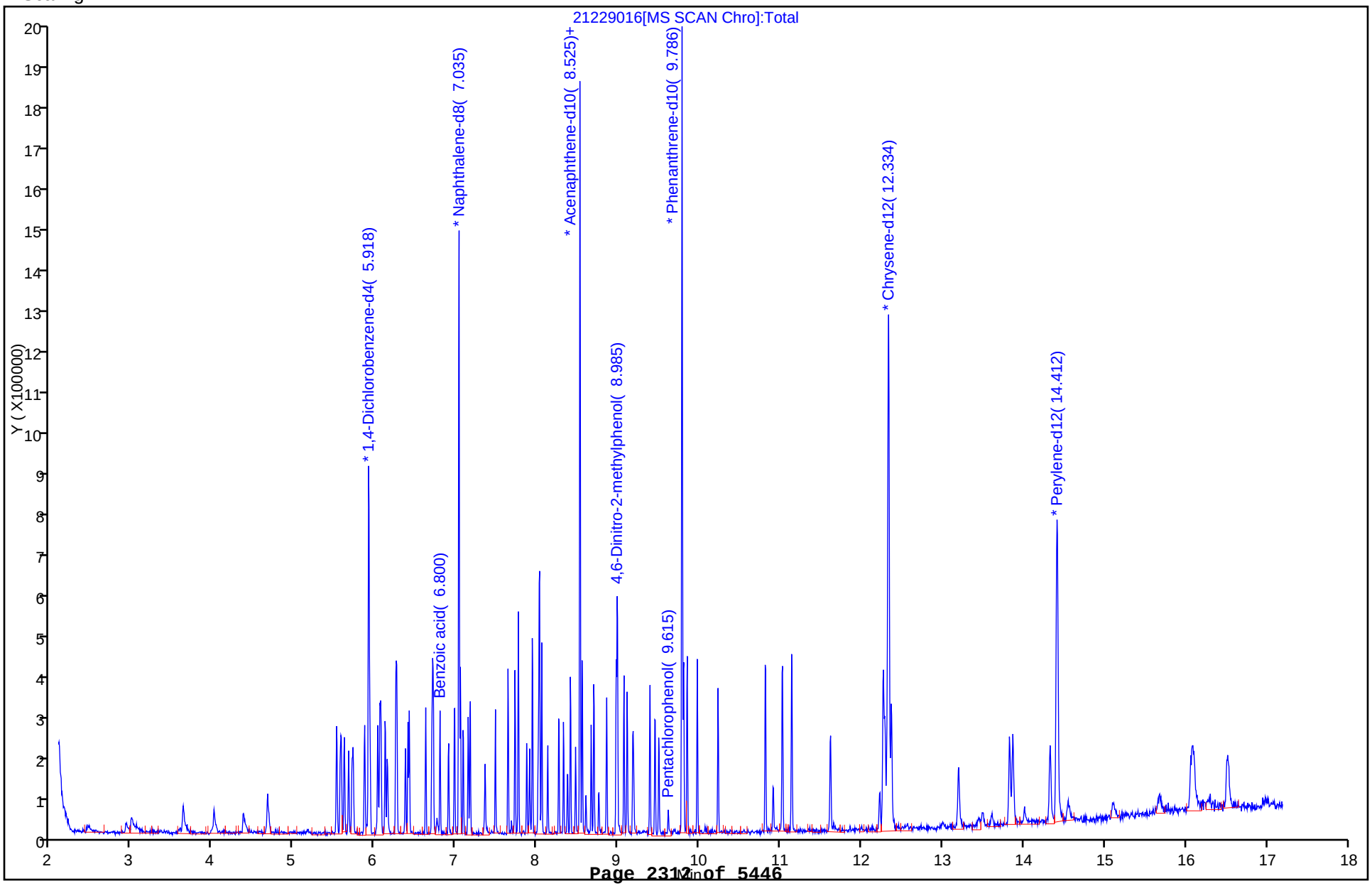
Report Date: 31-Dec-2012 12:21:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229016.D

Injection Date:	29-Dec-2012 17:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	16
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/29/2012 18:23

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21229017.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				1.78	4.00		
1,1'-Biphenyl	Ave	1.497			0.000800	2.00		
1,2,4-Trichlorobenzene	Ave	0.3814			0.000800	2.00		
1,2-Dichlorobenzene	Ave	1.684			0.000800	2.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.123			0.000800	2.00		
1,3-Dichlorobenzene	Ave	1.736			0.000800	2.00		
1,4-Dichlorobenzene	Ave	1.410			0.000800	2.00		
1,4-Dioxane	Ave	0.6973			0.000800	2.00		
2,4,5-Trichlorophenol	Ave	0.3595			0.000800	2.00		
2,4,6-Trichlorophenol	Ave	0.3354			0.000800	2.00		
2,4-Dichlorophenol	Ave	0.2599			0.000800	2.00		
2,4-Dimethylphenol	Ave	0.4258			0.000800	2.00		
2,4-Dinitrotoluene	Qua				0.000800	2.00		
2,6-Dinitrotoluene	Qua				0.000800	2.00		
2-Chloronaphthalene	Ave	1.315			0.000100	2.00		
2-Chlorophenol	Ave	1.343			0.000800	2.00		
2-Methylnaphthalene	Ave	0.6956			0.000100	2.00		
2-Methylphenol	Ave	1.461			0.000800	2.00		
2-Nitroaniline	Qua				0.000800	2.00		
2-Nitrophenol	Qua				0.000800	2.00		
3 & 4 Methylphenol	Ave	1.532			0.000800	2.00		
3,3'-Dichlorobenzidine	Ave	0.4073			0.000800	2.00		
3-Nitroaniline	Ave	0.2833			0.000800	2.00		
4,6-Dinitro-2-methylphenol	Qua				0.00240	2.00		
4-Bromophenyl phenyl ether	Ave	0.2394			0.000800	2.00		
4-Chloro-3-methylphenol	Ave	0.3508			0.000800	2.00		
4-Chlorophenyl phenyl ether	Ave	0.7948			0.000800	2.00		
4-Nitroaniline	Qua				0.000800	2.00		
4-Nitrophenol	Qua				0.00240	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/29/2012 18:23

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21229017.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.208			0.000100	2.00		
Acenaphthylene	Ave	1.895			0.000100	2.00		
Acetophenone	Ave	2.237			0.000800	2.00		
Aniline	Ave	2.770			0.00240	2.00		
Anthracene	Ave	1.098			0.000100	2.00		
Atrazine	Ave	0.1512			0.000800	2.00		
Benzaldehyde	Ave	1.741			0.000800	2.00		
Benzidine	Qua				0.00240	2.00		
Benzo[a]anthracene	Qua				0.000100	2.00		
Benzo[a]pyrene	Ave	1.213			0.000100	2.00		
Benzo[b]fluoranthene	Ave	1.334			0.000100	2.00		
Benzo[g,h,i]perylene	Qua				0.000100	2.00		
Benzo[k]fluoranthene	Ave	1.355			0.000100	2.00		
Benzoic acid	Qua				0.0100	4.00		
Benzyl alcohol	Ave	0.9903			0.000800	2.00		
Bis(2-chloroethoxy)methane	Ave	0.6654			0.000800	2.00		
Bis(2-chloroethyl)ether	Ave	2.114			0.000100	2.00		
Bis(2-ethylhexyl) phthalate	Ave	0.7356			0.000800	2.00		
Butyl benzyl phthalate	Ave	0.5049			0.000800	2.00		
Caprolactam	Qua				0.000800	2.00		
Carbazole	Ave	1.008			0.000800	2.00		
Chrysene	Ave	1.120			0.000100	2.00		
Dibenz(a,h)anthracene	Ave	1.040			0.000100	2.00		
Dibenzofuran	Ave	1.684			0.000100	2.00		
Diethyl phthalate	Ave	1.266			0.000800	2.00		
Dimethyl phthalate	Ave	1.183			0.000800	2.00		
Di-n-butyl phthalate	Ave	1.243			0.000800	2.00		
Di-n-octyl phthalate	Qua				0.000800	2.00		
Fluoranthene	Ave	1.226			0.000100	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/29/2012 18:23

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 21229017.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluorene	Ave	1.283			0.000100	2.00		
Hexachlorobenzene	Ave	0.2304			0.000100	2.00		
Hexachlorobutadiene	Ave	0.2118			0.000800	2.00		
Hexachlorocyclopentadiene	Ave	0.3891			0.000800	2.00		
Hexachloroethane	Ave	0.7413			0.000800	2.00		
Indeno[1,2,3-cd]pyrene	Ave	1.344			0.000100	2.00		
Isophorone	Ave	0.9811			0.000800	2.00		
Naphthalene	Ave	1.053			0.000100	2.00		
Nitrobenzene	Ave	0.6419			0.000100	2.00		
N-Nitrosodimethylamine	Ave	1.057			0.000800	2.00		
N-Nitrosodi-n-propylamine	Ave	1.380			0.000800	2.00		
N-Nitrosodiphenylamine	Ave	0.5510			0.000800	2.00		
Pentachlorophenol	Qua				0.00240	4.00		
Phenanthrene	Ave	1.112			0.000100	2.00		
Phenol	Ave	2.227			0.000800	2.00		
Pyrene	Ave	1.301			0.000100	2.00		
Pyridine	Ave	1.883			0.000800	2.00		
2,4,6-Tribromophenol (Surr)	Qua				0.000000	2.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.603			0.000000	2.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.342			0.000000	2.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.6113			0.000000	2.00	0*	35-100
Phenol-d5 (Surr)	Ave	1.980			0.000000	2.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.9057			0.000000	2.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229017.D
Lims ID: mdll4 Client ID:
Inject. Date: 29-Dec-2012 18:23:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0016269-017
Misc. Info.: MDLL4 =MDLL4
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 70566 Lims Sample ID: 17
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\8270 _9.m
Last Update: 31-Dec-2012 12:20:56 Calib Date: 21-Dec-2012 20:45:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm Date: 31-Dec-2012 10:32:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.921	5.918	0.003	95	121755	4.00	
* 2 Naphthalene-d8	136	7.032	7.034	-0.002	98	492598	4.00	
* 3 Acenaphthene-d10	164	8.528	8.525	0.003	93	291951	4.00	
* 4 Phenanthrene-d10	188	9.783	9.786	-0.003	97	504862	4.00	
* 5 Chrysene-d12	240	12.337	12.339	-0.002	78	516391	4.00	
* 6 Perylene-d12	264	14.410	14.412	-0.002	90	410327	4.00	
$ 7 2-Fluorophenol	112		4.673					
$ 8 Phenol-d5	99		5.571					
$ 9 Nitrobenzene-d5	82		6.404					
$ 10 2-Fluorobiphenyl (Surr)	172		7.943					
$ 11 2,4,6-Tribromophenol	330		9.193					
$ 12 Terphenyl-d14	244		11.143					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
20 Dimethylformamide	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
25 1,4-Dioxane	88		2.456					
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		2.921					
27 Pyridine	79		2.974					2
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.632					
232 1-Methyl-2-pyrrilidinone	99		3.880					
29 3-Chloropropionitrile	54		4.011					
31 2-Picoline	93		4.068					9
52 Indene	115		4.084					
32 N-Nitrosomethylethylamine	88		4.212					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66		4.374					
17 4-Chlorophenol	128		4.500					
34 Methyl methanesulfonate	80		4.532					
30 3-Picoline	93		4.591					9
24 Catechol	110		4.592					
233 n,n'-Dimethylacetamide	44		4.618					
15 3-Methylcatechol	124		4.913					
36 N-Nitrosodiethylamine	102		4.944					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.232					9
38 2-Methylcyclohexanone	68		5.441					
39 3-Methylcyclohexanone	69		5.478					
41 Benzaldehyde	77		5.523					
40 4-Methylcyclohexanone	55		5.526					
43 Phenol	94		5.581					
44 Aniline	93		5.619					
69 Bis(2-chloroethyl)ether	93		5.672					
45 Pentachloroethane	167		5.697					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128		5.731					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.870					
48 1,4-Dichlorobenzene	146		5.934					
49 Benzyl alcohol	108		6.030					
50 1,2-Dichlorobenzene	146		6.073					
51 2-Methylphenol	108		6.126					
53 2,2'-oxybis[1-chloropropane]	45		6.153					
21 3 & 4 Methylphenol	108		6.255					
57 N-Nitrosodi-n-propylamine	70		6.265					
58 Acetophenone	105		6.271					
56 N-Nitrosopyrrolidine	100		6.274					
59 N-Nitrosomorpholine	56		6.306					9
60 2-Toluidine	106		6.327					9
61 Hexachloroethane	117		6.372					
62 Nitrobenzene	77		6.420					
63 N-Nitrosopiperidine	114		6.578					
64 Isophorone	82		6.623					
66 2-Nitrophenol	139		6.698					
67 1,3,5-Trichlorobenzene	180		6.709					
65 2,4-Dimethylphenol	107		6.719					
71 Benzoic acid	122		6.789					
68 o,o',o''-Triethylphosphorothioat	198		6.798					
70 Bis(2-chloroethoxy)methane	93		6.799					
73 2,4-Dichlorophenol	162		6.906					
72 alpha,alpha-Dimethyl phenethylam	58		6.920					
74 1,2,4-Trichlorobenzene	180		6.981					
75 Naphthalene	128		7.051					
76 4-Chloroaniline	127		7.088					
77 2,6-Dichlorophenol	162		7.123					
79 Hexachlorobutadiene	225		7.147					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
78 Hexachloropropene	213		7.155					
80 1,2,3-Trichlorobenzene	180		7.173					
84 Caprolactam	113		7.371					
83 N-Nitrosodi-n-butylamine	84		7.385					
85 p-Phenylene diamine	108		7.407					9
86 4-Chloro-3-methylphenol	107		7.483					
94 Safrole, Total	162		7.577					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142		7.638					
88 1-Methylnaphthalene	142		7.724					
89 Hexachlorocyclopentadiene	237		7.766					
90 1,2,3,5-Tetrachlorobenzene	216		7.766					
91 1,2,4,5-Tetrachlorobenzene	216		7.807					
225 Isosafrole Peak 1	162		7.823					9
92 2,4,6-Trichlorophenol	196		7.873					
93 2,4,5-Trichlorophenol	196		7.905					
97 2,4-Toluene diamine	121		8.012					
227 Isosafrole Peak 2	162		8.016					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.023					
98 1,1'-Biphenyl	154		8.028					
100 2-Chloronaphthalene	162		8.055					
102 2-Nitroaniline	65		8.130					
103 1,4-Naphthoquinone	158		8.224					
104 1,4-Dinitrobenzene	168		8.267					
105 Dimethyl phthalate	163		8.269					
107 2,6-Dinitrotoluene	165		8.327					
106 1,3-Dinitrobenzene	168		8.331					
108 1,2-Dinitrobenzene	168		8.375					
109 Acenaphthylene	152		8.413					
110 3-Nitroaniline	138		8.477					
112 Acenaphthene	153		8.557					
111 2,4-Dinitrophenol	184	8.560	8.562	-0.002	25	3372	1.78	
113 4-Nitrophenol	109		8.600					
114 2,4-Dinitrotoluene	165		8.669					
115 Pentachlorobenzene	250		8.689					
116 Dibenzofuran	168		8.701					
118 2,3,5,6-Tetrachlorophenol	232		8.760					
117 1-Naphthylamine	143		8.790					9
119 2,3,4,6-Tetrachlorophenol	232		8.822					
120 2-Naphthylamine	143		8.854					
121 Diethyl phthalate	149		8.856					
122 Thionazin	97		8.956					9
123 4-Chlorophenyl phenyl ether	204		8.974					
125 4-Nitroaniline	138		8.990					
126 Fluorene	166		8.990					
128 4,6-Dinitro-2-methylphenol	198		9.011					9
124 N-Nitro-o-toluidine	152		9.015					9
127 Tributyl phosphate	99		9.047					9
131 N-Nitrosodiphenylamine	169		9.070					
130 Diphenylamine	169		9.100					
133 Azobenzene	77		9.107					
132 1,2-Diphenylhydrazine	77		9.107					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
134 Sulfotepp	202		9.207					
176 Hexabromobenzene	232		9.208					
135 1,3,5-Trinitrobenzene	213		9.298					
228 Diallate Peak 1	86		9.335					
137 Phenacetin	108		9.340					
138 Phorate	121		9.346					
139 4-Bromophenyl phenyl ether	248		9.390					
230 Diallate Peak 2	86		9.415					
141 Hexachlorobenzene	284		9.454					
140 Dimethoate	87		9.490					9
142 Atrazine	200		9.503					
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.615					
129 4-Aminobiphenyl	169		9.640					9
145 Pentachloronitrobenzene	237		9.650					9
144 Pronamide	173		9.666					
147 Dinoseb	211		9.778					
146 Disulfoton	88		9.784					9
148 Phenanthrene	178		9.807					
149 Anthracene	178		9.850					
150 DFTPP								
151 Carbazole	167		9.978					
152 Methyl parathion	109		10.104					
154 Di-n-butyl phthalate	149		10.229					
155 Ethyl Parathion	97		10.425					9
156 4-Nitroquinoline-1-oxide	190		10.478					
157 Methapyrilene	58		10.526					
158 Isodrin	66		10.719					
159 Fluoranthene	202		10.817					
160 Benzidine	184		10.913					
161 Pyrene	202		11.025					
166 4,4'-DDE	246		11.116					9
226 Aramite Peak 1	185		11.130					9
229 Aramite Peak 2	185		11.205					9
163 p-Dimethylamino azobenzene	225		11.312					
164 Chlorobenzilate	139		11.344					
165 4,4'-DDD	235		11.450					
167 Famphur	218		11.605					
168 Butyl benzyl phthalate	149		11.618					
169 3,3'-Dimethylbenzidine	212		11.664					
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.738					
186 Dibenz[a,j]acridine	279		11.804					
171 2-Acetylaminofluorene	181		11.953					
172 3,3'-Dimethoxybenzidine	244		12.227					
175 3,3'-Dichlorobenzidine	252		12.270					
174 4,4'-Methylene bis(2-chloroanili	231		12.270					
173 Bis(2-ethylhexyl) phthalate	149		12.291					
177 Benzo[a]anthracene	228		12.323					
178 Chrysene	228		12.371					
180 Di-n-octyl phthalate	149		13.199					
182 Benzo[b]fluoranthene	252		13.830					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 7,12-Dimethylbenz(a)anthracene	256		13.871					
183 Benzo[k]fluoranthene	252		13.872					
184 Benzo[a]pyrene	252		14.332					
185 3-Methylcholanthrene	268		14.928					
188 Indeno[1,2,3-cd]pyrene	276		16.073					
189 Dibenz(a,h)anthracene	278		16.105					
190 Benzo[g,h,i]perylene	276		16.527					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 195 Hydroquinone TIC	110		0.000					
T 240 Trimethyl phosphate TIC	110		3.120					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 194 Decane TIC	142		5.800					
T 234 2-Isopropylphenol TIC	121		7.019					
T 235 4-isopropylphenol TIC	121		7.173					
T 236 3-isopropylphenol TIC	121		7.173					
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		7.537					
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 197 Hexachlorophene TIC	198		9.269					24
T 241 Tricresyl phosphate TIC	368		9.372					1
T 192 Octadecane (TIC)	254		9.600					
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1
T 231 2,3,7,8-TCDD	322		12.400					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
2 - Failed Coelution Test
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

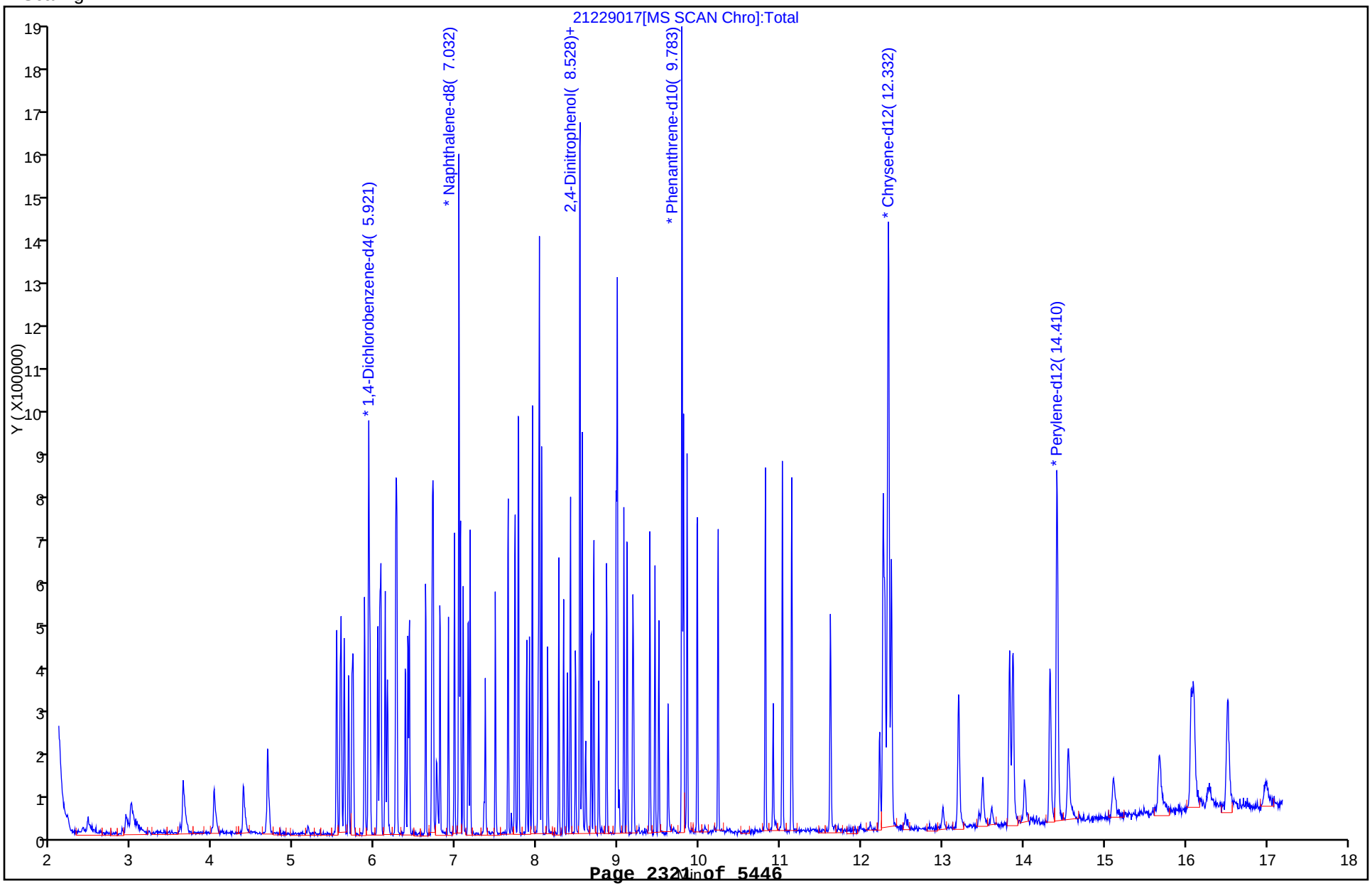
Report Date: 31-Dec-2012 12:21:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229017.D

Injection Date:	29-Dec-2012 18:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	17
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-70814/2 Calibration Date: 01/02/2013 08:42

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 30102002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6973	0.6971		10.0	10.0	-0.0	
N-Nitrosodimethylamine	Ave	1.057	1.103		10.4	10.0	4.3	
Pyridine	Ave	1.883	1.843		9.79	10.0	-2.1	
Benzaldehyde	Ave	1.741	1.673		9.61	10.0	-3.9	
Phenol	Ave	2.227	2.188		9.82	10.0	-1.8	
Aniline	Ave	2.770	2.667		9.63	10.0	-3.7	
Bis(2-chloroethyl)ether	Ave	2.114	1.921		9.09	10.0	-9.1	
2-Chlorophenol	Ave	1.343	1.350		10.0	10.0	0.5	
1,3-Dichlorobenzene	Ave	1.736	1.618		9.32	10.0	-6.8	
1,4-Dichlorobenzene	Ave	1.410	1.378		9.77	10.0	-2.3	
Benzyl alcohol	Ave	0.9903	0.9524		9.62	10.0	-3.8	
1,2-Dichlorobenzene	Ave	1.684	1.511		8.97	10.0	-10.3	
2-Methylphenol	Ave	1.461	1.438		9.84	10.0	-1.6	
3 & 4 Methylphenol	Ave	1.532	1.596		10.4	10.0	4.2	
N-Nitrosodi-n-propylamine	Ave	1.380	1.349		9.77	10.0	-2.3	
Acetophenone	Ave	2.237	2.110		9.43	10.0	-5.7	
Hexachloroethane	Ave	0.7413	0.7361		9.93	10.0	-0.7	
Nitrobenzene	Ave	0.6419	0.6124		9.54	10.0	-4.6	
Isophorone	Ave	0.9811	0.9400		9.58	10.0	-4.2	
2-Nitrophenol	Qua		0.1794		10.3	10.0	3.0	
2,4-Dimethylphenol	Ave	0.4258	0.3935		9.24	10.0	-7.6	
Benzoic acid	Qua		0.2178		18.8	20.0	-5.9	
Bis(2-chloroethoxy)methane	Ave	0.6654	0.6276		9.43	10.0	-5.7	
2,4-Dichlorophenol	Ave	0.2599	0.2566		9.87	10.0	-1.3	
1,2,4-Trichlorobenzene	Ave	0.3814	0.3566		9.35	10.0	-6.5	
Naphthalene	Ave	1.053	0.9814		9.32	10.0	-6.8	
Hexachlorobutadiene	Ave	0.2118	0.1846		8.71	10.0	-12.9	
Caprolactam	Qua		0.1218		10.1	10.0	0.9	
4-Chloro-3-methylphenol	Ave	0.3508	0.3530		10.1	10.0	0.6	
2-Methylnaphthalene	Ave	0.6956	0.6438		9.26	10.0	-7.4	
1-Methylnaphthalene	Ave	0.6529	0.6048		9.26	10.0	-7.4	
Hexachlorocyclopentadiene	Ave	0.3891	0.3822		9.82	10.0	-1.8	
2,4,6-Trichlorophenol	Ave	0.3354	0.3552		10.6	10.0	5.9	
2,4,5-Trichlorophenol	Ave	0.3595	0.3645		10.1	10.0	1.4	
1,1'-Biphenyl	Ave	1.497	1.434		9.58	10.0	-4.2	
2-Chloronaphthalene	Ave	1.315	1.265		9.62	10.0	-3.8	
2-Nitroaniline	Qua		0.4571		10.2	10.0	2.2	
Dimethyl phthalate	Ave	1.183	1.192		10.1	10.0	0.7	
2,6-Dinitrotoluene	Qua		0.3275		10.0	10.0	0.2	
Acenaphthylene	Ave	1.895	1.815		9.58	10.0	-4.2	
3-Nitroaniline	Ave	0.2833	0.3139		11.1	10.0	10.8	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-70814/2 Calibration Date: 01/02/2013 08:42

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 30102002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.208	1.111		9.20	10.0	-8.0	
2,4-Dinitrophenol	Qua		0.1907		20.3	20.0	1.3	
4-Nitrophenol	Qua		0.1938		9.14	10.0	-8.6	
2,4-Dinitrotoluene	Qua		0.4338		10.2	10.0	1.6	
Dibenzofuran	Ave	1.684	1.583		9.40	10.0	-6.0	
Diethyl phthalate	Ave	1.266	1.238		9.78	10.0	-2.2	
4-Chlorophenyl phenyl ether	Ave	0.7948	0.7737		9.74	10.0	-2.6	
4-Nitroaniline	Qua		0.3372		9.98	10.0	-0.2	
Fluorene	Ave	1.283	1.220		9.51	10.0	-4.9	
4,6-Dinitro-2-methylphenol	Qua		0.1398		10.8	10.0	8.2	
N-Nitrosodiphenylamine	Ave	0.5510	0.5618		10.2	10.0	2.0	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.123	1.100		9.80	10.0	-2.0	
Azobenzene	Ave	1.123	1.100		9.80	10.0	-2.0	
4-Bromophenyl phenyl ether	Ave	0.2394	0.2472		10.3	10.0	3.3	
Hexachlorobenzene	Ave	0.2304	0.2310		10.0	10.0	0.3	
Atrazine	Ave	0.1512	0.1576		10.4	10.0	4.2	
Pentachlorophenol	Qua		0.1302		17.8	20.0	-11.0	
Phenanthrene	Ave	1.112	1.038		9.33	10.0	-6.7	
Anthracene	Ave	1.098	1.084		9.87	10.0	-1.3	
Carbazole	Ave	1.008	1.017		10.1	10.0	0.9	
Di-n-butyl phthalate	Ave	1.243	1.254		10.1	10.0	0.9	
Fluoranthene	Ave	1.226	1.238		10.1	10.0	0.9	
Benzidine	Qua		0.5460		10.4	10.0	4.3	
Pyrene	Ave	1.301	1.278		9.82	10.0	-1.8	
Butyl benzyl phthalate	Ave	0.5049	0.5529		10.9	10.0	9.5	
3,3'-Dichlorobenzidine	Ave	0.4073	0.4443		10.9	10.0	9.1	
Bis(2-ethylhexyl) phthalate	Ave	0.7356	0.7715		10.5	10.0	4.9	
Benzo[a]anthracene	Qua		1.150		9.75	10.0	-2.5	
Chrysene	Ave	1.120	1.087		9.71	10.0	-2.9	
Di-n-octyl phthalate	Qua		1.538		9.82	10.0	-1.8	
Benzo[b]fluoranthene	Ave	1.334	1.305		9.78	10.0	-2.2	
Benzo[k]fluoranthene	Ave	1.355	1.352		9.97	10.0	-0.3	
Benzo[a]pyrene	Ave	1.213	1.217		10.0	10.0	0.3	
Indeno[1,2,3-cd]pyrene	Ave	1.344	1.330		9.90	10.0	-1.0	
Dibenz(a,h)anthracene	Ave	1.040	1.021		9.82	10.0	-1.8	
Benzo[g,h,i]perylene	Qua		1.133		9.90	10.0	-1.0	
2-Fluorophenol (Surr)	Ave	1.342	1.360		10.1	10.0	1.3	
Phenol-d5 (Surr)	Ave	1.980	1.944		9.82	10.0	-1.8	
Nitrobenzene-d5 (Surr)	Ave	0.6113	0.5929		9.70	10.0	-3.0	
2-Fluorobiphenyl (Surr)	Ave	1.603	1.565		9.76	10.0	-2.4	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-70814/2 Calibration Date: 01/02/2013 08:42

Instrument ID: A4HP9 Calib Start Date: 12/21/2012 13:40

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/21/2012 16:59

Lab File ID: 30102002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,6-Tribromophenol (Surr)	Qua		0.1590		11.2	10.0	11.9	
Terphenyl-d14 (Surr)	Ave	0.9057	0.8852		9.77	10.0	-2.3	

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102002.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	02-Jan-2013 08:42:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0016332-002		
Misc. Info.:	CCV TCL =CCV TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	70814	Lims Sample ID:	2
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20130102-16332.b\8270 _9.m		
Last Update:	02-Jan-2013 12:30:36	Calib Date:	02-Jan-2013 11:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK034		
First Level Reviewer: ulmanm		Date:	02-Jan-2013 09:25:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.944	5.944	0.0	92	149052	4.00	
* 2 Naphthalene-d8	136	7.061	7.061	0.0	99	581568	4.00	
* 3 Acenaphthene-d10	164	8.551	8.551	0.0	86	332442	4.00	
* 4 Phenanthrene-d10	188	9.812	9.812	0.0	82	587390	4.00	
* 5 Chrysene-d12	240	12.376	12.376	0.0	78	580211	4.00	
* 6 Perylene-d12	264	14.465	14.465	0.0	89	483136	4.00	
$ 7 2-Fluorophenol	112	4.689	4.689	0.0	93	506605	10.1	
$ 8 Phenol-d5	99	5.592	5.592	0.0	0	724383	9.82	
$ 9 Nitrobenzene-d5	82	6.430	6.430	0.0	84	862047	9.70	
$ 10 2-Fluorobiphenyl (Surr)	172	7.969	7.969	0.0	99	1300580	9.76	
$ 11 2,4,6-Tribromophenol	330	9.219	9.219	0.0	85	132110	11.2	
$ 12 Terphenyl-d14	244	11.169	11.169	0.0	97	1283996	9.77	
25 1,4-Dioxane	88	2.440	2.440	0.0	85	259748	10.0	M
26 N-Nitrosodimethylamine	74	2.926	2.926	0.0	76	411010	10.4	M
27 Pyridine	79	2.974	2.974	0.0	89	686920	9.79	M
28 Ethyl methacrylate	69	3.636	3.636	0.0	86	576517	9.54	M
29 3-Chloropropionitrile	54	4.026	4.026	0.0	86	337103	9.89	
33 Malononitrile	66	4.390	4.390	0.0	95	806996	10.4	
41 Benzaldehyde	77	5.544	5.544	0.0	86	623499	9.61	
43 Phenol	94	5.608	5.608	0.0	97	815287	9.82	
44 Aniline	93	5.640	5.640	0.0	96	993720	9.63	
69 Bis(2-chloroethyl)ether	93	5.693	5.693	0.0	96	715811	9.09	
46 2-Chlorophenol	128	5.752	5.752	0.0	93	502887	10.0	
47 1,3-Dichlorobenzene	146	5.891	5.891	0.0	92	602982	9.32	
48 1,4-Dichlorobenzene	146	5.960	5.960	0.0	88	513582	9.77	
49 Benzyl alcohol	108	6.056	6.056	0.0	89	354898	9.62	
50 1,2-Dichlorobenzene	146	6.094	6.094	0.0	86	563032	8.97	
51 2-Methylphenol	108	6.147	6.147	0.0	96	535761	9.84	
53 2,2'-oxybis[1-chloropropane]	45	6.174	6.174	0.0	94	763729	9.64	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.281	6.281	0.0	91	594566	10.4	
57 N-Nitrosodi-n-propylamine	70	6.286	6.286	0.0	77	502549	9.77	
58 Acetophenone	105	6.291	6.291	0.0	84	786190	9.43	
61 Hexachloroethane	117	6.398	6.398	0.0	85	274295	9.93	
62 Nitrobenzene	77	6.446	6.446	0.0	79	890408	9.54	
64 Isophorone	82	6.649	6.649	0.0	95	1366679	9.58	
66 2-Nitrophenol	139	6.724	6.724	0.0	91	260857	10.3	
67 1,3,5-Trichlorobenzene	180	6.735	6.735	0.0	90	523287	9.22	
65 2,4-Dimethylphenol	107	6.746	6.746	0.0	71	572170	9.24	
71 Benzoic acid	122	6.820	6.820	0.0	71	633449	18.8	
70 Bis(2-chloroethoxy)methane	93	6.826	6.826	0.0	97	912532	9.43	
73 2,4-Dichlorophenol	162	6.933	6.933	0.0	94	373059	9.87	
74 1,2,4-Trichlorobenzene	180	7.007	7.007	0.0	84	518405	9.35	
75 Naphthalene	128	7.077	7.077	0.0	98	1426835	9.32	
76 4-Chloroaniline	127	7.114	7.114	0.0	81	607488	9.94	
79 Hexachlorobutadiene	225	7.173	7.173	0.0	90	268364	8.71	
80 1,2,3-Trichlorobenzene	180	7.200	7.200	0.0	88	487631	0	
84 Caprolactam	113	7.397	7.397	0.0	75	177152	10.1	
86 4-Chloro-3-methylphenol	107	7.509	7.509	0.0	85	513278	10.1	
87 2-Methylnaphthalene	142	7.664	7.664	0.0	87	936083	9.26	
88 1-Methylnaphthalene	142	7.750	7.750	0.0	80	879389	9.26	
90 1,2,3,5-Tetrachlorobenzene	216	7.793	7.793	0.0	84	539314	9.79	
89 Hexachlorocyclopentadiene	237	7.793	7.793	0.0	70	317640	9.82	
92 2,4,6-Trichlorophenol	196	7.894	7.894	0.0	90	295228	10.6	
93 2,4,5-Trichlorophenol	196	7.932	7.932	0.0	93	302955	10.1	
97 2,4-Toluene diamine	121	8.038	8.038	0.0	98	241620	8.50	
99 1,2,3,4 -Tetrachlorobenzene	216	8.049	8.049	0.0	90	515017	0	
98 1,1'-Biphenyl	154	8.054	8.054	0.0	96	1191897	9.58	
100 2-Chloronaphthalene	162	8.081	8.081	0.0	97	1051414	9.62	
102 2-Nitroaniline	65	8.156	8.156	0.0	74	379894	10.2	
105 Dimethyl phthalate	163	8.295	8.295	0.0	95	990335	10.1	
107 2,6-Dinitrotoluene	165	8.354	8.354	0.0	83	272201	10.0	
108 1,2-Dinitrobenzene	168	8.402	8.402	0.0	83	135924	10.0	
109 Acenaphthylene	152	8.439	8.439	0.0	91	1508613	9.58	
110 3-Nitroaniline	138	8.503	8.503	0.0	85	260906	11.1	
112 Acenaphthene	153	8.583	8.583	0.0	89	923276	9.20	
111 2,4-Dinitrophenol	184	8.589	8.589	0.0	83	317043	20.3	
113 4-Nitrophenol	109	8.626	8.626	0.0	87	161043	9.14	
114 2,4-Dinitrotoluene	165	8.695	8.695	0.0	77	360525	10.2	
116 Dibenzofuran	168	8.727	8.727	0.0	85	1315795	9.40	
118 2,3,5,6-Tetrachlorophenol	232	8.786	8.786	0.0	85	243261	9.47	
121 Diethyl phthalate	149	8.882	8.882	0.0	95	1028624	9.78	
123 4-Chlorophenyl phenyl ether	204	9.000	9.000	0.0	94	643061	9.74	
125 4-Nitroaniline	138	9.016	9.016	0.0	55	280239	9.98	
126 Fluorene	166	9.016	9.016	0.0	80	1014209	9.51	
128 4,6-Dinitro-2-methylphenol	198	9.037	9.037	0.0	73	205287	10.8	
131 N-Nitrosodiphenylamine	169	9.096	9.096	0.0	99	824967	10.2	
133 Azobenzene	77	9.133	9.133	0.0	95	1615435	9.80	
132 1,2-Diphenylhydrazine	77	9.133	9.133	0.0	99	1615435	9.80	
139 4-Bromophenyl phenyl ether	248	9.417	9.417	0.0	67	363054	10.3	
141 Hexachlorobenzene	284	9.481	9.481	0.0	80	339140	10.0	
142 Atrazine	200	9.529	9.529	0.0	84	231378	10.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.641	9.641	0.0	83	382431	17.8	
148 Phenanthrene	178	9.833	9.833	0.0	97	1523671	9.33	
149 Anthracene	178	9.876	9.876	0.0	86	1591415	9.87	
151 Carbazole	167	9.999	9.999	0.0	82	1494002	10.1	
154 Di-n-butyl phthalate	149	10.255	10.255	0.0	100	1840800	10.1	
159 Fluoranthene	202	10.843	10.843	0.0	98	1817340	10.1	
160 Benzidine	184	10.939	10.939	0.0	87	791944	10.4	
161 Pyrene	202	11.057	11.057	0.0	96	1854338	9.82	
168 Butyl benzyl phthalate	149	11.650	11.650	0.0	95	801945	10.9	
172 3,3'-Dimethoxybenzidine	244	12.264	12.264	0.0	87	464339	11.0	
174 4,4'-Methylene bis(2-chloroanili	231	12.307	12.307	0.0	71	310411	9.40	
175 3,3'-Dichlorobenzidine	252	12.307	12.307	0.0	72	644443	10.9	
173 Bis(2-ethylhexyl) phthalate	149	12.323	12.323	0.0	97	1119092	10.5	
177 Benzo[a]anthracene	228	12.360	12.360	0.0	84	1668130	9.75	
178 Chrysene	228	12.408	12.408	0.0	87	1577231	9.71	
180 Di-n-octyl phthalate	149	13.236	13.236	0.0	100	1857602	9.82	
182 Benzo[b]fluoranthene	252	13.877	13.877	0.0	86	1576252	9.78	
183 Benzo[k]fluoranthene	252	13.920	13.920	0.0	87	1632601	9.97	
184 Benzo[a]pyrene	252	14.379	14.379	0.0	76	1470368	10.0	
188 Indeno[1,2,3-cd]pyrene	276	16.137	16.137	0.0	88	1606449	9.90	
189 Dibenz(a,h)anthracene	278	16.164	16.164	0.0	70	1232989	9.82	
190 Benzo[g,h,i]perylene	276	16.591	16.591	0.0	76	1368731	9.90	
S 191 Methyl Phenols,Total	100				0		20.3	

QC Flag Legend

Review Flags
M - Manually Integrated

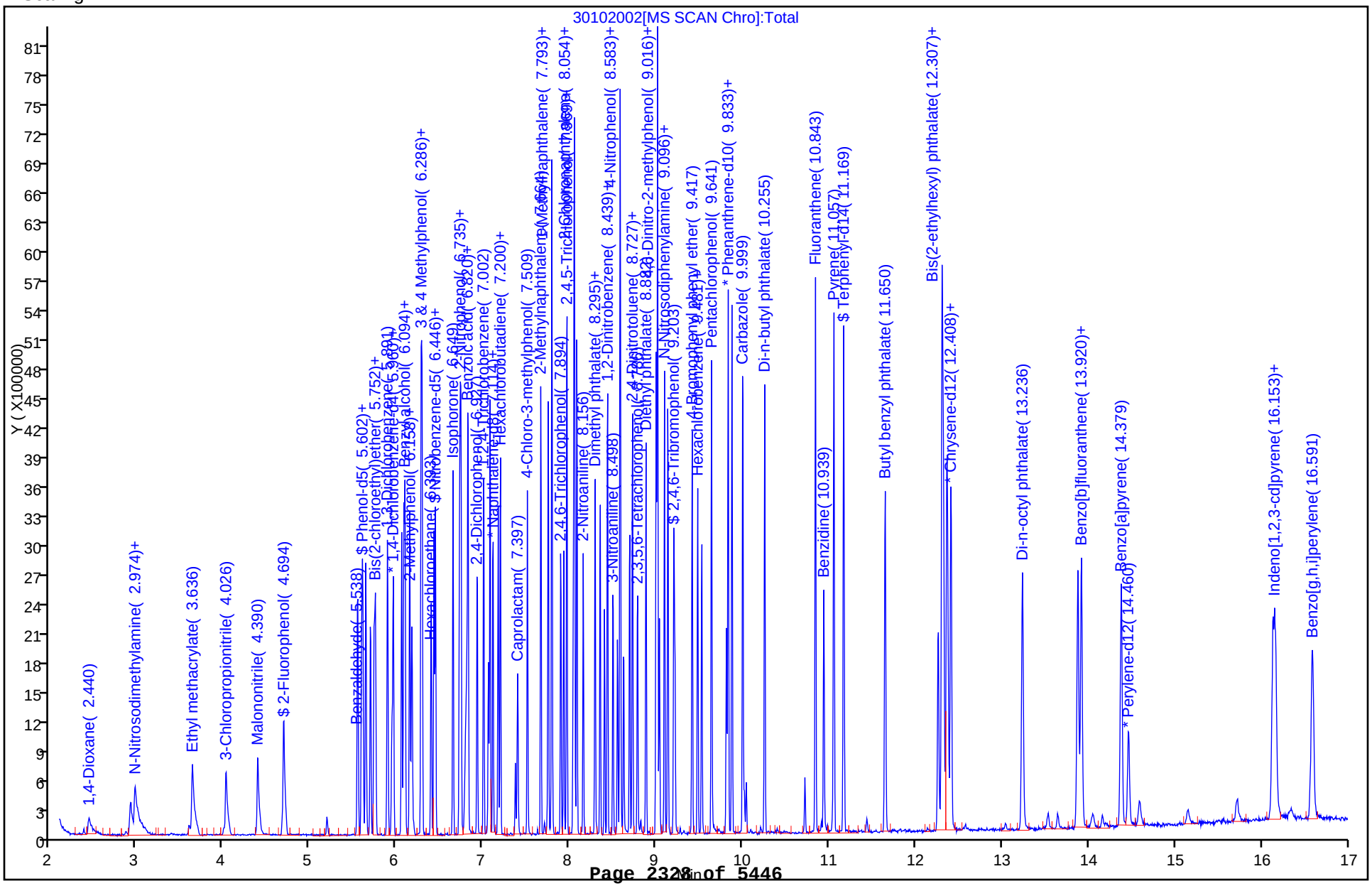
Report Date: 02-Jan-2013 12:30:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102002.D

Injection Date:	02-Jan-2013 08:42:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70814	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

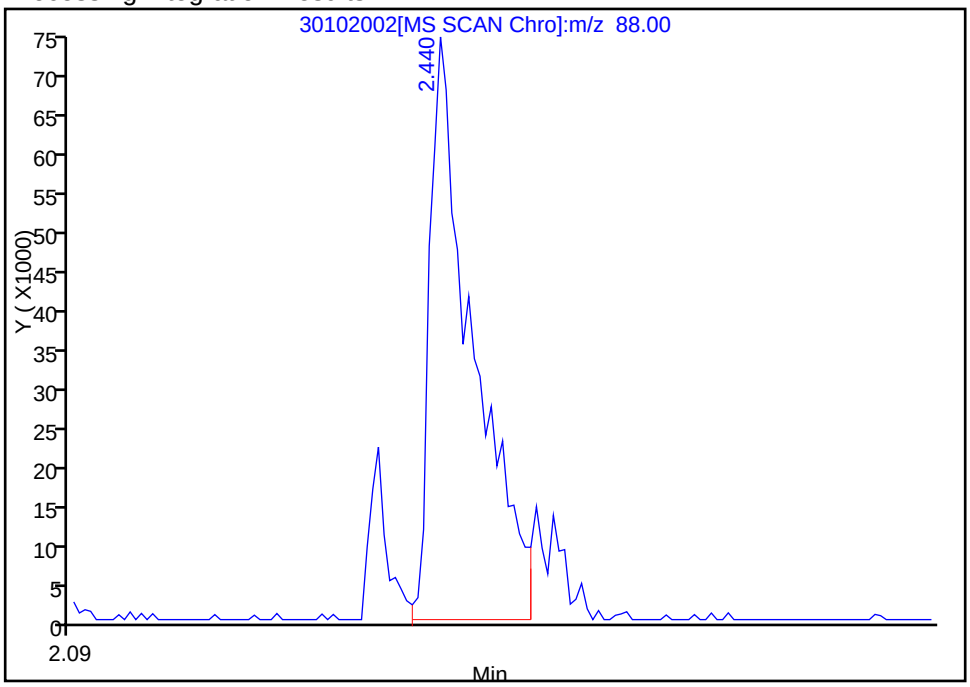
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102002.D		
Injection Date:	02-Jan-2013 08:42:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70814	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.44

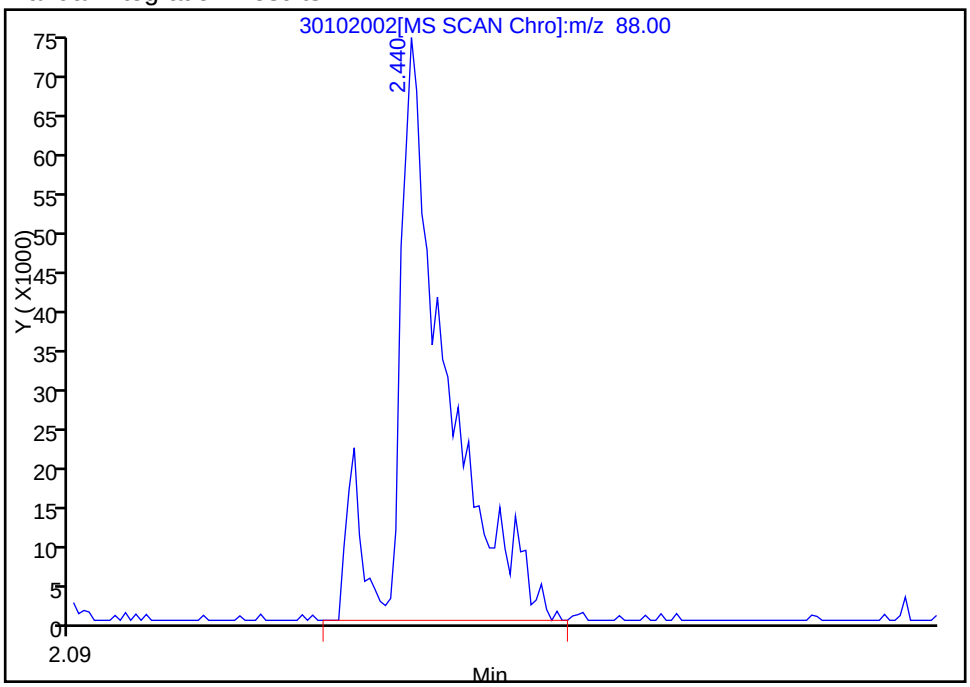
Processing Integration Results

RT: 2.44
Response: 212176
Amount: 8.165699



Manual Integration Results

RT: 2.44
Response: 259748
Amount: 9.996531



Reviewer: ulmanm, 02-Jan-2013 09:25:28
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

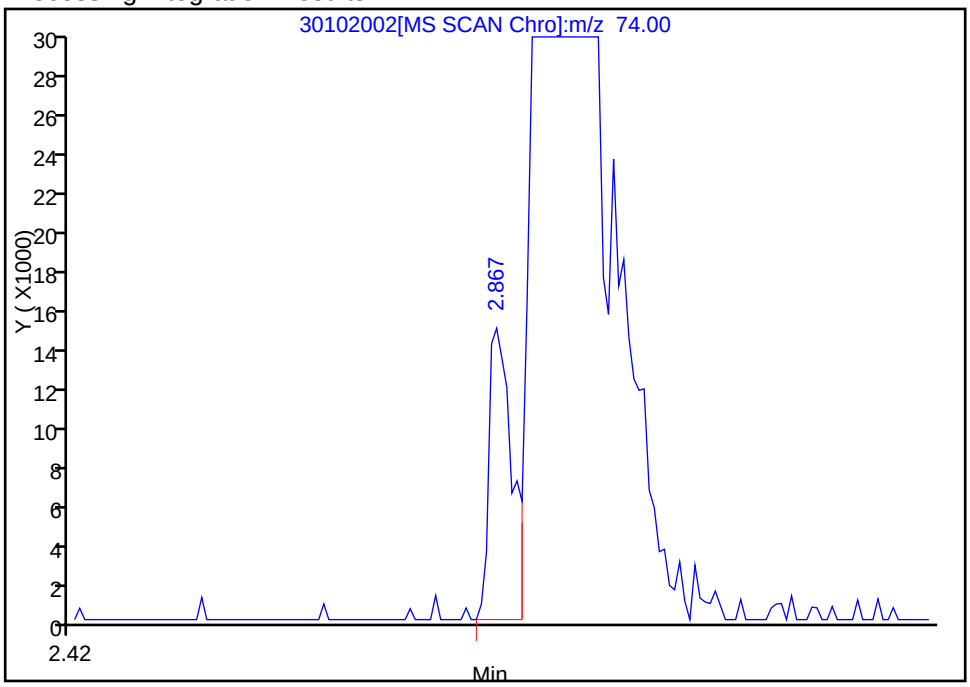
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102002.D		
Injection Date:	02-Jan-2013 08:42:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70814	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 2.93

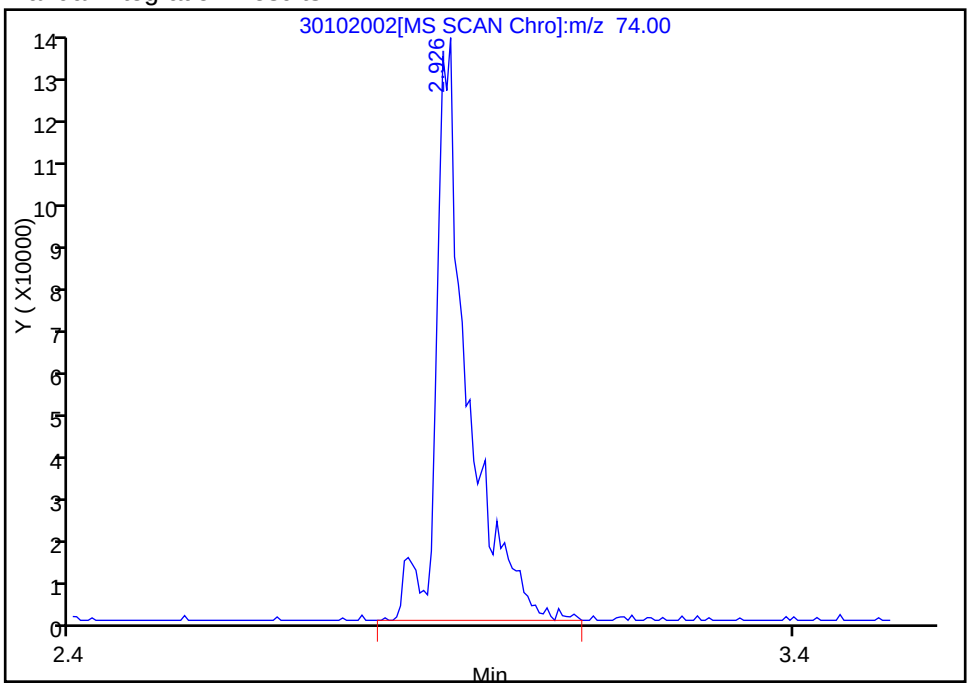
Processing Integration Results

RT: 2.87
Response: 24681
Amount: 0.626562



Manual Integration Results

RT: 2.93
Response: 411010
Amount: 10.434071



Reviewer: ulmanm, 02-Jan-2013 09:25:28
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

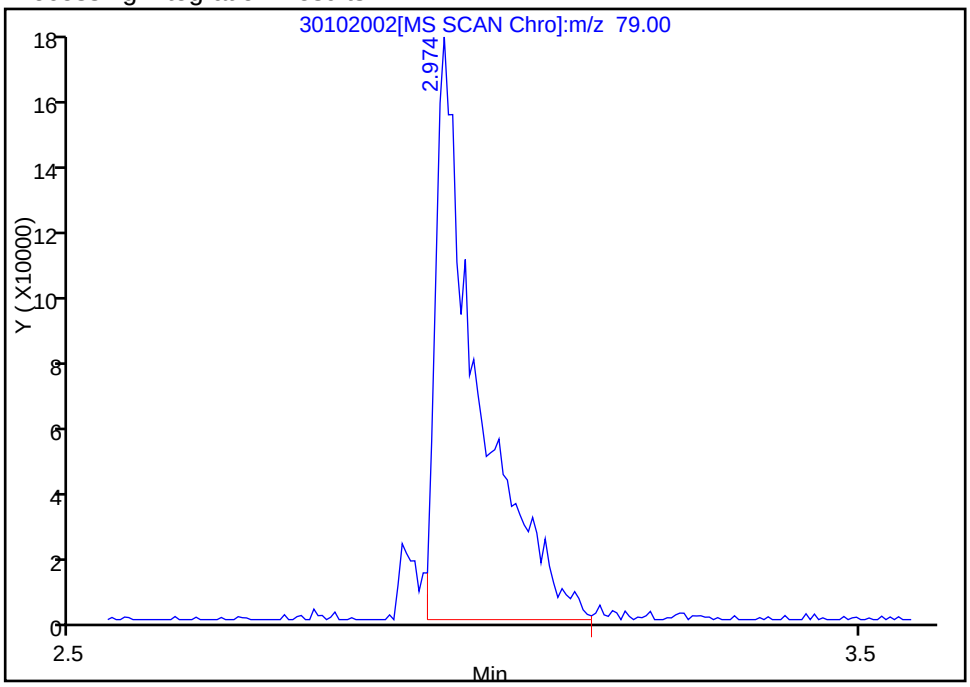
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102002.D		
Injection Date:	02-Jan-2013 08:42:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70814	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 2.97

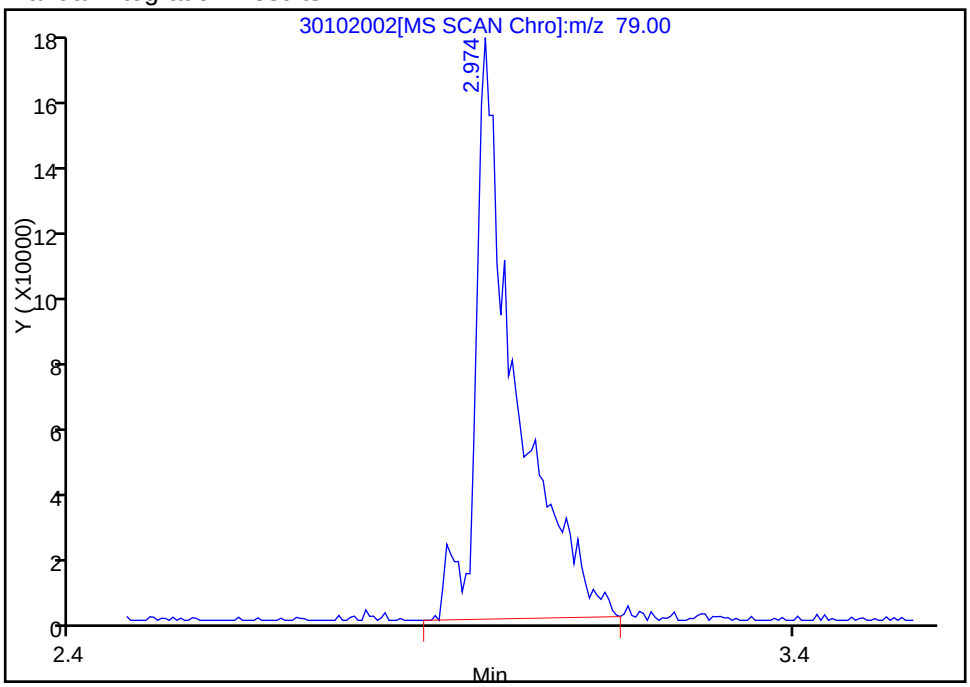
Processing Integration Results

RT: 2.97
Response: 659584
Amount: 9.400659



Manual Integration Results

RT: 2.97
Response: 686920
Amount: 9.790263



Reviewer: ulmanm, 02-Jan-2013 09:25:28
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	20-Dec-2012 13:24:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0016051-001		
Misc. Info.:	DFTPP		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	69576	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\8270_hp7.m		
Last Update:	21-Dec-2012 09:00:51	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	CORP-CTX-18		
First Level Reviewer: ulmanm		Date:	20-Dec-2012 13:53:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.619	9.619	0.0	88	847950	0	
148 DFTPP								
158 Benzidine	184	10.914	10.914	0.0	99	4782103	0	
164 4,4'-DDE	246	11.085	11.085	0.0	51	3914	0	
163 4,4'-DDD	235	11.454	11.454	0.0	81	25465	0	
168 4,4'-DDT	235	11.743	11.743	0.0	97	2253167	0	

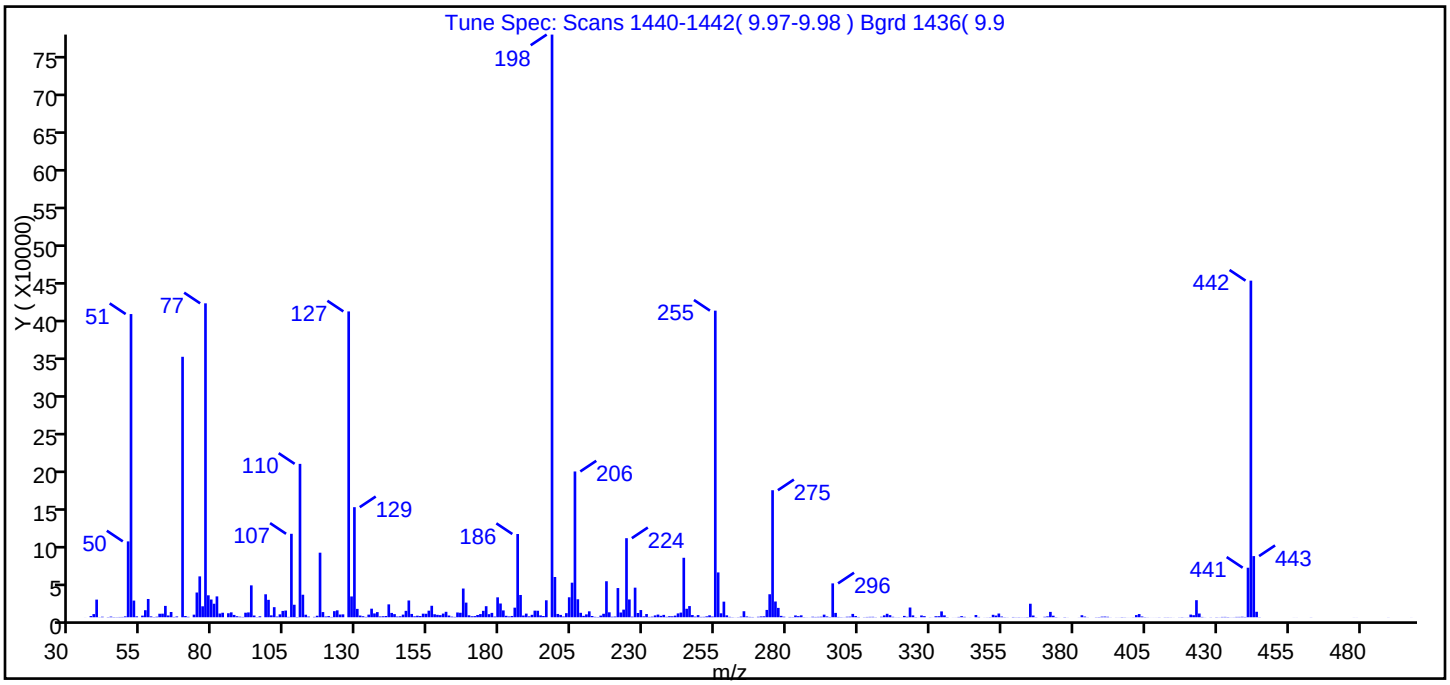
Report Date: 21-Dec-2012 09:00:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220001.D		
Injection Date:	20-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

148 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	52.04
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	44.70
70	Less than 2.00% of mass 69	0.21 (0.47)
127	25.00 - 75.00% of mass 198	52.49
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.91
275	10.00 - 30.00% of mass 198	21.80
365	Greater than 0.75% of mass 198	2.32
441	Present, but less than mass 443%	8.50 (80.98)
442	40.00 - 110.00% of mass 198	57.77
443	15.00 - 24.00% of mass 442	10.50 (18.17)

Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220001.D\8270_hp7.rslt\spectra.d
Injection Date: 20-Dec-2012 13:24:30
Spectrum: Tune Spec: Scans 1440-1442(9.97-9.98) Bgrd 1436(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 389

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	57	140.00	1644	239.00	1418	342.00	565
37.00	1621	141.00	17248	240.00	1268	343.00	51
38.00	4207	142.00	5799	241.00	2191	344.00	97
39.00	23608	143.00	4172	242.00	5165	346.00	2980
40.00	164	144.00	972	243.00	6225	347.00	472
41.00	706	145.00	1286	244.00	79536	349.00	81
43.00	302	146.00	3523	245.00	11347	350.00	145
44.00	869	147.00	8566	246.00	14956	351.00	259
45.00	309	148.00	22432	247.00	2944	352.00	3284
46.00	261	149.00	4436	248.00	829	353.00	2243
47.00	388	150.00	1261	249.00	2890	354.00	5001
48.00	420	151.00	2083	250.00	489	355.00	975
49.00	1155	152.00	1594	251.00	551	356.00	250
50.00	101456	153.00	4793	252.00	1213	357.00	129
51.00	405440	154.00	4663	253.00	2601	359.00	367
52.00	22304	155.00	8777	254.00	953	360.00	187
53.00	1182	156.00	15352	255.00	409984	361.00	256
54.00	24	157.00	4017	256.00	59944	362.00	154
55.00	2166	158.00	3264	257.00	5332	363.00	175
56.00	9419	159.00	2829	258.00	20872	364.00	326
57.00	24432	160.00	4906	259.00	2580	365.00	18088
58.00	1142	161.00	7285	260.00	542	366.00	2309
59.00	327	162.00	2330	261.00	257	367.00	220
60.00	720	163.00	846	262.00	90	370.00	620
61.00	4704	164.00	489	263.00	240	371.00	1129
62.00	4818	165.00	6384	264.00	849	372.00	7183
63.00	15193	166.00	6014	265.00	8055	373.00	2061
64.00	2401	167.00	38408	266.00	1049	374.00	292
65.00	7039	168.00	19568	267.00	481	375.00	61
66.00	426	169.00	2623	268.00	375	377.00	288
67.00	1081	170.00	1319	269.00	52	378.00	84
69.00	348288	171.00	1522	270.00	643	382.00	104
70.00	1637	172.00	3042	271.00	1099	383.00	2713

Report Date: 21-Dec-2012 09:00:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220001.D\8270_hp7.rslt\spectra.d
Injection Date: 20-Dec-2012 13:24:30
Spectrum: Tune Spec: Scans 1440-1442(9.97-9.98) Bgrd 1436(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 389

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	577	173.00	4256	272.00	1251	384.00	924
73.00	3465	174.00	8592	273.00	9808	385.00	154
74.00	33088	175.00	14804	274.00	30768	388.00	239
75.00	54664	176.00	4138	275.00	169856	389.00	327
76.00	14665	177.00	5859	276.00	21080	390.00	810
77.00	419776	178.00	928	277.00	12528	391.00	909
78.00	29368	179.00	26640	278.00	1862	392.00	646
79.00	23720	180.00	18400	279.00	728	393.00	112
80.00	18080	181.00	9146	281.00	408	395.00	101
81.00	27896	182.00	1932	282.00	303	396.00	86
82.00	5007	183.00	1092	283.00	2444	397.00	290
83.00	6043	184.00	1714	284.00	1462	398.00	180
84.00	27	185.00	12824	285.00	2562	399.00	58
85.00	5370	186.00	111304	286.00	247	400.00	64
86.00	6554	187.00	29784	287.00	138	401.00	172
87.00	3122	188.00	2283	288.00	92	402.00	2865
88.00	1381	189.00	4881	289.00	679	403.00	4280
89.00	770	190.00	1225	290.00	430	404.00	1029
90.00	436	191.00	3231	291.00	568	405.00	277
91.00	6081	192.00	8850	292.00	714	406.00	136
92.00	6471	193.00	8714	293.00	3489	407.00	51
93.00	42648	194.00	2493	294.00	1082	408.00	60
94.00	2307	195.00	1680	295.00	377	409.00	77
95.00	263	196.00	22680	296.00	45288	410.00	172
96.00	1300	198.00	779136	297.00	5838	412.00	189
98.00	30720	199.00	53816	298.00	434	413.00	205
99.00	23296	200.00	4416	299.00	272	414.00	142
100.00	2551	201.00	3132	300.00	135	415.00	61
101.00	13489	202.00	1015	301.00	690	417.00	158
102.00	905	203.00	5487	302.00	796	418.00	264
103.00	3905	204.00	26712	303.00	4484	419.00	83
104.00	8469	205.00	46224	304.00	1591	420.00	148
105.00	8992	206.00	194944	305.00	414	421.00	3559
106.00	505	207.00	24064	307.00	230	422.00	2783

Report Date: 21-Dec-2012 09:00:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220001.D\8270_hp7.rslt\spectra.d
Injection Date: 20-Dec-2012 13:24:30
Spectrum: Tune Spec: Scans 1440-1442(9.97-9.98) Bgrd 1436(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 389

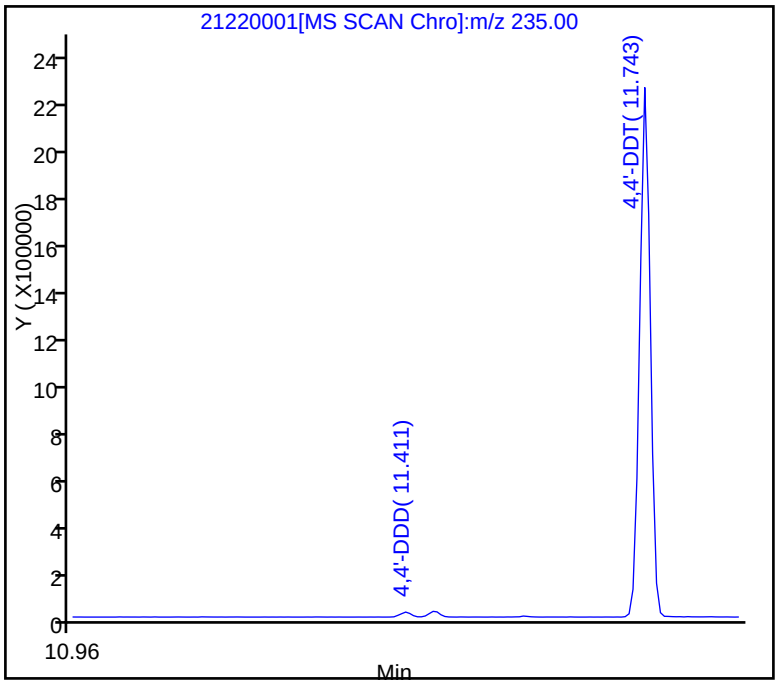
m/z	Y	m/z	Y	m/z	Y	m/z	Y
107.00	111600	208.00	5950	308.00	418	423.00	22816
108.00	16728	209.00	1876	309.00	547	424.00	4990
109.00	358	210.00	3856	310.00	589	425.00	429
110.00	205120	211.00	7931	311.00	207	426.00	103
111.00	30120	212.00	1693	313.00	666	428.00	176
112.00	3398	213.00	556	314.00	2528	430.00	258
113.00	966	214.00	367	315.00	4651	431.00	125
115.00	497	215.00	2234	316.00	2837	432.00	450
116.00	2011	216.00	4666	317.00	618	433.00	489
117.00	86344	217.00	48160	318.00	151	434.00	337
118.00	6938	218.00	6607	319.00	192	435.00	117
119.00	994	219.00	727	320.00	103	436.00	168
120.00	1546	220.00	949	321.00	1804	437.00	476
121.00	431	221.00	39064	322.00	600	438.00	493
122.00	8171	222.00	6330	323.00	13028	439.00	659
123.00	9248	223.00	10188	324.00	2467	440.00	402
124.00	3652	224.00	105728	325.00	292	441.00	66232
125.00	3873	225.00	23792	326.00	60	442.00	450112
127.00	408960	226.00	825	327.00	2397	443.00	81792
128.00	27824	227.00	39576	328.00	1477	444.00	7329
129.00	147200	228.00	5707	330.00	160	445.00	231
130.00	11191	229.00	9641	331.00	55	457.00	53
131.00	2284	230.00	1181	332.00	1366	458.00	56
132.00	1389	231.00	4295	333.00	1416	463.00	125
133.00	470	232.00	550	334.00	7847	478.00	62
134.00	3518	233.00	826	335.00	2524	479.00	55
135.00	11470	234.00	2453	336.00	323	490.00	89
136.00	5126	235.00	3572	338.00	67	498.00	55
137.00	6873	236.00	1929	339.00	82		
138.00	1076	237.00	3182	340.00	450		
139.00	1358	238.00	597	341.00	1503		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220001.D		
Injection Date:	20-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

168 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

168 4,4'-DDT, Area = 2253167
163 4,4'-DDD, Area = 25465
164 4,4'-DDE, Area = 3914

%Breakdown: 1.29%, Max Limit: 20.00%
Passed

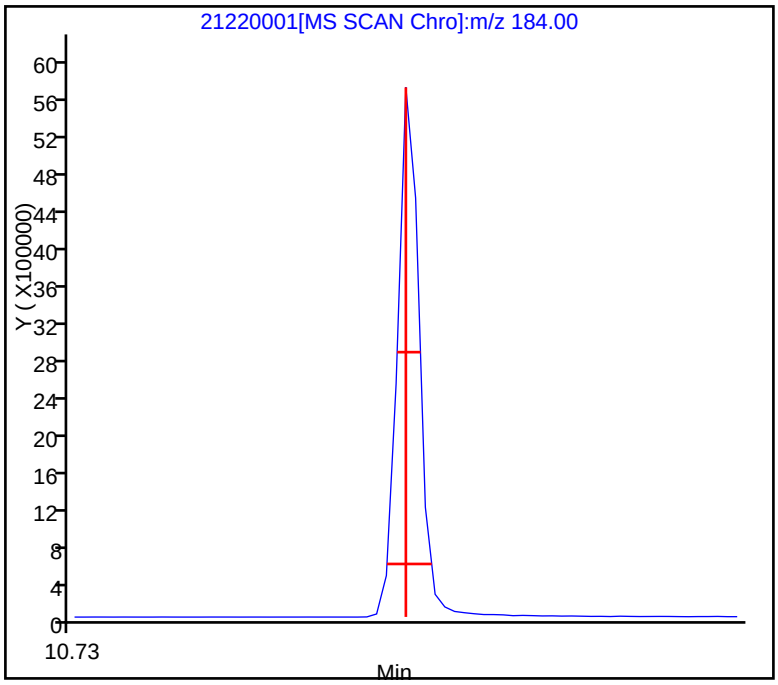
Report Date: 21-Dec-2012 09:00:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220001.D		
Injection Date:	20-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

158 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.014 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.4, Max. Tailing < 3.00
Passed

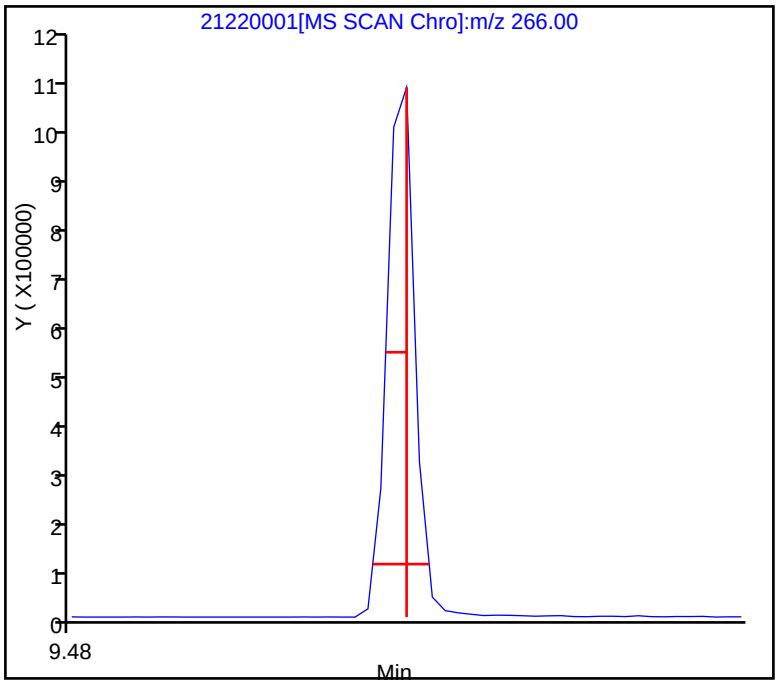
Report Date: 21-Dec-2012 09:00:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220001.D		
Injection Date:	20-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69576	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

141 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.009 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.7, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121221-16088.b\21221001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	21-Dec-2012 10:49:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0016088-001		
Misc. Info.:	DFTPP		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	69733	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121221-16088.b\8270_hp7.m		
Last Update:	21-Dec-2012 14:27:26	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	CORP-CTX-18		
First Level Reviewer: ulmanm		Date:	21-Dec-2012 11:08:20

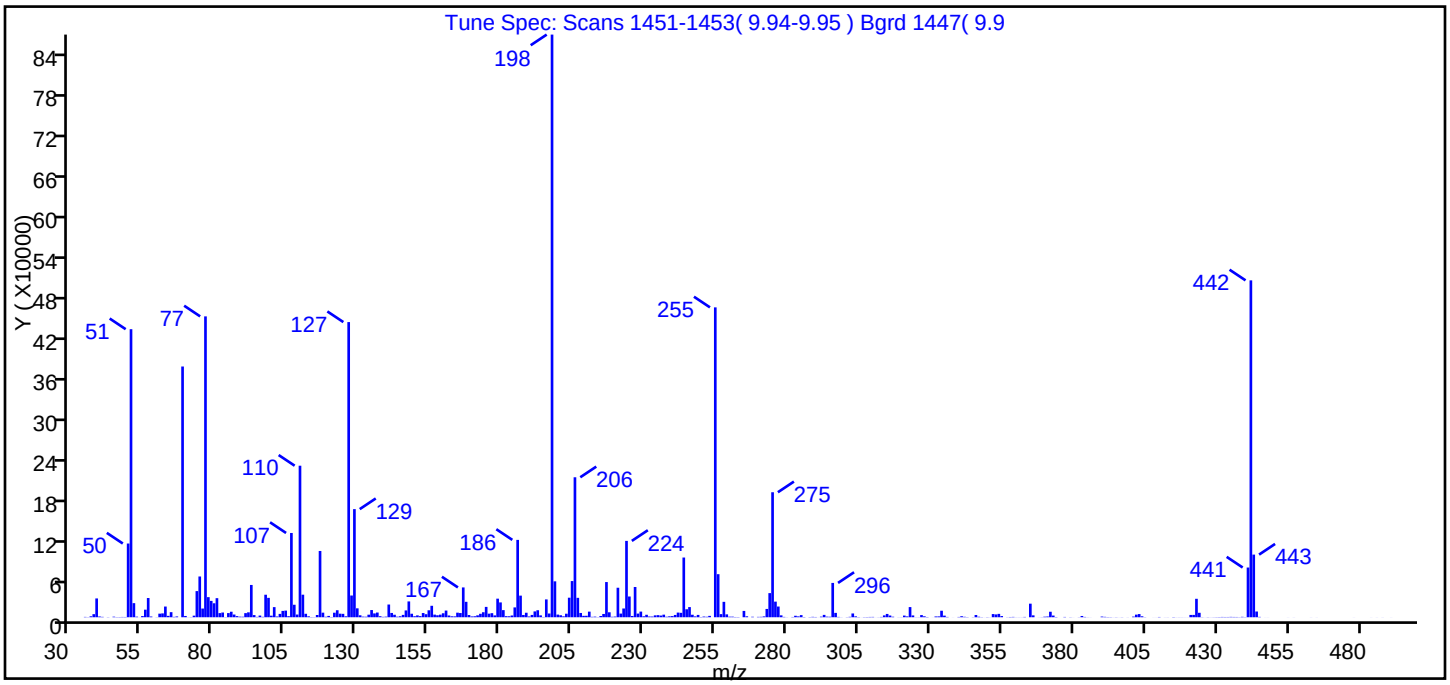
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.589	9.589	0.0	87	876834	0	
148 DFTPP								
158 Benzidine	184	10.889	10.889	0.0	99	5301742	0	
164 4,4'-DDE	246	11.055	11.055	0.0	23	1535	0	
163 4,4'-DDD	235	11.386	11.386	0.0	86	34411	0	
168 4,4'-DDT	235	11.707	11.707	0.0	97	2243387	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121221-16088.b\21221001.D		
Injection Date:	21-Dec-2012 10:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69733	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

148 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	49.44
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	43.04
70	Less than 2.00% of mass 69	0.22 (0.51)
127	25.00 - 75.00% of mass 198	50.66
197	Less than 1.00% of mass 198	0.64
199	5.00 - 9.00% of mass 198	6.17
275	10.00 - 30.00% of mass 198	21.45
365	Greater than 0.75% of mass 198	2.33
441	Present, but less than mass 443%	8.54 (79.39)
442	40.00 - 110.00% of mass 198	57.82
443	15.00 - 24.00% of mass 442	10.75 (18.60)

Report Date: 21-Dec-2012 14:27:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A4HP7\20121221-16088.b\21221001.D\8270_hp7.rslt\spectra.d
Injection Date: 21-Dec-2012 10:49:30
Spectrum: Tune Spec: Scans 1451-1453(9.94-9.95) Bgrd 1447(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 391

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	520	137.00	6962	235.00	3092	343.00	297
36.00	238	138.00	1544	236.00	2505	345.00	230
37.00	1432	139.00	591	237.00	3825	346.00	3307
38.00	4550	140.00	888	238.00	769	347.00	769
39.00	27816	141.00	18824	239.00	1386	348.00	262
40.00	1144	142.00	6367	240.00	1693	349.00	57
41.00	588	143.00	3708	241.00	3408	350.00	260
43.00	237	144.00	856	242.00	6893	351.00	113
45.00	835	145.00	1454	243.00	6545	352.00	4709
46.00	313	146.00	3504	244.00	88312	353.00	4195
47.00	366	147.00	10085	245.00	11821	354.00	5005
48.00	459	148.00	23408	246.00	15036	355.00	1761
49.00	420	149.00	5196	247.00	3709	357.00	170
50.00	109016	150.00	1530	248.00	1267	358.00	398
51.00	425920	151.00	2774	249.00	3462	359.00	534
52.00	20848	152.00	1680	250.00	386	360.00	132
53.00	902	153.00	6257	251.00	1032	361.00	126
54.00	75	154.00	4495	252.00	693	362.00	115
55.00	1765	155.00	10307	253.00	2038	363.00	484
56.00	11208	156.00	16952	255.00	458176	365.00	20088
57.00	28440	157.00	3882	256.00	63672	366.00	2806
58.00	1078	158.00	2948	257.00	4622	368.00	78
60.00	161	159.00	3840	258.00	22800	369.00	186
61.00	5314	160.00	5899	259.00	4276	370.00	833
62.00	5707	161.00	9888	260.00	873	371.00	1082
63.00	15837	162.00	2620	261.00	885	372.00	8159
64.00	2066	163.00	1404	262.00	398	373.00	2502
65.00	7520	164.00	1280	263.00	348	374.00	392
66.00	572	165.00	6762	265.00	9362	377.00	470
67.00	1191	166.00	6239	266.00	1408	379.00	208
69.00	370752	167.00	44104	268.00	730	380.00	52
70.00	1898	168.00	22824	270.00	569	382.00	182
71.00	122	169.00	3313	271.00	652	383.00	1889

Report Date: 21-Dec-2012 14:27:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121221-16088.b\21221001.D\8270_hp7.rslt\spectra.d
Injection Date: 21-Dec-2012 10:49:30
Spectrum: Tune Spec: Scans 1451-1453(9.94-9.95) Bgrd 1447(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 391

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	253	170.00	1219	272.00	1247	384.00	485
73.00	2347	171.00	1465	273.00	12304	385.00	126
74.00	38672	172.00	2829	274.00	35680	386.00	71
75.00	60280	173.00	5111	275.00	184832	390.00	1009
76.00	12873	174.00	7409	276.00	23104	391.00	608
77.00	444864	175.00	15326	277.00	15850	392.00	324
78.00	29720	176.00	5316	278.00	2811	393.00	265
79.00	24200	177.00	6035	279.00	524	394.00	79
80.00	20672	178.00	2743	280.00	130	395.00	200
81.00	28224	179.00	27488	281.00	16	396.00	56
82.00	6141	180.00	21944	282.00	426	397.00	184
83.00	7003	181.00	10535	283.00	2208	399.00	98
84.00	271	182.00	1600	284.00	1275	401.00	971
85.00	6170	183.00	1486	285.00	3149	402.00	3870
86.00	8184	184.00	2600	286.00	397	403.00	4730
87.00	4010	185.00	14556	288.00	302	404.00	1415
88.00	1685	186.00	114392	289.00	603	405.00	228
89.00	879	187.00	31976	290.00	420	408.00	56
90.00	780	188.00	3359	291.00	58	409.00	57
91.00	6093	189.00	6671	292.00	889	410.00	427
92.00	7264	190.00	1168	293.00	3503	412.00	86
93.00	47760	191.00	3437	294.00	893	413.00	121
94.00	3199	192.00	8659	295.00	746	415.00	327
95.00	542	193.00	10382	296.00	50760	416.00	98
96.00	2497	194.00	2767	297.00	6475	417.00	134
97.00	620	195.00	440	298.00	523	418.00	116
98.00	33304	196.00	26392	299.00	138	419.00	81
99.00	28680	197.00	5542	301.00	232	420.00	80
100.00	2321	198.00	861504	302.00	645	421.00	3431
101.00	14991	199.00	53112	303.00	5610	422.00	3481
102.00	1126	200.00	3927	304.00	1326	423.00	27288
103.00	4967	201.00	2949	305.00	328	424.00	6589
104.00	9381	202.00	1363	306.00	53	425.00	217
105.00	9830	203.00	5237	307.00	292	426.00	56

Report Date: 21-Dec-2012 14:27:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121221-16088.b\21221001.D\8270_hp7.rslt\spectra.d
Injection Date: 21-Dec-2012 10:49:30
Spectrum: Tune Spec: Scans 1451-1453(9.94-9.95) Bgrd 1447(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 391

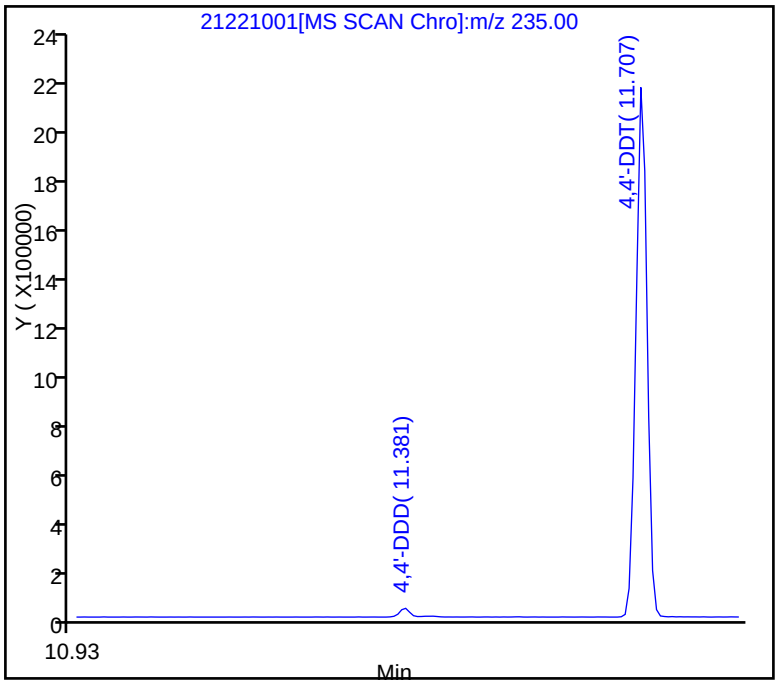
m/z	Y	m/z	Y	m/z	Y	m/z	Y
106.00	1558	204.00	28904	308.00	361	427.00	221
107.00	124616	205.00	53512	309.00	465	428.00	106
108.00	18480	206.00	206976	310.00	524	429.00	188
109.00	4008	207.00	28712	311.00	54	430.00	281
110.00	224064	208.00	6341	312.00	160	431.00	347
111.00	33360	209.00	2113	313.00	505	432.00	465
112.00	5131	210.00	2201	314.00	2745	433.00	402
113.00	1416	211.00	8321	315.00	4909	434.00	420
114.00	353	212.00	623	316.00	2543	435.00	551
115.00	262	213.00	913	317.00	797	436.00	455
116.00	3334	214.00	260	319.00	127	437.00	421
117.00	97992	215.00	1855	320.00	178	438.00	243
118.00	6773	216.00	4877	321.00	2472	439.00	618
119.00	741	217.00	52048	322.00	1255	440.00	262
120.00	1987	218.00	7331	323.00	15045	441.00	73536
121.00	396	219.00	705	324.00	2658	442.00	498112
122.00	6712	220.00	1003	325.00	154	443.00	92632
123.00	10385	221.00	43640	326.00	177	444.00	8504
124.00	5290	222.00	5421	327.00	3221	445.00	557
125.00	5056	223.00	12962	328.00	1385	447.00	50
126.00	1364	224.00	112904	329.00	390	448.00	57
127.00	436416	225.00	30688	331.00	53	455.00	60
128.00	32136	226.00	1894	332.00	1173	457.00	66
129.00	159872	227.00	44744	333.00	1252	463.00	69
130.00	13196	228.00	5418	334.00	9639	465.00	61
131.00	2913	229.00	8376	335.00	2399	478.00	53
132.00	916	230.00	1414	336.00	492	484.00	53
133.00	772	231.00	3656	338.00	58	486.00	62
134.00	3783	232.00	1139	340.00	465	488.00	74
135.00	10663	233.00	1046	341.00	1526	491.00	54
136.00	5689	234.00	2804	342.00	676		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121221-16088.b\21221001.D		
Injection Date:	21-Dec-2012 10:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69733	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

168 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

168 4,4'-DDT, Area = 2243387
163 4,4'-DDD, Area = 34411
164 4,4'-DDE, Area = 1535

%Breakdown: 1.58%, Max Limit: 20.00%
Passed

Report Date: 21-Dec-2012 14:27:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

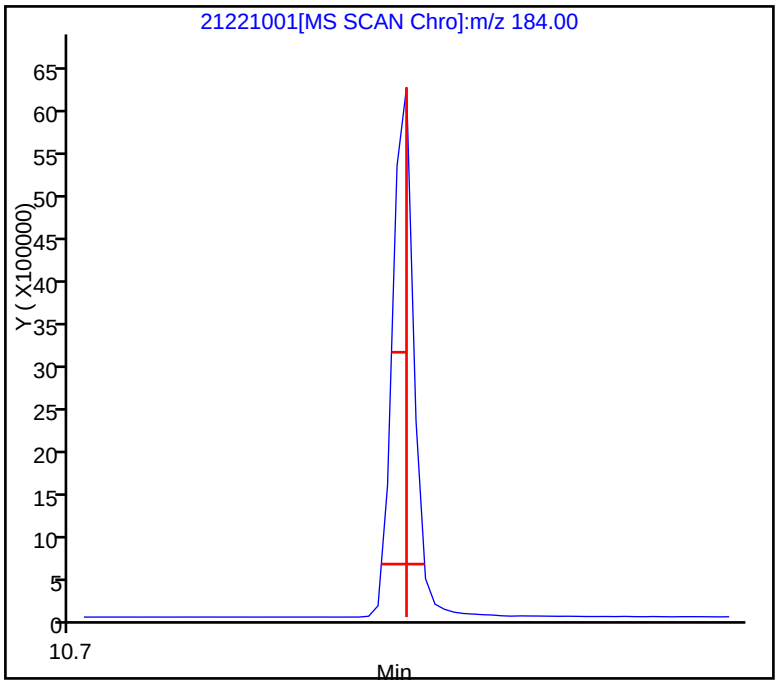
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121221-16088.b\21221001.D

Injection Date:	21-Dec-2012 10:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69733	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

158 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.7, Max. Tailing < 3.00
Passed

Report Date: 21-Dec-2012 14:27:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

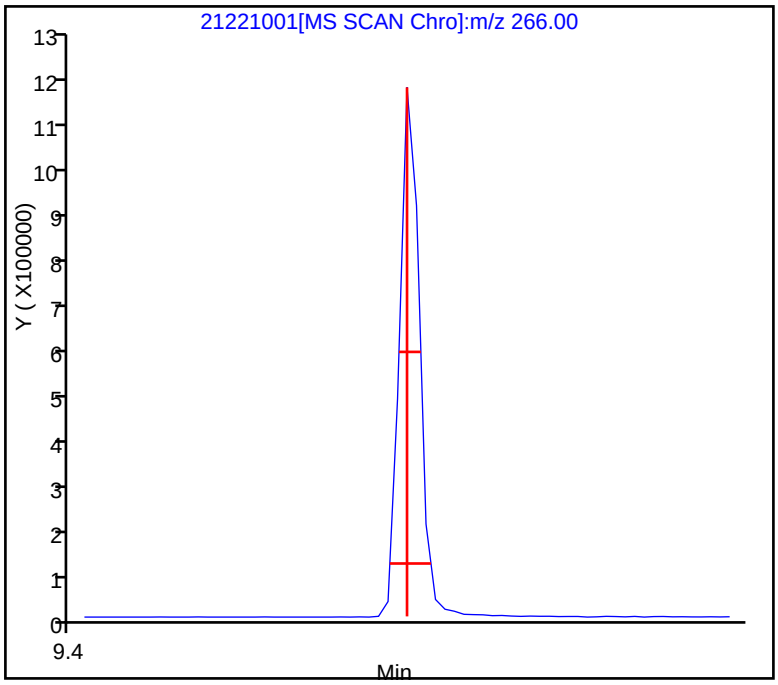
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121221-16088.b\21221001.D

Injection Date:	21-Dec-2012 10:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69733	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

141 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.4, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	23-Dec-2012 10:41:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0016088-001		
Misc. Info.:	DFTPP		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	69932	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m		
Last Update:	24-Dec-2012 12:29:46	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK011		
First Level Reviewer: gruberj		Date:	23-Dec-2012 10:58:14

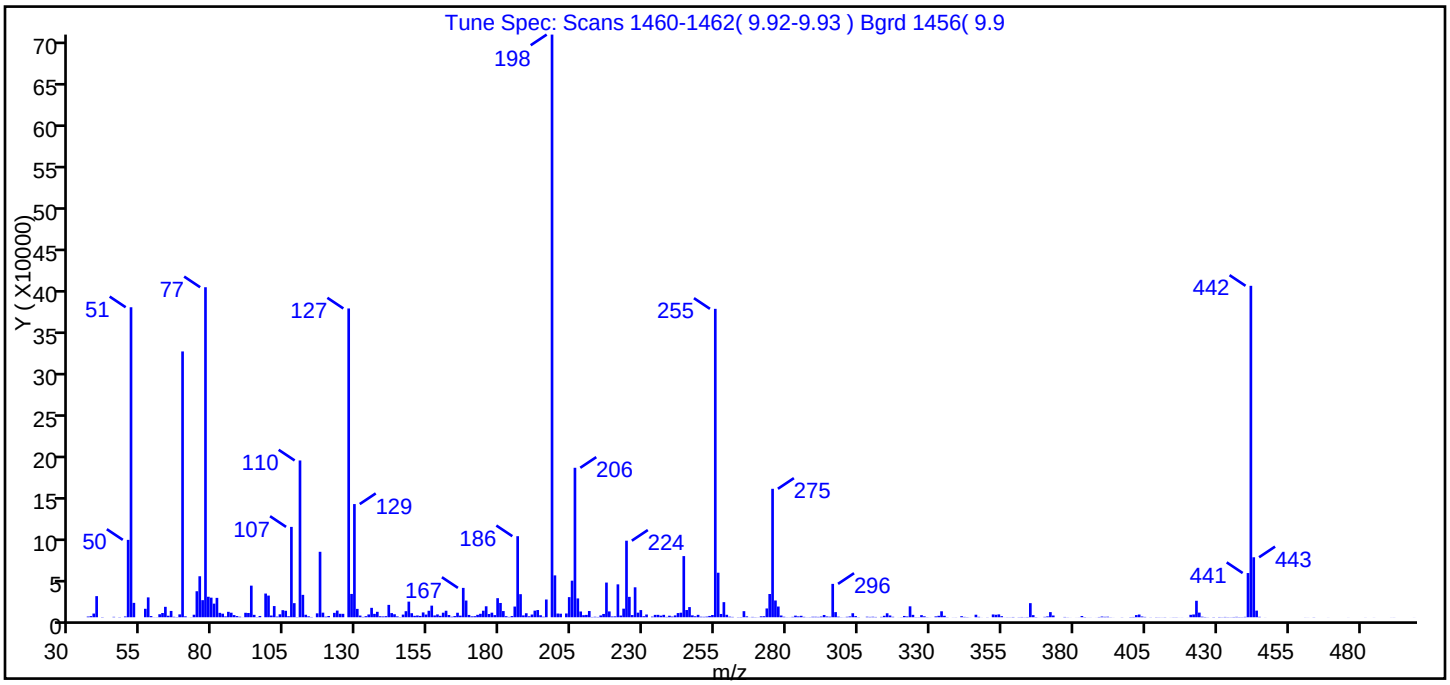
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.571	9.571	0.0	85	831678	0	
148 DFTPP								
158 Benzidine	184	10.865	10.865	0.0	99	4261438	0	
164 4,4'-DDE	246	11.036	11.036	0.0	44	3480	0	
163 4,4'-DDD	235	11.400	11.400	0.0	76	22117	0	
168 4,4'-DDT	235	11.684	11.684	0.0	97	2085679	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223001.D		
Injection Date:	23-Dec-2012 10:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

148 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	53.20
68	Less than 2.00% of mass 69	0.49 (1.08)
69	Present	45.62
70	Less than 2.00% of mass 69	0.16 (0.34)
127	25.00 - 75.00% of mass 198	53.00
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.18
275	10.00 - 30.00% of mass 198	22.05
365	Greater than 0.75% of mass 198	2.42
441	Present, but less than mass 443%	7.59 (73.69)
442	40.00 - 110.00% of mass 198	56.88
443	15.00 - 24.00% of mass 442	10.30 (18.10)

Report Date: 24-Dec-2012 12:29:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223001.D\8270_hp7.rslt\spectra.d
Injection Date: 23-Dec-2012 10:41:30
Spectrum: Tune Spec: Scans 1460-1462(9.92-9.93) Bgrd 1456(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 377

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	857	144.00	1044	242.00	5105	346.00	3084
37.00	1386	145.00	239	243.00	5528	347.00	530
38.00	4496	146.00	3240	244.00	74328	348.00	68
39.00	25672	147.00	7372	245.00	8785	350.00	158
41.00	296	148.00	18984	246.00	12351	352.00	3410
45.00	502	149.00	4927	247.00	2319	353.00	3058
47.00	259	150.00	1748	248.00	1178	354.00	3489
49.00	945	151.00	2169	249.00	2934	355.00	1301
50.00	94040	152.00	1631	250.00	648	356.00	83
51.00	376704	153.00	5873	251.00	542	357.00	167
52.00	17488	154.00	3245	252.00	767	358.00	136
56.00	10294	155.00	7878	253.00	1606	359.00	343
57.00	24152	156.00	14116	254.00	2719	361.00	211
58.00	1442	157.00	2184	255.00	374784	362.00	349
59.00	142	158.00	3430	256.00	54104	363.00	174
60.00	150	159.00	1749	257.00	4006	364.00	339
61.00	3650	160.00	5539	258.00	18352	365.00	17152
62.00	5141	161.00	7905	259.00	3005	366.00	2553
63.00	12682	162.00	2699	260.00	726	367.00	275
64.00	1836	163.00	673	261.00	448	368.00	50
65.00	7697	164.00	1439	263.00	240	370.00	505
66.00	558	165.00	5472	264.00	306	371.00	1011
67.00	253	166.00	1965	265.00	7395	372.00	6253
68.00	3504	167.00	35688	266.00	1078	373.00	2125
69.00	323008	168.00	20320	267.00	104	377.00	371
70.00	1111	169.00	2814	268.00	432	378.00	151
71.00	57	170.00	1098	269.00	231	379.00	51
72.00	171	171.00	1286	270.00	126	381.00	55
73.00	3071	172.00	2964	271.00	1139	382.00	87
74.00	31616	173.00	4203	272.00	1258	383.00	1537
75.00	49824	174.00	7944	273.00	10693	384.00	299
76.00	20776	175.00	13344	274.00	28240	385.00	67
77.00	401024	176.00	3936	275.00	156096	386.00	92

Report Date: 24-Dec-2012 12:29:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223001.D\8270_hp7.rslt\spectra.d
Injection Date: 23-Dec-2012 10:41:30
Spectrum: Tune Spec: Scans 1460-1462(9.92-9.93) Bgrd 1456(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 377

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	24912	177.00	5564	276.00	20400	388.00	50
79.00	23808	178.00	2607	277.00	13037	389.00	343
80.00	16544	179.00	23200	278.00	2127	390.00	865
81.00	23552	180.00	17352	279.00	605	391.00	555
82.00	5354	181.00	7519	280.00	160	392.00	682
83.00	4342	182.00	1277	281.00	126	393.00	166
84.00	1009	183.00	461	282.00	494	394.00	63
85.00	6598	184.00	1463	283.00	1974	397.00	163
86.00	5519	185.00	13007	284.00	1048	400.00	300
87.00	2634	186.00	98504	285.00	1775	401.00	377
88.00	1437	187.00	28048	286.00	493	402.00	2602
89.00	666	188.00	2262	287.00	154	403.00	3321
90.00	91	189.00	4886	288.00	206	404.00	915
91.00	5419	190.00	1173	289.00	610	405.00	428
92.00	5188	191.00	3295	290.00	608	407.00	147
93.00	38408	192.00	8056	291.00	463	409.00	222
94.00	2939	193.00	8775	292.00	861	410.00	157
95.00	241	194.00	2453	293.00	2757	411.00	110
96.00	1567	195.00	617	294.00	936	412.00	207
98.00	28808	196.00	21584	295.00	658	414.00	64
99.00	26344	198.00	708032	296.00	40560	415.00	180
100.00	2098	199.00	50872	297.00	6237	416.00	181
101.00	13595	200.00	4521	298.00	737	417.00	52
102.00	774	201.00	4312	299.00	184	418.00	74
103.00	3608	203.00	4606	300.00	97	420.00	61
104.00	8606	204.00	24456	301.00	576	421.00	2958
105.00	7872	205.00	44456	302.00	1012	422.00	3383
106.00	1222	206.00	181632	303.00	4900	423.00	20032
107.00	109808	207.00	22888	304.00	1402	424.00	5632
108.00	17136	208.00	7010	305.00	217	425.00	701
109.00	213	209.00	2516	308.00	669	426.00	334
110.00	190528	210.00	2874	309.00	448	427.00	148
111.00	27216	211.00	7564	310.00	621	429.00	261
112.00	3054	212.00	356	311.00	382	431.00	336

Report Date: 24-Dec-2012 12:29:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223001.D\8270_hp7.rslt\spectra.d
Injection Date: 23-Dec-2012 10:41:30
Spectrum: Tune Spec: Scans 1460-1462(9.92-9.93) Bgrd 1456(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 377

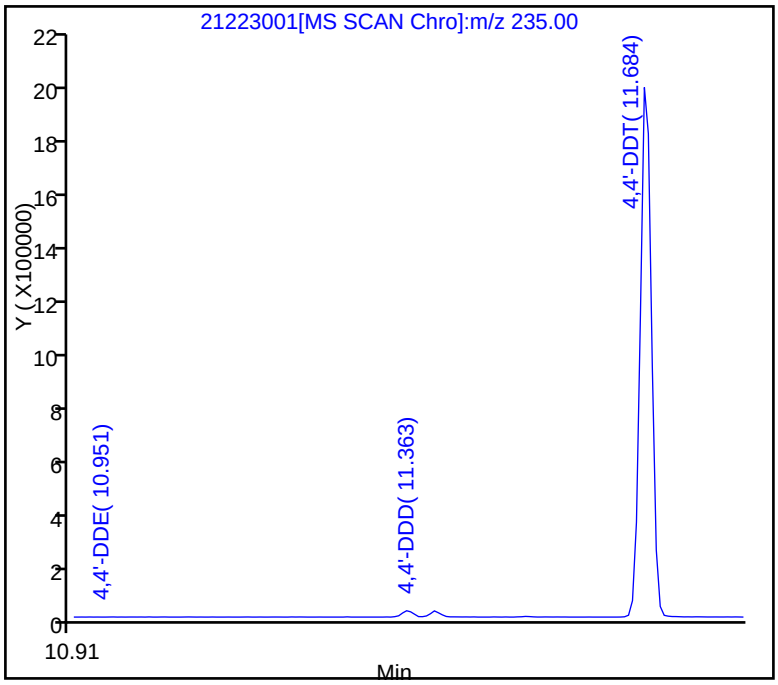
m/z	Y	m/z	Y	m/z	Y	m/z	Y
113.00	1164	213.00	602	313.00	489	432.00	191
114.00	340	214.00	370	314.00	1783	433.00	391
116.00	4766	215.00	2228	315.00	4846	434.00	234
117.00	79552	216.00	4022	316.00	2178	435.00	182
118.00	5571	217.00	42152	317.00	570	436.00	336
119.00	713	218.00	7102	319.00	59	437.00	494
120.00	1509	219.00	939	320.00	198	438.00	279
122.00	5338	220.00	1076	321.00	1578	439.00	233
123.00	8113	221.00	39992	322.00	938	440.00	484
124.00	4228	222.00	2059	323.00	13299	441.00	53720
125.00	4168	223.00	10442	324.00	2927	442.00	402752
127.00	375232	224.00	93032	325.00	217	443.00	72896
128.00	28336	225.00	24792	326.00	216	444.00	8072
129.00	137536	226.00	2672	327.00	2576	445.00	528
130.00	10165	227.00	36400	328.00	1135	447.00	76
131.00	2056	228.00	5573	329.00	188	461.00	99
132.00	436	229.00	8715	330.00	71	462.00	62
133.00	1312	230.00	1252	332.00	1049	464.00	179
134.00	3399	231.00	3328	333.00	1761	469.00	60
135.00	11449	233.00	807	334.00	7263	476.00	60
136.00	4135	234.00	2886	335.00	1763	482.00	81
137.00	6622	235.00	2930	336.00	183	485.00	74
138.00	1219	236.00	1956	338.00	86	491.00	64
139.00	992	237.00	2935	339.00	117	492.00	99
140.00	1310	238.00	471	341.00	1303	499.00	56
141.00	15043	239.00	1873	342.00	445		
142.00	5053	240.00	851	343.00	245		
143.00	3638	241.00	2249	344.00	75		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223001.D		
Injection Date:	23-Dec-2012 10:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

168 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

168 4,4'-DDT, Area = 2085679
163 4,4'-DDD, Area = 22117
164 4,4'-DDE, Area = 3480

%Breakdown: 1.21%, Max Limit: 20.00%
Passed

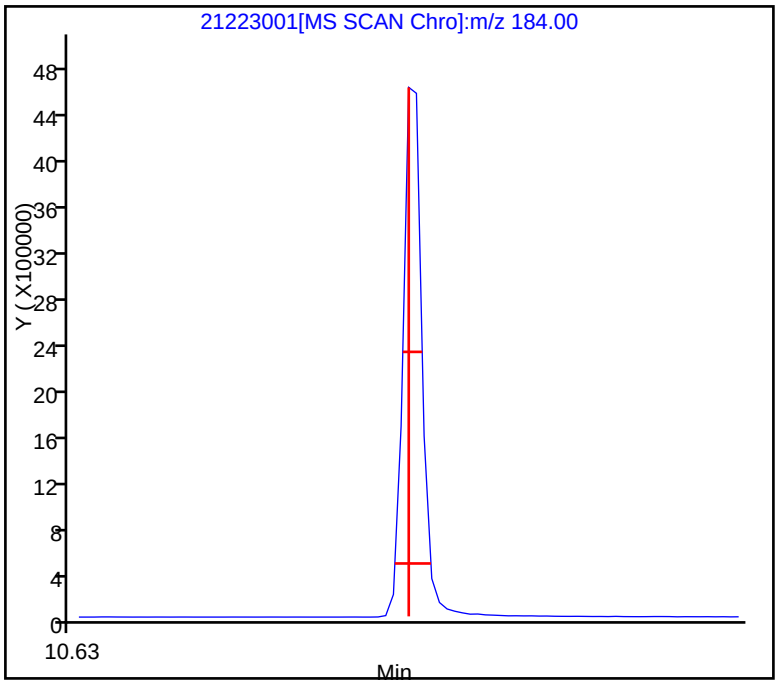
Report Date: 24-Dec-2012 12:29:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223001.D		
Injection Date:	23-Dec-2012 10:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

158 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.010 (min.)

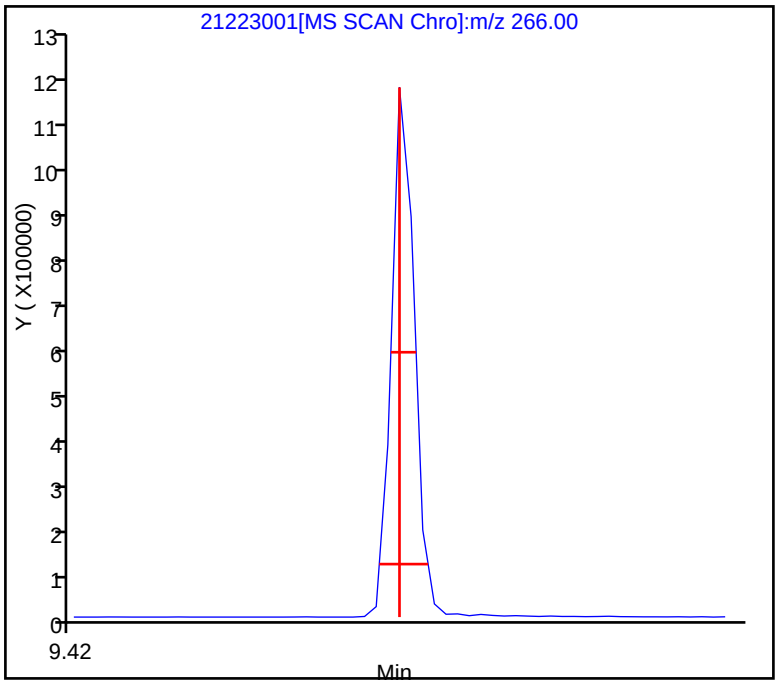
Tailing Factor = 1.6, Max. Tailing < 3.00
Passed

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223001.D		
Injection Date:	23-Dec-2012 10:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

141 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.009 (min.)

Tailing Factor = 1.4, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	24-Dec-2012 08:51:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0016144-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	69977	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m		
Last Update:	26-Dec-2012 13:04:09	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK017		
First Level Reviewer: gruberj		Date:	24-Dec-2012 09:52:12

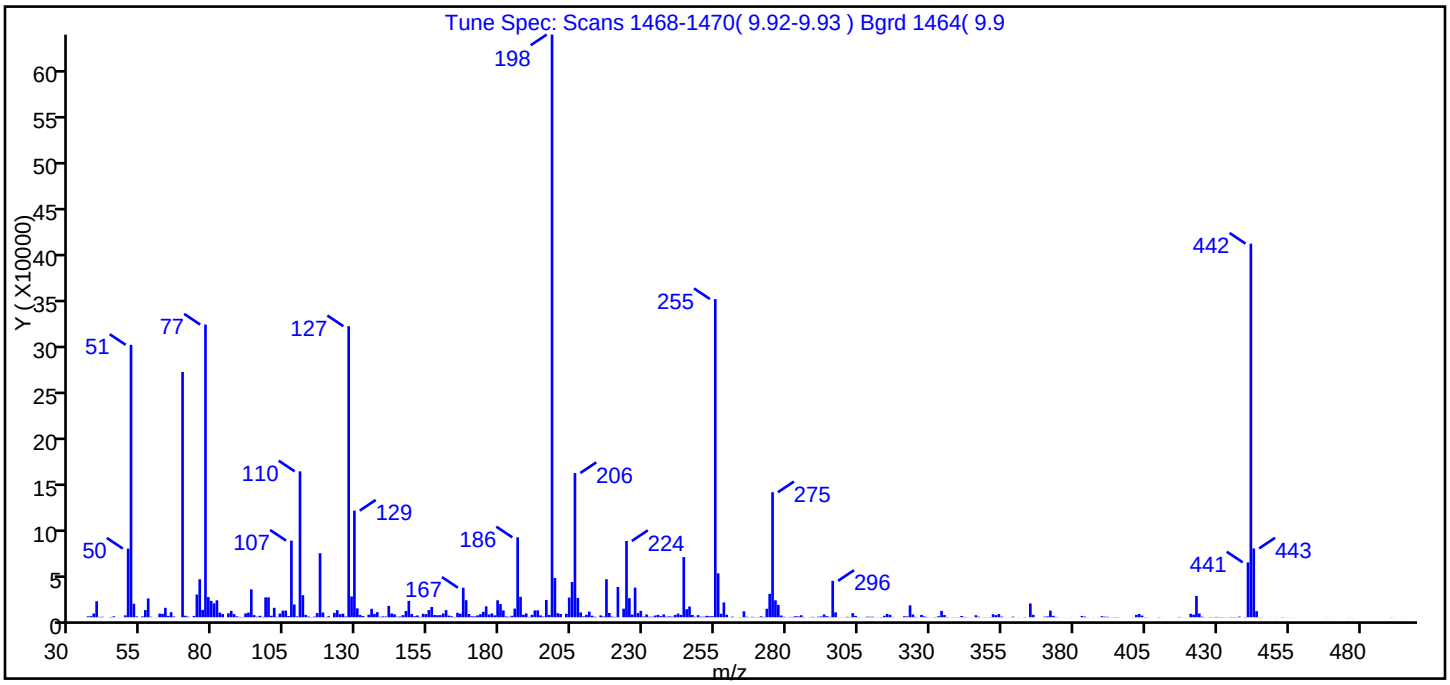
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.564	9.564	0.0	90	750168	0	
148 DFTPP								
158 Benzidine	184	10.853	10.853	0.0	99	3929985	0	
164 4,4'-DDE	246	11.019	11.019	0.0	39	2603	0	
163 4,4'-DDD	235	11.388	11.388	0.0	77	20346	0	
168 4,4'-DDT	235	11.671	11.671	0.0	96	1975641	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224001.D		
Injection Date:	24-Dec-2012 08:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

148 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	46.75
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	42.09
70	Less than 2.00% of mass 69	0.26 (0.62)
127	25.00 - 75.00% of mass 198	49.95
197	Less than 1.00% of mass 198	0.40
199	5.00 - 9.00% of mass 198	6.74
275	10.00 - 30.00% of mass 198	21.46
365	Greater than 0.75% of mass 198	2.37
441	Present, but less than mass 443%	9.42 (79.77)
442	40.00 - 110.00% of mass 198	64.12
443	15.00 - 24.00% of mass 442	11.81 (18.42)

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224001.D\8270_hp7.rslt\spectra.d
Injection Date: 24-Dec-2012 08:51:30
Spectrum: Tune Spec: Scans 1468-1470(9.92-9.93) Bgrd 1464(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 383

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1040	140.00	766	239.00	968	341.00	1418
37.00	1229	141.00	12400	240.00	705	342.00	451
38.00	4092	142.00	4128	241.00	2488	343.00	190
39.00	17560	143.00	3231	242.00	4050	344.00	106
40.00	434	144.00	610	243.00	2607	345.00	76
41.00	520	145.00	829	244.00	65832	346.00	2198
44.00	372	146.00	2309	245.00	8757	347.00	620
45.00	1038	147.00	6837	246.00	11760	348.00	59
46.00	13	148.00	17840	247.00	2509	349.00	202
47.00	124	149.00	3517	248.00	496	350.00	149
49.00	2084	150.00	1188	249.00	2290	351.00	200
50.00	75104	151.00	1972	250.00	602	352.00	3309
51.00	297984	152.00	356	251.00	587	353.00	2316
52.00	14741	153.00	3748	252.00	1570	354.00	3471
53.00	896	154.00	3398	253.00	1136	355.00	726
55.00	974	155.00	7860	254.00	1145	356.00	100
56.00	7836	156.00	11228	255.00	348096	357.00	51
57.00	20608	157.00	2450	256.00	48064	358.00	164
58.00	559	158.00	2238	257.00	3808	359.00	671
59.00	60	159.00	2291	258.00	16219	361.00	134
60.00	123	160.00	4147	259.00	2633	363.00	235
61.00	3954	161.00	7831	260.00	136	365.00	15113
62.00	3746	162.00	1820	261.00	674	366.00	2662
63.00	10316	163.00	1108	263.00	133	367.00	78
64.00	1488	164.00	253	264.00	252	370.00	604
65.00	5544	165.00	4885	265.00	6562	371.00	953
66.00	825	166.00	3918	266.00	599	372.00	7248
69.00	268288	167.00	32320	267.00	160	373.00	1567
70.00	1674	168.00	18680	268.00	478	374.00	410
71.00	623	169.00	3558	269.00	139	375.00	72
72.00	26	170.00	1067	270.00	280	377.00	91
73.00	1465	171.00	984	271.00	986	379.00	109
74.00	24872	172.00	2046	272.00	400	383.00	1447

Report Date: 26-Dec-2012 13:04:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224001.D\8270_hp7.rslt\spectra.d
Injection Date: 24-Dec-2012 08:51:30
Spectrum: Tune Spec: Scans 1468-1470(9.92-9.93) Bgrd 1464(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 383

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	41592	173.00	3337	273.00	9259	384.00	731
76.00	8072	174.00	5962	274.00	25584	385.00	169
77.00	320192	175.00	11934	275.00	136768	387.00	60
78.00	22096	176.00	2996	276.00	18584	389.00	148
79.00	17952	177.00	4200	277.00	13514	390.00	1159
80.00	15248	178.00	2069	278.00	1952	391.00	641
81.00	18544	179.00	18568	279.00	509	392.00	511
82.00	5046	180.00	14417	281.00	332	393.00	99
83.00	3490	181.00	7463	282.00	409	394.00	183
85.00	4284	182.00	907	283.00	1195	395.00	288
86.00	7024	183.00	585	284.00	927	396.00	152
87.00	3394	184.00	1644	285.00	2184	401.00	198
88.00	1033	185.00	9463	286.00	347	402.00	2654
89.00	438	186.00	87416	288.00	217	403.00	3592
90.00	268	187.00	22392	289.00	466	404.00	1779
91.00	4202	188.00	2757	290.00	159	405.00	216
92.00	5125	189.00	4177	291.00	597	406.00	116
93.00	30488	190.00	421	292.00	877	410.00	263
94.00	2316	191.00	2603	293.00	3068	415.00	36
95.00	616	192.00	7497	294.00	1191	417.00	356
96.00	1611	193.00	7566	295.00	457	418.00	144
97.00	433	194.00	2043	296.00	39824	419.00	98
98.00	21752	195.00	760	297.00	5362	420.00	64
99.00	21736	196.00	18872	298.00	138	421.00	3722
100.00	1691	197.00	2562	299.00	131	422.00	2849
101.00	10321	198.00	637376	300.00	106	423.00	23240
102.00	409	199.00	42952	301.00	500	424.00	4112
103.00	4035	200.00	4456	302.00	357	425.00	670
104.00	7180	201.00	3595	303.00	4485	426.00	137
105.00	7295	203.00	3784	304.00	1464	427.00	70
106.00	1310	204.00	21520	305.00	240	428.00	271
107.00	83816	205.00	38576	306.00	78	429.00	228
108.00	13947	206.00	157760	307.00	134	430.00	445
109.00	944	207.00	21120	308.00	642	431.00	298

Report Date: 26-Dec-2012 13:04:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224001.D\8270_hp7.rslt\spectra.d
Injection Date: 24-Dec-2012 08:51:30
Spectrum: Tune Spec: Scans 1468-1470(9.92-9.93) Bgrd 1464(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 383

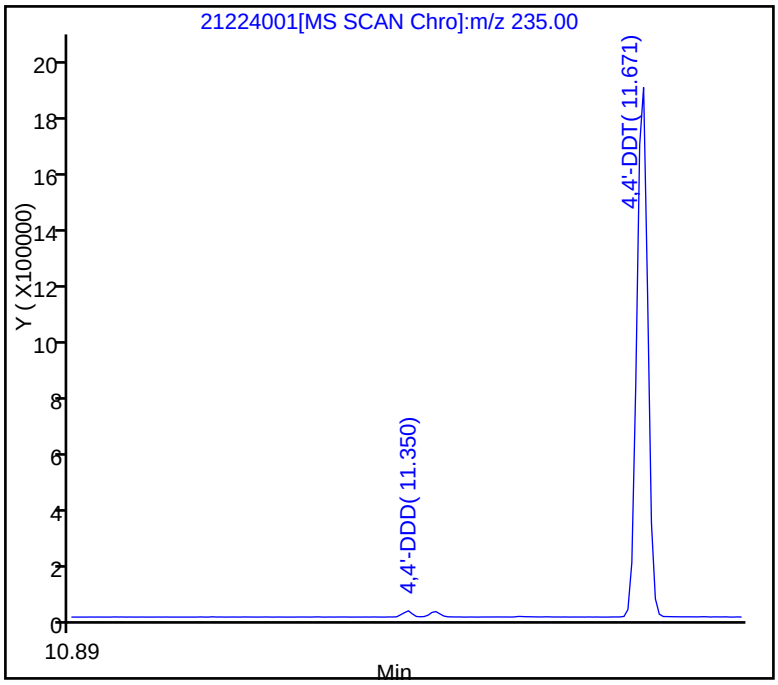
m/z	Y	m/z	Y	m/z	Y	m/z	Y
110.00	159616	208.00	5282	309.00	555	432.00	277
111.00	24168	209.00	960	310.00	576	433.00	112
112.00	2576	210.00	2733	311.00	73	434.00	85
113.00	823	211.00	6172	312.00	117	435.00	325
114.00	256	212.00	1699	313.00	286	436.00	290
115.00	705	213.00	576	314.00	1619	437.00	248
116.00	4525	215.00	2007	315.00	3691	438.00	713
117.00	70016	216.00	883	316.00	2587	440.00	265
118.00	5261	217.00	41600	317.00	385	441.00	60048
119.00	293	218.00	4695	320.00	58	442.00	408704
120.00	1148	219.00	749	321.00	1113	443.00	75280
121.00	42	220.00	357	322.00	914	444.00	6666
122.00	4806	221.00	33144	323.00	13014	445.00	239
123.00	7781	223.00	9391	324.00	3060	446.00	95
124.00	3303	224.00	83432	325.00	379	449.00	74
125.00	3960	225.00	20928	326.00	67	451.00	81
126.00	803	226.00	2981	327.00	2584	453.00	254
127.00	318400	227.00	32400	328.00	967	454.00	52
128.00	22752	228.00	4515	329.00	330	455.00	76
129.00	116664	229.00	7021	331.00	171	456.00	52
130.00	9753	230.00	857	332.00	368	457.00	82
131.00	2576	231.00	2993	333.00	1168	468.00	68
132.00	1376	232.00	596	334.00	6990	469.00	85
134.00	2779	233.00	634	335.00	2414	476.00	118
135.00	9264	234.00	1895	336.00	360	477.00	71
136.00	3637	235.00	2621	337.00	55	491.00	185
137.00	5545	236.00	1259	338.00	197	492.00	77
138.00	483	237.00	3131	339.00	156	496.00	84
139.00	943	238.00	595	340.00	233		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224001.D		
Injection Date:	24-Dec-2012 08:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

168 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

168 4,4'-DDT, Area = 1975641
163 4,4'-DDD, Area = 20346
164 4,4'-DDE, Area = 2603

%Breakdown: 1.15%, Max Limit: 20.00%
Passed

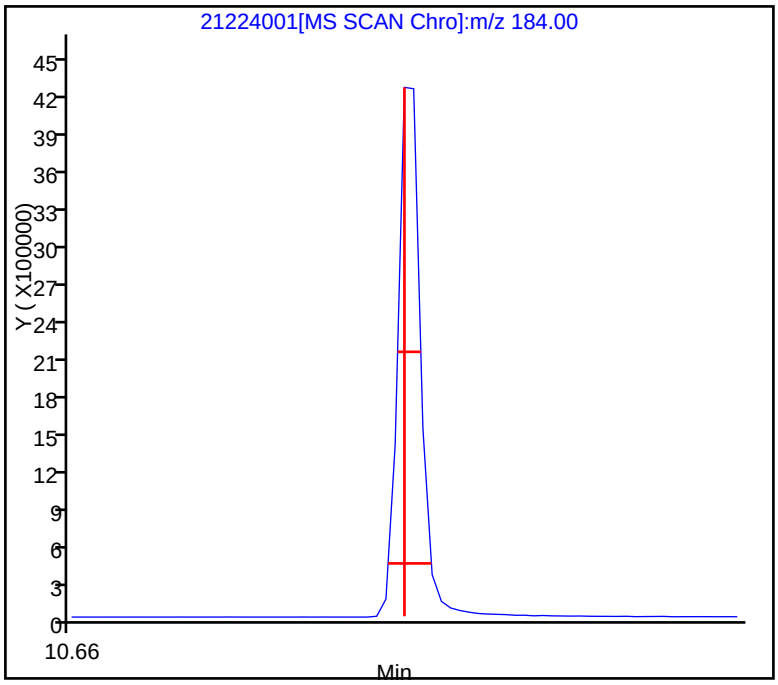
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224001.D

Injection Date:	24-Dec-2012 08:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

158 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.009 (min.)

Tailing Factor = 1.7, Max. Tailing < 3.00
Passed

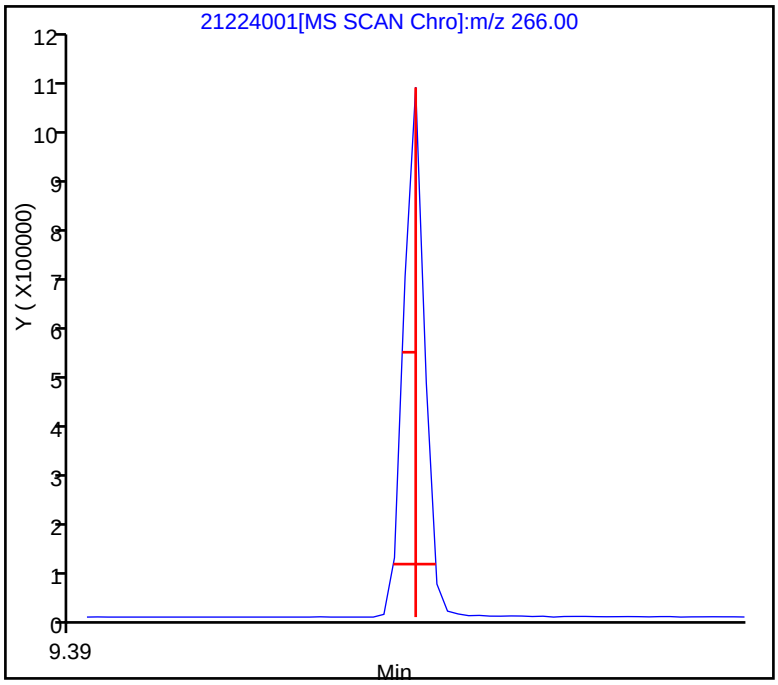
Report Date: 26-Dec-2012 13:04:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224001.D		
Injection Date:	24-Dec-2012 08:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

141 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 0.9, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	26-Dec-2012 08:52:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0016144-001		
Misc. Info.:	DFTPP		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	70078	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\8270_hp7.m		
Last Update:	27-Dec-2012 09:55:08	Calib Date:	20-Dec-2012 16:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK036		

First Level Reviewer: gruberj Date: 26-Dec-2012 09:43:03

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.551	9.551	0.0	88	764206	0	
148 DFTPP								
158 Benzidine	184	10.845	10.845	0.0	99	4022818	0	
164 4,4'-DDE	246	11.011	11.011	0.0	53	3015	0	
163 4,4'-DDD	235	11.375	11.375	0.0	57	19020	0	
168 4,4'-DDT	235	11.658	11.658	0.0	98	1943786	0	

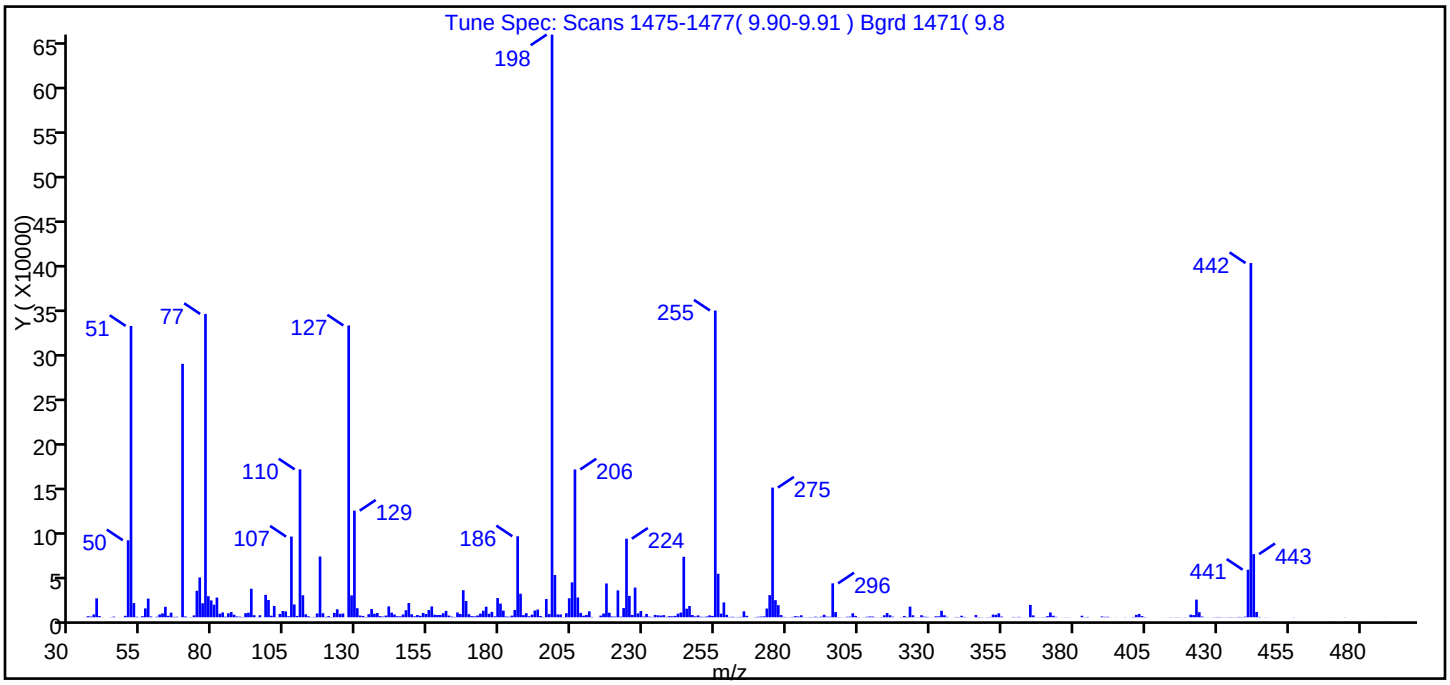
Report Date: 27-Dec-2012 09:55:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226001.D		
Injection Date:	26-Dec-2012 08:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

148 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	50.00
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	43.49
70	Less than 2.00% of mass 69	0.14 (0.32)
127	25.00 - 75.00% of mass 198	50.08
197	Less than 1.00% of mass 198	0.54
199	5.00 - 9.00% of mass 198	7.25
275	10.00 - 30.00% of mass 198	22.25
365	Greater than 0.75% of mass 198	2.12
441	Present, but less than mass 443%	8.16 (75.27)
442	40.00 - 110.00% of mass 198	60.79
443	15.00 - 24.00% of mass 442	10.84 (17.82)

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226001.D\8270_hp7.rslt\spectra.d
Injection Date: 26-Dec-2012 08:52:30
Spectrum: Tune Spec: Scans 1475-1477(9.90-9.91) Bgrd 1471(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 382

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	121	138.00	1304	235.00	2201	335.00	2251
36.00	1203	139.00	766	236.00	1899	336.00	466
37.00	819	140.00	1896	237.00	2395	339.00	343
38.00	3167	141.00	12287	238.00	502	340.00	275
39.00	21336	142.00	5218	239.00	1273	341.00	1701
40.00	1335	143.00	3096	240.00	1105	342.00	397
41.00	108	144.00	1145	241.00	1611	343.00	105
44.00	222	145.00	1065	242.00	4049	344.00	67
45.00	684	146.00	3108	243.00	5296	346.00	2479
47.00	92	147.00	7933	244.00	68160	347.00	290
48.00	50	148.00	16041	245.00	9641	348.00	187
49.00	1618	149.00	3395	246.00	12667	350.00	212
50.00	86832	150.00	1065	247.00	2497	351.00	352
51.00	328576	151.00	2515	248.00	1038	352.00	3019
52.00	16008	152.00	1615	249.00	2081	353.00	2806
53.00	592	153.00	4882	250.00	598	354.00	4467
54.00	164	154.00	3617	251.00	410	355.00	798
55.00	1235	155.00	8137	252.00	906	359.00	387
56.00	9976	156.00	12201	253.00	2123	360.00	176
57.00	21016	157.00	2829	254.00	1547	361.00	469
58.00	872	158.00	2569	255.00	345920	362.00	66
60.00	558	159.00	2556	256.00	49072	363.00	54
61.00	3134	160.00	4546	257.00	4140	364.00	94
62.00	4363	161.00	7175	258.00	16704	365.00	13925
63.00	11821	162.00	1944	259.00	2750	366.00	2105
64.00	1669	163.00	722	260.00	373	367.00	123
65.00	5163	164.00	355	261.00	545	368.00	139
66.00	463	165.00	5393	262.00	243	369.00	172
67.00	577	166.00	3684	263.00	340	370.00	263
69.00	285824	167.00	30528	264.00	464	371.00	1285
70.00	920	168.00	18344	265.00	6675	372.00	5402
71.00	85	169.00	3489	266.00	1631	373.00	1730
72.00	298	170.00	1310	269.00	329	374.00	480

Report Date: 27-Dec-2012 09:55:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226001.D\8270_hp7.rslt\spectra.d
Injection Date: 26-Dec-2012 08:52:30
Spectrum: Tune Spec: Scans 1475-1477(9.90-9.91) Bgrd 1471(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 382

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	2110	171.00	1031	270.00	596	376.00	100
74.00	29864	172.00	1983	271.00	776	377.00	142
75.00	44896	173.00	4173	272.00	1002	378.00	170
76.00	15769	174.00	7345	273.00	9809	379.00	54
77.00	342080	175.00	11866	274.00	24952	383.00	1701
78.00	23760	176.00	3916	275.00	146240	384.00	192
79.00	18976	177.00	6028	276.00	19288	385.00	423
80.00	14135	178.00	1014	277.00	13613	390.00	902
81.00	22160	179.00	21672	278.00	2478	391.00	462
82.00	3969	180.00	15456	279.00	419	392.00	573
83.00	5427	181.00	7444	280.00	146	393.00	77
84.00	662	182.00	866	281.00	200	395.00	97
85.00	4399	183.00	652	282.00	464	398.00	176
86.00	5821	184.00	1858	283.00	1301	400.00	92
87.00	2818	185.00	8198	284.00	843	401.00	420
88.00	933	186.00	91336	285.00	2204	402.00	2706
89.00	681	187.00	26552	286.00	213	403.00	3710
90.00	298	188.00	2400	287.00	135	404.00	1317
91.00	4556	189.00	4604	288.00	331	405.00	337
92.00	5161	190.00	1086	289.00	304	411.00	88
93.00	32120	191.00	2892	290.00	672	413.00	72
94.00	2320	192.00	7595	291.00	262	414.00	220
95.00	159	193.00	8630	292.00	683	415.00	83
96.00	2294	194.00	1422	293.00	2798	416.00	157
98.00	25272	195.00	247	294.00	700	417.00	196
99.00	19456	196.00	20600	295.00	632	419.00	160
100.00	1752	197.00	3553	296.00	38216	420.00	66
101.00	12772	198.00	657152	297.00	5852	421.00	2879
102.00	150	199.00	47640	298.00	275	422.00	2434
103.00	3722	200.00	3187	299.00	171	423.00	19888
104.00	6993	201.00	3139	301.00	555	424.00	5675
105.00	6611	202.00	264	302.00	673	425.00	824
106.00	1143	203.00	4525	303.00	4510	426.00	52
107.00	90968	204.00	21384	304.00	1537	427.00	108

Report Date: 27-Dec-2012 09:55:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226001.D\8270_hp7.rslt\spectra.d
Injection Date: 26-Dec-2012 08:52:30
Spectrum: Tune Spec: Scans 1475-1477(9.90-9.91) Bgrd 1471(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 382

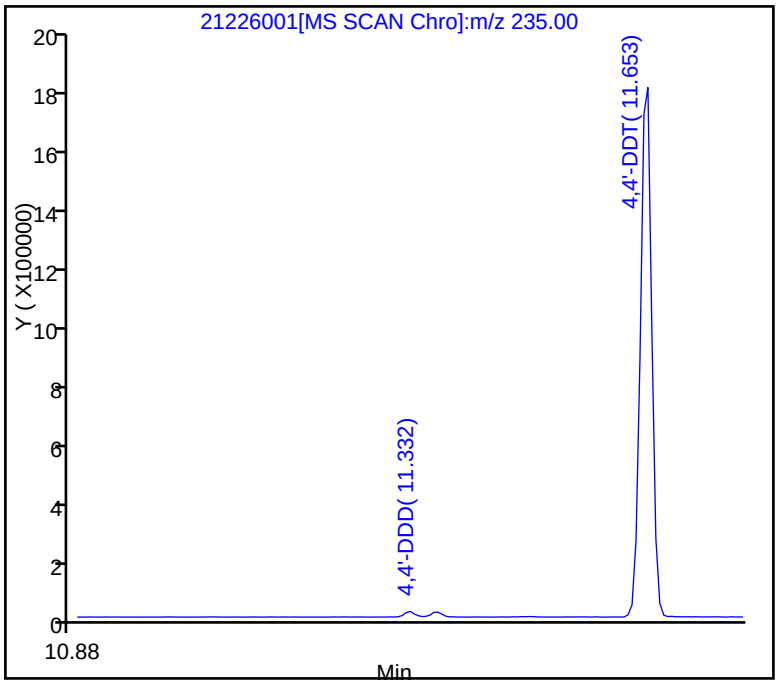
m/z	Y	m/z	Y	m/z	Y	m/z	Y
108.00	14407	205.00	39376	305.00	233	429.00	169
109.00	1509	206.00	166720	306.00	98	430.00	340
110.00	166784	207.00	22280	307.00	160	431.00	310
111.00	24840	208.00	4921	308.00	602	432.00	180
112.00	3320	209.00	1743	309.00	899	433.00	151
113.00	1153	210.00	2631	310.00	812	434.00	237
114.00	214	211.00	6672	311.00	135	435.00	296
115.00	384	212.00	398	312.00	115	436.00	208
116.00	4297	214.00	121	313.00	319	437.00	225
117.00	68504	215.00	1877	314.00	2263	438.00	416
118.00	4539	216.00	4197	315.00	4793	439.00	251
119.00	479	217.00	38112	316.00	2297	440.00	665
120.00	1288	218.00	5073	317.00	657	441.00	53600
121.00	306	219.00	886	319.00	72	442.00	399488
122.00	4923	220.00	750	320.00	208	443.00	71208
123.00	8987	221.00	30304	321.00	1455	444.00	5947
124.00	3855	222.00	682	322.00	370	445.00	427
125.00	4229	223.00	10352	323.00	11975	447.00	135
127.00	329088	224.00	88608	324.00	2228	448.00	130
128.00	24656	225.00	24120	325.00	165	457.00	203
129.00	120256	226.00	2623	326.00	167	459.00	63
130.00	10237	227.00	33472	327.00	2302	470.00	62
131.00	1932	228.00	4359	328.00	701	471.00	83
132.00	1504	229.00	7032	329.00	460	475.00	152
133.00	357	230.00	772	330.00	143	478.00	66
134.00	3461	231.00	3708	331.00	53	489.00	73
135.00	9241	232.00	758	332.00	1046	499.00	67
136.00	3981	233.00	383	333.00	1090		
137.00	4731	234.00	2689	334.00	7285		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226001.D		
Injection Date:	26-Dec-2012 08:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

168 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

168 4,4'-DDT, Area = 1943786
163 4,4'-DDD, Area = 19020
164 4,4'-DDE, Area = 3015

%Breakdown: 1.12%, Max Limit: 20.00%
Passed

Report Date: 27-Dec-2012 09:55:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

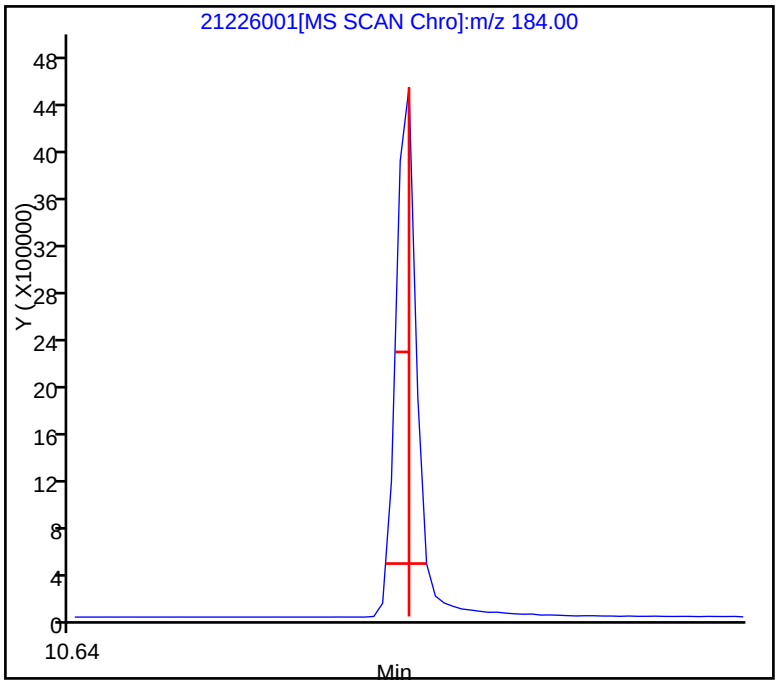
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226001.D

Injection Date:	26-Dec-2012 08:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

158 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.7, Max. Tailing < 3.00
Passed

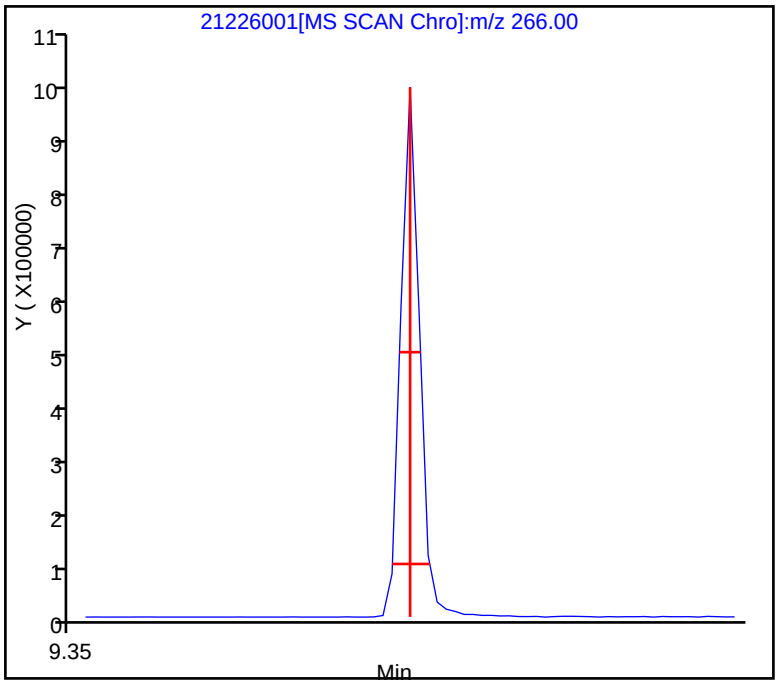
Report Date: 27-Dec-2012 09:55:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226001.D		
Injection Date:	26-Dec-2012 08:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

141 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.012 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 1.1, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	21-Dec-2012 13:19:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015994-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	69820	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\8270 _9.m		
Last Update:	22-Dec-2012 11:07:27	Calib Date:	21-Dec-2012 20:45:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK002		
First Level Reviewer: ulmanm		Date:	21-Dec-2012 13:51:25

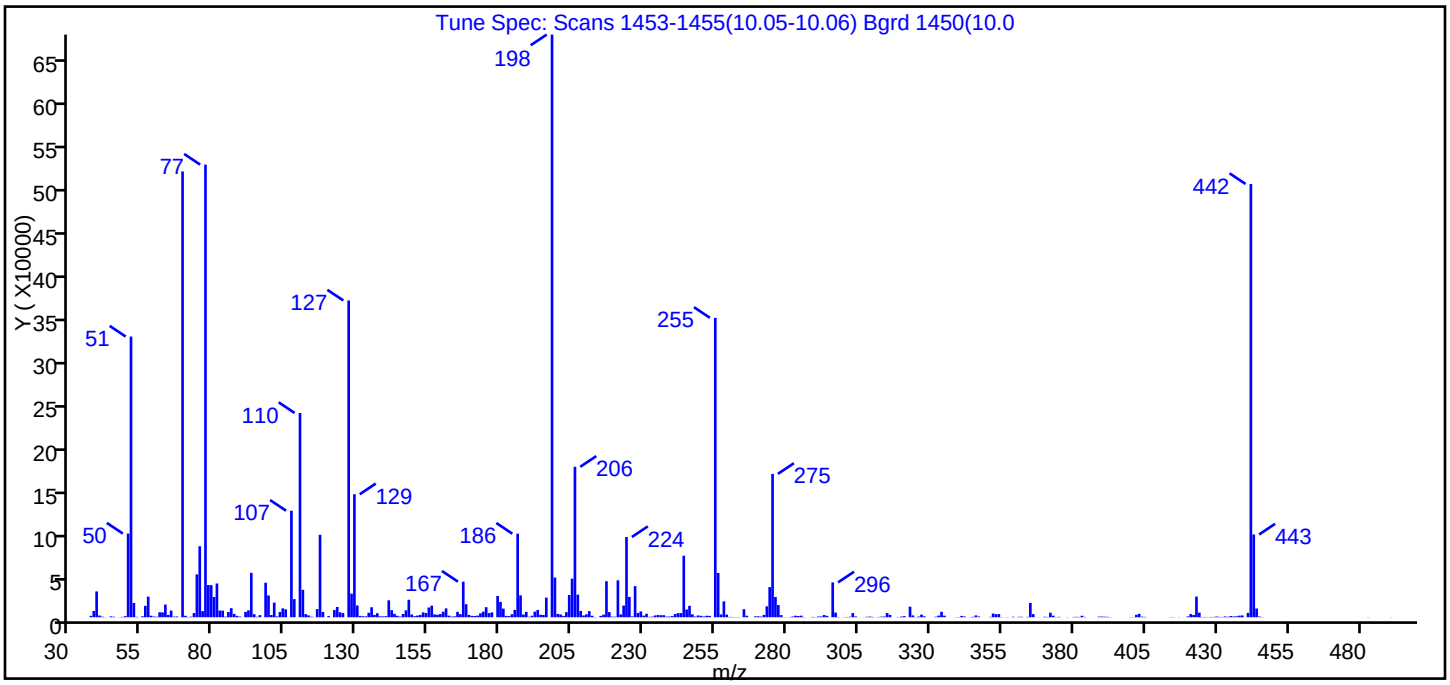
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.706	9.706	0.0	78	797497	0	
150 DFTPP								
160 Benzidine	184	11.025	11.025	0.0	99	4656895	0	
166 4,4'-DDE	246	11.196	11.196	0.0	1	1267	0	
165 4,4'-DDD	235	11.538	11.538	0.0	28	17323	0	
170 4,4'-DDT	235	11.880	11.880	0.0	96	2114030	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221001.D		
Injection Date:	21-Dec-2012 13:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

150 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	48.18
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	76.52
70	Less than 2.00% of mass 69	0.26 (0.33)
127	25.00 - 75.00% of mass 198	54.36
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.81
275	10.00 - 30.00% of mass 198	24.61
365	Greater than 0.75% of mass 198	2.46
441	Present, but less than mass 443%	0.75 (5.25)
442	40.00 - 110.00% of mass 198	74.36
443	15.00 - 24.00% of mass 442	14.20 (19.10)

Report Date: 22-Dec-2012 11:07:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221001.D\8270 _9.rslt\spectra.d
Injection Date: 21-Dec-2012 13:19:30
Spectrum: Tune Spec: Scans 1453-1455(10.05-10.06) Bgrd 1450(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 343

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1663	134.00	5209	223.00	13496	323.00	12240
38.00	7278	135.00	11552	224.00	92568	324.00	2148
39.00	29768	136.00	2735	225.00	23424	325.00	177
40.00	1974	137.00	4644	226.00	966	326.00	812
41.00	721	138.00	1078	227.00	35912	327.00	3045
42.00	113	139.00	1012	228.00	4988	328.00	1080
44.00	1023	140.00	1257	229.00	6746	332.00	642
45.00	611	141.00	19544	230.00	1890	333.00	1896
47.00	173	142.00	8174	231.00	4047	334.00	6272
48.00	486	143.00	3908	232.00	508	335.00	1822
49.00	1265	144.00	1672	233.00	749	339.00	208
50.00	96576	145.00	836	234.00	2073	340.00	261
51.00	323904	146.00	3803	235.00	2525	341.00	1561
52.00	16464	147.00	8000	236.00	2360	342.00	888
53.00	457	148.00	20200	237.00	2397	344.00	223
55.00	1153	149.00	3208	238.00	745	345.00	562
56.00	13148	150.00	1245	239.00	845	346.00	2169
57.00	23792	151.00	1982	240.00	1321	347.00	878
58.00	1792	152.00	2642	241.00	3669	351.00	477
59.00	847	153.00	5627	242.00	4787	352.00	4323
60.00	605	154.00	4863	243.00	4762	353.00	3569
61.00	5733	155.00	11254	244.00	71056	354.00	3636
62.00	5636	156.00	13354	245.00	8911	355.00	245
63.00	14636	157.00	3278	246.00	13146	357.00	218
64.00	2712	158.00	2920	247.00	3373	359.00	614
65.00	7706	159.00	3712	248.00	823	361.00	550
66.00	703	160.00	6422	249.00	2062	362.00	531
67.00	906	161.00	10262	250.00	1675	364.00	480
69.00	514432	162.00	1858	251.00	927	365.00	16560
70.00	1719	163.00	842	252.00	1748	366.00	3633
71.00	335	164.00	1065	253.00	1593	368.00	169
72.00	657	165.00	6219	255.00	345472	370.00	598
73.00	4791	166.00	3557	256.00	51144	371.00	390

Report Date: 22-Dec-2012 11:07:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221001.D\8270 _9.rslt\spectra.d
Injection Date: 21-Dec-2012 13:19:30
Spectrum: Tune Spec: Scans 1453-1455(10.05-10.06) Bgrd 1450(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 343

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	49448	167.00	41088	257.00	3253	372.00	5253
75.00	81936	168.00	15087	258.00	18336	373.00	1753
76.00	7087	169.00	2751	259.00	3077	374.00	207
77.00	522304	170.00	1565	260.00	411	375.00	489
78.00	37184	171.00	1514	261.00	355	378.00	243
79.00	37048	172.00	1913	262.00	223	380.00	342
80.00	23408	173.00	4555	263.00	336	381.00	523
81.00	38968	174.00	6475	265.00	9321	382.00	336
82.00	7758	175.00	11652	266.00	1734	383.00	1705
83.00	7604	176.00	4814	269.00	1051	384.00	447
84.00	728	177.00	5600	270.00	1127	389.00	750
85.00	6065	179.00	24552	271.00	786	390.00	812
86.00	10475	180.00	17736	272.00	2723	391.00	617
87.00	3830	181.00	9993	273.00	12608	392.00	537
88.00	1635	182.00	1564	274.00	34792	393.00	234
89.00	826	183.00	1384	275.00	165440	400.00	202
91.00	6237	184.00	3494	276.00	23400	401.00	211
92.00	7989	185.00	8488	277.00	14090	402.00	2825
93.00	51264	186.00	96432	278.00	2493	403.00	3902
94.00	3533	187.00	25248	279.00	217	404.00	656
95.00	561	188.00	3129	281.00	281	405.00	453
96.00	2466	189.00	6113	282.00	842	414.00	300
98.00	39816	190.00	602	283.00	1781	415.00	174
99.00	25144	191.00	1739	284.00	1446	417.00	209
100.00	2592	192.00	6467	285.00	1845	420.00	952
101.00	16928	193.00	8488	286.00	282	421.00	3687
102.00	989	194.00	2845	289.00	453	422.00	2630
103.00	6087	195.00	2662	290.00	255	423.00	23856
104.00	10330	196.00	22672	291.00	916	424.00	5304
105.00	9130	198.00	672320	292.00	898	425.00	278
107.00	122936	199.00	45792	293.00	2570	426.00	365
108.00	20904	200.00	3819	294.00	1625	427.00	210
110.00	235712	201.00	3216	296.00	40240	428.00	357
111.00	31624	202.00	1607	297.00	5438	429.00	377

Report Date: 22-Dec-2012 11:07:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221001.D\8270 _9.rslt\spectra.d
Injection Date: 21-Dec-2012 13:19:30
Spectrum: Tune Spec: Scans 1453-1455(10.05-10.06) Bgrd 1450(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 343

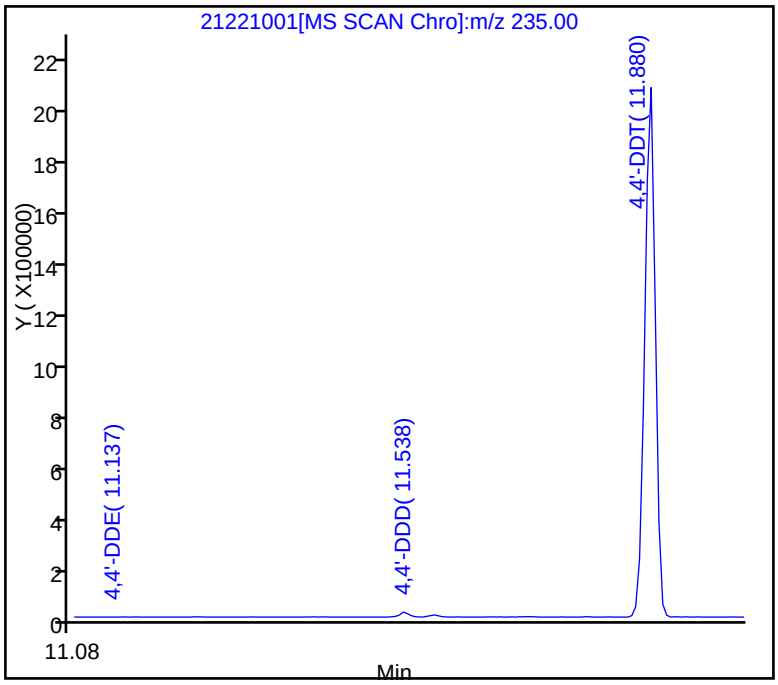
m/z	Y	m/z	Y	m/z	Y	m/z	Y
112.00	3692	203.00	5893	298.00	375	430.00	884
113.00	2178	204.00	25704	300.00	227	431.00	493
114.00	616	205.00	44472	301.00	356	432.00	336
115.00	131	206.00	173632	302.00	604	433.00	922
116.00	9415	207.00	26072	303.00	4772	434.00	574
117.00	95136	208.00	7312	304.00	935	435.00	1397
118.00	6151	209.00	2036	305.00	171	436.00	951
120.00	1317	210.00	3352	307.00	187	437.00	1152
122.00	8315	211.00	7032	308.00	571	438.00	1848
123.00	11939	212.00	1750	309.00	807	439.00	2117
124.00	5739	213.00	270	310.00	422	441.00	5015
125.00	4868	215.00	1608	312.00	363	442.00	499968
127.00	365504	216.00	2968	313.00	718	443.00	95480
128.00	27192	217.00	41584	314.00	870	444.00	10095
129.00	141952	218.00	5896	315.00	4940	445.00	834
130.00	13562	219.00	722	316.00	2774	446.00	219
131.00	1571	220.00	687	319.00	303	483.00	223
132.00	1138	221.00	42608	320.00	835	491.00	167
133.00	1071	222.00	3239	321.00	1281		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221001.D		
Injection Date:	21-Dec-2012 13:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

170 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

170 4,4'-DDT, Area = 2114030
165 4,4'-DDD, Area = 17323
166 4,4'-DDE, Area = 1267

%Breakdown: 0.87%, Max Limit: 20.00%
Passed

Report Date: 22-Dec-2012 11:07:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

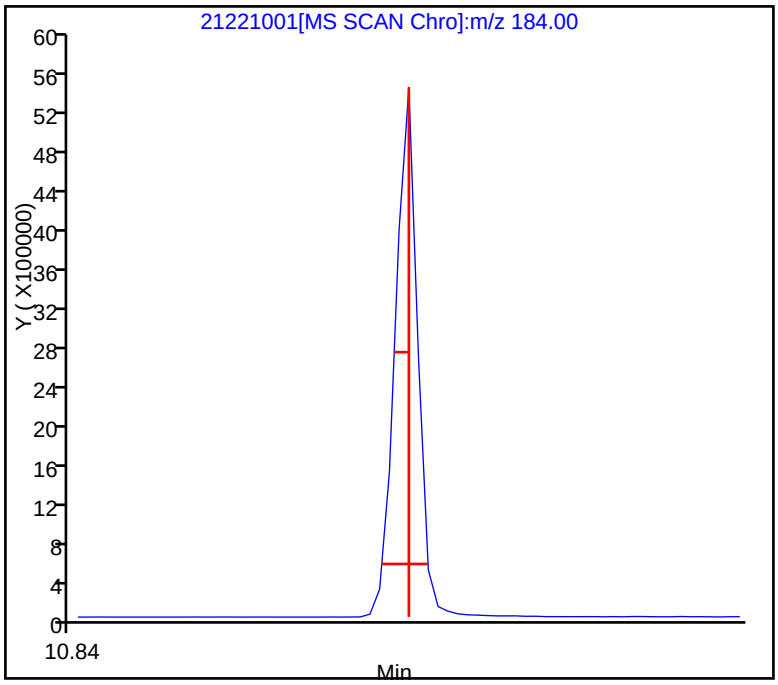
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221001.D

Injection Date:	21-Dec-2012 13:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 0.7, Max. Tailing < 3.00
Passed

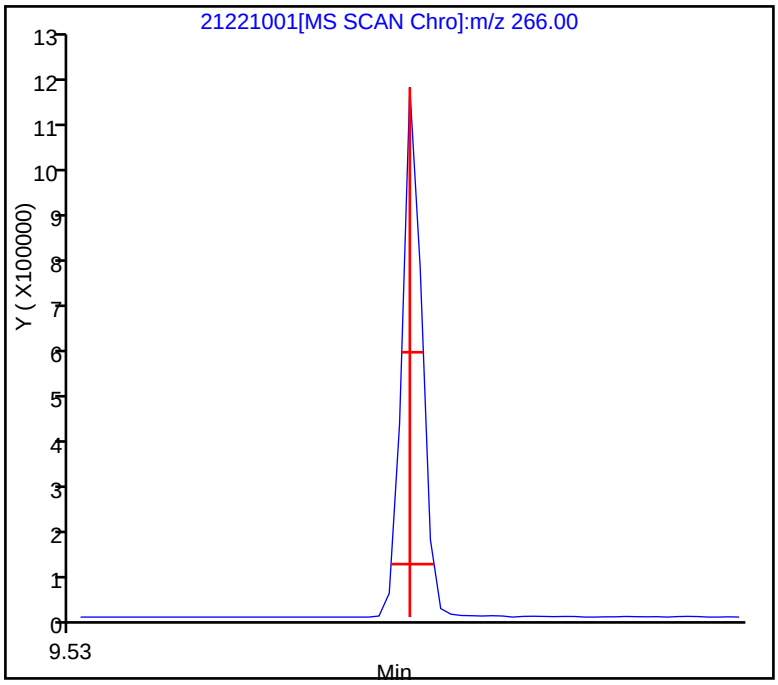
Report Date: 22-Dec-2012 11:07:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221001.D		
Injection Date:	21-Dec-2012 13:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69820	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.3, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121222-16124.b\21222001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	22-Dec-2012 11:45:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0016124-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	69908	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121222-16124.b\8270 _9.m		
Last Update:	24-Dec-2012 10:24:14	Calib Date:	21-Dec-2012 20:45:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK008		
First Level Reviewer: ulmanm		Date:	22-Dec-2012 12:16:22

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.693	9.693	0.0	78	565348	0	
150 DFTPP								
160 Benzidine	184	11.007	11.007	0.0	99	3648040	0	
166 4,4'-DDE	246		11.196					
165 4,4'-DDD	235		11.538					9
170 4,4'-DDT	235	11.862	11.862	0.0	96	1618101	0	

QC Flag Legend

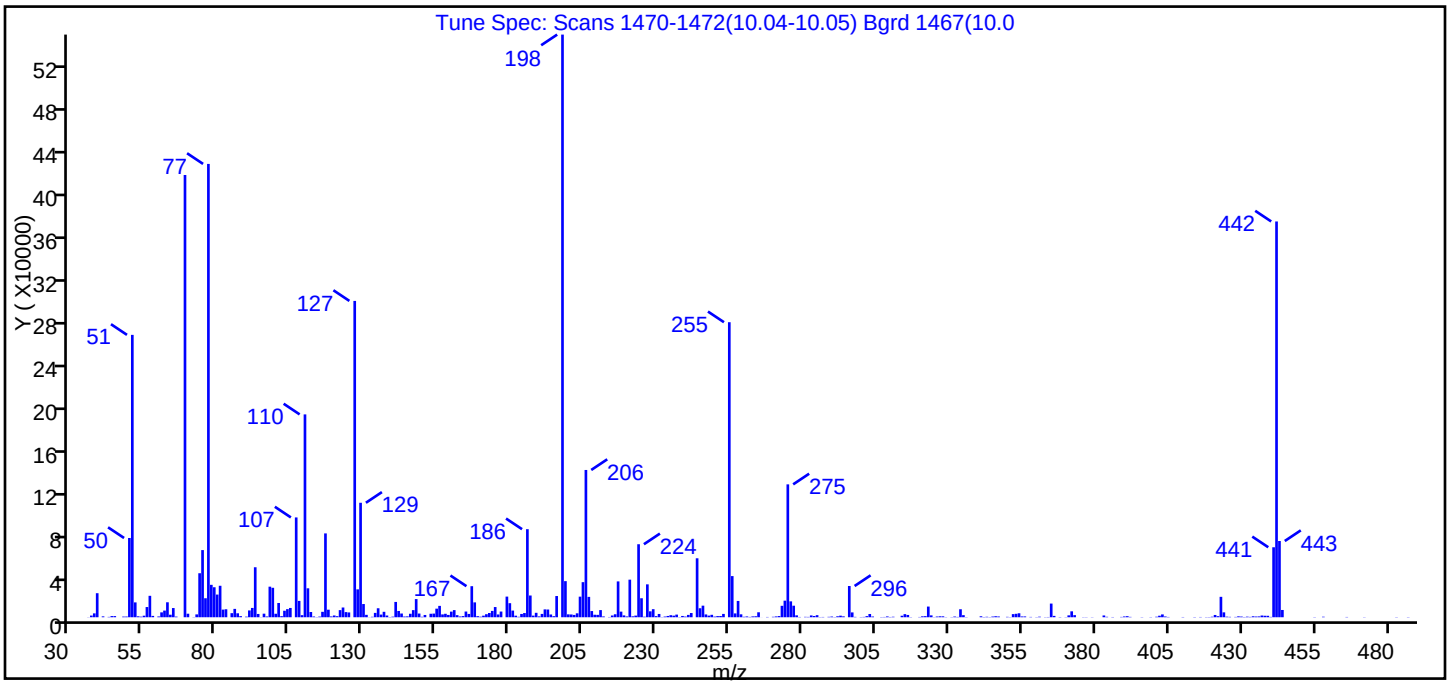
Processing Flags
9 - Failed A Reference Spectral Test

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121222-16124.b\21222001.D		
Injection Date:	22-Dec-2012 11:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69908	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

150 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	48.46
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	75.90
70	Less than 2.00% of mass 69	0.61 (0.80)
127	25.00 - 75.00% of mass 198	54.29
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.20
275	10.00 - 30.00% of mass 198	22.81
365	Greater than 0.75% of mass 198	2.35
441	Present, but less than mass 443%	12.01 (91.80)
442	40.00 - 110.00% of mass 198	67.93
443	15.00 - 24.00% of mass 442	13.09 (19.26)

Report Date: 24-Dec-2012 10:24:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A4HP9\20121222-16124.b\21222001.D\8270 _9.rslt\spectra.d
Injection Date: 22-Dec-2012 11:45:30
Spectrum: Tune Spec: Scans 1470-1472(10.04-10.05) Bgrd 1467(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 348

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	136	135.00	8464	226.00	530	327.00	914
37.00	1584	136.00	2510	227.00	30960	328.00	871
38.00	3661	137.00	5131	228.00	5574	329.00	173
39.00	22632	138.00	1630	229.00	7601	331.00	184
41.00	828	139.00	217	230.00	1070	332.00	672
43.00	340	140.00	567	231.00	3104	333.00	320
44.00	1116	141.00	14415	232.00	175	334.00	7540
45.00	1089	142.00	5925	233.00	657	335.00	1961
48.00	638	143.00	3518	234.00	1230	336.00	187
49.00	665	144.00	670	235.00	1935	341.00	929
50.00	74568	145.00	817	236.00	1498	342.00	249
51.00	265664	146.00	3286	237.00	2489	343.00	443
52.00	13984	147.00	6699	238.00	199	344.00	196
53.00	907	148.00	17104	239.00	1219	345.00	657
54.00	566	149.00	3496	240.00	650	346.00	982
55.00	1460	150.00	439	241.00	2217	347.00	734
56.00	9603	151.00	2143	242.00	3974	350.00	391
57.00	20168	153.00	3292	244.00	55480	351.00	176
58.00	1275	154.00	3444	245.00	8472	352.00	2940
60.00	737	155.00	8089	246.00	10901	353.00	3253
61.00	4597	156.00	10703	247.00	2657	354.00	3752
62.00	6265	157.00	2677	248.00	1547	355.00	748
63.00	14093	158.00	3259	249.00	2304	356.00	766
64.00	2395	159.00	2192	250.00	613	358.00	322
65.00	8663	160.00	5298	251.00	1099	360.00	193
66.00	606	161.00	6721	252.00	1163	361.00	544
69.00	416064	162.00	1989	253.00	3147	363.00	185
70.00	3326	163.00	737	255.00	277568	364.00	260
72.00	174	164.00	1105	256.00	38728	365.00	12875
73.00	2694	165.00	5379	257.00	3607	366.00	1281
74.00	41416	166.00	3125	258.00	15349	368.00	239
75.00	63192	167.00	29232	259.00	2755	370.00	182
76.00	17888	168.00	13991	260.00	444	371.00	1778

Report Date: 24-Dec-2012 10:24:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121222-16124.b\21222001.D\8270 _9.rslt\spectra.d
Injection Date: 22-Dec-2012 11:45:30
Spectrum: Tune Spec: Scans 1470-1472(10.04-10.05) Bgrd 1467(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 348

m/z	Y	m/z	Y	m/z	Y	m/z	Y
77.00	426496	169.00	1031	261.00	760	372.00	5595
78.00	30504	170.00	516	262.00	317	373.00	1998
79.00	28224	171.00	1496	263.00	802	376.00	179
80.00	21344	172.00	2859	264.00	937	377.00	174
81.00	29616	173.00	4004	265.00	4674	379.00	168
82.00	7191	174.00	5965	266.00	49	383.00	1690
83.00	7522	175.00	9602	268.00	281	384.00	432
85.00	3849	176.00	2622	270.00	442	386.00	250
86.00	7880	177.00	5378	271.00	773	389.00	329
87.00	3731	179.00	19432	272.00	1124	390.00	748
88.00	1063	180.00	13235	273.00	10762	391.00	1012
90.00	576	181.00	6279	274.00	15616	392.00	349
91.00	6415	182.00	1475	275.00	125024	396.00	194
92.00	8764	183.00	429	276.00	14958	399.00	200
93.00	47040	184.00	3098	277.00	10863	401.00	498
94.00	3106	185.00	3956	278.00	1809	402.00	1442
95.00	136	186.00	82848	279.00	285	403.00	2669
96.00	3364	187.00	20456	281.00	395	404.00	712
97.00	728	188.00	1533	282.00	323	405.00	288
98.00	28768	189.00	4185	283.00	1710	410.00	252
99.00	27720	190.00	820	284.00	1190	414.00	241
100.00	3284	191.00	3150	285.00	1961	416.00	269
101.00	13421	192.00	7395	286.00	191	418.00	203
102.00	1021	193.00	7275	287.00	289	419.00	226
103.00	6131	194.00	2600	289.00	395	420.00	494
104.00	7643	195.00	1010	290.00	671	421.00	2146
105.00	8754	196.00	19976	291.00	208	422.00	1017
107.00	93912	198.00	548160	292.00	915	423.00	19216
108.00	15390	199.00	33968	293.00	1483	424.00	4616
109.00	1960	200.00	2732	294.00	841	425.00	559
110.00	190848	201.00	2613	296.00	29400	426.00	380
111.00	27240	202.00	2199	297.00	4553	428.00	325
112.00	4937	203.00	3707	298.00	363	429.00	856
113.00	712	204.00	19376	300.00	217	430.00	650

Report Date: 24-Dec-2012 10:24:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121222-16124.b\21222001.D\8270 _9.rslt\spectra.d
Injection Date: 22-Dec-2012 11:45:30
Spectrum: Tune Spec: Scans 1470-1472(10.04-10.05) Bgrd 1467(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 348

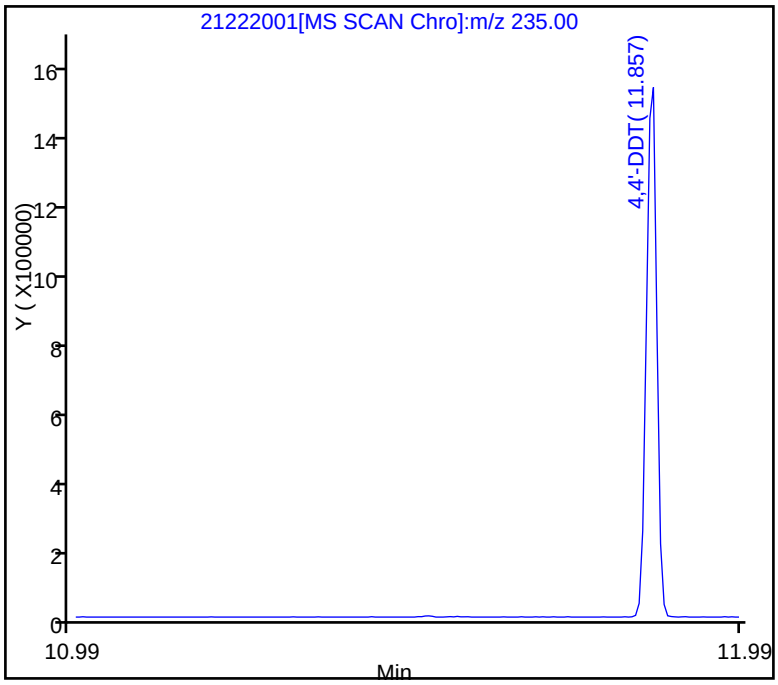
m/z	Y	m/z	Y	m/z	Y	m/z	Y
114.00	178	205.00	33008	301.00	321	431.00	258
115.00	628	206.00	138560	302.00	1061	432.00	571
116.00	5118	207.00	19168	303.00	3067	433.00	339
117.00	78888	208.00	5823	304.00	695	434.00	909
118.00	7115	209.00	2365	307.00	232	435.00	694
119.00	774	210.00	2252	308.00	276	436.00	792
120.00	1675	211.00	6741	309.00	765	437.00	1627
121.00	1008	212.00	767	310.00	267	438.00	1414
122.00	6698	214.00	256	311.00	491	439.00	1370
123.00	9178	215.00	1651	314.00	1435	440.00	336
124.00	4845	216.00	2817	315.00	2936	441.00	65848
125.00	4518	217.00	33728	316.00	2166	442.00	372352
127.00	297600	218.00	5288	317.00	202	443.00	71728
128.00	26240	219.00	1747	320.00	282	444.00	6848
129.00	107712	220.00	761	321.00	898	455.00	200
130.00	12432	221.00	35368	322.00	1042	458.00	500
131.00	2270	222.00	878	323.00	10060	466.00	279
132.00	117	223.00	1547	324.00	1764	472.00	168
133.00	434	224.00	68696	325.00	167	483.00	202
134.00	4108	225.00	17880	326.00	674	487.00	204

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121222-16124.b\21222001.D		
Injection Date:	22-Dec-2012 11:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69908	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

170 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

170 4,4'-DDT, Area = 1618101
165 4,4'-DDD, Area = 0
166 4,4'-DDE, Area = 0

%Breakdown: 0.00%, Max Limit: 20.00%
Passed

Report Date: 24-Dec-2012 10:24:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

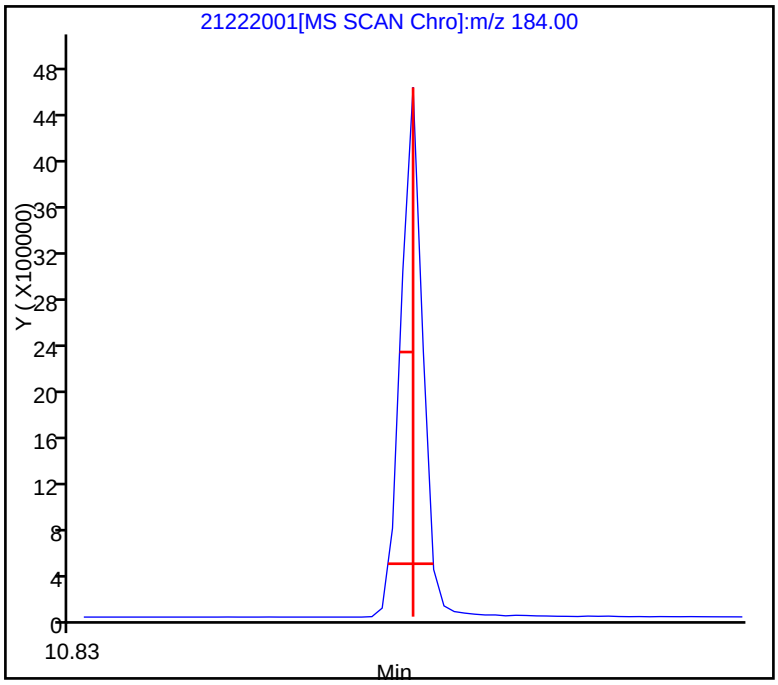
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121222-16124.b\21222001.D

Injection Date:	22-Dec-2012 11:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69908	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 0.8, Max. Tailing < 3.00
Passed

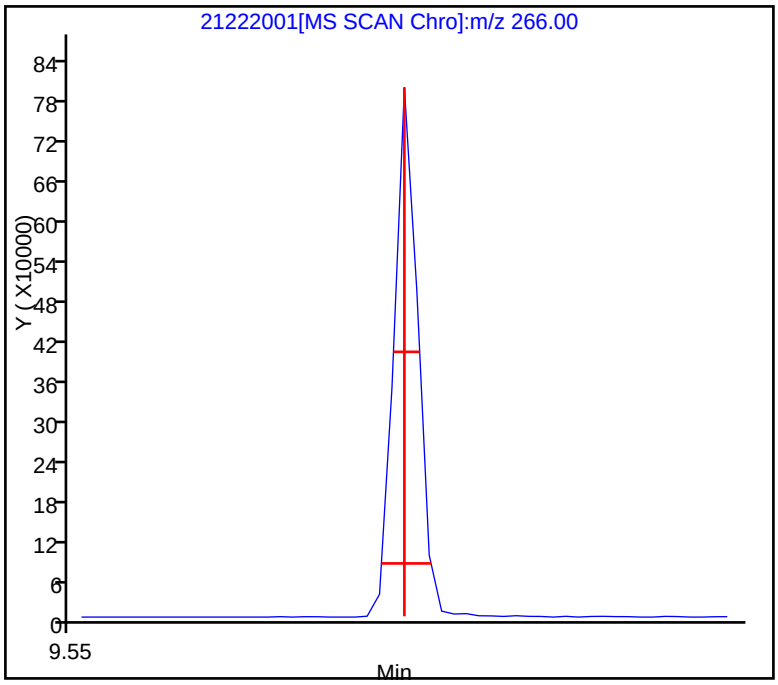
Report Date: 24-Dec-2012 10:24:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121222-16124.b\21222001.D		
Injection Date:	22-Dec-2012 11:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69908	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.2, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	29-Dec-2012 11:01:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0016269-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	70566	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\8270 _9.m		
Last Update:	31-Dec-2012 10:35:56	Calib Date:	21-Dec-2012 20:45:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK007		
First Level Reviewer: ulmanm		Date:	29-Dec-2012 11:35:46

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.612	9.612	0.0	75	393999	0	
150 DFTPP								
160 Benzidine	184	10.916	10.916	0.0	88	2622217	0	
166 4,4'-DDE	246		11.116					9
165 4,4'-DDD	235	11.450	11.450	0.0	1	2435	0	
170 4,4'-DDT	235	11.738	11.738	0.0	96	1224365	0	

QC Flag Legend

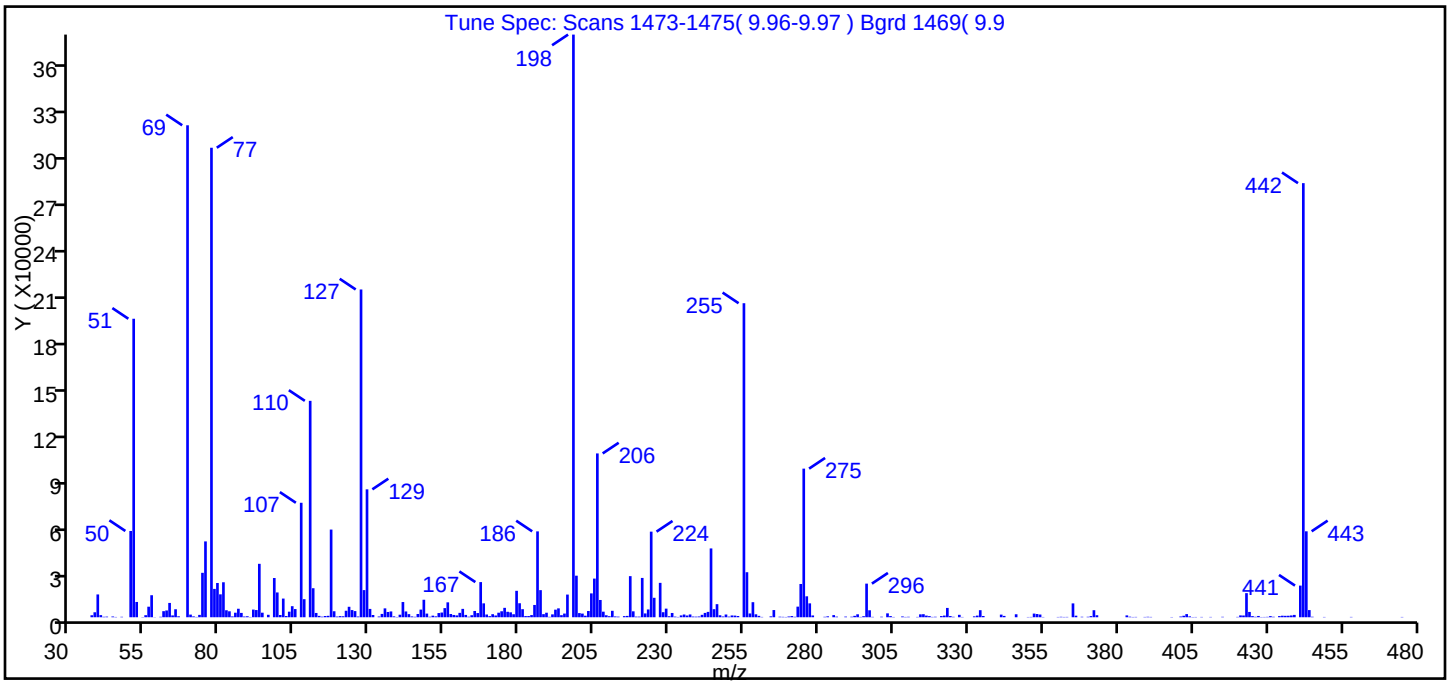
Processing Flags
9 - Failed A Reference Spectral Test

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229001.D		
Injection Date:	29-Dec-2012 11:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

150 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	51.23
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	84.43
70	Less than 2.00% of mass 69	0.46 (0.54)
127	25.00 - 75.00% of mass 198	56.26
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.13
275	10.00 - 30.00% of mass 198	25.51
365	Greater than 0.75% of mass 198	2.38
441	Present, but less than mass 443%	5.43 (36.82)
442	40.00 - 110.00% of mass 198	74.50
443	15.00 - 24.00% of mass 442	14.75 (19.80)

Report Date: 31-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229001.D\8270 _9.rslt\spectra.d
Injection Date: 29-Dec-2012 11:01:30
Spectrum: Tune Spec: Scans 1473-1475(9.96-9.97) Bgrd 1469(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 323

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1295	131.00	1461	215.00	734	315.00	1983
38.00	3216	133.00	486	216.00	880	316.00	1072
39.00	14763	134.00	2161	217.00	26600	317.00	739
40.00	1386	135.00	5751	218.00	3842	318.00	226
41.00	308	136.00	3416	219.00	418	319.00	324
42.00	413	137.00	3769	220.00	410	321.00	773
44.00	488	138.00	576	221.00	25448	322.00	1078
45.00	200	139.00	186	222.00	2470	323.00	6035
47.00	293	140.00	1647	223.00	5046	324.00	767
50.00	55824	141.00	9848	224.00	55400	325.00	289
51.00	193152	142.00	3753	225.00	12591	327.00	1577
52.00	9892	143.00	2016	227.00	22256	328.00	193
54.00	167	144.00	534	228.00	3262	332.00	583
55.00	1329	145.00	302	229.00	5576	333.00	1071
56.00	6830	146.00	2117	230.00	661	334.00	4571
57.00	14256	147.00	4955	231.00	2767	335.00	811
58.00	111	148.00	11326	232.00	412	341.00	1711
60.00	302	149.00	2368	233.00	202	342.00	870
61.00	3938	150.00	346	234.00	1199	346.00	1934
62.00	4393	151.00	1031	235.00	1769	350.00	181
63.00	9269	152.00	578	236.00	1127	351.00	221
64.00	1188	153.00	2723	237.00	1810	352.00	2374
65.00	5180	154.00	3048	238.00	456	353.00	2093
66.00	611	155.00	5917	239.00	388	354.00	1764
69.00	318336	156.00	9655	240.00	503	355.00	187
70.00	1716	157.00	2099	241.00	1567	360.00	197
71.00	555	158.00	1483	242.00	2811	361.00	293
72.00	206	159.00	1205	243.00	3472	362.00	200
73.00	1533	160.00	2844	244.00	44536	363.00	229
74.00	28752	161.00	5422	245.00	5226	365.00	8972
75.00	49080	162.00	1508	246.00	8466	366.00	1009
77.00	303808	163.00	355	247.00	1295	368.00	316
78.00	18352	164.00	1311	248.00	498	370.00	310

Report Date: 31-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229001.D\8270 _9.rslt\spectra.d
Injection Date: 29-Dec-2012 11:01:30
Spectrum: Tune Spec: Scans 1473-1475(9.96-9.97) Bgrd 1469(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 323

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	22168	165.00	4063	249.00	1779	371.00	742
80.00	14830	166.00	2716	250.00	418	372.00	4554
81.00	22640	167.00	22752	251.00	1159	373.00	1301
82.00	4533	168.00	8996	252.00	1070	383.00	1206
83.00	3857	169.00	1777	253.00	802	384.00	369
84.00	533	170.00	717	255.00	203200	385.00	191
85.00	2937	171.00	1981	256.00	29144	386.00	229
86.00	5503	172.00	1128	257.00	2456	389.00	207
87.00	2817	173.00	2939	258.00	9748	390.00	301
88.00	469	174.00	3874	259.00	1916	391.00	222
89.00	651	175.00	6091	260.00	900	398.00	171
90.00	184	176.00	3536	261.00	221	401.00	481
91.00	4964	177.00	3178	264.00	586	402.00	968
92.00	4660	178.00	1954	265.00	4658	403.00	2038
93.00	34576	179.00	17104	267.00	352	404.00	586
94.00	2951	180.00	9061	268.00	270	405.00	170
96.00	1595	181.00	5222	269.00	190	406.00	194
98.00	25392	182.00	759	270.00	499	408.00	216
99.00	16055	183.00	787	271.00	767	411.00	214
100.00	1464	184.00	1404	272.00	303	415.00	289
101.00	12091	185.00	7957	273.00	6870	420.00	237
102.00	791	186.00	55576	274.00	21528	421.00	1203
103.00	3612	187.00	17544	275.00	96168	422.00	1135
104.00	7160	188.00	2017	276.00	13560	423.00	15598
105.00	5300	189.00	2932	277.00	8992	424.00	3441
107.00	74080	190.00	279	278.00	1155	425.00	731
108.00	11699	191.00	1868	282.00	299	426.00	307
110.00	140032	192.00	4919	283.00	598	427.00	835
111.00	18784	193.00	5754	285.00	1388	428.00	178
112.00	2784	194.00	1353	286.00	401	429.00	197
113.00	883	195.00	2389	289.00	428	430.00	258
114.00	385	196.00	14680	291.00	356	431.00	730
115.00	811	198.00	377024	292.00	914	432.00	317
116.00	932	199.00	26896	293.00	1911	434.00	772

Report Date: 31-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229001.D\8270 _9.rslt\spectra.d
Injection Date: 29-Dec-2012 11:01:30
Spectrum: Tune Spec: Scans 1473-1475(9.96-9.97) Bgrd 1469(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 323

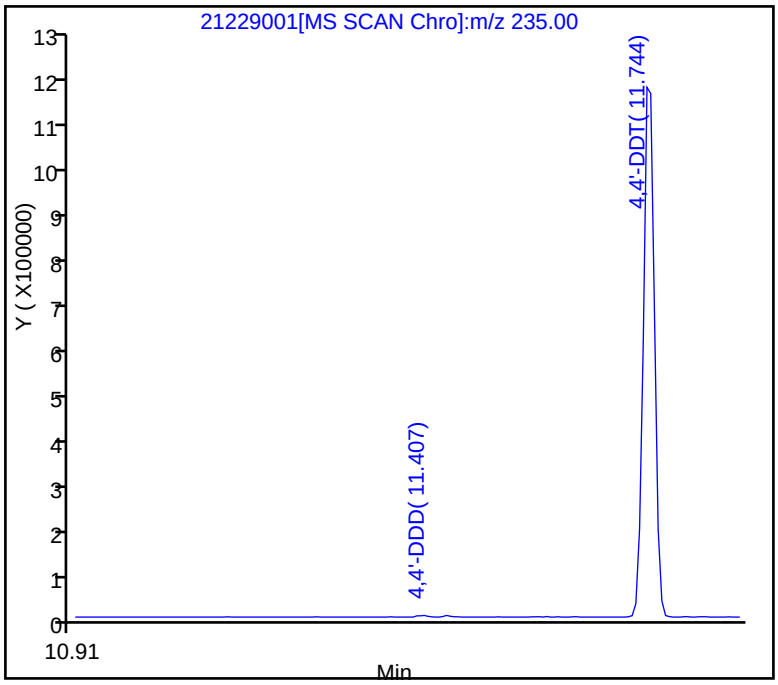
m/z	Y	m/z	Y	m/z	Y	m/z	Y
117.00	56744	200.00	2694	294.00	218	435.00	990
118.00	3888	201.00	2377	295.00	680	436.00	930
119.00	458	202.00	1004	296.00	21760	437.00	971
120.00	733	203.00	4050	297.00	4518	438.00	1167
121.00	638	204.00	15444	298.00	251	439.00	1514
122.00	4201	205.00	25016	301.00	356	441.00	20480
123.00	6776	206.00	106008	303.00	2525	442.00	280896
124.00	4643	207.00	11175	304.00	756	443.00	55616
125.00	3982	208.00	3610	305.00	195	444.00	4638
126.00	483	209.00	1290	308.00	514	445.00	334
127.00	212096	210.00	685	309.00	212	449.00	199
128.00	17568	211.00	4175	310.00	309	458.00	222
129.00	82768	212.00	522	313.00	223	475.00	203
130.00	5396	213.00	400	314.00	1888		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229001.D		
Injection Date:	29-Dec-2012 11:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

170 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

170 4,4'-DDT, Area = 1224365
165 4,4'-DDD, Area = 2435
166 4,4'-DDE, Area = 0

%Breakdown: 0.20%, Max Limit: 20.00%
Passed

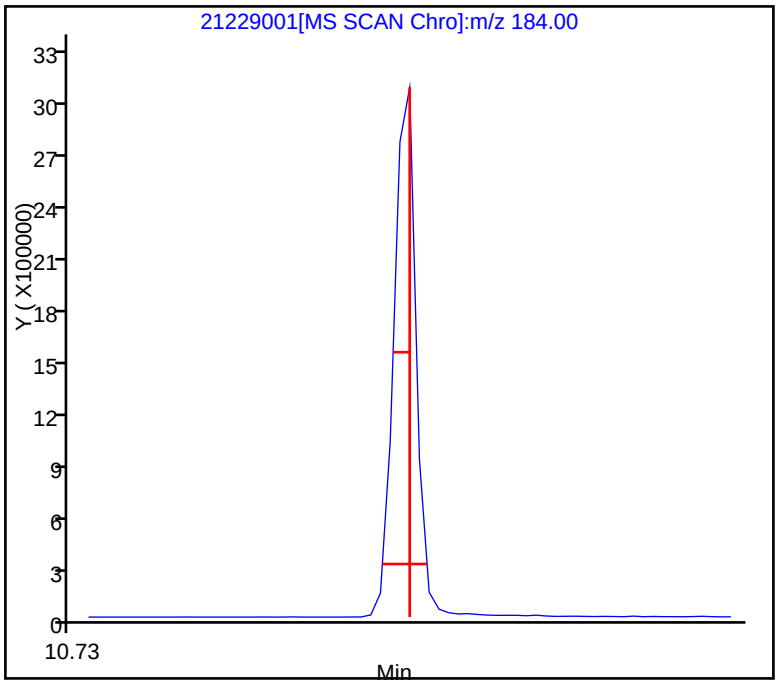
Report Date: 31-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229001.D		
Injection Date:	29-Dec-2012 11:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 0.6, Max. Tailing < 3.00
Passed

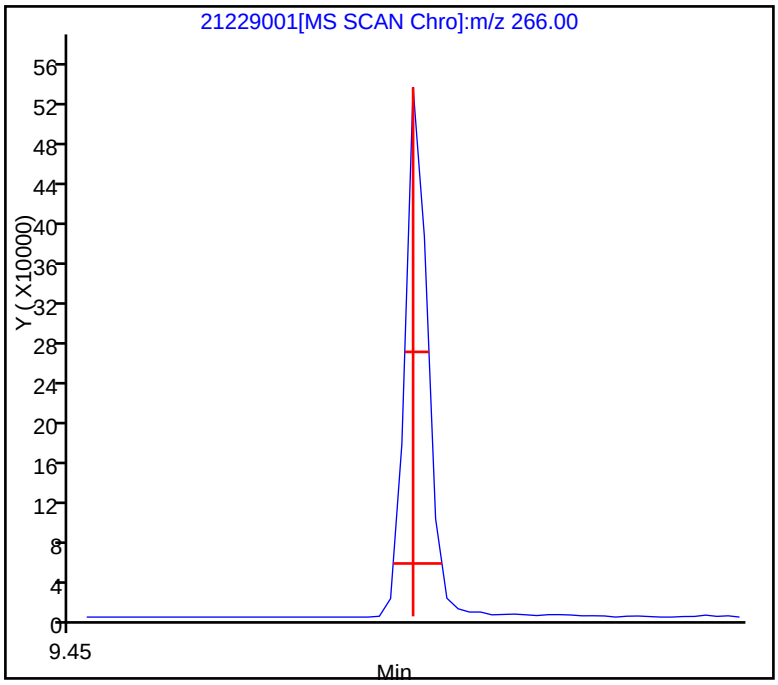
Report Date: 31-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229001.D		
Injection Date:	29-Dec-2012 11:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.014 (min.)
Front Width = 0.009 (min.)

Tailing Factor = 1.4, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	02-Jan-2013 08:18:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0016332-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	70814	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20130102-16332.b\8270 _9.m		
Last Update:	02-Jan-2013 12:30:34	Calib Date:	02-Jan-2013 11:55:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK034		

First Level Reviewer: ulmanm Date: 02-Jan-2013 08:53:00

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.638	9.638	0.0	86	510704	0	
150 DFTPP								
160 Benzidine	184	10.942	10.942	0.0	99	3535126	0	
166 4,4'-DDE	246	11.102	11.102	0.0	1	1269	0	
165 4,4'-DDD	235		11.437					9
170 4,4'-DDT	235	11.775	11.775	0.0	94	1546616	0	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

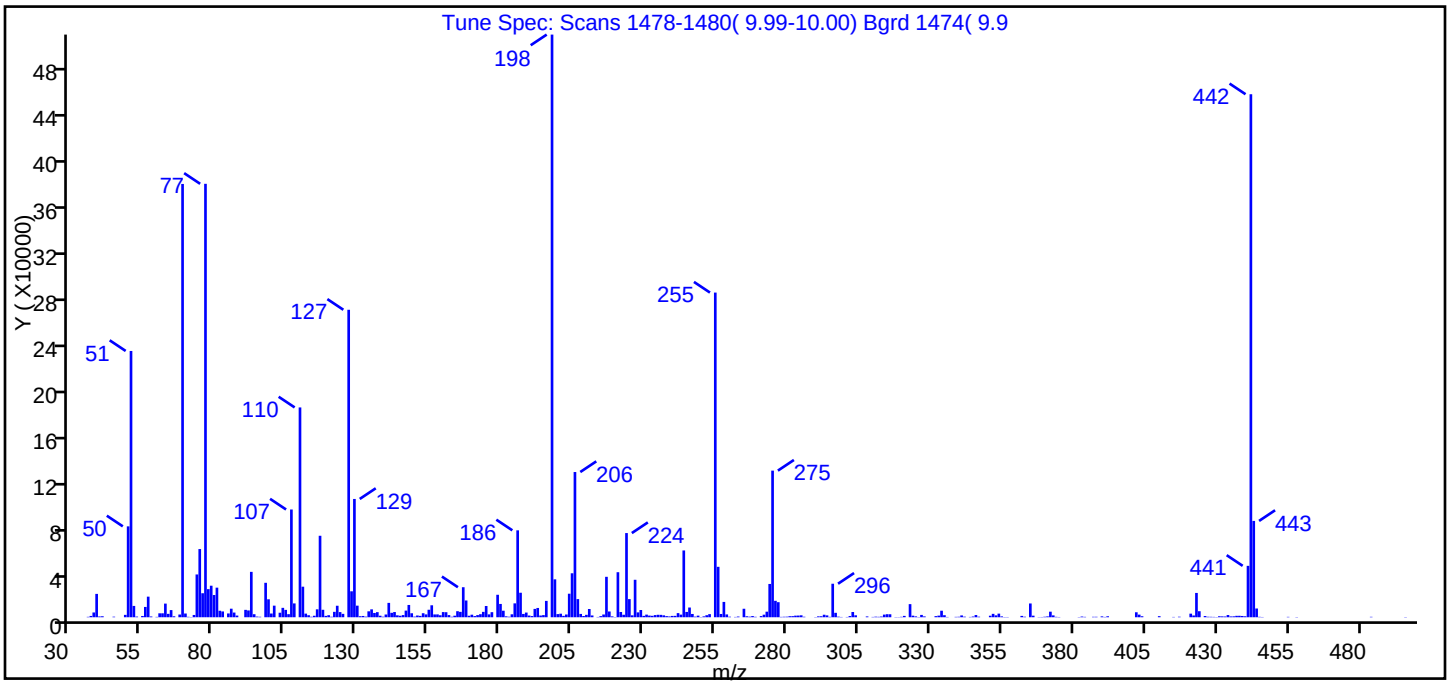
Report Date: 02-Jan-2013 12:30:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102001.D		
Injection Date:	02-Jan-2013 08:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70814	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

150 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	45.70
68	Less than 2.00% of mass 69	0.47 (0.63)
69	Present	74.36
70	Less than 2.00% of mass 69	0.64 (0.86)
127	25.00 - 75.00% of mass 198	52.77
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.51
275	10.00 - 30.00% of mass 198	25.16
365	Greater than 0.75% of mass 198	2.37
441	Present, but less than mass 443%	8.82 (53.37)
442	40.00 - 110.00% of mass 198	89.76
443	15.00 - 24.00% of mass 442	16.53 (18.42)

Report Date: 02-Jan-2013 12:30:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102001.D\8270 _9.rslt\spectra.d
Injection Date: 02-Jan-2013 08:18:30
Spectrum: Tune Spec: Scans 1478-1480(9.99-10.00) Bgrd 1474(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 335

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	357	136.00	3708	223.00	2162	320.00	380
37.00	1135	137.00	4406	224.00	72720	321.00	1177
38.00	4130	138.00	1315	225.00	15666	323.00	11335
39.00	20184	139.00	478	226.00	1658	324.00	1352
40.00	703	140.00	2375	227.00	32368	325.00	751
41.00	859	141.00	12415	228.00	4212	326.00	224
45.00	490	142.00	3837	229.00	6261	327.00	2022
49.00	2065	143.00	4507	230.00	1205	328.00	724
50.00	78512	144.00	1672	231.00	2272	332.00	980
51.00	230016	145.00	1290	232.00	1447	333.00	1393
52.00	9785	146.00	1875	233.00	1256	334.00	5643
53.00	595	147.00	5736	234.00	1874	335.00	1769
55.00	1101	148.00	10623	235.00	2130	336.00	268
56.00	8907	149.00	3451	236.00	2068	339.00	345
57.00	17800	150.00	573	237.00	1648	340.00	422
58.00	661	151.00	1518	238.00	973	341.00	1579
60.00	323	152.00	1198	239.00	706	342.00	518
61.00	3405	153.00	3480	240.00	1158	344.00	286
62.00	3422	154.00	2458	241.00	1212	345.00	632
63.00	11792	155.00	6484	242.00	3570	346.00	1922
64.00	2947	156.00	10338	243.00	2264	347.00	496
65.00	6187	157.00	2441	244.00	57704	351.00	1321
66.00	829	158.00	2464	245.00	4596	352.00	2949
68.00	2358	159.00	1726	246.00	8410	353.00	1631
69.00	374272	160.00	4469	247.00	2847	354.00	3129
70.00	3231	161.00	4360	248.00	538	355.00	750
71.00	374	162.00	1871	249.00	1393	356.00	224
72.00	205	163.00	437	250.00	207	357.00	229
73.00	1981	164.00	1340	251.00	767	362.00	1171
74.00	36968	165.00	5232	252.00	1756	363.00	468
75.00	58912	166.00	4660	253.00	2693	365.00	11909
76.00	20752	167.00	25944	255.00	280448	366.00	1353
77.00	374400	168.00	14490	256.00	43568	368.00	181

Report Date: 02-Jan-2013 12:30:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102001.D\8270 _9.rslt\spectra.d
Injection Date: 02-Jan-2013 08:18:30
Spectrum: Tune Spec: Scans 1478-1480(9.99-10.00) Bgrd 1474(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 335

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	24280	169.00	1307	257.00	2841	369.00	232
79.00	27248	170.00	2207	258.00	13244	370.00	442
80.00	19208	171.00	1021	259.00	2445	371.00	723
81.00	25560	172.00	1871	260.00	495	372.00	4817
82.00	5623	173.00	2637	262.00	282	373.00	1614
83.00	5016	174.00	4653	263.00	620	374.00	365
85.00	3281	175.00	9725	265.00	7347	375.00	238
86.00	7396	176.00	2481	266.00	846	382.00	216
87.00	4062	177.00	4376	267.00	509	383.00	612
88.00	1462	179.00	19416	268.00	1027	384.00	346
91.00	6388	180.00	11496	269.00	395	387.00	396
92.00	5889	181.00	5641	271.00	1004	388.00	407
93.00	39216	182.00	794	272.00	2218	390.00	752
94.00	2621	183.00	462	273.00	4817	391.00	269
95.00	576	184.00	2556	274.00	28760	392.00	852
96.00	414	185.00	11998	275.00	126648	402.00	4309
98.00	29760	186.00	75080	276.00	14213	403.00	2271
99.00	15513	187.00	21176	277.00	13013	404.00	876
100.00	3230	188.00	2867	278.00	325	410.00	939
101.00	10019	189.00	4057	279.00	432	415.00	280
103.00	3911	190.00	1480	280.00	487	417.00	466
104.00	8134	191.00	1038	281.00	918	421.00	3103
105.00	6372	192.00	7218	282.00	960	422.00	1535
106.00	2671	193.00	8033	283.00	1385	423.00	21000
107.00	93080	194.00	1490	284.00	1455	424.00	5208
108.00	11953	195.00	1856	285.00	1672	426.00	1063
110.00	181248	196.00	14132	286.00	435	427.00	437
111.00	26400	198.00	503296	290.00	216	428.00	382
112.00	3130	199.00	32752	291.00	781	429.00	312
113.00	1747	200.00	2719	292.00	860	430.00	210
114.00	447	201.00	3067	293.00	2174	431.00	875
115.00	1295	202.00	1221	294.00	1611	432.00	743
116.00	6854	203.00	2386	295.00	350	433.00	651
117.00	70384	204.00	20336	296.00	28960	434.00	1916

Report Date: 02-Jan-2013 12:30:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102001.D\8270 _9.rslt\spectra.d
Injection Date: 02-Jan-2013 08:18:30
Spectrum: Tune Spec: Scans 1478-1480(9.99-10.00) Bgrd 1474(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 335

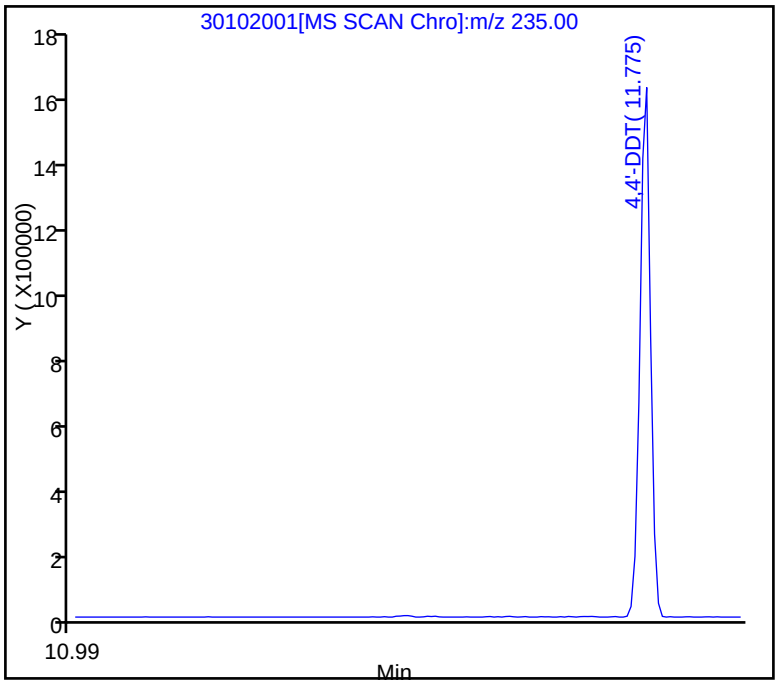
m/z	Y	m/z	Y	m/z	Y	m/z	Y
118.00	6459	205.00	37984	297.00	3835	435.00	709
119.00	1191	206.00	125448	298.00	530	436.00	794
120.00	1772	207.00	15680	299.00	259	437.00	1243
121.00	442	208.00	2880	301.00	252	438.00	1263
122.00	4678	209.00	1075	302.00	1038	439.00	1105
123.00	9941	210.00	2096	303.00	4529	440.00	837
124.00	4455	211.00	7126	304.00	1683	441.00	44408
125.00	2936	212.00	1539	308.00	721	442.00	451776
127.00	265600	214.00	257	310.00	287	443.00	83208
128.00	22424	215.00	980	311.00	496	444.00	7558
129.00	102184	216.00	2377	312.00	382	445.00	366
130.00	10017	217.00	34936	313.00	632	446.00	237
131.00	907	218.00	4982	314.00	2290	455.00	344
132.00	1114	219.00	755	315.00	2623	458.00	220
133.00	534	220.00	215	316.00	2583	484.00	375
134.00	5129	221.00	38912	318.00	199	496.00	219
135.00	6830	222.00	4546	319.00	190		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102001.D		
Injection Date:	02-Jan-2013 08:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70814	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

170 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

170 4,4'-DDT, Area = 1546616
165 4,4'-DDD, Area = 0
166 4,4'-DDE, Area = 1269

%Breakdown: 0.08%, Max Limit: 20.00%
Passed

Report Date: 02-Jan-2013 12:30:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

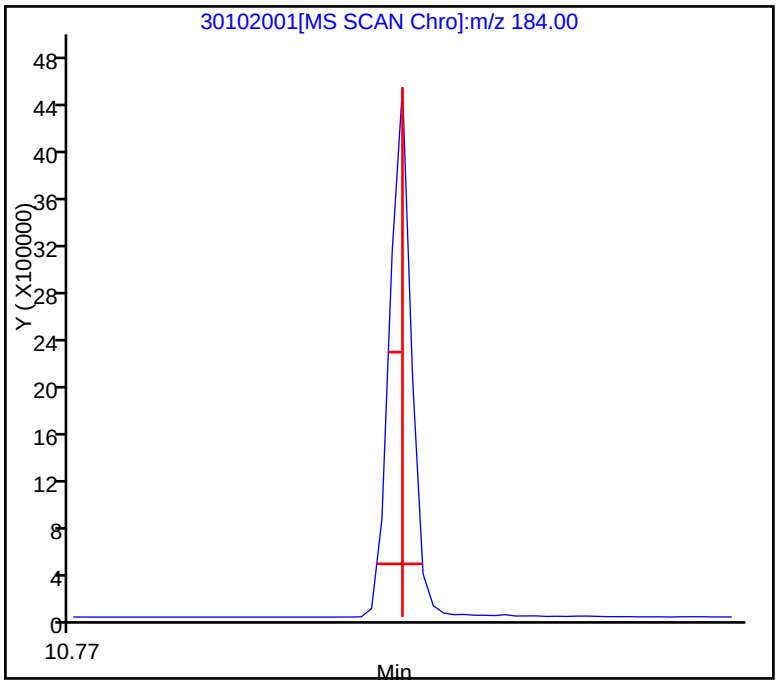
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102001.D

Injection Date:	02-Jan-2013 08:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70814	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 0.8, Max. Tailing < 3.00
Passed

Report Date: 02-Jan-2013 12:30:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

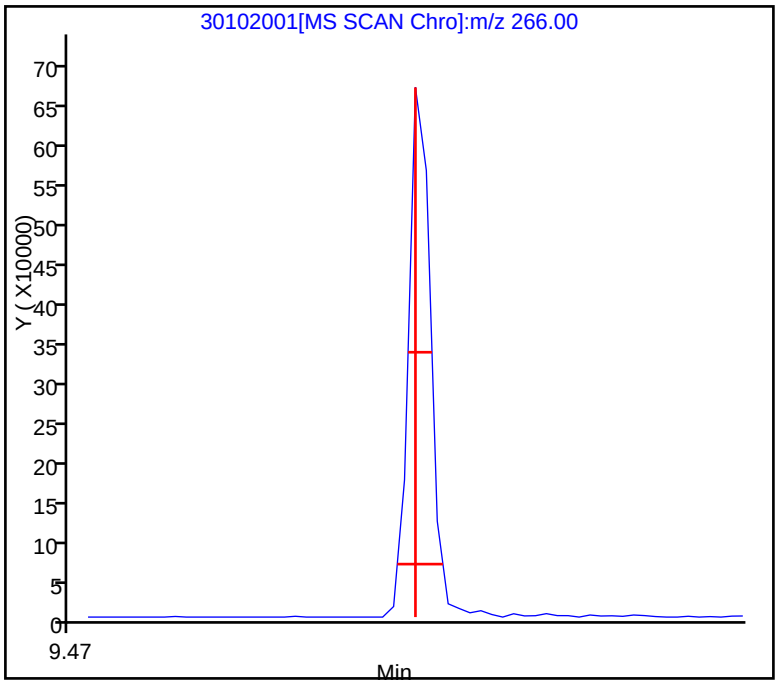
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102001.D

Injection Date:	02-Jan-2013 08:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70814	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.009 (min.)

Tailing Factor = 1.5, Max. Tailing < 5.00
Passed

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69176/23-A

Matrix: Solid | Lab File ID: 21223004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30(g) | Date Analyzed: 12/23/2012 11:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	30.9	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69176/23-A

Matrix: Solid | Lab File ID: 21223004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30(g) | Date Analyzed: 12/23/2012 11:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69176/23-A

Matrix: Solid | Lab File ID: 21223004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30(g) | Date Analyzed: 12/23/2012 11:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	57		45-105
367-12-4	2-Fluorophenol (Surr)	73		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	57		35-100
4165-62-2	Phenol-d5 (Surr)	72		40-100
1718-51-0	Terphenyl-d14 (Surr)	68		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	61		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223004.D
Lims ID: MB 240-69176/23-A
Client ID:
Inject. Date: 23-Dec-2012 11:48:30
Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016131-004
Misc. Info.: MB 240-69176/23-A
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 4
Lims Batch ID: 69932
Lims Sample ID: 4
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj
Date: 23-Dec-2012 12:26:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.880	5.886	-0.006	97	217344	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	100	856878	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	92	511390	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	814685	4.00	
* 5 Chrysene-d12	240	12.272	12.272	0.0	98	824049	4.00	
* 6 Perylene-d12	264	14.320	14.320	0.0	96	629691	4.00	
$ 7 2-Fluorophenol	112	4.639	4.629	0.010	93	728783	10.9	
$ 8 Phenol-d5	99	5.527	5.522	0.005	97	964600	10.9	
$ 9 Nitrobenzene-d5	82	6.367	6.367	0.0	93	538491	5.71	
$ 10 2-Fluorobiphenyl (Surr)	172	7.902	7.907	-0.005	100	1050865	5.73	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	93	156320	9.09	
$ 12 Terphenyl-d14	244	11.095	11.095	0.0	99	1143354	6.78	
22 3-Methylcatechol	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
21 Octachlorostyrene	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
14 4-Methylcatechol	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
15 Catechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
242 Triphenyl Phosphate TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
24 1,4-Dioxane	88		2.425					9
25 N-Nitrosodimethylamine	74		2.880					
26 Pyridine	79		2.944					9
232 1-Methyl-2-pyrrilidinone	99	3.254	3.271	-0.017	0	464	0	
18 Dimethylformamide	73		3.545					
27 Ethyl methacrylate	69		3.591					
28 3-Chloropropionitrile	54		3.966					
30 2-Picoline	93		4.067					9
31 N-Nitrosomethylethylamine	88		4.201					9
32 Malononitrile	66		4.324					9
33 Acrylamide	71	4.495	4.485	0.010	1	393	0	
34 Methyl methanesulfonate	80		4.522					
29 3-Picoline	93		4.586					
233 n,n'-Dimethylacetamide	44	4.613	4.613	0.0	0	746	0	
35 N-Nitrosodiethylamine	102		4.928					
36 Ethyl methanesulfonate	79		5.217					9
37 2-Methylcyclohexanone	68	5.410	5.426	-0.016	5	65	0	
38 3-Methylcyclohexanone	69	5.458	5.463	-0.005	8	698	0	
40 Benzaldehyde	77		5.485					9
39 4-Methylcyclohexanone	55	5.527	5.511	0.016	45	6809	0	
41 Phenol	94		5.538					9
43 Aniline	93		5.581					9
42 Phenylmercaptan	110		5.581					
44 Bis(2-chloroethyl)ether	93		5.634					9
45 Pentachloroethane	167		5.683					
46 2-Chlorophenol	128		5.688					9
47 1,3-Dichlorobenzene	146		5.832					9
48 1,4-Dichlorobenzene	146		5.896					9
49 Benzyl alcohol	108		5.993					9
50 1,2-Dichlorobenzene	146		6.035					
51 2-Methylphenol	108		6.084					9
52 2,2'-oxybis[1-chloropropane]	45		6.116					9
53 Indene	115		6.159					
191 3 & 4 Methylphenol	108		6.212					
56 N-Nitrosodi-n-propylamine	70		6.228					
57 Acetophenone	105		6.233					9
55 N-Nitrosopyrrolidine	100		6.255					
58 N-Nitrosomorpholine	56		6.287					9
59 2-Toluidine	106		6.308					
60 Hexachloroethane	117		6.335					9
61 Nitrobenzene	77		6.388					9
62 N-Nitrosopiperidine	114		6.560					
63 Isophorone	82		6.592					9
65 2-Nitrophenol	139		6.661					
66 1,3,5-Trichlorobenzene	180		6.672					
64 2,4-Dimethylphenol	107		6.677					
69 Benzoic acid	122		6.741					
68 Bis(2-chloroethoxy)methane	93		6.768					
67 o,o',o''-Triethylphosphorothioat	198		6.779					
71 2,4-Dichlorophenol	162		6.864					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.886					
72 1,2,4-Trichlorobenzene	180		6.945					
73 Naphthalene	128		7.020					9
74 4-Chloroaniline	127		7.052					
75 2,6-Dichlorophenol	162		7.100					
77 Hexachlorobutadiene	225		7.116					
76 Hexachloropropene	213		7.132					
78 1,2,3-Trichlorobenzene	180		7.137					
79 Benzothiazole	135		7.277					9
83 Caprolactam	113		7.335					
80 Quinoline	129		7.341					
81 N-Nitrosodi-n-butylamine	84		7.362					9
82 p-Phenylene diamine	108		7.389					
84 4-Chloro-3-methylphenol	107		7.442					9
93 Safrole, Total	162		7.560					
85 2-Methylnaphthalene	142		7.603					
86 1-Methylnaphthalene	142		7.688					
87 1,2,3,5-Tetrachlorobenzene	216		7.731					
88 Hexachlorocyclopentadiene	237		7.736					
89 1,2,4,5-Tetrachlorobenzene	216		7.785					
225 Isosafrole Peak 1	162		7.806					
90 2,4,6-Trichlorophenol	196		7.833					
91 2,4,5-Trichlorophenol	196		7.865					
94 2,4-Toluene diamine	121		7.977					9
96 1,2,3,4 -Tetrachlorobenzene	216		7.988					9
95 1,1'-Biphenyl	154		7.993					
227 Isosafrole Peak 2	162		7.993					
98 2-Chloronaphthalene	162		8.020					
97 3,4-Dichloronitrobenzene	109		8.063					9
100 2-Nitroaniline	65		8.095					9
99 Phenyl ether	170		8.122					
101 1,4-Naphthoquinone	158		8.202					
103 Dimethyl phthalate	163		8.234					
102 1,4-Dinitrobenzene	168		8.245					
105 2,6-Dinitrotoluene	165		8.287					
104 1,3-Dinitrobenzene	168		8.303					
106 1,2-Dinitrobenzene	168		8.341					
107 Acenaphthylene	152		8.373					
108 3-Nitroaniline	138		8.437					
110 Acenaphthene	153		8.517					
109 2,4-Dinitrophenol	184		8.523					
111 4-Nitrophenol	109		8.549					9
112 2,4-Dinitrotoluene	165		8.630					
114 Dibenzofuran	168		8.662					9
113 Pentachlorobenzene	250		8.667					
115 2,3,5,6-Tetrachlorophenol	232		8.720					
116 1-Naphthylamine	143		8.769					
117 2,3,4,6-Tetrachlorophenol	232		8.796					
119 Diethyl phthalate	149		8.822					9
118 2-Naphthylamine	143		8.833					
120 Thionazin	97		8.935					
121 4-Chlorophenyl phenyl ether	204		8.940					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166		8.950					
123 4-Nitroaniline	138		8.950					
126 4,6-Dinitro-2-methylphenol	198		8.972					
122 N-Nitro-o-toluidine	152		8.988					
125 Tributyl phosphate	99		9.025					9
130 N-Nitrosodiphenylamine	169		9.031					
131 Azobenzene	77		9.073					
129 1,2-Diphenylhydrazine	77		9.073					
128 Diphenylamine	169		9.074					9
132 Sulfotepp	202		9.186					
133 1,3,5-Trinitrobenzene	213		9.272					
228 Diallate Peak 1	86		9.309					
135 Phenacetin	108		9.314					
136 Phorate	121		9.320					
137 4-Bromophenyl phenyl ether	248		9.352					
230 Diallate Peak 2	86		9.389					
139 Hexachlorobenzene	284		9.416					
140 Atrazine	200		9.464					
138 Dimethoate	87		9.464					
141 Pentachlorophenol	266		9.571					
127 4-Aminobiphenyl	169		9.614					
143 Pentachloronitrobenzene	237		9.630					
142 Pronamide	173		9.641					
145 Dinoseb	211		9.753					
144 Disulfoton	88		9.758					9
146 Phenanthrene	178		9.769					9
147 Anthracene	178		9.812					9
149 Carbazole	167		9.935					
150 Methyl parathion	109		10.079					9
151 Di-n-butyl phthalate	149		10.191					
152 Diphenylsulfone	125		10.250					
153 Ethyl Parathion	97		10.400					9
154 4-Nitroquinoline-1-oxide	190		10.454					
155 Methapyrilene	58		10.496					
156 Isodrin	66		10.694					9
157 Fluoranthene	202		10.769					
158 Benzidine	184		10.865					9
160 Pyrene	202		10.978					9
164 4,4'-DDE	246		11.036					9
226 Aramite Peak 1	185		11.095					
229 Aramite Peak 2	185		11.170					
161 p-Dimethylamino azobenzene	225		11.277					
162 Chlorobenzilate	139		11.309					
163 4,4'-DDD	235		11.400					9
166 Butyl benzyl phthalate	149		11.566					
165 Famphur	218		11.566					
167 3,3'-Dimethylbenzidine	212		11.625					
168 4,4'-DDT	235		11.684					
169 2-Acetylaminofluorene	181		11.908					
170 3,3'-Dimethoxybenzidine	244		12.165					
172 4,4'-Methylene bis(2-chloroanili	231		12.208					9
173 3,3'-Dichlorobenzidine	252		12.208					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
171 Bis(2-ethylhexyl) phthalate	149	12.229	12.229	0.0	95	45750	0.4638	
175 Benzo[a]anthracene	228		12.256					9
176 Chrysene	228		12.304					9
174 Hexabromobenzene	232		12.383					
177 6-Methylchrysene	242		12.973					
178 Di-n-octyl phthalate	149		13.128					
180 Benzo[b]fluoranthene	252		13.743					9
181 Benzo[k]fluoranthene	252		13.786					9
179 7,12-Dimethylbenz(a)anthracene	256		13.807					
182 Benzo[a]pyrene	252		14.240					
183 3-Methylcholanthrene	268		14.850					9
184 Dibenz[a,j]acridine	279		15.695					
185 Dibenz[a,h]acridine	279		15.765					
186 Indeno[1,2,3-cd]pyrene	276		15.963					
187 Dibenz(a,h)anthracene	278		15.989					
188 Benzo[g,h,i]perylene	276		16.396					
S 189 Methyl Phenols,Total	100		0.000					7
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.019	3.050	-0.031	1	75	0	
T 194 Octadecane (TIC)	254	6.281	6.300	-0.019	1	64	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

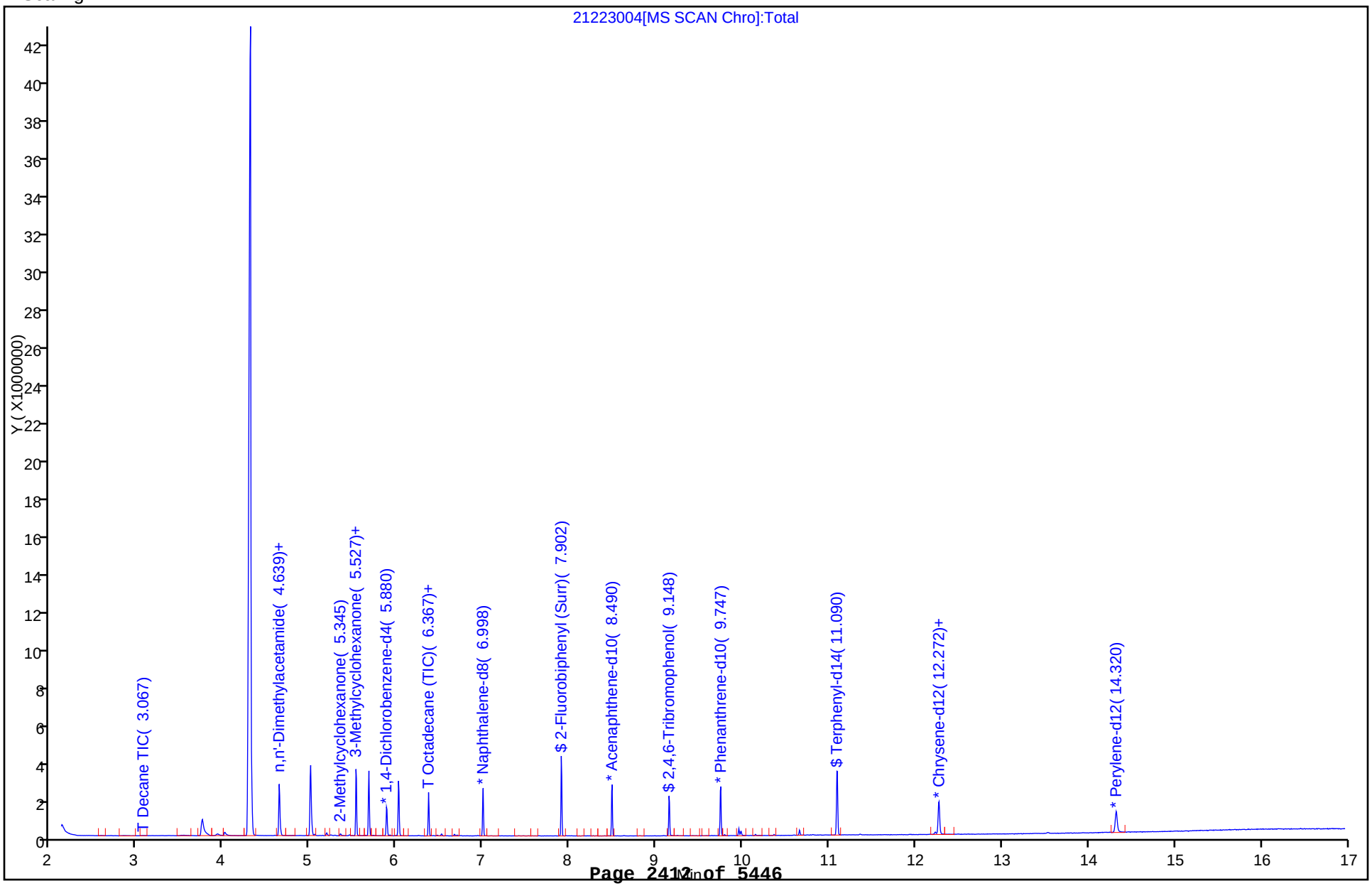
Report Date: 24-Dec-2012 12:29:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223004.D

Injection Date:	23-Dec-2012 11:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



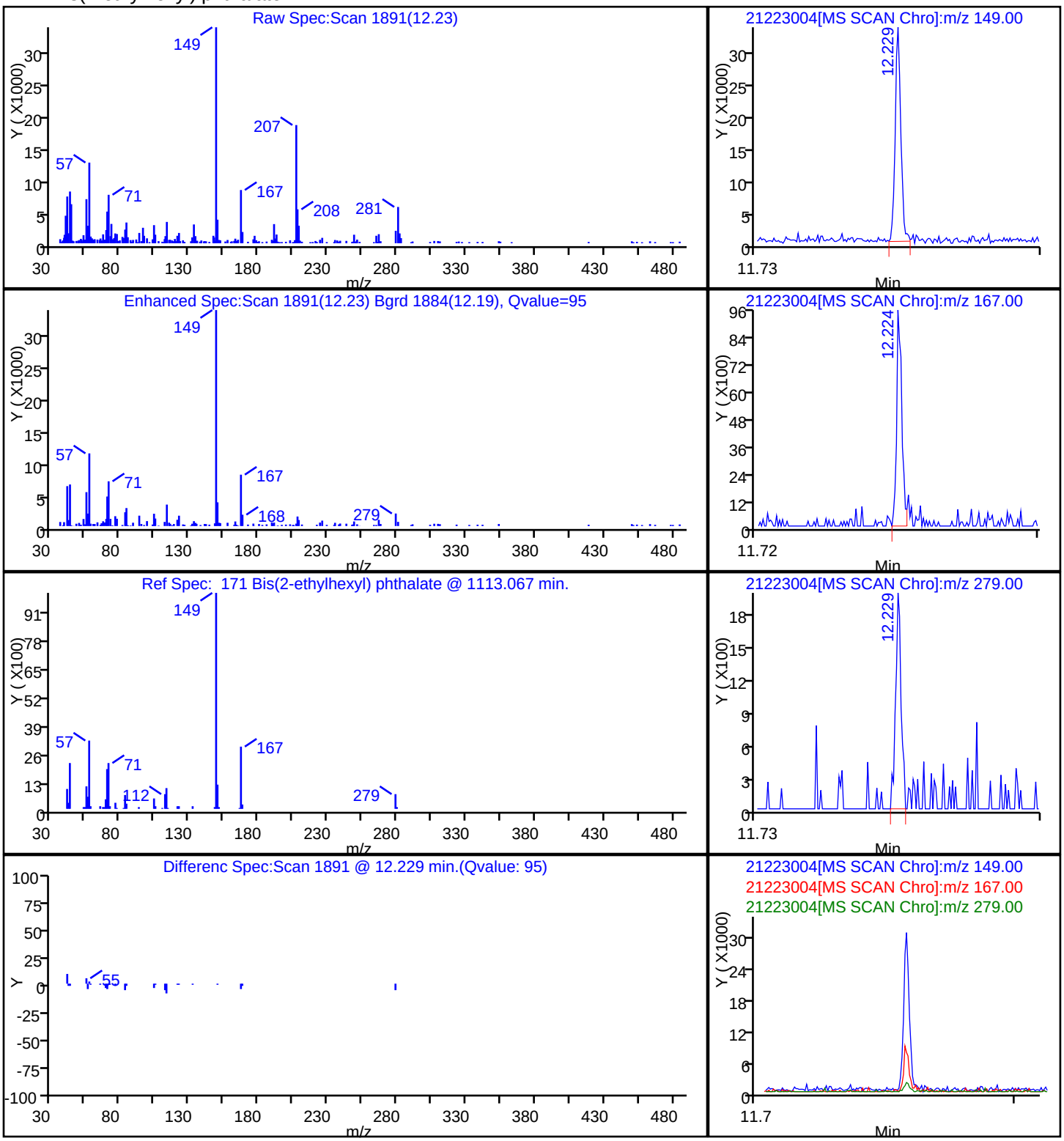
Report Date: 24-Dec-2012 12:29:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223004.D

Injection Date:	23-Dec-2012 11:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69185/20-A

Matrix: Solid | Lab File ID: 21224004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30(g) | Date Analyzed: 12/24/2012 10:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	21.2	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69185/20-A

Matrix: Solid | Lab File ID: 21224004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30(g) | Date Analyzed: 12/24/2012 10:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69185/20-A

Matrix: Solid | Lab File ID: 21224004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30(g) | Date Analyzed: 12/24/2012 10:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	61		45-105
367-12-4	2-Fluorophenol (Surr)	78		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	62		35-100
4165-62-2	Phenol-d5 (Surr)	79		40-100
1718-51-0	Terphenyl-d14 (Surr)	74		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	67		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224004.D
Lims ID: MB 240-69185/20-A
Client ID:
Inject. Date: 24-Dec-2012 10:01:30
Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016144-004
Misc. Info.: MB 240-69185/20-A
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 4
Lims Batch ID: 69977
Lims Sample ID: 4
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj
Date: 24-Dec-2012 10:27:34

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.873	5.873	0.0	96	208607	4.00	
* 2 Naphthalene-d8	136	6.991	6.991	0.0	100	829664	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	90	496932	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	780669	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	98	802539	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	96	600244	4.00	
$ 7 2-Fluorophenol	112	4.627	4.616	0.011	94	750532	11.7	
$ 8 Phenol-d5	99	5.520	5.515	0.005	96	1006863	11.8	
$ 9 Nitrobenzene-d5	82	6.360	6.360	0.0	94	563328	6.16	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	100	1081390	6.07	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	89	168047	10.1	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	98	1217659	7.42	
23 Octachlorocyclopentene	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
15 Catechol	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
21 Octachlorostyrene	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
14 4-Methylcatechol	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
24 1,4-Dioxane	88		2.402					9
25 N-Nitrosodimethylamine	74		2.851					
26 Pyridine	79		2.910					9
232 1-Methyl-2-pyrrilidinone	99	3.274	3.271	0.003	0	174	0	
18 Dimethylformamide	73		3.545					
27 Ethyl methacrylate	69		3.568					
28 3-Chloropropionitrile	54		3.953					
30 2-Picoline	93		4.067					
31 N-Nitrosomethylethylamine	88		4.201					9
32 Malononitrile	66		4.311					9
33 Acrylamide	71	4.504	4.485	0.019	28	216	0	
34 Methyl methanesulfonate	80		4.522					
29 3-Picoline	93		4.586					
233 n,n'-Dimethylacetamide	44	4.627	4.613	0.014	0	3337	0	
35 N-Nitrosodiethylamine	102		4.928					9
36 Ethyl methanesulfonate	79		5.217					
37 2-Methylcyclohexanone	68	5.419	5.426	-0.007	1	188	0	
38 3-Methylcyclohexanone	69	5.467	5.463	0.004	1	190	0	
40 Benzaldehyde	77		5.477					9
39 4-Methylcyclohexanone	55	5.520	5.511	0.009	45	7582	0	
41 Phenol	94		5.531					9
43 Aniline	93		5.574					9
42 Phenylmercaptan	110		5.581					
44 Bis(2-chloroethyl)ether	93		5.627					9
46 2-Chlorophenol	128		5.681					9
45 Pentachloroethane	167		5.683					
47 1,3-Dichlorobenzene	146		5.825					
48 1,4-Dichlorobenzene	146		5.889					
49 Benzyl alcohol	108		5.985					9
50 1,2-Dichlorobenzene	146		6.028					
51 2-Methylphenol	108		6.076					9
52 2,2'-oxybis[1-chloropropane]	45		6.108					
53 Indene	115		6.159					9
191 3 & 4 Methylphenol	108		6.205					
56 N-Nitrosodi-n-propylamine	70		6.221					9
57 Acetophenone	105		6.226					9
55 N-Nitrosopyrrolidine	100		6.255					
58 N-Nitrosomorpholine	56		6.287					9
59 2-Toluidine	106		6.308					
60 Hexachloroethane	117		6.328					
61 Nitrobenzene	77		6.376					
62 N-Nitrosopiperidine	114		6.560					
63 Isophorone	82		6.579					
65 2-Nitrophenol	139		6.654					
66 1,3,5-Trichlorobenzene	180		6.665					
64 2,4-Dimethylphenol	107		6.670					
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93		6.756					
67 o,o',o''-Triethylphosphorothioat	198		6.779					
71 2,4-Dichlorophenol	162		6.857					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.886					
72 1,2,4-Trichlorobenzene	180		6.937					
73 Naphthalene	128		7.007					9
74 4-Chloroaniline	127		7.039					
75 2,6-Dichlorophenol	162		7.100					
77 Hexachlorobutadiene	225		7.103					
78 1,2,3-Trichlorobenzene	180		7.130					
76 Hexachloropropene	213		7.132					
79 Benzothiazole	135		7.277					9
83 Caprolactam	113		7.323					9
80 Quinoline	129		7.341					
81 N-Nitrosodi-n-butylamine	84		7.362					
82 p-Phenylene diamine	108		7.389					9
84 4-Chloro-3-methylphenol	107		7.435					
93 Safrole, Total	162		7.560					
85 2-Methylnaphthalene	142		7.595					
86 1-Methylnaphthalene	142		7.681					
87 1,2,3,5-Tetrachlorobenzene	216		7.724					
88 Hexachlorocyclopentadiene	237		7.724					
89 1,2,4,5-Tetrachlorobenzene	216		7.785					
225 Isosafrole Peak 1	162		7.806					
90 2,4,6-Trichlorophenol	196		7.825					
91 2,4,5-Trichlorophenol	196		7.852					
94 2,4-Toluene diamine	121		7.964					9
96 1,2,3,4 -Tetrachlorobenzene	216		7.975					9
95 1,1'-Biphenyl	154		7.986					
227 Isosafrole Peak 2	162		7.993					
98 2-Chloronaphthalene	162		8.013					
97 3,4-Dichloronitrobenzene	109		8.063					9
100 2-Nitroaniline	65		8.082					
99 Phenyl ether	170		8.122					
101 1,4-Naphthoquinone	158		8.202					
103 Dimethyl phthalate	163		8.221					
102 1,4-Dinitrobenzene	168		8.245					
105 2,6-Dinitrotoluene	165		8.280					
104 1,3-Dinitrobenzene	168		8.303					
106 1,2-Dinitrobenzene	168		8.328					
107 Acenaphthylene	152		8.366					
108 3-Nitroaniline	138		8.424					
110 Acenaphthene	153		8.510					
109 2,4-Dinitrophenol	184		8.510					
111 4-Nitrophenol	109		8.542					9
112 2,4-Dinitrotoluene	165		8.617					
114 Dibenzofuran	168		8.654					
113 Pentachlorobenzene	250		8.667					
115 2,3,5,6-Tetrachlorophenol	232		8.708					
116 1-Naphthylamine	143		8.769					
117 2,3,4,6-Tetrachlorophenol	232		8.796					
119 Diethyl phthalate	149		8.809					9
118 2-Naphthylamine	143		8.833					
121 4-Chlorophenyl phenyl ether	204		8.927					
120 Thionazin	97		8.935					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138		8.938					
124 Fluorene	166		8.943					
126 4,6-Dinitro-2-methylphenol	198		8.965					
122 N-Nitro-o-toluidine	152		8.988					9
130 N-Nitrosodiphenylamine	169		9.023					
125 Tributyl phosphate	99		9.025					9
131 Azobenzene	77		9.061					
129 1,2-Diphenylhydrazine	77		9.061					
128 Diphenylamine	169		9.074					9
132 Sulfotepp	202		9.186					
133 1,3,5-Trinitrobenzene	213		9.272					
228 Diallate Peak 1	86		9.309					14
135 Phenacetin	108		9.314					
136 Phorate	121		9.320					9
137 4-Bromophenyl phenyl ether	248		9.344					
230 Diallate Peak 2	86		9.389					1
139 Hexachlorobenzene	284		9.403					
140 Atrazine	200		9.457					
138 Dimethoate	87		9.464					
141 Pentachlorophenol	266		9.564					
127 4-Aminobiphenyl	169		9.614					
143 Pentachloronitrobenzene	237		9.630					
142 Pronamide	173		9.641					
145 Dinoseb	211		9.753					
146 Phenanthrene	178		9.756					9
144 Disulfoton	88		9.758					9
147 Anthracene	178		9.799					9
149 Carbazole	167		9.922					9
150 Methyl parathion	109		10.079					
151 Di-n-butyl phthalate	149		10.184					
152 Diphenylsulfone	125		10.250					
153 Ethyl Parathion	97		10.400					
154 4-Nitroquinoline-1-oxide	190		10.454					
155 Methapyrilene	58		10.496					9
156 Isodrin	66		10.694					
157 Fluoranthene	202		10.762					
158 Benzidine	184		10.853					
160 Pyrene	202		10.965					9
164 4,4'-DDE	246		11.019					
226 Aramite Peak 1	185		11.095					
229 Aramite Peak 2	185		11.170					39
161 p-Dimethylamino azobenzene	225		11.277					
162 Chlorobenzilate	139		11.309					9
163 4,4'-DDD	235		11.388					
166 Butyl benzyl phthalate	149		11.548					9
165 Famphur	218		11.566					
167 3,3'-Dimethylbenzidine	212		11.625					
168 4,4'-DDT	235		11.671					9
169 2-Acetylaminofluorene	181		11.908					
170 3,3'-Dimethoxybenzidine	244		12.147					
173 3,3'-Dichlorobenzidine	252		12.184					
172 4,4'-Methylene bis(2-chloroanili	231		12.190					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	93	24674	0.3178	
175 Benzo[a]anthracene	228		12.238					9
176 Chrysene	228		12.286					9
174 Hexabromobenzene	232		12.383					
177 6-Methylchrysene	242		12.973					
178 Di-n-octyl phthalate	149		13.099					9
180 Benzo[b]fluoranthene	252		13.720					
181 Benzo[k]fluoranthene	252		13.757					
179 7,12-Dimethylbenz(a)anthracene	256		13.807					
182 Benzo[a]pyrene	252		14.212					
183 3-Methylcholanthrene	268		14.850					
184 Dibenz[a,j]acridine	279		15.695					
185 Dibenz[a,h]acridine	279		15.765					
186 Indeno[1,2,3-cd]pyrene	276		15.923					
187 Dibenz(a,h)anthracene	278		15.950					
188 Benzo[g,h,i]perylene	276		16.356					
S 189 Methyl Phenols,Total	100		0.000					7
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.092	3.050	0.042	1	213	0	
T 194 Octadecane (TIC)	254	6.296	6.300	-0.004	1	136	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
3 - Failed RT Window Test
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

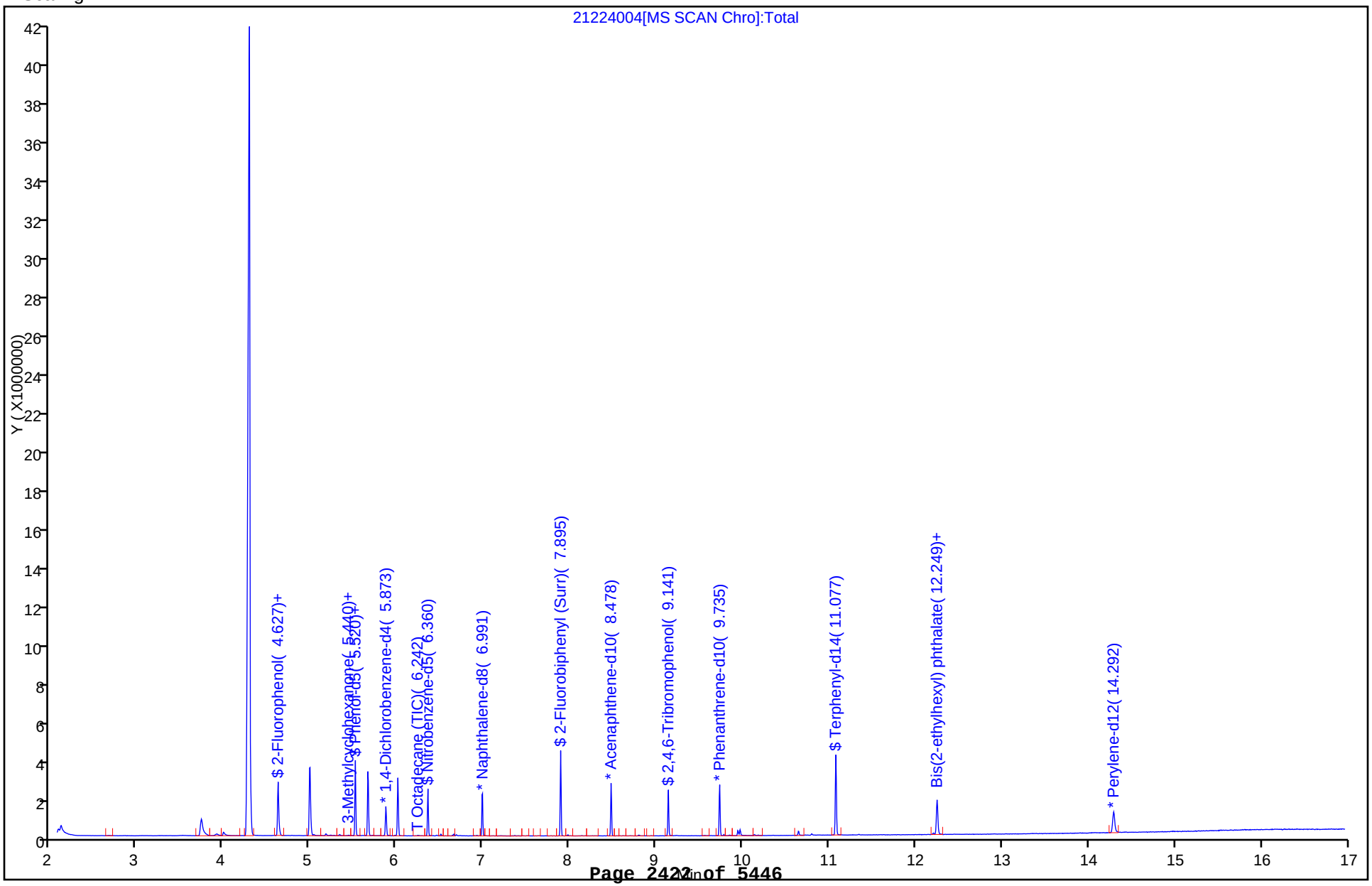
Report Date: 26-Dec-2012 13:04:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224004.D

Injection Date:	24-Dec-2012 10:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



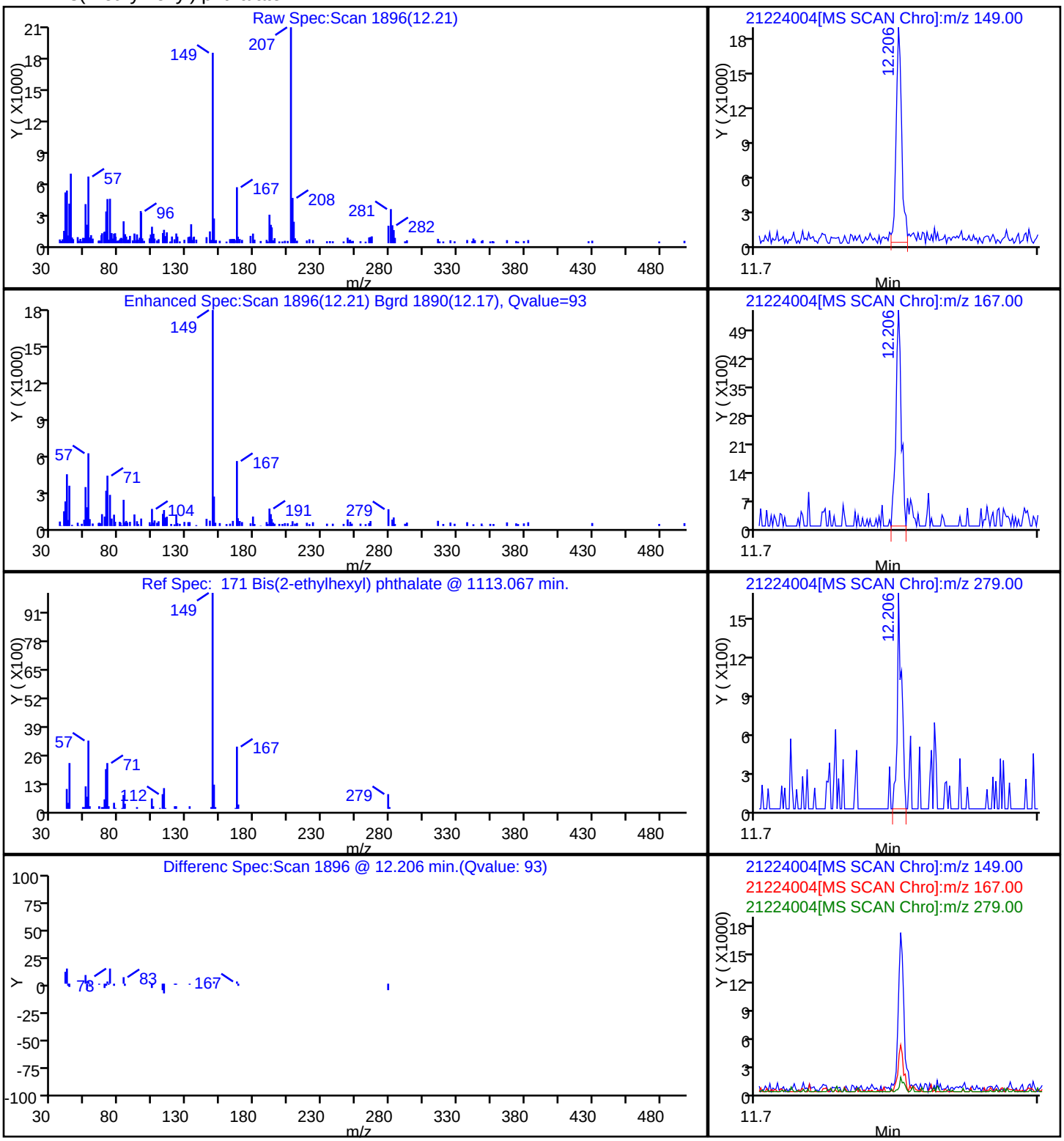
Report Date: 26-Dec-2012 13:04:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224004.D

Injection Date:	24-Dec-2012 10:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-70267/23-A

Matrix: Solid | Lab File ID: 30102012.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/27/2012 11:43

Sample wt/vol: 30.00(g) | Date Analyzed: 01/02/2013 12:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70814 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	27	U	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-70267/23-A

Matrix: Solid | Lab File ID: 30102012.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/27/2012 11:43

Sample wt/vol: 30.00(g) | Date Analyzed: 01/02/2013 12:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70814 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-70267/23-A

Matrix: Solid | Lab File ID: 30102012.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/27/2012 11:43

Sample wt/vol: 30.00(g) | Date Analyzed: 01/02/2013 12:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70814 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	56		45-105
367-12-4	2-Fluorophenol (Surr)	76		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	63		35-100
4165-62-2	Phenol-d5 (Surr)	75		40-100
1718-51-0	Terphenyl-d14 (Surr)	66		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	65		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102012.D
Lims ID: MB 240-70267/23-A Client ID:
Inject. Date: 02-Jan-2013 12:45:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016332-012
Misc. Info.: MB 240-70267/23-A =MB 240-70267/23-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 70814 Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\8270 _9.m
Last Update: 03-Jan-2013 10:28:37 Calib Date: 02-Jan-2013 11:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: ulmanm Date: 02-Jan-2013 13:26:06

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.940	5.945	-0.005	84	127879	4.00	
* 2 Naphthalene-d8	136	7.056	7.056	0.0	98	488800	4.00	
* 3 Acenaphthene-d10	164	8.552	8.552	0.0	93	299005	4.00	
* 4 Phenanthrene-d10	188	9.813	9.813	0.0	97	528998	4.00	
* 5 Chrysene-d12	240	12.372	12.372	0.0	92	514026	4.00	
* 6 Perylene-d12	264	14.461	14.461	0.001	90	409610	4.00	
$ 7 2-Fluorophenol	112	4.706	4.689	0.017	94	486919	11.4	
$ 8 Phenol-d5	99	5.598	5.592	0.006	0	715090	11.3	
$ 9 Nitrobenzene-d5	82	6.426	6.430	-0.004	86	472894	6.33	
$ 10 2-Fluorobiphenyl (Surr)	172	7.965	7.969	-0.004	99	669280	5.58	
$ 11 2,4,6-Tribromophenol	330	9.220	9.219	0.001	87	102756	9.78	
$ 12 Terphenyl-d14	244	11.170	11.169	0.001	98	772369	6.64	
13 Octachlorocyclopentene	1		0.000					
20 Dimethylformamide	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88		2.440					9
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		2.926					
27 Pyridine	79		2.974					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.636					9
31 2-Picoline	93		3.992					
30 3-Picoline	93		3.992					
29 3-Chloropropionitrile	54		4.026					9
52 Indene	115		4.084					
32 N-Nitrosomethylethylamine	88		4.136					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66		4.390					9
34 Methyl methanesulfonate	80		4.478					9
17 4-Chlorophenol	128		4.500					9
233 n,n'-Dimethylacetamide	44		4.558					
24 Catechol	110		4.592					9
36 N-Nitrosodiethylamine	102		4.890					
15 3-Methylcatechol	124		4.913					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					9
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.183					9
38 2-Methylcyclohexanone	68		5.392					
39 3-Methylcyclohexanone	69		5.429					
40 4-Methylcyclohexanone	55		5.483					
41 Benzaldehyde	77		5.544					9
43 Phenol	94		5.608					9
44 Aniline	93		5.640					
45 Pentachloroethane	167		5.654					
69 Bis(2-chloroethyl)ether	93		5.693					9
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128		5.752					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.891					
48 1,4-Dichlorobenzene	146		5.960					
232 1-Methyl-2-pyrrilidinone	99		6.052					
49 Benzyl alcohol	108		6.056					9
50 1,2-Dichlorobenzene	146		6.094					
51 2-Methylphenol	108		6.147					9
53 2,2'-oxybis[1-chloropropane]	45		6.174					9
56 N-Nitrosopyrrolidine	100		6.231					
59 N-Nitrosomorpholine	56		6.268					9
21 3 & 4 Methylphenol	108		6.281					
60 2-Toluidine	106		6.284					
57 N-Nitrosodi-n-propylamine	70		6.286					
58 Acetophenone	105		6.291					9
61 Hexachloroethane	117		6.398					
62 Nitrobenzene	77		6.446					9
63 N-Nitrosopiperidine	114		6.540					
64 Isophorone	82		6.649					9
66 2-Nitrophenol	139		6.724					
67 1,3,5-Trichlorobenzene	180		6.735					
65 2,4-Dimethylphenol	107		6.746					
68 o,o',o''-Triethylphosphorothioat	198		6.759					
71 Benzoic acid	122		6.820					9
70 Bis(2-chloroethoxy)methane	93		6.826					
72 alpha,alpha-Dimethyl phenethylam	58		6.872					
73 2,4-Dichlorophenol	162		6.933					
74 1,2,4-Trichlorobenzene	180		7.007					
75 Naphthalene	128		7.077					
77 2,6-Dichlorophenol	162		7.085					
78 Hexachloropropene	213		7.112					
76 4-Chloroaniline	127		7.114					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225		7.173					
80 1,2,3-Trichlorobenzene	180		7.200					
83 N-Nitrosodi-n-butylamine	84		7.347					9
85 p-Phenylene diamine	108		7.368					9
84 Caprolactam	113		7.397					
86 4-Chloro-3-methylphenol	107		7.509					9
94 Safrole, Total	162		7.539					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142		7.664					
88 1-Methylnaphthalene	142		7.750					
91 1,2,4,5-Tetrachlorobenzene	216		7.764					
225 Isosafrole Peak 1	162		7.785					
90 1,2,3,5-Tetrachlorobenzene	216		7.793					
89 Hexachlorocyclopentadiene	237		7.793					
92 2,4,6-Trichlorophenol	196		7.894					
93 2,4,5-Trichlorophenol	196		7.932					
227 Isosafrole Peak 2	162		7.977					
97 2,4-Toluene diamine	121		8.038					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.049					
98 1,1'-Biphenyl	154		8.054					
100 2-Chloronaphthalene	162		8.081					
102 2-Nitroaniline	65		8.156					
103 1,4-Naphthoquinone	158		8.186					
104 1,4-Dinitrobenzene	168		8.228					
106 1,3-Dinitrobenzene	168		8.287					
105 Dimethyl phthalate	163		8.295					
107 2,6-Dinitrotoluene	165		8.354					
108 1,2-Dinitrobenzene	168		8.402					9
109 Acenaphthylene	152		8.439					
110 3-Nitroaniline	138		8.503					
112 Acenaphthene	153		8.583					
111 2,4-Dinitrophenol	184		8.589					
113 4-Nitrophenol	109		8.626					9
115 Pentachlorobenzene	250		8.650					
114 2,4-Dinitrotoluene	165		8.695					
116 Dibenzofuran	168		8.727					
117 1-Naphthylamine	143		8.747					
119 2,3,4,6-Tetrachlorophenol	232		8.779					
118 2,3,5,6-Tetrachlorophenol	232		8.786					
120 2-Naphthylamine	143		8.816					
121 Diethyl phthalate	149		8.882					
122 Thionazin	97		8.918					9
124 N-Nitro-o-toluidine	152		8.971					
123 4-Chlorophenyl phenyl ether	204		9.000					
127 Tributyl phosphate	99		9.008					9
125 4-Nitroaniline	138		9.016					
126 Fluorene	166		9.016					
128 4,6-Dinitro-2-methylphenol	198		9.037					
130 Diphenylamine	169		9.056					
131 N-Nitrosodiphenylamine	169		9.096					
133 Azobenzene	77		9.133					9
132 1,2-Diphenylhydrazine	77		9.133					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
134 Sulfotepp	202		9.169					
176 Hexabromobenzene	232		9.208					
135 1,3,5-Trinitrobenzene	213		9.259					
228 Diallate Peak 1	86		9.292					
137 Phenacetin	108		9.297					
138 Phorate	121		9.302					9
230 Diallate Peak 2	86		9.372					
139 4-Bromophenyl phenyl ether	248		9.417					
140 Dimethoate	87		9.446					
141 Hexachlorobenzene	284		9.481					
142 Atrazine	200		9.529					
179 6-Methylchrysene	242		9.576					
129 4-Aminobiphenyl	169		9.596					
145 Pentachloronitrobenzene	237		9.607					
144 Pronamide	173		9.623					
143 Pentachlorophenol	266		9.641					
147 Dinoseb	211		9.735					
146 Disulfoton	88		9.740					9
148 Phenanthrene	178		9.833					
149 Anthracene	178		9.876					
151 Carbazole	167		9.999					
152 Methyl parathion	109		10.061					
154 Di-n-butyl phthalate	149		10.255					9
155 Ethyl Parathion	97		10.381					
156 4-Nitroquinoline-1-oxide	190		10.435					
157 Methapyrilene	58		10.477					9
158 Isodrin	66		10.670					
159 Fluoranthene	202		10.843					
160 Benzidine	184		10.939					9
161 Pyrene	202		11.057					
226 Aramite Peak 1	185		11.076					
166 4,4'-DDE	246		11.102					9
229 Aramite Peak 2	185		11.151					9
163 p-Dimethylamino azobenzene	225		11.257					9
164 Chlorobenzilate	139		11.290					9
165 4,4'-DDD	235		11.437					
167 Famphur	218		11.546					
169 3,3'-Dimethylbenzidine	212		11.605					
168 Butyl benzyl phthalate	149		11.650					
187 Dibenz[a,h]acridine	279		11.729					9
170 4,4'-DDT	235		11.775					
186 Dibenz[a,j]acridine	279		11.804					9
171 2-Acetylaminofluorene	181		11.888					
172 3,3'-Dimethoxybenzidine	244		12.264					
174 4,4'-Methylene bis(2-chloroanili	231		12.307					9
175 3,3'-Dichlorobenzidine	252		12.307					
173 Bis(2-ethylhexyl) phthalate	149		12.323					9
177 Benzo[a]anthracene	228		12.360					9
178 Chrysene	228		12.408					9
180 Di-n-octyl phthalate	149		13.236					9
181 7,12-Dimethylbenz(a)anthracene	256		13.790					
182 Benzo[b]fluoranthene	252		13.877					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252		13.920					
184 Benzo[a]pyrene	252		14.379					9
185 3-Methylcholanthrene	268		14.831					9
188 Indeno[1,2,3-cd]pyrene	276		16.137					
189 Dibenz(a,h)anthracene	278		16.164					9
190 Benzo[g,h,i]perylene	276		16.591					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 195 Hydroquinone TIC	110		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 193 Hexamethylphosphoramide TIC	135		5.100					
T 194 Decane TIC	142		5.800					
T 234 2-Isopropylphenol TIC	121		7.019					1
T 236 3-isopropylphenol TIC	121		7.173					
T 235 4-isopropylphenol TIC	121		7.173					
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		7.537					
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 192 Octadecane (TIC)	254		9.600					
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1
T 231 2,3,7,8-TCDD	322		12.400					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

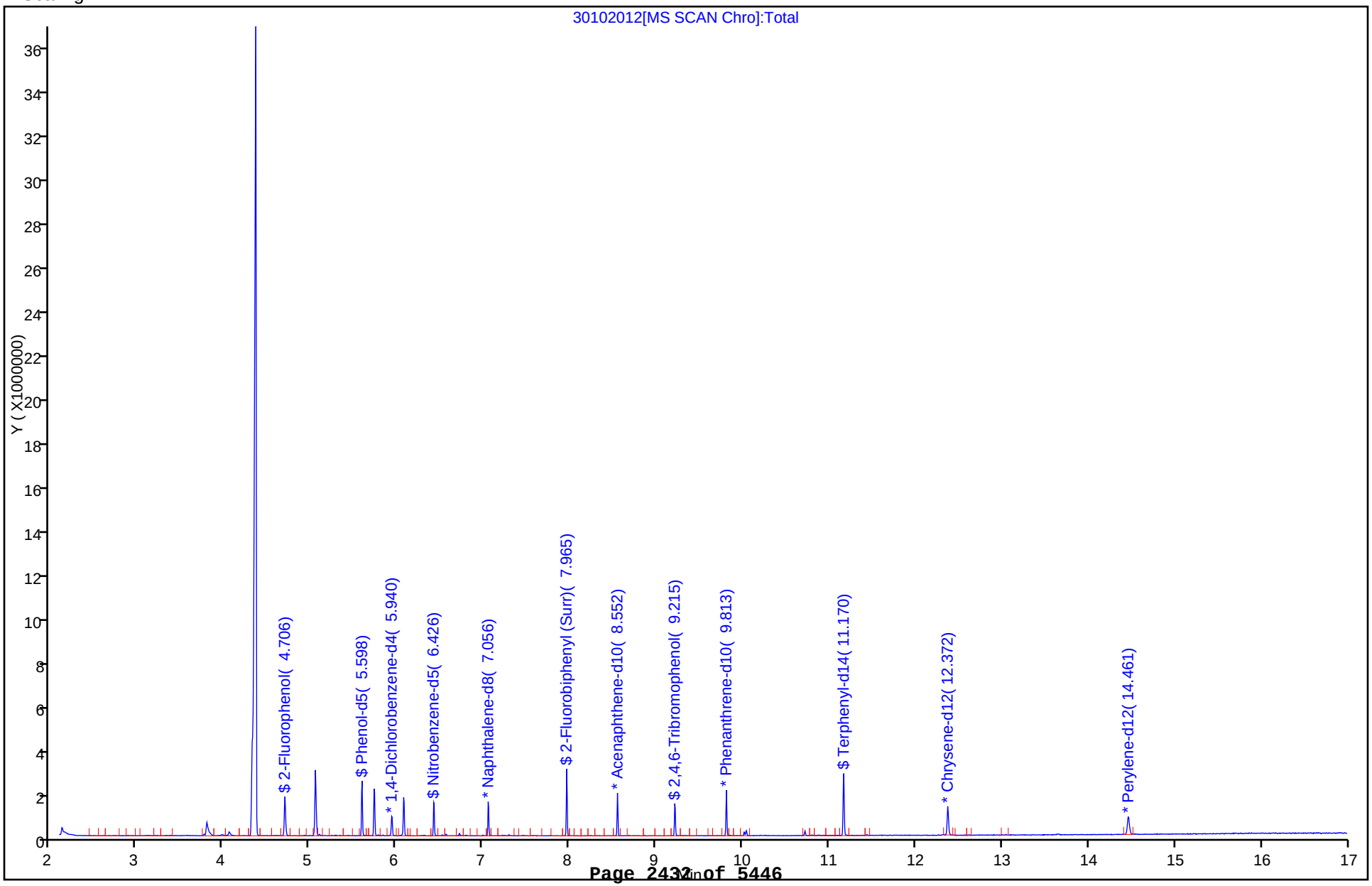
Report Date: 03-Jan-2013 10:34:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102012.D

Injection Date:	02-Jan-2013 12:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70814	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69176/24-A

Matrix: Solid | Lab File ID: 21223005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30(g) | Date Analyzed: 12/23/2012 12:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	501		6.7	3.3	3.3
208-96-8	Acenaphthylene	520		6.7	3.3	3.3
120-12-7	Anthracene	532		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	516		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	495		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	515		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	547		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	572		6.7	3.3	3.3
100-51-6	Benzyl alcohol	508		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	422		100	27	22
111-44-4	Bis(2-chloroethyl)ether	422		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	420		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	484		50	27	19
101-55-3	4-Bromophenyl phenyl ether	462		50	27	13
85-68-7	Butyl benzyl phthalate	513		50	27	10
86-74-8	Carbazole	516		50	27	27
106-47-8	4-Chloroaniline	396		150	27	17
59-50-7	4-Chloro-3-methylphenol	508		150	27	21
91-58-7	2-Chloronaphthalene	427		50	3.3	3.3
95-57-8	2-Chlorophenol	525		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	440		50	27	13
218-01-9	Chrysene	527		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	541		6.7	3.3	3.3
132-64-9	Dibenzofuran	496		50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	426		50	27	9.7
541-73-1	1,3-Dichlorobenzene	427		50	27	11
106-46-7	1,4-Dichlorobenzene	521		50	27	20
91-94-1	3,3'-Dichlorobenzidine	334		100	80	18
120-83-2	2,4-Dichlorophenol	513		150	27	20
84-66-2	Diethyl phthalate	504		50	27	16
105-67-9	2,4-Dimethylphenol	375		150	80	20
131-11-3	Dimethyl phthalate	522		50	27	17
84-74-2	Di-n-butyl phthalate	532		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69176/24-A

Matrix: Solid | Lab File ID: 21223005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30(g) | Date Analyzed: 12/23/2012 12:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	445		150	80	80
51-28-5	2,4-Dinitrophenol	327	J	330	80	80
121-14-2	2,4-Dinitrotoluene	441		200	27	27
606-20-2	2,6-Dinitrotoluene	452		200	27	21
117-84-0	Di-n-octyl phthalate	469		50	27	27
206-44-0	Fluoranthene	526		6.7	3.3	3.3
86-73-7	Fluorene	521		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	442		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	423		50	27	27
77-47-4	Hexachlorocyclopentadiene	392		330	27	27
67-72-1	Hexachloroethane	441		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	542		6.7	3.3	3.3
78-59-1	Isophorone	516		50	27	13
91-57-6	2-Methylnaphthalene	496		6.7	3.3	3.3
95-48-7	2-Methylphenol	500		200	80	80
15831-10-4	3 & 4 Methylphenol	1020		400	80	20
91-20-3	Naphthalene	510		6.7	3.3	3.3
88-74-4	2-Nitroaniline	531		200	27	9.1
99-09-2	3-Nitroaniline	478		200	80	16
100-01-6	4-Nitroaniline	523		200	27	26
98-95-3	Nitrobenzene	429		100	3.3	2.2
88-75-5	2-Nitrophenol	513		50	27	27
100-02-7	4-Nitrophenol	499		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	531		50	27	27
86-30-6	N-Nitrosodiphenylamine	531		50	27	21
87-86-5	Pentachlorophenol	383		150	80	80
85-01-8	Phenanthrene	525		6.7	3.3	3.3
108-95-2	Phenol	530		50	27	27
129-00-0	Pyrene	511		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	412		50	27	27
95-95-4	2,4,5-Trichlorophenol	519		150	27	25
88-06-2	2,4,6-Trichlorophenol	519		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69176/24-A

Matrix: Solid | Lab File ID: 21223005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30(g) | Date Analyzed: 12/23/2012 12:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	61		45-105
367-12-4	2-Fluorophenol (Surr)	80		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	62		35-100
4165-62-2	Phenol-d5 (Surr)	80		40-100
1718-51-0	Terphenyl-d14 (Surr)	68		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	75		35-125

Report Date: 24-Dec-2012 12:29:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223005.D
Lims ID: LCS 240-69176/24-A Client ID:
Inject. Date: 23-Dec-2012 12:26:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016131-005
Misc. Info.: LCS 240-69176/24-A
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 69932 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj Date: 23-Dec-2012 13:01:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.886	5.886	0.0	96	207848	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	99	851103	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	92	500819	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	789093	4.00	
* 5 Chrysene-d12	240	12.277	12.272	0.005	88	830605	4.00	
* 6 Perylene-d12	264	14.326	14.320	0.006	96	636279	4.00	
$ 7 2-Fluorophenol	112	4.639	4.629	0.010	93	769333	12.1	
$ 8 Phenol-d5	99	5.533	5.522	0.011	90	1024879	12.1	
$ 9 Nitrobenzene-d5	82	6.367	6.367	0.0	93	577052	6.16	
$ 10 2-Fluorobiphenyl (Surr)	172	7.907	7.907	0.0	100	1103398	6.15	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	87	190553	11.3	
$ 12 Terphenyl-d14	244	11.095	11.095	0.0	99	1148044	6.76	
24 1,4-Dioxane	88	2.388	2.425	-0.037	94	122683	4.17	
25 N-Nitrosodimethylamine	74	2.869	2.880	-0.011	88	314405	7.77	
26 Pyridine	79	2.928	2.944	-0.016	93	457714	6.35	
30 2-Picoline	93	3.976	4.067	-0.091	95	520271	7.30	
36 Ethyl methanesulfonate	79	5.164	5.217	-0.053	97	416618	8.10	
40 Benzaldehyde	77	5.484	5.485	-0.001	90	466713	6.95	
41 Phenol	94	5.543	5.538	0.005	98	707523	7.96	
43 Aniline	93	5.581	5.581	0.0	95	613786	5.31	
44 Bis(2-chloroethyl)ether	93	5.634	5.634	0.0	93	546597	6.33	
46 2-Chlorophenol	128	5.693	5.688	0.005	95	553267	7.88	
47 1,3-Dichlorobenzene	146	5.832	5.832	0.0	95	583702	6.40	
48 1,4-Dichlorobenzene	146	5.902	5.896	0.006	84	591680	7.82	
49 Benzyl alcohol	108	5.998	5.993	0.005	88	333693	7.62	
50 1,2-Dichlorobenzene	146	6.035	6.035	0.0	92	557590	6.39	
51 2-Methylphenol	108	6.089	6.084	0.005	97	478832	7.50	
52 2,2'-oxybis[1-chloropropane]	45	6.116	6.116	0.0	91	775097	6.30	
191 3 & 4 Methylphenol	108	6.217	6.212	0.005	93	1052149	15.3	
56 N-Nitrosodi-n-propylamine	70	6.228	6.228	0.0	90	408841	7.97	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
57 Acetophenone	105	6.233	6.233	0.0	91	766270	7.73	
60 Hexachloroethane	117	6.340	6.335	0.005	92	236982	6.61	
61 Nitrobenzene	77	6.388	6.388	0.0	87	624067	6.43	
63 Isophorone	82	6.592	6.592	0.0	97	1091563	7.73	
65 2-Nitrophenol	139	6.661	6.661	0.0	92	268199	7.70	
64 2,4-Dimethylphenol	107	6.683	6.677	0.006	95	407527	5.63	
69 Benzoic acid	122	6.715	6.741	-0.026	81	91983	3.19	
68 Bis(2-chloroethoxy)methane	93	6.768	6.768	0.0	96	670443	6.33	
71 2,4-Dichlorophenol	162	6.864	6.864	0.0	97	434358	7.69	
72 1,2,4-Trichlorobenzene	180	6.945	6.945	0.0	93	468456	6.18	
73 Naphthalene	128	7.020	7.020	0.0	96	1591241	7.65	
74 4-Chloroaniline	127	7.052	7.052	0.0	83	521749	5.95	
77 Hexachlorobutadiene	225	7.116	7.116	0.0	93	260807	6.34	
83 Caprolactam	113	7.330	7.335	-0.005	74	154024	8.24	
80 Quinoline	129	7.303	7.341	-0.038	95	994412	8.01	
84 4-Chloro-3-methylphenol	107	7.447	7.442	0.005	95	460166	7.61	
93 Safrole, Total	162	7.517	7.560	-0.043	86	397255	7.46	
85 2-Methylnaphthalene	142	7.608	7.603	0.005	82	1016028	7.45	
86 1-Methylnaphthalene	142	7.693	7.688	0.005	89	978883	7.65	
88 Hexachlorocyclopentadiene	237	7.736	7.736	0.0	94	248965	5.88	
90 2,4,6-Trichlorophenol	196	7.833	7.833	0.0	93	306910	7.79	
91 2,4,5-Trichlorophenol	196	7.865	7.865	0.0	92	335093	7.79	
95 1,1'-Biphenyl	154	7.993	7.993	0.0	95	1227647	7.45	
98 2-Chloronaphthalene	162	8.020	8.020	0.0	97	1002401	6.40	
100 2-Nitroaniline	65	8.095	8.095	0.0	78	352626	7.96	
103 Dimethyl phthalate	163	8.234	8.234	0.0	98	1125579	7.82	
102 1,4-Dinitrobenzene	168		8.245					
105 2,6-Dinitrotoluene	165	8.293	8.287	0.005	80	247968	6.78	
104 1,3-Dinitrobenzene	168		8.303					
106 1,2-Dinitrobenzene	168	8.341	8.341	0.0	88	126409	6.75	
107 Acenaphthylene	152	8.373	8.373	0.0	98	1605123	7.80	
108 3-Nitroaniline	138	8.437	8.437	0.0	89	254197	7.18	
110 Acenaphthene	153	8.517	8.517	0.0	94	962389	7.51	
109 2,4-Dinitrophenol	184	8.522	8.523	-0.001	53	70463	4.90	
111 4-Nitrophenol	109	8.549	8.549	0.0	92	161321	7.49	
112 2,4-Dinitrotoluene	165	8.629	8.630	-0.001	82	331087	6.61	
114 Dibenzofuran	168	8.662	8.662	0.0	88	1407159	7.44	
115 2,3,5,6-Tetrachlorophenol	232	8.720	8.720	0.0	91	234528	6.87	
117 2,3,4,6-Tetrachlorophenol	232	8.758	8.796	-0.038	72	232016	6.66	
119 Diethyl phthalate	149	8.822	8.822	0.0	96	1085957	7.56	
121 4-Chlorophenyl phenyl ether	204	8.940	8.940	0.0	95	554515	6.60	
124 Fluorene	166	8.956	8.950	0.006	83	1178352	7.81	
123 4-Nitroaniline	138	8.950	8.950	0.0	80	275310	7.85	
126 4,6-Dinitro-2-methylphenol	198	8.977	8.972	0.005	66	155691	6.67	
130 N-Nitrosodiphenylamine	169	9.036	9.031	0.005	0	850709	7.96	
131 Azobenzene	77	9.073	9.073	0.0	99	1308510	7.94	
129 1,2-Diphenylhydrazine	77	9.073	9.073	0.0	0	1308510	7.94	
135 Phenacetin	108	9.277	9.314	-0.037	91	514365	7.88	
136 Phorate	121	9.282	9.320	-0.038	94	202888	8.32	
137 4-Bromophenyl phenyl ether	248	9.357	9.352	0.005	64	316784	6.92	
139 Hexachlorobenzene	284	9.416	9.416	0.0	86	301980	6.63	
140 Atrazine	200	9.469	9.464	0.005	90	294871	9.80	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.576	9.571	0.005	85	149800	5.75	
142 Pronamide	173	9.598	9.641	-0.043	87	435335	7.31	
146 Phenanthrene	178	9.769	9.769	0.0	97	1669320	7.88	
147 Anthracene	178	9.812	9.812	0.0	98	1686570	7.98	
149 Carbazole	167	9.935	9.935	0.0	82	1568017	7.74	
151 Di-n-butyl phthalate	149	10.197	10.191	0.006	100	1825837	7.97	
157 Fluoranthene	202	10.774	10.769	0.005	97	1832828	7.88	
160 Pyrene	202	10.983	10.978	0.005	96	1843783	7.67	
162 Chlorobenzilate	139	11.261	11.309	-0.048	87	496820	6.76	
166 Butyl benzyl phthalate	149	11.571	11.566	0.005	96	750300	7.69	
173 3,3'-Dichlorobenzidine	252	12.213	12.208	0.005	70	395335	5.01	
171 Bis(2-ethylhexyl) phthalate	149	12.234	12.229	0.005	96	1045110	7.26	
175 Benzo[a]anthracene	228	12.261	12.256	0.005	97	1660883	7.73	
176 Chrysene	228	12.309	12.304	0.005	94	1607947	7.90	
178 Di-n-octyl phthalate	149	13.133	13.128	0.005	99	1537085	7.04	
180 Benzo[b]fluoranthene	252	13.748	13.743	0.005	96	1468304	7.73	
181 Benzo[k]fluoranthene	252	13.791	13.786	0.005	99	1749847	8.59	
182 Benzo[a]pyrene	252	14.246	14.240	0.006	77	1327182	7.43	
186 Indeno[1,2,3-cd]pyrene	276	15.968	15.963	0.006	97	1541926	8.14	
187 Dibenz(a,h)anthracene	278	15.995	15.989	0.006	75	1310229	8.12	
188 Benzo[g,h,i]perylene	276	16.401	16.396	0.005	93	1362639	8.21	

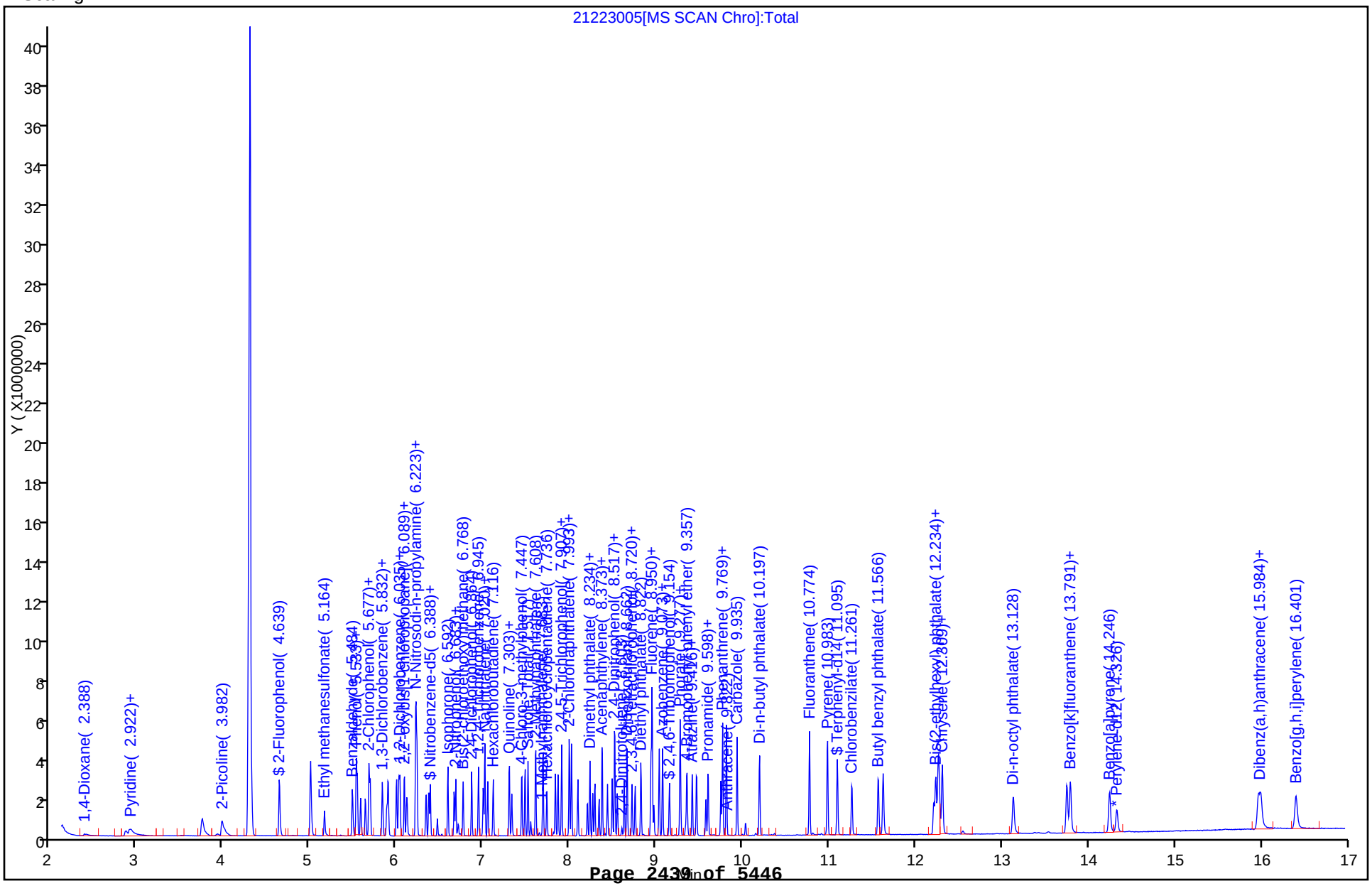
Report Date: 24-Dec-2012 12:29:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223005.D

Injection Date:	23-Dec-2012 12:26:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69185/21-A

Matrix: Solid | Lab File ID: 21224005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30(g) | Date Analyzed: 12/24/2012 10:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	480		6.7	3.3	3.3
208-96-8	Acenaphthylene	500		6.7	3.3	3.3
120-12-7	Anthracene	555		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	526		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	530		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	546		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	592		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	598		6.7	3.3	3.3
100-51-6	Benzyl alcohol	494		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	416		100	27	22
111-44-4	Bis(2-chloroethyl)ether	415		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	406		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	522		50	27	19
101-55-3	4-Bromophenyl phenyl ether	466		50	27	13
85-68-7	Butyl benzyl phthalate	549		50	27	10
86-74-8	Carbazole	552		50	27	27
106-47-8	4-Chloroaniline	370		150	27	17
59-50-7	4-Chloro-3-methylphenol	509		150	27	21
91-58-7	2-Chloronaphthalene	420		50	3.3	3.3
95-57-8	2-Chlorophenol	514		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	436		50	27	13
218-01-9	Chrysene	568		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	581		6.7	3.3	3.3
132-64-9	Dibenzofuran	490		50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	421		50	27	9.7
541-73-1	1,3-Dichlorobenzene	416		50	27	11
106-46-7	1,4-Dichlorobenzene	499		50	27	20
91-94-1	3,3'-Dichlorobenzidine	351		100	80	18
120-83-2	2,4-Dichlorophenol	497		150	27	20
84-66-2	Diethyl phthalate	516		50	27	16
105-67-9	2,4-Dimethylphenol	372		150	80	20
131-11-3	Dimethyl phthalate	522		50	27	17
84-74-2	Di-n-butyl phthalate	564		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69185/21-A

Matrix: Solid | Lab File ID: 21224005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30(g) | Date Analyzed: 12/24/2012 10:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	404		150	80	80
51-28-5	2,4-Dinitrophenol	246	J	330	80	80
121-14-2	2,4-Dinitrotoluene	434		200	27	27
606-20-2	2,6-Dinitrotoluene	450		200	27	21
117-84-0	Di-n-octyl phthalate	496		50	27	27
206-44-0	Fluoranthene	559		6.7	3.3	3.3
86-73-7	Fluorene	514		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	461		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	404		50	27	27
77-47-4	Hexachlorocyclopentadiene	312	J	330	27	27
67-72-1	Hexachloroethane	439		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	580		6.7	3.3	3.3
78-59-1	Isophorone	506		50	27	13
91-57-6	2-Methylnaphthalene	492		6.7	3.3	3.3
95-48-7	2-Methylphenol	483		200	80	80
15831-10-4	3 & 4 Methylphenol	1010		400	80	20
91-20-3	Naphthalene	496		6.7	3.3	3.3
88-74-4	2-Nitroaniline	510		200	27	9.1
99-09-2	3-Nitroaniline	472		200	80	16
100-01-6	4-Nitroaniline	533		200	27	26
98-95-3	Nitrobenzene	412		100	3.3	2.2
88-75-5	2-Nitrophenol	505		50	27	27
100-02-7	4-Nitrophenol	497		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	510		50	27	27
86-30-6	N-Nitrosodiphenylamine	551		50	27	21
87-86-5	Pentachlorophenol	394		150	80	80
85-01-8	Phenanthrene	535		6.7	3.3	3.3
108-95-2	Phenol	519		50	27	27
129-00-0	Pyrene	534		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	406		50	27	27
95-95-4	2,4,5-Trichlorophenol	453		150	27	25
88-06-2	2,4,6-Trichlorophenol	439		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69185/21-A

Matrix: Solid | Lab File ID: 21224005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30(g) | Date Analyzed: 12/24/2012 10:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	59		45-105
367-12-4	2-Fluorophenol (Surr)	79		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	61		35-100
4165-62-2	Phenol-d5 (Surr)	79		40-100
1718-51-0	Terphenyl-d14 (Surr)	70		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	63		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224005.D
Lims ID: LCS 240-69185/21-A Client ID:
Inject. Date: 24-Dec-2012 10:24:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016144-005
Misc. Info.: LCS 240-69185/21-A
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 69977 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj Date: 24-Dec-2012 11:17:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.873	5.873	0.0	97	200732	4.00	
* 2 Naphthalene-d8	136	6.991	6.991	0.0	100	815611	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	92	498111	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	768682	4.00	
* 5 Chrysene-d12	240	12.254	12.254	0.0	90	823830	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	93	628339	4.00	
$ 7 2-Fluorophenol	112	4.627	4.616	0.011	94	733432	11.9	
$ 8 Phenol-d5	99	5.520	5.515	0.005	96	970694	11.8	
$ 9 Nitrobenzene-d5	82	6.360	6.360	0.0	93	543878	6.05	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	1052950	5.90	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	87	157867	9.43	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	98	1186488	7.04	
24 1,4-Dioxane	88	2.396	2.402	-0.006	94	111488	3.93	M
25 N-Nitrosodimethylamine	74	2.846	2.851	-0.005	89	280556	7.18	
26 Pyridine	79	2.905	2.910	-0.005	90	418653	6.01	
30 2-Picoline	93	3.969	4.067	-0.098	95	474629	6.90	
36 Ethyl methanesulfonate	79	5.151	5.217	-0.066	96	392873	7.91	
40 Benzaldehyde	77	5.477	5.477	0.0	90	437046	6.74	
41 Phenol	94	5.536	5.531	0.005	98	668318	7.78	
43 Aniline	93	5.574	5.574	0.0	96	553518	4.96	
44 Bis(2-chloroethyl)ether	93	5.627	5.627	0.0	93	519236	6.23	
46 2-Chlorophenol	128	5.681	5.681	0.001	95	523087	7.71	
47 1,3-Dichlorobenzene	146	5.825	5.825	0.0	96	548776	6.23	
48 1,4-Dichlorobenzene	146	5.889	5.889	0.0	91	546942	7.48	
49 Benzyl alcohol	108	5.985	5.985	0.0	89	313797	7.42	
50 1,2-Dichlorobenzene	146	6.023	6.028	-0.005	91	532116	6.31	
51 2-Methylphenol	108	6.076	6.076	0.0	98	447127	7.25	
52 2,2'-oxybis[1-chloropropane]	45	6.108	6.108	0.0	91	723241	6.09	
191 3 & 4 Methylphenol	108	6.210	6.205	0.005	92	1006679	15.2	
56 N-Nitrosodi-n-propylamine	70	6.221	6.221	0.0	91	379164	7.66	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
57 Acetophenone	105	6.226	6.226	0.0	96	723941	7.56	
60 Hexachloroethane	117	6.328	6.328	0.0	91	227925	6.59	
61 Nitrobenzene	77	6.376	6.376	0.0	88	574927	6.19	
63 Isophorone	82	6.579	6.579	0.0	97	1026734	7.59	
65 2-Nitrophenol	139	6.654	6.654	0.0	97	252808	7.57	
64 2,4-Dimethylphenol	107	6.670	6.670	0.0	95	386764	5.58	
69 Benzoic acid	122	6.702	6.729	-0.027	75	49622	2.28	
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	96	632754	6.23	
71 2,4-Dichlorophenol	162	6.857	6.857	0.0	96	403245	7.45	
72 1,2,4-Trichlorobenzene	180	6.932	6.937	-0.005	91	442045	6.09	
73 Naphthalene	128	7.007	7.007	0.0	98	1482947	7.44	
74 4-Chloroaniline	127	7.039	7.039	0.0	83	466655	5.55	
77 Hexachlorobutadiene	225	7.103	7.103	0.0	94	238803	6.06	
83 Caprolactam	113	7.323	7.323	0.0	74	149428	8.34	
80 Quinoline	129	7.290	7.341	-0.051	96	951988	8.00	
84 4-Chloro-3-methylphenol	107	7.435	7.435	0.0	96	441788	7.63	
93 Safrole, Total	162	7.510	7.560	-0.050	87	382778	7.50	
85 2-Methylnaphthalene	142	7.595	7.595	0.0	88	965461	7.38	
86 1-Methylnaphthalene	142	7.681	7.681	0.0	90	929812	7.58	
88 Hexachlorocyclopentadiene	237	7.724	7.724	0.0	94	197207	4.68	
90 2,4,6-Trichlorophenol	196	7.825	7.825	0.0	92	258129	6.59	
91 2,4,5-Trichlorophenol	196	7.852	7.852	0.0	93	290748	6.79	
95 1,1'-Biphenyl	154	7.986	7.986	0.0	95	1149176	7.01	
98 2-Chloronaphthalene	162	8.007	8.013	-0.006	96	981327	6.30	
100 2-Nitroaniline	65	8.082	8.082	0.0	78	337303	7.66	
103 Dimethyl phthalate	163	8.221	8.221	0.0	98	1121008	7.84	
102 1,4-Dinitrobenzene	168		8.245					
105 2,6-Dinitrotoluene	165	8.280	8.280	0.0	90	245227	6.74	
104 1,3-Dinitrobenzene	168		8.303					
106 1,2-Dinitrobenzene	168	8.328	8.328	0.0	86	122376	6.58	
107 Acenaphthylene	152	8.366	8.366	0.0	94	1535047	7.50	
108 3-Nitroaniline	138	8.424	8.424	0.0	91	249518	7.08	
110 Acenaphthene	153	8.510	8.510	0.0	95	918791	7.21	
109 2,4-Dinitrophenol	184	8.510	8.510	0.0	57	46880	3.69	
111 4-Nitrophenol	109	8.537	8.542	-0.005	95	159592	7.45	
112 2,4-Dinitrotoluene	165	8.622	8.617	0.005	88	323674	6.51	
114 Dibenzofuran	168	8.654	8.654	0.0	88	1383472	7.36	
115 2,3,5,6-Tetrachlorophenol	232	8.708	8.708	0.0	88	209450	6.17	
117 2,3,4,6-Tetrachlorophenol	232	8.745	8.796	-0.051	73	196913	5.76	
119 Diethyl phthalate	149	8.809	8.809	0.0	96	1105658	7.74	
121 4-Chlorophenyl phenyl ether	204	8.927	8.927	0.0	95	545859	6.53	
123 4-Nitroaniline	138	8.938	8.938	0.0	82	279155	8.00	
124 Fluorene	166	8.943	8.943	0.0	81	1156904	7.71	
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	80	136037	6.07	
130 N-Nitrosodiphenylamine	169	9.023	9.023	0.0	0	860736	8.27	
131 Azobenzene	77	9.061	9.061	0.0	99	1310443	8.16	
129 1,2-Diphenylhydrazine	77	9.061	9.061	0.0	0	1310443	8.16	
135 Phenacetin	108	9.264	9.314	-0.050	92	517654	8.13	
136 Phorate	121	9.269	9.320	-0.051	91	184511	7.77	
137 4-Bromophenyl phenyl ether	248	9.344	9.344	0.0	65	311656	6.99	
139 Hexachlorobenzene	284	9.403	9.403	0.0	88	306678	6.91	
140 Atrazine	200	9.451	9.457	-0.006	85	302795	10.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.564	9.564	0.0	86	150093	5.91	
142 Pronamide	173	9.585	9.641	-0.056	88	434721	7.48	
146 Phenanthrene	178	9.756	9.756	0.0	97	1656741	8.03	
147 Anthracene	178	9.799	9.799	0.0	97	1714575	8.32	
149 Carbazole	167	9.922	9.922	0.0	82	1634515	8.28	
151 Di-n-butyl phthalate	149	10.179	10.184	-0.005	100	1887146	8.46	
157 Fluoranthene	202	10.756	10.762	-0.006	97	1899314	8.39	
160 Pyrene	202	10.965	10.965	0.0	96	1910970	8.02	
162 Chlorobenzilate	139	11.243	11.309	-0.066	86	509023	6.97	
166 Butyl benzyl phthalate	149	11.548	11.548	0.0	96	796442	8.23	
173 3,3'-Dichlorobenzidine	252	12.184	12.184	0.0	75	412004	5.26	
171 Bis(2-ethylhexyl) phthalate	149	12.211	12.211	0.0	97	1122972	7.83	
175 Benzo[a]anthracene	228	12.238	12.238	0.0	97	1680971	7.89	
176 Chrysene	228	12.286	12.286	0.0	93	1719982	8.53	
178 Di-n-octyl phthalate	149	13.099	13.099	0.0	99	1611588	7.44	
180 Benzo[b]fluoranthene	252	13.720	13.720	0.0	93	1535805	8.19	
181 Benzo[k]fluoranthene	252	13.757	13.757	0.0	95	1806319	8.97	
182 Benzo[a]pyrene	252	14.212	14.212	0.0	74	1401947	7.95	
186 Indeno[1,2,3-cd]pyrene	276	15.923	15.923	0.0	94	1626923	8.69	
187 Dibenz(a,h)anthracene	278	15.950	15.950	0.0	82	1388118	8.71	
188 Benzo[g,h,i]perylene	276	16.356	16.356	0.0	92	1456456	8.88	

QC Flag Legend

Review Flags
M - Manually Integrated

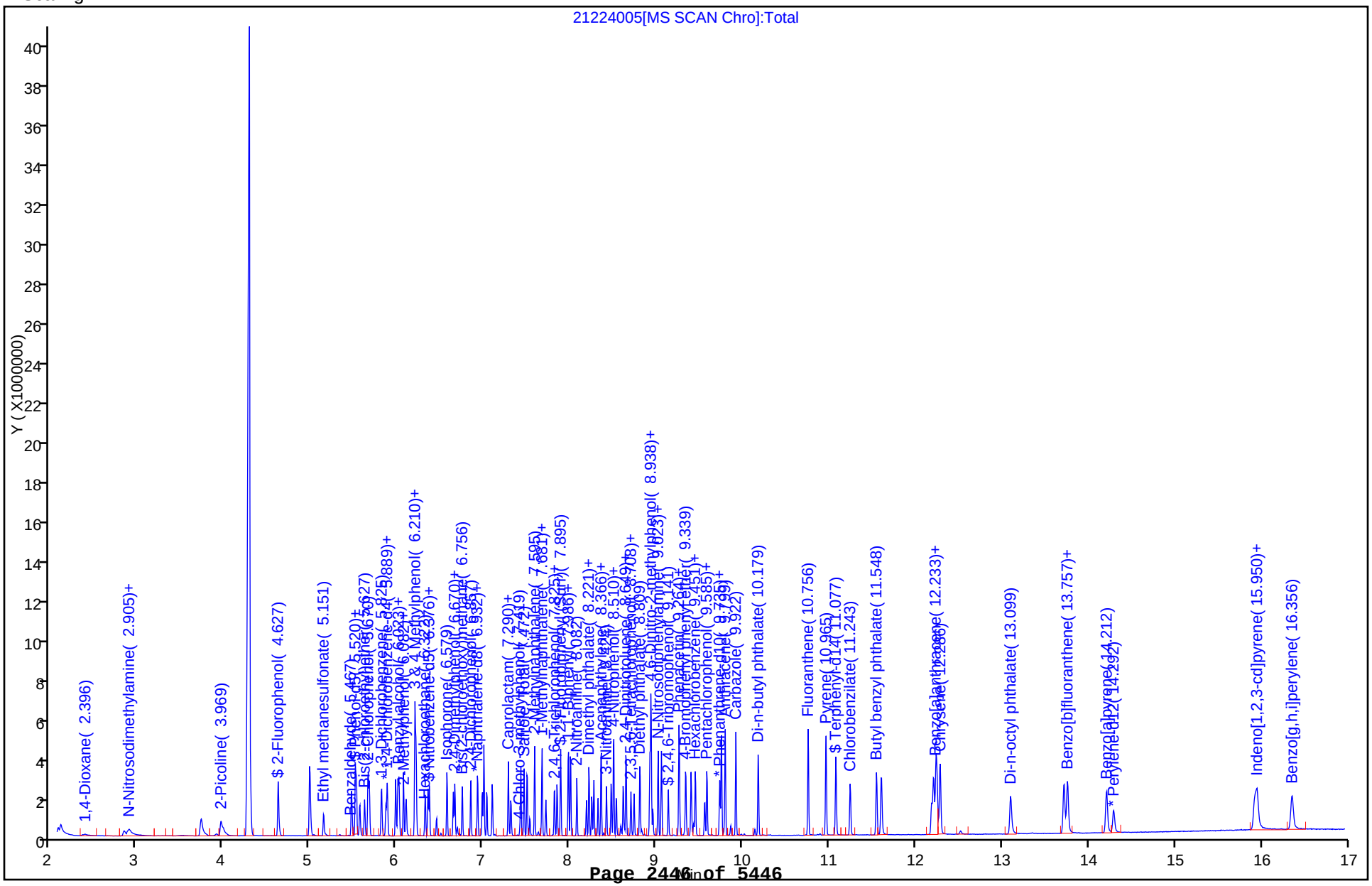
Report Date: 26-Dec-2012 13:04:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224005.D

Injection Date:	24-Dec-2012 10:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-70267/24-A

Matrix: Solid | Lab File ID: 21229007.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/27/2012 11:43

Sample wt/vol: 30.00(g) | Date Analyzed: 12/29/2012 14:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70566 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	482		6.7	3.3	3.3
208-96-8	Acenaphthylene	490		6.7	3.3	3.3
120-12-7	Anthracene	520		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	536		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	477		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	490		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	547		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U M	660	330	330
207-08-9	Benzo[k]fluoranthene	530		6.7	3.3	3.3
100-51-6	Benzyl alcohol	546		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	439		100	27	22
111-44-4	Bis(2-chloroethyl)ether	419		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	431		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	601		50	27	19
101-55-3	4-Bromophenyl phenyl ether	471		50	27	13
85-68-7	Butyl benzyl phthalate	610		50	27	10
86-74-8	Carbazole	542		50	27	27
106-47-8	4-Chloroaniline	396		150	27	17
59-50-7	4-Chloro-3-methylphenol	572		150	27	21
91-58-7	2-Chloronaphthalene	410		50	3.3	3.3
95-57-8	2-Chlorophenol	501		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	426		50	27	13
218-01-9	Chrysene	545		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	525		6.7	3.3	3.3
132-64-9	Dibenzofuran	495		50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	400		50	27	9.7
541-73-1	1,3-Dichlorobenzene	378		50	27	11
106-46-7	1,4-Dichlorobenzene	480		50	27	20
91-94-1	3,3'-Dichlorobenzidine	383		100	80	18
120-83-2	2,4-Dichlorophenol	544		150	27	20
84-66-2	Diethyl phthalate	541		50	27	16
105-67-9	2,4-Dimethylphenol	407		150	80	20
131-11-3	Dimethyl phthalate	546		50	27	17
84-74-2	Di-n-butyl phthalate	573		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-70267/24-A

Matrix: Solid | Lab File ID: 21229007.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/27/2012 11:43

Sample wt/vol: 30.00(g) | Date Analyzed: 12/29/2012 14:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70566 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	428		150	80	80
51-28-5	2,4-Dinitrophenol	283	J	330	80	80
121-14-2	2,4-Dinitrotoluene	468		200	27	27
606-20-2	2,6-Dinitrotoluene	477		200	27	21
117-84-0	Di-n-octyl phthalate	523		50	27	27
206-44-0	Fluoranthene	541		6.7	3.3	3.3
86-73-7	Fluorene	511		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	429		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	376		50	27	27
77-47-4	Hexachlorocyclopentadiene	351		330	27	27
67-72-1	Hexachloroethane	420		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	526		6.7	3.3	3.3
78-59-1	Isophorone	538		50	27	13
91-57-6	2-Methylnaphthalene	482		6.7	3.3	3.3
95-48-7	2-Methylphenol	525		200	80	80
15831-10-4	3 & 4 Methylphenol	1090		400	80	20
91-20-3	Naphthalene	484		6.7	3.3	3.3
88-74-4	2-Nitroaniline	570		200	27	9.1
99-09-2	3-Nitroaniline	533		200	80	16
100-01-6	4-Nitroaniline	522		200	27	26
98-95-3	Nitrobenzene	423		100	3.3	2.2
88-75-5	2-Nitrophenol	520		50	27	27
100-02-7	4-Nitrophenol	476		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	532		50	27	27
86-30-6	N-Nitrosodiphenylamine	550		50	27	21
87-86-5	Pentachlorophenol	322		150	80	80
85-01-8	Phenanthrene	511		6.7	3.3	3.3
108-95-2	Phenol	542		50	27	27
129-00-0	Pyrene	533		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	383		50	27	27
95-95-4	2,4,5-Trichlorophenol	551		150	27	25
88-06-2	2,4,6-Trichlorophenol	524		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-70267/24-A

Matrix: Solid | Lab File ID: 21229007.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/27/2012 11:43

Sample wt/vol: 30.00(g) | Date Analyzed: 12/29/2012 14:18

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70566 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	58		45-105
367-12-4	2-Fluorophenol (Surr)	78		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	62		35-100
4165-62-2	Phenol-d5 (Surr)	80		40-100
1718-51-0	Terphenyl-d14 (Surr)	70		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	75		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229007.D
Lims ID: LCS 240-70267/24-A Client ID:
Inject. Date: 29-Dec-2012 14:18:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016269-007
Misc. Info.: LCS 240-70267/24-A =LCS 240-70267/24-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 70566 Lims Sample ID: 7
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\8270 _9.m
Last Update: 31-Dec-2012 10:35:58 Calib Date: 21-Dec-2012 20:45:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm Date: 29-Dec-2012 14:53:22

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.921	5.918	0.003	93	103542	4.00	
* 2 Naphthalene-d8	136	7.033	7.034	-0.001	98	395648	4.00	
* 3 Acenaphthene-d10	164	8.528	8.525	0.003	83	236288	4.00	
* 4 Phenanthrene-d10	188	9.784	9.786	-0.002	97	415733	4.00	
* 5 Chrysene-d12	240	12.337	12.339	-0.002	77	414408	4.00	
* 6 Perylene-d12	264	14.415	14.412	0.003	93	343309	4.00	
$ 7 2-Fluorophenol	112	4.687	4.673	0.014	94	406955	11.7	
$ 8 Phenol-d5	99	5.574	5.571	0.003	0	613159	12.0	
$ 9 Nitrobenzene-d5	82	6.402	6.404	-0.002	85	374291	6.19	
$ 10 2-Fluorobiphenyl (Surr)	172	7.941	7.943	-0.002	99	549879	5.81	
$ 11 2,4,6-Tribromophenol	330	9.191	9.193	-0.002	80	94391	11.2	
$ 12 Terphenyl-d14	244	11.141	11.143	-0.002	99	652505	6.95	
25 1,4-Dioxane	88	2.438	2.456	-0.018	90	68509	3.80	M
26 N-Nitrosodimethylamine	74	2.919	2.921	-0.002	78	180432	6.59	
27 Pyridine	79	2.967	2.974	-0.007	91	292696	6.01	M
31 2-Picoline	93	4.014	4.068	-0.054	91	309115	6.35	M
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79	5.200	5.232	-0.032	90	261036	6.96	
41 Benzaldehyde	77	5.521	5.523	-0.002	88	300025	6.66	
43 Phenol	94	5.585	5.581	0.004	97	469168	8.14	
44 Aniline	93	5.617	5.619	-0.002	96	344129	4.80	
69 Bis(2-chloroethyl)ether	93	5.670	5.672	-0.002	96	343652	6.28	
46 2-Chlorophenol	128	5.729	5.731	-0.002	90	261108	7.51	
47 1,3-Dichlorobenzene	146	5.868	5.870	-0.002	90	255076	5.68	
48 1,4-Dichlorobenzene	146	5.937	5.934	0.003	87	262919	7.20	
49 Benzyl alcohol	108	6.034	6.030	0.004	86	209772	8.18	
50 1,2-Dichlorobenzene	146	6.071	6.073	-0.002	86	261506	6.00	
51 2-Methylphenol	108	6.124	6.126	-0.002	96	297539	7.87	
53 2,2'-oxybis[1-chloropropane]	45	6.151	6.153	-0.002	95	356028	6.47	
21 3 & 4 Methylphenol	108	6.258	6.255	0.003	93	650399	16.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
57 N-Nitrosodi-n-propylamine	70	6.263	6.265	-0.002	73	284965	7.98	
58 Acetophenone	105	6.269	6.271	-0.002	87	429877	7.42	
61 Hexachloroethane	117	6.370	6.372	-0.002	87	120845	6.30	
62 Nitrobenzene	77	6.424	6.420	0.004	79	402547	6.34	
64 Isophorone	82	6.627	6.623	0.004	95	782521	8.06	
66 2-Nitrophenol	139	6.696	6.698	-0.002	93	131237	7.81	
65 2,4-Dimethylphenol	107	6.717	6.719	-0.002	90	257194	6.11	
71 Benzoic acid	122	6.781	6.789	-0.008	52	17378	1.63	M
70 Bis(2-chloroethoxy)methane	93	6.803	6.799	0.004	97	432979	6.58	
73 2,4-Dichlorophenol	162	6.904	6.906	-0.002	93	209729	8.16	
74 1,2,4-Trichlorobenzene	180	6.979	6.981	-0.002	86	216598	5.74	
75 Naphthalene	128	7.054	7.051	0.003	97	756293	7.26	
76 4-Chloroaniline	127	7.086	7.088	-0.002	80	246830	5.94	
79 Hexachlorobutadiene	225	7.150	7.147	0.003	89	118046	5.63	
84 Caprolactam	113	7.364	7.371	-0.007	79	98962	8.31	
86 4-Chloro-3-methylphenol	107	7.481	7.483	-0.002	86	297826	8.58	
94 Safrole, Total	162	7.551	7.577	-0.026	78	193248	7.55	
87 2-Methylnaphthalene	142	7.642	7.638	0.004	85	497337	7.23	
88 1-Methylnaphthalene	142	7.727	7.724	0.003	84	491684	7.61	
89 Hexachlorocyclopentadiene	237	7.770	7.766	0.004	91	121181	5.27	
92 2,4,6-Trichlorophenol	196	7.871	7.873	-0.002	88	155589	7.85	
93 2,4,5-Trichlorophenol	196	7.903	7.905	-0.002	93	175427	8.26	
98 1,1'-Biphenyl	154	8.032	8.028	0.004	96	622495	7.04	
100 2-Chloronaphthalene	162	8.058	8.055	0.003	93	478291	6.16	
102 2-Nitroaniline	65	8.128	8.130	-0.002	74	223198	8.55	
104 1,4-Dinitrobenzene	168	8.240	8.267	-0.027	82	88262	8.48	
105 Dimethyl phthalate	163	8.267	8.269	-0.002	94	572505	8.19	
107 2,6-Dinitrotoluene	165	8.325	8.327	-0.002	79	134971	7.16	
106 1,3-Dinitrobenzene	168	8.304	8.331	-0.027	81	101424	8.20	
108 1,2-Dinitrobenzene	168	8.373	8.375	-0.002	83	73283	7.61	
109 Acenaphthylene	152	8.411	8.413	-0.002	90	823664	7.36	
110 3-Nitroaniline	138	8.475	8.477	-0.002	88	133765	7.99	
112 Acenaphthene	153	8.555	8.557	-0.002	95	515930	7.23	
111 2,4-Dinitrophenol	184	8.560	8.562	-0.002	59	30843	4.25	
113 4-Nitrophenol	109	8.598	8.600	-0.002	89	87966	7.15	
114 2,4-Dinitrotoluene	165	8.667	8.669	-0.002	74	171944	7.02	
116 Dibenzofuran	168	8.699	8.701	-0.002	85	738667	7.43	
118 2,3,5,6-Tetrachlorophenol	232	8.758	8.760	-0.002	83	112379	6.16	
119 2,3,4,6-Tetrachlorophenol	232	8.795	8.822	-0.027	70	120462	7.26	
121 Diethyl phthalate	149	8.860	8.856	0.004	96	606661	8.11	
123 4-Chlorophenyl phenyl ether	204	8.977	8.974	0.003	92	300305	6.40	
125 4-Nitroaniline	138	8.988	8.990	-0.002	60	153524	7.82	
126 Fluorene	166	8.988	8.990	-0.002	73	580856	7.66	
128 4,6-Dinitro-2-methylphenol	198	9.009	9.011	-0.002	76	80581	6.42	
131 N-Nitrosodiphenylamine	169	9.068	9.070	-0.002	98	472450	8.25	
133 Azobenzene	77	9.111	9.107	0.004	95	961785	8.24	
132 1,2-Diphenylhydrazine	77	9.111	9.107	0.004	99	961785	8.24	
137 Phenacetin	108	9.308	9.340	-0.032	88	357591	8.00	
138 Phorate	121	9.314	9.346	-0.032	90	124773	7.94	
139 4-Bromophenyl phenyl ether	248	9.388	9.390	-0.002	72	175828	7.07	
141 Hexachlorobenzene	284	9.453	9.454	-0.001	78	153979	6.43	
142 Atrazine	200	9.501	9.503	-0.002	84	165824	10.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.613	9.615	-0.002	78	65616	4.83	
144 Pronamide	173	9.634	9.666	-0.032	85	254672	8.27	
148 Phenanthrene	178	9.805	9.807	-0.002	83	885233	7.66	
149 Anthracene	178	9.848	9.850	-0.002	87	889179	7.79	
151 Carbazole	167	9.976	9.978	-0.002	81	851022	8.12	
154 Di-n-butyl phthalate	149	10.232	10.229	0.003	100	1111001	8.60	
159 Fluoranthene	202	10.815	10.817	-0.002	98	1034204	8.12	
161 Pyrene	202	11.023	11.025	-0.002	94	1078310	8.00	
164 Chlorobenzilate	139	11.306	11.344	-0.038	88	288476	7.44	
168 Butyl benzyl phthalate	149	11.616	11.618	-0.002	92	478275	9.14	
175 3,3'-Dichlorobenzidine	252	12.268	12.270	-0.002	69	242454	5.75	
173 Bis(2-ethylhexyl) phthalate	149	12.289	12.291	-0.002	95	686768	9.01	
177 Benzo[a]anthracene	228	12.327	12.323	0.004	84	974257	8.05	
178 Chrysene	228	12.369	12.371	-0.002	86	948155	8.17	
180 Di-n-octyl phthalate	149	13.203	13.199	0.004	100	1029422	7.84	
182 Benzo[b]fluoranthene	252	13.833	13.830	0.003	87	841845	7.35	
183 Benzo[k]fluoranthene	252	13.870	13.872	-0.002	89	924937	7.95	
184 Benzo[a]pyrene	252	14.330	14.332	-0.002	77	745519	7.16	
188 Indeno[1,2,3-cd]pyrene	276	16.077	16.073	0.004	84	909625	7.89	
189 Dibenz(a,h)anthracene	278	16.109	16.105	0.004	55	702813	7.87	
190 Benzo[g,h,i]perylene	276	16.526	16.527	-0.001	78	796757	8.20	

QC Flag Legend

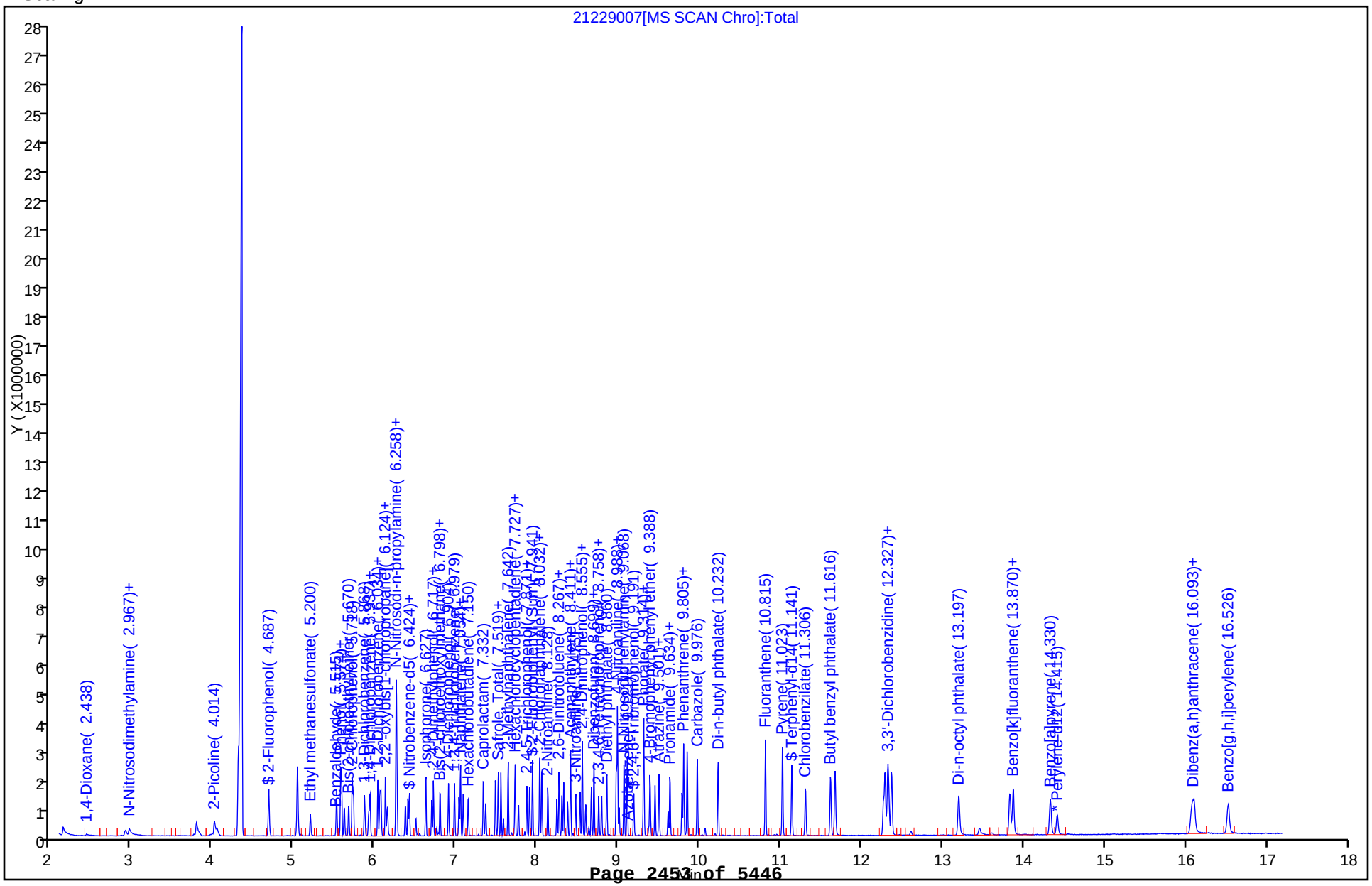
Review Flags
M - Manually Integrated

Report Date: 31-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229007.D		
Injection Date:	29-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

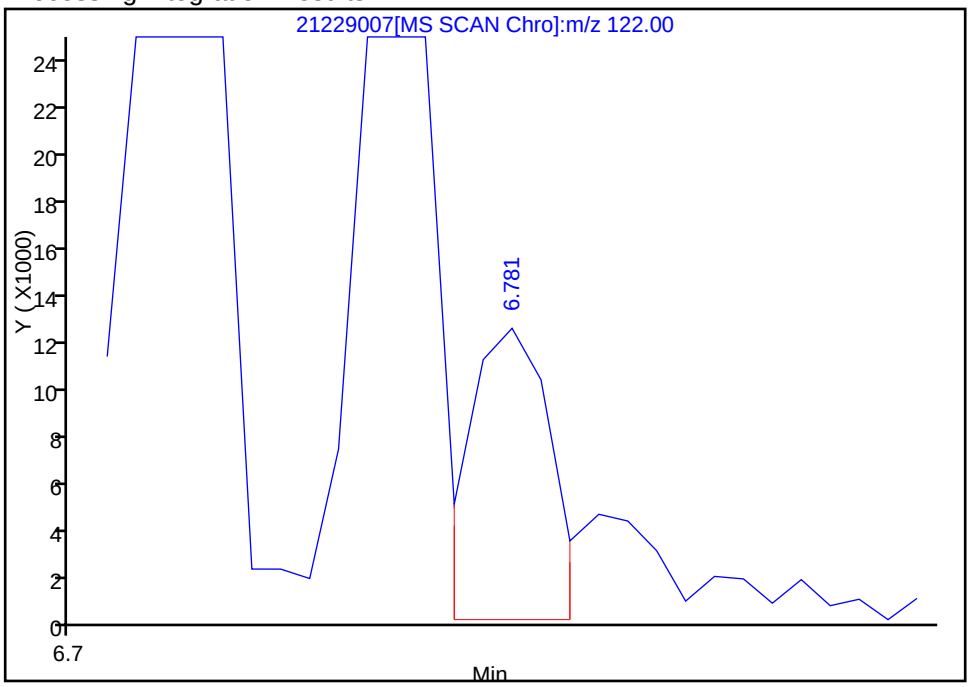
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229007.D		
Injection Date:	29-Dec-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.79

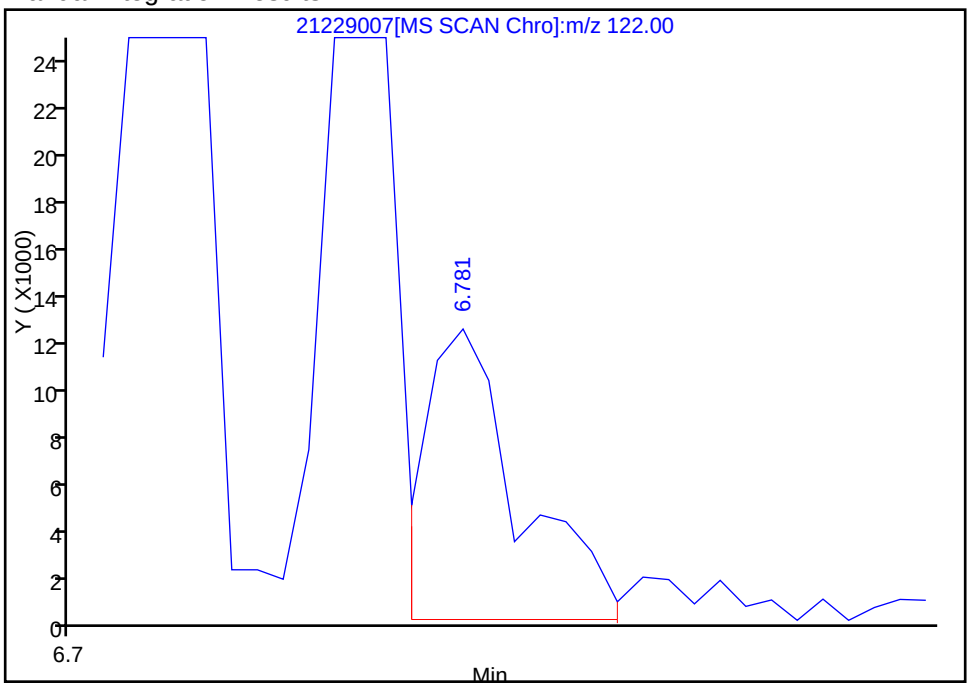
Processing Integration Results

RT: 6.78
Response: 13484
Amount: 1.453960



Manual Integration Results

RT: 6.78
Response: 17378
Amount: 1.627697



Reviewer: ulmanm, 31-Dec-2012 08:54:05
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69932/3

Matrix: Solid | Lab File ID: 21223003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/23/2012 11:25

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.16		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.16		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.26		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.24		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.43		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.24		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.42		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.37		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.52		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.86		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.18		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	4.97		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.18		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.24		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.13		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.20		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.14		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.17		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.13		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.17		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.26		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.26		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.99		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.03		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.18		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.21		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.24		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.22		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.01		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.17		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.11		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.07		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	5.05		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	10.4		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69932/3

Matrix: Solid | Lab File ID: 21223003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/23/2012 11:25

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.10		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.07		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.78		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.10		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.13		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.23		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.09		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	5.40		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.01		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.42		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.02		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.93		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.19		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.01		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.10		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.00		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.28		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.17		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.17		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.13		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.17		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.11		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.19		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.8		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	5.16		0.00020	0.00010	0.00010
108-95-2	Phenol	5.20		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.35		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.24		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.07		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.51		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69932/3

Matrix: Solid | Lab File ID: 21223003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/23/2012 11:25

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	103		50-150
367-12-4	2-Fluorophenol (Surr)	102		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	102	Q	50-150
4165-62-2	Phenol-d5 (Surr)	102	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	104		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	109		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223003.D
Lims ID: mrl qc
Client ID:
Inject. Date: 23-Dec-2012 11:25:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016131-003
Misc. Info.: MRL QC
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 69932
Lims Sample ID: 3
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj
Date: 23-Dec-2012 12:02:44

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.880	5.886	-0.006	96	237288	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	100	936613	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	92	547982	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	864379	4.00	
* 5 Chrysene-d12	240	12.272	12.272	0.0	96	891834	4.00	
* 6 Perylene-d12	264	14.320	14.320	0.0	96	719780	4.00	
$ 7 2-Fluorophenol	112	4.623	4.629	-0.006	94	370939	5.10	
$ 8 Phenol-d5	99	5.522	5.522	0.0	89	492378	5.08	
$ 9 Nitrobenzene-d5	82	6.367	6.367	0.0	92	528252	5.12	
$ 10 2-Fluorobiphenyl (Surr)	172	7.902	7.907	-0.005	100	1013892	5.16	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	92	100645	5.46	
$ 12 Terphenyl-d14	244	11.095	11.095	0.0	98	945839	5.18	
22 3-Methylcatechol	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
21 Octachlorostyrene	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
14 4-Methylcatechol	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
15 Catechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
242 Triphenyl Phosphate TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
24 1,4-Dioxane	88	2.425	2.425	0.0	82	156498	4.66	M
25 N-Nitrosodimethylamine	74	2.880	2.880	0.0	82	234792	5.08	
26 Pyridine	79	2.944	2.944	0.0	88	374584	4.55	
232 1-Methyl-2-pyrrilidinone	99	3.233	3.271	-0.038	0	116	0	
18 Dimethylformamide	73		3.545					
27 Ethyl methacrylate	69	3.586	3.591	-0.005	88	339443	5.05	
28 3-Chloropropionitrile	54	3.965	3.966	-0.001	86	327355	5.12	
30 2-Picoline	93		4.067					9
31 N-Nitrosomethylethylamine	88		4.201					9
32 Malononitrile	66	4.329	4.324	0.005	96	446314	4.68	
33 Acrylamide	71	4.484	4.485	-0.001	1	119	0	
34 Methyl methanesulfonate	80		4.522					
29 3-Picoline	93		4.586					
233 n,n'-Dimethylacetamide	44	4.596	4.613	-0.017	0	643	0	
35 N-Nitrosodiethylamine	102		4.928					
36 Ethyl methanesulfonate	79		5.217					9
37 2-Methylcyclohexanone	68	5.426	5.426	0.0	1	166	0	
38 3-Methylcyclohexanone	69	5.458	5.463	-0.005	10	119	0	
40 Benzaldehyde	77	5.484	5.485	-0.001	93	413380	5.39	
39 4-Methylcyclohexanone	55	5.484	5.511	-0.027	1	1117	0	
41 Phenol	94	5.538	5.538	0.0	98	527781	5.20	
43 Aniline	93	5.581	5.581	0.0	97	673227	5.10	
42 Phenylmercaptan	110		5.581					9
44 Bis(2-chloroethyl)ether	93	5.634	5.634	0.0	93	489135	4.97	
45 Pentachloroethane	167		5.683					
46 2-Chlorophenol	128	5.688	5.688	0.0	96	411139	5.13	
47 1,3-Dichlorobenzene	146	5.832	5.832	0.0	95	539163	5.18	
48 1,4-Dichlorobenzene	146	5.896	5.896	0.0	89	450543	5.21	
49 Benzyl alcohol	108	5.992	5.993	-0.001	89	242937	4.86	
50 1,2-Dichlorobenzene	146	6.035	6.035	0.0	92	501555	5.03	
51 2-Methylphenol	108	6.083	6.084	-0.001	97	378127	5.19	
52 2,2'-oxybis[1-chloropropane]	45	6.115	6.116	-0.001	91	705166	5.02	
53 Indene	115		6.159					9
191 3 & 4 Methylphenol	108	6.212	6.212	0.0	98	391868	5.01	
56 N-Nitrosodi-n-propylamine	70	6.228	6.228	0.0	88	299248	5.11	
57 Acetophenone	105	6.233	6.233	0.0	92	583744	5.16	
55 N-Nitrosopyrrolidine	100		6.255					9
58 N-Nitrosomorpholine	56		6.287					9
59 2-Toluidine	106		6.308					9
60 Hexachloroethane	117	6.335	6.335	0.0	91	205144	5.01	
61 Nitrobenzene	77	6.383	6.388	-0.005	90	551444	5.17	
62 N-Nitrosopiperidine	114		6.560					
63 Isophorone	82	6.592	6.592	0.0	96	780413	5.02	
65 2-Nitrophenol	139	6.661	6.661	0.0	97	196604	5.13	
66 1,3,5-Trichlorobenzene	180	6.672	6.672	0.0	93	445511	5.34	
64 2,4-Dimethylphenol	107	6.677	6.677	0.0	92	411647	5.17	
69 Benzoic acid	122	6.725	6.741	-0.016	81	408185	9.37	
68 Bis(2-chloroethoxy)methane	93	6.763	6.768	-0.005	97	604260	5.18	
67 o,o',o''-Triethylphosphorothioat	198		6.779					
71 2,4-Dichlorophenol	162	6.864	6.864	0.0	96	324694	5.22	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.886					9
72 1,2,4-Trichlorobenzene	180	6.945	6.945	0.0	93	436594	5.24	
73 Naphthalene	128	7.014	7.020	-0.006	96	1166851	5.10	
74 4-Chloroaniline	127	7.051	7.052	-0.001	84	491260	5.09	
75 2,6-Dichlorophenol	162		7.100					9
77 Hexachlorobutadiene	225	7.116	7.116	0.0	93	230030	5.09	
76 Hexachloropropene	213		7.132					
78 1,2,3-Trichlorobenzene	180	7.137	7.137	0.0	89	403165	0	
79 Benzothiazole	135		7.277					9
83 Caprolactam	113	7.330	7.335	-0.005	73	116282	5.65	
80 Quinoline	129		7.341					9
81 N-Nitrosodi-n-butylamine	84		7.362					
82 p-Phenylene diamine	108		7.389					9
84 4-Chloro-3-methylphenol	107	7.442	7.442	0.0	97	341562	5.14	
93 Safrole, Total	162		7.560					
85 2-Methylnaphthalene	142	7.602	7.603	-0.001	89	740750	4.93	
86 1-Methylnaphthalene	142	7.688	7.688	0.0	91	718035	5.10	
87 1,2,3,5-Tetrachlorobenzene	216	7.731	7.731	0.0	91	417512	5.31	
88 Hexachlorocyclopentadiene	237	7.731	7.736	-0.005	72	249979	5.40	
89 1,2,4,5-Tetrachlorobenzene	216		7.785					
225 Isosafrole Peak 1	162		7.806					
90 2,4,6-Trichlorophenol	196	7.832	7.833	-0.001	93	237771	5.51	
91 2,4,5-Trichlorophenol	196	7.864	7.865	-0.001	95	238927	5.07	
94 2,4-Toluene diamine	121	7.971	7.977	-0.006	95	245737	5.52	
96 1,2,3,4 -Tetrachlorobenzene	216	7.988	7.988	0.0	87	406417	0	
95 1,1'-Biphenyl	154	7.993	7.993	0.0	95	911114	5.06	
227 Isosafrole Peak 2	162		7.993					
98 2-Chloronaphthalene	162	8.020	8.020	0.0	96	885250	5.17	
97 3,4-Dichloronitrobenzene	109		8.063					9
100 2-Nitroaniline	65	8.089	8.095	-0.006	77	242351	5.00	
99 Phenyl ether	170		8.122					
101 1,4-Naphthoquinone	158		8.202					
103 Dimethyl phthalate	163	8.234	8.234	0.0	98	803612	5.11	
102 1,4-Dinitrobenzene	168		8.245					
105 2,6-Dinitrotoluene	165	8.287	8.287	0.0	89	198471	5.07	
104 1,3-Dinitrobenzene	168		8.303					
106 1,2-Dinitrobenzene	168	8.335	8.341	-0.006	88	102955	5.13	
107 Acenaphthylene	152	8.373	8.373	0.0	97	1160576	5.16	
108 3-Nitroaniline	138	8.437	8.437	0.0	92	204653	5.28	
110 Acenaphthene	153	8.517	8.517	0.0	95	724259	5.16	
109 2,4-Dinitrophenol	184	8.522	8.523	-0.001	69	193799	10.4	
111 4-Nitrophenol	109	8.549	8.549	0.0	92	118257	5.17	
112 2,4-Dinitrotoluene	165	8.629	8.630	-0.001	82	273706	5.10	
114 Dibenzofuran	168	8.661	8.662	-0.001	88	1031891	4.99	
113 Pentachlorobenzene	250		8.667					9
115 2,3,5,6-Tetrachlorophenol	232	8.720	8.720	0.0	92	195582	5.24	
116 1-Naphthylamine	143		8.769					9
117 2,3,4,6-Tetrachlorophenol	232		8.796					
119 Diethyl phthalate	149	8.822	8.822	0.0	97	787565	5.01	
118 2-Naphthylamine	143		8.833					
120 Thionazin	97		8.935					9
121 4-Chlorophenyl phenyl ether	204	8.940	8.940	0.0	96	474907	5.17	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.950	8.950	0.0	73	846099	5.13	
123 4-Nitroaniline	138	8.950	8.950	0.0	65	198703	5.17	
126 4,6-Dinitro-2-methylphenol	198	8.972	8.972	0.0	79	123534	5.05	
122 N-Nitro-o-toluidine	152		8.988					
125 Tributyl phosphate	99		9.025					
130 N-Nitrosodiphenylamine	169	9.030	9.031	-0.001	0	608319	5.19	
131 Azobenzene	77	9.073	9.073	0.0	99	934751	5.18	
129 1,2-Diphenylhydrazine	77	9.073	9.073	0.0	0	934751	5.18	
128 Diphenylamine	169	9.030	9.074	-0.044	90	608317	4.68	
132 Sulfotepp	202		9.186					
133 1,3,5-Trinitrobenzene	213		9.272					
228 Diallate Peak 1	86		9.309					
135 Phenacetin	108		9.314					9
136 Phorate	121		9.320					9
137 4-Bromophenyl phenyl ether	248	9.351	9.352	-0.001	69	262852	5.24	
230 Diallate Peak 2	86		9.389					
139 Hexachlorobenzene	284	9.416	9.416	0.0	89	261098	5.23	
140 Atrazine	200	9.464	9.464	0.0	88	182968	5.55	
138 Dimethoate	87		9.464					9
141 Pentachlorophenol	266	9.571	9.571	0.0	82	307029	10.8	
127 4-Aminobiphenyl	169		9.614					9
143 Pentachloronitrobenzene	237		9.630					9
142 Pronamide	173		9.641					
145 Dinoseb	211		9.753					
144 Disulfoton	88		9.758					
146 Phenanthrene	178	9.763	9.769	-0.006	97	1197268	5.16	
147 Anthracene	178	9.811	9.812	-0.001	97	1217480	5.26	
148 DFTPP								
149 Carbazole	167	9.934	9.935	-0.001	82	1153149	5.20	
150 Methyl parathion	109		10.079					9
151 Di-n-butyl phthalate	149	10.191	10.191	0.0	100	1272926	5.07	
152 Diphenylsulfone	125		10.250					9
153 Ethyl Parathion	97		10.400					
154 4-Nitroquinoline-1-oxide	190		10.454					
155 Methapyrilene	58		10.496					9
156 Isodrin	66		10.694					9
157 Fluoranthene	202	10.769	10.769	0.0	98	1298109	5.10	
158 Benzidine	184	10.865	10.865	0.0	100	481138	4.96	
160 Pyrene	202	10.977	10.978	-0.001	97	1381606	5.35	
164 4,4'-DDE	246		11.036					9
226 Aramite Peak 1	185		11.095					
229 Aramite Peak 2	185		11.170					
161 p-Dimethylamino azobenzene	225		11.277					
162 Chlorobenzilate	139		11.309					
163 4,4'-DDD	235		11.400					
166 Butyl benzyl phthalate	149	11.566	11.566	0.0	96	536991	5.13	
165 Famphur	218		11.566					
167 3,3'-Dimethylbenzidine	212		11.625					9
168 4,4'-DDT	235		11.684					
169 2-Acetylaminofluorene	181		11.908					
170 3,3'-Dimethoxybenzidine	244	12.165	12.165	0.0	93	227224	4.62	
172 4,4'-Methylene bis(2-chloroanili	231	12.208	12.208	0.0	72	223281	5.30	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.208	12.208	0.0	69	444129	5.24	
171 Bis(2-ethylhexyl) phthalate	149	12.229	12.229	0.0	96	784311	5.18	
175 Benzo[a]anthracene	228	12.256	12.256	0.0	94	1207970	5.24	
176 Chrysene	228	12.304	12.304	0.0	95	1148583	5.26	
174 Hexabromobenzene	232		12.383					
177 6-Methylchrysene	242		12.973					
178 Di-n-octyl phthalate	149	13.122	13.128	-0.006	99	1138408	4.78	
180 Benzo[b]fluoranthene	252	13.743	13.743	0.0	94	1125909	5.24	
181 Benzo[k]fluoranthene	252	13.785	13.786	-0.001	99	1273315	5.52	
179 7,12-Dimethylbenz(a)anthracene	256		13.807					
182 Benzo[a]pyrene	252	14.240	14.240	0.0	75	1097275	5.43	
183 3-Methylcholanthrene	268		14.850					9
184 Dibenz[a,j]acridine	279		15.695					
185 Dibenz[a,h]acridine	279		15.765					
186 Indeno[1,2,3-cd]pyrene	276	15.957	15.963	-0.005	97	1162401	5.42	
187 Dibenz(a,h)anthracene	278	15.989	15.989	0.0	82	959217	5.26	
188 Benzo[g,h,i]perylene	276	16.396	16.396	0.0	90	1018211	5.42	
S 189 Methyl Phenols,Total	100				0		5.19	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110	7.298	0.0	7.298	72	107583	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.040	3.050	-0.010	1	428	0	
T 194 Octadecane (TIC)	254	15.567	6.300	9.267	72	23495	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

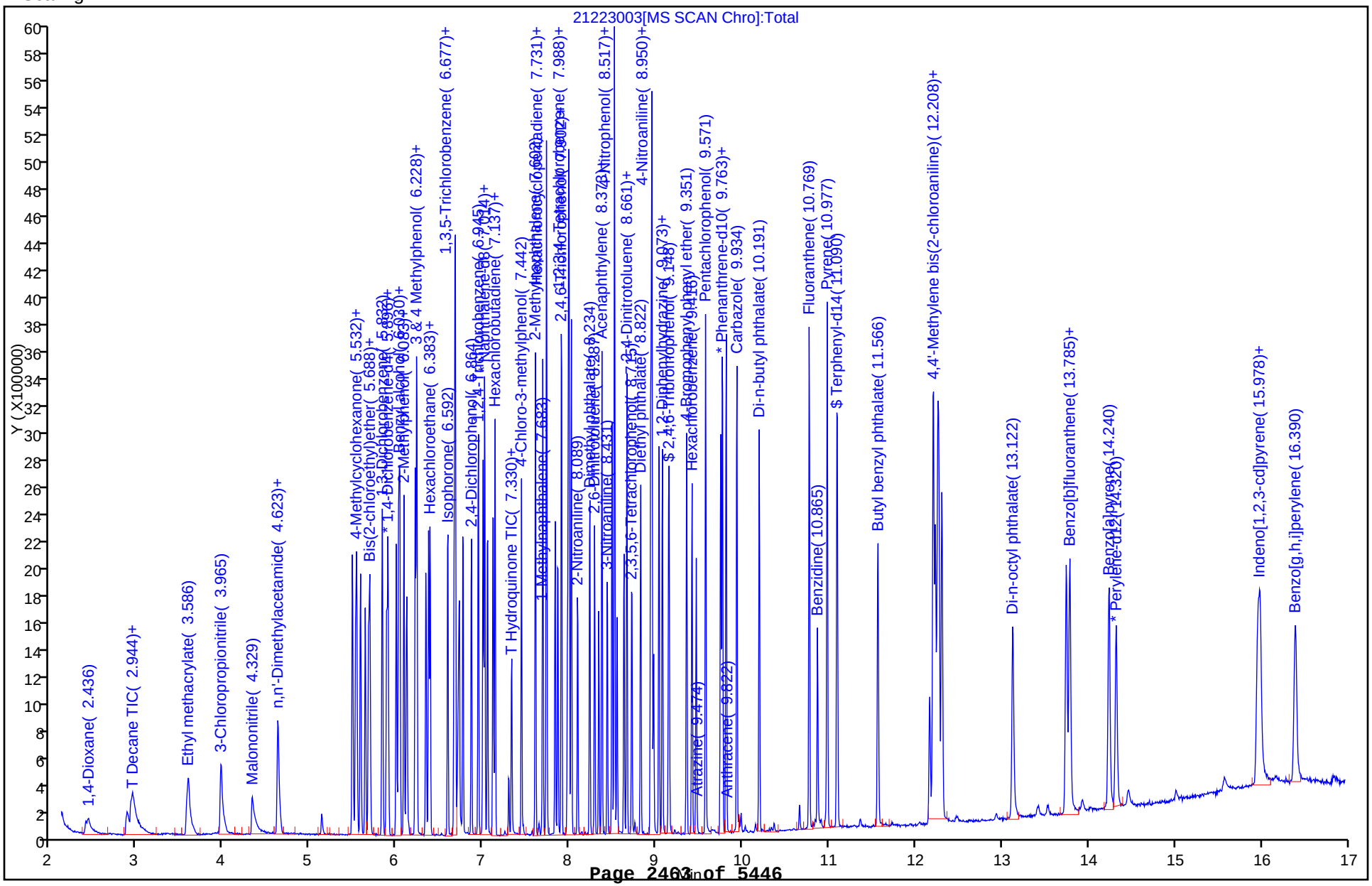
Report Date: 24-Dec-2012 12:29:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223003.D

Injection Date:	23-Dec-2012 11:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69932/24

Matrix: Solid | Lab File ID: 21223024.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/23/2012 19:50

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.14		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.25		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.17		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.17		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.31		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.29		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.19		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.53		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.08		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.12		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.97		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.04		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.09		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.21		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.22		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.10		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.16		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.23		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.10		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.19		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.05		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.10		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	5.10		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.05		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.06		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.25		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.19		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.19		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.14		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.18		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.18		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.14		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.67		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.16		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69932/24

Matrix: Solid | Lab File ID: 21223024.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/23/2012 19:50

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.43		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.19		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.02		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.04		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.27		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.00		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.22		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.82		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.06		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.34		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.99		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.05		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.16		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	4.96		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.06		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.27		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.64		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.64		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.02		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.17		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.11		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.01		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.05		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.9		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	5.02		0.00020	0.00010	0.00010
108-95-2	Phenol	5.14		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.18		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.31		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.25		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.40		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69932/24

Matrix: Solid | Lab File ID: 21223024.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/23/2012 19:50

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	104		50-150
367-12-4	2-Fluorophenol (Surr)	102		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	100		50-150
4165-62-2	Phenol-d5 (Surr)	102	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	100		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	115		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223024.D
Lims ID: mrl qccl
Client ID:
Inject. Date: 23-Dec-2012 19:50:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016131-024
Misc. Info.: MRL QCCL
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 24
Lims Batch ID: 69932
Lims Sample ID: 24
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj
Date: 24-Dec-2012 08:37:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.886	5.886	0.0	96	283725	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	100	1134664	4.00	
* 3 Acenaphthene-d10	164	8.491	8.490	0.001	91	662252	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	1095774	4.00	
* 5 Chrysene-d12	240	12.272	12.272	0.0	91	1147587	4.00	
* 6 Perylene-d12	264	14.321	14.320	0.001	91	932937	4.00	
$ 7 2-Fluorophenol	112	4.629	4.629	0.0	94	444447	5.11	
$ 8 Phenol-d5	99	5.522	5.522	0.0	88	591960	5.11	
$ 9 Nitrobenzene-d5	82	6.367	6.367	0.0	94	627202	5.02	
$ 10 2-Fluorobiphenyl (Surr)	172	7.908	7.907	0.001	100	1239639	5.22	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	92	127701	5.73	
$ 12 Terphenyl-d14	244	11.090	11.095	-0.005	98	1170776	4.99	
22 3-Methylcatechol	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
21 Octachlorostyrene	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
14 4-Methylcatechol	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
15 Catechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
242 Triphenyl Phosphate TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
24 1,4-Dioxane	88	2.436	2.425	0.011	93	184992	4.61	M
25 N-Nitrosodimethylamine	74	2.880	2.880	0.0	87	276189	5.00	
26 Pyridine	79	2.949	2.944	0.005	90	483262	4.91	
232 1-Methyl-2-pyrrilidinone	99		3.271					
18 Dimethylformamide	73		3.545					
27 Ethyl methacrylate	69	3.591	3.591	0.0	91	403901	5.03	
28 3-Chloropropionitrile	54	3.971	3.966	0.005	84	360572	4.72	
30 2-Picoline	93		4.067					
31 N-Nitrosomethylethylamine	88		4.201					
32 Malononitrile	66	4.324	4.324	0.0	96	562714	4.93	
33 Acrylamide	71	4.490	4.485	0.005	10	138	0	
34 Methyl methanesulfonate	80		4.522					
29 3-Picoline	93		4.586					
233 n,n'-Dimethylacetamide	44	4.623	4.613	0.010	0	2899	0	
35 N-Nitrosodiethylamine	102		4.928					
36 Ethyl methanesulfonate	79		5.217					9
37 2-Methylcyclohexanone	68	5.426	5.426	0.0	1	295	0	
38 3-Methylcyclohexanone	69	5.469	5.463	0.006	1	376	0	
40 Benzaldehyde	77	5.485	5.485	0.0	90	502118	5.48	
39 4-Methylcyclohexanone	55	5.538	5.511	0.027	27	56935	0	
41 Phenol	94	5.538	5.538	0.0	98	624644	5.14	
43 Aniline	93	5.581	5.581	0.0	96	791345	5.02	
42 Phenylmercaptan	110		5.581					9
44 Bis(2-chloroethyl)ether	93	5.634	5.634	0.0	92	593247	5.04	
45 Pentachloroethane	167		5.683					
46 2-Chlorophenol	128	5.688	5.688	0.0	95	489273	5.10	
47 1,3-Dichlorobenzene	146	5.832	5.832	0.0	95	629633	5.06	
48 1,4-Dichlorobenzene	146	5.896	5.896	0.0	90	542551	5.25	
49 Benzyl alcohol	108	5.993	5.993	0.0	87	306117	5.12	
50 1,2-Dichlorobenzene	146	6.036	6.035	0.001	93	601227	5.05	
51 2-Methylphenol	108	6.084	6.084	0.0	97	449640	5.16	
52 2,2'-oxybis[1-chloropropane]	45	6.116	6.116	0.0	92	830578	4.95	
53 Indene	115		6.159					9
191 3 & 4 Methylphenol	108	6.212	6.212	0.0	97	464090	4.96	
56 N-Nitrosodi-n-propylamine	70	6.228	6.228	0.0	92	350601	5.01	
57 Acetophenone	105	6.233	6.233	0.0	95	681406	5.04	
55 N-Nitrosopyrrolidine	100		6.255					9
58 N-Nitrosomorpholine	56		6.287					
59 2-Toluidine	106		6.308					9
60 Hexachloroethane	117	6.335	6.335	0.0	92	247615	5.06	
61 Nitrobenzene	77	6.383	6.388	-0.005	90	649553	5.02	
62 N-Nitrosopiperidine	114		6.560					
63 Isophorone	82	6.592	6.592	0.0	97	939529	4.99	
65 2-Nitrophenol	139	6.661	6.661	0.0	94	240207	5.17	
66 1,3,5-Trichlorobenzene	180	6.672	6.672	0.0	95	536429	5.31	
64 2,4-Dimethylphenol	107	6.677	6.677	0.0	89	499625	5.18	
69 Benzoic acid	122	6.725	6.741	-0.016	86	504125	9.53	
68 Bis(2-chloroethoxy)methane	93	6.763	6.768	-0.005	96	701434	4.97	
67 o,o',o''-Triethylphosphorothioat	198		6.779					
71 2,4-Dichlorophenol	162	6.865	6.864	0.001	96	391014	5.19	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.886					
72 1,2,4-Trichlorobenzene	180	6.945	6.945	0.0	93	536634	5.31	
73 Naphthalene	128	7.014	7.020	-0.006	96	1401845	5.06	
74 4-Chloroaniline	127	7.052	7.052	0.0	83	594498	5.08	
75 2,6-Dichlorophenol	162		7.100					9
77 Hexachlorobutadiene	225	7.116	7.116	0.0	90	286292	5.22	
76 Hexachloropropene	213		7.132					9
78 1,2,3-Trichlorobenzene	180	7.137	7.137	0.0	91	500336	0	
79 Benzothiazole	135		7.277					9
83 Caprolactam	113	7.330	7.335	-0.005	71	140496	5.64	
80 Quinoline	129		7.341					9
81 N-Nitrosodi-n-butylamine	84		7.362					
82 p-Phenylene diamine	108		7.389					
84 4-Chloro-3-methylphenol	107	7.442	7.442	0.0	96	415870	5.16	
93 Safrole, Total	162		7.560					
85 2-Methylnaphthalene	142	7.603	7.603	0.0	87	918216	5.05	
86 1-Methylnaphthalene	142	7.688	7.688	0.0	84	869982	5.10	
87 1,2,3,5-Tetrachlorobenzene	216	7.731	7.731	0.0	92	505025	5.31	
88 Hexachlorocyclopentadiene	237	7.731	7.736	-0.005	89	269618	4.82	
89 1,2,4,5-Tetrachlorobenzene	216		7.785					
225 Isosafrole Peak 1	162		7.806					
90 2,4,6-Trichlorophenol	196	7.833	7.833	0.0	93	281442	5.40	
91 2,4,5-Trichlorophenol	196	7.865	7.865	0.0	94	298520	5.25	
94 2,4-Toluene diamine	121	7.972	7.977	-0.005	97	285847	5.30	
96 1,2,3,4 -Tetrachlorobenzene	216	7.988	7.988	0.0	85	493022	0	
95 1,1'-Biphenyl	154	7.993	7.993	0.0	95	1112048	5.11	
227 Isosafrole Peak 2	162		7.993					
98 2-Chloronaphthalene	162	8.020	8.020	0.0	96	1082513	5.23	
97 3,4-Dichloronitrobenzene	109		8.063					9
100 2-Nitroaniline	65	8.089	8.095	-0.006	77	308713	5.27	
99 Phenyl ether	170		8.122					
101 1,4-Naphthoquinone	158		8.202					
103 Dimethyl phthalate	163	8.234	8.234	0.0	98	985440	5.18	
102 1,4-Dinitrobenzene	168		8.245					
105 2,6-Dinitrotoluene	165	8.287	8.287	0.0	90	245898	5.19	
104 1,3-Dinitrobenzene	168		8.303					
106 1,2-Dinitrobenzene	168	8.335	8.341	-0.006	87	125560	5.17	
107 Acenaphthylene	152	8.373	8.373	0.0	97	1429285	5.25	
108 3-Nitroaniline	138	8.437	8.437	0.0	93	264249	5.64	
110 Acenaphthene	153	8.517	8.517	0.0	93	871838	5.14	
109 2,4-Dinitrophenol	184	8.523	8.523	0.0	65	202813	9.16	
111 4-Nitrophenol	109	8.549	8.549	0.0	94	141025	5.11	
112 2,4-Dinitrotoluene	165	8.630	8.630	0.0	84	353957	5.43	
114 Dibenzofuran	168	8.662	8.662	0.0	87	1276315	5.10	
113 Pentachlorobenzene	250		8.667					9
115 2,3,5,6-Tetrachlorophenol	232	8.721	8.720	0.001	89	240875	5.34	
116 1-Naphthylamine	143		8.769					9
117 2,3,4,6-Tetrachlorophenol	232		8.796					
119 Diethyl phthalate	149	8.822	8.822	0.0	96	975413	5.14	
118 2-Naphthylamine	143		8.833					
120 Thionazin	97		8.935					9
121 4-Chlorophenyl phenyl ether	204	8.940	8.940	0.0	95	576828	5.19	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.951	8.950	0.001	82	1051383	5.27	
123 4-Nitroaniline	138	8.951	8.950	0.001	82	261782	5.64	
126 4,6-Dinitro-2-methylphenol	198	8.972	8.972	0.0	75	142911	4.67	
122 N-Nitro-o-toluidine	152		8.988					
125 Tributyl phosphate	99		9.025					
130 N-Nitrosodiphenylamine	169	9.031	9.031	0.0	0	749378	5.05	
131 Azobenzene	77	9.074	9.073	0.001	99	1150298	5.03	
129 1,2-Diphenylhydrazine	77	9.074	9.073	0.001	0	1148545	5.02	
128 Diphenylamine	169	9.031	9.074	-0.043	90	749376	4.55	
132 Sulfotepp	202		9.186					
133 1,3,5-Trinitrobenzene	213		9.272					
228 Diallate Peak 1	86		9.309					
135 Phenacetin	108		9.314					
136 Phorate	121		9.320					9
137 4-Bromophenyl phenyl ether	248	9.352	9.352	0.0	69	331224	5.21	
230 Diallate Peak 2	86		9.389					
139 Hexachlorobenzene	284	9.416	9.416	0.0	88	316055	5.00	
140 Atrazine	200	9.464	9.464	0.0	89	232864	5.57	
138 Dimethoate	87		9.464					9
141 Pentachlorophenol	266	9.571	9.571	0.0	85	393373	10.9	
127 4-Aminobiphenyl	169		9.614					9
143 Pentachloronitrobenzene	237		9.630					9
142 Pronamide	173		9.641					
145 Dinoseb	211		9.753					
144 Disulfoton	88		9.758					
146 Phenanthrene	178	9.764	9.769	-0.005	97	1476705	5.02	
147 Anthracene	178	9.812	9.812	0.0	97	1518432	5.17	
148 DFTPP								
149 Carbazole	167	9.935	9.935	0.0	82	1436176	5.10	
150 Methyl parathion	109		10.079					9
151 Di-n-butyl phthalate	149	10.191	10.191	0.0	100	1635703	5.14	
152 Diphenylsulfone	125		10.250					9
153 Ethyl Parathion	97		10.400					9
154 4-Nitroquinoline-1-oxide	190		10.454					
155 Methapyrilene	58		10.496					9
156 Isodrin	66		10.694					9
157 Fluoranthene	202	10.769	10.769	0.0	98	1628227	5.04	
158 Benzidine	184	10.865	10.865	0.0	98	604271	4.85	
160 Pyrene	202	10.978	10.978	0.0	96	1719845	5.18	
164 4,4'-DDE	246		11.036					9
226 Aramite Peak 1	185		11.095					
229 Aramite Peak 2	185		11.170					
161 p-Dimethylamino azobenzene	225		11.277					
162 Chlorobenzilate	139		11.309					
163 4,4'-DDD	235		11.400					9
166 Butyl benzyl phthalate	149	11.566	11.566	0.0	96	703299	5.22	
165 Famphur	218		11.566					
167 3,3'-Dimethylbenzidine	212		11.625					9
168 4,4'-DDT	235		11.684					
169 2-Acetylaminofluorene	181		11.908					
170 3,3'-Dimethoxybenzidine	244	12.160	12.165	-0.005	91	319981	4.99	
172 4,4'-Methylene bis(2-chloroanili	231	12.202	12.208	-0.006	72	280762	5.19	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.202	12.208	-0.006	67	565757	5.19	
171 Bis(2-ethylhexyl) phthalate	149	12.224	12.229	-0.005	96	990434	5.09	
175 Benzo[a]anthracene	228	12.256	12.256	0.0	95	1535090	5.17	
176 Chrysene	228	12.304	12.304	0.0	96	1417930	5.05	
174 Hexabromobenzene	232		12.383					
177 6-Methylchrysene	242		12.973					
178 Di-n-octyl phthalate	149	13.122	13.128	-0.006	100	1558914	5.02	
180 Benzo[b]fluoranthene	252	13.743	13.743	0.0	95	1473505	5.29	
181 Benzo[k]fluoranthene	252	13.780	13.786	-0.006	95	1519536	5.08	
179 7,12-Dimethylbenz(a)anthracene	256		13.807					
182 Benzo[a]pyrene	252	14.235	14.240	-0.005	74	1389786	5.31	
183 3-Methylcholanthrene	268		14.850					9
184 Dibenz[a,j]acridine	279		15.695					
185 Dibenz[a,h]acridine	279		15.765					9
186 Indeno[1,2,3-cd]pyrene	276	15.957	15.963	-0.005	93	1485222	5.34	
187 Dibenz(a,h)anthracene	278	15.984	15.989	-0.005	72	1206498	5.10	
188 Benzo[g,h,i]perylene	276	16.390	16.396	-0.006	95	1264277	5.19	
S 189 Methyl Phenols,Total	100				0		5.16	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110	7.298	0.0	7.298	90	138676	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.072	3.050	0.022	1	156	0	
T 194 Octadecane (TIC)	254	13.411	6.300	7.111	87	83880	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

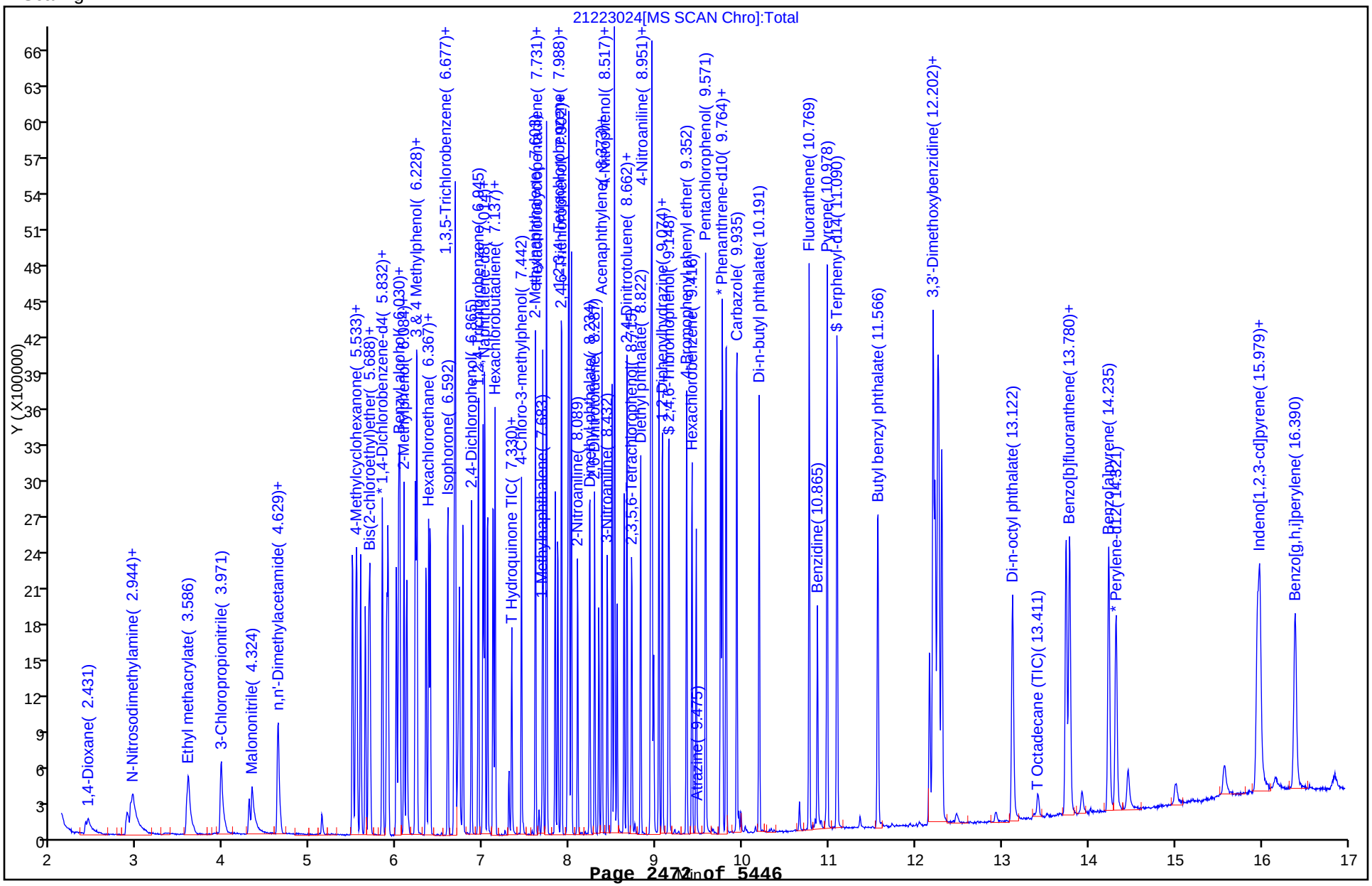
Review Flags
M - Manually Integrated

Report Date: 24-Dec-2012 12:29:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223024.D		
Injection Date:	23-Dec-2012 19:50:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	24
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69977/3

Matrix: Solid | Lab File ID: 21224003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/24/2012 09:37

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.72		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.92		0.00020	0.00010	0.00010
120-12-7	Anthracene	4.82		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.69		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.09		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.93		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.02		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.38		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.22		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.71		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.92		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	4.88		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	4.60		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	4.86		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.50		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.83		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	4.90		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.74		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.01		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.86		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.89		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.08		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.66		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	4.89		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.97		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.00		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	4.88		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	4.92		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.68		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.01		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.81		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.65		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.67		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.66		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69977/3

Matrix: Solid | Lab File ID: 21224003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/24/2012 09:37

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	4.95		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	4.88		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.18		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.70		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.81		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.88		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.07		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.26		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.88		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.11		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.72		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.77		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	4.86		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	4.70		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.90		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	4.84		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	4.90		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.16		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	4.92		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.04		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.97		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	4.92		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.84		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.78		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.69		0.00020	0.00010	0.00010
108-95-2	Phenol	4.96		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.92		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.95		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.10		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	4.95		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69977/3

Matrix: Solid | Lab File ID: 21224003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/24/2012 09:37

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	98		50-150
367-12-4	2-Fluorophenol (Surr)	100		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	96		50-150
4165-62-2	Phenol-d5 (Surr)	98		50-150
1718-51-0	Terphenyl-d14 (Surr)	94		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	100		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224003.D
Lims ID: mrl qc
Client ID:
Inject. Date: 24-Dec-2012 09:37:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016144-003
Misc. Info.: MRL QC
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 69977
Lims Sample ID: 3
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj
Date: 24-Dec-2012 09:57:32

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.873	5.873	0.0	97	224939	4.00	
* 2 Naphthalene-d8	136	6.991	6.991	0.0	100	903126	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	94	537810	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	863815	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	91	903493	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	92	701950	4.00	
$ 7 2-Fluorophenol	112	4.616	4.616	0.0	93	346192	5.02	
$ 8 Phenol-d5	99	5.515	5.515	0.0	89	451082	4.91	
$ 9 Nitrobenzene-d5	82	6.360	6.360	0.0	93	478233	4.81	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	947180	4.91	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	88	90716	5.02	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	98	871083	4.71	
23 Octachlorocyclopentene	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
15 Catechol	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
21 Octachlorostyrene	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
14 4-Methylcatechol	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
24 1,4-Dioxane	88	2.407	2.402	0.005	96	147179	4.63	M
25 N-Nitrosodimethylamine	74	2.862	2.851	0.011	85	204748	4.68	
26 Pyridine	79	2.921	2.910	0.011	89	358109	4.59	
232 1-Methyl-2-pyrrilidinone	99		3.271					14
18 Dimethylformamide	73		3.545					
27 Ethyl methacrylate	69	3.568	3.568	0.0	91	300657	4.72	
28 3-Chloropropionitrile	54	3.953	3.953	0.0	85	297592	4.91	
30 2-Picoline	93		4.067					9
31 N-Nitrosomethylethylamine	88		4.201					
32 Malononitrile	66	4.317	4.311	0.006	96	393020	4.34	
33 Acrylamide	71	4.504	4.485	0.019	19	197	0	
34 Methyl methanesulfonate	80		4.522					9
29 3-Picoline	93		4.586					
233 n,n'-Dimethylacetamide	44	4.611	4.613	-0.002	0	3302	0	
35 N-Nitrosodiethylamine	102		4.928					
36 Ethyl methanesulfonate	79		5.217					9
37 2-Methylcyclohexanone	68	5.419	5.426	-0.007	1	269	0	
38 3-Methylcyclohexanone	69	5.461	5.463	-0.002	1	273	0	
40 Benzaldehyde	77	5.477	5.477	0.0	90	389805	5.36	
39 4-Methylcyclohexanone	55	5.526	5.511	0.015	28	43979	0	
41 Phenol	94	5.526	5.531	-0.005	97	477656	4.96	
43 Aniline	93	5.574	5.574	0.0	98	621751	4.97	
42 Phenylmercaptan	110		5.581					
44 Bis(2-chloroethyl)ether	93	5.627	5.627	0.0	93	455844	4.88	
46 2-Chlorophenol	128	5.681	5.681	0.001	96	380863	5.01	
45 Pentachloroethane	167		5.683					
47 1,3-Dichlorobenzene	146	5.825	5.825	0.0	96	490750	4.97	
48 1,4-Dichlorobenzene	146	5.889	5.889	0.0	91	409426	5.00	
49 Benzyl alcohol	108	5.986	5.985	0.001	89	223199	4.71	
50 1,2-Dichlorobenzene	146	6.028	6.028	0.0	93	461934	4.89	
51 2-Methylphenol	108	6.076	6.076	0.0	98	336001	4.86	
52 2,2'-oxybis[1-chloropropane]	45	6.109	6.108	0.001	91	646270	4.85	
53 Indene	115		6.159					9
191 3 & 4 Methylphenol	108	6.205	6.205	0.0	97	349011	4.70	
56 N-Nitrosodi-n-propylamine	70	6.221	6.221	0.0	89	273113	4.92	
57 Acetophenone	105	6.226	6.226	0.0	92	544836	5.08	
55 N-Nitrosopyrrolidine	100		6.255					9
58 N-Nitrosomorpholine	56		6.287					9
59 2-Toluidine	106		6.308					9
60 Hexachloroethane	117	6.328	6.328	0.0	91	189292	4.88	
61 Nitrobenzene	77	6.376	6.376	0.0	87	506863	4.92	
62 N-Nitrosopiperidine	114		6.560					
63 Isophorone	82	6.579	6.579	0.0	97	706542	4.72	
65 2-Nitrophenol	139	6.654	6.654	0.0	97	186467	5.04	
66 1,3,5-Trichlorobenzene	180	6.665	6.665	0.0	94	409034	5.08	
64 2,4-Dimethylphenol	107	6.670	6.670	0.0	81	384619	5.01	
69 Benzoic acid	122	6.718	6.729	-0.011	86	393684	9.38	
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	97	553125	4.92	
67 o,o',o''-Triethylphosphorothioat	198		6.779					
71 2,4-Dichlorophenol	162	6.857	6.857	0.0	97	294762	4.92	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.886					
72 1,2,4-Trichlorobenzene	180	6.938	6.937	0.001	93	397911	4.95	
73 Naphthalene	128	7.007	7.007	0.0	96	1080529	4.90	
74 4-Chloroaniline	127	7.039	7.039	0.0	86	460376	4.94	
75 2,6-Dichlorophenol	162		7.100					9
77 Hexachlorobutadiene	225	7.103	7.103	0.0	93	220994	5.07	
78 1,2,3-Trichlorobenzene	180	7.130	7.130	0.0	89	370099	0	
76 Hexachloropropene	213		7.132					9
79 Benzothiazole	135		7.277					9
83 Caprolactam	113	7.317	7.323	-0.006	69	104351	5.26	
80 Quinoline	129		7.341					
81 N-Nitrosodi-n-butylamine	84		7.362					9
82 p-Phenylene diamine	108		7.389					9
84 4-Chloro-3-methylphenol	107	7.435	7.435	0.0	94	314507	4.90	
93 Safrole, Total	162		7.560					
85 2-Methylnaphthalene	142	7.595	7.595	0.0	91	690948	4.77	
86 1-Methylnaphthalene	142	7.681	7.681	0.0	89	660454	4.86	
87 1,2,3,5-Tetrachlorobenzene	216	7.724	7.724	0.0	95	381329	4.94	
88 Hexachlorocyclopentadiene	237	7.724	7.724	0.0	90	193851	4.26	
89 1,2,4,5-Tetrachlorobenzene	216		7.785					
225 Isosafrole Peak 1	162		7.806					
90 2,4,6-Trichlorophenol	196	7.820	7.825	-0.005	95	209436	4.95	
91 2,4,5-Trichlorophenol	196	7.852	7.852	0.0	94	235618	5.10	
94 2,4-Toluene diamine	121	7.965	7.964	0.001	94	196646	4.58	
96 1,2,3,4 -Tetrachlorobenzene	216	7.975	7.975	0.0	95	374800	0	
95 1,1'-Biphenyl	154	7.986	7.986	0.0	94	844310	4.77	
227 Isosafrole Peak 2	162		7.993					
98 2-Chloronaphthalene	162	8.013	8.013	0.0	97	796673	4.74	
97 3,4-Dichloronitrobenzene	109		8.063					9
100 2-Nitroaniline	65	8.082	8.082	0.0	76	230238	4.84	
99 Phenyl ether	170		8.122					9
101 1,4-Naphthoquinone	158		8.202					
103 Dimethyl phthalate	163	8.221	8.221	0.0	97	742561	4.81	
102 1,4-Dinitrobenzene	168		8.245					
105 2,6-Dinitrotoluene	165	8.280	8.280	0.0	86	187112	4.88	
104 1,3-Dinitrobenzene	168		8.303					
106 1,2-Dinitrobenzene	168	8.328	8.328	0.0	88	95536	4.87	
107 Acenaphthylene	152	8.366	8.366	0.0	95	1087419	4.92	
108 3-Nitroaniline	138	8.425	8.424	0.0	90	186261	4.90	
110 Acenaphthene	153	8.510	8.510	0.0	92	649135	4.72	
109 2,4-Dinitrophenol	184	8.510	8.510	0.0	71	175259	9.66	
111 4-Nitrophenol	109	8.537	8.542	-0.005	93	111103	4.97	
112 2,4-Dinitrotoluene	165	8.617	8.617	0.0	84	260335	4.95	
114 Dibenzofuran	168	8.649	8.654	-0.005	89	946826	4.66	
113 Pentachlorobenzene	250		8.667					9
115 2,3,5,6-Tetrachlorophenol	232	8.708	8.708	0.0	83	176525	4.82	
116 1-Naphthylamine	143		8.769					9
117 2,3,4,6-Tetrachlorophenol	232		8.796					
119 Diethyl phthalate	149	8.810	8.809	0.001	97	721946	4.68	
118 2-Naphthylamine	143		8.833					9
121 4-Chlorophenyl phenyl ether	204	8.927	8.927	0.0	96	438047	4.86	
120 Thionazin	97		8.935					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.938	8.938	0.0	80	194334	5.16	
124 Fluorene	166	8.943	8.943	0.0	79	779484	4.81	
126 4,6-Dinitro-2-methylphenol	198	8.959	8.965	-0.006	64	112636	4.67	
122 N-Nitro-o-toluidine	152		8.988					
130 N-Nitrosodiphenylamine	169	9.024	9.023	0.001	0	565946	4.84	
125 Tributyl phosphate	99		9.025					
131 Azobenzene	77	9.061	9.061	0.0	99	867659	4.81	
129 1,2-Diphenylhydrazine	77	9.061	9.061	0.0	0	867665	4.81	
128 Diphenylamine	169	9.024	9.074	-0.050	91	565946	4.36	
132 Sulfotepp	202		9.186					
133 1,3,5-Trinitrobenzene	213		9.272					
228 Diallate Peak 1	86		9.309					14
135 Phenacetin	108		9.314					9
136 Phorate	121		9.320					9
137 4-Bromophenyl phenyl ether	248	9.344	9.344	0.0	68	243378	4.86	
230 Diallate Peak 2	86		9.389					
139 Hexachlorobenzene	284	9.403	9.403	0.0	84	243066	4.88	
140 Atrazine	200	9.451	9.457	-0.006	88	168680	5.12	
138 Dimethoate	87		9.464					9
141 Pentachlorophenol	266	9.564	9.564	0.0	88	278987	9.78	
127 4-Aminobiphenyl	169		9.614					9
143 Pentachloronitrobenzene	237		9.630					9
142 Pronamide	173		9.641					
145 Dinoseb	211		9.753					
146 Phenanthrene	178	9.756	9.756	0.0	97	1087765	4.69	
144 Disulfoton	88		9.758					9
147 Anthracene	178	9.799	9.799	0.0	98	1114965	4.82	
149 Carbazole	167	9.922	9.922	0.0	82	1071371	4.83	
148 DFTPP								
150 Methyl parathion	109		10.079					
151 Di-n-butyl phthalate	149	10.179	10.184	-0.005	100	1164487	4.65	
152 Diphenylsulfone	125		10.250					
153 Ethyl Parathion	97		10.400					9
154 4-Nitroquinoline-1-oxide	190		10.454					
155 Methapyrilene	58		10.496					9
156 Isodrin	66		10.694					9
157 Fluoranthene	202	10.757	10.762	-0.005	97	1195236	4.70	
158 Benzidine	184	10.853	10.853	0.0	99	422665	4.37	
160 Pyrene	202	10.965	10.965	0.0	98	1286071	4.92	
164 4,4'-DDE	246		11.019					9
226 Aramite Peak 1	185	11.077	11.095	-0.018	16	4112	0.3602	
229 Aramite Peak 2	185	11.142	11.170	-0.028	1	293	0.2276	
161 p-Dimethylamino azobenzene	225		11.277					
162 Chlorobenzilate	139		11.309					
163 4,4'-DDD	235		11.388					
166 Butyl benzyl phthalate	149	11.548	11.548	0.0	97	477433	4.50	
165 Famphur	218		11.566					
167 3,3'-Dimethylbenzidine	212		11.625					9
168 4,4'-DDT	235		11.671					
169 2-Acetylaminofluorene	181		11.908					
170 3,3'-Dimethoxybenzidine	244	12.142	12.147	-0.005	90	181393	3.80	
173 3,3'-Dichlorobenzidine	252	12.185	12.184	0.001	69	418579	4.88	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.185	12.190	-0.005	70	201157	4.74	
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	97	700935	4.60	
175 Benzo[a]anthracene	228	12.238	12.238	0.0	96	1096360	4.69	
176 Chrysene	228	12.286	12.286	0.0	94	1081439	4.89	
174 Hexabromobenzene	232		12.383					
177 6-Methylchrysene	242		12.973					
178 Di-n-octyl phthalate	149	13.099	13.099	0.0	99	959545	4.18	
180 Benzo[b]fluoranthene	252	13.720	13.720	0.0	95	1033705	4.93	
181 Benzo[k]fluoranthene	252	13.757	13.757	0.0	99	1173957	5.22	
179 7,12-Dimethylbenz(a)anthracene	256		13.807					
182 Benzo[a]pyrene	252	14.212	14.212	0.0	75	1003440	5.09	
183 3-Methylcholanthrene	268		14.850					
184 Dibenz[a,j]acridine	279		15.695					9
185 Dibenz[a,h]acridine	279		15.765					
186 Indeno[1,2,3-cd]pyrene	276	15.923	15.923	0.0	97	1068014	5.11	
187 Dibenz(a,h)anthracene	278	15.950	15.950	0.0	77	903755	5.08	
188 Benzo[g,h,i]perylene	276	16.357	16.356	0.001	91	918607	5.02	
S 189 Methyl Phenols,Total	100				0		4.86	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185				0		0.5878	
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110	7.285	0.0	7.285	90	92426	0	
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.236	3.050	0.186	1	112	0	
T 194 Octadecane (TIC)	254	14.431	6.300	8.131	90	64030	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

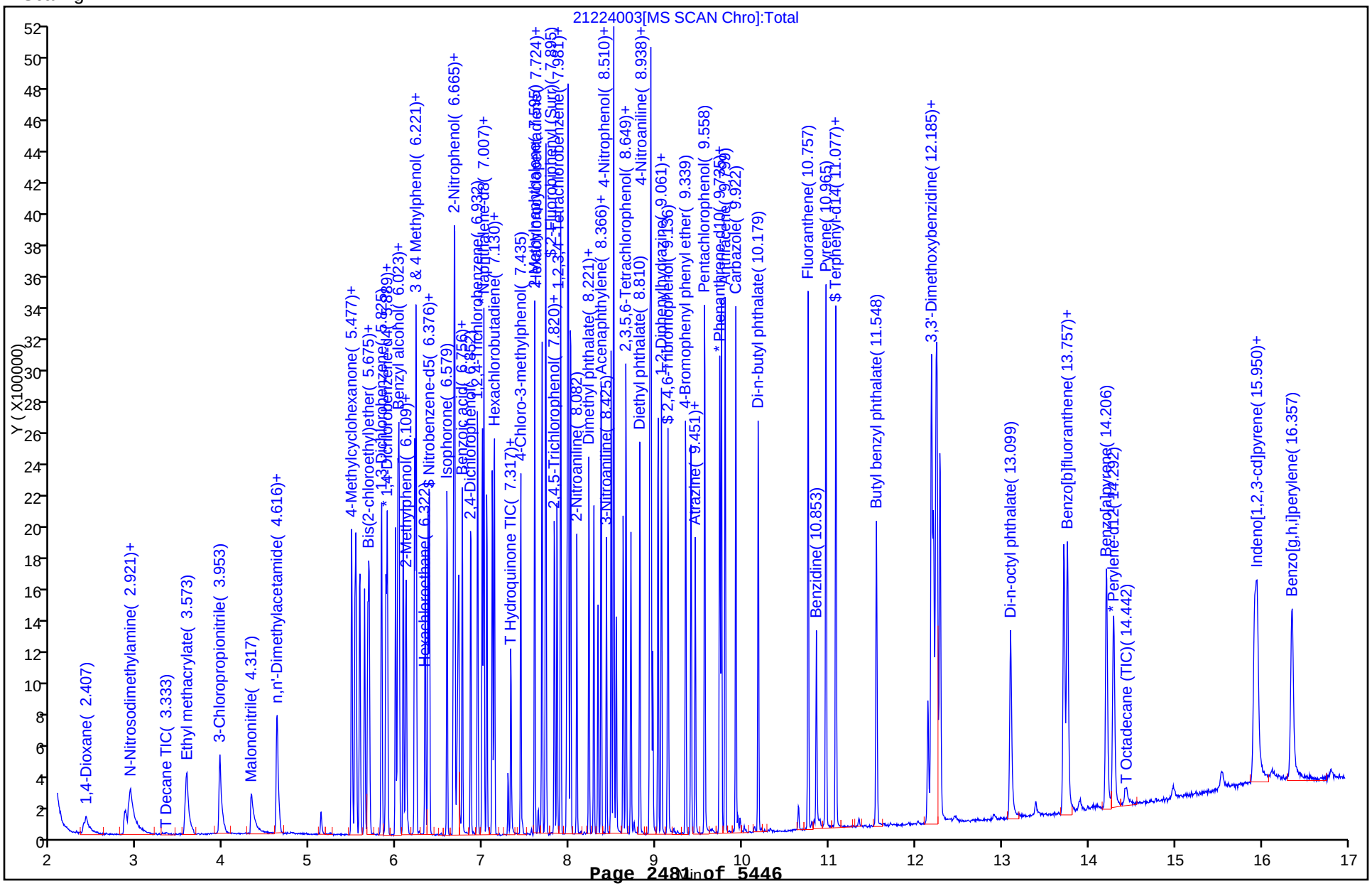
Report Date: 26-Dec-2012 13:04:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224003.D

Injection Date:	24-Dec-2012 09:37:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69977/27

Matrix: Solid | Lab File ID: 21224027.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/24/2012 18:59

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.80		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.93		0.00020	0.00010	0.00010
120-12-7	Anthracene	4.90		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.82		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.02		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.76		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.95		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	8.29		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	4.83		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.62		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.86		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	4.86		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	4.93		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	4.94		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.95		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.83		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	4.96		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.88		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	4.97		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.87		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.93		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.94		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.74		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	4.90		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.91		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	4.97		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.06		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	4.97		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.88		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.01		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.90		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.83		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.69		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.04		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69977/27

Matrix: Solid | Lab File ID: 21224027.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/24/2012 18:59

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	4.99		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	4.99		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.61		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.73		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.92		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.96		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.04		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.55		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.85		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.17		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.91		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.75		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.02		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	4.86		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.78		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.00		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	4.96		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.23		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	4.93		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.00		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.88		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.02		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	0.00080	U ^	0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.4		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.72		0.00020	0.00010	0.00010
108-95-2	Phenol	4.90		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.87		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.99		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.18		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.13		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69977/27

Matrix: Solid | Lab File ID: 21224027.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/24/2012 18:59

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	98		50-150
367-12-4	2-Fluorophenol (Surr)	101		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	97		50-150
4165-62-2	Phenol-d5 (Surr)	101	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	94		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	105		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224027.D
Lims ID: mrl qccl
Client ID:
Inject. Date: 24-Dec-2012 18:59:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016144-027
Misc. Info.: MRL QCCL
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 27
Lims Batch ID: 69977
Lims Sample ID: 27
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:45
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj
Date: 26-Dec-2012 12:54:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.873	5.873	0.0	97	275929	4.00	
* 2 Naphthalene-d8	136	6.991	6.991	0.0	100	1119618	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	90	664048	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	1090727	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	95	1145882	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	91	951647	4.00	
$ 7 2-Fluorophenol	112	4.616	4.616	0.0	93	427629	5.05	
$ 8 Phenol-d5	99	5.515	5.515	0.0	89	567237	5.03	
$ 9 Nitrobenzene-d5	82	6.360	6.360	0.0	93	597165	4.84	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	1161149	4.88	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	85	117058	5.24	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	98	1098987	4.69	
23 Octachlorocyclopentene	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
15 Catechol	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
21 Octachlorostyrene	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
14 4-Methylcatechol	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
24 1,4-Dioxane	88	2.402	2.402	0.0	96	180140	4.62	
25 N-Nitrosodimethylamine	74	2.862	2.851	0.011	91	261097	4.86	
26 Pyridine	79	2.920	2.910	0.010	90	481120	5.03	
232 1-Methyl-2-pyrrilidinone	99		3.271					
18 Dimethylformamide	73		3.545					
27 Ethyl methacrylate	69	3.568	3.568	0.0	89	349321	4.47	
28 3-Chloropropionitrile	54	3.953	3.953	0.0	85	374670	5.04	
30 2-Picoline	93		4.067					
31 N-Nitrosomethylethylamine	88		4.201					9
32 Malononitrile	66	4.316	4.311	0.005	96	535900	4.83	
33 Acrylamide	71	4.557	4.485	0.072	31	354	0	
34 Methyl methanesulfonate	80		4.522					9
29 3-Picoline	93		4.586					
233 n,n'-Dimethylacetamide	44	4.605	4.613	-0.008	0	4201	0	
35 N-Nitrosodiethylamine	102		4.928					
36 Ethyl methanesulfonate	79		5.217					9
37 2-Methylcyclohexanone	68	5.418	5.426	-0.008	3	151	0	
38 3-Methylcyclohexanone	69	5.461	5.463	-0.002	1	103	0	
40 Benzaldehyde	77	5.477	5.477	0.0	89	476036	5.34	
39 4-Methylcyclohexanone	55	5.525	5.511	0.014	32	59758	0	
41 Phenol	94	5.525	5.531	-0.006	96	578195	4.90	
43 Aniline	93	5.573	5.574	-0.001	97	777739	5.07	
42 Phenylmercaptan	110		5.581					
44 Bis(2-chloroethyl)ether	93	5.627	5.627	0.0	92	556231	4.86	
46 2-Chlorophenol	128	5.680	5.681	0.0	96	463784	4.97	
45 Pentachloroethane	167		5.683					
47 1,3-Dichlorobenzene	146	5.825	5.825	0.0	96	594613	4.91	
48 1,4-Dichlorobenzene	146	5.889	5.889	0.0	91	499496	4.97	
49 Benzyl alcohol	108	5.985	5.985	0.0	89	268511	4.62	
50 1,2-Dichlorobenzene	146	6.028	6.028	0.0	94	567424	4.90	
51 2-Methylphenol	108	6.076	6.076	0.0	96	425453	5.02	
52 2,2'-oxybis[1-chloropropane]	45	6.108	6.108	0.0	88	780056	4.78	
53 Indene	115		6.159					9
191 3 & 4 Methylphenol	108	6.205	6.205	0.0	96	442457	4.86	
56 N-Nitrosodi-n-propylamine	70	6.221	6.221	0.0	87	342003	5.02	
57 Acetophenone	105	6.226	6.226	0.0	89	661161	5.03	
55 N-Nitrosopyrrolidine	100		6.255					9
58 N-Nitrosomorpholine	56		6.287					
59 2-Toluidine	106		6.308					
60 Hexachloroethane	117	6.328	6.328	0.0	93	230502	4.85	
61 Nitrobenzene	77	6.376	6.376	0.0	87	629506	4.93	
62 N-Nitrosopiperidine	114		6.560					
63 Isophorone	82	6.579	6.579	0.0	97	910897	4.91	
65 2-Nitrophenol	139	6.654	6.654	0.0	96	229252	5.00	
66 1,3,5-Trichlorobenzene	180	6.665	6.665	0.0	94	499942	5.01	
64 2,4-Dimethylphenol	107	6.670	6.670	0.0	73	476938	5.01	
69 Benzoic acid	122	6.718	6.729	-0.011	86	422575	8.29	
68 Bis(2-chloroethoxy)methane	93	6.755	6.756	-0.001	97	676864	4.86	
67 o,o',o''-Triethylphosphorothioat	198		6.779					
71 2,4-Dichlorophenol	162	6.857	6.857	0.0	96	369012	4.97	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.886					
72 1,2,4-Trichlorobenzene	180	6.937	6.937	0.0	94	497611	4.99	
73 Naphthalene	128	7.007	7.007	0.0	96	1307818	4.78	
74 4-Chloroaniline	127	7.039	7.039	0.0	83	570856	4.95	
75 2,6-Dichlorophenol	162		7.100					9
77 Hexachlorobutadiene	225	7.103	7.103	0.0	93	272361	5.04	
78 1,2,3-Trichlorobenzene	180	7.130	7.130	0.0	90	465899	0	
76 Hexachloropropene	213		7.132					9
79 Benzothiazole	135		7.277					9
83 Caprolactam	113	7.322	7.323	-0.001	73	133694	5.43	
80 Quinoline	129		7.341					9
81 N-Nitrosodi-n-butylamine	84		7.362					
82 p-Phenylene diamine	108		7.389					9
84 4-Chloro-3-methylphenol	107	7.435	7.435	0.0	94	394192	4.96	
93 Safrole, Total	162		7.560					
85 2-Methylnaphthalene	142	7.595	7.595	0.0	92	853507	4.75	
86 1-Methylnaphthalene	142	7.681	7.681	0.0	90	819644	4.87	
87 1,2,3,5-Tetrachlorobenzene	216	7.724	7.724	0.0	95	484025	5.08	
88 Hexachlorocyclopentadiene	237	7.724	7.724	0.0	85	255586	4.55	
89 1,2,4,5-Tetrachlorobenzene	216		7.785					
225 Isosafrole Peak 1	162		7.806					
90 2,4,6-Trichlorophenol	196	7.820	7.825	-0.005	95	267869	5.13	
91 2,4,5-Trichlorophenol	196	7.852	7.852	0.0	94	295750	5.18	
94 2,4-Toluene diamine	121	7.964	7.964	0.0	95	250497	4.70	
96 1,2,3,4 -Tetrachlorobenzene	216	7.975	7.975	0.0	95	462551	0	
95 1,1'-Biphenyl	154	7.986	7.986	0.0	94	1054757	4.83	
227 Isosafrole Peak 2	162		7.993					
98 2-Chloronaphthalene	162	8.007	8.013	-0.006	97	1012775	4.88	
97 3,4-Dichloronitrobenzene	109		8.063					9
100 2-Nitroaniline	65	8.082	8.082	0.0	78	293775	5.00	
99 Phenyl ether	170		8.122					
101 1,4-Naphthoquinone	158		8.202					
103 Dimethyl phthalate	163	8.221	8.221	0.0	97	934974	4.90	
102 1,4-Dinitrobenzene	168		8.245					
105 2,6-Dinitrotoluene	165	8.280	8.280	0.0	91	236327	4.99	
104 1,3-Dinitrobenzene	168		8.303					
106 1,2-Dinitrobenzene	168	8.328	8.328	0.0	88	120090	4.95	
107 Acenaphthylene	152	8.365	8.366	-0.001	92	1346044	4.93	
108 3-Nitroaniline	138	8.424	8.424	0.0	89	233035	4.96	
110 Acenaphthene	153	8.504	8.510	-0.006	93	816085	4.80	
109 2,4-Dinitrophenol	184	8.510	8.510	0.0	70	200027	9.04	
111 4-Nitrophenol	109	8.537	8.542	-0.005	93	134399	4.88	
112 2,4-Dinitrotoluene	165	8.617	8.617	0.0	83	324409	4.99	
114 Dibenzofuran	168	8.649	8.654	-0.005	88	1188285	4.74	
113 Pentachlorobenzene	250		8.667					9
115 2,3,5,6-Tetrachlorophenol	232	8.708	8.708	0.0	90	226257	5.00	
116 1-Naphthylamine	143		8.769					9
117 2,3,4,6-Tetrachlorophenol	232		8.796					
119 Diethyl phthalate	149	8.809	8.809	0.0	96	929923	4.88	
118 2-Naphthylamine	143		8.833					9
121 4-Chlorophenyl phenyl ether	204	8.927	8.927	0.0	95	542446	4.87	
120 Thionazin	97		8.935					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.938	8.938	0.0	80	243373	5.23	
124 Fluorene	166	8.943	8.943	0.0	88	984519	4.92	
126 4,6-Dinitro-2-methylphenol	198	8.964	8.965	-0.001	78	142818	4.69	
122 N-Nitro-o-toluidine	152		8.988					
130 N-Nitrosodiphenylamine	169		9.023					
125 Tributyl phosphate	99		9.025					9
131 Azobenzene	77	9.061	9.061	0.0	99	1091633	4.79	
129 1,2-Diphenylhydrazine	77		9.061					
128 Diphenylamine	169		9.074					
132 Sulfotepp	202		9.186					
133 1,3,5-Trinitrobenzene	213		9.272					
228 Diallate Peak 1	86		9.309					1
135 Phenacetin	108		9.314					9
136 Phorate	121		9.320					9
137 4-Bromophenyl phenyl ether	248	9.344	9.344	0.0	67	312452	4.94	
230 Diallate Peak 2	86		9.389					1
139 Hexachlorobenzene	284	9.403	9.403	0.0	87	312525	4.96	
140 Atrazine	200	9.451	9.457	-0.006	89	214467	5.16	
138 Dimethoate	87		9.464					9
141 Pentachlorophenol	266	9.564	9.564	0.0	88	375184	10.4	
127 4-Aminobiphenyl	169		9.614					9
143 Pentachloronitrobenzene	237		9.630					9
142 Pronamide	173		9.641					
145 Dinoseb	211		9.753					
146 Phenanthrene	178	9.756	9.756	0.0	97	1383332	4.72	
144 Disulfoton	88		9.758					9
147 Anthracene	178	9.799	9.799	0.0	97	1432978	4.90	
149 Carbazole	167	9.922	9.922	0.0	82	1351477	4.83	
148 DFTPP								
150 Methyl parathion	109		10.079					9
151 Di-n-butyl phthalate	149	10.179	10.184	-0.005	100	1529902	4.83	
152 Diphenylsulfone	125		10.250					
153 Ethyl Parathion	97		10.400					
154 4-Nitroquinoline-1-oxide	190		10.454					
155 Methapyrilene	58		10.496					
156 Isodrin	66		10.694					9
157 Fluoranthene	202	10.756	10.762	-0.006	98	1518988	4.73	
158 Benzidine	184	10.853	10.853	0.0	99	576020	4.66	
160 Pyrene	202	10.965	10.965	0.0	97	1613051	4.87	
164 4,4'-DDE	246		11.019					9
226 Aramite Peak 1	185		11.095					
229 Aramite Peak 2	185		11.170					
161 p-Dimethylamino azobenzene	225		11.277					
162 Chlorobenzilate	139		11.309					
163 4,4'-DDD	235		11.388					
166 Butyl benzyl phthalate	149	11.548	11.548	0.0	97	666532	4.95	
165 Famphur	218		11.566					
167 3,3'-Dimethylbenzidine	212		11.625					9
168 4,4'-DDT	235		11.671					
169 2-Acetylaminofluorene	181		11.908					
170 3,3'-Dimethoxybenzidine	244	12.142	12.147	-0.005	91	318056	4.97	
173 3,3'-Dichlorobenzidine	252	12.184	12.184	0.0	67	550592	5.06	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.184	12.190	-0.006	72	269626	5.00	
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	96	956326	4.93	
175 Benzo[a]anthracene	228	12.238	12.238	0.0	95	1428339	4.82	
176 Chrysene	228	12.286	12.286	0.0	94	1384524	4.93	
174 Hexabromobenzene	232		12.383					
177 6-Methylchrysene	242		12.973					
178 Di-n-octyl phthalate	149	13.099	13.099	0.0	99	1449969	4.61	
180 Benzo[b]fluoranthene	252	13.714	13.720	-0.006	93	1351420	4.76	
181 Benzo[k]fluoranthene	252	13.757	13.757	0.0	99	1471575	4.83	
179 7,12-Dimethylbenz(a)anthracene	256		13.807					
182 Benzo[a]pyrene	252	14.206	14.212	-0.006	76	1339792	5.02	
183 3-Methylcholanthrene	268		14.850					
184 Dibenz[a,j]acridine	279		15.695					9
185 Dibenz[a,h]acridine	279		15.765					9
186 Indeno[1,2,3-cd]pyrene	276	15.923	15.923	0.0	94	1465652	5.17	
187 Dibenz(a,h)anthracene	278	15.944	15.950	-0.006	80	1191889	4.94	
188 Benzo[g,h,i]perylene	276	16.356	16.356	0.0	91	1228132	4.95	
S 189 Methyl Phenols,Total	100				0		5.02	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110	7.290	0.0	7.290	87	123596	0	
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.076	3.050	0.026	1	122	0	
T 194 Octadecane (TIC)	254	14.976	6.300	8.676	90	107065	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

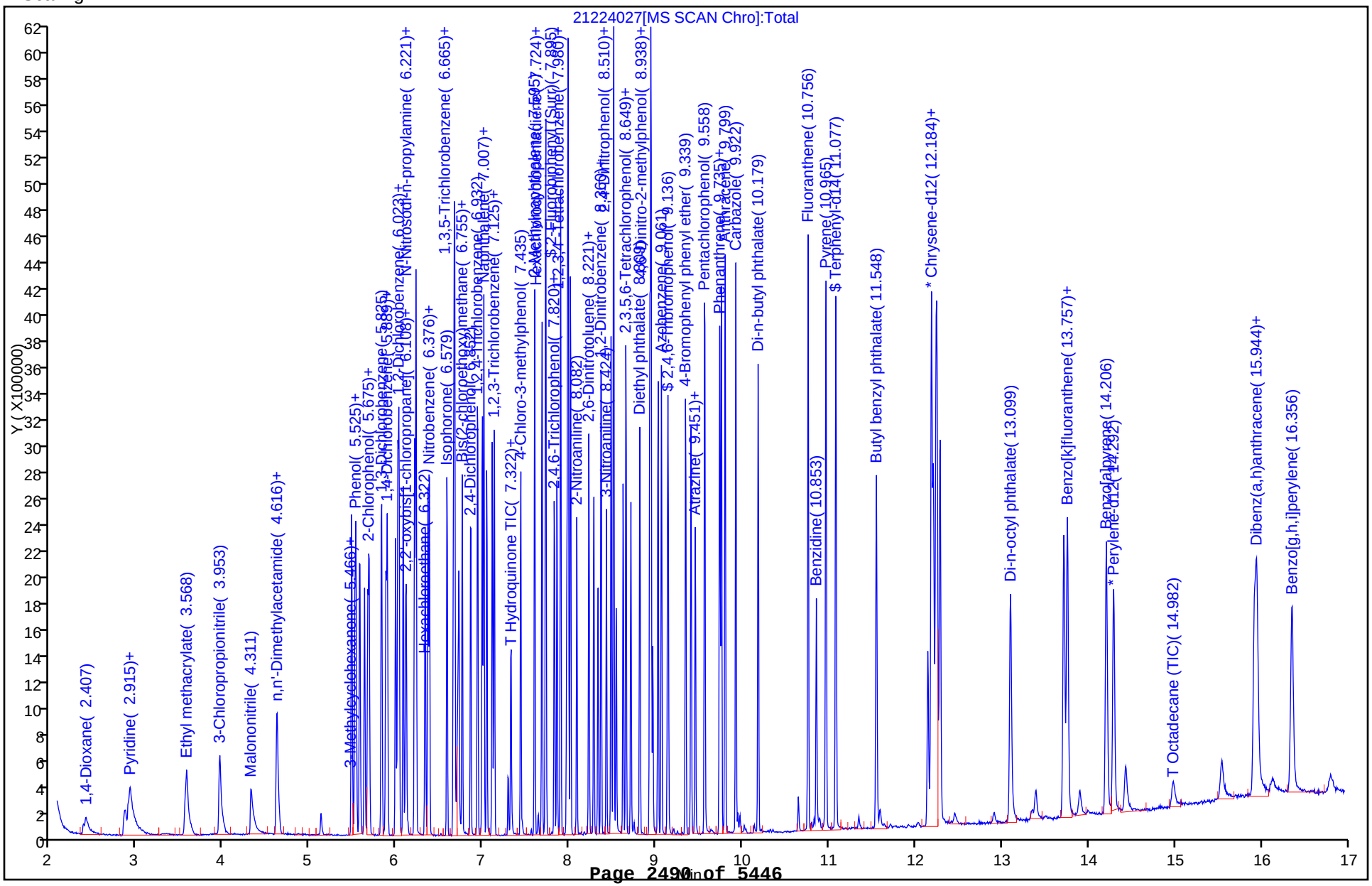
Report Date: 26-Dec-2012 13:04:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224027.D

Injection Date:	24-Dec-2012 18:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	27
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70078/3

Matrix: Solid | Lab File ID: 21226003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/26/2012 09:38

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70078 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.99		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.24		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.21		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.11		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.41		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.11		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.34		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.14		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.57		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.83		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.05		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.13		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	4.92		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.29		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.98		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.21		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.10		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.14		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.17		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.11		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.09		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.20		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.99		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.13		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.13		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.20		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.27		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.27		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.93		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.14		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.05		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.13		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.88		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.74		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70078/3

Matrix: Solid | Lab File ID: 21226003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/26/2012 09:38

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70078 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.21		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.27		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.68		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.16		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.18		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.18		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.24		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	3.79		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.24		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.39		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.08		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.01		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.29		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.10		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.11		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.15		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.28		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.38		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.22		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.42		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.18		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.14		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.16		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.55		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.97		0.00020	0.00010	0.00010
108-95-2	Phenol	5.29		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.19		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.15		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.22		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.47		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70078/3

Matrix: Solid | Lab File ID: 21226003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/26/2012 09:38

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70078 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	102		50-150
367-12-4	2-Fluorophenol (Surr)	107	Q	50-150
4165-60-0	Nitrobenzene-d5 (Surr)	100		50-150
4165-62-2	Phenol-d5 (Surr)	104	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	102		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	106		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226003.D
Lims ID: mrl qc
Client ID:
Inject. Date: 26-Dec-2012 09:38:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016171-003
Misc. Info.: MRL QC
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 70078
Lims Sample ID: 3
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\8270_hp7.m
Last Update: 27-Dec-2012 09:55:09
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK036

First Level Reviewer: gruberj
Date: 26-Dec-2012 10:01:06

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.861	5.861	0.0	97	216732	4.00	
* 2 Naphthalene-d8	136	6.978	6.979	-0.001	100	871891	4.00	
* 3 Acenaphthene-d10	164	8.471	8.471	0.0	90	514637	4.00	
* 4 Phenanthrene-d10	188	9.722	9.722	0.0	98	819165	4.00	
* 5 Chrysene-d12	240	12.236	12.236	0.0	97	871781	4.00	
* 6 Perylene-d12	264	14.274	14.274	0.0	92	690664	4.00	
$ 7 2-Fluorophenol	112	4.598	4.598	0.0	92	354565	5.33	
$ 8 Phenol-d5	99	5.502	5.502	0.0	90	460460	5.20	
$ 9 Nitrobenzene-d5	82	6.347	6.347	0.0	92	480008	5.00	
$ 10 2-Fluorobiphenyl (Surr)	172	7.882	7.882	0.0	100	944679	5.12	
$ 11 2,4,6-Tribromophenol	330	9.129	9.129	0.0	83	91535	5.29	
$ 12 Terphenyl-d14	244	11.065	11.070	-0.005	98	907798	5.09	
241 Tricresyl phosphate TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
15 Catechol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
20 2,5-Dichlorophenol	1		0.000					
21 Octachlorostyrene	1		0.000					
24 1,4-Dioxane	88	2.379	2.373	0.006	97	151548	4.94	M
25 N-Nitrosodimethylamine	74	2.823	2.817	0.006	87	213525	5.06	
26 Pyridine	79	2.887	2.881	0.006	91	397044	5.28	
232 1-Methyl-2-pyrrilidinone	99	3.352	3.271	0.081	0	130	0	
27 Ethyl methacrylate	69	3.545	3.545	0.0	92	311460	5.07	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.935	3.930	0.005	83	298706	5.12	
30 2-Picoline	93		4.067					9
31 N-Nitrosomethylethylamine	88		4.201					
32 Malononitrile	66	4.299	4.294	0.005	97	404770	4.64	
33 Acrylamide	71	4.481	4.485	-0.004	1	68	0	
34 Methyl methanesulfonate	80		4.522					9
29 3-Picoline	93		4.586					
233 n,n'-Dimethylacetamide	44	4.614	4.613	0.001	0	1349	0	
35 N-Nitrosodiethylamine	102		4.928					
36 Ethyl methanesulfonate	79		5.217					
37 2-Methylcyclohexanone	68	5.422	5.426	-0.004	1	158	0	
38 3-Methylcyclohexanone	69	5.443	5.463	-0.020	1	636	0	
40 Benzaldehyde	77	5.465	5.465	0.0	90	389266	5.56	
39 4-Methylcyclohexanone	55	5.513	5.511	0.002	14	47162	0	
41 Phenol	94	5.513	5.513	0.0	96	490230	5.29	
43 Aniline	93	5.556	5.556	0.0	97	640273	5.31	
42 Phenylmercaptan	110		5.581					
44 Bis(2-chloroethyl)ether	93	5.615	5.615	0.0	92	461654	5.13	
46 2-Chlorophenol	128	5.663	5.668	-0.005	94	378708	5.17	
45 Pentachloroethane	167		5.683					
47 1,3-Dichlorobenzene	146	5.807	5.813	-0.006	95	487616	5.13	
48 1,4-Dichlorobenzene	146	5.877	5.877	0.0	91	410074	5.20	
49 Benzyl alcohol	108	5.973	5.973	0.0	89	220750	4.83	
50 1,2-Dichlorobenzene	146	6.010	6.010	0.0	91	467208	5.13	
51 2-Methylphenol	108	6.064	6.064	0.0	97	352231	5.29	
52 2,2'-oxybis[1-chloropropane]	45	6.096	6.096	0.0	90	654047	5.10	
53 Indene	115		6.159					9
191 3 & 4 Methylphenol	108	6.192	6.192	0.0	97	364890	5.10	
56 N-Nitrosodi-n-propylamine	70	6.208	6.208	0.0	88	275006	5.14	
57 Acetophenone	105	6.214	6.214	0.0	88	541757	5.24	
55 N-Nitrosopyrrolidine	100		6.255					
58 N-Nitrosomorpholine	56		6.287					
59 2-Toluidine	106		6.308					
60 Hexachloroethane	117	6.315	6.315	0.0	91	195856	5.24	
61 Nitrobenzene	77	6.363	6.363	0.0	92	518729	5.22	
62 N-Nitrosopiperidine	114		6.560					
63 Isophorone	82	6.567	6.567	0.0	97	735244	5.08	
65 2-Nitrophenol	139	6.642	6.642	0.0	97	193289	5.42	
66 1,3,5-Trichlorobenzene	180	6.652	6.652	0.0	94	412967	5.32	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	79	381402	5.14	
69 Benzoic acid	122	6.706	6.722	-0.016	86	369129	9.14	
68 Bis(2-chloroethoxy)methane	93	6.743	6.749	-0.006	96	547606	5.05	
67 o,o',o''-Triethylphosphorothioat	198		6.779					
71 2,4-Dichlorophenol	162	6.845	6.845	0.0	97	304792	5.27	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.886					9
72 1,2,4-Trichlorobenzene	180	6.925	6.925	0.0	93	399731	5.15	
73 Naphthalene	128	6.995	6.995	0.0	96	1088875	5.11	
74 4-Chloroaniline	127	7.027	7.032	-0.005	83	459975	5.12	
77 Hexachlorobutadiene	225	7.096	7.091	0.005	92	220570	5.24	
75 2,6-Dichlorophenol	162		7.100					9
78 1,2,3-Trichlorobenzene	180	7.118	7.118	0.0	87	381889	0	
76 Hexachloropropene	213		7.132					9
79 Benzothiazole	135		7.277					9
83 Caprolactam	113	7.310	7.315	-0.005	73	107347	5.60	
80 Quinoline	129		7.341					
81 N-Nitrosodi-n-butylamine	84		7.362					
82 p-Phenylene diamine	108		7.389					9
84 4-Chloro-3-methylphenol	107	7.422	7.422	0.0	94	315527	5.10	
93 Safrole, Total	162		7.560					
85 2-Methylnaphthalene	142	7.583	7.583	0.0	92	701107	5.01	
86 1-Methylnaphthalene	142	7.668	7.668	0.0	90	660463	5.04	
87 1,2,3,5-Tetrachlorobenzene	216	7.711	7.711	0.0	92	387232	5.24	
88 Hexachlorocyclopentadiene	237	7.711	7.711	0.0	67	164764	3.79	
89 1,2,4,5-Tetrachlorobenzene	216		7.785					
225 Isosafrole Peak 1	162		7.806					
90 2,4,6-Trichlorophenol	196	7.813	7.813	0.0	90	221442	5.47	
91 2,4,5-Trichlorophenol	196	7.840	7.840	0.0	93	230729	5.22	
94 2,4-Toluene diamine	121	7.957	7.957	0.0	98	194046	4.68	
96 1,2,3,4 -Tetrachlorobenzene	216	7.968	7.968	0.0	85	371602	0	
95 1,1'-Biphenyl	154	7.973	7.973	0.0	95	844388	4.99	
227 Isosafrole Peak 2	162		7.993					
98 2-Chloronaphthalene	162	8.000	8.000	0.0	97	827234	5.14	
97 3,4-Dichloronitrobenzene	109		8.063					9
100 2-Nitroaniline	65	8.070	8.070	0.0	75	234288	5.15	
99 Phenyl ether	170		8.122					
101 1,4-Naphthoquinone	158		8.202					
103 Dimethyl phthalate	163	8.209	8.214	-0.005	97	746049	5.05	
102 1,4-Dinitrobenzene	168		8.245					
105 2,6-Dinitrotoluene	165	8.268	8.268	0.0	90	194288	5.27	
104 1,3-Dinitrobenzene	168		8.303					
106 1,2-Dinitrobenzene	168	8.316	8.316	0.0	88	99018	5.24	
107 Acenaphthylene	152	8.353	8.353	0.0	93	1107272	5.24	
108 3-Nitroaniline	138	8.412	8.417	-0.005	90	192343	5.28	
110 Acenaphthene	153	8.498	8.498	0.0	93	657902	4.99	
109 2,4-Dinitrophenol	184	8.503	8.503	0.0	72	169297	9.74	
111 4-Nitrophenol	109	8.530	8.530	0.0	94	111173	5.18	
112 2,4-Dinitrotoluene	165	8.610	8.610	0.0	86	263055	5.21	
114 Dibenzofuran	168	8.642	8.642	0.0	87	969563	4.99	
113 Pentachlorobenzene	250		8.667					9
115 2,3,5,6-Tetrachlorophenol	232	8.695	8.695	0.0	89	180388	5.14	
116 1-Naphthylamine	143		8.769					9
117 2,3,4,6-Tetrachlorophenol	232		8.796					9
119 Diethyl phthalate	149	8.802	8.802	0.0	97	727973	4.93	
118 2-Naphthylamine	143		8.833					9
121 4-Chlorophenyl phenyl ether	204	8.915	8.915	0.0	97	440830	5.11	
123 4-Nitroaniline	138	8.925	8.931	-0.006	75	193921	5.38	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.931	8.931	0.0	91	801942	5.18	
120 Thionazin	97		8.935					
126 4,6-Dinitro-2-methylphenol	198	8.952	8.952	0.0	78	112507	4.88	
122 N-Nitro-o-toluidine	152		8.988					9
130 N-Nitrosodiphenylamine	169	9.011	9.011	0.0	0	572121	5.16	
125 Tributyl phosphate	99		9.025					
131 Azobenzene	77	9.048	9.048	0.0	99	879738	5.14	
129 1,2-Diphenylhydrazine	77	9.048	9.048	0.0	0	879738	5.14	
128 Diphenylamine	169		9.074					
132 Sulfotepp	202		9.186					
133 1,3,5-Trinitrobenzene	213		9.272					
228 Diallate Peak 1	86		9.309					
135 Phenacetin	108		9.314					9
136 Phorate	121		9.320					9
137 4-Bromophenyl phenyl ether	248	9.332	9.332	0.0	67	251363	5.29	
230 Diallate Peak 2	86		9.389					
139 Hexachlorobenzene	284	9.391	9.391	0.0	88	244914	5.18	
140 Atrazine	200	9.444	9.444	0.0	90	168535	5.40	
138 Dimethoate	87		9.464					9
141 Pentachlorophenol	266	9.551	9.551	0.0	87	258354	9.55	
127 4-Aminobiphenyl	169		9.614					9
143 Pentachloronitrobenzene	237		9.630					9
142 Pronamide	173		9.641					9
146 Phenanthrene	178	9.744	9.744	0.0	97	1091983	4.97	
145 Dinoseb	211		9.753					
144 Disulfoton	88		9.758					9
147 Anthracene	178	9.787	9.787	0.0	98	1142676	5.21	
148 DFTPP								
149 Carbazole	167	9.910	9.910	0.0	82	1096735	5.21	
150 Methyl parathion	109		10.079					9
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	100	1220677	5.13	
152 Diphenylsulfone	125		10.250					9
153 Ethyl Parathion	97		10.400					
154 4-Nitroquinoline-1-oxide	190		10.454					
155 Methapyrilene	58		10.496					9
156 Isodrin	66		10.694					9
157 Fluoranthene	202	10.749	10.749	0.0	98	1245931	5.16	
158 Benzidine	184	10.840	10.846	-0.006	99	452459	4.79	
160 Pyrene	202	10.953	10.953	0.0	97	1310000	5.19	
164 4,4'-DDE	246		11.011					
226 Aramite Peak 1	185		11.095					
229 Aramite Peak 2	185		11.170					
161 p-Dimethylamino azobenzene	225		11.277					
162 Chlorobenzilate	139		11.309					
163 4,4'-DDD	235		11.375					9
166 Butyl benzyl phthalate	149	11.536	11.536	0.0	96	510001	4.98	
165 Famphur	218		11.566					
167 3,3'-Dimethylbenzidine	212		11.625					9
168 4,4'-DDT	235		11.658					
169 2-Acetylaminofluorene	181		11.908					
170 3,3'-Dimethoxybenzidine	244	12.129	12.135	-0.006	90	213847	4.48	
172 4,4'-Methylene bis(2-chloroanili	231	12.172	12.172	0.0	70	203028	4.95	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.172	12.172	0.0	67	436730	5.27	
171 Bis(2-ethylhexyl) phthalate	149	12.193	12.193	0.0	96	725642	4.92	
175 Benzo[a]anthracene	228	12.220	12.226	-0.006	95	1152675	5.11	
176 Chrysene	228	12.268	12.268	0.0	95	1086679	5.09	
174 Hexabromobenzene	232		12.383					
177 6-Methylchrysene	242		12.973					
178 Di-n-octyl phthalate	149	13.087	13.087	0.0	99	1067858	4.68	
180 Benzo[b]fluoranthene	252	13.702	13.702	0.0	92	1053236	5.11	
181 Benzo[k]fluoranthene	252	13.739	13.745	-0.006	95	1233005	5.57	
179 7,12-Dimethylbenz(a)anthracene	256		13.807					
182 Benzo[a]pyrene	252	14.188	14.194	-0.006	77	1049449	5.41	
183 3-Methylcholanthrene	268		14.850					
184 Dibenz[a,j]acridine	279		15.695					
185 Dibenz[a,h]acridine	279		15.765					
186 Indeno[1,2,3-cd]pyrene	276	15.905	15.905	0.0	94	1108864	5.39	
187 Dibenz(a,h)anthracene	278	15.932	15.932	0.0	83	910275	5.20	
188 Benzo[g,h,i]perylene	276	16.333	16.339	-0.006	94	962400	5.34	
S 189 Methyl Phenols,Total	100				0		5.29	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110	7.278	0.0	7.278	90	97401	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.047	3.050	-0.003	1	186	0	
T 194 Octadecane (TIC)	254	14.413	6.300	8.113	80	50904	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

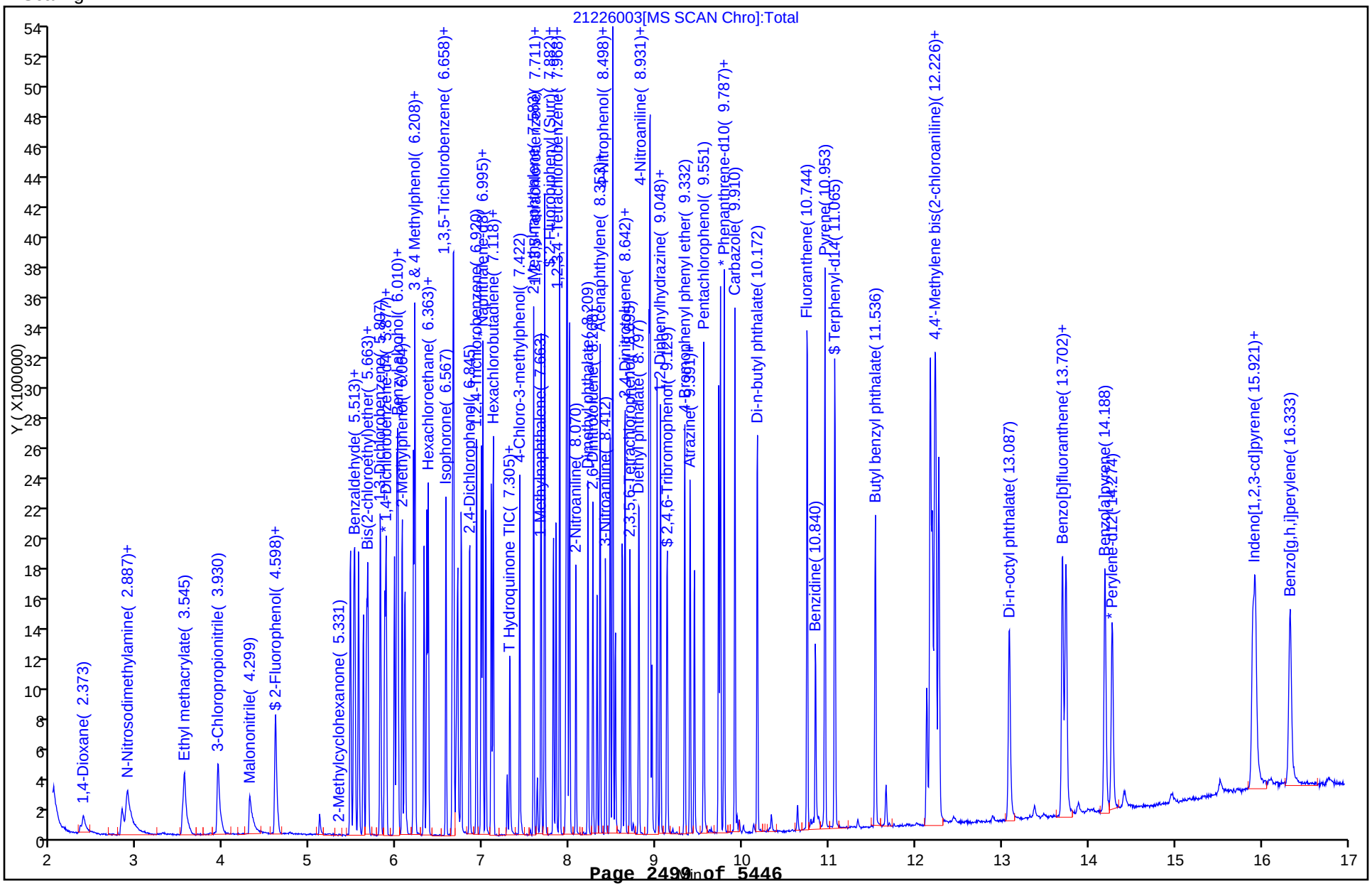
Review Flags
M - Manually Integrated

Report Date: 27-Dec-2012 09:55:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226003.D		
Injection Date:	26-Dec-2012 09:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70078/16

Matrix: Solid | Lab File ID: 21226016.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/26/2012 14:42

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70078 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.10		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.33		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.21		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.22		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.39		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.28		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.42		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.40		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	4.89		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.93		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.12		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.10		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.00		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.30		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.13		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.07		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.24		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.20		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.17		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.04		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.32		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.22		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	5.07		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.08		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.06		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.11		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.19		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.30		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.01		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.15		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.20		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.11		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.83		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	8.83		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70078/16

Matrix: Solid | Lab File ID: 21226016.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/26/2012 14:42

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70078 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.35		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.21		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.64		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.09		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.16		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.19		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.04		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.74		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.16		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.53		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.99		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.15		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.18		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.00		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.10		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.25		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.36		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.44		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.22		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.21		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.12		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.11		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.09		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.9		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	5.05		0.00020	0.00010	0.00010
108-95-2	Phenol	5.21		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.24		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.36		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.38		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.46		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70078/16

Matrix: Solid | Lab File ID: 21226016.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/26/2012 14:42

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70078 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	103		50-150
367-12-4	2-Fluorophenol (Surr)	103		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	104	Q	50-150
4165-62-2	Phenol-d5 (Surr)	104	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	102		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	110		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226016.D
Lims ID: mrl qccl Client ID:
Inject. Date: 26-Dec-2012 14:42:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016171-016
Misc. Info.: MRL QCCL
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 70078 Lims Sample ID: 16
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121226-16171.b\8270_hp7.m
Last Update: 27-Dec-2012 09:55:09 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK036

First Level Reviewer: gruberj Date: 26-Dec-2012 15:14:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.861	5.861	0.0	97	270485	4.00	
* 2 Naphthalene-d8	136	6.978	6.979	-0.001	100	1072570	4.00	
* 3 Acenaphthene-d10	164	8.465	8.471	-0.006	90	636665	4.00	
* 4 Phenanthrene-d10	188	9.722	9.722	0.0	98	1038868	4.00	
* 5 Chrysene-d12	240	12.236	12.236	0.0	93	1066493	4.00	
* 6 Perylene-d12	264	14.274	14.274	0.0	92	868287	4.00	
$ 7 2-Fluorophenol	112	4.598	4.598	0.0	94	426378	5.14	
$ 8 Phenol-d5	99	5.502	5.502	0.0	84	575779	5.21	
$ 9 Nitrobenzene-d5	82	6.347	6.347	0.0	92	616053	5.21	
$ 10 2-Fluorobiphenyl (Surr)	172	7.882	7.882	0.0	99	1180454	5.17	
$ 11 2,4,6-Tribromophenol	330	9.129	9.129	0.0	85	117321	5.48	
$ 12 Terphenyl-d14	244	11.065	11.070	-0.005	98	1112334	5.10	
241 Tricresyl phosphate TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
15 Catechol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
20 2,5-Dichlorophenol	1		0.000					
21 Octachlorostyrene	1		0.000					
24 1,4-Dioxane	88	2.368	2.373	-0.005	95	163434	4.27	
25 N-Nitrosodimethylamine	74	2.823	2.817	0.006	90	272114	5.17	
26 Pyridine	79	2.881	2.881	0.0	89	470631	5.01	
232 1-Methyl-2-pyrrilidinone	99		3.271					14
27 Ethyl methacrylate	69	3.539	3.545	-0.006	89	387410	5.06	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.930	3.930	0.0	86	372362	5.11	
30 2-Picoline	93		4.067					
31 N-Nitrosomethylethylamine	88		4.201					
32 Malononitrile	66	4.293	4.294	-0.001	98	500951	4.60	
33 Acrylamide	71	4.481	4.485	-0.004	1	119	0	
34 Methyl methanesulfonate	80		4.522					9
29 3-Picoline	93		4.586					9
233 n,n'-Dimethylacetamide	44	4.614	4.613	0.001	0	1278	0	
35 N-Nitrosodiethylamine	102		4.928					
36 Ethyl methanesulfonate	79		5.217					9
37 2-Methylcyclohexanone	68	5.422	5.426	-0.004	1	57	0	
38 3-Methylcyclohexanone	69	5.465	5.463	0.002	1	643	0	
40 Benzaldehyde	77	5.465	5.465	0.0	90	478426	5.47	
39 4-Methylcyclohexanone	55	5.513	5.511	0.002	18	54501	0	
41 Phenol	94	5.513	5.513	0.0	97	603391	5.21	
43 Aniline	93	5.556	5.556	0.0	97	776070	5.16	
42 Phenylmercaptan	110		5.581					9
44 Bis(2-chloroethyl)ether	93	5.615	5.615	0.0	94	572878	5.10	
46 2-Chlorophenol	128	5.663	5.668	-0.005	96	472329	5.17	
45 Pentachloroethane	167		5.683					
47 1,3-Dichlorobenzene	146	5.807	5.813	-0.006	95	600630	5.06	
48 1,4-Dichlorobenzene	146	5.877	5.877	0.0	82	502833	5.11	
49 Benzyl alcohol	108	5.973	5.973	0.0	89	280913	4.93	
50 1,2-Dichlorobenzene	146	6.010	6.010	0.0	91	577288	5.08	
51 2-Methylphenol	108	6.064	6.064	0.0	98	430759	5.18	
52 2,2'-oxybis[1-chloropropane]	45	6.091	6.096	-0.005	89	786461	4.91	
53 Indene	115		6.159					
191 3 & 4 Methylphenol	108	6.192	6.192	0.0	97	446135	5.00	
56 N-Nitrosodi-n-propylamine	70	6.203	6.208	-0.005	92	340757	5.11	
57 Acetophenone	105	6.214	6.214	0.0	87	652137	5.06	
55 N-Nitrosopyrrolidine	100		6.255					9
58 N-Nitrosomorpholine	56		6.287					9
59 2-Toluidine	106		6.308					
60 Hexachloroethane	117	6.315	6.315	0.0	92	240818	5.16	
61 Nitrobenzene	77	6.363	6.363	0.0	87	638179	5.22	
62 N-Nitrosopiperidine	114		6.560					
63 Isophorone	82	6.567	6.567	0.0	97	887641	4.99	
65 2-Nitrophenol	139	6.641	6.642	-0.001	96	228631	5.21	
66 1,3,5-Trichlorobenzene	180	6.652	6.652	0.0	95	518146	5.42	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	89	469335	5.15	
69 Benzoic acid	122	6.706	6.722	-0.016	88	468892	9.40	
68 Bis(2-chloroethoxy)methane	93	6.743	6.749	-0.006	96	682941	5.12	
67 o,o',o''-Triethylphosphorothioat	198		6.779					
71 2,4-Dichlorophenol	162	6.845	6.845	0.0	96	377251	5.30	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.886					9
72 1,2,4-Trichlorobenzene	180	6.925	6.925	0.0	93	511962	5.36	
73 Naphthalene	128	6.994	6.995	-0.001	98	1336157	5.10	
74 4-Chloroaniline	127	7.027	7.032	-0.005	83	579343	5.24	
77 Hexachlorobutadiene	225	7.091	7.091	0.0	93	261220	5.04	
75 2,6-Dichlorophenol	162		7.100					9
78 1,2,3-Trichlorobenzene	180	7.118	7.118	0.0	91	475645	0	
76 Hexachloropropene	213		7.132					
79 Benzothiazole	135		7.277					9
83 Caprolactam	113	7.310	7.315	-0.005	73	137397	5.83	
80 Quinoline	129		7.341					
81 N-Nitrosodi-n-butylamine	84		7.362					
82 p-Phenylene diamine	108		7.389					
84 4-Chloro-3-methylphenol	107	7.422	7.422	0.0	94	399189	5.24	
93 Safrole, Total	162		7.560					
85 2-Methylnaphthalene	142	7.583	7.583	0.0	87	886176	5.15	
86 1-Methylnaphthalene	142	7.668	7.668	0.0	83	840379	5.21	
87 1,2,3,5-Tetrachlorobenzene	216	7.711	7.711	0.0	95	488979	5.35	
88 Hexachlorocyclopentadiene	237	7.711	7.711	0.0	90	254959	4.74	
89 1,2,4,5-Tetrachlorobenzene	216		7.785					
225 Isosafrole Peak 1	162		7.806					
90 2,4,6-Trichlorophenol	196	7.813	7.813	0.0	92	273339	5.46	
91 2,4,5-Trichlorophenol	196	7.840	7.840	0.0	93	294543	5.38	
94 2,4-Toluene diamine	121	7.952	7.957	-0.005	95	242668	4.76	
96 1,2,3,4 -Tetrachlorobenzene	216	7.963	7.968	-0.005	93	474478	0	
95 1,1'-Biphenyl	154	7.973	7.973	0.0	95	1079122	5.15	
227 Isosafrole Peak 2	162		7.993					
98 2-Chloronaphthalene	162	8.000	8.000	0.0	96	1035146	5.20	
97 3,4-Dichloronitrobenzene	109		8.063					9
100 2-Nitroaniline	65	8.070	8.070	0.0	77	295769	5.25	
99 Phenyl ether	170		8.122					9
101 1,4-Naphthoquinone	158		8.202					
103 Dimethyl phthalate	163	8.214	8.214	0.0	99	951059	5.20	
102 1,4-Dinitrobenzene	168		8.245					
105 2,6-Dinitrotoluene	165	8.267	8.268	-0.001	91	237503	5.21	
104 1,3-Dinitrobenzene	168		8.303					
106 1,2-Dinitrobenzene	168	8.316	8.316	0.0	88	121764	5.21	
107 Acenaphthylene	152	8.353	8.353	0.0	96	1393762	5.33	
108 3-Nitroaniline	138	8.412	8.417	-0.005	90	241538	5.36	
110 Acenaphthene	153	8.497	8.498	-0.001	91	831623	5.10	
109 2,4-Dinitrophenol	184	8.503	8.503	0.0	68	186653	8.83	
111 4-Nitrophenol	109	8.530	8.530	0.0	94	135937	5.12	
112 2,4-Dinitrotoluene	165	8.610	8.610	0.0	89	335172	5.35	
114 Dibenzofuran	168	8.642	8.642	0.0	88	1218113	5.07	
113 Pentachlorobenzene	250		8.667					9
115 2,3,5,6-Tetrachlorophenol	232	8.695	8.695	0.0	88	228914	5.27	
116 1-Naphthylamine	143		8.769					9
117 2,3,4,6-Tetrachlorophenol	232		8.796					
119 Diethyl phthalate	149	8.802	8.802	0.0	97	914077	5.01	
118 2-Naphthylamine	143		8.833					9
121 4-Chlorophenyl phenyl ether	204	8.915	8.915	0.0	97	538312	5.04	
123 4-Nitroaniline	138	8.925	8.931	-0.006	78	242688	5.44	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.931	8.931	0.0	81	988226	5.16	
120 Thionazin	97		8.935					9
126 4,6-Dinitro-2-methylphenol	198	8.952	8.952	0.0	80	140863	4.83	
122 N-Nitro-o-toluidine	152		8.988					
130 N-Nitrosodiphenylamine	169	9.011	9.011	0.0	0	716509	5.09	
125 Tributyl phosphate	99		9.025					9
131 Azobenzene	77	9.048	9.048	0.0	99	1102105	5.08	
129 1,2-Diphenylhydrazine	77	9.048	9.048	0.0	0	1102105	5.08	
128 Diphenylamine	169	9.011	9.074	-0.063	94	716509	4.59	
132 Sulfotepp	202	9.123	9.186	-0.063	75	108343	5.20	
133 1,3,5-Trinitrobenzene	213		9.272					
228 Diallate Peak 1	86		9.309					
135 Phenacetin	108		9.314					9
136 Phorate	121		9.320					9
137 4-Bromophenyl phenyl ether	248	9.332	9.332	0.0	65	319527	5.30	
230 Diallate Peak 2	86		9.389					
139 Hexachlorobenzene	284	9.391	9.391	0.0	88	310965	5.19	
140 Atrazine	200	9.444	9.444	0.0	91	217998	5.50	
138 Dimethoate	87		9.464					9
141 Pentachlorophenol	266	9.551	9.551	0.0	89	375285	10.9	
127 4-Aminobiphenyl	169		9.614					9
143 Pentachloronitrobenzene	237		9.630					9
142 Pronamide	173		9.641					
146 Phenanthrene	178	9.744	9.744	0.0	97	1408008	5.05	
145 Dinoseb	211		9.753					
144 Disulfoton	88		9.758					
147 Anthracene	178	9.786	9.787	-0.001	97	1451113	5.21	
148 DFTPP								
149 Carbazole	167	9.909	9.910	-0.001	82	1353259	5.07	
150 Methyl parathion	109		10.079					
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	100	1541743	5.11	
152 Diphenylsulfone	125		10.250					
153 Ethyl Parathion	97		10.400					9
154 4-Nitroquinoline-1-oxide	190		10.454					9
155 Methapyrilene	58		10.496					9
156 Isodrin	66		10.694					9
157 Fluoranthene	202	10.749	10.749	0.0	97	1556840	5.09	
158 Benzidine	184	10.840	10.846	-0.006	99	521003	4.54	
160 Pyrene	202	10.952	10.953	-0.001	95	1617953	5.24	
164 4,4'-DDE	246		11.011					
226 Aramite Peak 1	185		11.095					
229 Aramite Peak 2	185		11.170					
161 p-Dimethylamino azobenzene	225		11.277					
162 Chlorobenzilate	139		11.309					
163 4,4'-DDD	235		11.375					
166 Butyl benzyl phthalate	149	11.535	11.536	-0.001	95	642627	5.13	
165 Famphur	218		11.566					
167 3,3'-Dimethylbenzidine	212		11.625					
168 4,4'-DDT	235		11.658					
169 2-Acetylaminofluorene	181		11.908					
170 3,3'-Dimethoxybenzidine	244	12.129	12.135	-0.006	87	261366	4.48	
172 4,4'-Methylene bis(2-chloroanili	231	12.172	12.172	0.0	66	262310	5.21	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.172	12.172	0.0	65	526070	5.19	
171 Bis(2-ethylhexyl) phthalate	149	12.193	12.193	0.0	96	903061	5.00	
175 Benzo[a]anthracene	228	12.225	12.226	-0.001	98	1440585	5.22	
176 Chrysene	228	12.268	12.268	0.0	95	1388388	5.32	
174 Hexabromobenzene	232		12.383					
177 6-Methylchrysene	242		12.973					
178 Di-n-octyl phthalate	149	13.087	13.087	0.0	99	1332364	4.64	
180 Benzo[b]fluoranthene	252	13.702	13.702	0.0	93	1368617	5.28	
181 Benzo[k]fluoranthene	252	13.739	13.745	-0.006	95	1358803	4.89	
179 7,12-Dimethylbenz(a)anthracene	256		13.807					
182 Benzo[a]pyrene	252	14.194	14.194	0.0	73	1313237	5.39	
183 3-Methylcholanthrene	268		14.850					9
184 Dibenz[a,j]acridine	279		15.695					
185 Dibenz[a,h]acridine	279		15.765					
186 Indeno[1,2,3-cd]pyrene	276	15.905	15.905	0.0	98	1430456	5.53	
187 Dibenz(a,h)anthracene	278	15.932	15.932	0.0	73	1148802	5.22	
188 Benzo[g,h,i]perylene	276	16.333	16.339	-0.006	89	1228555	5.42	
S 189 Methyl Phenols,Total	100				0		5.18	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110	7.278	0.0	7.278	87	119413	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.192	3.050	0.142	1	147	0	
T 194 Octadecane (TIC)	254	12.894	6.300	6.594	86	23693	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

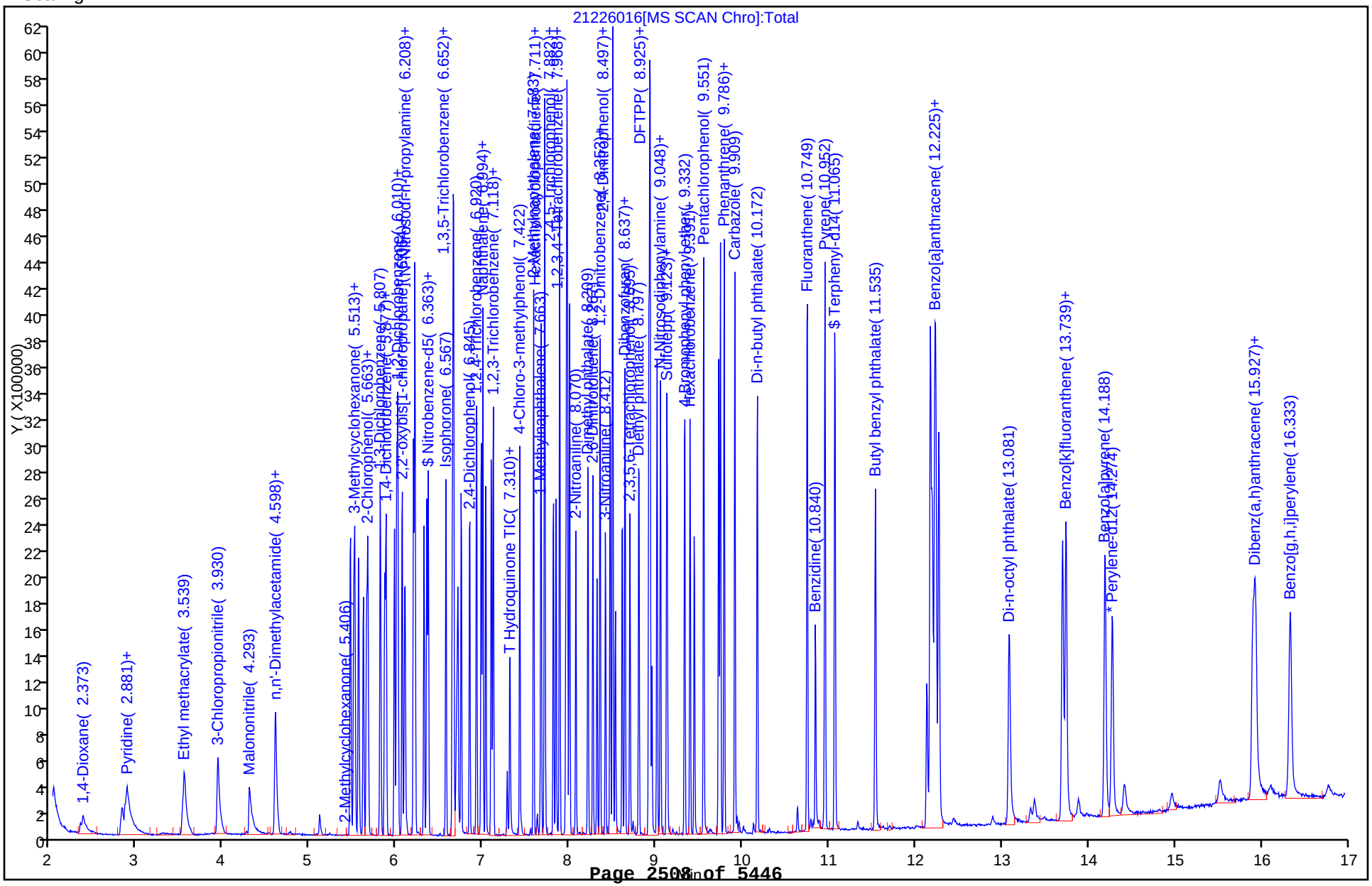
Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 27-Dec-2012 09:55:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121226-16171.b\21226016.D		
Injection Date:	26-Dec-2012 14:42:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70078	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70566/3

Matrix: Solid | Lab File ID: 21229003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/29/2012 11:50

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70566 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.55		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.60		0.00020	0.00010	0.00010
120-12-7	Anthracene	4.96		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.13		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.09		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.88		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.08		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.11		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	4.96		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.36		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.10		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.11		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.51		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.34		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.14		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.13		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.31		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.72		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.30		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.76		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.82		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.81		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.64		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	4.76		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.72		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.14		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.23		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.13		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.86		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.06		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.09		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.14		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	5.22		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.30		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70566/3

Matrix: Solid | Lab File ID: 21229003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/29/2012 11:50

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70566 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.52		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.05		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.04		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.03		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.70		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.91		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.11		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.54		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.35		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.78		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.07		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.74		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.29		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.14		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.91		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.29		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.58		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.18		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.18		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.44		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.23		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.45		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.32		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	8.72		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.88		0.00020	0.00010	0.00010
108-95-2	Phenol	5.23		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.94		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.86		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.01		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.42		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70566/3

Matrix: Solid | Lab File ID: 21229003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/29/2012 11:50

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70566 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	95		50-150
367-12-4	2-Fluorophenol (Surr)	103		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	107	Q	50-150
4165-62-2	Phenol-d5 (Surr)	106	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	100		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	109		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229003.D
Lims ID: mrl qc
Client ID:
Inject. Date: 29-Dec-2012 11:50:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016269-003
Misc. Info.: MRL QC =MRL QC
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 70566
Lims Sample ID: 3
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\8270 _9.m
Last Update: 31-Dec-2012 10:35:58
Calib Date: 21-Dec-2012 20:45:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm
Date: 29-Dec-2012 12:28:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.918	5.918	0.0	95	117927	4.00	
* 2 Naphthalene-d8	136	7.035	7.034	0.001	99	458538	4.00	
* 3 Acenaphthene-d10	164	8.525	8.525	0.0	83	274962	4.00	
* 4 Phenanthrene-d10	188	9.786	9.786	0.0	97	459707	4.00	
* 5 Chrysene-d12	240	12.340	12.339	0.001	83	469617	4.00	
* 6 Perylene-d12	264	14.412	14.412	0.0	89	390241	4.00	
$ 7 2-Fluorophenol	112	4.674	4.673	0.001	91	204480	5.17	
$ 8 Phenol-d5	99	5.571	5.571	0.0	0	308821	5.29	
$ 9 Nitrobenzene-d5	82	6.404	6.404	0.0	84	375841	5.36	
$ 10 2-Fluorobiphenyl (Surr)	172	7.943	7.943	0.0	99	523410	4.75	
$ 11 2,4,6-Tribromophenol	330	9.193	9.193	0.0	82	50198	5.43	
$ 12 Terphenyl-d14	244	11.143	11.143	0.0	98	530219	4.99	
22 Bis(2-hydroxyphenyl)methane	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
25 1,4-Dioxane	88	2.451	2.456	-0.005	86	111508	5.42	M
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	2.927	2.921	0.006	73	183400	5.88	M
27 Pyridine	79	2.975	2.974	0.001	89	299111	5.39	M
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.637	3.632	0.005	81	257859	5.39	M
232 1-Methyl-2-pyrrilidinone	99		3.880					
29 3-Chloropropionitrile	54	4.011	4.011	0.0	84	150892	5.60	
31 2-Picoline	93		4.068					
52 Indene	115		4.084					
32 N-Nitrosomethylethylamine	88		4.212					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66	4.374	4.374	0.0	95	366148	5.96	
17 4-Chlorophenol	128		4.500					
34 Methyl methanesulfonate	80		4.532					
30 3-Picoline	93		4.591					9
24 Catechol	110		4.592					
233 n,n'-Dimethylacetamide	44		4.618					
15 3-Methylcatechol	124		4.913					
36 N-Nitrosodiethylamine	102		4.944					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.232					
38 2-Methylcyclohexanone	68		5.441					
39 3-Methylcyclohexanone	69		5.478					
41 Benzaldehyde	77	5.523	5.523	0.0	83	298989	5.82	
40 4-Methylcyclohexanone	55		5.526					
43 Phenol	94	5.582	5.581	0.001	97	343711	5.23	
44 Aniline	93	5.619	5.619	0.0	96	430636	5.27	
69 Bis(2-chloroethyl)ether	93	5.673	5.672	0.001	98	318157	5.11	
45 Pentachloroethane	167		5.697					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128	5.731	5.731	0.0	90	209940	5.30	
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.870	5.870	0.0	90	241613	4.72	
48 1,4-Dichlorobenzene	146	5.934	5.934	0.0	87	213698	5.14	
49 Benzyl alcohol	108	6.031	6.030	0.001	86	156576	5.36	
50 1,2-Dichlorobenzene	146	6.073	6.073	0.0	86	236224	4.76	
51 2-Methylphenol	108	6.121	6.126	-0.005	94	227854	5.29	
53 2,2'-oxybis[1-chloropropane]	45	6.148	6.153	-0.005	93	325880	5.20	
21 3 & 4 Methylphenol	108	6.255	6.255	0.0	92	232036	5.14	
57 N-Nitrosodi-n-propylamine	70	6.260	6.265	-0.005	76	221881	5.45	
58 Acetophenone	105	6.271	6.271	0.0	90	331767	5.03	
56 N-Nitrosopyrrolidine	100		6.274					9
59 N-Nitrosomorpholine	56		6.306					9
60 2-Toluidine	106		6.327					9
61 Hexachloroethane	117	6.372	6.372	0.0	87	116863	5.35	
62 Nitrobenzene	77	6.421	6.420	0.0	79	381157	5.18	
63 N-Nitrosopiperidine	114		6.578					
64 Isophorone	82	6.624	6.623	0.001	96	570322	5.07	
66 2-Nitrophenol	139	6.698	6.698	0.0	93	103006	5.44	
67 1,3,5-Trichlorobenzene	180	6.709	6.709	0.0	89	221758	4.96	
65 2,4-Dimethylphenol	107	6.720	6.719	0.001	70	247038	5.06	
71 Benzoic acid	122	6.773	6.789	-0.016	83	220639	9.11	
68 o,o',o''-Triethylphosphorothioat	198		6.798					
70 Bis(2-chloroethoxy)methane	93	6.800	6.799	0.001	97	388868	5.10	
73 2,4-Dichlorophenol	162	6.907	6.906	0.001	96	152728	5.13	
72 alpha,alpha-Dimethyl phenethylam	58		6.920					
74 1,2,4-Trichlorobenzene	180	6.981	6.981	0.0	87	212420	4.86	
75 Naphthalene	128	7.051	7.051	0.0	96	593013	4.91	
76 4-Chloroaniline	127	7.088	7.088	0.0	81	262907	5.46	
77 2,6-Dichlorophenol	162		7.123					9
79 Hexachlorobutadiene	225	7.147	7.147	0.0	86	124196	5.11	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
78 Hexachloropropene	213		7.155					
80 1,2,3-Trichlorobenzene	180		7.173					
84 Caprolactam	113	7.366	7.371	-0.005	79	73785	5.42	
83 N-Nitrosodi-n-butylamine	84		7.385					
85 p-Phenylene diamine	108		7.407					9
86 4-Chloro-3-methylphenol	107	7.484	7.483	0.001	85	213398	5.31	
94 Safrole, Total	162		7.577					
153 Diphenylsulfone	125		7.616					9
87 2-Methylnaphthalene	142	7.639	7.638	0.0	87	377579	4.74	
88 1-Methylnaphthalene	142	7.724	7.724	0.0	81	367503	4.91	
89 Hexachlorocyclopentadiene	237	7.767	7.766	0.001	70	121359	4.54	
90 1,2,3,5-Tetrachlorobenzene	216	7.767	7.766	0.001	89	215910	4.74	
91 1,2,4,5-Tetrachlorobenzene	216		7.807					
225 Isosafrole Peak 1	162		7.823					9
92 2,4,6-Trichlorophenol	196	7.868	7.873	-0.005	90	124915	5.42	
93 2,4,5-Trichlorophenol	196	7.906	7.905	0.001	92	123899	5.01	
97 2,4-Toluene diamine	121	8.012	8.012	0.0	97	102000	4.55	
227 Isosafrole Peak 2	162		8.016					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.023					
98 1,1'-Biphenyl	154	8.028	8.028	0.0	95	474924	4.62	
100 2-Chloronaphthalene	162	8.055	8.055	0.0	97	426450	4.72	
102 2-Nitroaniline	65	8.130	8.130	0.0	73	155574	5.29	
103 1,4-Naphthoquinone	158		8.224					
104 1,4-Dinitrobenzene	168		8.267					
105 Dimethyl phthalate	163	8.269	8.269	0.0	95	414093	5.09	
107 2,6-Dinitrotoluene	165	8.328	8.327	0.001	84	107691	5.05	
106 1,3-Dinitrobenzene	168	8.376	8.331	0.045	54	55820	4.19	
108 1,2-Dinitrobenzene	168	8.376	8.375	0.001	78	55820	4.98	
109 Acenaphthylene	152	8.408	8.413	-0.005	86	599926	4.60	
110 3-Nitroaniline	138	8.472	8.477	-0.005	88	108697	5.58	
112 Acenaphthene	153	8.557	8.557	0.0	90	377873	4.55	
111 2,4-Dinitrophenol	184	8.563	8.562	0.001	76	104514	9.30	
113 4-Nitrophenol	109	8.600	8.600	0.0	89	58138	4.23	
114 2,4-Dinitrotoluene	165	8.670	8.669	0.001	82	154561	5.52	
115 Pentachlorobenzene	250		8.689					9
116 Dibenzofuran	168	8.702	8.701	0.001	85	536601	4.64	
118 2,3,5,6-Tetrachlorophenol	232	8.760	8.760	0.0	84	94165	4.43	
117 1-Naphthylamine	143		8.790					9
119 2,3,4,6-Tetrachlorophenol	232		8.822					
120 2-Naphthylamine	143		8.854					9
121 Diethyl phthalate	149	8.857	8.856	0.0	95	423263	4.86	
122 Thionazin	97		8.956					9
123 4-Chlorophenyl phenyl ether	204	8.974	8.974	0.0	93	259872	4.76	
125 4-Nitroaniline	138	8.990	8.990	0.0	53	114346	5.18	
126 Fluorene	166	8.990	8.990	0.0	78	414099	4.70	
128 4,6-Dinitro-2-methylphenol	198	9.011	9.011	0.0	74	69966	5.22	
124 N-Nitro-o-toluidine	152		9.015					9
127 Tributyl phosphate	99		9.047					9
131 N-Nitrosodiphenylamine	169	9.070	9.070	0.0	97	337091	5.32	
130 Diphenylamine	169	9.070	9.100	-0.030	91	337091	4.66	
133 Azobenzene	77	9.108	9.107	0.001	95	673252	5.22	
132 1,2-Diphenylhydrazine	77	9.108	9.107	0.001	99	673252	5.22	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
134 Sulfotepp	202	9.182	9.207	-0.025	78	54555	5.71	
176 Hexabromobenzene	232		9.208					
135 1,3,5-Trinitrobenzene	213		9.298					
228 Diallate Peak 1	86		9.335					9
137 Phenacetin	108		9.340					
138 Phorate	121		9.346					
139 4-Bromophenyl phenyl ether	248	9.391	9.390	0.001	71	146909	5.34	
230 Diallate Peak 2	86		9.415					9
141 Hexachlorobenzene	284	9.455	9.454	0.001	74	130075	4.91	
140 Dimethoate	87		9.490					9
142 Atrazine	200	9.503	9.503	0.0	87	103498	5.95	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.615	9.615	0.0	81	140519	8.72	
129 4-Aminobiphenyl	169		9.640					9
145 Pentachloronitrobenzene	237		9.650					9
144 Pronamide	173		9.666					
147 Dinoseb	211		9.778					
146 Disulfoton	88		9.784					9
148 Phenanthrene	178	9.807	9.807	0.0	83	623662	4.88	
149 Anthracene	178	9.850	9.850	0.0	98	626052	4.96	
150 DFTPP								
151 Carbazole	167	9.973	9.978	-0.005	82	594221	5.13	
152 Methyl parathion	109		10.104					
154 Di-n-butyl phthalate	149	10.229	10.229	0.0	100	734447	5.14	
155 Ethyl Parathion	97		10.425					9
156 4-Nitroquinoline-1-oxide	190		10.478					
157 Methapyrilene	58		10.526					
158 Isodrin	66		10.719					
159 Fluoranthene	202	10.817	10.817	0.0	99	708608	5.03	
160 Benzidine	184	10.913	10.913	0.0	87	276220	4.83	
161 Pyrene	202	11.025	11.025	0.0	97	754053	4.94	
166 4,4'-DDE	246		11.116					9
226 Aramite Peak 1	185		11.130					
229 Aramite Peak 2	185		11.205					
163 p-Dimethylamino azobenzene	225		11.312					
164 Chlorobenzilate	139		11.344					
165 4,4'-DDD	235		11.450					
167 Famphur	218		11.605					
168 Butyl benzyl phthalate	149	11.618	11.618	0.0	91	304861	5.14	
169 3,3'-Dimethylbenzidine	212		11.664					
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.738					9
186 Dibenz[a,j]acridine	279		11.804					
171 2-Acetylaminofluorene	181		11.953					
172 3,3'-Dimethoxybenzidine	244	12.227	12.227	0.0	92	163446	5.29	
175 3,3'-Dichlorobenzidine	252	12.270	12.270	0.0	70	250059	5.23	
174 4,4'-Methylene bis(2-chloroanili	231	12.270	12.270	0.0	63	128619	5.00	
173 Bis(2-ethylhexyl) phthalate	149	12.292	12.291	0.001	95	475805	5.51	
177 Benzo[a]anthracene	228	12.324	12.323	0.001	85	691629	5.13	
178 Chrysene	228	12.372	12.371	0.001	85	634177	4.82	
180 Di-n-octyl phthalate	149	13.200	13.199	0.001	99	719436	5.04	
182 Benzo[b]fluoranthene	252	13.830	13.830	0.0	87	634787	4.88	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 7,12-Dimethylbenz(a)anthracene	256		13.871					
183 Benzo[k]fluoranthene	252	13.873	13.872	0.001	83	655786	4.96	
184 Benzo[a]pyrene	252	14.332	14.332	0.0	78	601876	5.09	
185 3-Methylcholanthrene	268		14.928					
188 Indeno[1,2,3-cd]pyrene	276	16.074	16.073	0.001	85	627030	4.78	
189 Dibenz(a,h)anthracene	278	16.106	16.105	0.001	66	488214	4.81	
190 Benzo[g,h,i]perylene	276	16.528	16.527	0.001	72	547027	5.08	
S 191 Methyl Phenols,Total	100				0		10.4	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 195 Hydroquinone TIC	110	7.345	0.0	7.345	91	72896	0	
T 240 Trimethyl phosphate TIC	110		3.120					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 194 Decane TIC	142	5.769	5.800	-0.031	1	361	0	
T 234 2-Isopropylphenol TIC	121	7.051	7.020	0.032	0	828	0	
T 235 4-isopropylphenol TIC	121	7.174	7.174	0.001	0	2533	0	
T 236 3-isopropylphenol TIC	121	7.174	7.174	0.001	0	2533	0	
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		7.537					1
T 196 Kepone TIC	272	7.772	8.278	-0.509	0	15369	0.1309	
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 197 Hexachlorophene TIC	198	11.138	9.266	1.869	1	12336	0.1264	
T 241 Tricresyl phosphate TIC	368		9.372					1
T 192 Octadecane (TIC)	254		9.600					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1
T 231 2,3,7,8-TCDD	322		12.400					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

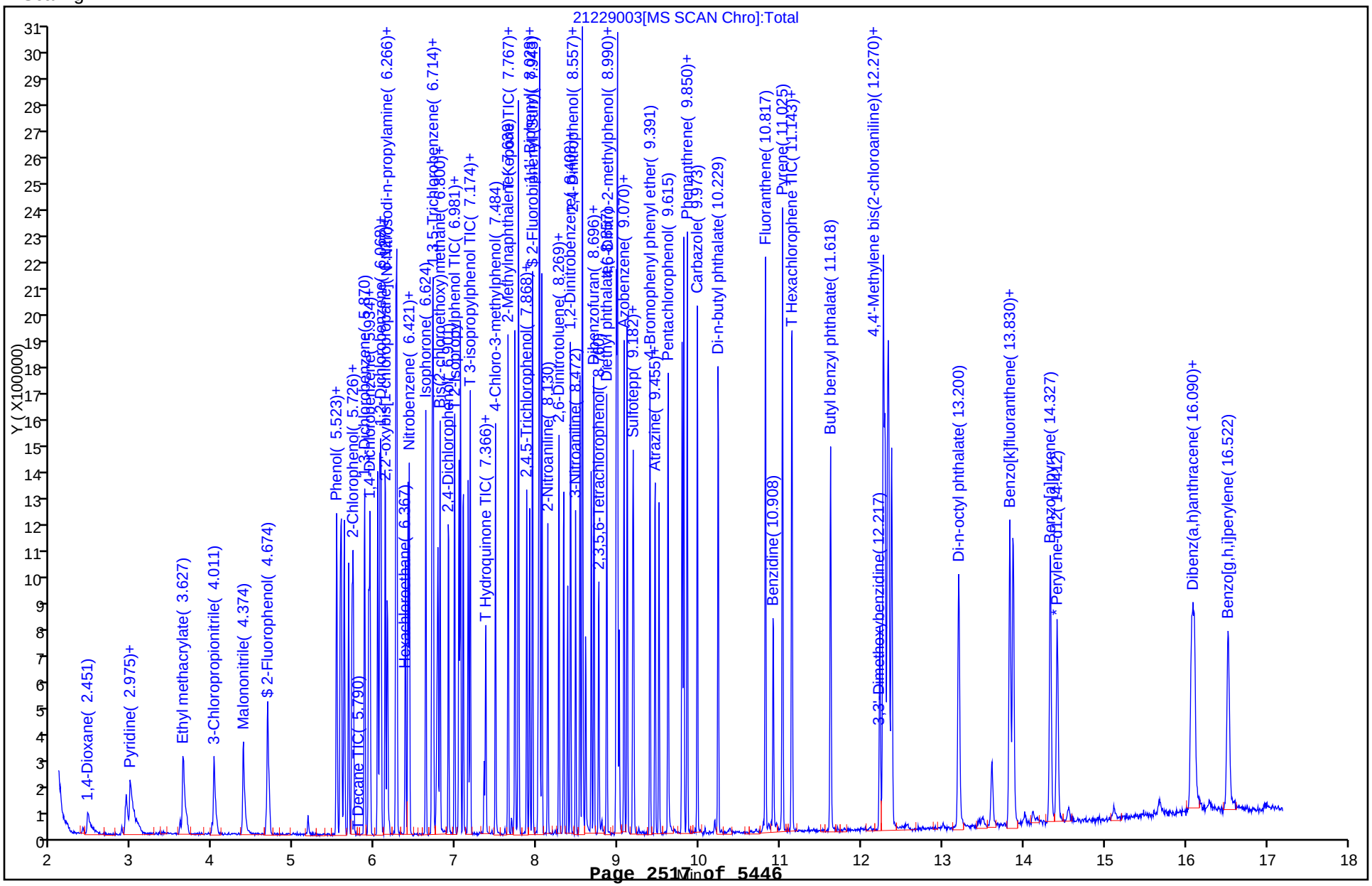
Report Date: 31-Dec-2012 10:36:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229003.D

Injection Date:	29-Dec-2012 11:50:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70566/13

Matrix: Solid | Lab File ID: 21229013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/29/2012 16:45

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70566 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.68		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.86		0.00020	0.00010	0.00010
120-12-7	Anthracene	4.93		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.11		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	4.85		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.51		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.10		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	5.30	^	0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	4.97		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.52		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.85		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.29		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.32		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.21		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.34		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.98		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.07		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.69		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.36		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.97		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.87		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.58		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.65		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	4.97		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.15		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.25		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.21		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.03		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.04		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	4.87		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.93		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.12		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	2.22	^	0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	2.54	^	0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70566/13

Matrix: Solid | Lab File ID: 21229013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/29/2012 16:45

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70566 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.10		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	4.82		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.00		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.89		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.80		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.90		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	4.96		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.37		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.83		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.65		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.99		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.67		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.70		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.43		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.75		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.29		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.52		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.25		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	4.92		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.25		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.11		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.57		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.99		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	4.10	^	0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.69		0.00020	0.00010	0.00010
108-95-2	Phenol	5.36		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.01		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.81		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	4.86		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.03		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70566/13

Matrix: Solid | Lab File ID: 21229013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/29/2012 16:45

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70566 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	99		50-150
367-12-4	2-Fluorophenol (Surr)	112	Q	50-150
4165-60-0	Nitrobenzene-d5 (Surr)	98		50-150
4165-62-2	Phenol-d5 (Surr)	109	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	99		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	112		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229013.D
Lims ID: mrl qccl Client ID:
Inject. Date: 29-Dec-2012 16:45:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016269-013
Misc. Info.: MRL QCCL =MRL QCCL
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 70566 Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121229-16269.b\8270 _9.m
Last Update: 31-Dec-2012 10:35:58 Calib Date: 21-Dec-2012 20:45:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221019.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm Date: 31-Dec-2012 09:33:13

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.921	5.918	0.003	96	111636	4.00	
* 2 Naphthalene-d8	136	7.032	7.034	-0.002	99	465298	4.00	
* 3 Acenaphthene-d10	164	8.528	8.525	0.003	83	269909	4.00	
* 4 Phenanthrene-d10	188	9.783	9.786	-0.003	97	469685	4.00	
* 5 Chrysene-d12	240	12.337	12.339	-0.002	91	463827	4.00	
* 6 Perylene-d12	264	14.410	14.412	-0.002	85	396312	4.00	
$ 7 2-Fluorophenol	112	4.671	4.673	-0.002	90	210236	5.61	
$ 8 Phenol-d5	99	5.568	5.571	-0.003	0	301692	5.46	
$ 9 Nitrobenzene-d5	82	6.402	6.404	-0.002	86	350130	4.92	
$ 10 2-Fluorobiphenyl (Surr)	172	7.940	7.943	-0.003	99	533638	4.93	
$ 11 2,4,6-Tribromophenol	330	9.190	9.193	-0.003	79	51097	5.62	
$ 12 Terphenyl-d14	244	11.140	11.143	-0.003	97	522488	4.97	
22 Bis(2-hydroxyphenyl)methane	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
25 1,4-Dioxane	88	2.459	2.456	0.003	91	109173	5.61	M
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	2.924	2.921	0.003	79	170692	5.79	M
27 Pyridine	79	2.978	2.974	0.004	90	292219	5.56	M
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.629	3.632	-0.003	83	247601	5.47	M
232 1-Methyl-2-pyrrilidinone	99		3.880					
29 3-Chloropropionitrile	54	4.014	4.011	0.003	85	141907	5.56	M
31 2-Picoline	93		4.068					
52 Indene	115		4.084					
32 N-Nitrosomethylethylamine	88		4.212					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66	4.372	4.374	-0.002	93	335644	5.77	
17 4-Chlorophenol	128		4.500					
34 Methyl methanesulfonate	80		4.532					
30 3-Picoline	93		4.591					9
24 Catechol	110		4.592					9
233 n,n'-Dimethylacetamide	44		4.618					
15 3-Methylcatechol	124		4.913					
36 N-Nitrosodiethylamine	102		4.944					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.232					9
38 2-Methylcyclohexanone	68		5.441					
39 3-Methylcyclohexanone	69		5.478					
41 Benzaldehyde	77	5.526	5.523	0.003	88	295032	6.07	
40 4-Methylcyclohexanone	55	5.579	5.526	0.053	22	24204	0	
43 Phenol	94	5.579	5.581	-0.002	98	332986	5.36	
44 Aniline	93	5.617	5.619	-0.002	95	424271	5.49	
69 Bis(2-chloroethyl)ether	93	5.675	5.672	0.003	97	311890	5.29	
45 Pentachloroethane	167		5.697					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128	5.729	5.731	-0.002	86	200832	5.36	
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.868	5.870	-0.002	88	249622	5.15	
48 1,4-Dichlorobenzene	146	5.937	5.934	0.003	78	206765	5.25	
49 Benzyl alcohol	108	6.033	6.030	0.003	86	152668	5.52	
50 1,2-Dichlorobenzene	146	6.071	6.073	-0.002	87	233707	4.97	
51 2-Methylphenol	108	6.124	6.126	-0.002	96	232439	5.70	
53 2,2'-oxybis[1-chloropropane]	45	6.151	6.153	-0.002	94	326061	5.50	
21 3 & 4 Methylphenol	108	6.252	6.255	-0.003	94	232025	5.43	
57 N-Nitrosodi-n-propylamine	70	6.263	6.265	-0.002	76	214336	5.57	
58 Acetophenone	105	6.268	6.271	-0.003	90	345440	5.53	
56 N-Nitrosopyrrolidine	100		6.274					
59 N-Nitrosomorpholine	56		6.306					9
60 2-Toluidine	106		6.327					
61 Hexachloroethane	117	6.375	6.372	0.003	87	120673	5.83	
62 Nitrobenzene	77	6.423	6.420	0.003	76	367597	4.92	
63 N-Nitrosopiperidine	114		6.578					
64 Isophorone	82	6.626	6.623	0.003	95	569807	4.99	
66 2-Nitrophenol	139	6.696	6.698	-0.002	87	100721	5.25	
67 1,3,5-Trichlorobenzene	180	6.706	6.709	-0.003	88	216281	4.76	
65 2,4-Dimethylphenol	107	6.717	6.719	-0.002	62	241398	4.87	
71 Benzoic acid	122	6.765	6.789	-0.024	86	118751	5.30	
68 o,o',o''-Triethylphosphorothioat	198		6.798					
70 Bis(2-chloroethoxy)methane	93	6.803	6.799	0.004	98	375137	4.85	
73 2,4-Dichlorophenol	162	6.904	6.906	-0.002	95	151924	5.03	
72 alpha,alpha-Dimethyl phenethylam	58		6.920					9
74 1,2,4-Trichlorobenzene	180	6.979	6.981	-0.002	87	213227	4.81	
75 Naphthalene	128	7.054	7.051	0.003	97	582024	4.75	
76 4-Chloroaniline	127	7.086	7.088	-0.002	81	249615	5.10	
77 2,6-Dichlorophenol	162		7.123					9
79 Hexachlorobutadiene	225	7.150	7.147	0.003	90	122125	4.96	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
78 Hexachloropropene	213		7.155					
80 1,2,3-Trichlorobenzene	180		7.173					
84 Caprolactam	113	7.363	7.371	-0.008	78	76072	5.51	
83 N-Nitrosodi-n-butylamine	84		7.385					
85 p-Phenylene diamine	108		7.407					9
86 4-Chloro-3-methylphenol	107	7.481	7.483	-0.002	87	206906	5.07	
94 Safrole, Total	162		7.577					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142	7.641	7.638	0.003	87	378125	4.67	
88 1-Methylnaphthalene	142	7.727	7.724	0.003	81	341463	4.50	
89 Hexachlorocyclopentadiene	237	7.769	7.766	0.003	72	114647	4.37	
90 1,2,3,5-Tetrachlorobenzene	216	7.769	7.766	0.003	84	214893	4.80	
91 1,2,4,5-Tetrachlorobenzene	216		7.807					
225 Isosafrole Peak 1	162		7.823					9
92 2,4,6-Trichlorophenol	196	7.871	7.873	-0.002	91	113845	5.03	
93 2,4,5-Trichlorophenol	196	7.903	7.905	-0.002	91	117917	4.86	
97 2,4-Toluene diamine	121	8.010	8.012	-0.002	95	106754	4.69	
227 Isosafrole Peak 2	162		8.016					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.023					
98 1,1'-Biphenyl	154	8.031	8.028	0.003	96	473212	4.68	
100 2-Chloronaphthalene	162	8.058	8.055	0.003	98	416566	4.69	
102 2-Nitroaniline	65	8.127	8.130	-0.003	72	152627	5.29	
103 1,4-Naphthoquinone	158		8.224					
104 1,4-Dinitrobenzene	168		8.267					9
105 Dimethyl phthalate	163	8.266	8.269	-0.003	94	393626	4.93	
107 2,6-Dinitrotoluene	165	8.325	8.327	-0.002	75	100501	4.82	
106 1,3-Dinitrobenzene	168	8.373	8.331	0.042	57	51503	3.97	
108 1,2-Dinitrobenzene	168	8.373	8.375	-0.002	82	51503	4.68	
109 Acenaphthylene	152	8.411	8.413	-0.003	91	620978	4.86	
110 3-Nitroaniline	138	8.475	8.477	-0.002	88	105482	5.52	
112 Acenaphthene	153	8.555	8.557	-0.002	95	381419	4.68	
111 2,4-Dinitrophenol	184	8.560	8.562	-0.002	46	12993	2.54	
113 4-Nitrophenol	109	8.597	8.600	-0.003	88	55305	4.11	
114 2,4-Dinitrotoluene	165	8.667	8.669	-0.002	75	139469	5.10	
115 Pentachlorobenzene	250		8.689					9
116 Dibenzofuran	168	8.699	8.701	-0.002	85	528036	4.65	
118 2,3,5,6-Tetrachlorophenol	232	8.758	8.760	-0.002	84	77479	3.72	
117 1-Naphthylamine	143		8.790					9
119 2,3,4,6-Tetrachlorophenol	232		8.822					
120 2-Naphthylamine	143		8.854					9
121 Diethyl phthalate	149	8.859	8.856	0.003	95	430512	5.04	
122 Thionazin	97		8.956					9
123 4-Chlorophenyl phenyl ether	204	8.977	8.974	0.003	91	266527	4.97	
125 4-Nitroaniline	138	8.987	8.990	-0.003	71	114010	5.25	
126 Fluorene	166	8.987	8.990	-0.003	76	415791	4.80	
128 4,6-Dinitro-2-methylphenol	198	9.014	9.011	0.003	62	23589	2.22	
124 N-Nitro-o-toluidine	152		9.015					
127 Tributyl phosphate	99		9.047					
131 N-Nitrosodiphenylamine	169	9.073	9.070	0.003	99	323125	4.99	
130 Diphenylamine	169		9.100					
133 Azobenzene	77	9.110	9.107	0.003	95	659695	5.00	
132 1,2-Diphenylhydrazine	77	9.110	9.107	0.003	99	659695	5.00	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
134 Sulfotepp	202	9.180	9.207	-0.027	77	53771	5.51	
176 Hexabromobenzene	232		9.208					
135 1,3,5-Trinitrobenzene	213		9.298					
228 Diallate Peak 1	86		9.335					9
137 Phenacetin	108		9.340					
138 Phorate	121		9.346					
139 4-Bromophenyl phenyl ether	248	9.393	9.390	0.003	63	146410	5.21	
230 Diallate Peak 2	86		9.415					9
141 Hexachlorobenzene	284	9.452	9.454	-0.002	77	132401	4.90	
140 Dimethoate	87		9.490					9
142 Atrazine	200	9.500	9.503	-0.003	83	98664	5.56	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.612	9.615	-0.003	77	61245	4.10	
129 4-Aminobiphenyl	169		9.640					9
145 Pentachloronitrobenzene	237		9.650					9
144 Pronamide	173		9.666					
147 Dinoseb	211		9.778					
146 Disulfoton	88		9.784					9
148 Phenanthrene	178	9.805	9.807	-0.002	97	611905	4.69	
149 Anthracene	178	9.848	9.850	-0.002	86	634938	4.93	
150 DFTPP								
151 Carbazole	167	9.976	9.978	-0.002	82	589251	4.98	
152 Methyl parathion	109		10.104					9
154 Di-n-butyl phthalate	149	10.232	10.229	0.003	100	747895	5.12	
155 Ethyl Parathion	97		10.425					
156 4-Nitroquinoline-1-oxide	190		10.478					9
157 Methapyrilene	58		10.526					
158 Isodrin	66		10.719					
159 Fluoranthene	202	10.814	10.817	-0.003	99	704502	4.89	
160 Benzidine	184	10.911	10.913	-0.002	96	257654	4.59	
161 Pyrene	202	11.028	11.025	0.003	97	756553	5.01	
166 4,4'-DDE	246		11.116					9
226 Aramite Peak 1	185		11.130					9
229 Aramite Peak 2	185		11.205					9
163 p-Dimethylamino azobenzene	225		11.312					
164 Chlorobenzilate	139		11.344					
165 4,4'-DDD	235		11.450					
167 Famphur	218		11.605					
168 Butyl benzyl phthalate	149	11.616	11.618	-0.002	93	312752	5.34	
169 3,3'-Dimethylbenzidine	212		11.664					9
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.738					
186 Dibenz[a,j]acridine	279		11.804					
171 2-Acetylaminofluorene	181		11.953					
172 3,3'-Dimethoxybenzidine	244	12.225	12.227	-0.002	89	160433	5.26	
175 3,3'-Dichlorobenzidine	252	12.268	12.270	-0.002	74	245861	5.21	
174 4,4'-Methylene bis(2-chloroanili	231	12.273	12.270	0.003	74	122278	4.82	
173 Bis(2-ethylhexyl) phthalate	149	12.289	12.291	-0.002	95	453560	5.32	
177 Benzo[a]anthracene	228	12.321	12.323	-0.002	86	680412	5.11	
178 Chrysene	228	12.369	12.371	-0.002	81	632626	4.87	
180 Di-n-octyl phthalate	149	13.197	13.199	-0.002	99	723828	5.00	
182 Benzo[b]fluoranthene	252	13.827	13.830	-0.003	72	596112	4.51	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 7,12-Dimethylbenz(a)anthracene	256		13.871					
183 Benzo[k]fluoranthene	252	13.870	13.872	-0.002	77	666743	4.97	
184 Benzo[a]pyrene	252	14.330	14.332	-0.002	76	583224	4.85	
185 3-Methylcholanthrene	268		14.928					
188 Indeno[1,2,3-cd]pyrene	276	16.071	16.073	-0.002	82	619578	4.65	
189 Dibenz(a,h)anthracene	278	16.103	16.105	-0.002	63	472330	4.58	
190 Benzo[g,h,i]perylene	276	16.525	16.527	-0.002	81	557052	5.10	
S 191 Methyl Phenols,Total	100				0		11.1	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 195 Hydroquinone TIC	110		0.000					
T 240 Trimethyl phosphate TIC	110		3.120					1
T 193 Hexamethylphosphoramide TIC	135		5.100					
T 194 Decane TIC	142		5.800					
T 234 2-Isopropylphenol TIC	121		7.019					
T 235 4-isopropylphenol TIC	121		7.173					
T 236 3-isopropylphenol TIC	121		7.173					
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		7.537					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 192 Octadecane (TIC)	254		9.600					
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1
T 231 2,3,7,8-TCDD	322		12.400					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

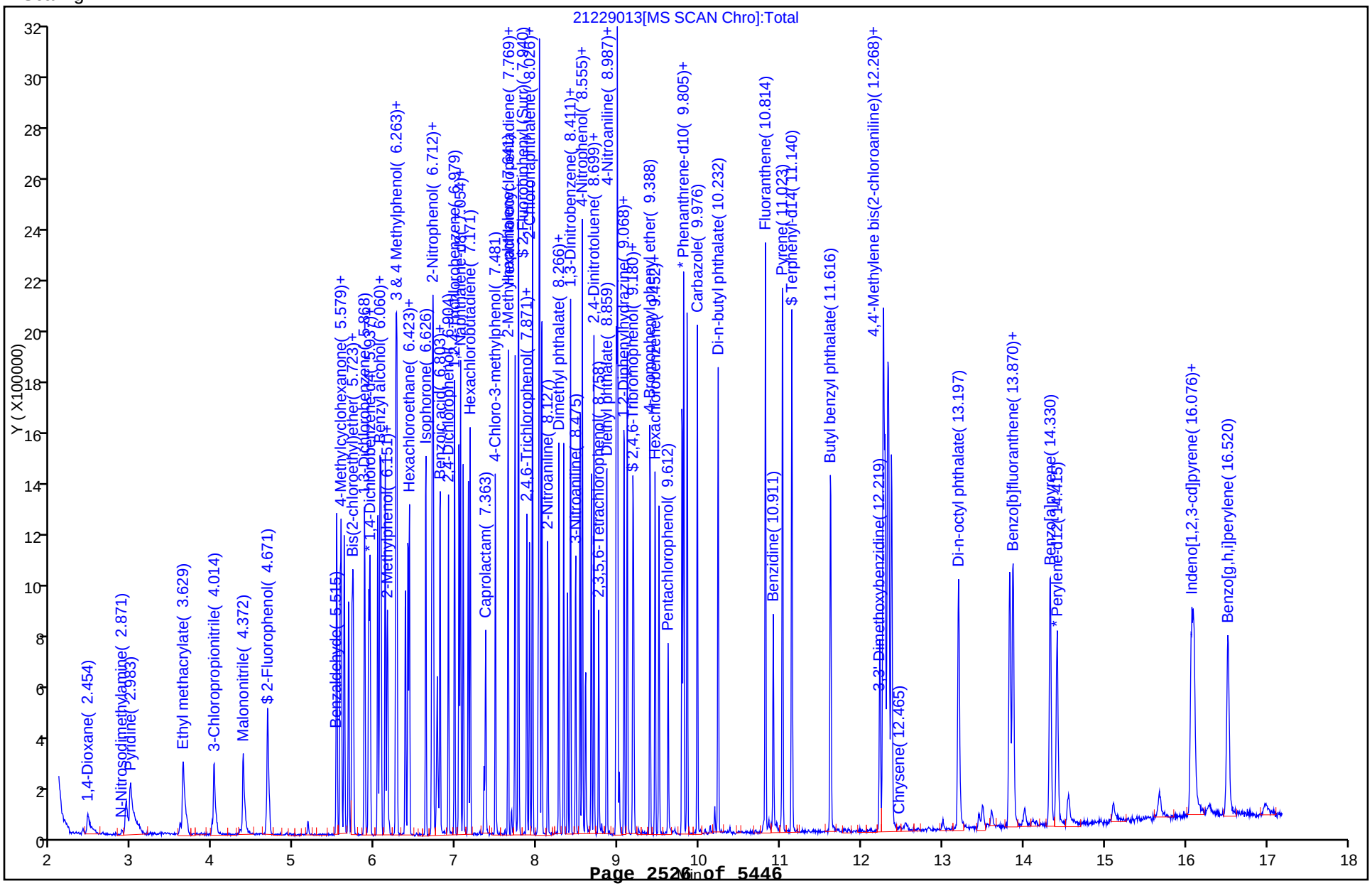
Review Flags
M - Manually Integrated

Report Date: 31-Dec-2012 10:36:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121229-16269.b\21229013.D		
Injection Date:	29-Dec-2012 16:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70566	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70814/11

Matrix: Solid | Lab File ID: 30102011.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 01/02/2013 12:18

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70814 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.04		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.05		0.00020	0.00010	0.00010
120-12-7	Anthracene	4.97		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.88		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.04		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.82		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.02		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.07	M	0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.02		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.97		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.69		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.10		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	4.93		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.15		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.89		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.92		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	4.73		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.96		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.07		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.00		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.82		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.68		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.87		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.08		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.15		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.31		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.21		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	4.95		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.36		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	4.43		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.43		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.93		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	5.25		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.37		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70814/11

Matrix: Solid | Lab File ID: 30102011.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 01/02/2013 12:18

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70814 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.56		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.80		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.83		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.92		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.06		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.15		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.11		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.28		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.98		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.93		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.58		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.59		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.46		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.09		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.73		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.39		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.58		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.41		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	4.49		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.13		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.72		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.16		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.94		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	8.94		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.81		0.00020	0.00010	0.00010
108-95-2	Phenol	5.00		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.78		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.84		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.14		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.14		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70814/11

Matrix: Solid | Lab File ID: 30102011.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 01/02/2013 12:18

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70814 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	102		50-150
367-12-4	2-Fluorophenol (Surr)	105		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	92		50-150
4165-62-2	Phenol-d5 (Surr)	101	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	95		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	105		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102011.D
Lims ID: mrl qc
Client ID:
Inject. Date: 02-Jan-2013 12:18:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016332-011
Misc. Info.: MRL QC =MRL QC
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 11
Lims Batch ID: 70814
Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\8270 _9.m
Last Update: 03-Jan-2013 10:28:37
Calib Date: 02-Jan-2013 11:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: ulmanm
Date: 02-Jan-2013 13:04:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.942	5.945	-0.003	95	130256	4.00	
* 2 Naphthalene-d8	136	7.058	7.056	0.002	99	543090	4.00	
* 3 Acenaphthene-d10	164	8.554	8.552	0.002	92	295172	4.00	
* 4 Phenanthrene-d10	188	9.809	9.813	-0.004	96	549854	4.00	
* 5 Chrysene-d12	240	12.374	12.372	0.002	89	556104	4.00	
* 6 Perylene-d12	264	14.462	14.461	0.002	86	450270	4.00	
$ 7 2-Fluorophenol	112	4.692	4.689	0.003	90	228963	5.24	
$ 8 Phenol-d5	99	5.594	5.592	0.002	0	326689	5.07	
$ 9 Nitrobenzene-d5	82	6.428	6.430	-0.002	86	382903	4.61	
$ 10 2-Fluorobiphenyl (Surr)	172	7.966	7.969	-0.003	98	604485	5.11	
$ 11 2,4,6-Tribromophenol	330	9.216	9.219	-0.003	70	52179	5.27	
$ 12 Terphenyl-d14	244	11.166	11.169	-0.003	95	597805	4.75	
13 Octachlorocyclopentene	1		0.000					
20 Dimethylformamide	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88	2.437	2.440	-0.003	79	127796	5.63	M
35 Acrylamide	71	2.731	2.744	-0.013	21	547	0	
26 N-Nitrosodimethylamine	74	2.918	2.926	-0.008	75	185214	5.38	M
27 Pyridine	79	2.977	2.974	0.003	90	330234	5.39	M
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.634	3.636	-0.002	83	268889	5.09	M
31 2-Picoline	93		3.992					9
30 3-Picoline	93		3.992					9
29 3-Chloropropionitrile	54	4.024	4.026	-0.002	87	148320	4.98	
52 Indene	115		4.084					
32 N-Nitrosomethylethylamine	88		4.136					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66	4.392	4.390	0.002	93	369385	5.44	
34 Methyl methanesulfonate	80		4.478					
17 4-Chlorophenol	128		4.500					9
233 n,n'-Dimethylacetamide	44		4.558					
24 Catechol	110		4.592					9
36 N-Nitrosodiethylamine	102		4.890					
15 3-Methylcatechol	124		4.913					9
14 4-Methylcatechol	124		5.036					9
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.183					
38 2-Methylcyclohexanone	68		5.392					
39 3-Methylcyclohexanone	69		5.429					
40 4-Methylcyclohexanone	55		5.483					
41 Benzaldehyde	77	5.546	5.544	0.002	89	308577	5.44	
43 Phenol	94	5.605	5.608	-0.003	97	362470	5.00	
44 Aniline	93	5.643	5.640	0.003	97	468195	5.19	
45 Pentachloroethane	167		5.654					
69 Bis(2-chloroethyl)ether	93	5.696	5.693	0.003	96	350705	5.10	
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128	5.755	5.752	0.003	93	221797	5.07	
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.894	5.891	0.003	91	291015	5.15	
48 1,4-Dichlorobenzene	146	5.958	5.960	-0.002	88	244085	5.31	
232 1-Methyl-2-pyrrilidinone	99		6.052					
49 Benzyl alcohol	108	6.054	6.056	-0.002	85	160190	4.97	
50 1,2-Dichlorobenzene	146	6.097	6.094	0.003	90	278457	5.08	
51 2-Methylphenol	108	6.145	6.147	-0.002	94	259922	5.46	
53 2,2'-oxybis[1-chloropropane]	45	6.171	6.174	-0.003	95	356983	5.16	
56 N-Nitrosopyrrolidine	100		6.231					
59 N-Nitrosomorpholine	56		6.268					9
21 3 & 4 Methylphenol	108	6.278	6.281	-0.003	93	253619	5.09	
60 2-Toluidine	106		6.284					
57 N-Nitrosodi-n-propylamine	70	6.284	6.286	-0.002	79	231826	5.16	
58 Acetophenone	105	6.294	6.291	0.003	91	368171	5.05	
61 Hexachloroethane	117	6.396	6.398	-0.002	89	120209	4.98	
62 Nitrobenzene	77	6.444	6.446	-0.002	76	391722	4.49	
63 N-Nitrosopiperidine	114		6.540					
64 Isophorone	82	6.647	6.649	-0.002	94	609459	4.58	
66 2-Nitrophenol	139	6.722	6.724	-0.002	89	114716	5.13	
67 1,3,5-Trichlorobenzene	180	6.732	6.735	-0.003	89	240960	4.55	
65 2,4-Dimethylphenol	107	6.743	6.746	-0.003	96	256321	4.43	
68 o,o',o''-Triethylphosphorothioat	198		6.759					
71 Benzoic acid	122	6.796	6.820	-0.024	86	260078	9.07	M
70 Bis(2-chloroethoxy)methane	93	6.823	6.826	-0.003	98	423928	4.69	
72 alpha,alpha-Dimethyl phenethylam	58		6.872					9
73 2,4-Dichlorophenol	162	6.930	6.933	-0.003	95	174791	4.95	
74 1,2,4-Trichlorobenzene	180	7.005	7.007	-0.002	87	250485	4.84	
75 Naphthalene	128	7.080	7.077	0.003	96	675898	4.73	
77 2,6-Dichlorophenol	162		7.085					9
78 Hexachloropropene	213		7.112					9
76 4-Chloroaniline	127	7.112	7.114	-0.002	80	263538	4.62	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225	7.170	7.173	-0.003	86	146977	5.11	
80 1,2,3-Trichlorobenzene	180	7.197	7.200	-0.003	87	230712	0	
83 N-Nitrosodi-n-butylamine	84		7.347					9
85 p-Phenylene diamine	108		7.368					9
84 Caprolactam	113	7.389	7.397	-0.008	82	88220	5.47	
86 4-Chloro-3-methylphenol	107	7.507	7.509	-0.002	86	225362	4.73	
94 Safrole, Total	162		7.539					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142	7.667	7.664	0.003	85	433894	4.59	
88 1-Methylnaphthalene	142	7.753	7.750	0.003	82	407509	4.60	
91 1,2,4,5-Tetrachlorobenzene	216		7.764					
225 Isosafrole Peak 1	162		7.785					9
90 1,2,3,5-Tetrachlorobenzene	216	7.795	7.793	0.002	85	258593	5.29	
89 Hexachlorocyclopentadiene	237	7.795	7.793	0.002	67	122796	4.28	
92 2,4,6-Trichlorophenol	196	7.897	7.894	0.003	92	127329	5.14	
93 2,4,5-Trichlorophenol	196	7.929	7.932	-0.003	89	136325	5.14	
227 Isosafrole Peak 2	162		7.977					
97 2,4-Toluene diamine	121	8.036	8.038	-0.002	94	104327	3.93	
99 1,2,3,4 -Tetrachlorobenzene	216		8.049					
98 1,1'-Biphenyl	154	8.057	8.054	0.003	95	542924	4.91	
100 2-Chloronaphthalene	162	8.084	8.081	0.003	97	481227	4.96	
102 2-Nitroaniline	65	8.153	8.156	-0.003	71	170396	5.39	
103 1,4-Naphthoquinone	158		8.186					
104 1,4-Dinitrobenzene	168		8.228					
106 1,3-Dinitrobenzene	168		8.287					
105 Dimethyl phthalate	163	8.292	8.295	-0.003	95	473707	5.43	
107 2,6-Dinitrotoluene	165	8.351	8.354	-0.003	84	134529	5.80	
108 1,2-Dinitrobenzene	168	8.399	8.402	-0.003	82	70612	5.87	
109 Acenaphthylene	152	8.436	8.439	-0.003	85	706513	5.05	
110 3-Nitroaniline	138	8.501	8.503	-0.002	88	116735	5.58	
112 Acenaphthene	153	8.581	8.583	-0.002	92	449215	5.04	
111 2,4-Dinitrophenol	184	8.586	8.589	-0.003	75	113237	9.37	
113 4-Nitrophenol	109	8.623	8.626	-0.003	88	70400	4.72	
115 Pentachlorobenzene	250		8.650					9
114 2,4-Dinitrotoluene	165	8.693	8.695	-0.002	80	167212	5.56	
116 Dibenzofuran	168	8.725	8.727	-0.002	84	604923	4.87	
117 1-Naphthylamine	143		8.747					9
119 2,3,4,6-Tetrachlorophenol	232		8.779					
118 2,3,5,6-Tetrachlorophenol	232	8.784	8.786	-0.002	84	104746	4.59	
120 2-Naphthylamine	143		8.816					9
121 Diethyl phthalate	149	8.880	8.882	-0.002	95	500299	5.36	
122 Thionazin	97		8.918					9
124 N-Nitro-o-toluidine	152		8.971					9
123 4-Chlorophenyl phenyl ether	204	9.003	9.000	0.003	91	293130	5.00	
127 Tributyl phosphate	99		9.008					9
125 4-Nitroaniline	138	9.013	9.016	-0.003	62	128826	5.41	
126 Fluorene	166	9.013	9.016	-0.003	67	479258	5.06	
128 4,6-Dinitro-2-methylphenol	198	9.035	9.037	-0.002	75	84195	5.25	
130 Diphenylamine	169	9.094	9.056	0.038	93	374111	4.32	
131 N-Nitrosodiphenylamine	169	9.094	9.096	-0.002	98	374111	4.94	
133 Azobenzene	77	9.136	9.133	0.003	96	735470	4.77	
132 1,2-Diphenylhydrazine	77	9.136	9.133	0.003	98	735470	4.77	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
134 Sulfotepp	202	9.206	9.169	0.037	75	57348	5.02	
176 Hexabromobenzene	232		9.208					
135 1,3,5-Trinitrobenzene	213		9.259					
228 Diallate Peak 1	86		9.292					9
137 Phenacetin	108		9.297					
138 Phorate	121		9.302					9
230 Diallate Peak 2	86		9.372					9
139 4-Bromophenyl phenyl ether	248	9.414	9.417	-0.003	70	169563	5.15	
140 Dimethoate	87		9.446					9
141 Hexachlorobenzene	284	9.478	9.481	-0.003	76	162961	5.15	
142 Atrazine	200	9.526	9.529	-0.003	83	120355	5.79	
179 6-Methylchrysene	242		9.576					
129 4-Aminobiphenyl	169		9.596					9
145 Pentachloronitrobenzene	237		9.607					9
144 Pronamide	173		9.623					9
143 Pentachlorophenol	266	9.638	9.641	-0.003	76	172753	8.94	
147 Dinoseb	211		9.735					
146 Disulfoton	88		9.740					9
148 Phenanthrene	178	9.831	9.833	-0.002	96	735173	4.81	
149 Anthracene	178	9.873	9.876	-0.003	95	749925	4.97	
150 DFTPP								
151 Carbazole	167	10.002	9.999	0.003	82	681724	4.92	
152 Methyl parathion	109		10.061					9
154 Di-n-butyl phthalate	149	10.253	10.255	-0.002	100	843084	4.93	
155 Ethyl Parathion	97		10.381					
156 4-Nitroquinoline-1-oxide	190		10.435					
157 Methapyrilene	58		10.477					
158 Isodrin	66		10.670					9
159 Fluoranthene	202	10.840	10.843	-0.003	93	829532	4.92	
160 Benzidine	184	10.937	10.939	-0.002	98	318593	4.72	
161 Pyrene	202	11.054	11.057	-0.003	94	865214	4.78	
226 Aramite Peak 1	185		11.076					9
166 4,4'-DDE	246		11.102					9
229 Aramite Peak 2	185		11.151					9
163 p-Dimethylamino azobenzene	225		11.257					9
164 Chlorobenzilate	139		11.290					
165 4,4'-DDD	235		11.437					
167 Famphur	218		11.546					
169 3,3'-Dimethylbenzidine	212		11.605					
168 Butyl benzyl phthalate	149	11.647	11.650	-0.003	89	343412	4.89	
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.775					
186 Dibenz[a,j]acridine	279		11.804					
171 2-Acetylaminofluorene	181		11.888					
172 3,3'-Dimethoxybenzidine	244	12.261	12.264	-0.003	81	161101	4.52	
174 4,4'-Methylene bis(2-chloroanili	231	12.304	12.307	-0.003	71	148754	4.89	
175 3,3'-Dichlorobenzidine	252	12.304	12.307	-0.003	69	295120	5.21	
173 Bis(2-ethylhexyl) phthalate	149	12.320	12.323	-0.003	95	503767	4.93	
177 Benzo[a]anthracene	228	12.363	12.360	0.003	79	778173	4.88	
178 Chrysene	228	12.406	12.408	-0.002	93	750733	4.82	
180 Di-n-octyl phthalate	149	13.234	13.236	-0.002	99	792005	4.83	
181 7,12-Dimethylbenz(a)anthracene	256		13.790					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252	13.875	13.877	-0.002	81	723839	4.82	
183 Benzo[k]fluoranthene	252	13.917	13.920	-0.003	84	766216	5.02	
184 Benzo[a]pyrene	252	14.377	14.379	-0.002	74	687939	5.04	
185 3-Methylcholanthrene	268		14.831					9
188 Indeno[1,2,3-cd]pyrene	276	16.129	16.137	-0.008	86	746156	4.93	
189 Dibenz(a,h)anthracene	278	16.161	16.164	-0.003	74	547886	4.68	
190 Benzo[g,h,i]perylene	276	16.583	16.591	-0.008	82	622482	5.02	
S 191 Methyl Phenols,Total	100				0		10.5	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 195 Hydroquinone TIC	110	7.368	0.0	7.368	91	84039	0	
T 240 Trimethyl phosphate TIC	110		3.120					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 194 Decane TIC	142	5.888	5.800	0.088	6	416	0	
T 234 2-Isopropylphenol TIC	121	7.021	7.019	0.002	0	770	0	
T 236 3-isopropylphenol TIC	121	7.170	7.173	-0.003	0	3645	0	
T 235 4-isopropylphenol TIC	121	7.170	7.173	-0.003	0	3645	0	
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		7.537					1
T 196 Kepone TIC	272	7.795	8.281	-0.486	1	18267	0.1314	
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 197 Hexachlorophene TIC	198	11.166	9.269	1.897	2	14587	0.1296	
T 241 Tricresyl phosphate TIC	368		9.372					1
T 192 Octadecane (TIC)	254	9.473	9.600	-0.127	1	811	0	
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1
T 231 2,3,7,8-TCDD	322		12.400					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

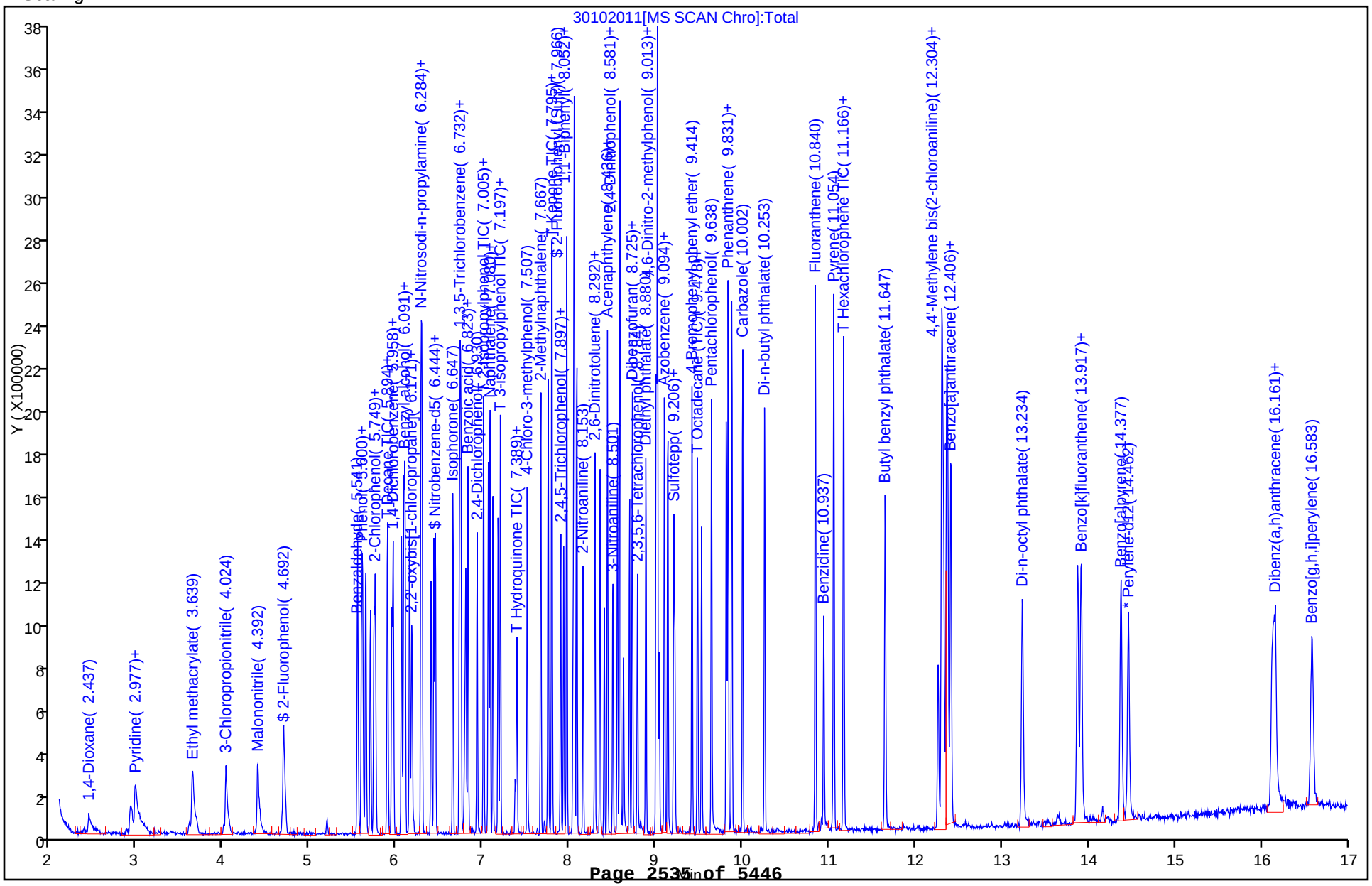
Report Date: 03-Jan-2013 10:34:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102011.D

Injection Date:	02-Jan-2013 12:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70814	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

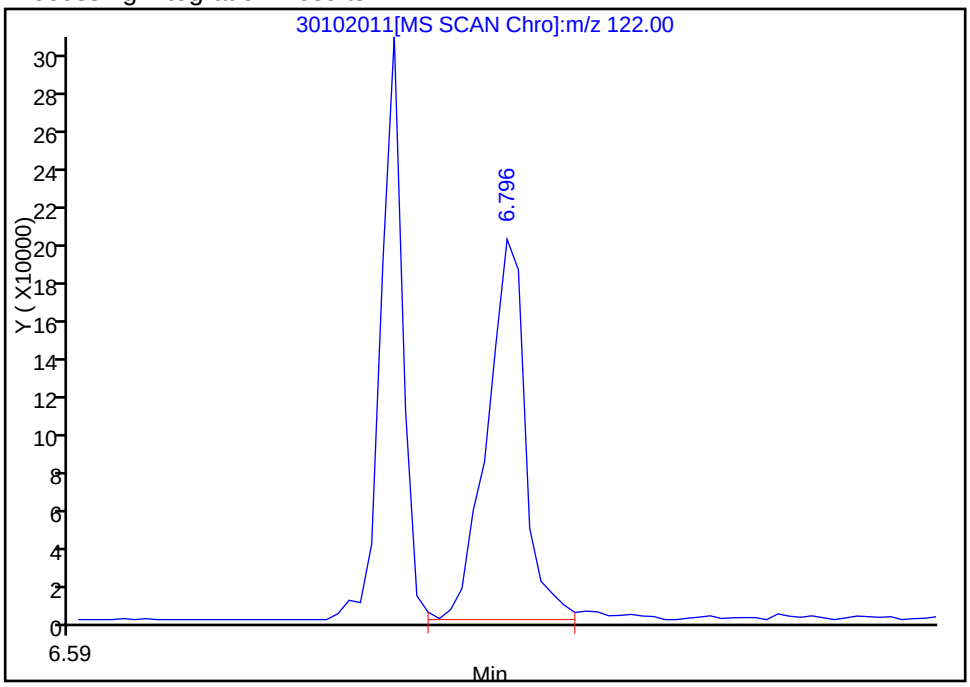
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102011.D		
Injection Date:	02-Jan-2013 12:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70814	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.82

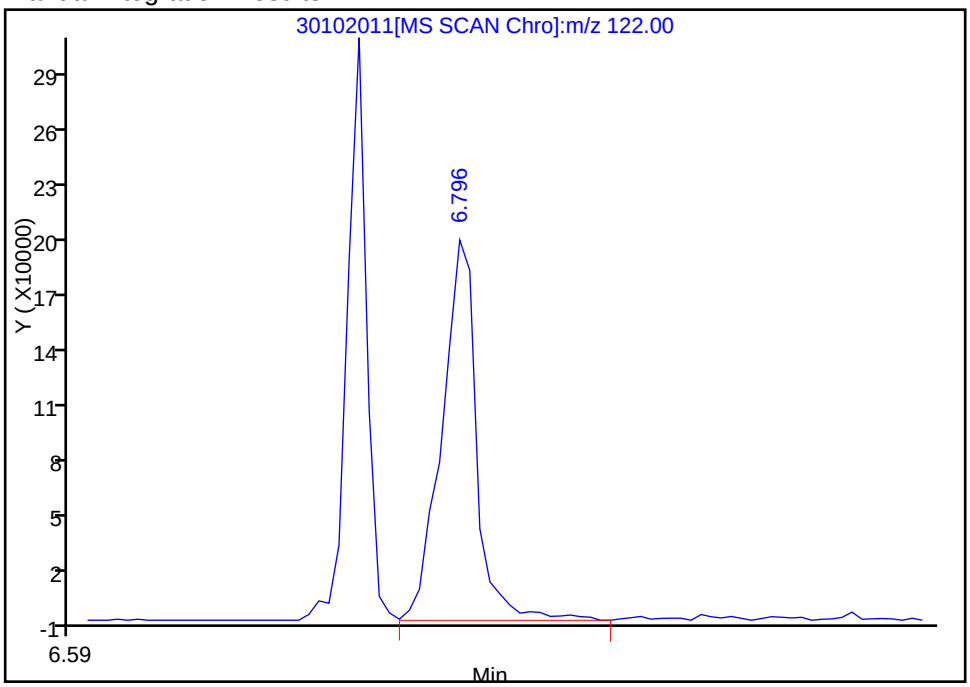
Processing Integration Results

RT: 6.80
Response: 254839
Amount: 8.907889



Manual Integration Results

RT: 6.80
Response: 260078
Amount: 9.068160



Reviewer: ulmanm, 02-Jan-2013 13:04:37
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70814/13

Matrix: Solid | Lab File ID: 30102013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 01/02/2013 13:09

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70814 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.98		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.04		0.00020	0.00010	0.00010
120-12-7	Anthracene	4.90		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.15		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	4.72		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.52		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.87		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	8.79		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	4.95		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.97		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.88		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	4.67		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.03		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	4.89		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.04		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.94		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.28		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.89		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.09		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.36		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.86		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.61		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.85		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	4.63		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.76		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.00		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.38		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.04		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.22		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	4.90		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.29		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.96		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	5.05		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	8.87		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70814/13

Matrix: Solid | Lab File ID: 30102013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 01/02/2013 13:09

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70814 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.65		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.28		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.81		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.85		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.06		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.33		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.31		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.84		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.08		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.80		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.88		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.75		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	4.99		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	4.98		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.96		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.50		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.74		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.19		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	4.84		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.69		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.50		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	4.79		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.15		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.17		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.58		0.00020	0.00010	0.00010
108-95-2	Phenol	4.97		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.02		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.02		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.31		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.54		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70814/13

Matrix: Solid | Lab File ID: 30102013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 01/02/2013 13:09

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70814 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	100		50-150
367-12-4	2-Fluorophenol (Surr)	102		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	106	Q	50-150
4165-62-2	Phenol-d5 (Surr)	98		50-150
1718-51-0	Terphenyl-d14 (Surr)	97		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	118		50-150

Report Date: 03-Jan-2013 10:34:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102013.D
Lims ID: mrl qccl Client ID:
Inject. Date: 02-Jan-2013 13:09:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016332-013
Misc. Info.: MRL QCCL =MRL QCCL
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 70814 Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\8270 _9.m
Last Update: 03-Jan-2013 10:28:37 Calib Date: 02-Jan-2013 11:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: ulmanm Date: 02-Jan-2013 13:49:30

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.944	5.945	-0.001	94	142573	4.00	
* 2 Naphthalene-d8	136	7.055	7.056	-0.001	98	526831	4.00	
* 3 Acenaphthene-d10	164	8.551	8.552	-0.001	89	311902	4.00	
* 4 Phenanthrene-d10	188	9.812	9.813	-0.001	97	581217	4.00	
* 5 Chrysene-d12	240	12.371	12.372	-0.001	83	580255	4.00	
* 6 Perylene-d12	264	14.460	14.461	0.0	91	484080	4.00	
$ 7 2-Fluorophenol	112	4.694	4.689	0.005	89	243018	5.08	
$ 8 Phenol-d5	99	5.592	5.592	0.0	0	346311	4.91	
$ 9 Nitrobenzene-d5	82	6.430	6.430	0.0	83	426521	5.30	
$ 10 2-Fluorobiphenyl (Surr)	172	7.964	7.969	-0.005	99	627677	5.02	
$ 11 2,4,6-Tribromophenol	330	9.219	9.219	0.0	81	62124	5.89	
$ 12 Terphenyl-d14	244	11.169	11.169	0.0	97	638659	4.86	
13 Octachlorocyclopentene	1		0.000					
20 Dimethylformamide	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88	2.445	2.440	0.005	80	130910	5.27	M
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	2.921	2.926	-0.005	73	198187	5.26	M
27 Pyridine	79	2.985	2.974	0.011	91	341867	5.09	M
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.642	3.636	0.006	83	276687	4.78	M
31 2-Picoline	93		3.992					
30 3-Picoline	93		3.992					9
29 3-Chloropropionitrile	54	4.026	4.026	0.0	80	165009	5.06	M
52 Indene	115		4.084					
32 N-Nitrosomethylethylamine	88		4.136					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66	4.395	4.390	0.005	95	380640	5.12	
34 Methyl methanesulfonate	80		4.478					
17 4-Chlorophenol	128		4.500					
233 n,n'-Dimethylacetamide	44		4.558					
24 Catechol	110		4.592					9
36 N-Nitrosodiethylamine	102		4.890					9
15 3-Methylcatechol	124		4.913					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.183					
38 2-Methylcyclohexanone	68		5.392					
39 3-Methylcyclohexanone	69		5.429					
40 4-Methylcyclohexanone	55		5.483					
41 Benzaldehyde	77	5.544	5.544	0.0	85	326647	5.26	
43 Phenol	94	5.602	5.608	-0.006	97	394846	4.97	
44 Aniline	93	5.640	5.640	0.0	95	466959	4.73	
45 Pentachloroethane	167		5.654					
69 Bis(2-chloroethyl)ether	93	5.693	5.693	0.0	99	352186	4.67	
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128	5.752	5.752	0.0	94	243681	5.09	
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.891	5.891	0.0	90	294562	4.76	
48 1,4-Dichlorobenzene	146	5.960	5.960	0.0	88	251301	5.00	
232 1-Methyl-2-pyrrilidinone	99		6.052					
49 Benzyl alcohol	108	6.056	6.056	0.0	88	175509	4.97	
50 1,2-Dichlorobenzene	146	6.094	6.094	0.0	87	277789	4.63	
51 2-Methylphenol	108	6.147	6.147	0.0	93	259875	4.99	
53 2,2'-oxybis[1-chloropropane]	45	6.174	6.174	0.0	96	355943	4.70	
56 N-Nitrosopyrrolidine	100		6.231					
59 N-Nitrosomorpholine	56		6.268					9
21 3 & 4 Methylphenol	108	6.281	6.281	0.0	88	271878	4.98	
60 2-Toluidine	106		6.284					
57 N-Nitrosodi-n-propylamine	70	6.286	6.286	0.0	81	235470	4.79	
58 Acetophenone	105	6.291	6.291	0.0	86	380578	4.77	
61 Hexachloroethane	117	6.398	6.398	0.0	91	134116	5.08	
62 Nitrobenzene	77	6.446	6.446	0.0	74	409188	4.84	
63 N-Nitrosopiperidine	114		6.540					
64 Isophorone	82	6.649	6.649	0.0	95	630309	4.88	
66 2-Nitrophenol	139	6.724	6.724	0.0	91	124155	5.69	
67 1,3,5-Trichlorobenzene	180	6.730	6.735	-0.005	87	257126	5.00	
65 2,4-Dimethylphenol	107	6.740	6.746	-0.006	76	274742	4.90	
68 o,o',o''-Triethylphosphorothioat	198		6.759					
71 Benzoic acid	122	6.799	6.820	-0.021	85	243345	8.79	
70 Bis(2-chloroethoxy)methane	93	6.826	6.826	0.0	96	427359	4.88	
72 alpha,alpha-Dimethyl phenethylam	58		6.872					9
73 2,4-Dichlorophenol	162	6.927	6.933	-0.006	96	172591	5.04	
74 1,2,4-Trichlorobenzene	180	7.002	7.007	-0.005	84	252420	5.02	
75 Naphthalene	128	7.077	7.077	0.0	98	688472	4.96	
77 2,6-Dichlorophenol	162		7.085					9
78 Hexachloropropene	213		7.112					
76 4-Chloroaniline	127	7.109	7.114	-0.005	80	292595	5.28	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225	7.173	7.173	0.0	88	148191	5.31	
80 1,2,3-Trichlorobenzene	180		7.200					
83 N-Nitrosodi-n-butylamine	84		7.347					9
85 p-Phenylene diamine	108		7.368					9
84 Caprolactam	113	7.392	7.397	-0.005	79	84838	5.43	
86 4-Chloro-3-methylphenol	107	7.509	7.509	0.0	82	243903	5.28	
94 Safrole, Total	162		7.539					
153 Diphenylsulfone	125		7.616					9
87 2-Methylnaphthalene	142	7.664	7.664	0.0	85	435295	4.75	
88 1-Methylnaphthalene	142	7.750	7.750	0.0	80	425065	4.94	
91 1,2,4,5-Tetrachlorobenzene	216		7.764					
225 Isosafrole Peak 1	162		7.785					
90 1,2,3,5-Tetrachlorobenzene	216	7.793	7.793	0.0	89	263805	5.10	
89 Hexachlorocyclopentadiene	237	7.793	7.793	0.0	69	146798	4.84	
92 2,4,6-Trichlorophenol	196	7.894	7.894	0.0	87	144825	5.54	
93 2,4,5-Trichlorophenol	196	7.931	7.932	-0.001	93	148849	5.31	
227 Isosafrole Peak 2	162		7.977					9
97 2,4-Toluene diamine	121	8.038	8.038	0.0	92	107541	4.18	
99 1,2,3,4 -Tetrachlorobenzene	216		8.049					
98 1,1'-Biphenyl	154	8.054	8.054	0.0	96	561069	4.81	
100 2-Chloronaphthalene	162	8.081	8.081	0.0	98	501289	4.89	
102 2-Nitroaniline	65	8.156	8.156	0.0	76	183806	5.50	
103 1,4-Naphthoquinone	158		8.186					9
104 1,4-Dinitrobenzene	168		8.228					
106 1,3-Dinitrobenzene	168		8.287					
105 Dimethyl phthalate	163	8.289	8.295	-0.006	95	487697	5.29	
107 2,6-Dinitrotoluene	165	8.348	8.354	-0.006	78	128313	5.28	
108 1,2-Dinitrobenzene	168	8.402	8.402	0.0	85	73466	5.78	
109 Acenaphthylene	152	8.434	8.439	-0.005	86	744661	5.04	
110 3-Nitroaniline	138	8.498	8.503	-0.005	88	126837	5.74	
112 Acenaphthene	153	8.578	8.583	-0.005	95	469033	4.98	
111 2,4-Dinitrophenol	184	8.589	8.589	0.0	73	111796	8.87	
113 4-Nitrophenol	109	8.621	8.626	-0.005	89	70574	4.50	
115 Pentachlorobenzene	250		8.650					9
114 2,4-Dinitrotoluene	165	8.690	8.695	-0.005	76	179994	5.65	
116 Dibenzofuran	168	8.722	8.727	-0.005	83	637263	4.85	
117 1-Naphthylamine	143		8.747					9
119 2,3,4,6-Tetrachlorophenol	232		8.779					
118 2,3,5,6-Tetrachlorophenol	232	8.786	8.786	0.0	81	131608	5.46	
120 2-Naphthylamine	143		8.816					9
121 Diethyl phthalate	149	8.882	8.882	0.0	95	515072	5.22	
122 Thionazin	97		8.918					9
124 N-Nitro-o-toluidine	152		8.971					9
123 4-Chlorophenyl phenyl ether	204	9.000	9.000	0.0	92	331968	5.36	
127 Tributyl phosphate	99		9.008					9
125 4-Nitroaniline	138	9.016	9.016	0.0	62	130144	5.19	
126 Fluorene	166	9.016	9.016	0.0	78	505986	5.06	
128 4,6-Dinitro-2-methylphenol	198	9.037	9.037	0.0	78	85091	5.05	
130 Diphenylamine	169	9.096	9.056	0.040	91	412149	4.50	
131 N-Nitrosodiphenylamine	169	9.096	9.096	0.0	97	412149	5.15	
133 Azobenzene	77	9.133	9.133	0.0	95	764770	4.69	
132 1,2-Diphenylhydrazine	77	9.133	9.133	0.0	99	764770	4.69	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
134 Sulfotepp	202	9.203	9.169	0.034	74	69195	5.73	
176 Hexabromobenzene	232		9.208					
135 1,3,5-Trinitrobenzene	213		9.259					
228 Diallate Peak 1	86		9.292					9
137 Phenacetin	108		9.297					9
138 Phorate	121		9.302					9
230 Diallate Peak 2	86		9.372					9
139 4-Bromophenyl phenyl ether	248	9.417	9.417	0.0	64	170174	4.89	
140 Dimethoate	87		9.446					9
141 Hexachlorobenzene	284	9.481	9.481	0.0	86	178399	5.33	
142 Atrazine	200	9.523	9.529	-0.006	83	121636	5.53	
179 6-Methylchrysene	242		9.576					
129 4-Aminobiphenyl	169		9.596					9
145 Pentachloronitrobenzene	237		9.607					9
144 Pronamide	173		9.623					9
143 Pentachlorophenol	266	9.641	9.641	0.0	81	187683	9.17	
147 Dinoseb	211		9.735					
146 Disulfoton	88		9.740					9
148 Phenanthrene	178	9.833	9.833	0.0	93	740017	4.58	
149 Anthracene	178	9.876	9.876	0.0	87	781191	4.90	
150 DFTPP								
151 Carbazole	167	9.999	9.999	0.0	82	723603	4.94	
152 Methyl parathion	109		10.061					9
154 Di-n-butyl phthalate	149	10.255	10.255	0.0	100	896018	4.96	
155 Ethyl Parathion	97		10.381					
156 4-Nitroquinoline-1-oxide	190		10.435					
157 Methapyrilene	58		10.477					
158 Isodrin	66		10.670					
159 Fluoranthene	202	10.843	10.843	0.0	99	863846	4.85	
160 Benzidine	184	10.939	10.939	0.0	97	326340	4.64	
161 Pyrene	202	11.057	11.057	0.0	95	947136	5.02	
226 Aramite Peak 1	185		11.076					
166 4,4'-DDE	246		11.102					9
229 Aramite Peak 2	185		11.151					9
163 p-Dimethylamino azobenzene	225		11.257					9
164 Chlorobenzilate	139		11.290					
165 4,4'-DDD	235		11.437					9
167 Famphur	218		11.546					
169 3,3'-Dimethylbenzidine	212		11.605					
168 Butyl benzyl phthalate	149	11.650	11.650	0.0	93	368817	5.04	
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.775					9
186 Dibenz[a,j]acridine	279		11.804					
171 2-Acetylaminofluorene	181		11.888					9
172 3,3'-Dimethoxybenzidine	244	12.264	12.264	0.0	87	176489	4.71	
174 4,4'-Methylene bis(2-chloroanili	231	12.307	12.307	0.0	73	160639	5.05	
175 3,3'-Dichlorobenzidine	252	12.307	12.307	0.0	69	317880	5.38	
173 Bis(2-ethylhexyl) phthalate	149	12.323	12.323	0.0	94	537188	5.03	
177 Benzo[a]anthracene	228	12.360	12.360	0.0	86	857649	5.15	
178 Chrysene	228	12.408	12.408	0.0	92	788991	4.86	
180 Di-n-octyl phthalate	149	13.236	13.236	0.0	99	846742	4.81	
181 7,12-Dimethylbenz(a)anthracene	256		13.790					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252	13.877	13.877	0.0	83	729000	4.52	
183 Benzo[k]fluoranthene	252	13.915	13.920	-0.005	86	811398	4.95	
184 Benzo[a]pyrene	252	14.374	14.379	-0.005	73	692434	4.72	
185 3-Methylcholanthrene	268		14.831					
188 Indeno[1,2,3-cd]pyrene	276	16.132	16.137	-0.005	84	779985	4.80	
189 Dibenz(a,h)anthracene	278	16.158	16.164	-0.006	54	579722	4.61	
190 Benzo[g,h,i]perylene	276	16.586	16.591	-0.005	76	649088	4.87	
S 191 Methyl Phenols,Total	100				0		9.97	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 195 Hydroquinone TIC	110		0.000					
T 240 Trimethyl phosphate TIC	110		3.120					1
T 193 Hexamethylphosphoramide TIC	135		5.100					
T 194 Decane TIC	142		5.800					
T 234 2-Isopropylphenol TIC	121		7.019					
T 236 3-isopropylphenol TIC	121		7.173					
T 235 4-isopropylphenol TIC	121		7.173					
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		7.537					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 192 Octadecane (TIC)	254		9.600					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1
T 231 2,3,7,8-TCDD	322		12.400					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

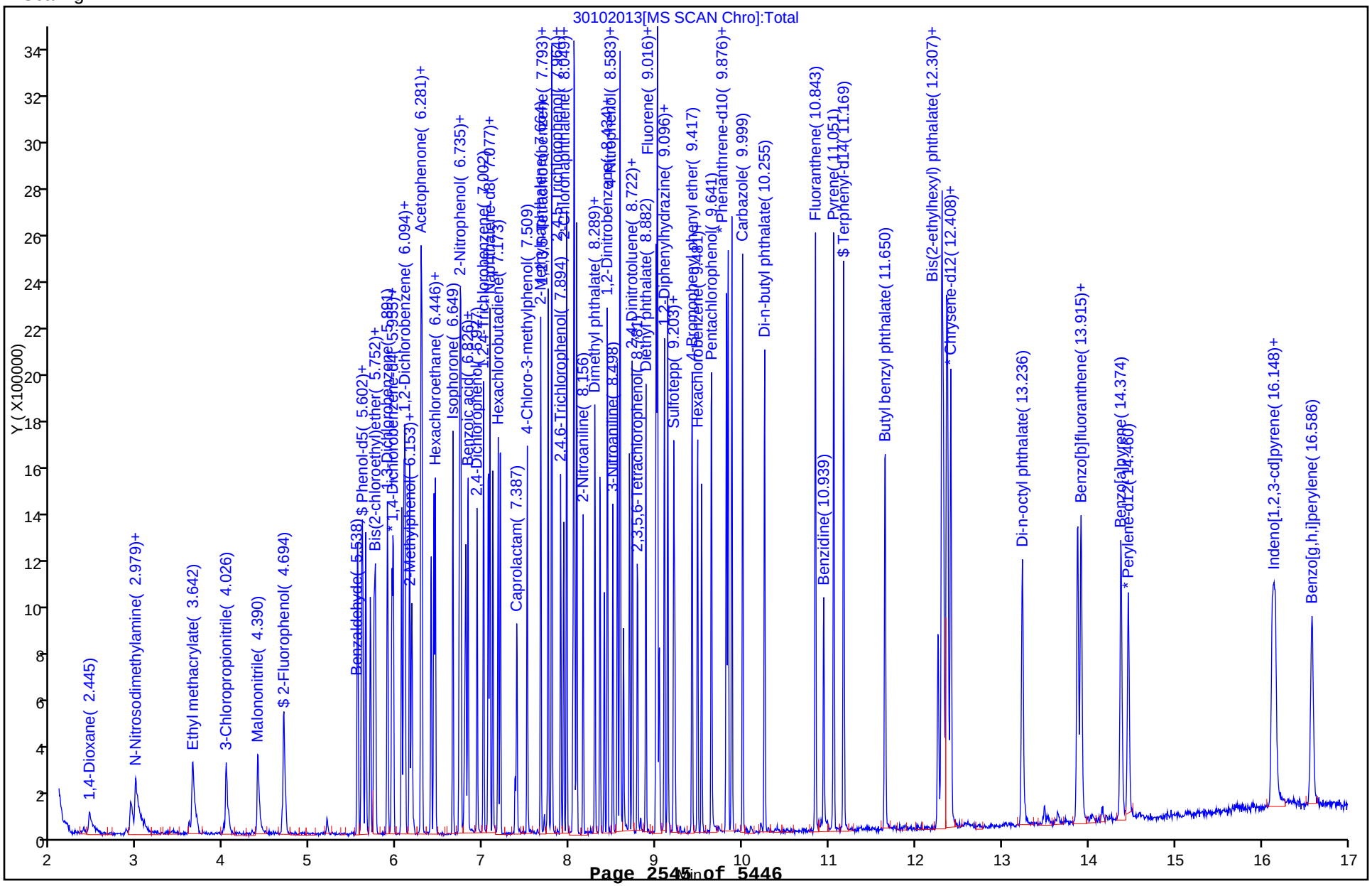
Report Date: 03-Jan-2013 10:34:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20130102-16332.b\30102013.D

Injection Date:	02-Jan-2013 13:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	70814	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO MS | Lab Sample ID: 240-18544-1 MS

Matrix: Solid | Lab File ID: 21223010.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:22

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.20(g) | Date Analyzed: 12/23/2012 14:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	536		7.5	3.7	3.7
208-96-8	Acenaphthylene	562		7.5	3.7	3.7
120-12-7	Anthracene	578		7.5	3.7	3.7
56-55-3	Benzo[a]anthracene	586		7.5	3.7	3.7
50-32-8	Benzo[a]pyrene	548		7.5	3.7	3.7
205-99-2	Benzo[b]fluoranthene	578		7.5	3.7	3.7
191-24-2	Benzo[g,h,i]perylene	624		7.5	3.7	3.7
65-85-0	Benzoic acid	451	J	740	370	370
207-08-9	Benzo[k]fluoranthene	580		7.5	3.7	3.7
100-51-6	Benzyl alcohol	557		370	30	23
111-91-1	Bis(2-chloroethoxy)methane	440		110	30	25
111-44-4	Bis(2-chloroethyl)ether	443		110	3.7	2.2
108-60-1	bis (2-chloroisopropyl) ether	428		110	30	11
117-81-7	Bis(2-ethylhexyl) phthalate	591		56	30	21
101-55-3	4-Bromophenyl phenyl ether	499		56	30	15
85-68-7	Butyl benzyl phthalate	621		56	30	11
86-74-8	Carbazole	571		56	30	30
106-47-8	4-Chloroaniline	435		170	30	19
59-50-7	4-Chloro-3-methylphenol	556		170	30	23
91-58-7	2-Chloronaphthalene	468		56	3.7	3.7
95-57-8	2-Chlorophenol	537		56	30	30
7005-72-3	4-Chlorophenyl phenyl ether	466		56	30	15
218-01-9	Chrysene	612		7.5	3.7	1.2
53-70-3	Dibenz(a,h)anthracene	629		7.5	3.7	3.7
132-64-9	Dibenzofuran	537		56	3.7	3.7
95-50-1	1,2-Dichlorobenzene	431		56	30	11
541-73-1	1,3-Dichlorobenzene	421		56	30	12
106-46-7	1,4-Dichlorobenzene	521		56	30	22
91-94-1	3,3'-Dichlorobenzidine	103	J	110	90	20
120-83-2	2,4-Dichlorophenol	543		170	30	22
84-66-2	Diethyl phthalate	571		56	30	18
105-67-9	2,4-Dimethylphenol	342		170	90	22
131-11-3	Dimethyl phthalate	574		56	30	19
84-74-2	Di-n-butyl phthalate	617		56	30	17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO MS | Lab Sample ID: 240-18544-1 MS

Matrix: Solid | Lab File ID: 21223010.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:22

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.20(g) | Date Analyzed: 12/23/2012 14:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	539		170	90	90
51-28-5	2,4-Dinitrophenol	553		370	90	90
121-14-2	2,4-Dinitrotoluene	494		220	30	30
606-20-2	2,6-Dinitrotoluene	514		220	30	23
117-84-0	Di-n-octyl phthalate	568		56	30	30
206-44-0	Fluoranthene	586		7.5	3.7	3.7
86-73-7	Fluorene	551		7.5	3.7	3.7
118-74-1	Hexachlorobenzene	462		7.5	3.7	2.3
87-68-3	Hexachlorobutadiene	443		56	30	30
77-47-4	Hexachlorocyclopentadiene	422		370	30	30
67-72-1	Hexachloroethane	446		56	30	10
193-39-5	Indeno[1,2,3-cd]pyrene	624		7.5	3.7	3.7
78-59-1	Isophorone	550		56	30	15
91-57-6	2-Methylnaphthalene	539		7.5	3.7	3.7
95-48-7	2-Methylphenol	512		220	90	90
15831-10-4	3 & 4 Methylphenol	1030		450	90	22
91-20-3	Naphthalene	529		7.5	3.7	3.7
88-74-4	2-Nitroaniline	578		220	30	10
99-09-2	3-Nitroaniline	529		220	90	18
100-01-6	4-Nitroaniline	552		220	30	29
98-95-3	Nitrobenzene	459		110	3.7	2.5
88-75-5	2-Nitrophenol	569		56	30	30
100-02-7	4-Nitrophenol	547		370	90	90
621-64-7	N-Nitrosodi-n-propylamine	544		56	30	30
86-30-6	N-Nitrosodiphenylamine	566		56	30	23
87-86-5	Pentachlorophenol	342		170	90	90
85-01-8	Phenanthrene	569		7.5	3.7	3.7
108-95-2	Phenol	551		56	30	30
129-00-0	Pyrene	585		7.5	3.7	3.7
120-82-1	1,2,4-Trichlorobenzene	440		56	30	30
95-95-4	2,4,5-Trichlorophenol	500		170	30	28
88-06-2	2,4,6-Trichlorophenol	449		170	90	90

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO MS | Lab Sample ID: 240-18544-1 MS

Matrix: Solid | Lab File ID: 21223010.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:22

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.20(g) | Date Analyzed: 12/23/2012 14:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	59		45-105
367-12-4	2-Fluorophenol (Surr)	75		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	59		35-100
4165-62-2	Phenol-d5 (Surr)	75		40-100
1718-51-0	Terphenyl-d14 (Surr)	67		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	58		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223010.D
Lims ID: 240-18544-U-1-E MS
Client ID: 072SB-0063-0002-SO
Inject. Date: 23-Dec-2012 14:23:30
Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0016131-010
Misc. Info.: 240-18544-U-1-E MS
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 10
Lims Batch ID: 69932
Lims Sample ID: 10
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj
Date: 24-Dec-2012 11:19:46

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.880	5.886	-0.006	97	240592	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	99	958399	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	92	570518	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	911088	4.00	
* 5 Chrysene-d12	240	12.272	12.272	0.0	92	949536	4.00	
* 6 Perylene-d12	264	14.320	14.320	0.0	96	758698	4.00	
$ 7 2-Fluorophenol	112	4.639	4.629	0.010	94	827352	11.2	
$ 8 Phenol-d5	99	5.527	5.522	0.005	90	1106698	11.3	
$ 9 Nitrobenzene-d5	82	6.367	6.367	0.0	94	622179	5.89	
$ 10 2-Fluorobiphenyl (Surr)	172	7.902	7.907	-0.005	99	1198419	5.86	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	93	165783	8.64	
$ 12 Terphenyl-d14	244	11.090	11.095	-0.005	98	1307461	6.73	
41 Phenol	94	5.543	5.538	0.005	98	759967	7.38	
44 Bis(2-chloroethyl)ether	93	5.634	5.634	0.0	92	592630	5.93	
46 2-Chlorophenol	128	5.693	5.688	0.005	92	585454	7.20	
47 1,3-Dichlorobenzene	146	5.832	5.832	0.0	95	594855	5.64	
48 1,4-Dichlorobenzene	146	5.896	5.896	0.0	90	612015	6.99	
49 Benzyl alcohol	108	5.998	5.993	0.005	89	378374	7.46	
50 1,2-Dichlorobenzene	146	6.035	6.035	0.0	94	583835	5.78	
51 2-Methylphenol	108	6.083	6.084	-0.001	97	506976	6.86	
52 2,2'-oxybis[1-chloropropane]	45	6.115	6.116	-0.001	91	816123	5.73	
191 3 & 4 Methylphenol	108	6.217	6.212	0.005	93	1093326	13.8	
56 N-Nitrosodi-n-propylamine	70	6.228	6.228	0.0	91	433021	7.29	
60 Hexachloroethane	117	6.335	6.335	0.0	90	248240	5.98	
61 Nitrobenzene	77	6.383	6.388	-0.005	87	671674	6.15	
63 Isophorone	82	6.586	6.592	-0.006	99	1171822	7.37	
65 2-Nitrophenol	139	6.661	6.661	0.0	95	299104	7.62	
64 2,4-Dimethylphenol	107	6.682	6.677	0.005	87	373625	4.58	
69 Benzoic acid	122	6.715	6.741	-0.026	86	247438	6.04	
68 Bis(2-chloroethoxy)methane	93	6.763	6.768	-0.005	96	703066	5.89	

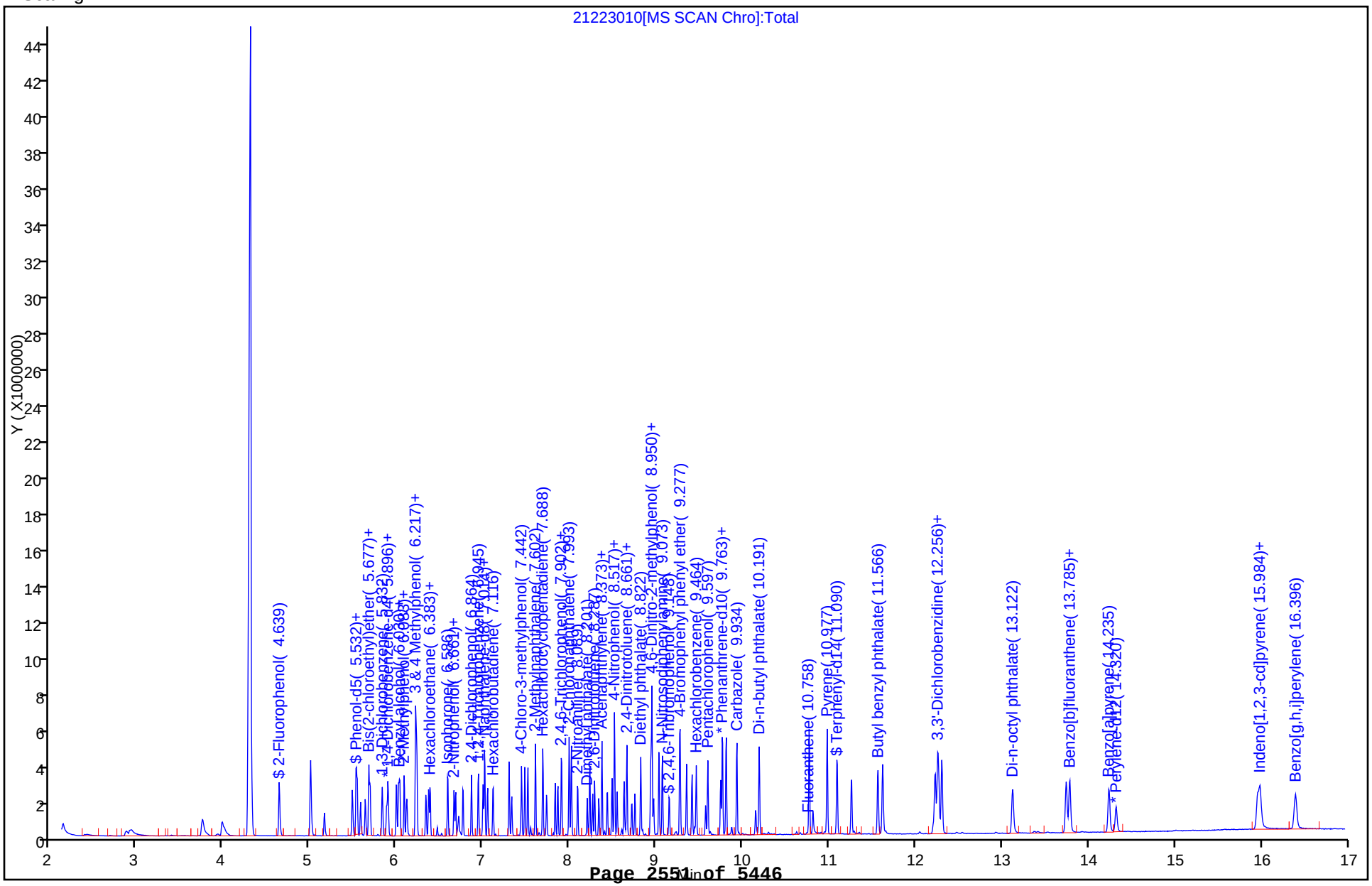
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.864	6.864	0.0	97	463439	7.28	
72 1,2,4-Trichlorobenzene	180	6.945	6.945	0.0	92	503289	5.90	
73 Naphthalene	128	7.014	7.020	-0.006	96	1662212	7.10	
74 4-Chloroaniline	127	7.052	7.052	0.0	85	575502	5.82	
77 Hexachlorobutadiene	225	7.116	7.116	0.0	93	274651	5.93	
84 4-Chloro-3-methylphenol	107	7.442	7.442	0.0	95	507161	7.45	
85 2-Methylnaphthalene	142	7.602	7.603	-0.001	90	1109625	7.22	
88 Hexachlorocyclopentadiene	237	7.731	7.736	-0.005	87	273072	5.66	
90 2,4,6-Trichlorophenol	196	7.832	7.833	-0.001	92	270392	6.02	
91 2,4,5-Trichlorophenol	196	7.865	7.865	-0.001	93	328498	6.70	
98 2-Chloronaphthalene	162	8.020	8.020	0.0	95	1119713	6.28	
100 2-Nitroaniline	65	8.089	8.095	-0.006	79	391107	7.75	
103 Dimethyl phthalate	163	8.234	8.234	0.0	98	1260421	7.69	
105 2,6-Dinitrotoluene	165	8.287	8.287	0.0	90	287595	6.89	
107 Acenaphthylene	152	8.373	8.373	0.0	91	1766307	7.54	
108 3-Nitroaniline	138	8.437	8.437	0.0	94	285900	7.08	
110 Acenaphthene	153	8.517	8.517	0.0	94	1049319	7.19	
109 2,4-Dinitrophenol	184	8.522	8.523	-0.001	69	135791	7.41	
111 4-Nitrophenol	109	8.549	8.549	0.0	94	179467	7.33	
112 2,4-Dinitrotoluene	165	8.629	8.630	-0.001	82	377851	6.63	
114 Dibenzofuran	168	8.661	8.662	-0.001	88	1549199	7.19	
119 Diethyl phthalate	149	8.822	8.822	0.0	97	1251884	7.65	
121 4-Chlorophenyl phenyl ether	204	8.940	8.940	0.0	95	597768	6.25	
124 Fluorene	166	8.950	8.950	0.0	91	1268697	7.39	
123 4-Nitroaniline	138	8.950	8.950	0.0	78	296004	7.40	
126 4,6-Dinitro-2-methylphenol	198	8.972	8.972	0.0	76	196749	7.23	
130 N-Nitrosodiphenylamine	169	9.031	9.031	-0.001	0	935670	7.58	
137 4-Bromophenyl phenyl ether	248	9.351	9.352	-0.001	67	353662	6.70	
139 Hexachlorobenzene	284	9.416	9.416	0.0	86	325300	6.19	
141 Pentachlorophenol	266	9.571	9.571	0.0	84	138064	4.59	
146 Phenanthrene	178	9.769	9.769	0.0	97	1865393	7.63	
147 Anthracene	178	9.811	9.812	-0.001	97	1891227	7.75	
149 Carbazole	167	9.934	9.935	-0.001	82	1788998	7.65	
151 Di-n-butyl phthalate	149	10.191	10.191	0.0	100	2185702	8.27	
157 Fluoranthene	202	10.769	10.769	0.0	98	2110063	7.86	
160 Pyrene	202	10.977	10.978	-0.001	96	2155271	7.84	
166 Butyl benzyl phthalate	149	11.566	11.566	0.0	97	928830	8.33	
173 3,3'-Dichlorobenzidine	252	12.202	12.208	-0.006	70	124311	1.38	
171 Bis(2-ethylhexyl) phthalate	149	12.229	12.229	0.0	96	1311671	7.93	
175 Benzo[a]anthracene	228	12.256	12.256	0.0	96	1927881	7.85	
176 Chrysene	228	12.304	12.304	0.0	95	1908085	8.21	
178 Di-n-octyl phthalate	149	13.122	13.128	-0.006	99	1994546	7.61	
180 Benzo[b]fluoranthene	252	13.743	13.743	0.0	94	1756264	7.75	
181 Benzo[k]fluoranthene	252	13.785	13.786	-0.001	95	1889884	7.78	
182 Benzo[a]pyrene	252	14.240	14.240	0.0	76	1563526	7.34	
186 Indeno[1,2,3-cd]pyrene	276	15.957	15.963	-0.005	94	1889553	8.36	
187 Dibenz(a,h)anthracene	278	15.984	15.989	-0.005	74	1621750	8.43	
188 Benzo[g,h,i]perylene	276	16.396	16.396	0.0	93	1655393	8.36	

Report Date: 24-Dec-2012 12:29:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223010.D		
Injection Date:	23-Dec-2012 14:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0063-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO MS | Lab Sample ID: 240-18544-7 MS

Matrix: Solid | Lab File ID: 21223013.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.20(g) | Date Analyzed: 12/23/2012 15:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	399		6.6	3.3	3.3
208-96-8	Acenaphthylene	423		6.6	3.3	3.3
120-12-7	Anthracene	421		6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	416		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	386		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	421		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	448		6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	399		6.6	3.3	3.3
100-51-6	Benzyl alcohol	399		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	338		99	27	22
111-44-4	Bis(2-chloroethyl)ether	307		99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	292		99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	435		50	27	19
101-55-3	4-Bromophenyl phenyl ether	351		50	27	13
85-68-7	Butyl benzyl phthalate	435		50	27	9.9
86-74-8	Carbazole	410		50	27	27
106-47-8	4-Chloroaniline	181		150	27	17
59-50-7	4-Chloro-3-methylphenol	427		150	27	21
91-58-7	2-Chloronaphthalene	349		50	3.3	3.3
95-57-8	2-Chlorophenol	392		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	341		50	27	13
218-01-9	Chrysene	436		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	436		6.6	3.3	3.3
132-64-9	Dibenzofuran	402		50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	301		50	27	9.6
541-73-1	1,3-Dichlorobenzene	298		50	27	11
106-46-7	1,4-Dichlorobenzene	361		50	27	20
91-94-1	3,3'-Dichlorobenzidine	95.0	J	99	79	18
120-83-2	2,4-Dichlorophenol	425		150	27	20
84-66-2	Diethyl phthalate	421		50	27	16
105-67-9	2,4-Dimethylphenol	343		150	79	20
131-11-3	Dimethyl phthalate	423		50	27	17
84-74-2	Di-n-butyl phthalate	439		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO MS | Lab Sample ID: 240-18544-7 MS

Matrix: Solid | Lab File ID: 21223013.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.20(g) | Date Analyzed: 12/23/2012 15:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	320		150	79	79
51-28-5	2,4-Dinitrophenol	200	J	330	79	79
121-14-2	2,4-Dinitrotoluene	370		200	27	27
606-20-2	2,6-Dinitrotoluene	391		200	27	21
117-84-0	Di-n-octyl phthalate	410		50	27	27
206-44-0	Fluoranthene	415		6.6	3.3	3.3
86-73-7	Fluorene	419		6.6	3.3	3.3
118-74-1	Hexachlorobenzene	362		6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	314		50	27	27
77-47-4	Hexachlorocyclopentadiene	269	J	330	27	27
67-72-1	Hexachloroethane	312		50	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	453		6.6	3.3	3.3
78-59-1	Isophorone	425		50	27	13
91-57-6	2-Methylnaphthalene	406		6.6	3.3	3.3
95-48-7	2-Methylphenol	385		200	79	79
15831-10-4	3 & 4 Methylphenol	780		400	79	20
91-20-3	Naphthalene	399		6.6	3.3	3.3
88-74-4	2-Nitroaniline	426		200	27	9.0
99-09-2	3-Nitroaniline	356		200	79	16
100-01-6	4-Nitroaniline	392		200	27	26
98-95-3	Nitrobenzene	340		99	3.3	2.2
88-75-5	2-Nitrophenol	433		50	27	27
100-02-7	4-Nitrophenol	412		330	79	79
621-64-7	N-Nitrosodi-n-propylamine	382		50	27	27
86-30-6	N-Nitrosodiphenylamine	409		50	27	21
87-86-5	Pentachlorophenol	287		150	79	79
85-01-8	Phenanthrene	418		6.6	3.3	3.3
108-95-2	Phenol	407		50	27	27
129-00-0	Pyrene	415		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	322		50	27	27
95-95-4	2,4,5-Trichlorophenol	389		150	27	25
88-06-2	2,4,6-Trichlorophenol	385		150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO MS | Lab Sample ID: 240-18544-7 MS

Matrix: Solid | Lab File ID: 21223013.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.20(g) | Date Analyzed: 12/23/2012 15:33

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	49		45-105
367-12-4	2-Fluorophenol (Surr)	61		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	49		35-100
4165-62-2	Phenol-d5 (Surr)	60		40-100
1718-51-0	Terphenyl-d14 (Surr)	55		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	52		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223013.D
Lims ID: 240-18544-L-7-L MS
Client ID: 076SB-0090M-0002-SO
Inject. Date: 23-Dec-2012 15:33:30
Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0016131-013
Misc. Info.: 240-18544-L-7-L MS
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 13
Lims Batch ID: 69932
Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj
Date: 24-Dec-2012 11:21:23

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.891	5.886	0.005	95	250032	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	99	943024	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	93	565907	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	918411	4.00	
* 5 Chrysene-d12	240	12.272	12.272	0.0	93	950589	4.00	
* 6 Perylene-d12	264	14.320	14.320	0.0	92	760241	4.00	
$ 7 2-Fluorophenol	112	4.703	4.629	0.074	93	704798	9.19	
$ 8 Phenol-d5	99	5.538	5.522	0.016	90	923759	9.05	
$ 9 Nitrobenzene-d5	82	6.372	6.367	0.005	92	508756	4.90	
$ 10 2-Fluorobiphenyl (Surr)	172	7.907	7.907	0.0	99	999917	4.93	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	91	148473	7.80	
$ 12 Terphenyl-d14	244	11.095	11.095	0.0	99	1075570	5.53	
41 Phenol	94	5.549	5.538	0.011	99	657356	6.14	
44 Bis(2-chloroethyl)ether	93	5.645	5.634	0.011	94	481608	4.64	
46 2-Chlorophenol	128	5.704	5.688	0.016	92	499770	5.91	
47 1,3-Dichlorobenzene	146	5.837	5.832	0.005	95	494217	4.51	
48 1,4-Dichlorobenzene	146	5.907	5.896	0.011	93	496186	5.45	
49 Benzyl alcohol	108	6.003	5.993	0.010	87	317396	6.02	
50 1,2-Dichlorobenzene	146	6.041	6.035	0.006	93	477853	4.55	
51 2-Methylphenol	108	6.089	6.084	0.005	97	446005	5.81	
52 2,2'-oxybis[1-chloropropane]	45	6.121	6.116	0.005	91	653530	4.42	
191 3 & 4 Methylphenol	108	6.222	6.212	0.010	92	972049	11.8	
56 N-Nitrosodi-n-propylamine	70	6.233	6.228	0.005	91	355658	5.77	
60 Hexachloroethane	117	6.340	6.335	0.005	92	203316	4.72	
61 Nitrobenzene	77	6.388	6.388	0.0	88	552314	5.14	
63 Isophorone	82	6.592	6.592	0.0	97	1004814	6.42	
65 2-Nitrophenol	139	6.666	6.661	0.005	94	252235	6.53	
64 2,4-Dimethylphenol	107	6.682	6.677	0.005	92	415497	5.18	
69 Benzoic acid	122		6.741					
68 Bis(2-chloroethoxy)methane	93	6.768	6.768	0.0	95	598448	5.10	

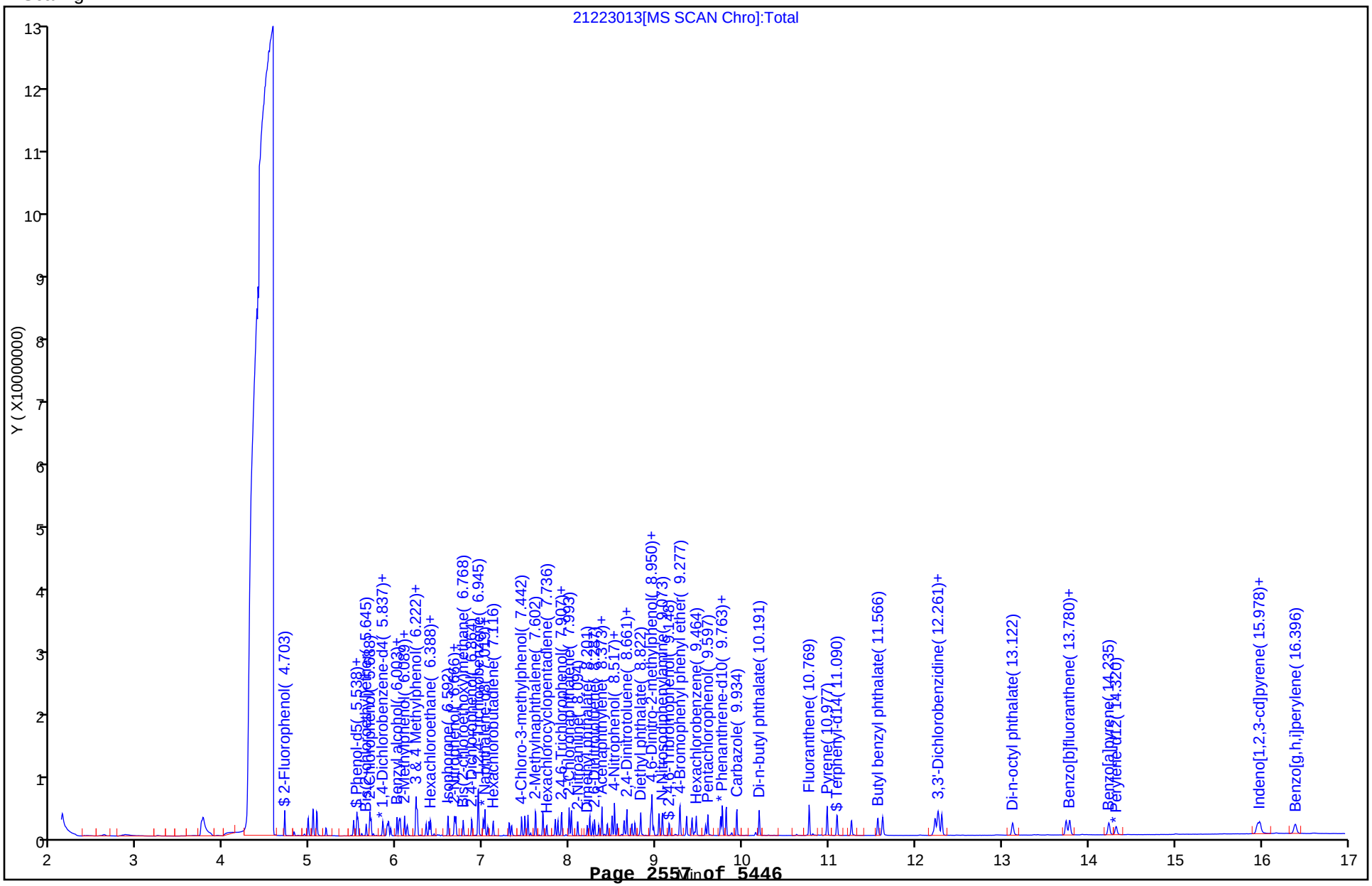
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.870	6.864	0.006	95	401616	6.42	
72 1,2,4-Trichlorobenzene	180	6.945	6.945	0.0	86	407619	4.86	
73 Naphthalene	128	7.019	7.020	-0.001	96	1388092	6.02	
74 4-Chloroaniline	127	7.051	7.052	-0.001	93	265162	2.73	
77 Hexachlorobutadiene	225	7.116	7.116	0.0	94	215884	4.74	
84 4-Chloro-3-methylphenol	107	7.442	7.442	0.0	93	431472	6.44	
85 2-Methylnaphthalene	142	7.602	7.603	-0.001	89	927913	6.14	
88 Hexachlorocyclopentadiene	237	7.736	7.736	0.0	93	194010	4.06	
90 2,4,6-Trichlorophenol	196	7.832	7.833	-0.001	91	258967	5.82	
91 2,4,5-Trichlorophenol	196	7.864	7.865	-0.001	93	285642	5.87	
98 2-Chloronaphthalene	162	8.020	8.020	0.0	96	931053	5.26	
100 2-Nitroaniline	65	8.089	8.095	-0.006	78	321780	6.43	
103 Dimethyl phthalate	163	8.234	8.234	0.0	97	1038494	6.39	
105 2,6-Dinitrotoluene	165	8.287	8.287	0.0	87	241491	5.90	
107 Acenaphthylene	152	8.373	8.373	0.0	92	1484836	6.39	
108 3-Nitroaniline	138	8.437	8.437	0.0	90	214943	5.37	
110 Acenaphthene	153	8.517	8.517	0.0	95	872598	6.02	
109 2,4-Dinitrophenol	184	8.522	8.523	-0.001	52	38957	3.02	
111 4-Nitrophenol	109	8.549	8.549	0.0	94	149104	6.22	
112 2,4-Dinitrotoluene	165	8.629	8.630	-0.001	90	312070	5.59	
114 Dibenzofuran	168	8.661	8.662	-0.001	89	1296937	6.07	
119 Diethyl phthalate	149	8.822	8.822	0.0	97	1031213	6.35	
121 4-Chlorophenyl phenyl ether	204	8.940	8.940	0.0	96	488445	5.15	
124 Fluorene	166	8.950	8.950	0.0	78	1078328	6.33	
123 4-Nitroaniline	138	8.950	8.950	0.0	79	234746	5.92	
126 4,6-Dinitro-2-methylphenol	198	8.972	8.972	0.0	76	124600	4.83	
130 N-Nitrosodiphenylamine	169	9.030	9.031	-0.001	0	768871	6.18	
137 4-Bromophenyl phenyl ether	248	9.351	9.352	-0.001	68	282022	5.30	
139 Hexachlorobenzene	284	9.416	9.416	0.0	87	289360	5.46	
141 Pentachlorophenol	266	9.571	9.571	0.0	85	131615	4.34	
146 Phenanthrene	178	9.763	9.769	-0.006	97	1556154	6.31	
147 Anthracene	178	9.811	9.812	-0.001	97	1565546	6.36	
149 Carbazole	167	9.934	9.935	-0.001	82	1460903	6.20	
151 Di-n-butyl phthalate	149	10.191	10.191	0.0	100	1765890	6.63	
157 Fluoranthene	202	10.769	10.769	0.0	98	1694087	6.26	
160 Pyrene	202	10.977	10.978	-0.001	97	1722160	6.26	
166 Butyl benzyl phthalate	149	11.566	11.566	0.0	96	732787	6.57	
173 3,3'-Dichlorobenzidine	252	12.208	12.208	0.0	69	129583	1.43	
171 Bis(2-ethylhexyl) phthalate	149	12.229	12.229	0.0	96	1075178	6.57	
175 Benzo[a]anthracene	228	12.256	12.256	0.0	97	1543920	6.28	
176 Chrysene	228	12.304	12.304	0.0	94	1532992	6.59	
178 Di-n-octyl phthalate	149	13.122	13.128	-0.006	99	1595093	6.19	
180 Benzo[b]fluoranthene	252	13.743	13.743	0.0	94	1444685	6.36	
181 Benzo[k]fluoranthene	252	13.785	13.786	-0.001	99	1465826	6.02	
182 Benzo[a]pyrene	252	14.235	14.240	-0.005	78	1245328	5.84	
186 Indeno[1,2,3-cd]pyrene	276	15.957	15.963	-0.005	97	1547313	6.83	
187 Dibenz(a,h)anthracene	278	15.984	15.989	-0.005	76	1269955	6.59	
188 Benzo[g,h,i]perylene	276	16.390	16.396	-0.006	96	1341226	6.76	

Report Date: 24-Dec-2012 12:29:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223013.D		
Injection Date:	23-Dec-2012 15:33:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0090M-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO MS | Lab Sample ID: 240-18544-8 MS

Matrix: Solid | Lab File ID: 21223007.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.03(g) | Date Analyzed: 12/23/2012 13:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	413		6.7	3.3	3.3
208-96-8	Acenaphthylene	430		6.7	3.3	3.3
120-12-7	Anthracene	453		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	448		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	446		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	471		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	494		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	480		6.7	3.3	3.3
100-51-6	Benzyl alcohol	435		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	343		100	27	22
111-44-4	Bis(2-chloroethyl)ether	337		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	332		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	459		50	27	19
101-55-3	4-Bromophenyl phenyl ether	388		50	27	13
85-68-7	Butyl benzyl phthalate	477		50	27	10
86-74-8	Carbazole	442		50	27	27
106-47-8	4-Chloroaniline	286		150	27	17
59-50-7	4-Chloro-3-methylphenol	459		150	27	21
91-58-7	2-Chloronaphthalene	346		50	3.3	3.3
95-57-8	2-Chlorophenol	416		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	366		50	27	13
218-01-9	Chrysene	467		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	490		6.7	3.3	3.3
132-64-9	Dibenzofuran	409		50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	335		50	27	9.7
541-73-1	1,3-Dichlorobenzene	339		50	27	11
106-46-7	1,4-Dichlorobenzene	419		50	27	20
91-94-1	3,3'-Dichlorobenzidine	184		100	80	18
120-83-2	2,4-Dichlorophenol	439		150	27	20
84-66-2	Diethyl phthalate	456		50	27	16
105-67-9	2,4-Dimethylphenol	304		150	80	20
131-11-3	Dimethyl phthalate	441		50	27	17
84-74-2	Di-n-butyl phthalate	484		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO MS | Lab Sample ID: 240-18544-8 MS

Matrix: Solid | Lab File ID: 21223007.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.03(g) | Date Analyzed: 12/23/2012 13:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	430		150	80	80
51-28-5	2,4-Dinitrophenol	318	J	330	80	80
121-14-2	2,4-Dinitrotoluene	379		200	27	27
606-20-2	2,6-Dinitrotoluene	397		200	27	21
117-84-0	Di-n-octyl phthalate	459		50	27	27
206-44-0	Fluoranthene	474		6.7	3.3	3.3
86-73-7	Fluorene	439		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	371		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	335		50	27	27
77-47-4	Hexachlorocyclopentadiene	313	J	330	27	27
67-72-1	Hexachloroethane	339		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	490		6.7	3.3	3.3
78-59-1	Isophorone	431		50	27	13
91-57-6	2-Methylnaphthalene	412		6.7	3.3	3.3
95-48-7	2-Methylphenol	416		200	80	80
15831-10-4	3 & 4 Methylphenol	834		400	80	20
91-20-3	Naphthalene	417		6.7	3.3	3.3
88-74-4	2-Nitroaniline	443		200	27	9.1
99-09-2	3-Nitroaniline	391		200	80	16
100-01-6	4-Nitroaniline	420		200	27	26
98-95-3	Nitrobenzene	339		100	3.3	2.2
88-75-5	2-Nitrophenol	442		50	27	27
100-02-7	4-Nitrophenol	476		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	424		50	27	27
86-30-6	N-Nitrosodiphenylamine	456		50	27	21
87-86-5	Pentachlorophenol	438		150	80	80
85-01-8	Phenanthrene	459		6.7	3.3	3.3
108-95-2	Phenol	429		50	27	27
129-00-0	Pyrene	468		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	337		50	27	27
95-95-4	2,4,5-Trichlorophenol	449		150	27	25
88-06-2	2,4,6-Trichlorophenol	459		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO MS | Lab Sample ID: 240-18544-8 MS

Matrix: Solid | Lab File ID: 21223007.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.03(g) | Date Analyzed: 12/23/2012 13:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	50		45-105
367-12-4	2-Fluorophenol (Surr)	67		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	50		35-100
4165-62-2	Phenol-d5 (Surr)	66		40-100
1718-51-0	Terphenyl-d14 (Surr)	60		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	70		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223007.D
Lims ID: 240-18544-M-8-L MS
Client ID: 076SB-0091M-0002-SO
Inject. Date: 23-Dec-2012 13:13:30
Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0016131-007
Misc. Info.: 240-18544-M-8-L MS
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 7
Lims Batch ID: 69932
Lims Sample ID: 7
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj
Date: 23-Dec-2012 14:15:13

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.886	5.886	0.0	97	242013	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	100	976026	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	92	592660	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	97	930153	4.00	
* 5 Chrysene-d12	240	12.272	12.272	0.0	92	967074	4.00	
* 6 Perylene-d12	264	14.320	14.320	0.0	92	755858	4.00	
$ 7 2-Fluorophenol	112	4.672	4.629	0.043	93	745825	10.0	
$ 8 Phenol-d5	99	5.533	5.522	0.011	90	982655	9.94	
$ 9 Nitrobenzene-d5	82	6.372	6.367	0.005	91	539553	5.02	
$ 10 2-Fluorobiphenyl (Surr)	172	7.907	7.907	0.0	99	1066835	5.02	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	93	208479	10.5	
$ 12 Terphenyl-d14	244	11.090	11.095	-0.005	99	1192471	6.03	
41 Phenol	94	5.543	5.538	0.005	97	666799	6.44	
44 Bis(2-chloroethyl)ether	93	5.640	5.634	0.006	93	507929	5.06	
46 2-Chlorophenol	128	5.698	5.688	0.010	92	511107	6.25	
47 1,3-Dichlorobenzene	146	5.838	5.832	0.006	95	540010	5.09	
48 1,4-Dichlorobenzene	146	5.902	5.896	0.006	92	554736	6.30	
49 Benzyl alcohol	108	5.998	5.993	0.005	88	332932	6.53	
50 1,2-Dichlorobenzene	146	6.035	6.035	0.0	91	511108	5.03	
51 2-Methylphenol	108	6.089	6.084	0.005	96	463816	6.24	
52 2,2'-oxybis[1-chloropropane]	45	6.116	6.116	0.0	91	714537	4.99	
191 3 & 4 Methylphenol	108	6.217	6.212	0.005	93	999559	12.5	
56 N-Nitrosodi-n-propylamine	70	6.228	6.228	0.0	90	379750	6.36	
60 Hexachloroethane	117	6.340	6.335	0.005	91	212692	5.10	
61 Nitrobenzene	77	6.388	6.388	0.0	85	565984	5.09	
63 Isophorone	82	6.592	6.592	0.0	96	1046527	6.46	
65 2-Nitrophenol	139	6.661	6.661	0.0	94	265257	6.64	
64 2,4-Dimethylphenol	107	6.683	6.677	0.006	85	379372	4.57	
69 Benzoic acid	122	6.699	6.741	-0.042	53	11163	1.33	
68 Bis(2-chloroethoxy)methane	93	6.768	6.768	0.0	97	624638	5.14	

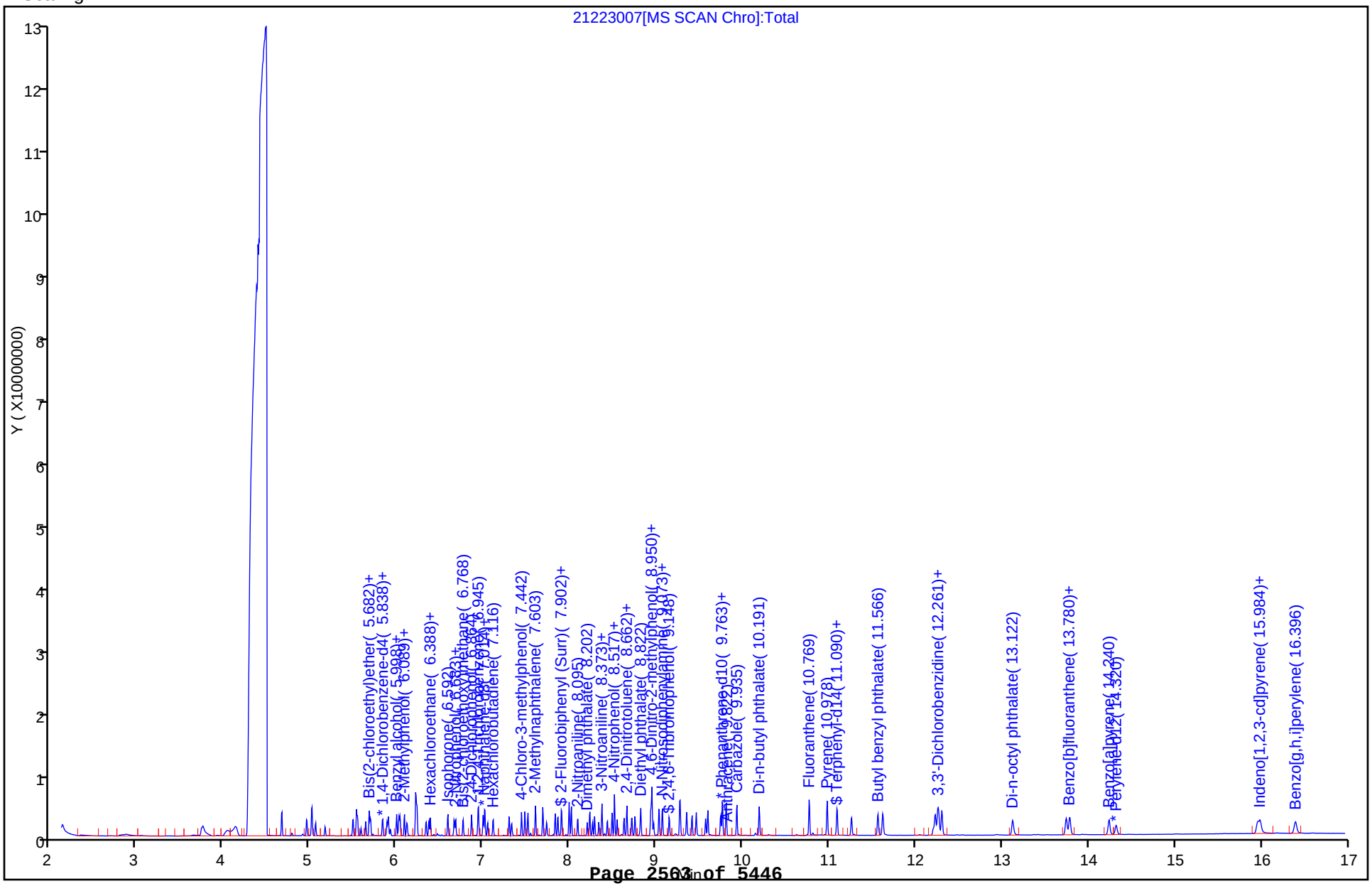
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.864	6.864	0.0	96	426693	6.59	
72 1,2,4-Trichlorobenzene	180	6.945	6.945	0.0	93	439052	5.05	
73 Naphthalene	128	7.020	7.020	0.0	95	1494361	6.26	
74 4-Chloroaniline	127	7.052	7.052	0.0	83	432587	4.30	
77 Hexachlorobutadiene	225	7.116	7.116	0.0	92	236844	5.02	
84 4-Chloro-3-methylphenol	107	7.442	7.442	0.0	96	477357	6.89	
85 2-Methylnaphthalene	142	7.603	7.603	0.0	83	967956	6.19	
88 Hexachlorocyclopentadiene	237	7.736	7.736	0.0	94	235488	4.70	
90 2,4,6-Trichlorophenol	196	7.833	7.833	0.0	91	321274	6.89	
91 2,4,5-Trichlorophenol	196	7.865	7.865	0.0	94	343264	6.74	
98 2-Chloronaphthalene	162	8.020	8.020	0.0	97	961480	5.19	
100 2-Nitroaniline	65	8.089	8.095	-0.006	77	348810	6.65	
103 Dimethyl phthalate	163	8.234	8.234	0.0	98	1126446	6.62	
105 2,6-Dinitrotoluene	165	8.287	8.287	0.0	89	255371	5.96	
107 Acenaphthylene	152	8.373	8.373	0.0	97	1572771	6.46	
108 3-Nitroaniline	138	8.437	8.437	0.0	93	246396	5.88	
110 Acenaphthene	153	8.517	8.517	0.0	94	941522	6.21	
109 2,4-Dinitrophenol	184	8.523	8.523	0.0	55	80728	4.78	
111 4-Nitrophenol	109	8.549	8.549	0.0	94	181311	7.14	
112 2,4-Dinitrotoluene	165	8.630	8.630	0.0	86	333268	5.69	
114 Dibenzofuran	168	8.662	8.662	0.0	87	1374746	6.14	
119 Diethyl phthalate	149	8.822	8.822	0.0	97	1162976	6.84	
121 4-Chlorophenyl phenyl ether	204	8.940	8.940	0.0	95	545835	5.49	
124 Fluorene	166	8.950	8.950	0.0	92	1176467	6.59	
123 4-Nitroaniline	138	8.950	8.950	0.0	78	262073	6.31	
126 4,6-Dinitro-2-methylphenol	198	8.972	8.972	0.0	79	176550	6.45	
130 N-Nitrosodiphenylamine	169	9.031	9.031	0.0	0	862241	6.84	
137 4-Bromophenyl phenyl ether	248	9.352	9.352	0.0	68	313890	5.82	
139 Hexachlorobenzene	284	9.416	9.416	0.0	89	299011	5.57	
141 Pentachlorophenol	266	9.571	9.571	0.0	83	201983	6.57	
146 Phenanthrene	178	9.769	9.769	0.0	97	1720286	6.89	
147 Anthracene	178	9.812	9.812	0.0	97	1696504	6.81	
149 Carbazole	167	9.935	9.935	0.0	82	1583411	6.63	
151 Di-n-butyl phthalate	149	10.191	10.191	0.0	100	1960207	7.26	
157 Fluoranthene	202	10.769	10.769	0.0	97	1949041	7.11	
160 Pyrene	202	10.978	10.978	0.0	96	1965615	7.02	
166 Butyl benzyl phthalate	149	11.566	11.566	0.0	96	813523	7.16	
173 3,3'-Dichlorobenzidine	252	12.208	12.208	0.0	72	254523	2.77	
171 Bis(2-ethylhexyl) phthalate	149	12.229	12.229	0.0	97	1152126	6.90	
175 Benzo[a]anthracene	228	12.256	12.256	0.0	95	1680397	6.72	
176 Chrysene	228	12.304	12.304	0.0	96	1659766	7.01	
178 Di-n-octyl phthalate	149	13.122	13.128	-0.006	99	1784382	6.89	
180 Benzo[b]fluoranthene	252	13.743	13.743	0.0	93	1595775	7.07	
181 Benzo[k]fluoranthene	252	13.786	13.786	0.0	99	1745348	7.21	
182 Benzo[a]pyrene	252	14.240	14.240	0.0	74	1421844	6.70	
186 Indeno[1,2,3-cd]pyrene	276	15.957	15.963	-0.005	93	1656931	7.36	
187 Dibenz(a,h)anthracene	278	15.984	15.989	-0.005	76	1409301	7.35	
188 Benzo[g,h,i]perylene	276	16.396	16.396	0.0	92	1462393	7.42	

Report Date: 24-Dec-2012 12:29:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223007.D		
Injection Date:	23-Dec-2012 13:13:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0091M-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MS | Lab Sample ID: 240-18544-19 MS

Matrix: Solid | Lab File ID: 21224007.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:27

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.32(g) | Date Analyzed: 12/24/2012 11:11

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	362		6.6	3.3	3.3
208-96-8	Acenaphthylene	377		6.6	3.3	3.3
120-12-7	Anthracene	375		6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	361		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	339		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	353		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	391		6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	366		6.6	3.3	3.3
100-51-6	Benzyl alcohol	377		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	298		99	27	22
111-44-4	Bis(2-chloroethyl)ether	284		99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	279		99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	380		49	27	19
101-55-3	4-Bromophenyl phenyl ether	319		49	27	13
85-68-7	Butyl benzyl phthalate	392		49	27	9.9
86-74-8	Carbazole	377		49	27	27
106-47-8	4-Chloroaniline	130	J	150	27	17
59-50-7	4-Chloro-3-methylphenol	371		150	27	21
91-58-7	2-Chloronaphthalene	316		49	3.3	3.3
95-57-8	2-Chlorophenol	355		49	27	27
7005-72-3	4-Chlorophenyl phenyl ether	317		49	27	13
218-01-9	Chrysene	389		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	388		6.6	3.3	3.3
132-64-9	Dibenzofuran	362		49	3.3	3.3
95-50-1	1,2-Dichlorobenzene	284	J	49	27	9.6
541-73-1	1,3-Dichlorobenzene	274		49	27	11
106-46-7	1,4-Dichlorobenzene	345		49	27	20
91-94-1	3,3'-Dichlorobenzidine	31.2	J	99	79	18
120-83-2	2,4-Dichlorophenol	383		150	27	20
84-66-2	Diethyl phthalate	384		49	27	16
105-67-9	2,4-Dimethylphenol	273		150	79	20
131-11-3	Dimethyl phthalate	382		49	27	17
84-74-2	Di-n-butyl phthalate	403		49	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MS | Lab Sample ID: 240-18544-19 MS

Matrix: Solid | Lab File ID: 21224007.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:27

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.32(g) | Date Analyzed: 12/24/2012 11:11

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	344		150	79	79
51-28-5	2,4-Dinitrophenol	236	J	330	79	79
121-14-2	2,4-Dinitrotoluene	326	J	200	27	27
606-20-2	2,6-Dinitrotoluene	351		200	27	21
117-84-0	Di-n-octyl phthalate	369		49	27	27
206-44-0	Fluoranthene	383		6.6	3.3	3.3
86-73-7	Fluorene	373		6.6	3.3	3.3
118-74-1	Hexachlorobenzene	315		6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	280		49	27	27
77-47-4	Hexachlorocyclopentadiene	255	J	330	27	27
67-72-1	Hexachloroethane	302		49	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	394		6.6	3.3	3.3
78-59-1	Isophorone	376		49	27	13
91-57-6	2-Methylnaphthalene	369		6.6	3.3	3.3
95-48-7	2-Methylphenol	362		200	79	79
15831-10-4	3 & 4 Methylphenol	711		400	79	20
91-20-3	Naphthalene	359		6.6	3.3	3.3
88-74-4	2-Nitroaniline	382		200	27	9.0
99-09-2	3-Nitroaniline	298		200	79	16
100-01-6	4-Nitroaniline	345		200	27	26
98-95-3	Nitrobenzene	301		99	3.3	2.2
88-75-5	2-Nitrophenol	398		49	27	27
100-02-7	4-Nitrophenol	407		330	79	79
621-64-7	N-Nitrosodi-n-propylamine	358		49	27	27
86-30-6	N-Nitrosodiphenylamine	373		49	27	21
87-86-5	Pentachlorophenol	334		150	79	79
85-01-8	Phenanthrene	384		6.6	3.3	3.3
108-95-2	Phenol	387		49	27	27
129-00-0	Pyrene	364		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	296		49	27	27
95-95-4	2,4,5-Trichlorophenol	393		150	27	25
88-06-2	2,4,6-Trichlorophenol	392		150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MS | Lab Sample ID: 240-18544-19 MS

Matrix: Solid | Lab File ID: 21224007.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:27

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.32(g) | Date Analyzed: 12/24/2012 11:11

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	46		45-105
367-12-4	2-Fluorophenol (Surr)	59		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	44		35-100
4165-62-2	Phenol-d5 (Surr)	58		40-100
1718-51-0	Terphenyl-d14 (Surr)	48		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	58		35-125

Report Date: 26-Dec-2012 13:04:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224007.D
Lims ID: 240-18544-V-19-E MS Client ID: 076SB-0100M-0002-SO
Inject. Date: 24-Dec-2012 11:11:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0016144-007
Misc. Info.: 240-18544-V-19-E MS
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 69977 Lims Sample ID: 7
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10 Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj Date: 24-Dec-2012 12:30:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.878	5.873	0.005	97	232916	4.00	
* 2 Naphthalene-d8	136	6.991	6.991	0.0	99	922210	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	94	542404	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	871781	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	88	934569	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	92	770075	4.00	
$ 7 2-Fluorophenol	112	4.664	4.616	0.048	94	627710	8.78	
$ 8 Phenol-d5	99	5.525	5.515	0.010	91	821317	8.63	
$ 9 Nitrobenzene-d5	82	6.360	6.360	0.0	92	449488	4.42	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	888478	4.57	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	87	159829	8.76	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	98	918616	4.80	
41 Phenol	94	5.536	5.531	0.005	97	585119	5.87	
44 Bis(2-chloroethyl)ether	93	5.632	5.627	0.005	93	416984	4.31	
46 2-Chlorophenol	128	5.686	5.681	0.006	90	424014	5.39	
47 1,3-Dichlorobenzene	146	5.825	5.825	0.0	94	423954	4.15	
48 1,4-Dichlorobenzene	146	5.895	5.889	0.006	83	443820	5.23	
49 Benzyl alcohol	108	5.991	5.985	0.006	88	280349	5.71	
50 1,2-Dichlorobenzene	146	6.028	6.028	0.0	92	421441	4.31	
51 2-Methylphenol	108	6.082	6.076	0.006	96	392720	5.49	
52 2,2'-oxybis[1-chloropropane]	45	6.108	6.108	0.0	91	583015	4.23	
191 3 & 4 Methylphenol	108	6.210	6.205	0.005	93	828528	10.8	
56 N-Nitrosodi-n-propylamine	70	6.221	6.221	0.0	92	311497	5.42	
60 Hexachloroethane	117	6.328	6.328	0.0	90	183952	4.58	
61 Nitrobenzene	77	6.381	6.376	0.005	88	479243	4.56	
63 Isophorone	82	6.585	6.579	0.005	97	871153	5.70	
65 2-Nitrophenol	139	6.654	6.654	0.0	95	227585	6.03	
64 2,4-Dimethylphenol	107	6.670	6.670	0.0	91	324822	4.14	
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	96	518113	4.51	

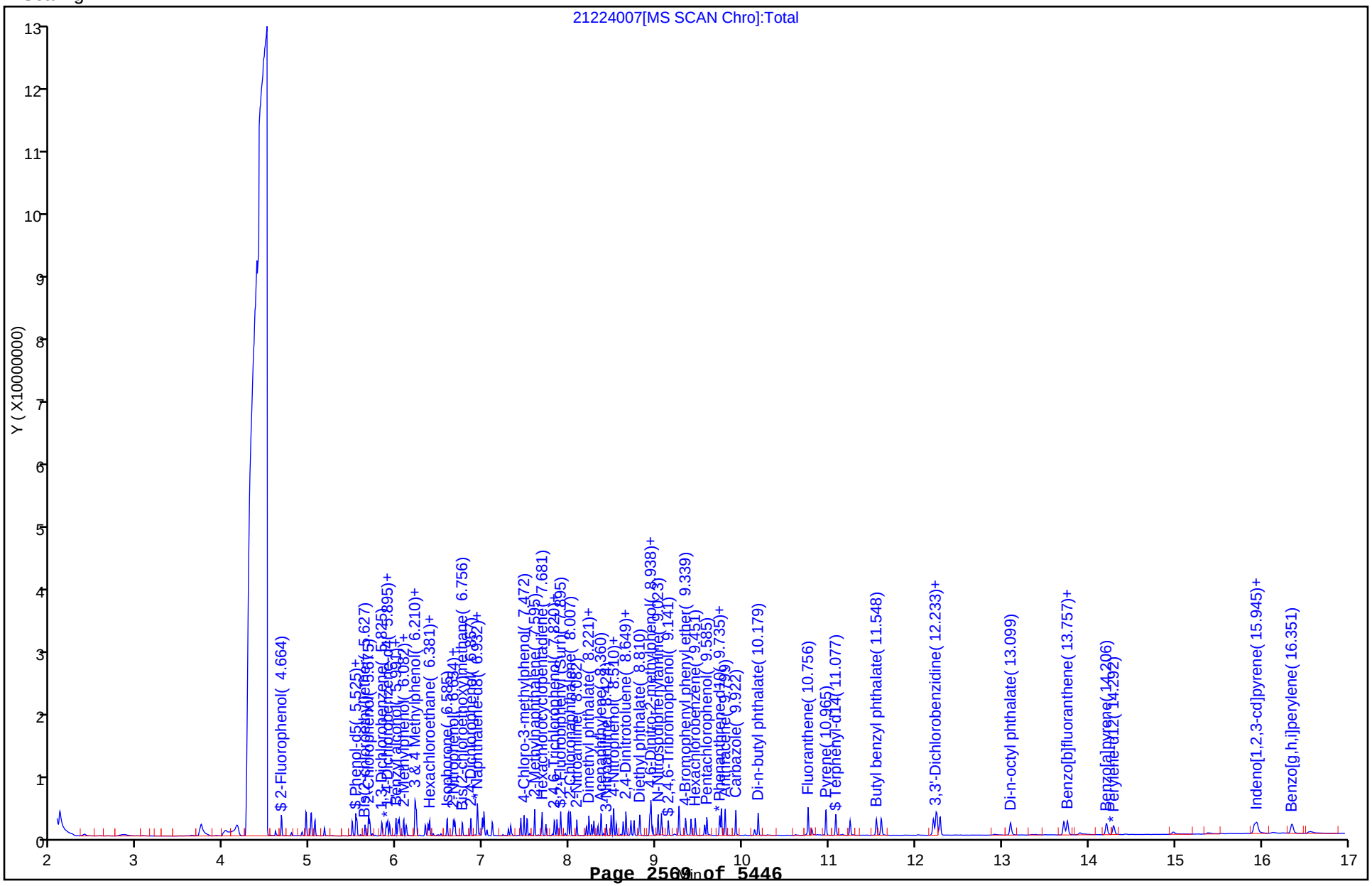
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.857	6.857	0.0	96	355770	5.81	
72 1,2,4-Trichlorobenzene	180	6.938	6.937	0.001	93	368305	4.49	
73 Naphthalene	128	7.007	7.007	0.0	95	1226082	5.44	
74 4-Chloroaniline	127	7.044	7.039	0.005	83	187010	1.97	
77 Hexachlorobutadiene	225	7.103	7.103	0.0	93	189160	4.25	
84 4-Chloro-3-methylphenol	107	7.435	7.435	0.0	94	368529	5.63	
85 2-Methylnaphthalene	142	7.595	7.595	0.0	89	826952	5.59	
88 Hexachlorocyclopentadiene	237	7.724	7.724	0.0	92	177026	3.86	
90 2,4,6-Trichlorophenol	196	7.825	7.825	0.0	92	253769	5.95	
91 2,4,5-Trichlorophenol	196	7.852	7.852	0.0	94	277702	5.96	
98 2-Chloronaphthalene	162	8.007	8.013	-0.006	96	812800	4.79	
100 2-Nitroaniline	65	8.082	8.082	0.0	77	277540	5.78	
103 Dimethyl phthalate	163	8.221	8.221	0.0	98	901057	5.78	
105 2,6-Dinitrotoluene	165	8.280	8.280	0.0	91	207057	5.32	
107 Acenaphthylene	152	8.366	8.366	0.0	96	1272987	5.71	
108 3-Nitroaniline	138	8.424	8.424	0.0	90	173496	4.52	
110 Acenaphthene	153	8.510	8.510	0.0	95	761949	5.49	
109 2,4-Dinitrophenol	184	8.510	8.510	0.0	55	48948	3.58	
111 4-Nitrophenol	109	8.537	8.542	-0.005	94	141591	6.17	
112 2,4-Dinitrotoluene	165	8.617	8.617	0.0	84	262254	4.95	
114 Dibenzofuran	168	8.649	8.654	-0.005	90	1123343	5.49	
119 Diethyl phthalate	149	8.810	8.809	0.001	96	905866	5.82	
121 4-Chlorophenyl phenyl ether	204	8.927	8.927	0.0	95	436608	4.80	
123 4-Nitroaniline	138	8.938	8.938	0.0	82	198621	5.23	
124 Fluorene	166	8.943	8.943	0.0	88	922551	5.65	
126 4,6-Dinitro-2-methylphenol	198	8.959	8.965	-0.006	76	129328	5.21	
130 N-Nitrosodiphenylamine	169	9.023	9.023	0.0	0	667981	5.66	
137 4-Bromophenyl phenyl ether	248	9.344	9.344	0.0	67	244776	4.84	
139 Hexachlorobenzene	284	9.403	9.403	0.0	86	239902	4.77	
141 Pentachlorophenol	266	9.564	9.564	0.0	87	145986	5.07	
146 Phenanthrene	178	9.756	9.756	0.0	96	1360992	5.82	
147 Anthracene	178	9.799	9.799	0.0	97	1329684	5.69	
149 Carbazole	167	9.922	9.922	0.0	82	1278533	5.71	
151 Di-n-butyl phthalate	149	10.179	10.184	-0.005	100	1546466	6.11	
157 Fluoranthene	202	10.756	10.762	-0.006	97	1492179	5.81	
160 Pyrene	202	10.965	10.965	0.0	96	1491893	5.52	
166 Butyl benzyl phthalate	149	11.548	11.548	0.0	98	652792	5.95	
173 3,3'-Dichlorobenzidine	252	12.185	12.184	0.001	64	41970	0.4726	
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	96	919064	5.76	
175 Benzo[a]anthracene	228	12.238	12.238	0.0	96	1323916	5.48	
176 Chrysene	228	12.286	12.286	0.0	94	1349515	5.90	
178 Di-n-octyl phthalate	149	13.099	13.099	0.0	99	1447387	5.59	
180 Benzo[b]fluoranthene	252	13.714	13.720	-0.006	95	1230247	5.35	
181 Benzo[k]fluoranthene	252	13.757	13.757	0.0	95	1369065	5.55	
182 Benzo[a]pyrene	252	14.206	14.212	-0.006	76	1111069	5.14	
186 Indeno[1,2,3-cd]pyrene	276	15.923	15.923	0.0	94	1369528	5.97	
187 Dibenz(a,h)anthracene	278	15.950	15.950	0.0	71	1149000	5.89	
188 Benzo[g,h,i]perylene	276	16.356	16.356	0.0	91	1190056	5.92	

Report Date: 26-Dec-2012 13:04:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224007.D		
Injection Date:	24-Dec-2012 11:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO MSD | Lab Sample ID: 240-18544-1 MSD

Matrix: Solid | Lab File ID: 21223011.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:22

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.38(g) | Date Analyzed: 12/23/2012 14:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	470		7.4	3.7	3.7
208-96-8	Acenaphthylene	485		7.4	3.7	3.7
120-12-7	Anthracene	556		7.4	3.7	3.7
56-55-3	Benzo[a]anthracene	548		7.4	3.7	3.7
50-32-8	Benzo[a]pyrene	522		7.4	3.7	3.7
205-99-2	Benzo[b]fluoranthene	554		7.4	3.7	3.7
191-24-2	Benzo[g,h,i]perylene	606		7.4	3.7	3.7
65-85-0	Benzoic acid	489	J	730	370	370
207-08-9	Benzo[k]fluoranthene	553		7.4	3.7	3.7
100-51-6	Benzyl alcohol	478		370	30	23
111-91-1	Bis(2-chloroethoxy)methane	392		110	30	24
111-44-4	Bis(2-chloroethyl)ether	376		110	3.7	2.2
108-60-1	bis (2-chloroisopropyl) ether	371		110	30	11
117-81-7	Bis(2-ethylhexyl) phthalate	543		56	30	21
101-55-3	4-Bromophenyl phenyl ether	470		56	30	14
85-68-7	Butyl benzyl phthalate	574		56	30	11
86-74-8	Carbazole	543		56	30	30
106-47-8	4-Chloroaniline	390		170	30	19
59-50-7	4-Chloro-3-methylphenol	525		170	30	23
91-58-7	2-Chloronaphthalene	400		56	3.7	3.7
95-57-8	2-Chlorophenol	458		56	30	30
7005-72-3	4-Chlorophenyl phenyl ether	411		56	30	14
218-01-9	Chrysene	576		7.4	3.7	1.2
53-70-3	Dibenz(a,h)anthracene	585		7.4	3.7	3.7
132-64-9	Dibenzofuran	467		56	3.7	3.7
95-50-1	1,2-Dichlorobenzene	375		56	30	11
541-73-1	1,3-Dichlorobenzene	370		56	30	12
106-46-7	1,4-Dichlorobenzene	458		56	30	22
91-94-1	3,3'-Dichlorobenzidine	103	J	110	89	20
120-83-2	2,4-Dichlorophenol	502		170	30	22
84-66-2	Diethyl phthalate	524		56	30	18
105-67-9	2,4-Dimethylphenol	339		170	89	22
131-11-3	Dimethyl phthalate	519		56	30	19
84-74-2	Di-n-butyl phthalate	586		56	30	17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO MSD | Lab Sample ID: 240-18544-1 MSD

Matrix: Solid | Lab File ID: 21223011.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:22

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.38(g) | Date Analyzed: 12/23/2012 14:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	538		170	89	89
51-28-5	2,4-Dinitrophenol	498		370	89	89
121-14-2	2,4-Dinitrotoluene	455		220	30	30
606-20-2	2,6-Dinitrotoluene	475		220	30	23
117-84-0	Di-n-octyl phthalate	547		56	30	30
206-44-0	Fluoranthene	560		7.4	3.7	3.7
86-73-7	Fluorene	494		7.4	3.7	3.7
118-74-1	Hexachlorobenzene	455		7.4	3.7	2.3
87-68-3	Hexachlorobutadiene	391		56	30	30
77-47-4	Hexachlorocyclopentadiene	333	J	370	30	30
67-72-1	Hexachloroethane	392		56	30	10
193-39-5	Indeno[1,2,3-cd]pyrene	605		7.4	3.7	3.7
78-59-1	Isophorone	485		56	30	14
91-57-6	2-Methylnaphthalene	473		7.4	3.7	3.7
95-48-7	2-Methylphenol	444		220	89	89
15831-10-4	3 & 4 Methylphenol	902		440	89	22
91-20-3	Naphthalene	463		7.4	3.7	3.7
88-74-4	2-Nitroaniline	526		220	30	10
99-09-2	3-Nitroaniline	499		220	89	18
100-01-6	4-Nitroaniline	502		220	30	29
98-95-3	Nitrobenzene	401		110	3.7	2.4
88-75-5	2-Nitrophenol	504		56	30	30
100-02-7	4-Nitrophenol	514		370	89	89
621-64-7	N-Nitrosodi-n-propylamine	476		56	30	30
86-30-6	N-Nitrosodiphenylamine	534		56	30	23
87-86-5	Pentachlorophenol	352		170	89	89
85-01-8	Phenanthrene	544		7.4	3.7	3.7
108-95-2	Phenol	471		56	30	30
129-00-0	Pyrene	540		7.4	3.7	3.7
120-82-1	1,2,4-Trichlorobenzene	392		56	30	30
95-95-4	2,4,5-Trichlorophenol	471		170	30	28
88-06-2	2,4,6-Trichlorophenol	418		170	89	89

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO MSD | Lab Sample ID: 240-18544-1 MSD

Matrix: Solid | Lab File ID: 21223011.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 09:22

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.38(g) | Date Analyzed: 12/23/2012 14:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	51		45-105
367-12-4	2-Fluorophenol (Surr)	63		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	52		35-100
4165-62-2	Phenol-d5 (Surr)	64		40-100
1718-51-0	Terphenyl-d14 (Surr)	63		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	56		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223011.D
Lims ID: 240-18544-U-1-F MSD
Client ID: 072SB-0063-0002-SO
Inject. Date: 23-Dec-2012 14:46:30
Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0016131-011
Misc. Info.: 240-18544-U-1-F MSD
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 11
Lims Batch ID: 69932
Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj
Date: 24-Dec-2012 11:20:16

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.880	5.886	-0.006	97	246957	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	100	962166	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	91	591253	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	97	909522	4.00	
* 5 Chrysene-d12	240	12.272	12.272	0.0	91	969884	4.00	
* 6 Perylene-d12	264	14.320	14.320	0.0	92	757080	4.00	
$ 7 2-Fluorophenol	112	4.639	4.629	0.010	94	718056	9.48	
$ 8 Phenol-d5	99	5.533	5.522	0.011	90	974229	9.66	
$ 9 Nitrobenzene-d5	82	6.367	6.367	0.0	94	548170	5.17	
$ 10 2-Fluorobiphenyl (Surr)	172	7.902	7.907	-0.005	99	1073139	5.06	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	93	167327	8.42	
$ 12 Terphenyl-d14	244	11.090	11.095	-0.005	99	1246706	6.28	
41 Phenol	94	5.543	5.538	0.005	99	670616	6.35	
44 Bis(2-chloroethyl)ether	93	5.634	5.634	0.0	91	520173	5.07	
46 2-Chlorophenol	128	5.693	5.688	0.005	92	515015	6.17	
47 1,3-Dichlorobenzene	146	5.832	5.832	0.0	96	540036	4.99	
48 1,4-Dichlorobenzene	146	5.896	5.896	0.0	90	555714	6.18	
49 Benzyl alcohol	108	5.993	5.993	0.0	89	335451	6.44	
50 1,2-Dichlorobenzene	146	6.035	6.035	0.0	93	524362	5.06	
51 2-Methylphenol	108	6.083	6.084	-0.001	97	454009	5.98	
52 2,2'-oxybis[1-chloropropane]	45	6.116	6.116	0.0	90	730961	5.00	
191 3 & 4 Methylphenol	108	6.217	6.212	0.005	92	990674	12.2	
56 N-Nitrosodi-n-propylamine	70	6.228	6.228	0.0	89	391169	6.42	
60 Hexachloroethane	117	6.335	6.335	0.0	91	224859	5.28	
61 Nitrobenzene	77	6.383	6.388	-0.005	88	593093	5.41	
63 Isophorone	82	6.586	6.592	-0.006	97	1044206	6.54	
65 2-Nitrophenol	139	6.661	6.661	0.0	96	267488	6.79	
64 2,4-Dimethylphenol	107	6.683	6.677	0.006	94	374598	4.58	
69 Benzoic acid	122	6.715	6.741	-0.026	83	276507	6.60	
68 Bis(2-chloroethoxy)methane	93	6.763	6.768	-0.005	96	632692	5.28	

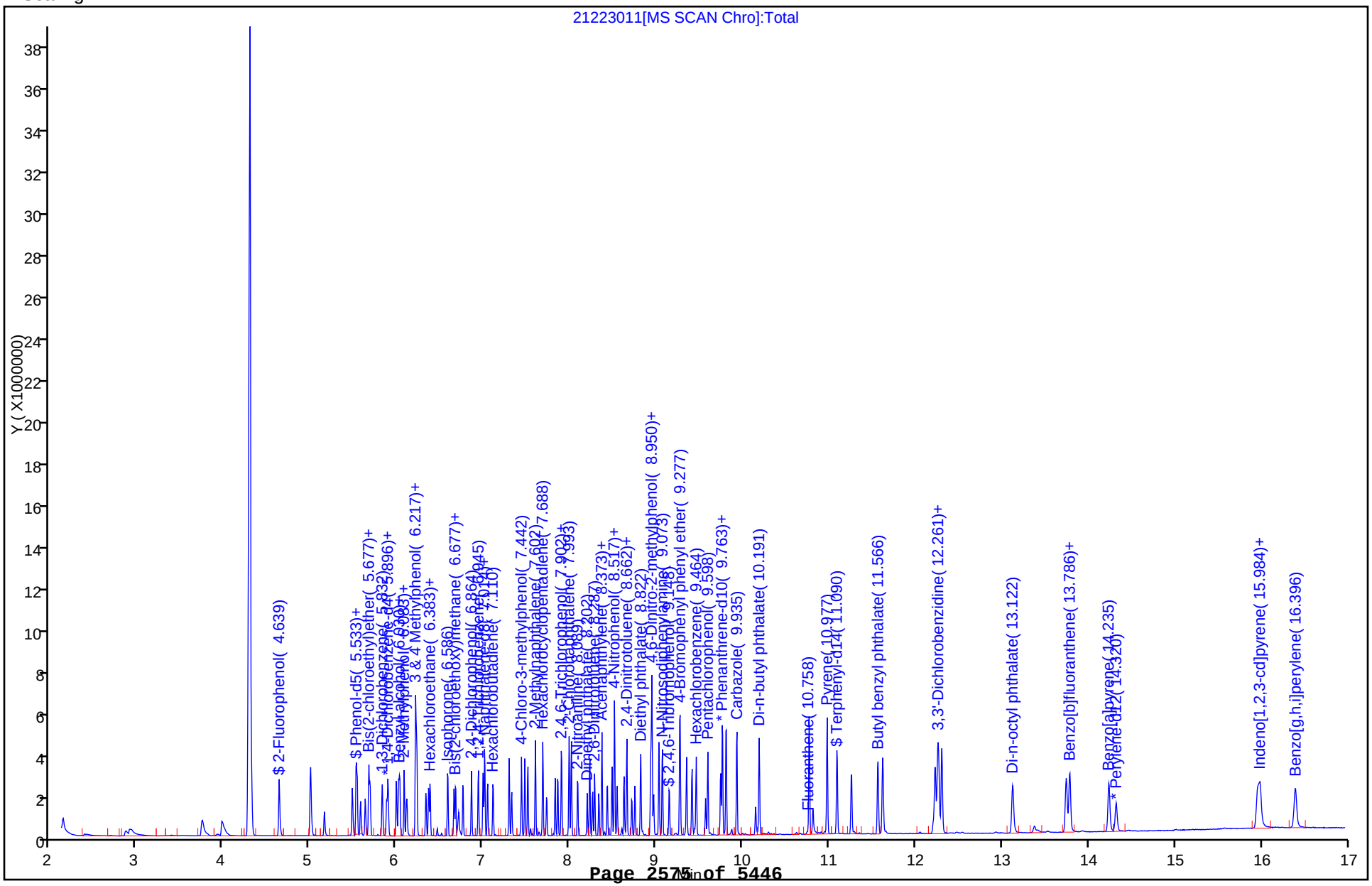
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.864	6.864	0.0	94	432200	6.77	
72 1,2,4-Trichlorobenzene	180	6.945	6.945	0.0	89	452891	5.29	
73 Naphthalene	128	7.014	7.020	-0.006	95	1469617	6.25	
74 4-Chloroaniline	127	7.052	7.052	0.0	83	521325	5.26	
77 Hexachlorobutadiene	225	7.116	7.116	0.0	94	245230	5.28	
84 4-Chloro-3-methylphenol	107	7.442	7.442	0.0	95	483750	7.08	
85 2-Methylnaphthalene	142	7.602	7.603	-0.001	87	984475	6.38	
88 Hexachlorocyclopentadiene	237	7.736	7.736	0.0	87	224731	4.50	
90 2,4,6-Trichlorophenol	196	7.832	7.833	-0.001	92	262250	5.64	
91 2,4,5-Trichlorophenol	196	7.865	7.865	0.0	94	322522	6.35	
98 2-Chloronaphthalene	162	8.020	8.020	0.0	97	997623	5.40	
100 2-Nitroaniline	65	8.089	8.095	-0.006	76	371065	7.10	
103 Dimethyl phthalate	163	8.234	8.234	0.0	97	1187360	6.99	
105 2,6-Dinitrotoluene	165	8.287	8.287	0.0	87	275564	6.41	
107 Acenaphthylene	152	8.373	8.373	0.0	94	1587247	6.53	
108 3-Nitroaniline	138	8.437	8.437	0.0	92	281143	6.72	
110 Acenaphthene	153	8.517	8.517	0.0	93	958416	6.33	
109 2,4-Dinitrophenol	184	8.522	8.523	-0.001	52	124549	6.71	
111 4-Nitrophenol	109	8.549	8.549	0.0	95	175165	6.93	
112 2,4-Dinitrotoluene	165	8.629	8.630	-0.001	81	360827	6.14	
114 Dibenzofuran	168	8.662	8.662	0.0	85	1407234	6.30	
119 Diethyl phthalate	149	8.822	8.822	0.0	97	1198512	7.07	
121 4-Chlorophenyl phenyl ether	204	8.940	8.940	0.0	96	550019	5.55	
124 Fluorene	166	8.950	8.950	0.0	82	1185711	6.66	
123 4-Nitroaniline	138	8.950	8.950	0.0	79	280235	6.76	
126 4,6-Dinitro-2-methylphenol	198	8.972	8.972	0.0	79	197284	7.26	
130 N-Nitrosodiphenylamine	169	9.031	9.031	0.0	0	886778	7.20	
137 4-Bromophenyl phenyl ether	248	9.352	9.352	0.0	67	334226	6.34	
139 Hexachlorobenzene	284	9.416	9.416	0.0	89	321742	6.13	
141 Pentachlorophenol	266	9.571	9.571	0.0	88	142451	4.74	
146 Phenanthrene	178	9.763	9.769	-0.006	97	1791099	7.34	
147 Anthracene	178	9.811	9.812	-0.001	97	1829050	7.50	
149 Carbazole	167	9.935	9.935	-0.001	82	1709121	7.32	
151 Di-n-butyl phthalate	149	10.191	10.191	0.0	100	2087423	7.91	
157 Fluoranthene	202	10.769	10.769	0.0	97	2025131	7.56	
160 Pyrene	202	10.977	10.978	-0.001	95	2044104	7.28	
166 Butyl benzyl phthalate	149	11.566	11.566	0.0	96	880835	7.73	
173 3,3'-Dichlorobenzidine	252	12.208	12.208	0.0	68	128105	1.39	
171 Bis(2-ethylhexyl) phthalate	149	12.229	12.229	0.0	96	1230910	7.32	
175 Benzo[a]anthracene	228	12.256	12.256	0.0	95	1854494	7.40	
176 Chrysene	228	12.304	12.304	0.0	94	1846339	7.77	
178 Di-n-octyl phthalate	149	13.122	13.128	-0.006	99	1922562	7.37	
180 Benzo[b]fluoranthene	252	13.743	13.743	0.0	96	1687950	7.47	
181 Benzo[k]fluoranthene	252	13.786	13.786	0.0	94	1809142	7.46	
182 Benzo[a]pyrene	252	14.235	14.240	-0.005	76	1496738	7.04	
186 Indeno[1,2,3-cd]pyrene	276	15.957	15.963	-0.005	94	1838421	8.15	
187 Dibenz(a,h)anthracene	278	15.984	15.989	-0.005	88	1514687	7.89	
188 Benzo[g,h,i]perylene	276	16.390	16.396	-0.006	93	1613662	8.17	

Report Date: 24-Dec-2012 12:29:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223011.D		
Injection Date:	23-Dec-2012 14:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0063-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO MSD | Lab Sample ID: 240-18544-7 MSD

Matrix: Solid | Lab File ID: 21223014.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.35(g) | Date Analyzed: 12/23/2012 15:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	472		6.6	3.3	3.3
208-96-8	Acenaphthylene	498		6.6	3.3	3.3
120-12-7	Anthracene	493		6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	495		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	451		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	479		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	523		6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	471		6.6	3.3	3.3
100-51-6	Benzyl alcohol	482		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	380		99	27	22
111-44-4	Bis(2-chloroethyl)ether	376		99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	364		99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	495		49	27	19
101-55-3	4-Bromophenyl phenyl ether	425		49	27	13
85-68-7	Butyl benzyl phthalate	525		49	27	9.9
86-74-8	Carbazole	470		49	27	27
106-47-8	4-Chloroaniline	217		150	27	17
59-50-7	4-Chloro-3-methylphenol	497		150	27	21
91-58-7	2-Chloronaphthalene	410		49	3.3	3.3
95-57-8	2-Chlorophenol	478		49	27	27
7005-72-3	4-Chlorophenyl phenyl ether	409		49	27	13
218-01-9	Chrysene	520		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	512		6.6	3.3	3.3
132-64-9	Dibenzofuran	480		49	3.3	3.3
95-50-1	1,2-Dichlorobenzene	368		49	27	9.6
541-73-1	1,3-Dichlorobenzene	355		49	27	11
106-46-7	1,4-Dichlorobenzene	444		49	27	20
91-94-1	3,3'-Dichlorobenzidine	103		99	79	18
120-83-2	2,4-Dichlorophenol	492		150	27	20
84-66-2	Diethyl phthalate	498		49	27	16
105-67-9	2,4-Dimethylphenol	361		150	79	20
131-11-3	Dimethyl phthalate	508		49	27	17
84-74-2	Di-n-butyl phthalate	519		49	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO MSD | Lab Sample ID: 240-18544-7 MSD

Matrix: Solid | Lab File ID: 21223014.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.35(g) | Date Analyzed: 12/23/2012 15:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	416		150	79	79
51-28-5	2,4-Dinitrophenol	275	J	330	79	79
121-14-2	2,4-Dinitrotoluene	423		200	27	27
606-20-2	2,6-Dinitrotoluene	445		200	27	21
117-84-0	Di-n-octyl phthalate	471		49	27	27
206-44-0	Fluoranthene	484		6.6	3.3	3.3
86-73-7	Fluorene	492		6.6	3.3	3.3
118-74-1	Hexachlorobenzene	417		6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	367		49	27	27
77-47-4	Hexachlorocyclopentadiene	337		330	27	27
67-72-1	Hexachloroethane	369		49	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	522		6.6	3.3	3.3
78-59-1	Isophorone	492		49	27	13
91-57-6	2-Methylnaphthalene	478		6.6	3.3	3.3
95-48-7	2-Methylphenol	466		200	79	79
15831-10-4	3 & 4 Methylphenol	936		400	79	20
91-20-3	Naphthalene	466		6.6	3.3	3.3
88-74-4	2-Nitroaniline	496		200	27	9.0
99-09-2	3-Nitroaniline	425		200	79	16
100-01-6	4-Nitroaniline	458		200	27	26
98-95-3	Nitrobenzene	389		99	3.3	2.2
88-75-5	2-Nitrophenol	508		49	27	27
100-02-7	4-Nitrophenol	506		330	79	79
621-64-7	N-Nitrosodi-n-propylamine	481		49	27	27
86-30-6	N-Nitrosodiphenylamine	462		49	27	21
87-86-5	Pentachlorophenol	464	J	150	79	79
85-01-8	Phenanthrene	495		6.6	3.3	3.3
108-95-2	Phenol	494		49	27	27
129-00-0	Pyrene	492		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	374		49	27	27
95-95-4	2,4,5-Trichlorophenol	501		150	27	25
88-06-2	2,4,6-Trichlorophenol	514		150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0090M-0001-SO MSD | Lab Sample ID: 240-18544-7 MSD

Matrix: Solid | Lab File ID: 21223014.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.35(g) | Date Analyzed: 12/23/2012 15:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	59		45-105
367-12-4	2-Fluorophenol (Surr)	74		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	58		35-100
4165-62-2	Phenol-d5 (Surr)	73		40-100
1718-51-0	Terphenyl-d14 (Surr)	65		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	76		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223014.D
Lims ID: 240-18544-L-7-M MSD
Client ID: 076SB-0090M-0002-SO
Inject. Date: 23-Dec-2012 15:56:30
Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0016131-014
Misc. Info.: 240-18544-L-7-M MSD
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 14
Lims Batch ID: 69932
Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj
Date: 24-Dec-2012 11:21:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.885	5.886	-0.001	97	240982	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	99	970198	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	93	568968	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	929027	4.00	
* 5 Chrysene-d12	240	12.272	12.272	0.0	92	946473	4.00	
* 6 Perylene-d12	264	14.320	14.320	0.0	96	786251	4.00	
$ 7 2-Fluorophenol	112	4.677	4.629	0.048	94	825952	11.2	
$ 8 Phenol-d5	99	5.532	5.522	0.010	97	1074402	10.9	
$ 9 Nitrobenzene-d5	82	6.372	6.367	0.005	92	617892	5.78	
$ 10 2-Fluorobiphenyl (Surr)	172	7.907	7.907	0.0	99	1194452	5.86	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	92	218198	11.4	
$ 12 Terphenyl-d14	244	11.090	11.095	-0.005	99	1257179	6.49	
41 Phenol	94	5.549	5.538	0.011	99	772938	7.50	
44 Bis(2-chloroethyl)ether	93	5.639	5.634	0.005	92	570340	5.70	
46 2-Chlorophenol	128	5.698	5.688	0.010	93	590815	7.25	
47 1,3-Dichlorobenzene	146	5.837	5.832	0.005	95	569377	5.39	
48 1,4-Dichlorobenzene	146	5.902	5.896	0.006	90	590668	6.73	
49 Benzyl alcohol	108	5.998	5.993	0.005	87	371203	7.31	
50 1,2-Dichlorobenzene	146	6.041	6.035	0.006	91	564508	5.58	
51 2-Methylphenol	108	6.089	6.084	0.005	97	523177	7.07	
52 2,2'-oxybis[1-chloropropane]	45	6.115	6.116	-0.001	90	788616	5.53	
191 3 & 4 Methylphenol	108	6.222	6.212	0.010	90	1129413	14.2	
56 N-Nitrosodi-n-propylamine	70	6.228	6.228	0.0	91	434108	7.30	
60 Hexachloroethane	117	6.340	6.335	0.005	90	232801	5.60	
61 Nitrobenzene	77	6.388	6.388	0.0	91	652783	5.90	
63 Isophorone	82	6.592	6.592	0.0	97	1202419	7.47	
65 2-Nitrophenol	139	6.666	6.661	0.005	96	306130	7.71	
64 2,4-Dimethylphenol	107	6.682	6.677	0.005	90	451444	5.47	
69 Benzoic acid	122		6.741					
68 Bis(2-chloroethoxy)methane	93	6.768	6.768	0.0	96	695529	5.76	

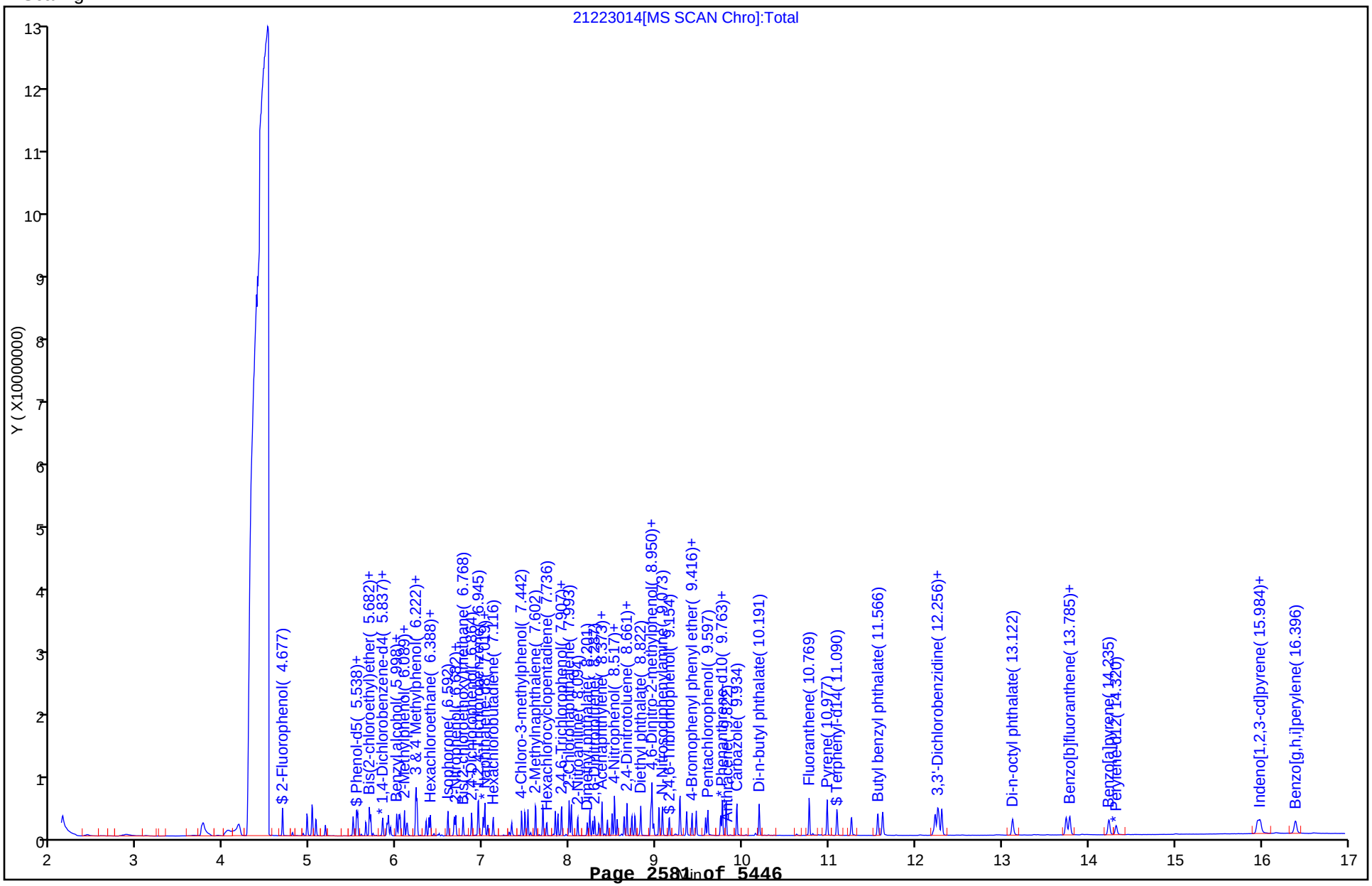
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.864	6.864	0.0	97	480401	7.46	
72 1,2,4-Trichlorobenzene	180	6.945	6.945	0.0	93	489460	5.67	
73 Naphthalene	128	7.019	7.020	-0.001	96	1675413	7.07	
74 4-Chloroaniline	127	7.051	7.052	-0.001	84	329817	3.30	
77 Hexachlorobutadiene	225	7.116	7.116	0.0	93	260814	5.57	
84 4-Chloro-3-methylphenol	107	7.442	7.442	0.0	94	519566	7.54	
85 2-Methylnaphthalene	142	7.602	7.603	-0.001	84	1128876	7.26	
88 Hexachlorocyclopentadiene	237	7.736	7.736	0.0	94	245634	5.11	
90 2,4,6-Trichlorophenol	196	7.832	7.833	-0.001	92	349044	7.80	
91 2,4,5-Trichlorophenol	196	7.864	7.865	-0.001	94	371744	7.60	
98 2-Chloronaphthalene	162	8.020	8.020	0.0	96	1107289	6.23	
100 2-Nitroaniline	65	8.089	8.095	-0.006	78	378595	7.52	
103 Dimethyl phthalate	163	8.234	8.234	0.0	97	1260784	7.72	
105 2,6-Dinitrotoluene	165	8.287	8.287	0.0	85	280571	6.75	
107 Acenaphthylene	152	8.373	8.373	0.0	94	1764947	7.55	
108 3-Nitroaniline	138	8.437	8.437	0.0	88	259765	6.45	
110 Acenaphthene	153	8.517	8.517	0.0	95	1043101	7.16	
109 2,4-Dinitrophenol	184	8.522	8.523	-0.001	53	64079	4.17	
111 4-Nitrophenol	109	8.549	8.549	0.0	95	188163	7.67	
112 2,4-Dinitrotoluene	165	8.629	8.630	-0.001	87	364406	6.42	
114 Dibenzofuran	168	8.661	8.662	-0.001	87	1563205	7.28	
119 Diethyl phthalate	149	8.822	8.822	0.0	96	1232246	7.55	
121 4-Chlorophenyl phenyl ether	204	8.940	8.940	0.0	94	591865	6.20	
124 Fluorene	166	8.950	8.950	0.0	82	1279667	7.47	
123 4-Nitroaniline	138	8.950	8.950	0.0	77	277164	6.95	
126 4,6-Dinitro-2-methylphenol	198	8.972	8.972	0.0	77	171994	6.31	
130 N-Nitrosodiphenylamine	169	9.030	9.031	-0.001	0	882380	7.01	
137 4-Bromophenyl phenyl ether	248	9.351	9.352	-0.001	68	347108	6.44	
139 Hexachlorobenzene	284	9.416	9.416	0.0	88	338888	6.32	
141 Pentachlorophenol	266	9.571	9.571	0.0	81	215952	7.04	
146 Phenanthrene	178	9.769	9.769	0.0	97	1873847	7.51	
147 Anthracene	178	9.811	9.812	-0.001	97	1863700	7.49	
149 Carbazole	167	9.934	9.935	-0.001	82	1702148	7.14	
151 Di-n-butyl phthalate	149	10.191	10.191	0.0	100	2122153	7.87	
157 Fluoranthene	202	10.769	10.769	0.0	98	2011302	7.35	
160 Pyrene	202	10.977	10.978	-0.001	96	2044141	7.46	
166 Butyl benzyl phthalate	149	11.566	11.566	0.0	97	884893	7.96	
173 3,3'-Dichlorobenzidine	252	12.208	12.208	0.0	66	140625	1.56	
171 Bis(2-ethylhexyl) phthalate	149	12.229	12.229	0.0	96	1233518	7.51	
175 Benzo[a]anthracene	228	12.256	12.256	0.0	95	1837281	7.51	
176 Chrysene	228	12.304	12.304	0.0	96	1830013	7.90	
178 Di-n-octyl phthalate	149	13.122	13.128	-0.006	99	1929160	7.14	
180 Benzo[b]fluoranthene	252	13.743	13.743	0.0	93	1706889	7.27	
181 Benzo[k]fluoranthene	252	13.785	13.786	-0.001	98	1800149	7.15	
182 Benzo[a]pyrene	252	14.240	14.240	0.0	74	1510784	6.85	
186 Indeno[1,2,3-cd]pyrene	276	15.957	15.963	-0.005	95	1855085	7.92	
187 Dibenz(a,h)anthracene	278	15.984	15.989	-0.005	82	1550012	7.78	
188 Benzo[g,h,i]perylene	276	16.396	16.396	0.0	93	1628541	7.94	

Report Date: 24-Dec-2012 12:29:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223014.D		
Injection Date:	23-Dec-2012 15:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0090M-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO MSD | Lab Sample ID: 240-18544-8 MSD

Matrix: Solid | Lab File ID: 21223008.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.00(g) | Date Analyzed: 12/23/2012 13:36

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	382		6.7	3.3	3.3
208-96-8	Acenaphthylene	405		6.7	3.3	3.3
120-12-7	Anthracene	406		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	378		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	377		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	400		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	420		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	397		6.7	3.3	3.3
100-51-6	Benzyl alcohol	411		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	328		100	27	22
111-44-4	Bis(2-chloroethyl)ether	316		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	318		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	392		50	27	19
101-55-3	4-Bromophenyl phenyl ether	341		50	27	13
85-68-7	Butyl benzyl phthalate	405		50	27	10
86-74-8	Carbazole	400		50	27	27
106-47-8	4-Chloroaniline	254		150	27	17
59-50-7	4-Chloro-3-methylphenol	393		150	27	21
91-58-7	2-Chloronaphthalene	338		50	3.3	3.3
95-57-8	2-Chlorophenol	406		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	332		50	27	13
218-01-9	Chrysene	392		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	428		6.7	3.3	3.3
132-64-9	Dibenzofuran	379		50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	316		50	27	9.7
541-73-1	1,3-Dichlorobenzene	309		50	27	11
106-46-7	1,4-Dichlorobenzene	390		50	27	20
91-94-1	3,3'-Dichlorobenzidine	181		100	80	18
120-83-2	2,4-Dichlorophenol	405		150	27	20
84-66-2	Diethyl phthalate	403		50	27	16
105-67-9	2,4-Dimethylphenol	279		150	80	20
131-11-3	Dimethyl phthalate	404		50	27	17
84-74-2	Di-n-butyl phthalate	432		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO MSD | Lab Sample ID: 240-18544-8 MSD

Matrix: Solid | Lab File ID: 21223008.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.00(g) | Date Analyzed: 12/23/2012 13:36

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	365		150	80	80
51-28-5	2,4-Dinitrophenol	263	J	330	80	80
121-14-2	2,4-Dinitrotoluene	330	J	200	27	27
606-20-2	2,6-Dinitrotoluene	368		200	27	21
117-84-0	Di-n-octyl phthalate	399		50	27	27
206-44-0	Fluoranthene	415		6.7	3.3	3.3
86-73-7	Fluorene	397		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	333		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	323		50	27	27
77-47-4	Hexachlorocyclopentadiene	304	J	330	27	27
67-72-1	Hexachloroethane	328		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	420		6.7	3.3	3.3
78-59-1	Isophorone	406		50	27	13
91-57-6	2-Methylnaphthalene	391		6.7	3.3	3.3
95-48-7	2-Methylphenol	380		200	80	80
15831-10-4	3 & 4 Methylphenol	791		400	80	20
91-20-3	Naphthalene	397		6.7	3.3	3.3
88-74-4	2-Nitroaniline	404		200	27	9.1
99-09-2	3-Nitroaniline	337		200	80	16
100-01-6	4-Nitroaniline	369		200	27	26
98-95-3	Nitrobenzene	334		100	3.3	2.2
88-75-5	2-Nitrophenol	423		50	27	27
100-02-7	4-Nitrophenol	412		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	385		50	27	27
86-30-6	N-Nitrosodiphenylamine	416		50	27	21
87-86-5	Pentachlorophenol	365		150	80	80
85-01-8	Phenanthrene	414		6.7	3.3	3.3
108-95-2	Phenol	403		50	27	27
129-00-0	Pyrene	385		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	327		50	27	27
95-95-4	2,4,5-Trichlorophenol	396		150	27	25
88-06-2	2,4,6-Trichlorophenol	413		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0091M-0001-SO MSD | Lab Sample ID: 240-18544-8 MSD

Matrix: Solid | Lab File ID: 21223008.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 14:40

Extract. Method: 3540C | Date Extracted: 12/18/2012 09:39

Sample wt/vol: 30.00(g) | Date Analyzed: 12/23/2012 13:36

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69932 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	48		45-105
367-12-4	2-Fluorophenol (Surr)	63		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	48		35-100
4165-62-2	Phenol-d5 (Surr)	60		40-100
1718-51-0	Terphenyl-d14 (Surr)	49		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	59		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223008.D
Lims ID: 240-18544-M-8-M MSD
Client ID: 076SB-0091M-0002-SO
Inject. Date: 23-Dec-2012 13:36:30
Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0016131-008
Misc. Info.: 240-18544-M-8-M MSD
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 8
Lims Batch ID: 69932
Lims Sample ID: 8
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121223-16131.b\8270_hp7.m
Last Update: 24-Dec-2012 12:29:22
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK011

First Level Reviewer: gruberj
Date: 23-Dec-2012 14:17:40

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.891	5.886	0.005	96	277827	4.00	
* 2 Naphthalene-d8	136	6.998	6.998	0.0	99	1105272	4.00	
* 3 Acenaphthene-d10	164	8.490	8.490	0.0	93	651286	4.00	
* 4 Phenanthrene-d10	188	9.747	9.747	0.0	98	1003968	4.00	
* 5 Chrysene-d12	240	12.272	12.272	0.0	94	1119523	4.00	
* 6 Perylene-d12	264	14.320	14.320	0.0	96	853715	4.00	
$ 7 2-Fluorophenol	112	4.698	4.629	0.069	93	805895	9.46	
$ 8 Phenol-d5	99	5.538	5.522	0.016	90	1027862	9.06	
$ 9 Nitrobenzene-d5	82	6.372	6.367	0.005	93	580367	4.77	
$ 10 2-Fluorobiphenyl (Surr)	172	7.907	7.907	0.0	99	1125589	4.82	
$ 11 2,4,6-Tribromophenol	330	9.154	9.154	0.0	93	195414	8.92	
$ 12 Terphenyl-d14	244	11.090	11.095	-0.005	98	1131421	4.94	
41 Phenol	94	5.549	5.538	0.011	97	718558	6.04	
44 Bis(2-chloroethyl)ether	93	5.645	5.634	0.011	93	546608	4.74	
46 2-Chlorophenol	128	5.704	5.688	0.016	91	572295	6.09	
47 1,3-Dichlorobenzene	146	5.837	5.832	0.005	95	564862	4.64	
48 1,4-Dichlorobenzene	146	5.907	5.896	0.011	93	591224	5.84	
49 Benzyl alcohol	108	6.003	5.993	0.010	89	361356	6.17	
50 1,2-Dichlorobenzene	146	6.041	6.035	0.006	92	552606	4.74	
51 2-Methylphenol	108	6.089	6.084	0.005	97	486360	5.70	
52 2,2'-oxybis[1-chloropropane]	45	6.121	6.116	0.005	91	784532	4.77	
191 3 & 4 Methylphenol	108	6.223	6.212	0.011	90	1087356	11.9	
56 N-Nitrosodi-n-propylamine	70	6.233	6.228	0.005	89	395393	5.77	
60 Hexachloroethane	117	6.340	6.335	0.005	91	235529	4.92	
61 Nitrobenzene	77	6.388	6.388	0.0	87	630504	5.01	
63 Isophorone	82	6.592	6.592	0.0	97	1117263	6.09	
65 2-Nitrophenol	139	6.667	6.661	0.005	95	287349	6.35	
64 2,4-Dimethylphenol	107	6.683	6.677	0.006	92	393201	4.18	
69 Benzoic acid	122	6.704	6.741	-0.037	33	16886	1.40	
68 Bis(2-chloroethoxy)methane	93	6.768	6.768	0.0	95	677357	4.92	

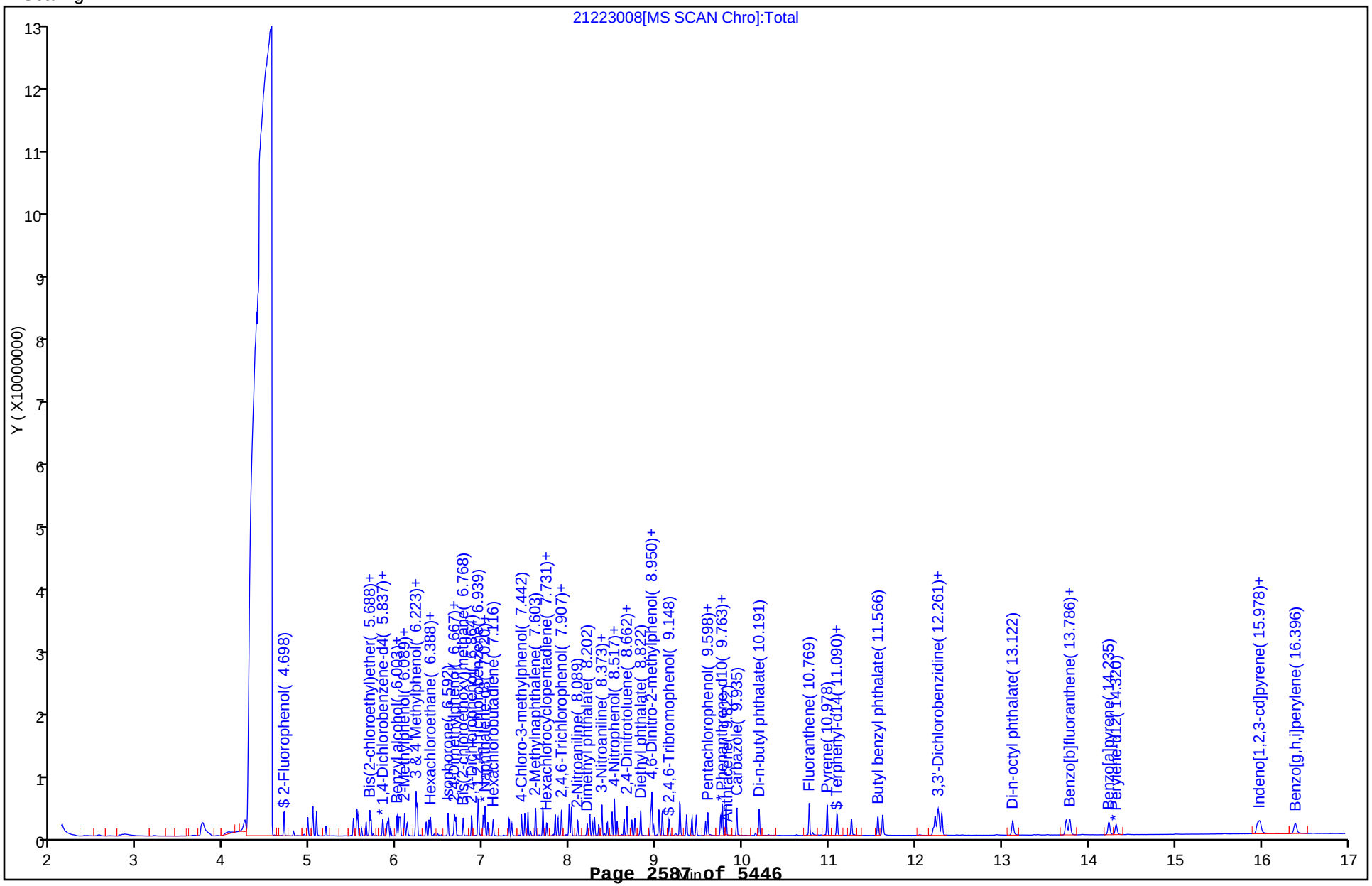
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.864	6.864	0.0	97	445538	6.07	
72 1,2,4-Trichlorobenzene	180	6.945	6.945	0.0	81	481858	4.90	
73 Naphthalene	128	7.020	7.020	0.0	96	1607540	5.95	
74 4-Chloroaniline	127	7.052	7.052	0.0	86	433407	3.80	
77 Hexachlorobutadiene	225	7.116	7.116	0.0	92	258840	4.85	
84 4-Chloro-3-methylphenol	107	7.442	7.442	0.0	91	463111	5.90	
85 2-Methylnaphthalene	142	7.603	7.603	0.0	89	1038169	5.86	
88 Hexachlorocyclopentadiene	237	7.736	7.736	0.0	94	251293	4.57	
90 2,4,6-Trichlorophenol	196	7.833	7.833	-0.001	91	317192	6.19	
91 2,4,5-Trichlorophenol	196	7.865	7.865	0.0	94	332288	5.94	
98 2-Chloronaphthalene	162	8.020	8.020	0.0	96	1030981	5.07	
100 2-Nitroaniline	65	8.089	8.095	-0.006	77	348762	6.05	
103 Dimethyl phthalate	163	8.234	8.234	0.0	97	1132729	6.06	
105 2,6-Dinitrotoluene	165	8.287	8.287	0.0	90	258597	5.52	
107 Acenaphthylene	152	8.373	8.373	0.0	94	1626950	6.08	
108 3-Nitroaniline	138	8.437	8.437	0.0	92	232851	5.05	
110 Acenaphthene	153	8.517	8.517	0.0	93	956212	5.74	
109 2,4-Dinitrophenol	184	8.522	8.523	-0.001	54	67673	3.94	
111 4-Nitrophenol	109	8.549	8.549	0.0	95	170095	6.17	
112 2,4-Dinitrotoluene	165	8.629	8.630	-0.001	89	314822	4.95	
114 Dibenzofuran	168	8.662	8.662	0.0	88	1396455	5.68	
119 Diethyl phthalate	149	8.822	8.822	0.0	96	1130134	6.05	
121 4-Chlorophenyl phenyl ether	204	8.940	8.940	0.0	95	544679	4.99	
124 Fluorene	166	8.950	8.950	0.0	83	1168778	5.96	
123 4-Nitroaniline	138	8.950	8.950	0.0	77	252729	5.54	
126 4,6-Dinitro-2-methylphenol	198	8.972	8.972	0.0	79	157586	5.47	
130 N-Nitrosodiphenylamine	169	9.031	9.031	0.0	0	849459	6.25	
137 4-Bromophenyl phenyl ether	248	9.352	9.352	0.0	68	298154	5.12	
139 Hexachlorobenzene	284	9.416	9.416	0.0	88	289854	5.00	
141 Pentachlorophenol	266	9.571	9.571	0.0	83	181733	5.48	
146 Phenanthrene	178	9.763	9.769	-0.006	97	1675231	6.22	
147 Anthracene	178	9.812	9.812	0.0	98	1640420	6.10	
149 Carbazole	167	9.935	9.935	0.0	82	1544956	5.99	
151 Di-n-butyl phthalate	149	10.191	10.191	0.0	100	1886574	6.47	
157 Fluoranthene	202	10.769	10.769	0.0	98	1842171	6.23	
160 Pyrene	202	10.978	10.978	0.0	96	1872754	5.78	
166 Butyl benzyl phthalate	149	11.566	11.566	0.0	97	798180	6.07	
173 3,3'-Dichlorobenzidine	252	12.208	12.208	0.0	74	289231	2.72	
171 Bis(2-ethylhexyl) phthalate	149	12.229	12.229	0.0	96	1127603	5.89	
175 Benzo[a]anthracene	228	12.256	12.256	0.0	91	1638915	5.66	
176 Chrysene	228	12.304	12.304	0.0	94	1612151	5.88	
178 Di-n-octyl phthalate	149	13.122	13.128	-0.006	99	1727419	5.98	
180 Benzo[b]fluoranthene	252	13.743	13.743	0.0	94	1528375	6.00	
181 Benzo[k]fluoranthene	252	13.786	13.786	0.0	99	1629304	5.96	
182 Benzo[a]pyrene	252	14.235	14.240	-0.005	74	1353507	5.65	
186 Indeno[1,2,3-cd]pyrene	276	15.957	15.963	-0.005	97	1602578	6.30	
187 Dibenz(a,h)anthracene	278	15.984	15.989	-0.005	69	1388002	6.41	
188 Benzo[g,h,i]perylene	276	16.396	16.396	0.0	93	1402838	6.30	

Report Date: 24-Dec-2012 12:29:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121223-16131.b\21223008.D		
Injection Date:	23-Dec-2012 13:36:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0091M-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	69932	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MSD | Lab Sample ID: 240-18544-19 MSD

Matrix: Solid | Lab File ID: 21224008.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:27

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.17(g) | Date Analyzed: 12/24/2012 11:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	386		6.6	3.3	3.3
208-96-8	Acenaphthylene	402		6.6	3.3	3.3
120-12-7	Anthracene	392		6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	390		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	369		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	381		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	435		6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	386		6.6	3.3	3.3
100-51-6	Benzyl alcohol	421		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	335		99	27	22
111-44-4	Bis(2-chloroethyl)ether	331		99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	320		99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	402		50	27	19
101-55-3	4-Bromophenyl phenyl ether	333		50	27	13
85-68-7	Butyl benzyl phthalate	415		50	27	9.9
86-74-8	Carbazole	378		50	27	27
106-47-8	4-Chloroaniline	110	J	150	27	17
59-50-7	4-Chloro-3-methylphenol	413		150	27	21
91-58-7	2-Chloronaphthalene	336		50	3.3	3.3
95-57-8	2-Chlorophenol	406		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	330		50	27	13
218-01-9	Chrysene	412		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	419		6.6	3.3	3.3
132-64-9	Dibenzofuran	386		50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	320		50	27	9.6
541-73-1	1,3-Dichlorobenzene	313		50	27	11
106-46-7	1,4-Dichlorobenzene	397		50	27	20
91-94-1	3,3'-Dichlorobenzidine	30.2	J	99	80	18
120-83-2	2,4-Dichlorophenol	412		150	27	20
84-66-2	Diethyl phthalate	402		50	27	16
105-67-9	2,4-Dimethylphenol	288		150	80	20
131-11-3	Dimethyl phthalate	403		50	27	17
84-74-2	Di-n-butyl phthalate	415		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MSD | Lab Sample ID: 240-18544-19 MSD

Matrix: Solid | Lab File ID: 21224008.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:27

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.17(g) | Date Analyzed: 12/24/2012 11:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	344		150	80	80
51-28-5	2,4-Dinitrophenol	189	J	330	80	80
121-14-2	2,4-Dinitrotoluene	346		200	27	27
606-20-2	2,6-Dinitrotoluene	364		200	27	21
117-84-0	Di-n-octyl phthalate	397		50	27	27
206-44-0	Fluoranthene	387		6.6	3.3	3.3
86-73-7	Fluorene	398		6.6	3.3	3.3
118-74-1	Hexachlorobenzene	332		6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	326		50	27	27
77-47-4	Hexachlorocyclopentadiene	288	J	330	27	27
67-72-1	Hexachloroethane	334		50	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	425		6.6	3.3	3.3
78-59-1	Isophorone	439		50	27	13
91-57-6	2-Methylnaphthalene	418		6.6	3.3	3.3
95-48-7	2-Methylphenol	392		200	80	80
15831-10-4	3 & 4 Methylphenol	773		400	80	20
91-20-3	Naphthalene	410		6.6	3.3	3.3
88-74-4	2-Nitroaniline	413		200	27	9.0
99-09-2	3-Nitroaniline	308		200	80	16
100-01-6	4-Nitroaniline	344		200	27	26
98-95-3	Nitrobenzene	347		99	3.3	2.2
88-75-5	2-Nitrophenol	446		50	27	27
100-02-7	4-Nitrophenol	424		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	412		50	27	27
86-30-6	N-Nitrosodiphenylamine	392		50	27	21
87-86-5	Pentachlorophenol	352		150	80	80
85-01-8	Phenanthrene	391		6.6	3.3	3.3
108-95-2	Phenol	422		50	27	27
129-00-0	Pyrene	388		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	336		50	27	27
95-95-4	2,4,5-Trichlorophenol	396		150	27	25
88-06-2	2,4,6-Trichlorophenol	416		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MSD | Lab Sample ID: 240-18544-19 MSD

Matrix: Solid | Lab File ID: 21224008.D

Analysis Method: 8270C/DoD | Date Collected: 12/06/2012 15:27

Extract. Method: 3540C | Date Extracted: 12/18/2012 10:06

Sample wt/vol: 30.17(g) | Date Analyzed: 12/24/2012 11:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69977 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	48		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	50		35-100
4165-62-2	Phenol-d5 (Surr)	62		40-100
1718-51-0	Terphenyl-d14 (Surr)	51		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	58		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224008.D
Lims ID: 240-18544-V-19-F MSD
Client ID: 076SB-0100M-0002-SO
Inject. Date: 24-Dec-2012 11:34:30
Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0016144-008
Misc. Info.: 240-18544-V-19-F MSD
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 8
Lims Batch ID: 69977
Lims Sample ID: 8
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121224-16144.b\8270_hp7.m
Last Update: 26-Dec-2012 13:04:10
Calib Date: 20-Dec-2012 16:55:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK017

First Level Reviewer: gruberj
Date: 24-Dec-2012 12:31:40

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.878	5.873	0.005	97	224528	4.00	
* 2 Naphthalene-d8	136	6.991	6.991	0.0	99	884941	4.00	
* 3 Acenaphthene-d10	164	8.478	8.478	0.0	92	533137	4.00	
* 4 Phenanthrene-d10	188	9.735	9.735	0.0	98	872260	4.00	
* 5 Chrysene-d12	240	12.249	12.254	-0.005	91	911509	4.00	
* 6 Perylene-d12	264	14.292	14.292	0.0	92	739659	4.00	
$ 7 2-Fluorophenol	112	4.670	4.616	0.054	93	671399	9.75	
$ 8 Phenol-d5	99	5.525	5.515	0.010	90	853717	9.31	
$ 9 Nitrobenzene-d5	82	6.360	6.360	0.0	92	490838	5.04	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.895	0.0	99	923872	4.84	
$ 11 2,4,6-Tribromophenol	330	9.141	9.141	0.0	88	156954	8.76	
$ 12 Terphenyl-d14	244	11.077	11.077	0.0	98	945980	5.07	
41 Phenol	94	5.541	5.531	0.010	97	611666	6.37	
44 Bis(2-chloroethyl)ether	93	5.632	5.627	0.005	93	465829	5.00	
46 2-Chlorophenol	128	5.686	5.681	0.006	90	464756	6.12	
47 1,3-Dichlorobenzene	146	5.825	5.825	0.0	95	465382	4.73	
48 1,4-Dichlorobenzene	146	5.894	5.889	0.005	91	489912	5.99	
49 Benzyl alcohol	108	5.991	5.985	0.006	89	300627	6.35	
50 1,2-Dichlorobenzene	146	6.028	6.028	0.0	92	455091	4.83	
51 2-Methylphenol	108	6.082	6.076	0.006	96	408095	5.92	
52 2,2'-oxybis[1-chloropropane]	45	6.108	6.108	0.0	90	642410	4.83	
191 3 & 4 Methylphenol	108	6.210	6.205	0.005	93	863371	11.7	
56 N-Nitrosodi-n-propylamine	70	6.221	6.221	0.0	91	344659	6.22	
60 Hexachloroethane	117	6.328	6.328	0.0	92	194769	5.03	
61 Nitrobenzene	77	6.381	6.376	0.005	91	527801	5.23	
63 Isophorone	82	6.584	6.579	0.005	97	971458	6.62	
65 2-Nitrophenol	139	6.654	6.654	0.0	93	243538	6.72	
64 2,4-Dimethylphenol	107	6.675	6.670	0.005	90	327517	4.35	
69 Benzoic acid	122		6.729					
68 Bis(2-chloroethoxy)methane	93	6.761	6.756	0.005	97	555971	5.05	

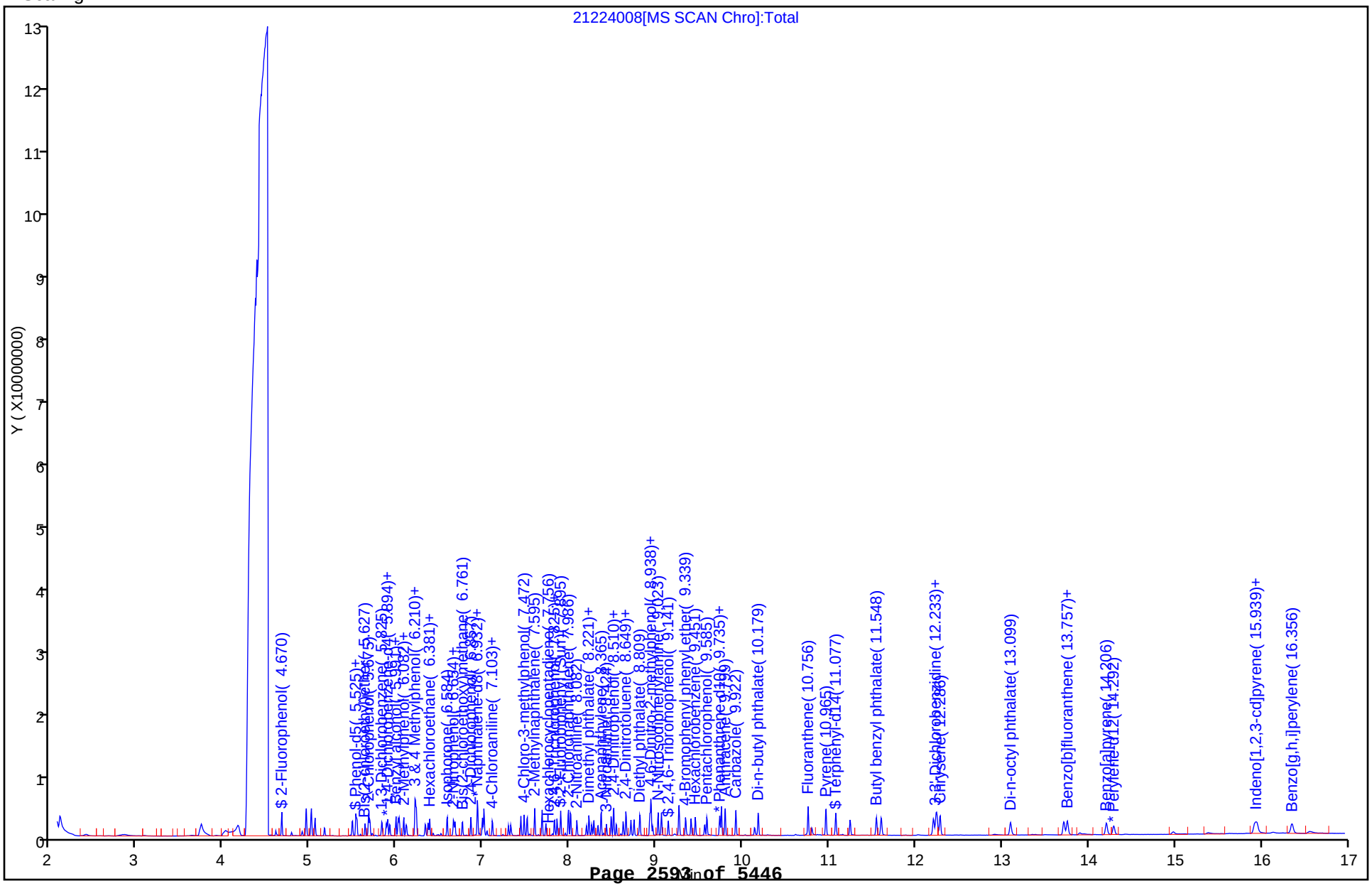
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.857	6.857	0.0	96	365513	6.22	
72 1,2,4-Trichlorobenzene	180	6.937	6.937	0.0	93	399534	5.07	
73 Naphthalene	128	7.007	7.007	0.0	96	1337507	6.18	
74 4-Chloroaniline	127	7.044	7.039	0.005	84	150716	1.65	
77 Hexachlorobutadiene	225	7.103	7.103	0.0	93	210160	4.92	
84 4-Chloro-3-methylphenol	107	7.435	7.435	0.0	96	391446	6.23	
85 2-Methylnaphthalene	142	7.595	7.595	0.0	90	894470	6.30	
88 Hexachlorocyclopentadiene	237	7.724	7.724	0.0	86	195840	4.35	
90 2,4,6-Trichlorophenol	196	7.825	7.825	0.0	88	263138	6.27	
91 2,4,5-Trichlorophenol	196	7.852	7.852	0.0	92	273769	5.98	
98 2-Chloronaphthalene	162	8.012	8.013	-0.001	97	843736	5.06	
100 2-Nitroaniline	65	8.082	8.082	0.0	79	294153	6.24	
103 Dimethyl phthalate	163	8.221	8.221	0.0	98	931331	6.08	
105 2,6-Dinitrotoluene	165	8.280	8.280	0.0	92	210637	5.50	
107 Acenaphthylene	152	8.365	8.366	-0.001	94	1327306	6.06	
108 3-Nitroaniline	138	8.424	8.424	0.0	91	174958	4.64	
110 Acenaphthene	153	8.510	8.510	0.0	91	793956	5.82	
109 2,4-Dinitrophenol	184	8.510	8.510	0.0	46	33278	2.86	
111 4-Nitrophenol	109	8.537	8.542	-0.005	94	144832	6.40	
112 2,4-Dinitrotoluene	165	8.617	8.617	0.0	89	272930	5.22	
114 Dibenzofuran	168	8.649	8.654	-0.005	86	1171663	5.82	
119 Diethyl phthalate	149	8.809	8.809	0.0	96	927864	6.07	
121 4-Chlorophenyl phenyl ether	204	8.927	8.927	0.0	96	445361	4.98	
123 4-Nitroaniline	138	8.938	8.938	0.0	77	193907	5.19	
124 Fluorene	166	8.943	8.943	0.0	82	963048	6.00	
126 4,6-Dinitro-2-methylphenol	198	8.959	8.965	-0.006	76	128671	5.19	
130 N-Nitrosodiphenylamine	169	9.023	9.023	0.0	0	698203	5.91	
137 4-Bromophenyl phenyl ether	248	9.344	9.344	0.0	66	254083	5.02	
139 Hexachlorobenzene	284	9.403	9.403	0.0	88	251885	5.00	
141 Pentachlorophenol	266	9.564	9.564	0.0	89	152987	5.31	
146 Phenanthrene	178	9.756	9.756	0.0	97	1381878	5.90	
147 Anthracene	178	9.799	9.799	0.0	97	1383507	5.92	
149 Carbazole	167	9.922	9.922	0.0	82	1275565	5.70	
151 Di-n-butyl phthalate	149	10.179	10.184	-0.005	100	1583084	6.25	
157 Fluoranthene	202	10.756	10.762	-0.006	98	1499225	5.83	
160 Pyrene	202	10.965	10.965	0.0	96	1545349	5.86	
166 Butyl benzyl phthalate	149	11.548	11.548	0.0	96	670238	6.26	
173 3,3'-Dichlorobenzidine	252	12.190	12.184	0.006	39	39522	0.4563	
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.211	-0.005	96	947380	6.06	
175 Benzo[a]anthracene	228	12.238	12.238	0.0	96	1386147	5.88	
176 Chrysene	228	12.286	12.286	0.0	93	1388266	6.22	
178 Di-n-octyl phthalate	149	13.099	13.099	0.0	99	1499358	5.99	
180 Benzo[b]fluoranthene	252	13.714	13.720	-0.006	91	1269668	5.75	
181 Benzo[k]fluoranthene	252	13.757	13.757	0.0	99	1378467	5.82	
182 Benzo[a]pyrene	252	14.206	14.212	-0.006	74	1154457	5.56	
186 Indeno[1,2,3-cd]pyrene	276	15.923	15.923	0.0	98	1412862	6.41	
187 Dibenz(a,h)anthracene	278	15.950	15.950	0.0	66	1186234	6.33	
188 Benzo[g,h,i]perylene	276	16.356	16.356	0.0	94	1265478	6.56	

Report Date: 26-Dec-2012 13:04:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121224-16144.b\21224008.D		
Injection Date:	24-Dec-2012 11:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	69977	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP7 Start Date: 12/20/2012 13:24

Analysis Batch Number: 69576 End Date: 12/20/2012 17:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-69576/1		12/20/2012 13:24	1	21220001.D	RXI-5SILMS 0.45(mm)
STD5 240-69576/2 IC		12/20/2012 13:47	1	21220002.D	RXI-5SILMS 0.45(mm)
STD4 240-69576/3 IC		12/20/2012 14:11	1	21220003.D	RXI-5SILMS 0.45(mm)
STD3 240-69576/4 IC		12/20/2012 14:34	1	21220004.D	RXI-5SILMS 0.45(mm)
STD2 240-69576/5 IC		12/20/2012 14:58	1	21220005.D	RXI-5SILMS 0.45(mm)
STD1 240-69576/6 IC		12/20/2012 15:21	1	21220006.D	RXI-5SILMS 0.45(mm)
STD9 240-69576/7 IC		12/20/2012 15:45	1	21220007.D	RXI-5SILMS 0.45(mm)
STD8 240-69576/8 IC		12/20/2012 16:08	1	21220008.D	RXI-5SILMS 0.45(mm)
STD7 240-69576/9 IC		12/20/2012 16:32	1	21220009.D	RXI-5SILMS 0.45(mm)
STD6 240-69576/10 ICIS		12/20/2012 16:55	1	21220010.D	RXI-5SILMS 0.45(mm)
ICV 240-69576/12		12/20/2012 17:42	1	21220012.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP7 Start Date: 12/21/2012 10:49

Analysis Batch Number: 69733 End Date: 12/21/2012 21:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-69733/1		12/21/2012 10:49	1	21221001.D	RXI-5SILMS 0.45(mm)
CCV 240-69733/2		12/21/2012 11:10	1		RXI-5SILMS 0.45(mm)
ICV 240-69733/12		12/21/2012 11:34	1	21221012.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 11:59	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 12:23	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 12:47	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 13:10	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 13:33	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 14:20	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 14:44	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 15:07	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 15:31	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 15:54	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 16:18	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 16:41	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 17:05	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 17:28	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 17:52	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 18:15	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 18:39	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 19:02	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 19:26	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 19:50	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/21/2012 20:13	1		RXI-5SILMS 0.45(mm)
mdll1 LODV		12/21/2012 20:37	1		RXI-5SILMS 0.45(mm)
mdll2 LODV		12/21/2012 21:00	1		RXI-5SILMS 0.45(mm)
mdll3 LODV		12/21/2012 21:24	1		RXI-5SILMS 0.45(mm)
mdll4 LODV		12/21/2012 21:47	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP7 Start Date: 12/23/2012 10:41

Analysis Batch Number: 69932 End Date: 12/23/2012 19:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-69932/1		12/23/2012 10:41	1	21223001.D	RXI-5SILMS 0.45(mm)
CCV 240-69932/2		12/23/2012 11:01	1	21223002.D	RXI-5SILMS 0.45(mm)
MRL 240-69932/3		12/23/2012 11:25	1	21223003.D	RXI-5SILMS 0.45(mm)
MB 240-69176/23-A		12/23/2012 11:48	1	21223004.D	RXI-5SILMS 0.45(mm)
LCS 240-69176/24-A		12/23/2012 12:26	1	21223005.D	RXI-5SILMS 0.45(mm)
240-18544-8	076SB-0091M-0001-SO	12/23/2012 12:49	1	21223006.D	RXI-5SILMS 0.45(mm)
240-18544-8 MS	076SB-0091M-0001-SO MS	12/23/2012 13:13	1	21223007.D	RXI-5SILMS 0.45(mm)
240-18544-8 MSD	076SB-0091M-0001-SO MSD	12/23/2012 13:36	1	21223008.D	RXI-5SILMS 0.45(mm)
240-18544-1	072SB-0063-0001-SO	12/23/2012 14:00	1	21223009.D	RXI-5SILMS 0.45(mm)
240-18544-1 MS	072SB-0063-0001-SO MS	12/23/2012 14:23	1	21223010.D	RXI-5SILMS 0.45(mm)
240-18544-1 MSD	072SB-0063-0001-SO MSD	12/23/2012 14:46	1	21223011.D	RXI-5SILMS 0.45(mm)
240-18544-7	076SB-0090M-0001-SO	12/23/2012 15:09	1	21223012.D	RXI-5SILMS 0.45(mm)
240-18544-7 MS	076SB-0090M-0001-SO MS	12/23/2012 15:33	1	21223013.D	RXI-5SILMS 0.45(mm)
240-18544-7 MSD	076SB-0090M-0001-SO MSD	12/23/2012 15:56	1	21223014.D	RXI-5SILMS 0.45(mm)
240-18544-5	072SB-0067-0001-SO	12/23/2012 16:20	4	21223015.D	RXI-5SILMS 0.45(mm)
240-18544-4	072SB-0066-0001-SO	12/23/2012 16:43	1	21223016.D	RXI-5SILMS 0.45(mm)
240-18544-10	076SB-0092-0001-SO	12/23/2012 17:06	1	21223017.D	RXI-5SILMS 0.45(mm)
240-18544-11	076SB-0093-0001-SO	12/23/2012 17:30	1	21223018.D	RXI-5SILMS 0.45(mm)
240-18544-12	076SB-0094-0001-SO	12/23/2012 17:53	1	21223019.D	RXI-5SILMS 0.45(mm)
240-18544-13	076SB-0095-0001-SO	12/23/2012 18:16	1	21223020.D	RXI-5SILMS 0.45(mm)
240-18544-14	076SB-0096-0001-SO	12/23/2012 18:40	1	21223021.D	RXI-5SILMS 0.45(mm)
240-18544-15	076SB-0097-0001-SO	12/23/2012 19:03	1	21223022.D	RXI-5SILMS 0.45(mm)
240-18544-16	076SB-0098-0001-SO	12/23/2012 19:27	1	21223023.D	RXI-5SILMS 0.45(mm)
MRL 240-69932/24		12/23/2012 19:50	1	21223024.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP7 Start Date: 12/24/2012 08:51

Analysis Batch Number: 69977 End Date: 12/24/2012 20:33

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-69977/1		12/24/2012 08:51	1	21224001.D	RXI-5SILMS 0.45(mm)
CCV 240-69977/2		12/24/2012 09:14	1	21224002.D	RXI-5SILMS 0.45(mm)
MRL 240-69977/3		12/24/2012 09:37	1	21224003.D	RXI-5SILMS 0.45(mm)
MB 240-69185/20-A		12/24/2012 10:01	1	21224004.D	RXI-5SILMS 0.45(mm)
LCS 240-69185/21-A		12/24/2012 10:24	1	21224005.D	RXI-5SILMS 0.45(mm)
240-18544-19	076SB-0100M-0001-SO	12/24/2012 10:47	1	21224006.D	RXI-5SILMS 0.45(mm)
240-18544-19 MS	076SB-0100M-0001-SO MS	12/24/2012 11:11	1	21224007.D	RXI-5SILMS 0.45(mm)
240-18544-19 MSD	076SB-0100M-0001-SO MSD	12/24/2012 11:34	1	21224008.D	RXI-5SILMS 0.45(mm)
240-18544-25	076SB-0106M-0001-SO	12/24/2012 11:57	1	21224009.D	RXI-5SILMS 0.45(mm)
240-18544-24	076SB-0105M-0001-SO	12/24/2012 12:21	1	21224010.D	RXI-5SILMS 0.45(mm)
240-18544-23	076SB-0104M-0001-SO	12/24/2012 12:44	1	21224011.D	RXI-5SILMS 0.45(mm)
240-18544-22	076SB-0103M-0001-SO	12/24/2012 13:07	1	21224012.D	RXI-5SILMS 0.45(mm)
240-18544-21	076SB-0102M-0001-SO	12/24/2012 13:31	1	21224013.D	RXI-5SILMS 0.45(mm)
240-18544-20	076SB-0101M-0001-SO	12/24/2012 13:54	1	21224014.D	RXI-5SILMS 0.45(mm)
240-18544-27	076SB-0108M-0001-SO	12/24/2012 14:18	1	21224015.D	RXI-5SILMS 0.45(mm)
240-18544-26	076SB-0107M-0001-SO	12/24/2012 14:41	1	21224016.D	RXI-5SILMS 0.45(mm)
240-18544-28	076SB-0109M-0001-SO	12/24/2012 15:04	1	21224017.D	RXI-5SILMS 0.45(mm)
240-18544-34	076SB-0115M-0001-SO	12/24/2012 15:28	1	21224018.D	RXI-5SILMS 0.45(mm)
240-18544-33	076SB-0114M-0001-SO	12/24/2012 15:51	1	21224019.D	RXI-5SILMS 0.45(mm)
240-18544-18	076SB-0078-0001-SO	12/24/2012 16:15	1	21224020.D	RXI-5SILMS 0.45(mm)
240-18544-30	076SB-0111M-0001-SO	12/24/2012 16:38	1	21224021.D	RXI-5SILMS 0.45(mm)
240-18544-29	076SB-0110M-0001-SO	12/24/2012 17:01	1	21224022.D	RXI-5SILMS 0.45(mm)
240-18544-17	076SB-0099-0001-SO	12/24/2012 17:25	1	21224023.D	RXI-5SILMS 0.45(mm)
240-18544-2	072SB-0064-0001-SO	12/24/2012 17:48	1	21224024.D	RXI-5SILMS 0.45(mm)
240-18544-3	072SB-0065-0001-SO	12/24/2012 18:12	1	21224025.D	RXI-5SILMS 0.45(mm)
240-18544-6	072SB-0068-0001-SO	12/24/2012 18:35	1	21224026.D	RXI-5SILMS 0.45(mm)
MRL 240-69977/27		12/24/2012 18:59	1	21224027.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/24/2012 19:22	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/24/2012 19:46	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/24/2012 20:09	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/24/2012 20:33	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP7 Start Date: 12/26/2012 08:52

Analysis Batch Number: 70078 End Date: 12/26/2012 14:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-70078/1		12/26/2012 08:52	1	21226001.D	RXI-5SILMS 0.45(mm)
CCV 240-70078/2		12/26/2012 09:15	1	21226002.D	RXI-5SILMS 0.45(mm)
MRL 240-70078/3		12/26/2012 09:38	1	21226003.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/26/2012 10:01	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/26/2012 10:25	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/26/2012 11:35	10		RXI-5SILMS 0.45(mm)
ZZZZZ		12/26/2012 11:58	10		RXI-5SILMS 0.45(mm)
ZZZZZ		12/26/2012 12:21	10		RXI-5SILMS 0.45(mm)
ZZZZZ		12/26/2012 12:45	4		RXI-5SILMS 0.45(mm)
ZZZZZ		12/26/2012 13:08	4		RXI-5SILMS 0.45(mm)
ZZZZZ		12/26/2012 13:32	10		RXI-5SILMS 0.45(mm)
240-18544-32	076SB-0113M-0001-SO	12/26/2012 13:55	20	21226014.D	RXI-5SILMS 0.45(mm)
240-18544-31	076SB-0112M-0001-SO	12/26/2012 14:18	20	21226015.D	RXI-5SILMS 0.45(mm)
MRL 240-70078/16		12/26/2012 14:42	1	21226016.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/21/2012 13:19

Analysis Batch Number: 69820 End Date: 12/21/2012 20:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-69820/1		12/21/2012 13:19	1	21221001.D	RXI-5SILMS 0.45(mm)
STD5 240-69820/2 IC		12/21/2012 13:40	1	21221002.D	RXI-5SILMS 0.45(mm)
STD4 240-69820/3 IC		12/21/2012 14:05	1	21221003.D	RXI-5SILMS 0.45(mm)
STD3 240-69820/4 IC		12/21/2012 14:29	1	21221004.D	RXI-5SILMS 0.45(mm)
STD2 240-69820/5 IC		12/21/2012 14:55	1	21221005.D	RXI-5SILMS 0.45(mm)
STD1 240-69820/6 IC		12/21/2012 15:20	1	21221006.D	RXI-5SILMS 0.45(mm)
STD9 240-69820/7 IC		12/21/2012 15:44	1	21221007.D	RXI-5SILMS 0.45(mm)
STD8 240-69820/8 IC		12/21/2012 16:09	1	21221008.D	RXI-5SILMS 0.45(mm)
STD7 240-69820/9 IC		12/21/2012 16:34	1	21221009.D	RXI-5SILMS 0.45(mm)
STD6 240-69820/10 ICIS		12/21/2012 16:59	1	21221010.D	RXI-5SILMS 0.45(mm)
STD5 240-69820/12 IC		12/21/2012 17:50	1		RXI-5SILMS 0.45(mm)
STD4 240-69820/13 IC		12/21/2012 18:15	1		RXI-5SILMS 0.45(mm)
STD3 240-69820/14 IC		12/21/2012 18:40	1		RXI-5SILMS 0.45(mm)
STD2 240-69820/15 IC		12/21/2012 19:05	1		RXI-5SILMS 0.45(mm)
STD6 240-69820/16 IC		12/21/2012 19:30	1		RXI-5SILMS 0.45(mm)
STD7 240-69820/17 IC		12/21/2012 19:55	1		RXI-5SILMS 0.45(mm)
STD8 240-69820/18 IC		12/21/2012 20:20	1		RXI-5SILMS 0.45(mm)
STD9 240-69820/19 IC		12/21/2012 20:45	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/22/2012 11:45

Analysis Batch Number: 69908 End Date: 12/22/2012 20:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-69908/1		12/22/2012 11:45	1	21222001.D	RXI-5SILMS 0.45(mm)
CCV 240-69908/2		12/22/2012 12:06	1		RXI-5SILMS 0.45(mm)
ICV 240-69908/3		12/22/2012 12:30	1	21222003.D	RXI-5SILMS 0.45(mm)
CCV 240-69908/15		12/22/2012 13:08	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/22/2012 13:33	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/22/2012 13:58	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/22/2012 14:23	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/22/2012 14:48	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/22/2012 16:52	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/22/2012 17:17	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/22/2012 17:42	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/22/2012 18:07	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/22/2012 18:31	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/22/2012 18:56	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/22/2012 19:21	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/22/2012 19:46	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/22/2012 20:11	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/22/2012 20:36	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/29/2012 11:01

Analysis Batch Number: 70566 End Date: 12/29/2012 18:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-70566/1		12/29/2012 11:01	1	21229001.D	RXI-5SILMS 0.45(mm)
CCV 240-70566/2		12/29/2012 11:25	1	21229002.D	RXI-5SILMS 0.45(mm)
MRL 240-70566/3		12/29/2012 11:50	1	21229003.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/29/2012 12:15	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/29/2012 12:39	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/29/2012 13:03	1		RXI-5SILMS 0.45(mm)
LCS 240-70267/24-A		12/29/2012 14:18	1	21229007.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/29/2012 15:32	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/29/2012 15:56	1		RXI-5SILMS 0.45(mm)
240-18544-25 RE	076SB-0106M-0001-SO RE	12/29/2012 16:20	1	21229012.D	RXI-5SILMS 0.45(mm)
MRL 240-70566/13		12/29/2012 16:45	1	21229013.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		12/29/2012 17:09	1	21229014.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		12/29/2012 17:34	1	21229015.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		12/29/2012 17:58	1	21229016.D	RXI-5SILMS 0.45(mm)
mdll4 LODV		12/29/2012 18:23	1	21229017.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A4HP9 Start Date: 01/02/2013 08:18

Analysis Batch Number: 70814 End Date: 01/02/2013 13:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-70814/1		01/02/2013 08:18	1	30102001.D	RXI-5SILMS 0.45(mm)
CCV 240-70814/2		01/02/2013 08:42	1	30102002.D	RXI-5SILMS 0.45(mm)
STD5 240-70814/3 IC		01/02/2013 09:06	1		RXI-5SILMS 0.45(mm)
STD4 240-70814/4 IC		01/02/2013 09:30	1		RXI-5SILMS 0.45(mm)
STD3 240-70814/5 IC		01/02/2013 09:55	1		RXI-5SILMS 0.45(mm)
STD2 240-70814/6 IC		01/02/2013 10:19	1		RXI-5SILMS 0.45(mm)
STD6 240-70814/7 IC		01/02/2013 10:42	1		RXI-5SILMS 0.45(mm)
STD7 240-70814/8 IC		01/02/2013 11:06	1		RXI-5SILMS 0.45(mm)
STD8 240-70814/9 IC		01/02/2013 11:30	1		RXI-5SILMS 0.45(mm)
STD9 240-70814/10 IC		01/02/2013 11:55	1		RXI-5SILMS 0.45(mm)
MRL 240-70814/11		01/02/2013 12:18	1	30102011.D	RXI-5SILMS 0.45(mm)
MB 240-70267/23-A		01/02/2013 12:45	1	30102012.D	RXI-5SILMS 0.45(mm)
MRL 240-70814/13		01/02/2013 13:09	1	30102013.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 69176 Batch Start Date: 12/18/12 16:20 Batch Analyst: Matthews, Brandon

Batch Method: 3540C Batch End Date: 12/19/12 08:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00031	EXBNASURRW 00021	EXRESTEKSPKW 00017	
240-18544-U-1	072SB-0063-0001-SO	3540C, 8270C/DoD	T	29.75 g	2 mL		1 mL		
240-18544-U-1 MS	072SB-0063-0001-SO	3540C, 8270C/DoD	T	30.20 g	2 mL	1 mL	1 mL	1 mL	
240-18544-U-1 MSD	072SB-0063-0001-SO	3540C, 8270C/DoD	T	30.38 g	2 mL	1 mL	1 mL	1 mL	
240-18544-H-2	072SB-0064-0001-SO	3540C, 8270C/DoD	T	30.02 g	2 mL		1 mL		
240-18544-H-3	072SB-0065-0001-SO	3540C, 8270C/DoD	T	30.19 g	2 mL		1 mL		
240-18544-H-4	072SB-0066-0001-SO	3540C, 8270C/DoD	T	29.76 g	2 mL		1 mL		
240-18544-H-5	072SB-0067-0001-SO	3540C, 8270C/DoD	T	30.15 g	2 mL		1 mL		
240-18544-H-6	072SB-0068-0001-SO	3540C, 8270C/DoD	T	30.42 g	2 mL		1 mL		
240-18544-L-7-A	076SB-0090M-0001-SO	3540C, 8270C/DoD	T	30.13 g	2 mL		1 mL		
240-18544-L-7-B MS	076SB-0090M-0001-SO	3540C, 8270C/DoD	T	30.20 g	2 mL	1 mL	1 mL	1 mL	
240-18544-L-7-C MSD	076SB-0090M-0001-SO	3540C, 8270C/DoD	T	30.35 g	2 mL	1 mL	1 mL	1 mL	
240-18544-M-8-A	076SB-0091M-0001-SO	3540C, 8270C/DoD	T	30.12 g	2 mL		1 mL		
240-18544-M-8-B MS	076SB-0091M-0001-SO	3540C, 8270C/DoD	T	30.03 g	2 mL	1 mL	1 mL	1 mL	
240-18544-M-8-C MSD	076SB-0091M-0001-SO	3540C, 8270C/DoD	T	30.00 g	2 mL	1 mL	1 mL	1 mL	
240-18544-E-10-A	076SB-0092-0001-SO	3540C, 8270C/DoD	T	30.40 g	2 mL		1 mL		
240-18544-E-11-A	076SB-0093-0001-SO	3540C, 8270C/DoD	T	30.07 g	2 mL		1 mL		
240-18544-E-12-A	076SB-0094-0001-SO	3540C, 8270C/DoD	T	30.29 g	2 mL		1 mL		
240-18544-E-13-A	076SB-0095-0001-SO	3540C, 8270C/DoD	T	29.97 g	2 mL		1 mL		
240-18544-E-14-A	076SB-0096-0001-SO	3540C, 8270C/DoD	T	29.89 g	2 mL		1 mL		
240-18544-E-15-A	076SB-0097-0001-SO	3540C, 8270C/DoD	T	30.17 g	2 mL		1 mL		
240-18544-E-16-A	076SB-0098-0001-SO	3540C, 8270C/DoD	T	30.14 g	2 mL		1 mL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 69176 Batch Start Date: 12/18/12 16:20 Batch Analyst: Matthews, Brandon

Batch Method: 3540C Batch End Date: 12/19/12 08:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00031	EXBNASURRW 00021	EXRESTEKSPKW 00017	
240-18544-E-17-A	076SB-0099-0001-SO	3540C, 8270C/DoD	T	29.62 g	2 mL		1 mL		
MB 240-69176/23		3540C, 8270C/DoD		30 g	2 mL		1 mL		
LCS 240-69176/24		3540C, 8270C/DoD		30 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	b-036
Person's name who did the concentration	bm/ac
Na2SO4 Lot Number	677237
Prep Solvent Lot #	785980

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 69185 Batch Start Date: 12/18/12 16:20 Batch Analyst: Matthews, Brandon

Batch Method: 3540C Batch End Date: 12/19/12 08:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00031	EXBNASURRW 00021	EXRESTEKSPKW 00017	
240-18544-H-18	076SB-0078-0001-SO	3540C, 8270C/DoD	T	29.67 g	2 mL		1 mL		
240-18544-U-19-A	076SB-0100M-0001-SO	3540C, 8270C/DoD	T	29.77 g	2 mL		1 mL		
240-18544-V-19-A MS	076SB-0100M-0001-SO	3540C, 8270C/DoD	T	30.32 g	2 mL	1 mL	1 mL	1 mL	
240-18544-V-19-B MSD	076SB-0100M-0001-SO	3540C, 8270C/DoD	T	30.17 g	2 mL	1 mL	1 mL	1 mL	
240-18544-E-20-A	076SB-0101M-0001-SO	3540C, 8270C/DoD	T	29.82 g	2 mL		1 mL		
240-18544-E-21-A	076SB-0102M-0001-SO	3540C, 8270C/DoD	T	29.76 g	2 mL		1 mL		
240-18544-E-22-A	076SB-0103M-0001-SO	3540C, 8270C/DoD	T	30.14 g	2 mL		1 mL		
240-18544-E-23-A	076SB-0104M-0001-SO	3540C, 8270C/DoD	T	29.85 g	2 mL		1 mL		
240-18544-E-24-A	076SB-0105M-0001-SO	3540C, 8270C/DoD	T	30.30 g	2 mL		1 mL		
240-18544-E-25-A	076SB-0106M-0001-SO	3540C, 8270C/DoD	T	30.28 g	2 mL		1 mL		
240-18544-E-26-A	076SB-0107M-0001-SO	3540C, 8270C/DoD	T	30.03 g	2 mL		1 mL		
240-18544-E-27-A	076SB-0108M-0001-SO	3540C, 8270C/DoD	T	30.06 g	2 mL		1 mL		
240-18544-E-28-A	076SB-0109M-0001-SO	3540C, 8270C/DoD	T	29.78 g	2 mL		1 mL		
240-18544-E-29-A	076SB-0110M-0001-SO	3540C, 8270C/DoD	T	30.16 g	2 mL		1 mL		
240-18544-E-30-A	076SB-0111M-0001-SO	3540C, 8270C/DoD	T	30.12 g	2 mL		1 mL		
240-18544-E-31-A	076SB-0112M-0001-SO	3540C, 8270C/DoD	T	30.42 g	2 mL		1 mL		
240-18544-E-32-A	076SB-0113M-0001-SO	3540C, 8270C/DoD	T	30.11 g	2 mL		1 mL		
240-18544-E-33-A	076SB-0114M-0001-SO	3540C, 8270C/DoD	T	29.78 g	2 mL		1 mL		
240-18544-E-34-A	076SB-0115M-0001-SO	3540C, 8270C/DoD	T	30.43 g	2 mL		1 mL		
MB 240-69185/20		3540C, 8270C/DoD		30 g	2 mL		1 mL		
LCS 240-69185/21		3540C, 8270C/DoD		30 g	2 mL	1 mL	1 mL	1 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 69185 Batch Start Date: 12/18/12 16:20 Batch Analyst: Matthews, Brandon

Batch Method: 3540C Batch End Date: 12/19/12 08:20

Batch Notes	
Balance ID	b-036
Person's name who did the concentration	bm/ac
Na2SO4 Lot Number	677237
Prep Solvent Lot #	785980

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 70267 Batch Start Date: 12/27/12 15:30 Batch Analyst: Earle, Steve

Batch Method: 3540C Batch End Date: 12/28/12 07:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00031	EXBNASURRW 00021	EXRESTEKSPKW 00017	
240-18544-E-25-A	076SB-0106M-0001-SO	3540C, 8270C/DoD	T	30.23 g	2 mL		1 mL		
MB 240-70267/23		3540C, 8270C/DoD		30.00 g	2 mL		1 mL		
LCS 240-70267/24		3540C, 8270C/DoD		30.00 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	b036
Na2SO4 Lot Number	677237
Prep Solvent Lot #	807291

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8015B - GRO

Gasoline Range Organics (GC) by Method 8015B

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
072SB-0063-0001-SO	240-18544-1	83
072SB-0064-0001-SO	240-18544-2	74
072SB-0065-0001-SO	240-18544-3	80
072SB-0066-0001-SO	240-18544-4	78
072SB-0068-0001-SO	240-18544-6	76
076SB-0078-0001-SO	240-18544-18	71
	MB 240-69142/42	80
	MB 240-69540/10	77
	LCS 240-69142/43	88
	LCS 240-69540/8	88
072SB-0063-0001-SO MS	240-18544-1 MS	87
072SB-0063-0001-SO MSD	240-18544-1 MSD	86

	QC LIMITS
TFT = Trifluorotoluene (Surr)	10-150

Column to be used to flag recovery values

FORM II 8015B

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
	MRL 240-69142/32	80
	MRL 240-69142/55	75
	MRL 240-69540/6	78
	MRL 240-69540/23	78

	QC LIMITS
TFT = Trifluorotoluene (Surr)	70-130

Column to be used to flag recovery values

FORM II 8015B

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
072SB-0067-0001-SO	240-18544-5	76
	MB 240-69008/1-A	79
	LCS 240-69008/2-A	93

	QC LIMITS
TFT = Trifluorotoluene (Surr)	10-150

Column to be used to flag recovery values

FORM II 8015B

FORM III
GASOLINE RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: YF122020.D

Lab ID: LCS 240-69008/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
C6-C12	40000	44900	112	60-142	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF121843.D

Lab ID: LCS 240-69142/43 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
C6-C12	800	1030	129	60-142	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF122008.D

Lab ID: LCS 240-69540/8 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
C6-C12	800	971	121	60-142	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF121832.D

Lab ID: MRL 240-69142/32 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	114	114	70-130	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF121855.D

Lab ID: MRL 240-69142/55 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	204	204	70-130	^

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF122006.D

Lab ID: MRL 240-69540/6 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	90.2 J	90	70-130	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF122023.D

Lab ID: MRL 240-69540/23 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	96.4 J	96	70-130	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF121845.D

Lab ID: 240-18544-1 MS Client ID: 072SB-0063-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
C6-C12	720	44 U	624	87	10-142	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF121846.D

Lab ID: 240-18544-1 MSD Client ID: 072SB-0063-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
C6-C12	720	614	85	2	94	10-142	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM IV
GASOLINE RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: MB 240-69142/42

Matrix: Solid Date Extracted:

Lab File ID:(1) YF121842.D Lab File ID:(2)

Date Analyzed:(1) 12/19/2012 11:03 Date Analyzed:(2)

Instrument ID:(1) YPID Instrument ID:(2)

GC Column:(1) RTX-VRX ID: 0.45(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-69142/43	12/19/2012 11:41	
072SB-0063-0001-SO	240-18544-1	12/19/2012 12:19	
072SB-0063-0001-SO MS	240-18544-1 MS	12/19/2012 12:57	
072SB-0063-0001-SO MSD	240-18544-1 MSD	12/19/2012 13:35	
072SB-0064-0001-SO	240-18544-2	12/19/2012 14:13	
072SB-0065-0001-SO	240-18544-3	12/19/2012 14:51	
072SB-0066-0001-SO	240-18544-4	12/19/2012 15:29	

FORM IV
GASOLINE RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: MB 240-69540/10

Matrix: Solid Date Extracted:

Lab File ID:(1) YF122010.D Lab File ID:(2)

Date Analyzed:(1) 12/20/2012 15:08 Date Analyzed:(2)

Instrument ID:(1) YPID Instrument ID:(2)

GC Column:(1) RTX-VRX ID: 0.45(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-69540/8	12/20/2012 13:51	
072SB-0068-0001-SO	240-18544-6	12/20/2012 20:02	
076SB-0078-0001-SO	240-18544-18	12/20/2012 20:42	

FORM IV
GASOLINE RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: MB 240-69008/1-A

Matrix: Solid Date Extracted: 12/17/2012 12:29

Lab File ID:(1) YF122019.D Lab File ID:(2)

Date Analyzed:(1) 12/20/2012 21:21 Date Analyzed:(2)

Instrument ID:(1) YPID Instrument ID:(2)

GC Column:(1) RTX-VRX ID: 0.45(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-69008/2-A	12/20/2012 21:59	
072SB-0067-0001-SO	240-18544-5	12/20/2012 22:37	

FORM VIII
GASOLINE RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: CCV 240-69142/5 Date Analyzed: 12/18/2012 11:39

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): YF121805.D Heated Purge: (Y/N) N

Calibration ID: 10675

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.76		
UPPER LIMIT				9.86		
LOWER LIMIT				9.66		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-69142/5 CCVRT		12/18/2012 11:39	YF121805.D	9.76		
CCV 240-69142/41		12/19/2012 10:25	YF121841.D	9.76		
MB 240-69142/42		12/19/2012 11:03	YF121842.D	9.75		
LCS 240-69142/43		12/19/2012 11:41	YF121843.D	9.76		
240-18544-1	072SB-0063-0001-SO	12/19/2012 12:19	YF121844.D	9.75		
240-18544-1 MS	072SB-0063-0001-SO MS	12/19/2012 12:57	YF121845.D	9.76		
240-18544-1 MSD	072SB-0063-0001-SO MSD	12/19/2012 13:35	YF121846.D	9.76		
240-18544-2	072SB-0064-0001-SO	12/19/2012 14:13	YF121847.D	9.76		
240-18544-3	072SB-0065-0001-SO	12/19/2012 14:51	YF121848.D	9.75		
240-18544-4	072SB-0066-0001-SO	12/19/2012 15:29	YF121849.D	9.76		
CCV 240-69142/52		12/19/2012 18:07	YF121852.D	9.76		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015B

FORM VIII
GASOLINE RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: CCV 240-69540/5 Date Analyzed: 12/20/2012 11:57

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): YF122005.D Heated Purge: (Y/N) N

Calibration ID: 10675

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.76		
UPPER LIMIT				9.86		
LOWER LIMIT				9.66		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-69540/5 CCVRT		12/20/2012 11:57	YF122005.D	9.76		
LCS 240-69540/8		12/20/2012 13:51	YF122008.D	9.76		
MB 240-69540/10		12/20/2012 15:08	YF122010.D	9.76		
CCV 240-69540/16		12/20/2012 19:24	YF122016.D	9.76		
240-18544-6	072SB-0068-0001-SO	12/20/2012 20:02	YF122017.D	9.76		
240-18544-18	076SB-0078-0001-SO	12/20/2012 20:42	YF122018.D	9.75		
MB 240-69008/1-A		12/20/2012 21:21	YF122019.D	9.76		
LCS 240-69008/2-A		12/20/2012 21:59	YF122020.D	9.76		
240-18544-5	072SB-0067-0001-SO	12/20/2012 22:37	YF122021.D	9.76		
CCV 240-69540/22		12/20/2012 23:16	YF122022.D	9.76		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015B

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO Lab Sample ID: 240-18544-1

Matrix: Solid Lab File ID: YF121844.D

Analysis Method: 8015B Date Collected: 12/06/2012 09:22

Sample wt/vol: 6.425(g) Date Analyzed: 12/19/2012 12:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 11.2 Level: (low/med) Low

Analysis Batch No.: 69142 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	44	U	88	44	40

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	83		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121844.D
Lims ID: 240-18544-B-1-E
Client ID: 072SB-0063-0001-SO
Inject. Date: 19-Dec-2012 12:19:14
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015951-044
Misc. Info.:
Operator: 1765
Instrument ID: YPID
Purge Vol: 5.000 mL
ALS Bottle#: 1
Lims Batch ID: 69142
Lims Sample ID: 44
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121218-15951.b\Y80158021.m
Last Update: 21-Dec-2012 14:11:26
Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK009

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.140	5.139	0.001	7270	0	
12 Methyl tert-butyl ether	2	5.169	5.208	-0.039	7928	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.753	9.756	-0.003	1280206	8.33	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.830	4.866 -	18.794	5164173	38.0	
8 Toluene	1		11.964				1
A 1 C6-C12	2		4.966 -	22.011			
A 11 GRO	2	13.655	4.996 -	22.314	12286947	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.740	21.747	-0.007	52437	0	
9 Naphthalene	2	22.062	22.060	0.002	130364	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

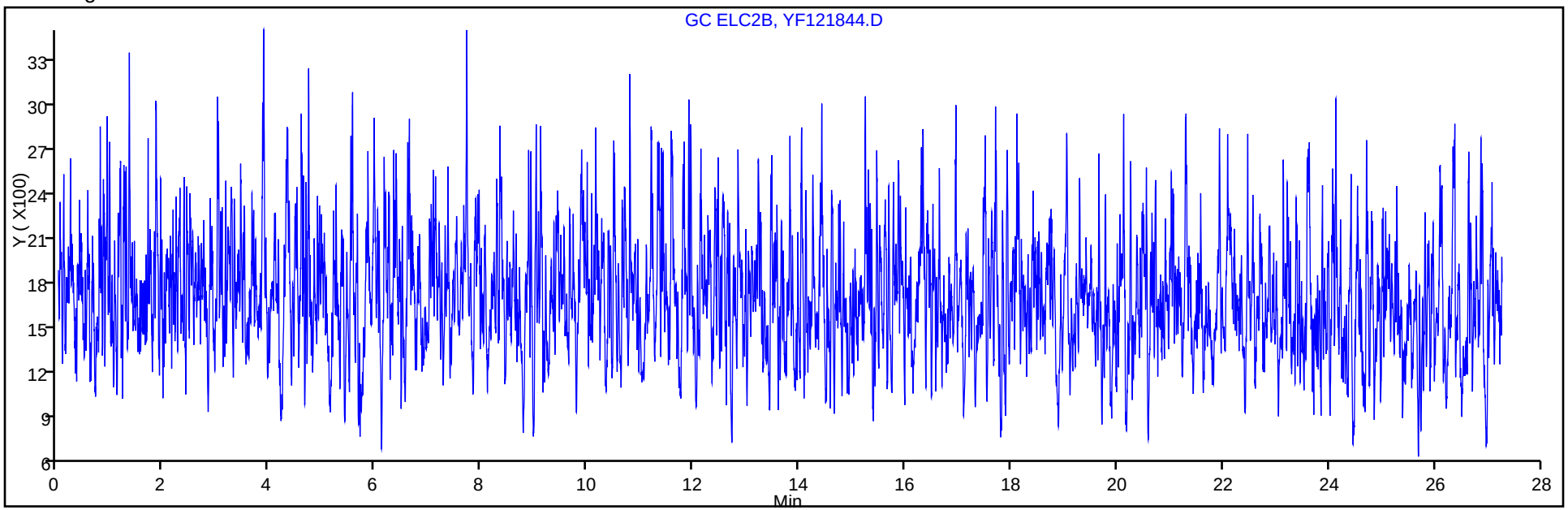
Report Date: 21-Dec-2012 14:11:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

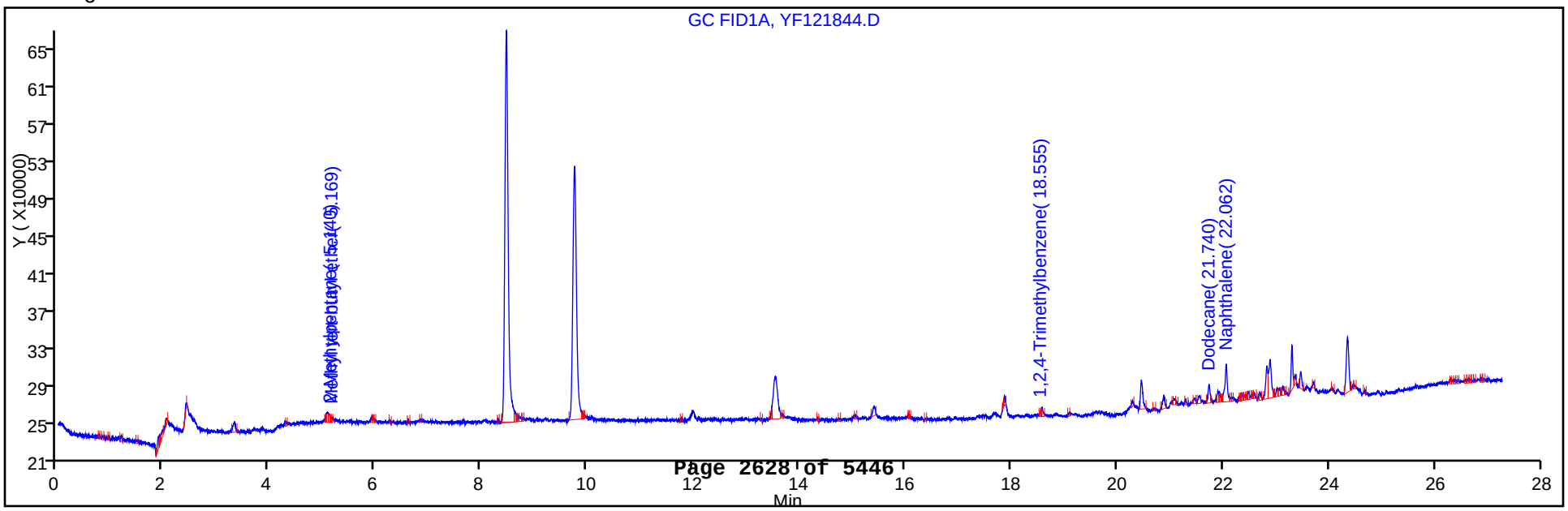
Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121844.D

Injection Date:	19-Dec-2012 12:19:14	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0063-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69142	Lims Sample ID:	44
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0064-0001-SO Lab Sample ID: 240-18544-2

Matrix: Solid Lab File ID: YF121847.D

Analysis Method: 8015B Date Collected: 12/06/2012 09:22

Sample wt/vol: 6.703(g) Date Analyzed: 12/19/2012 14:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 10.3 Level: (low/med) Low

Analysis Batch No.: 69142 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	42	U	83	42	38

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	74		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121218-15951.b\YF121847.D		
Lims ID:	240-18544-B-2-C	Client ID:	072SB-0064-0001-SO
Inject. Date:	19-Dec-2012 14:13:42	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015951-047		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69142	Lims Sample ID:	47
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121218-15951.b\Y80158021.m		
Last Update:	21-Dec-2012 14:11:26	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK009		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.756	9.756	0.0	1134849	7.38	
A 1 C6-C12	2		4.966 -	22.011			

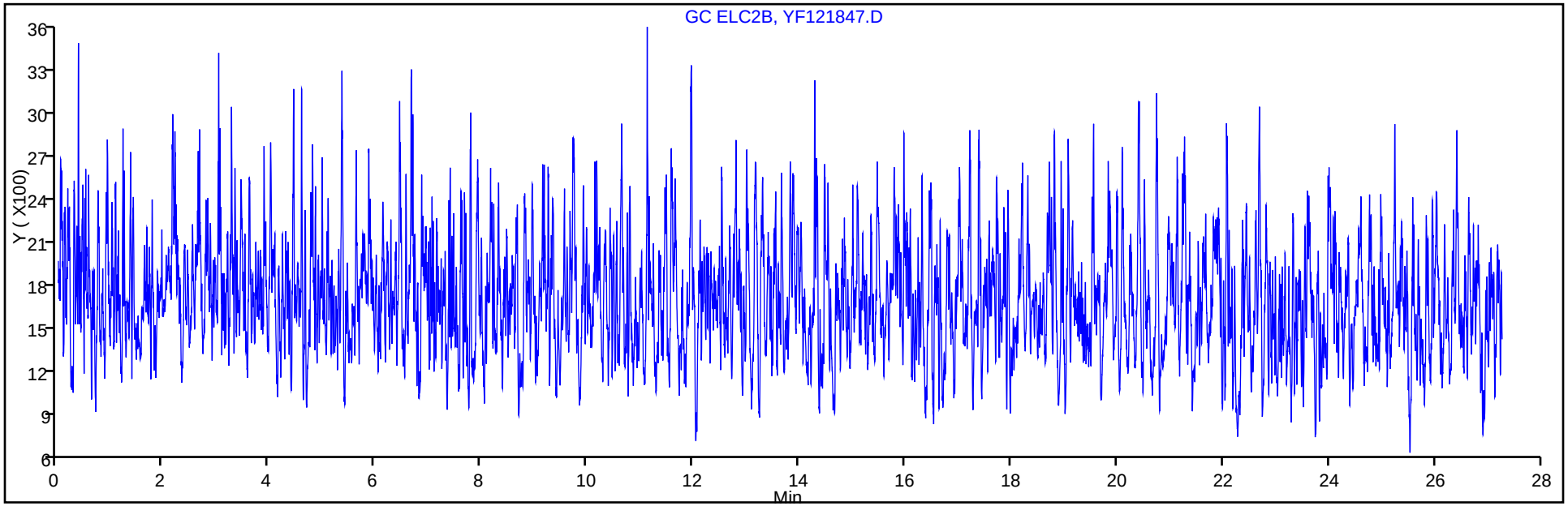
Report Date: 21-Dec-2012 14:11:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

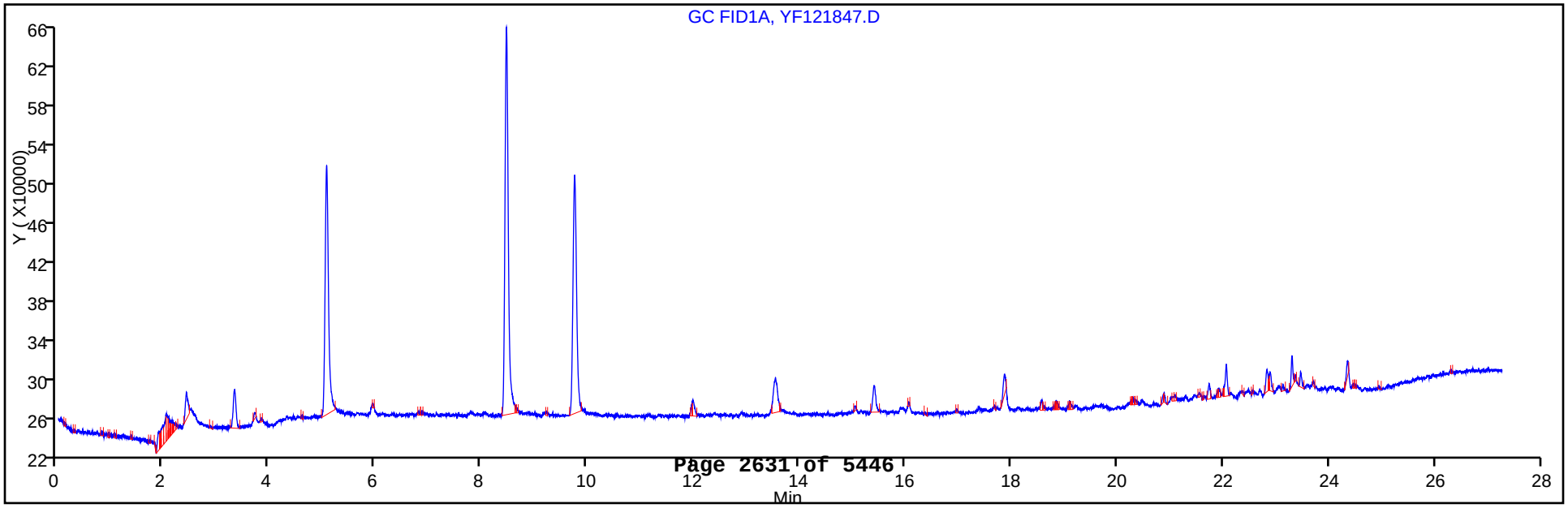
Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121847.D

Injection Date:	19-Dec-2012 14:13:42	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0064-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69142	Lims Sample ID:	47
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0065-0001-SO Lab Sample ID: 240-18544-3

Matrix: Solid Lab File ID: YF121848.D

Analysis Method: 8015B Date Collected: 12/06/2012 09:57

Sample wt/vol: 6.167(g) Date Analyzed: 12/19/2012 14:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 11.0 Level: (low/med) Low

Analysis Batch No.: 69142 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	46	U	91	46	42

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	80		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121218-15951.b\YF121848.D		
Lims ID:	240-18544-B-3-C	Client ID:	072SB-0065-0001-SO
Inject. Date:	19-Dec-2012 14:51:33	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015951-048		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69142	Lims Sample ID:	48
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121218-15951.b\Y80158021.m		
Last Update:	21-Dec-2012 14:11:26	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK009		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.753	9.756	-0.003	1230657	8.01	
A 1 C6-C12	2		4.966 -	22.011			

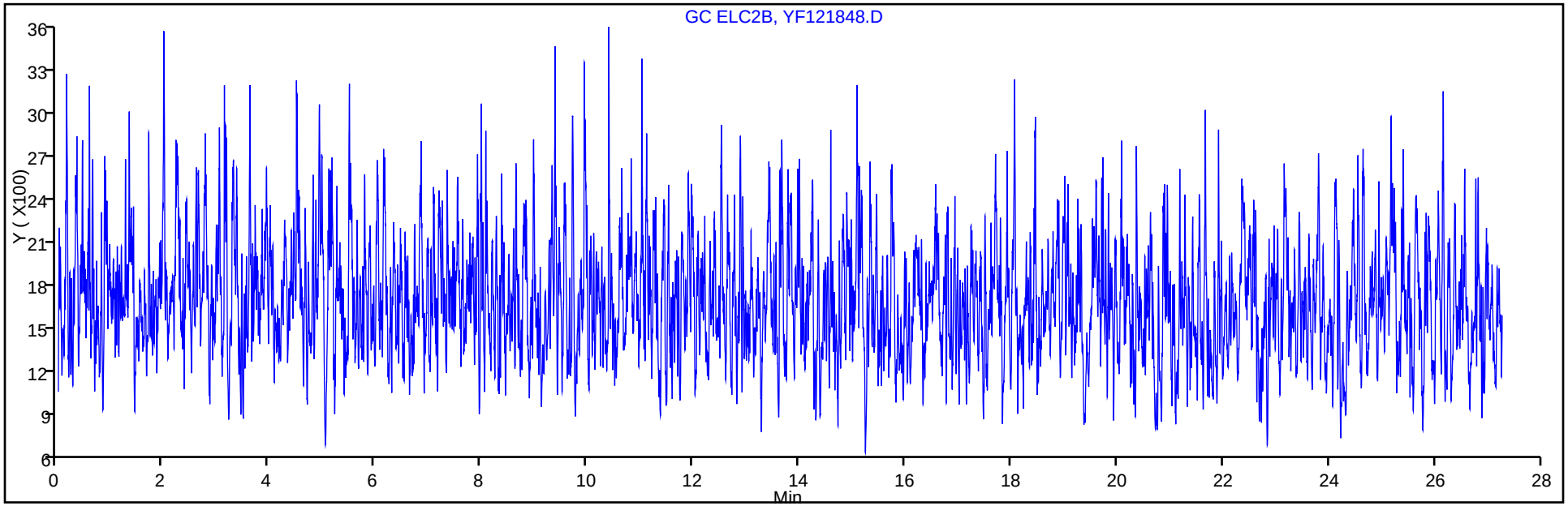
Report Date: 21-Dec-2012 14:11:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

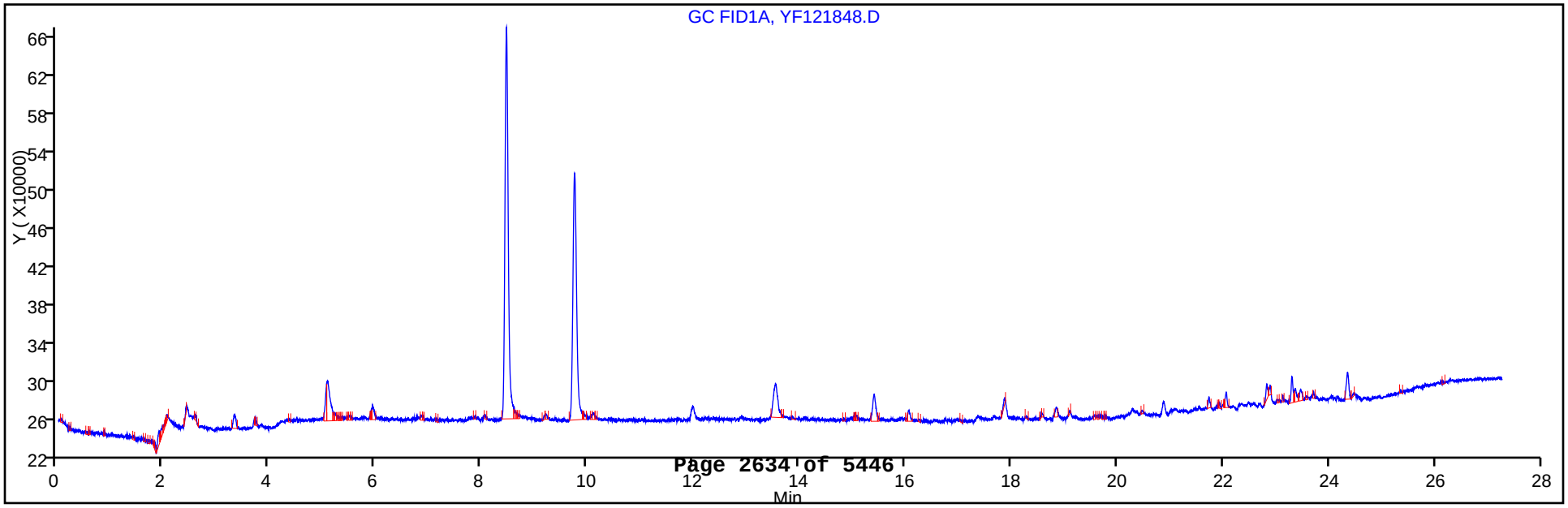
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Injection Date:	19-Dec-2012 14:51:33	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0065-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69142	Lims Sample ID:	48
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0066-0001-SO Lab Sample ID: 240-18544-4

Matrix: Solid Lab File ID: YF121849.D

Analysis Method: 8015B Date Collected: 12/06/2012 10:12

Sample wt/vol: 6.699(g) Date Analyzed: 12/19/2012 15:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 11.4 Level: (low/med) Low

Analysis Batch No.: 69142 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	42	U	84	42	39

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	78		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121218-15951.b\YF121849.D		
Lims ID:	240-18544-B-4-C	Client ID:	072SB-0066-0001-SO
Inject. Date:	19-Dec-2012 15:29:27	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015951-049		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69142	Lims Sample ID:	49
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121218-15951.b\Y80158021.m		
Last Update:	21-Dec-2012 14:11:26	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK009		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.755	9.756	-0.001	1195543	7.78	
A 1 C6-C12	2		4.966 -	22.011			

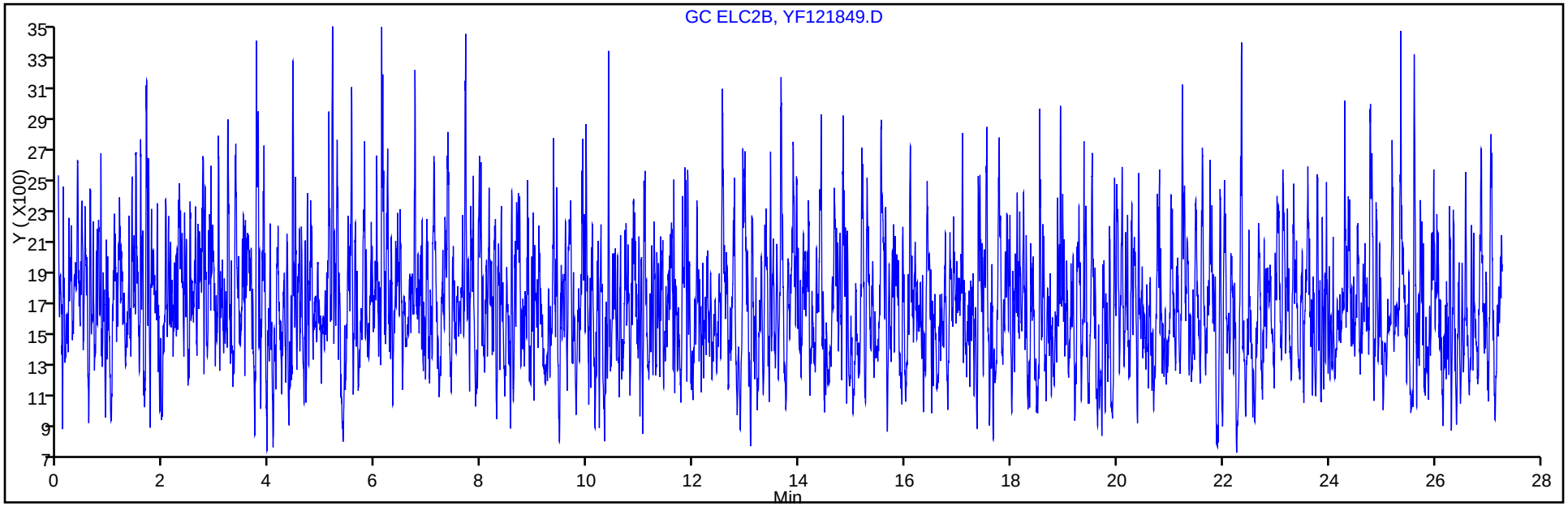
Report Date: 21-Dec-2012 14:11:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

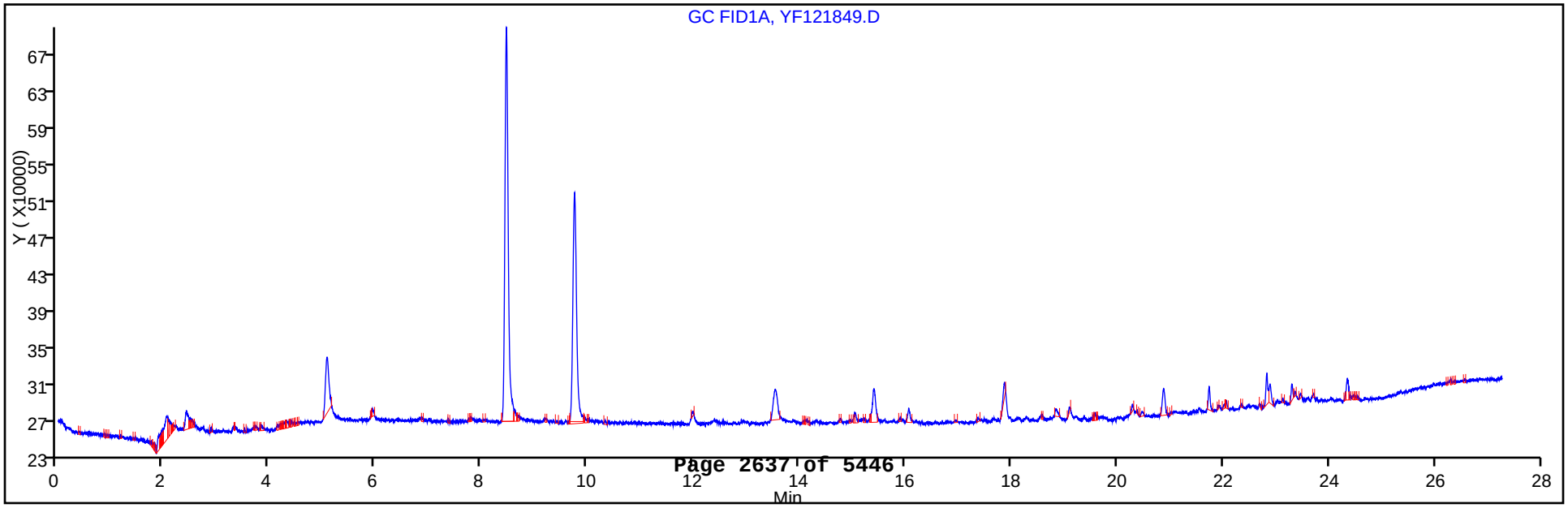
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Injection Date:	19-Dec-2012 15:29:27	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0066-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69142	Lims Sample ID:	49
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0067-0001-SO Lab Sample ID: 240-18544-5

Matrix: Solid Lab File ID: YF122021.D

Analysis Method: 8015B Date Collected: 12/06/2012 10:20

Sample wt/vol: 6.376(g) Date Analyzed: 12/20/2012 22:37

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 10.1 Level: (low/med) Medium

Analysis Batch No.: 69540 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	6700		4400	2200	1500

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	76		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121220-16046.b\YF122021.D		
Lims ID:	240-18544-B-5-B	Client ID:	072SB-0067-0001-SO
Inject. Date:	20-Dec-2012 22:37:48	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016046-021		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69540	Lims Sample ID:	21
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121220-16046.b\Y80158021.m		
Last Update:	24-Dec-2012 09:31:18	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK031		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.756	9.762	-0.006	1166550	7.59	
A 1 C6-C12	2	13.439	4.964 - 21.913		27655893	153.7	

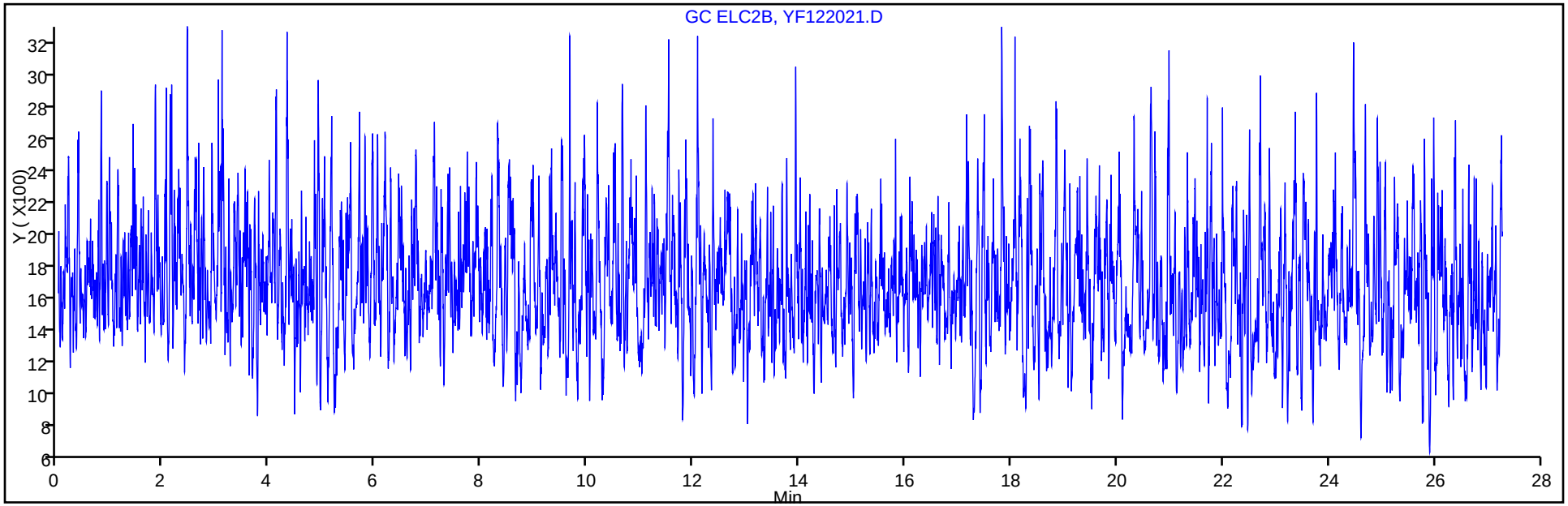
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TestAmerica Canton

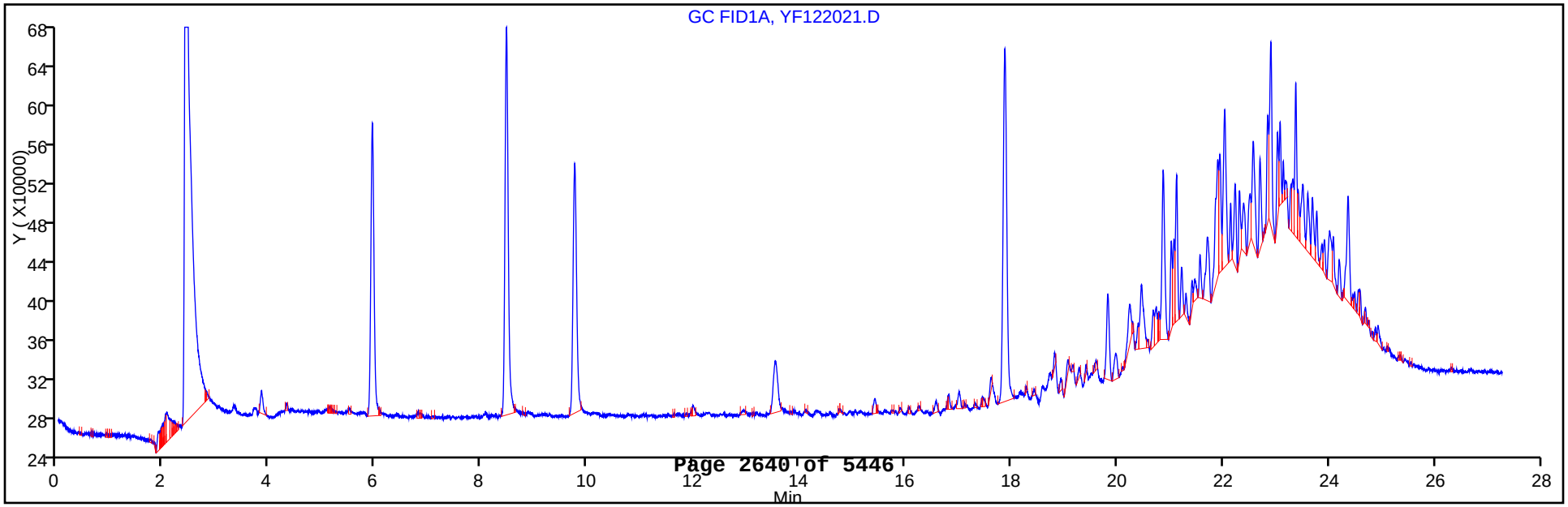
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Injection Date:	20-Dec-2012 22:37:48	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0067-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69540	Lims Sample ID:	21
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

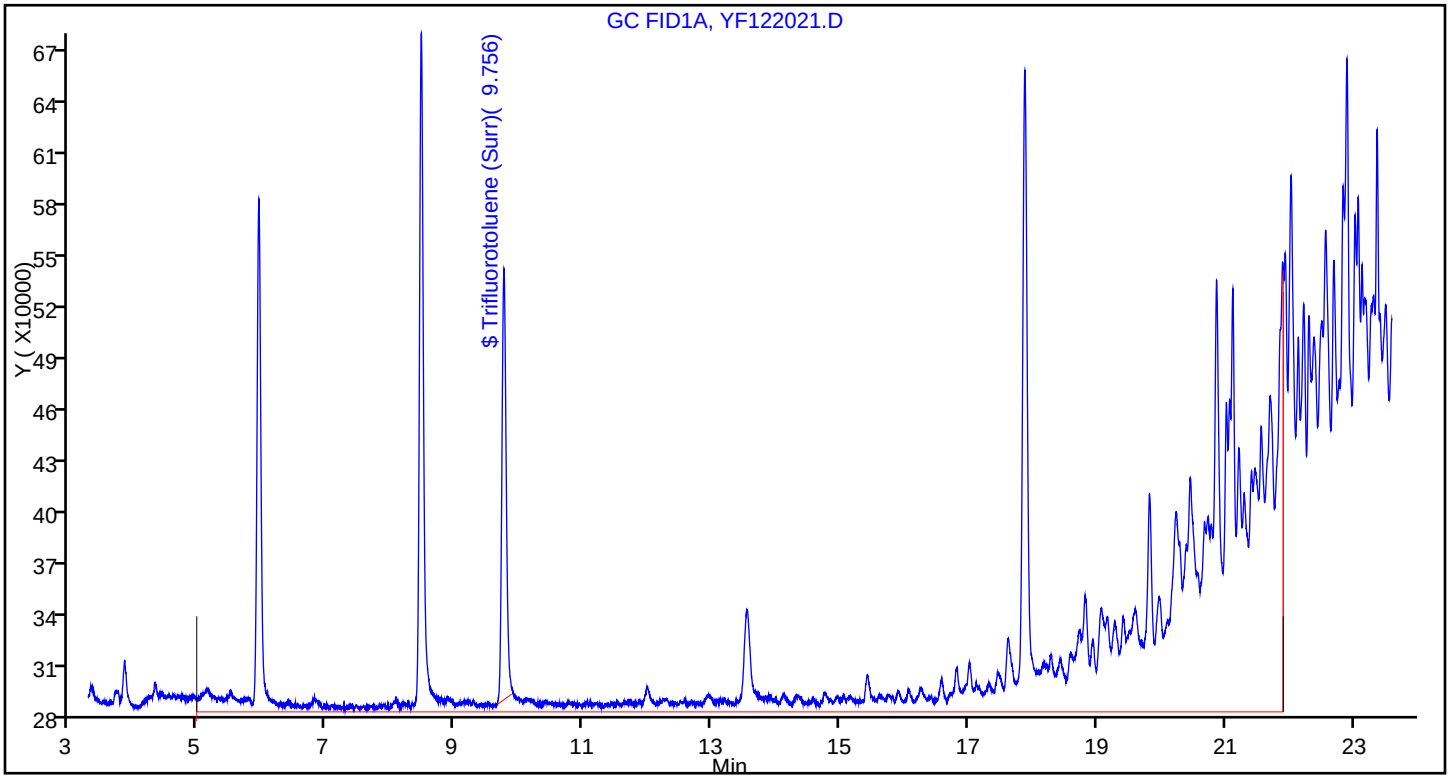


Report Date: 24-Dec-2012 09:31:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121220-16046.b\YF122021.D		
Injection Date:	20-Dec-2012 22:37:48	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0067-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69540	Lims Sample ID:	21
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

A 1 C6-C12, Detector: 2, GC FID1A



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0068-0001-SO Lab Sample ID: 240-18544-6

Matrix: Solid Lab File ID: YF122017.D

Analysis Method: 8015B Date Collected: 12/06/2012 09:28

Sample wt/vol: 6.044(g) Date Analyzed: 12/20/2012 20:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 9.7 Level: (low/med) Low

Analysis Batch No.: 69540 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	46	U	92	46	42

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	76		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121220-16046.b\YF122017.D		
Lims ID:	240-18544-B-6-D	Client ID:	072SB-0068-0001-SO
Inject. Date:	20-Dec-2012 20:02:58	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016046-017		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69540	Lims Sample ID:	17
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121220-16046.b\Y80158021.m		
Last Update:	24-Dec-2012 09:17:26	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK031		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.757	9.762	-0.005	1162016	7.56	
A 1 C6-C12	2		4.964 -	21.913			

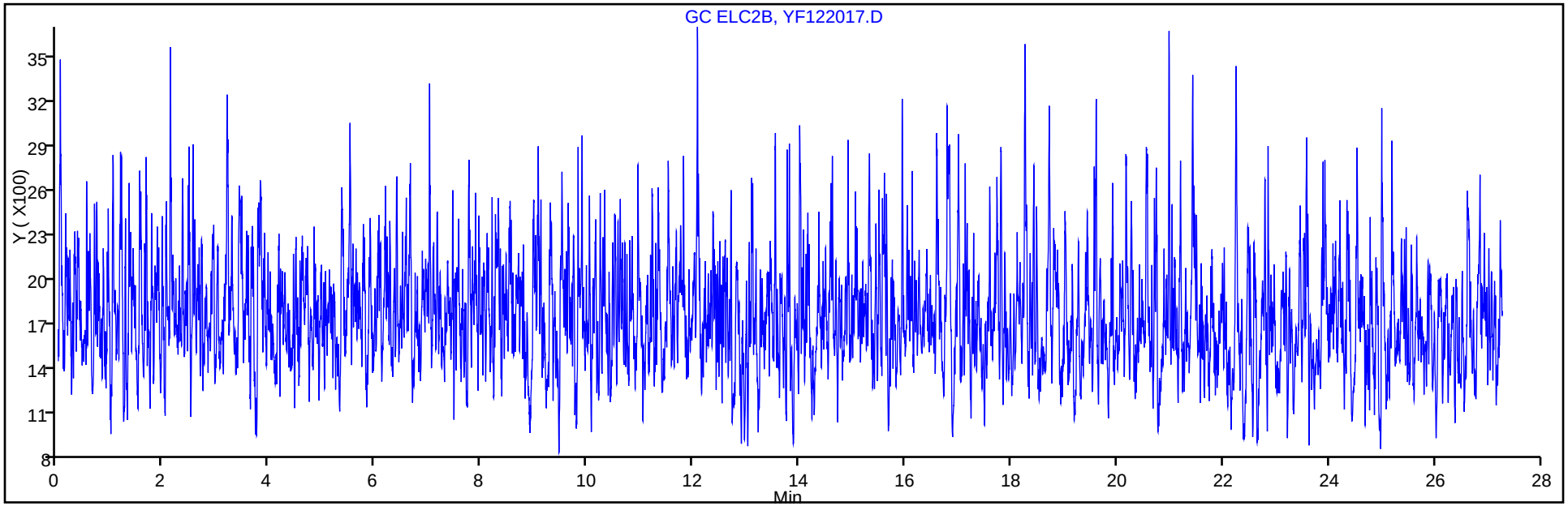
Report Date: 24-Dec-2012 09:17:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

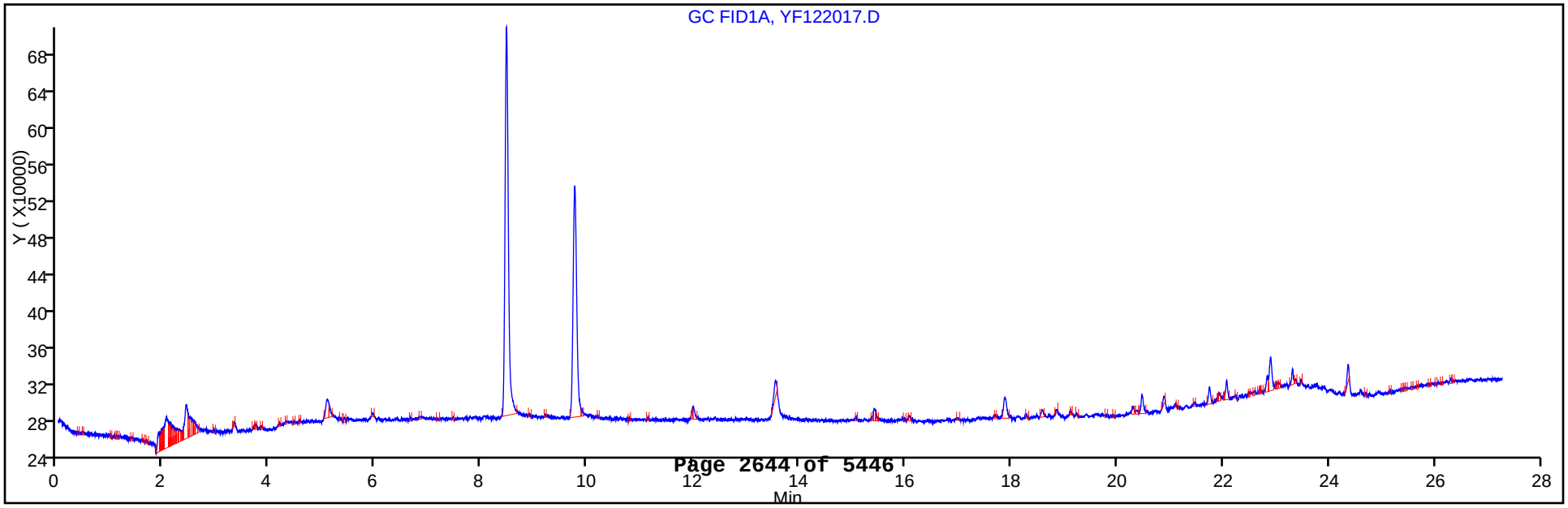
Data File: \\Ncchrom\ChromData\YPID\20121220-16046.b\YF122017.D

Injection Date:	20-Dec-2012 20:02:58	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0068-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69540	Lims Sample ID:	17
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0078-0001-SO Lab Sample ID: 240-18544-18

Matrix: Solid Lab File ID: YF122018.D

Analysis Method: 8015B Date Collected: 12/06/2012 09:30

Sample wt/vol: 5.624(g) Date Analyzed: 12/20/2012 20:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 8.3 Level: (low/med) Low

Analysis Batch No.: 69540 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	48	U	97	48	45

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	71		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121220-16046.b\YF122018.D		
Lims ID:	240-18544-B-18-D	Client ID:	076SB-0078-0001-SO
Inject. Date:	20-Dec-2012 20:42:12	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016046-018		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69540	Lims Sample ID:	18
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121220-16046.b\Y80158021.m		
Last Update:	24-Dec-2012 09:17:26	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK031		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.753	9.762	-0.009	1092699	7.11	
A 1 C6-C12	2		4.964 -	21.913			

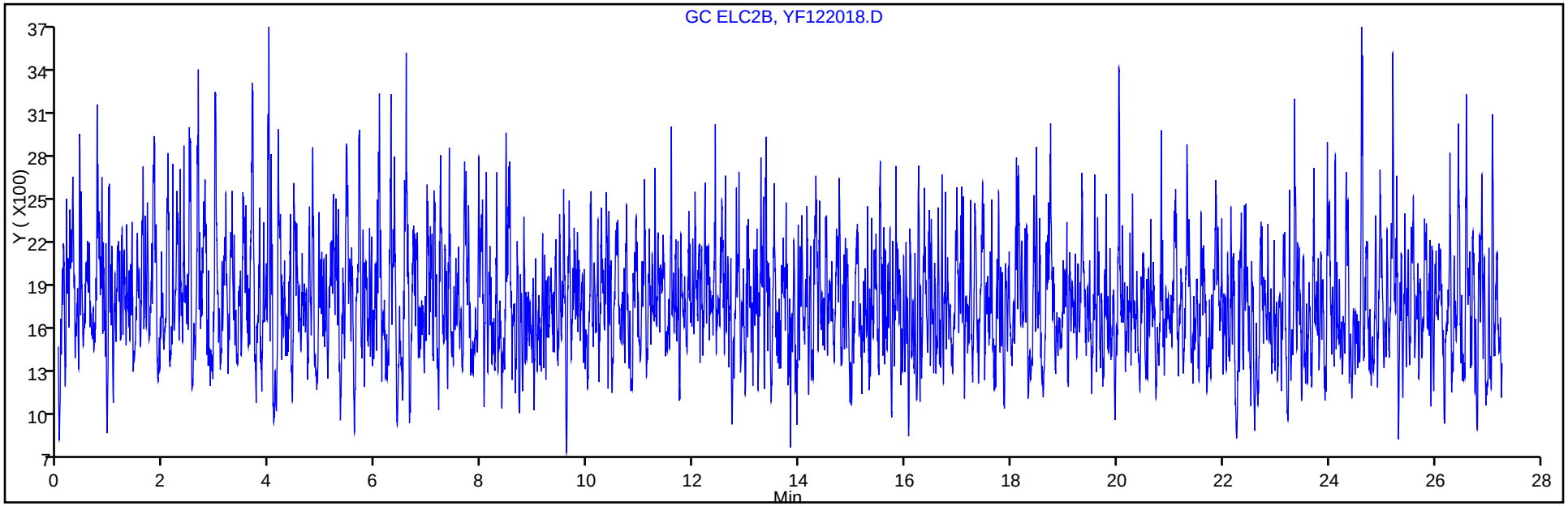
Report Date: 24-Dec-2012 09:17:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

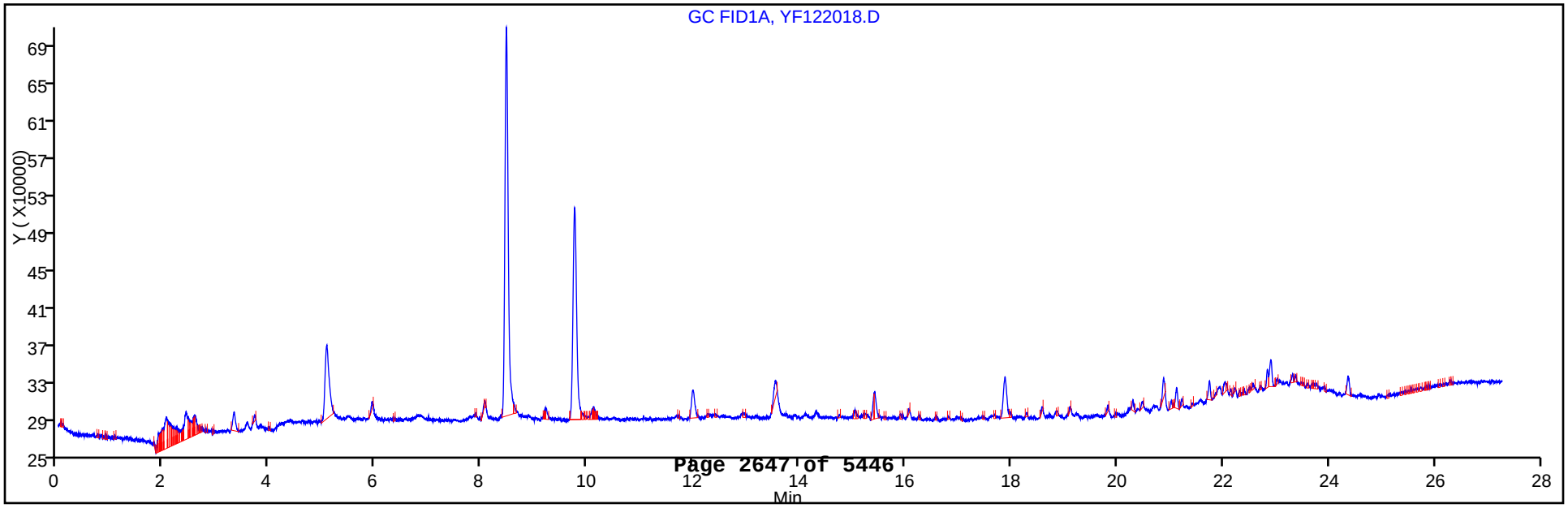
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Injection Date:	20-Dec-2012 20:42:12	Limit Group:	GCV 8015B GRO ICAL
Client ID:	076SB-0078-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69540	Lims Sample ID:	18
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 54511

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2012 18:36 Calibration End Date: 08/15/2012 22:00 Calibration ID: 10675

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-54511/6	YF081506.D
Level 2	STD2 240-54511/7	YF081507.D
Level 3	STD3 240-54511/8	YF081508.D
Level 4	STD4 240-54511/9	YF081509.D
Level 5	STD5 240-54511/10	YF081510.D
Level 6	STD6 240-54511/11	YF081511.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
C6-C10	11.760	11.760	11.760	11.760	11.760	11.760					4.755 - 18.765	11.760
C6-C12	13.426	13.426	13.426	13.426	13.426	13.426					4.855 - 21.997	13.426
Trifluorotoluene (Surr)	9.711	9.710	9.713	9.708	9.711	9.712					9.463 - 9.963	9.711

FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 54511

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2012 18:36 Calibration End Date: 08/15/2012 22:00 Calibration ID: 10675

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-54511/6	YF081506.D
Level 2	STD2 240-54511/7	YF081507.D
Level 3	STD3 240-54511/8	YF081508.D
Level 4	STD4 240-54511/9	YF081509.D
Level 5	STD5 240-54511/10	YF081510.D
Level 6	STD6 240-54511/11	YF081511.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
C6-C10	183542 118119	135498 128955	126511	123496	Ave		136019.970				18.0		20.0			
C6-C12	255673 133903	170408 145976	149081	141314	Lin	6701438.48	136365.157							0.9940		0.9900
Trifluorotoluene (Surr)	136571 165376	137906 183597	145025	153818	Ave		153715.733				12.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 54511

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2012 18:36 Calibration End Date: 08/15/2012 22:00 Calibration ID: 10675

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-54511/6	YF081506.D
Level 2	STD2 240-54511/7	YF081507.D
Level 3	STD3 240-54511/8	YF081508.D
Level 4	STD4 240-54511/9	YF081509.D
Level 5	STD5 240-54511/10	YF081510.D
Level 6	STD6 240-54511/11	YF081511.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
C6-C10	Ave	18354154 206328514	27099537	50604228	98796615	141742722	100 1600	200	400	800	1200
C6-C12	Lin	25567346 233562173	34081672	59632568	113051081	160683965	100 1600	200	400	800	1200
Trifluorotoluene (Surr)	Ave	1365710 1835973	1379064	1450251	1538182	1653764	10.0 10.0	10.0	10.0	10.0	10.0

Curve Type Legend:

Ave = Average
Lin = Linear

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081506.D		
Lims ID:	STD1 GAS	Client ID:	
Inject. Date:	15-Aug-2012 18:36:54	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0012413-006		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	6
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:24	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

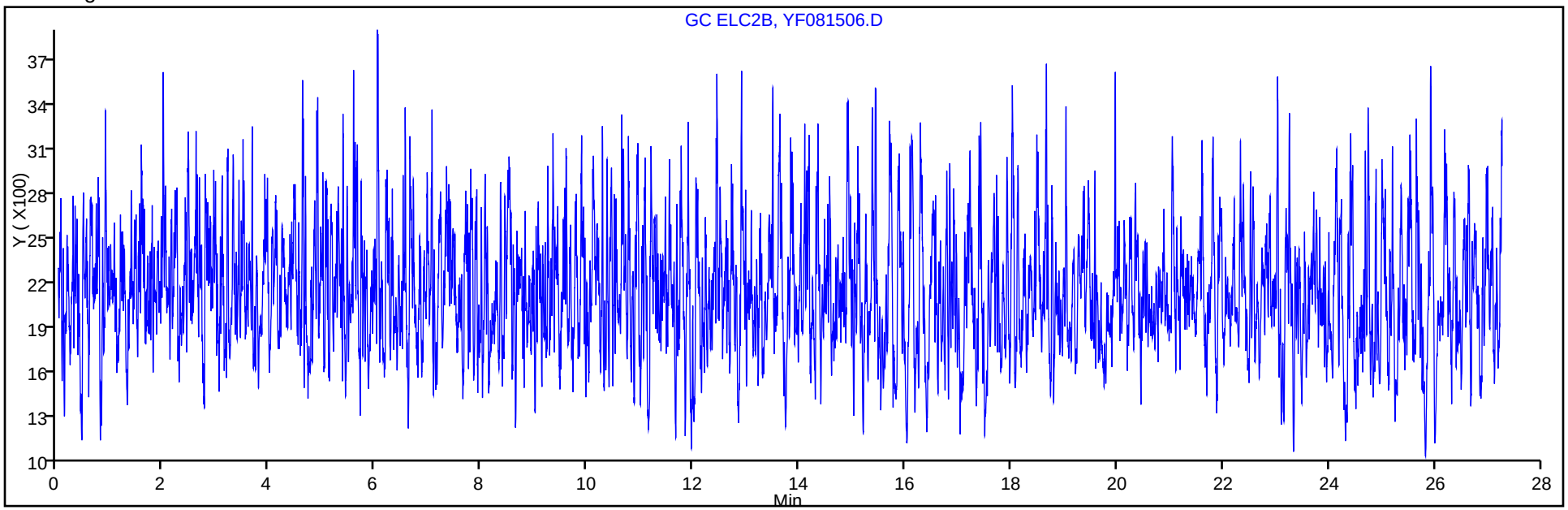
Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.711	9.713	-0.002	1365710	8.88	
A 5 C6-C10	2	11.760	4.755 -	18.765	18354154	134.9	
A 1 C6-C12	2	13.426	4.855 -	21.997	25567346	138.3	

Report Date: 16-Aug-2012 12:49:25 Chrom Revision: 2.0 17-Jul-2012 17:32:54

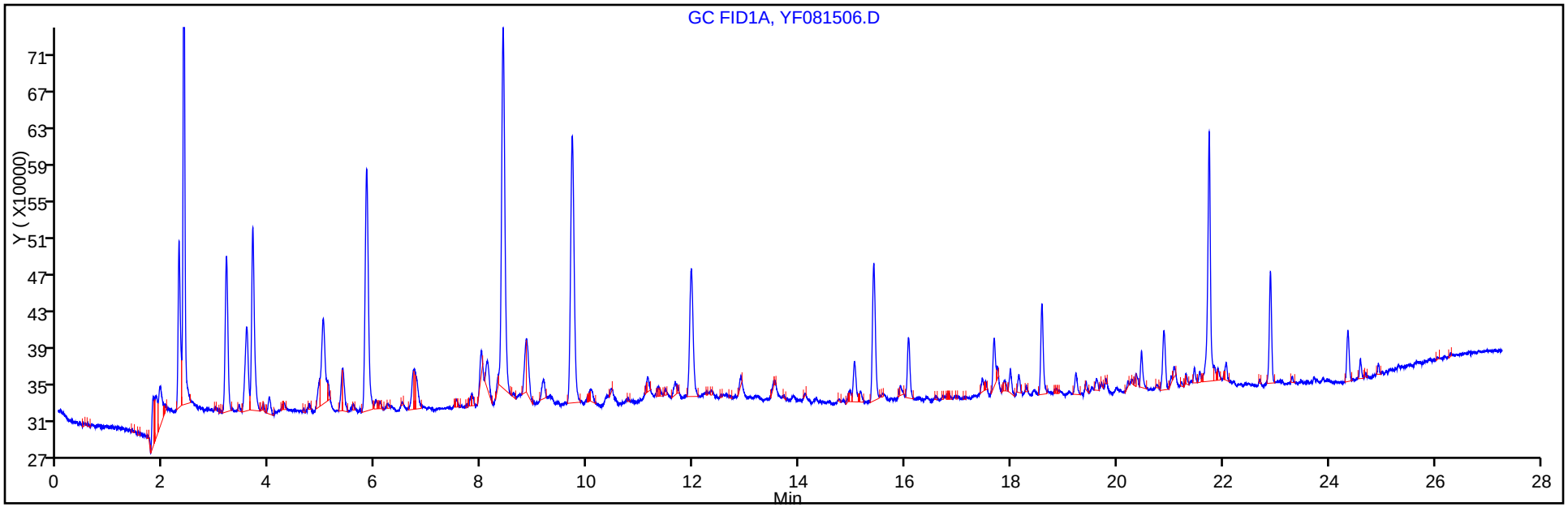
Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081506.D

Injection Date:	15-Aug-2012 18:36:54	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	54511	Lims Sample ID:	6
Operator ID:	1765		

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081507.D		
Lims ID:	STD2 GAS	Client ID:	
Inject. Date:	15-Aug-2012 19:17:42	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0012413-007		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	7
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:28	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.710	9.713	-0.003	1379064	8.97	
A 5 C6-C10	2	11.760	4.755 -	18.765	27099537	199.2	
A 1 C6-C12	2	13.426	4.855 -	21.997	34081672	200.8	

Report Date: 16-Aug-2012 12:49:28 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081507.D

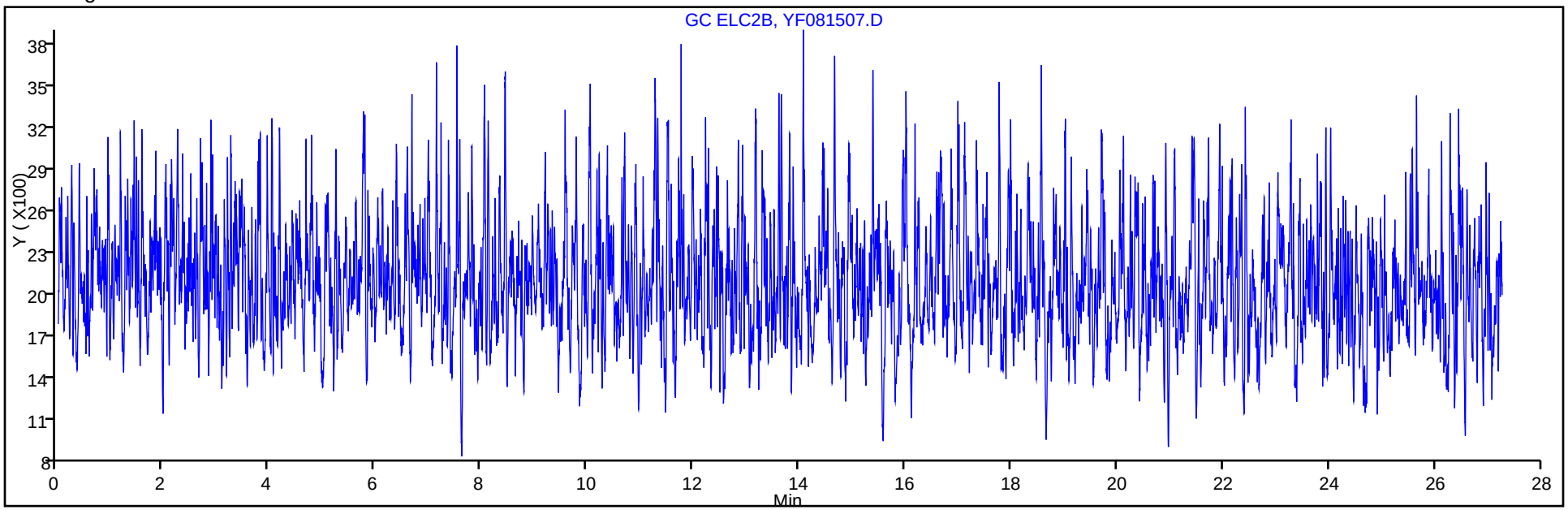
Injection Date: 15-Aug-2012 19:17:42 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

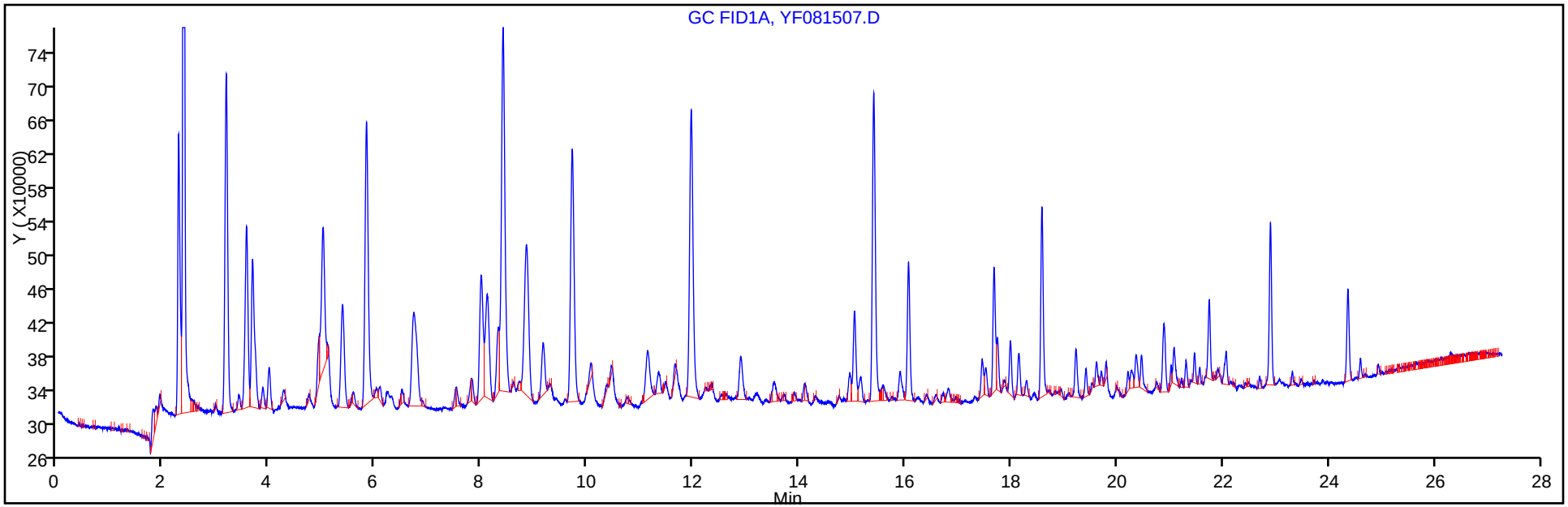
Lims Batch ID: 54511 Lims Sample ID: 7

Operator ID: 1765

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081508.D		
Lims ID:	STD3 GAS	Client ID:	
Inject. Date:	15-Aug-2012 19:58:01	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0012413-008		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	8
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:32	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.713	9.713	0.0	1450251	9.43	
A 5 C6-C10	2	11.760	4.755 -	18.765	50604228	372.0	
A 1 C6-C12	2	13.426	4.855 -	21.997	59632568	388.2	

Report Date: 16-Aug-2012 12:49:32 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081508.D

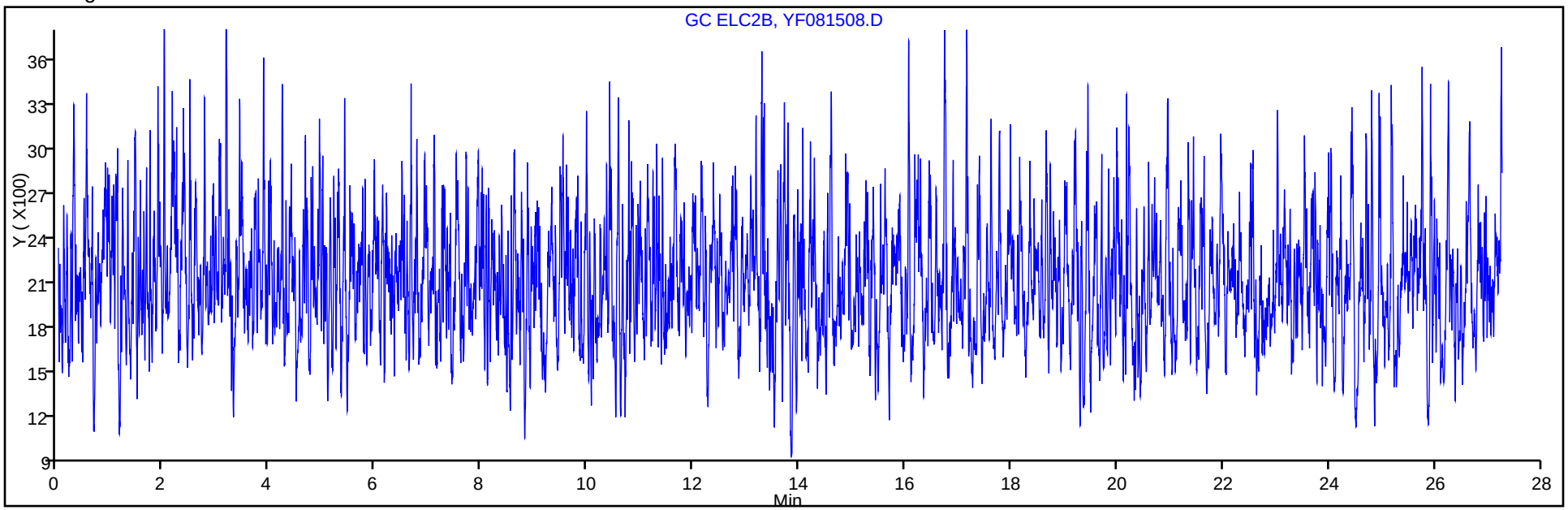
Injection Date: 15-Aug-2012 19:58:01 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

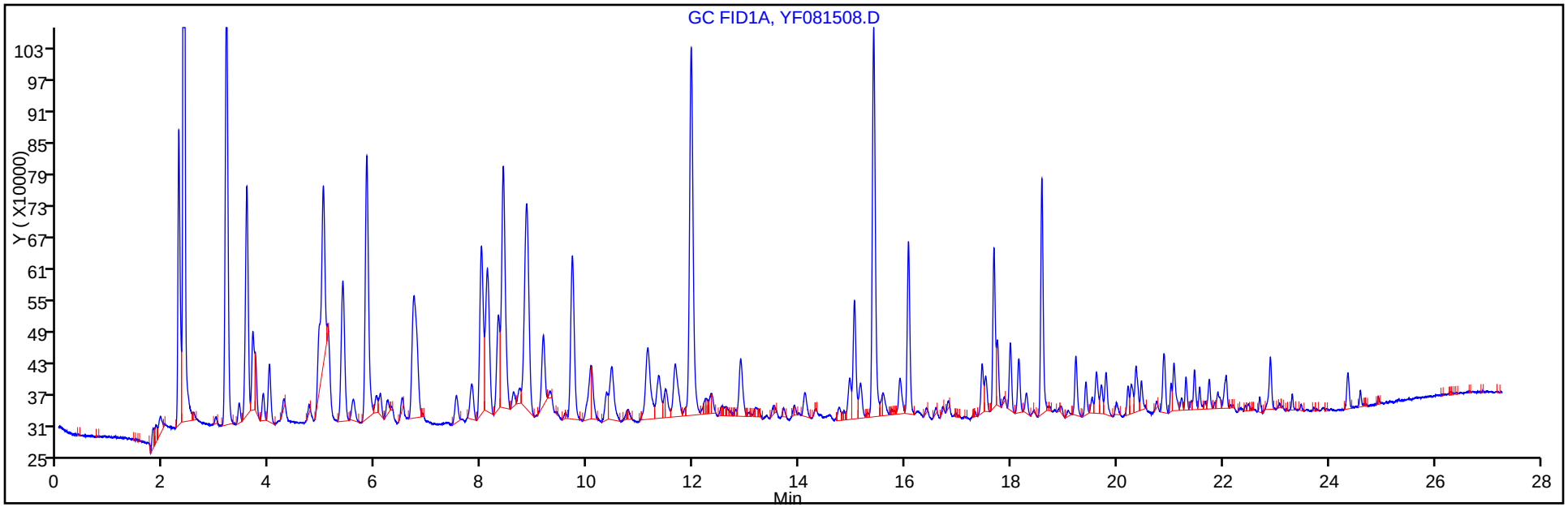
Lims Batch ID: 54511 Lims Sample ID: 8

Operator ID: 1765

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081509.D		
Lims ID:	STD4 GAS	Client ID:	
Inject. Date:	15-Aug-2012 20:39:09	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	4
Sample ID:	240-0012413-009		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	9
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:36	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.708	9.708	0.0	1538182	10.0	
A 5 C6-C10	2	11.760	4.755 -	18.765	98796615	726.3	
A 1 C6-C12	2	13.426	4.855 -	21.997	113051081	779.9	

Report Date: 16-Aug-2012 12:49:36 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081509.D

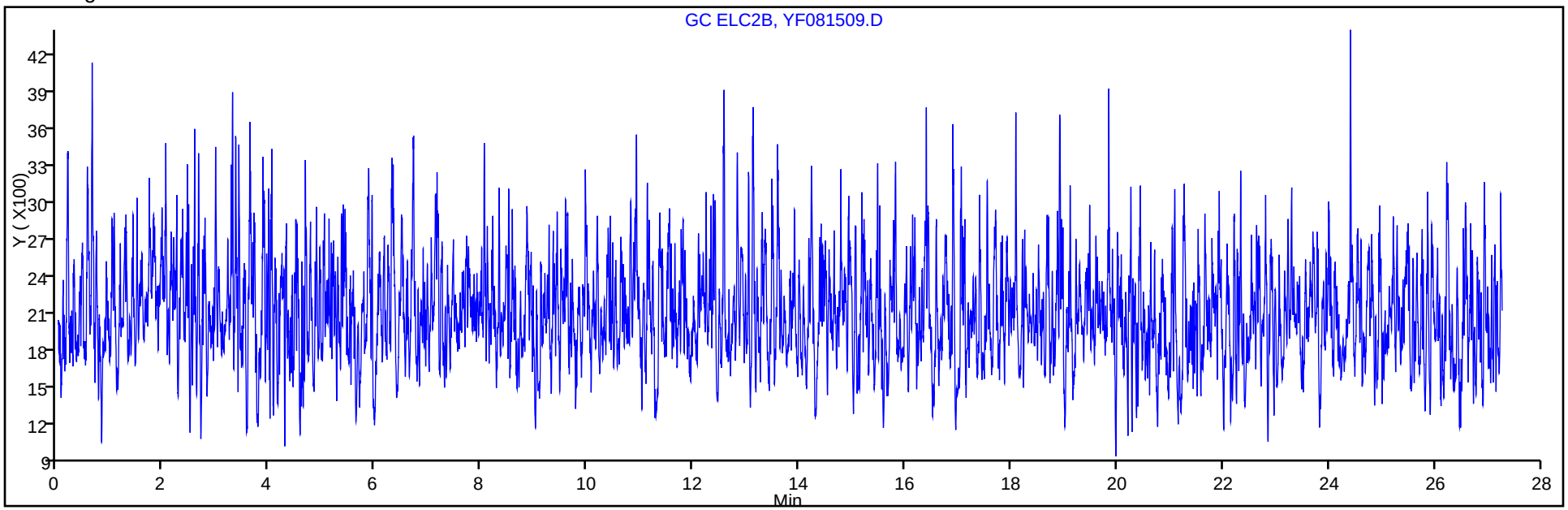
Injection Date: 15-Aug-2012 20:39:09 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

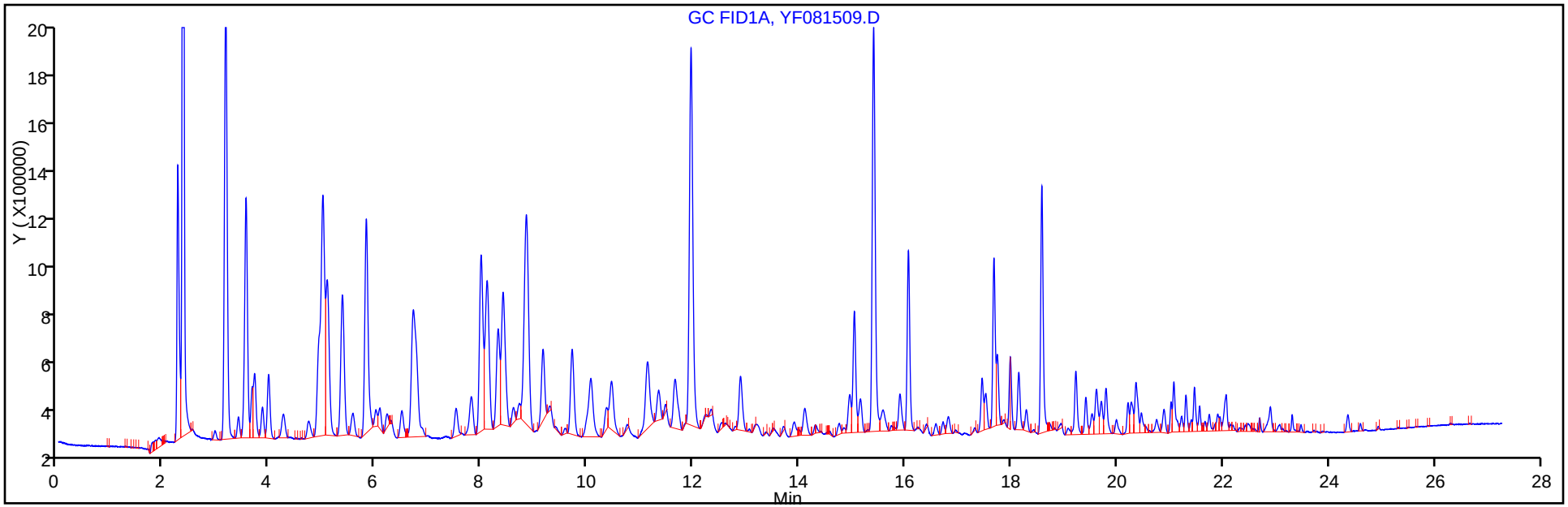
Lims Batch ID: 54511 Lims Sample ID: 9

Operator ID: 1765

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081510.D		
Lims ID:	STD5 GAS	Client ID:	
Inject. Date:	15-Aug-2012 21:19:54	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0012413-010		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	10
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:40	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.711	9.708	0.003	1653764	10.8	
A 5 C6-C10	2	11.760	4.755 -	18.765	141742722	1042.1	
A 1 C6-C12	2	13.426	4.855 -	21.997	160683965	1129.2	

Report Date: 16-Aug-2012 12:49:40 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081510.D

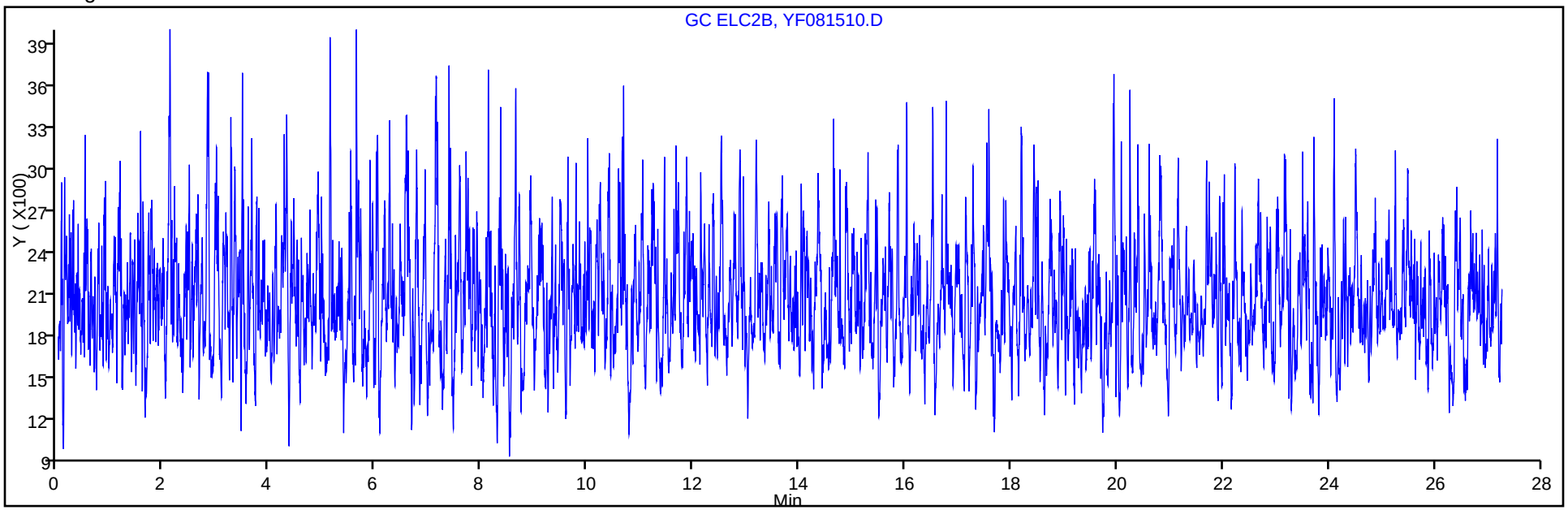
Injection Date: 15-Aug-2012 21:19:54 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

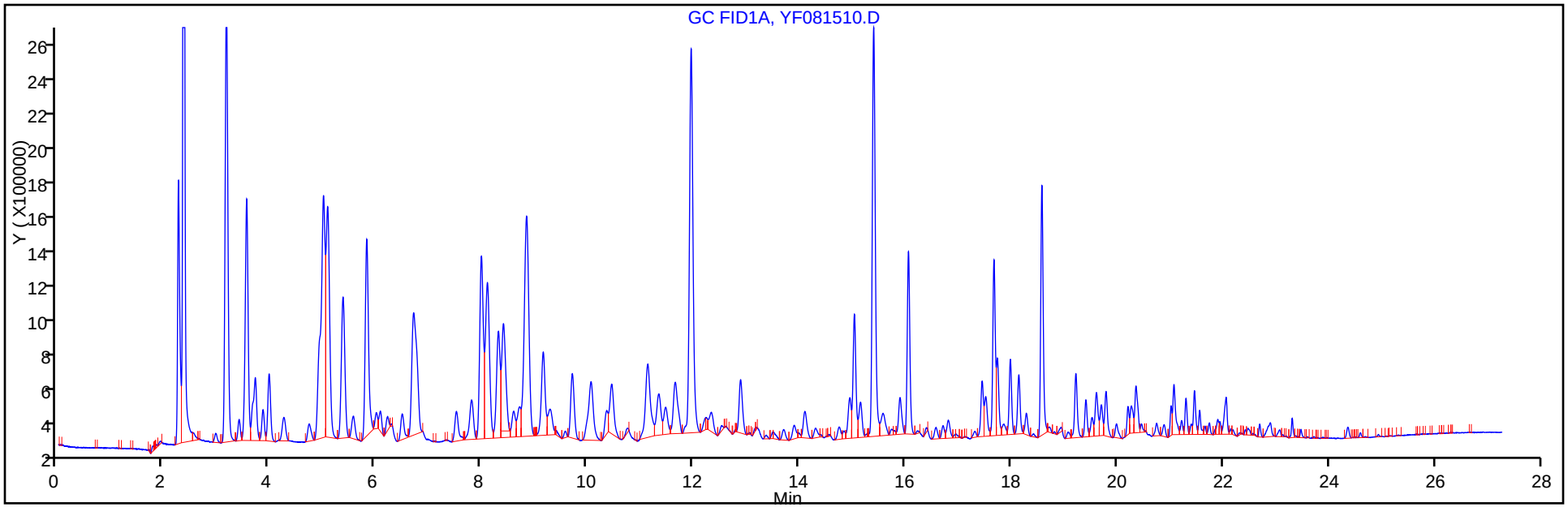
Lims Batch ID: 54511 Lims Sample ID: 10

Operator ID: 1765

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Lims ID:	STD6 GAS	Client ID:	
Inject. Date:	15-Aug-2012 22:00:09	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0012413-011		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	11
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:43	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.712	9.708	0.004	1835973	11.9	
A 5 C6-C10	2	11.760	4.755 -	18.765	206328514	1516.9	
A 1 C6-C12	2	13.426	4.855 -	21.997	233562173	1663.6	

Report Date: 16-Aug-2012 12:49:44 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D

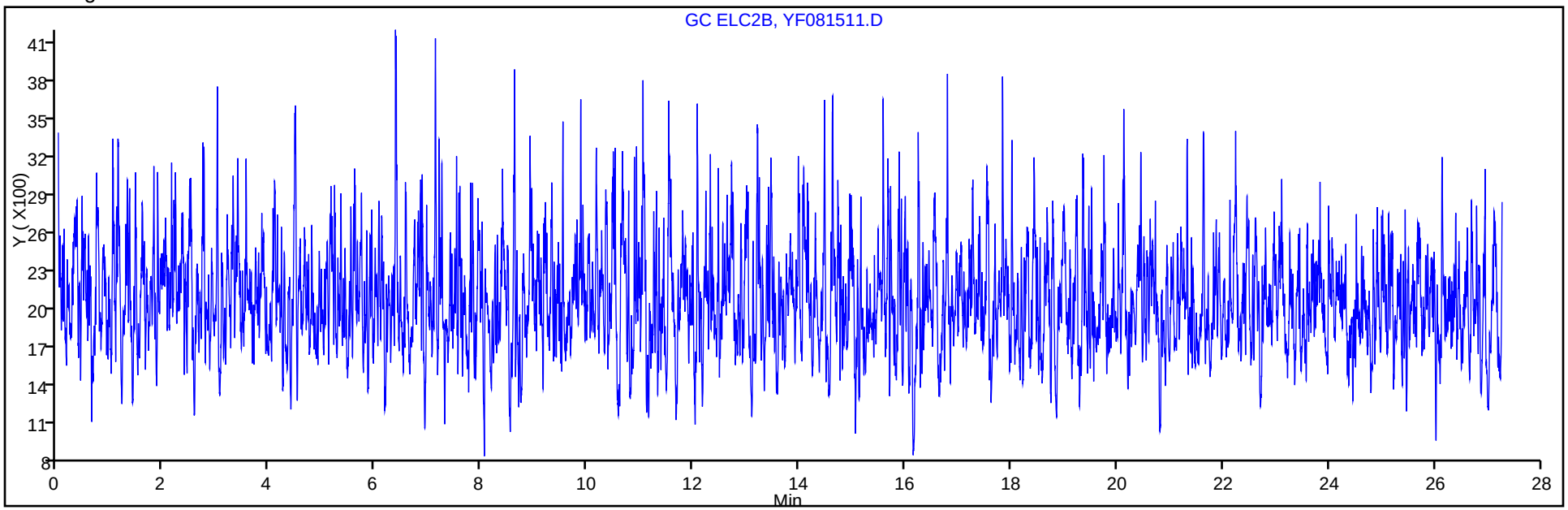
Injection Date: 15-Aug-2012 22:00:09 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

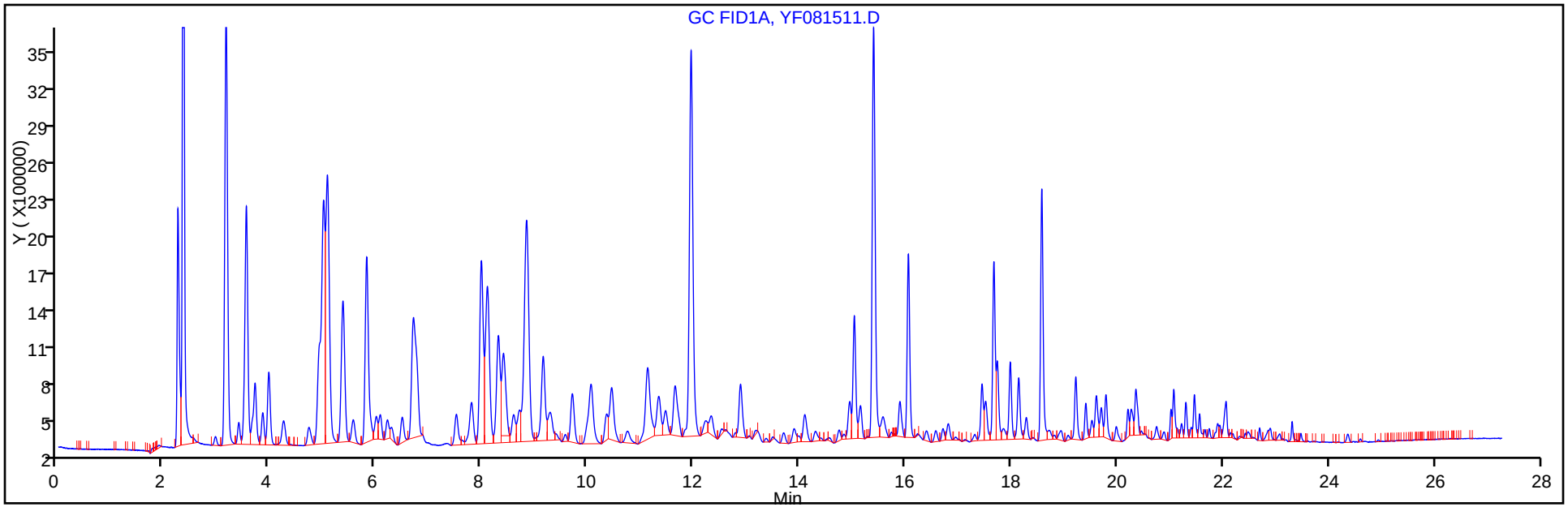
Lims Batch ID: 54511 Lims Sample ID: 11

Operator ID: 1765

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-54511/12 Calibration Date: 08/15/2012 22:40

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF081512.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	146461		861	800	7.7	20.0
C6-C12	Lin		171870		959	800	19.9	20.0
Trifluorotoluene (Surr)	Ave	153716	157910		10.3	10.0	2.7	20.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-54511/12 Calibration Date: 08/15/2012 22:40

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF081512.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.76	4.76	18.77
C6-C12	13.43	4.86	22.00
Trifluorotoluene (Surr)	9.72	9.46	9.96

Report Date: 16-Aug-2012 12:49:48 Chrom Revision: 2.0 17-Jul-2012 17:32:54

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081512.D
Lims ID: ICV GAS Client ID:
Inject. Date: 15-Aug-2012 22:40:41 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0012413-012
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Vol. Injected: 1.0000 ALS Bottle#: 1
Lims Batch ID: 54511 Lims Sample ID: 12
Sublist:
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m
Last Update: 16-Aug-2012 12:49:43 Calib Date: 15-Aug-2012 22:00:09
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Process Host: XAWRK030

First Level Reviewer: bolgrind Date: 16-Aug-2012 08:25:42

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.715	9.708	0.007	1579095	10.3	
A 5 C6-C10	2	11.760	4.755 -	18.765	117168930	861.4	
A 1 C6-C12	2	13.426	4.855 -	21.997	137496376	959.2	

Report Date: 16-Aug-2012 12:49:48 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081512.D

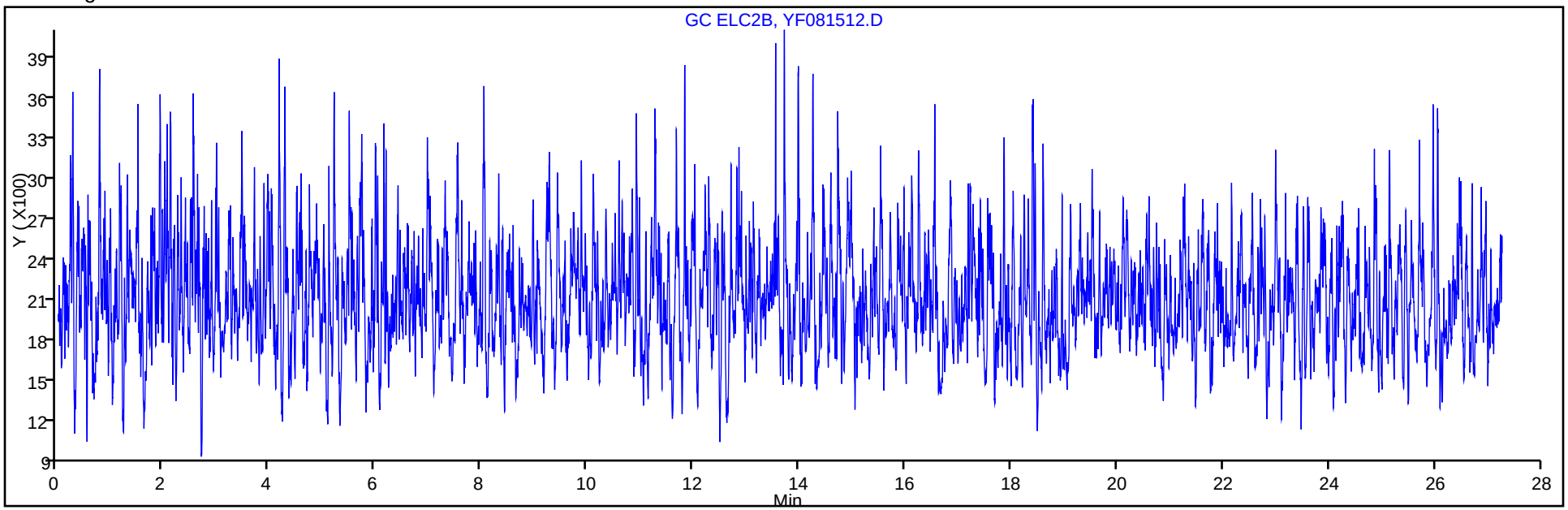
Injection Date: 15-Aug-2012 22:40:41 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

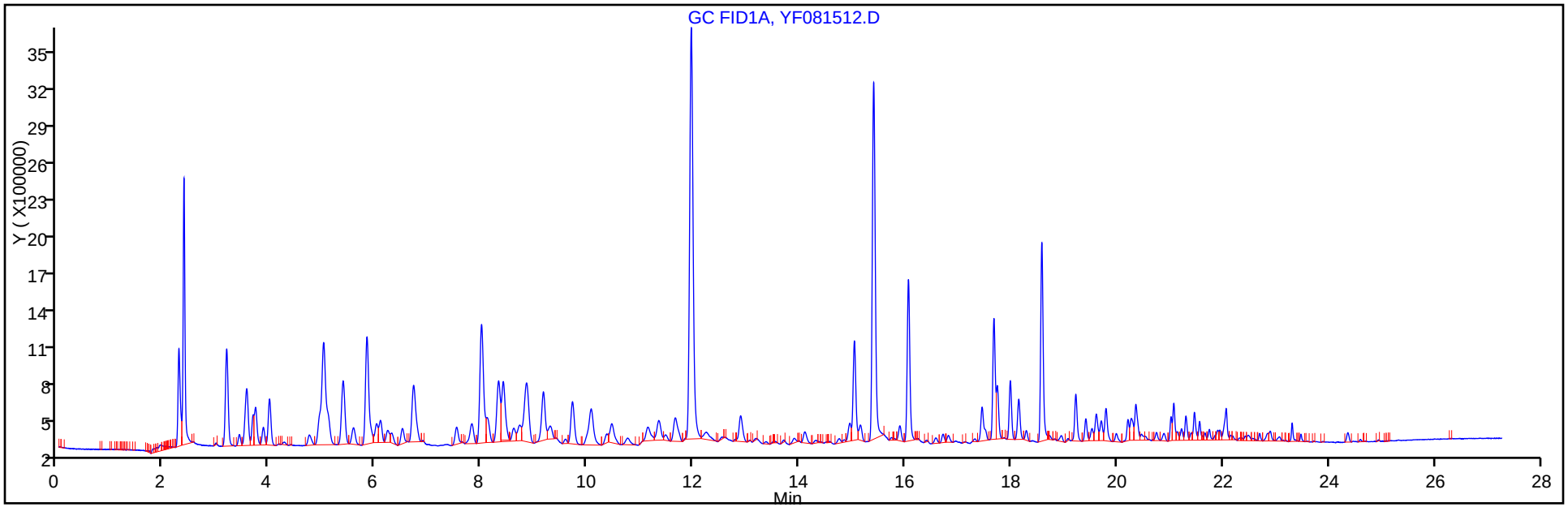
Lims Batch ID: 54511 Lims Sample ID: 12

Operator ID: 1765

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69142/5 Calibration Date: 12/18/2012 11:39

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF121805.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	134068		789	800	-1.4	15.0
C6-C12	Lin		149091		826	800	3.2	15.0
Trifluorotoluene (Surr)	Ave	153716	146508		9.53	10.0	-4.7	15.0

FORM VII

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69142/5 Calibration Date: 12/18/2012 11:39

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF121805.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.87	18.79
C6-C12	13.49	4.97	22.01
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121218-15951.b\YF121805.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	18-Dec-2012 11:39:42	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0015951-005		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69142	Lims Sample ID:	5
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121218-15951.b\Y80158021.m		
Last Update:	21-Dec-2012 14:35:54	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK009		
First Level Reviewer: bosworthh		Date:	18-Dec-2012 12:46:53

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.760	9.760	0.0	1465083	9.53	
A 5 C6-C10	2	11.830	4.866 -	18.794	107254723	788.5	
A 1 C6-C12	2	13.488	4.966 -	22.011	119272845	825.5	

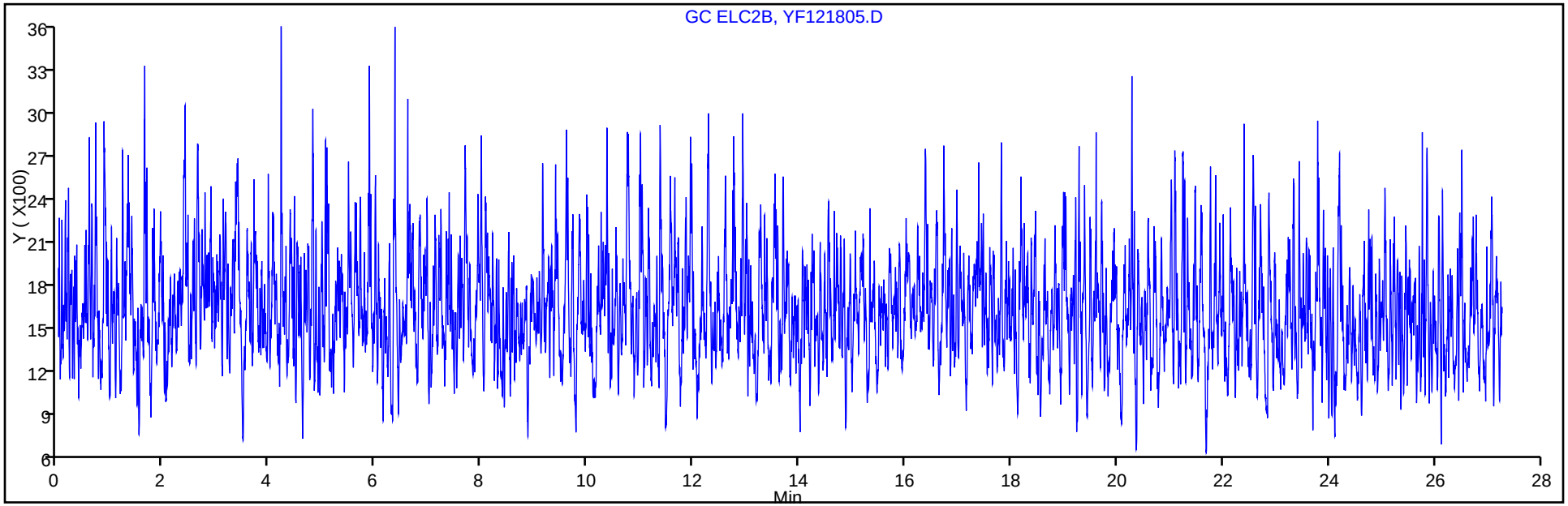
Report Date: 21-Dec-2012 14:35:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

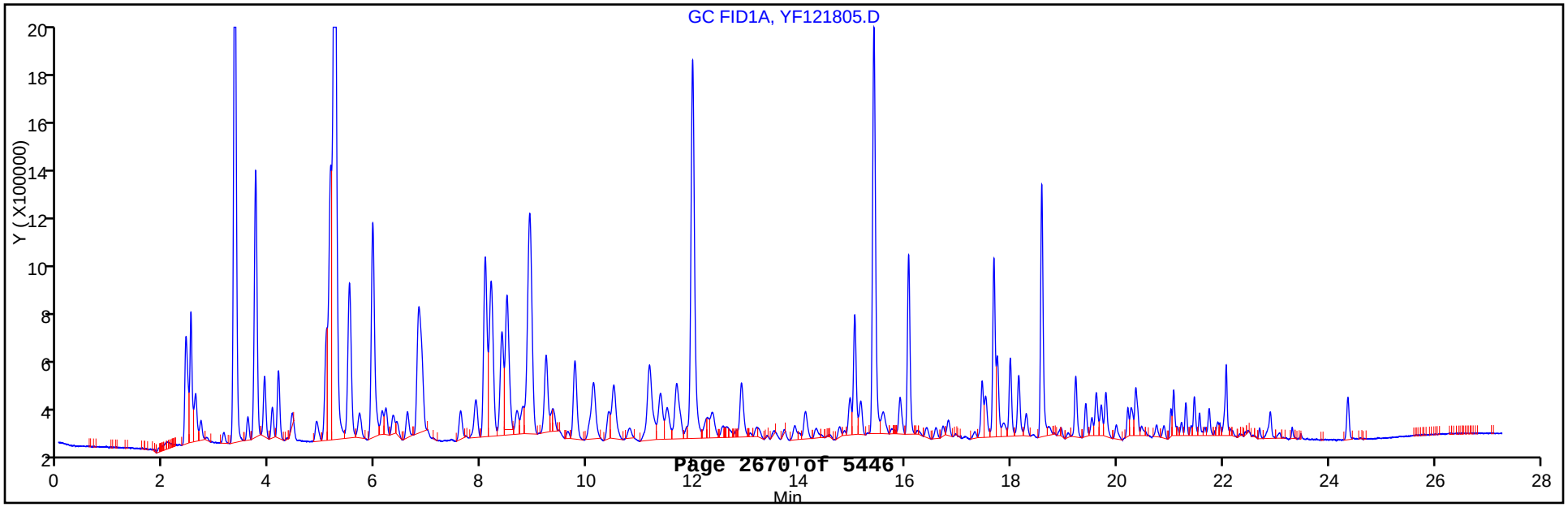
Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121805.D

Injection Date:	18-Dec-2012 11:39:42	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69142	Lims Sample ID:	5
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69142/41 Calibration Date: 12/19/2012 10:25

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF121841.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	128009		753	800	-5.9	15.0
C6-C12	Lin		144974		801	800	0.2	15.0
Trifluorotoluene (Surr)	Ave	153716	141820		9.23	10.0	-7.7	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69142/41 Calibration Date: 12/19/2012 10:25

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF121841.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.87	18.79
C6-C12	13.49	4.97	22.01
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121218-15951.b\YF121841.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	19-Dec-2012 10:25:25	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0015951-041		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69142	Lims Sample ID:	41
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121218-15951.b\Y80158021.m		
Last Update:	21-Dec-2012 14:38:17	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK009		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.757	9.757	0.0	1418200	9.23	
A 5 C6-C10	2	11.830	4.866 -	18.794	102406832	752.9	
A 1 C6-C12	2	13.488	4.966 -	22.011	115978956	801.4	

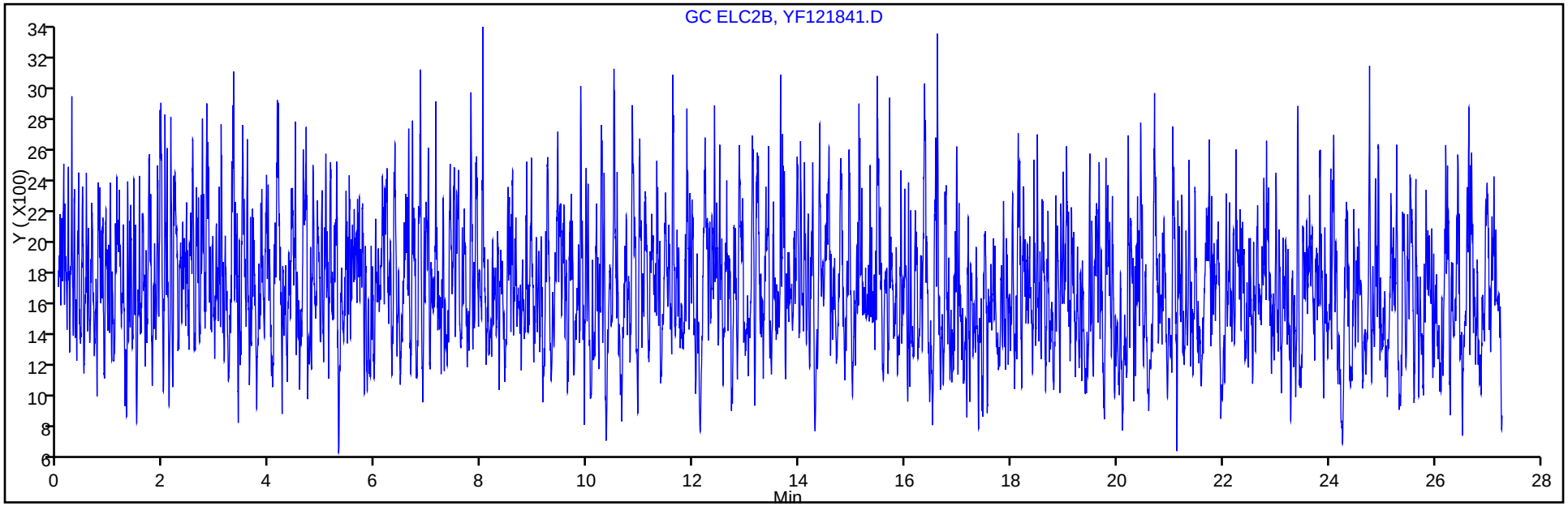
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TestAmerica Canton

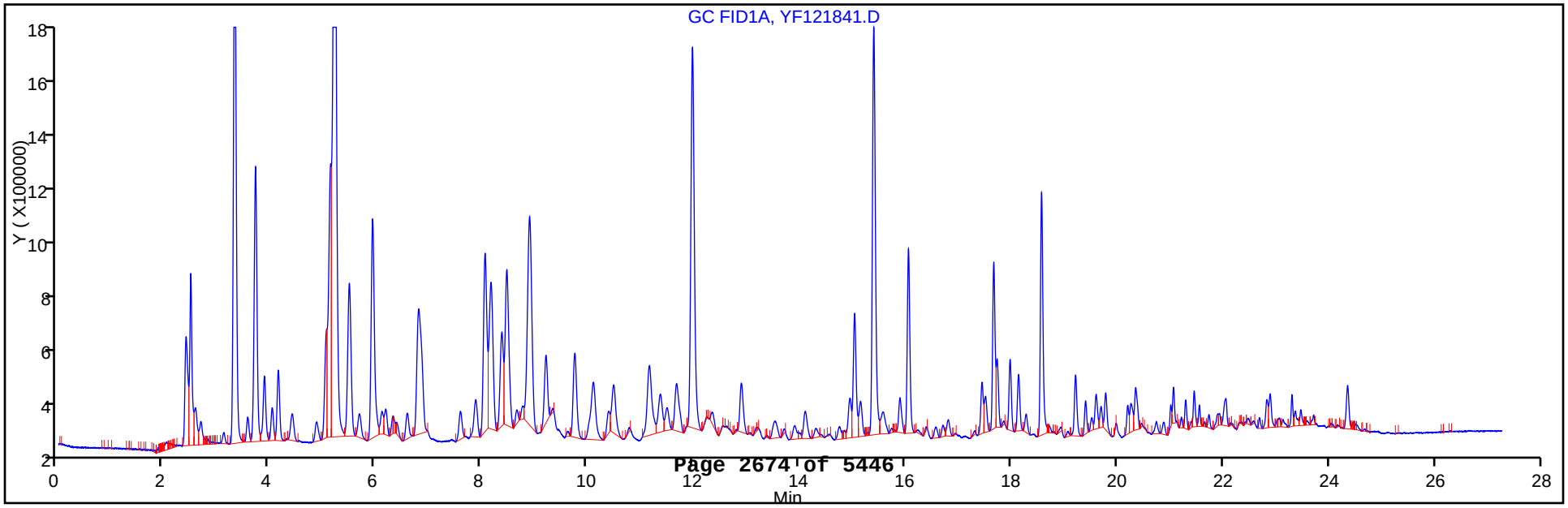
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Injection Date:	19-Dec-2012 10:25:25	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69142	Lims Sample ID:	41
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69142/52 Calibration Date: 12/19/2012 18:07

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF121852.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	128594		756	800	-5.5	15.0
C6-C12	Lin		199972		1120	800	40.5*	15.0
Trifluorotoluene (Surr)	Ave	153716	136240		8.86	10.0	-11.4	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69142/52 Calibration Date: 12/19/2012 18:07

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF121852.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.87	18.79
C6-C12	13.49	4.97	22.01
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121218-15951.b\YF121852.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	19-Dec-2012 18:07:03	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0015951-052		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69142	Lims Sample ID:	52
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121218-15951.b\Y80158021.m		
Last Update:	20-Dec-2012 08:35:50	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK018		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.756	9.756	0.0	1362398	8.86	
A 5 C6-C10	2	11.830	4.866 -	18.794	102875560	756.3	
A 1 C6-C12	2	13.488	4.966 -	22.011	159977309	1124.0	

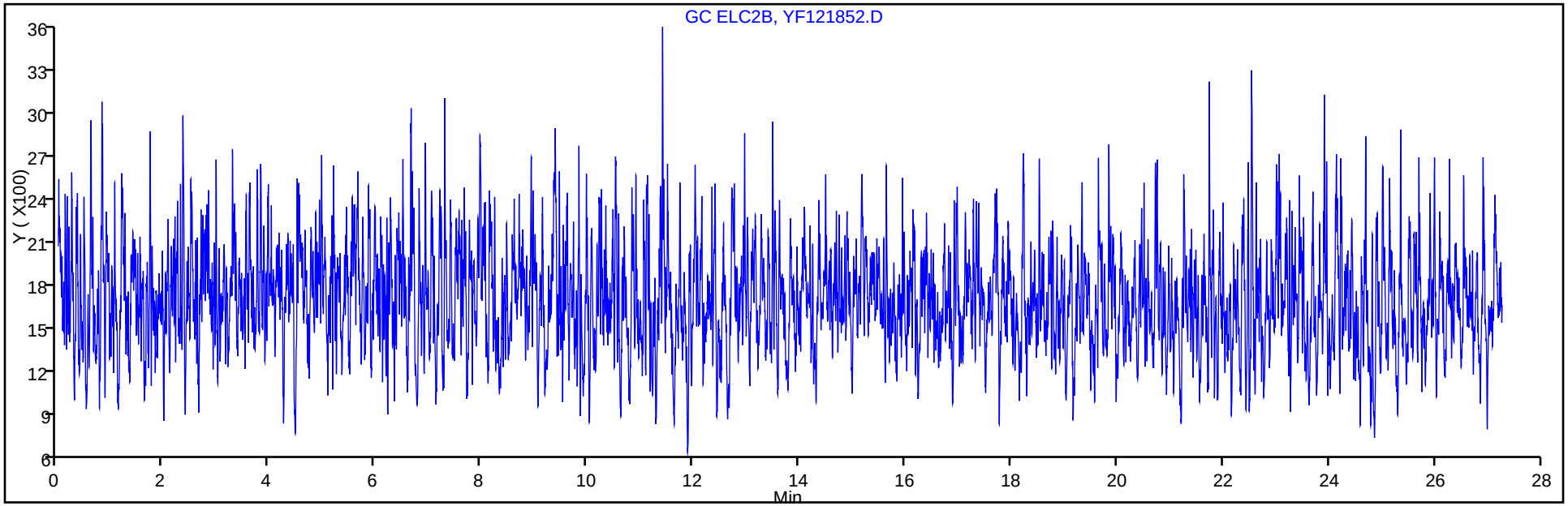
Report Date: 20-Dec-2012 08:35:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

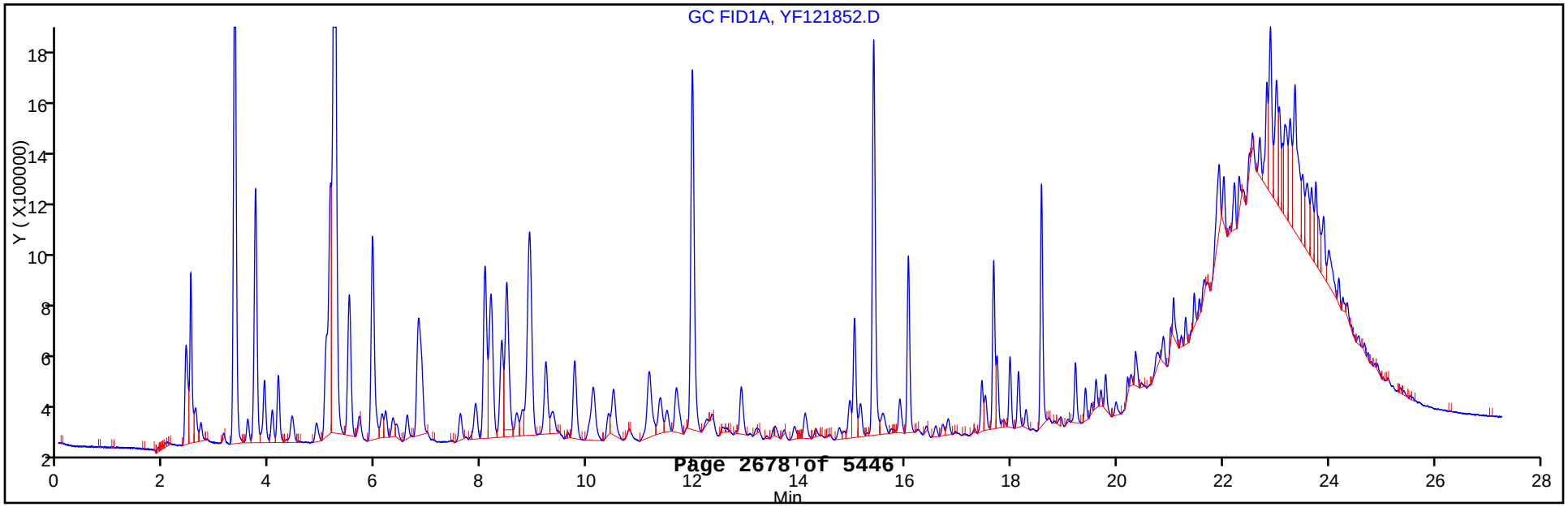
Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121852.D

Injection Date:	19-Dec-2012 18:07:03	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69142	Lims Sample ID:	52
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69540/5 Calibration Date: 12/20/2012 11:57

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122005.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	129311		761	800	-4.9	15.0
C6-C12	Lin		147148		814	800	1.8	15.0
Trifluorotoluene (Surr)	Ave	153716	124570		8.10	10.0	-19.0*	15.0

FORM VII

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69540/5 Calibration Date: 12/20/2012 11:57

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122005.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.80	4.86	18.74
C6-C12	13.44	4.96	21.91
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121220-16046.b\YF122005.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	20-Dec-2012 11:57:32	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0016046-005		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69540	Lims Sample ID:	5
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121220-16046.b\Y80158021.m		
Last Update:	24-Dec-2012 09:17:16	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK031		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.760	9.760	0.0	1245700	8.10	
A 5 C6-C10	2	11.803	4.864 -	18.741	103449131	760.5	
A 1 C6-C12	2	13.439	4.964 -	21.913	117718191	814.1	

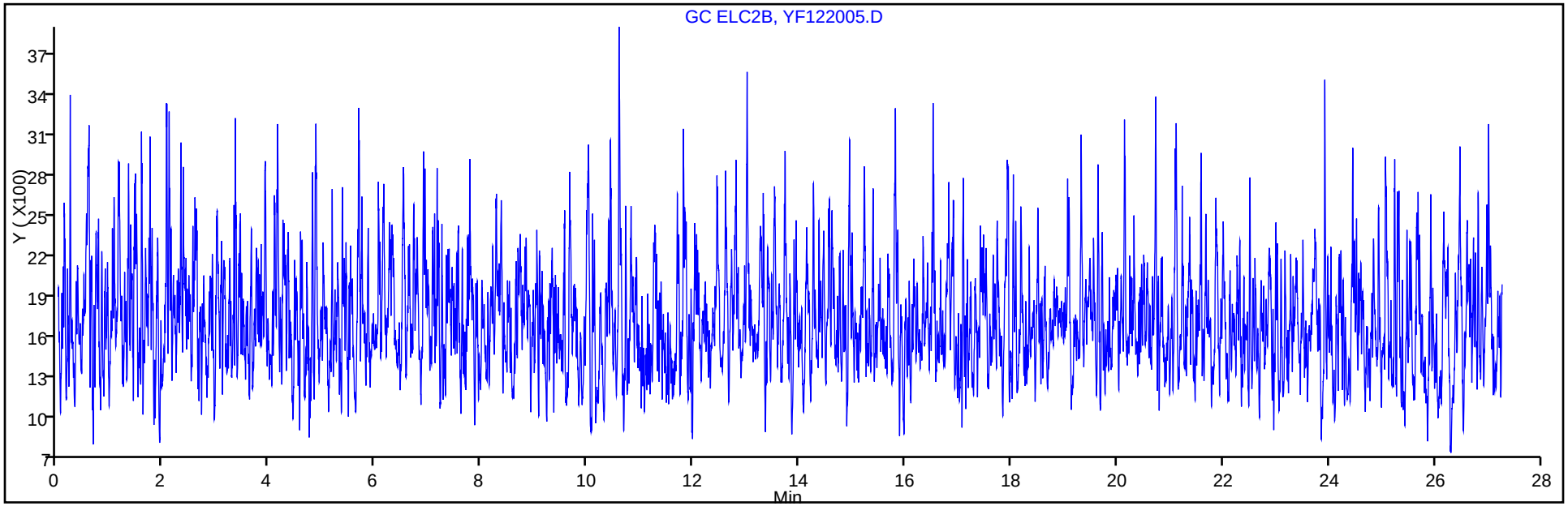
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TestAmerica Canton

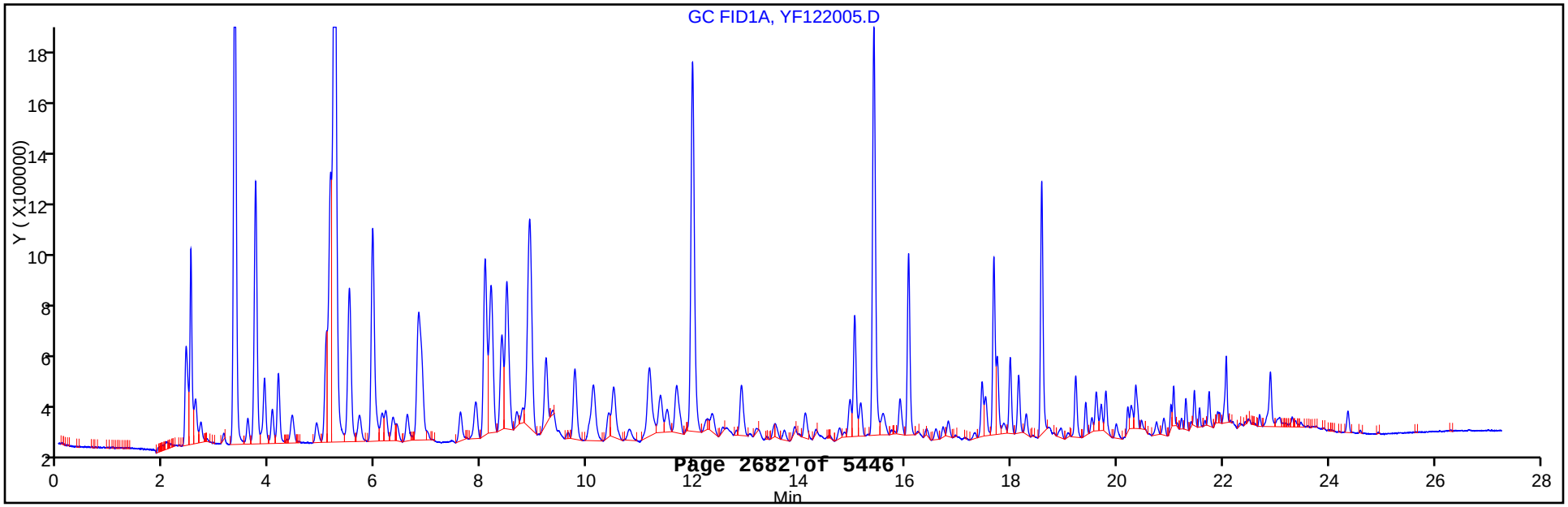
Data File: \\Ncchrom\ChromData\YPID\20121220-16046.b\YF122005.D

Injection Date:	20-Dec-2012 11:57:32	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69540	Lims Sample ID:	5
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69540/16 Calibration Date: 12/20/2012 19:24

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122016.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	126761		746	800	-6.8	15.0
C6-C12	Lin		142274		786	800	-1.8	15.0
Trifluorotoluene (Surr)	Ave	153716	138867		9.03	10.0	-9.7	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69540/16 Calibration Date: 12/20/2012 19:24

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122016.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.80	4.86	18.74
C6-C12	13.44	4.96	21.91
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121220-16046.b\YF122016.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	20-Dec-2012 19:24:03	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016046-016		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69540	Lims Sample ID:	16
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121220-16046.b\Y80158021.m		
Last Update:	24-Dec-2012 09:17:26	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK031		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.762	9.762	0.0	1388671	9.03	
A 5 C6-C10	2	11.803	4.864 -	18.741	101408559	745.5	
A 1 C6-C12	2	13.439	4.964 -	21.913	113819201	785.5	

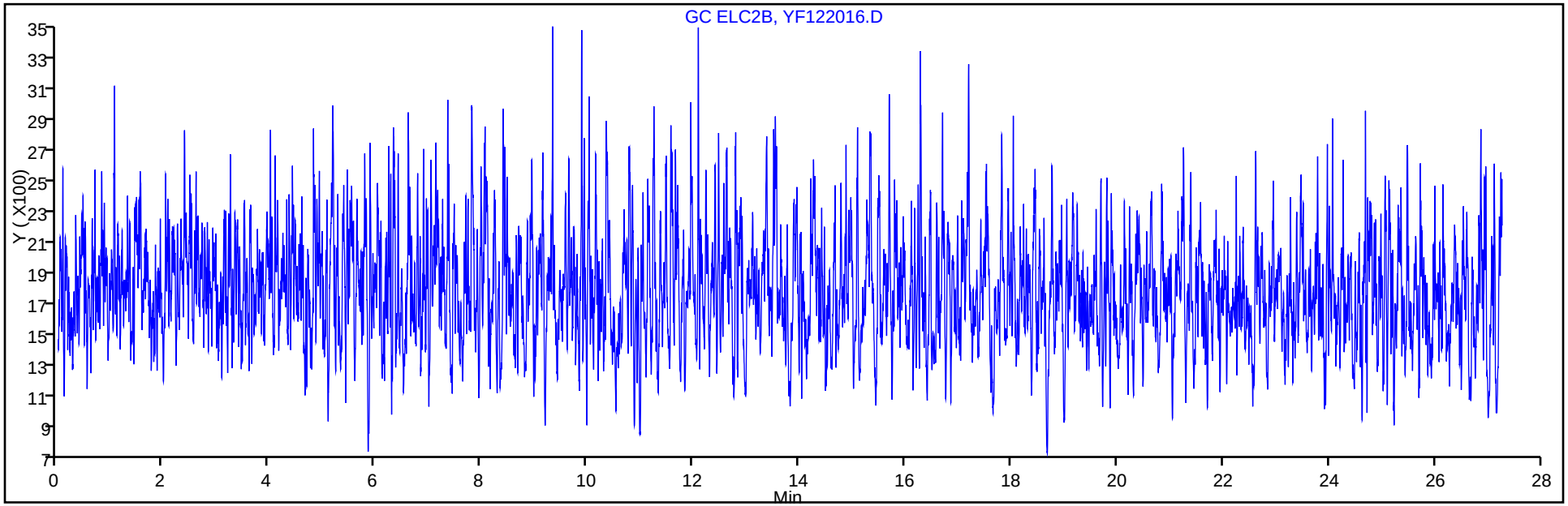
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TestAmerica Canton

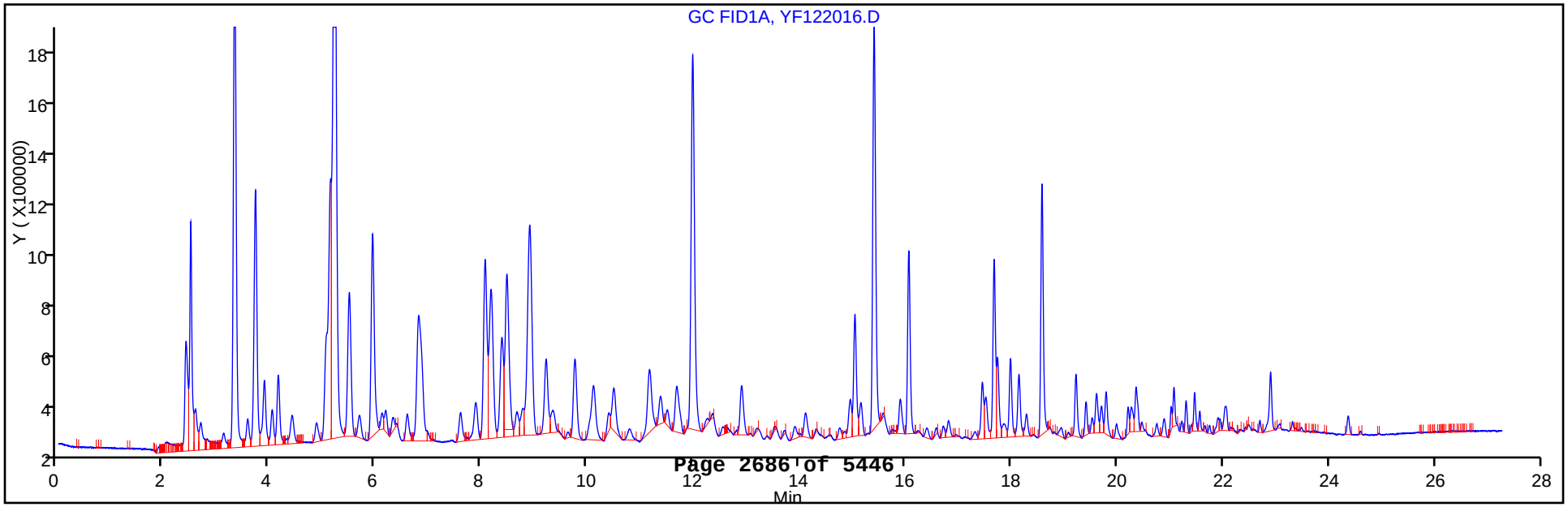
Data File: \\Ncchrom\ChromData\YPID\20121220-16046.b\YF122016.D

Injection Date:	20-Dec-2012 19:24:03	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69540	Lims Sample ID:	16
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69540/22 Calibration Date: 12/20/2012 23:16

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122022.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C10	Ave	136020	127383		749	800	-6.3	15.0
C6-C12	Lin		143206		791	800	-1.1	15.0
Trifluorotoluene (Surr)	Ave	153716	142053		9.24	10.0	-7.6	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69540/22 Calibration Date: 12/20/2012 23:16

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF122022.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.80	4.86	18.74
C6-C12	13.44	4.96	21.91
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121220-16046.b\YF122022.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	20-Dec-2012 23:16:14	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016046-022		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69540	Lims Sample ID:	22
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121220-16046.b\Y80158021.m		
Last Update:	24-Dec-2012 09:17:36	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK031		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.762	9.762	0.0	1420534	9.24	
A 5 C6-C10	2	11.803	4.864 -	18.741	101906346	749.2	
A 1 C6-C12	2	13.439	4.964 -	21.913	114564426	791.0	

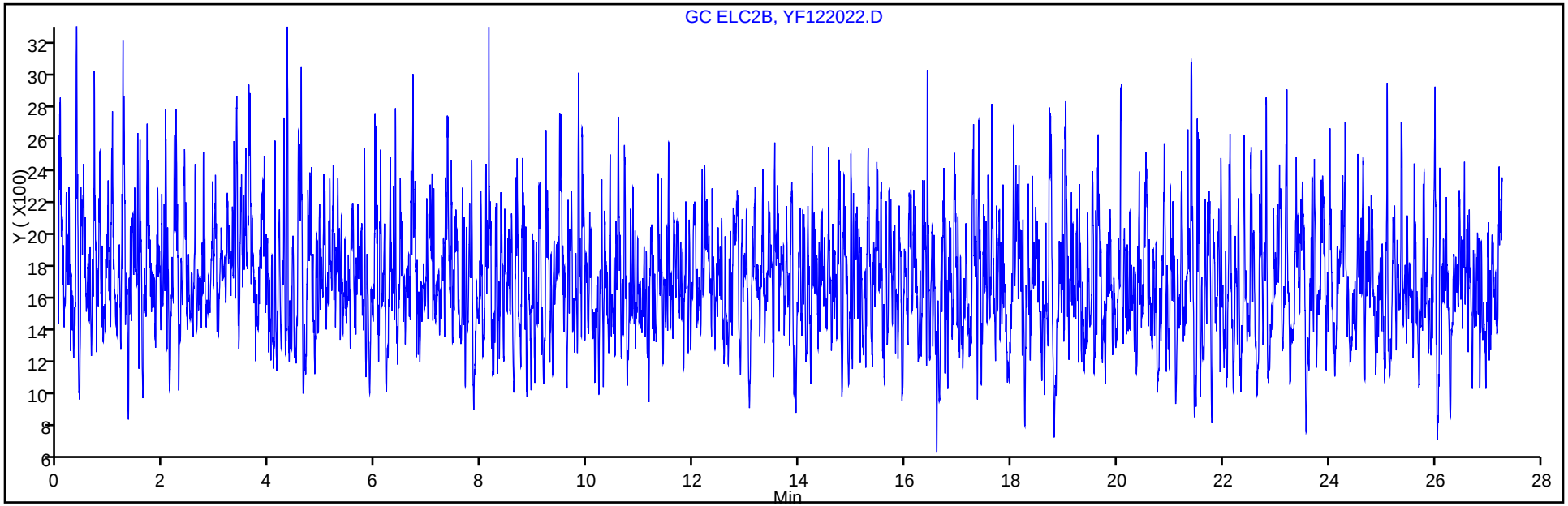
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TestAmerica Canton

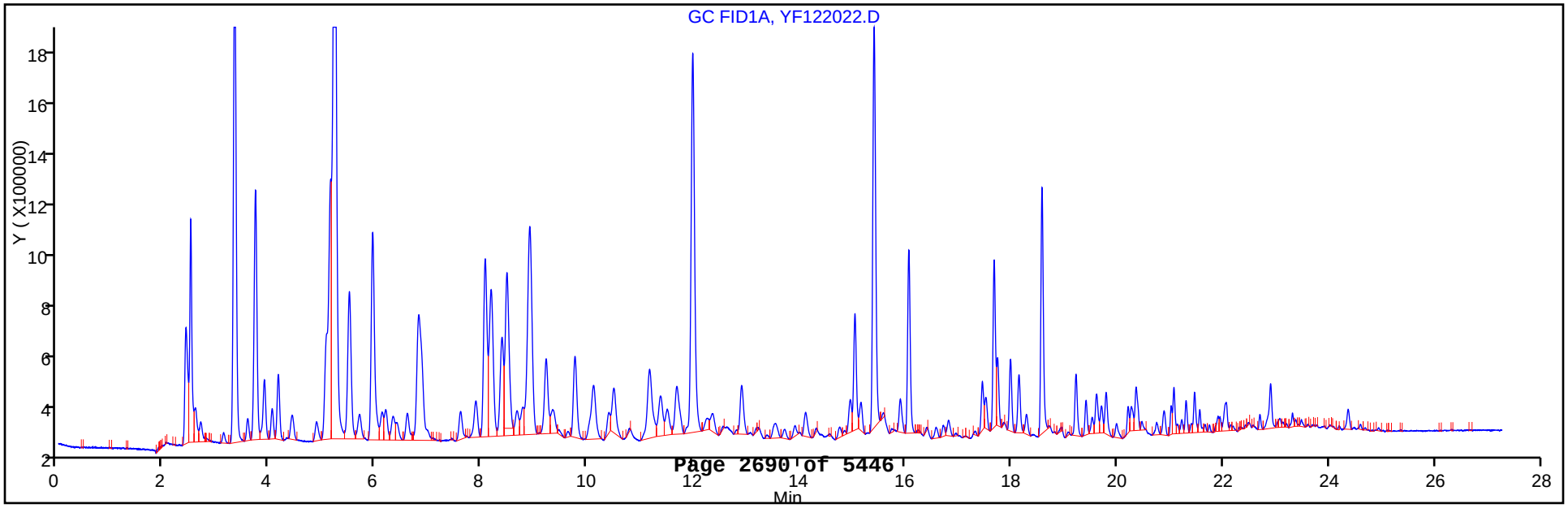
Data File: \\Ncchrom\ChromData\YPID\20121220-16046.b\YF122022.D

Injection Date:	20-Dec-2012 23:16:14	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69540	Lims Sample ID:	22
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69008/1-A

Matrix: Solid Lab File ID: YF122019.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5.00(g) Date Analyzed: 12/20/2012 21:21

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 69540 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	2500	U	5000	2500	1700

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	79		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121220-16046.b\YF122019.D
Lims ID: MB 240-69008/1-A Client ID:
Inject. Date: 20-Dec-2012 21:21:08 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016046-019
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69540 Lims Sample ID: 19
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121220-16046.b\Y80158021.m
Last Update: 24-Dec-2012 09:31:18 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK031

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2		5.137				1
12 Methyl tert-butyl ether	2		5.208				1
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.757	9.762	-0.005	1221628	7.95	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.803	4.864 -	18.741	5824435	42.8	
8 Toluene	1		11.964				1
A 1 C6-C12	2		4.964 -	21.913			
A 11 GRO	2	13.655	4.996 -	22.314	11604564	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.751	21.746	0.005	14687	0	
9 Naphthalene	2	21.938	22.060	-0.122	6073	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

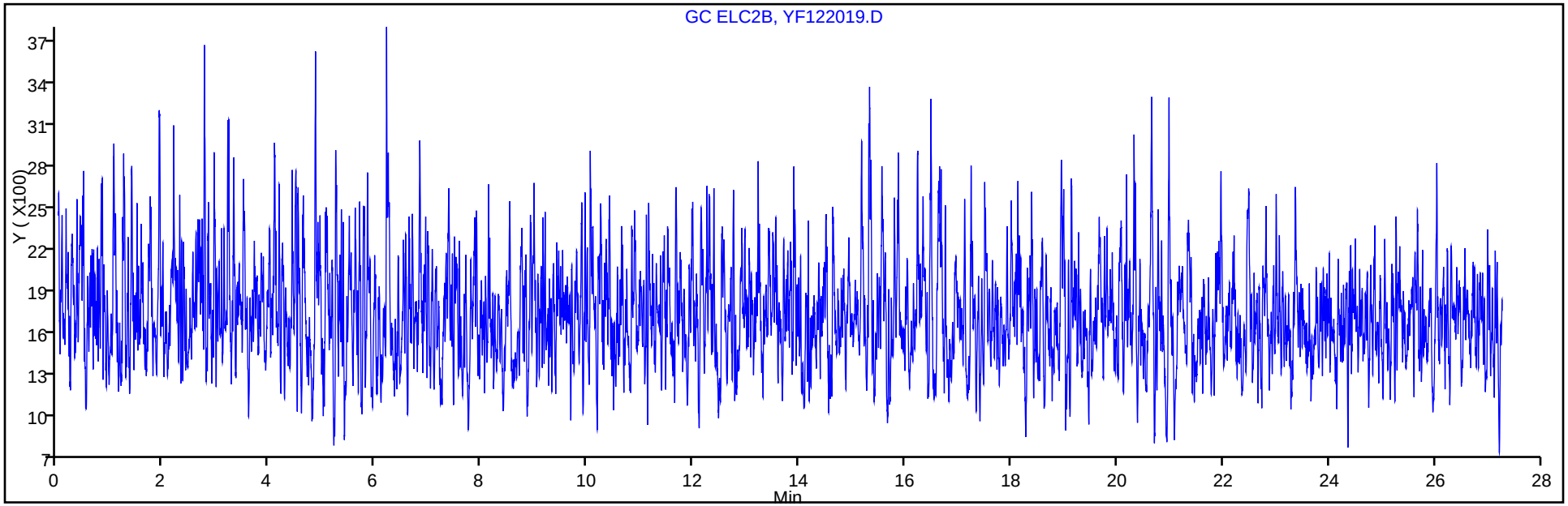
Report Date: 24-Dec-2012 09:31:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

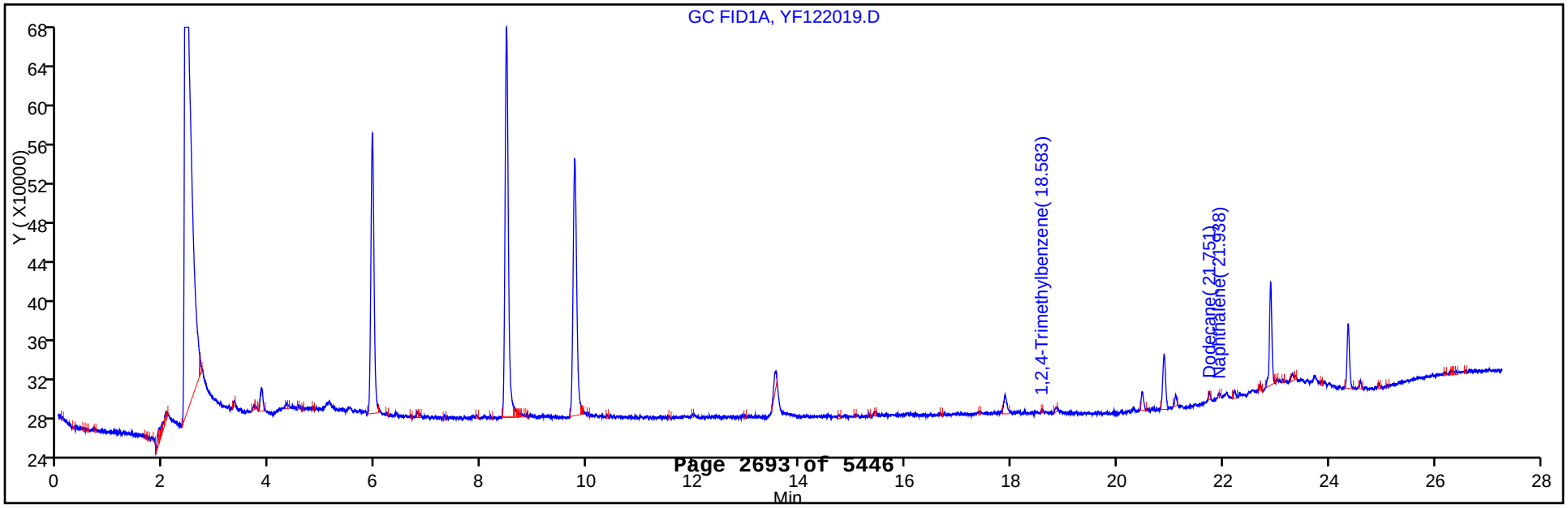
Data File: \\Ncchrom\ChromData\YPID\20121220-16046.b\YF122019.D

Injection Date:	20-Dec-2012 21:21:08	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69540	Lims Sample ID:	19
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69142/42

Matrix: Solid Lab File ID: YF121842.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/19/2012 11:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69142 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	50	U	100	50	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	80		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121842.D
Lims ID: MB Client ID:
Inject. Date: 19-Dec-2012 11:03:17 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015951-042
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69142 Lims Sample ID: 42
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121218-15951.b\Y80158021.m
Last Update: 21-Dec-2012 14:11:26 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK009

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.129	5.139	-0.010	8371	0	
12 Methyl tert-butyl ether	2		5.208				1
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.752	9.756	-0.004	1228491	7.99	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.830	4.866 -	18.794	6233722	45.8	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.488	4.966 -	22.011	10666391	29.1	
A 11 GRO	2	13.655	4.996 -	22.314	14353259	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.741	21.747	-0.006	65876	0	
9 Naphthalene	2	22.015	22.060	-0.045	7554	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

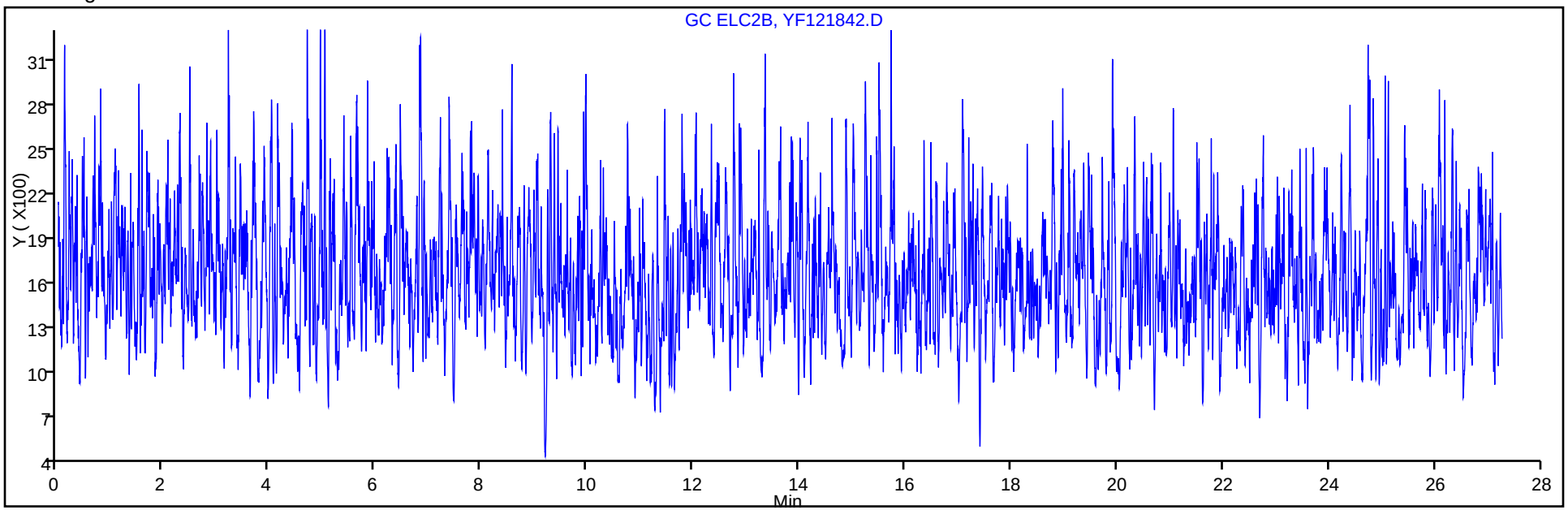
Report Date: 21-Dec-2012 14:11:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

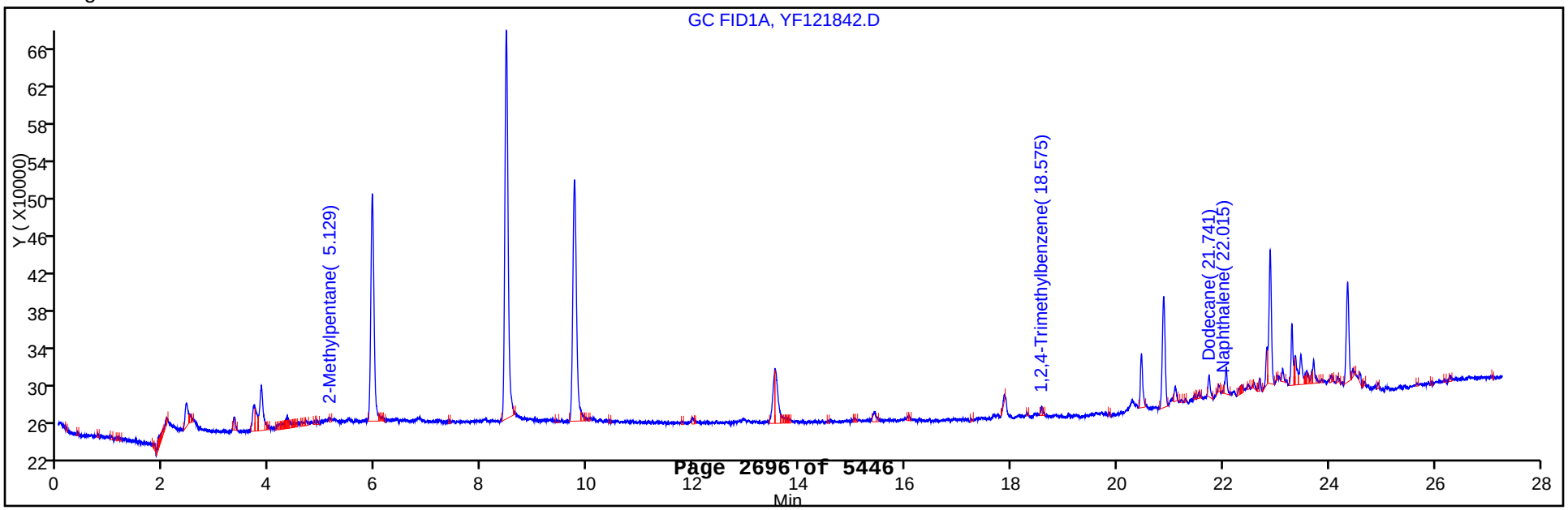
Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121842.D

Injection Date:	19-Dec-2012 11:03:17	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69142	Lims Sample ID:	42
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69540/10

Matrix: Solid Lab File ID: YF122010.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/20/2012 15:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69540 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	50	U	100	50	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	77		10-150

Report Date: 24-Dec-2012 09:17:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121220-16046.b\YF122010.D
Lims ID: MB Client ID:
Inject. Date: 20-Dec-2012 15:08:24 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016046-010
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69540 Lims Sample ID: 10
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121220-16046.b\Y80158021.m
Last Update: 24-Dec-2012 09:17:16 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK031

First Level Reviewer: bosworthh Date: 20-Dec-2012 15:43:27

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.109	5.137	-0.028	5604	0	
12 Methyl tert-butyl ether	2	5.072	5.208	-0.136	8904	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.756	9.760	-0.004	1190514	7.74	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.803	4.864 - 18.741		8008552	58.9	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.439	4.964 - 21.913		10773105	29.9	
A 11 GRO	2	13.655	4.996 - 22.314		14585335	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.746	21.746	0.0	86612	0	
9 Naphthalene	2	22.075	22.060	0.015	37718	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

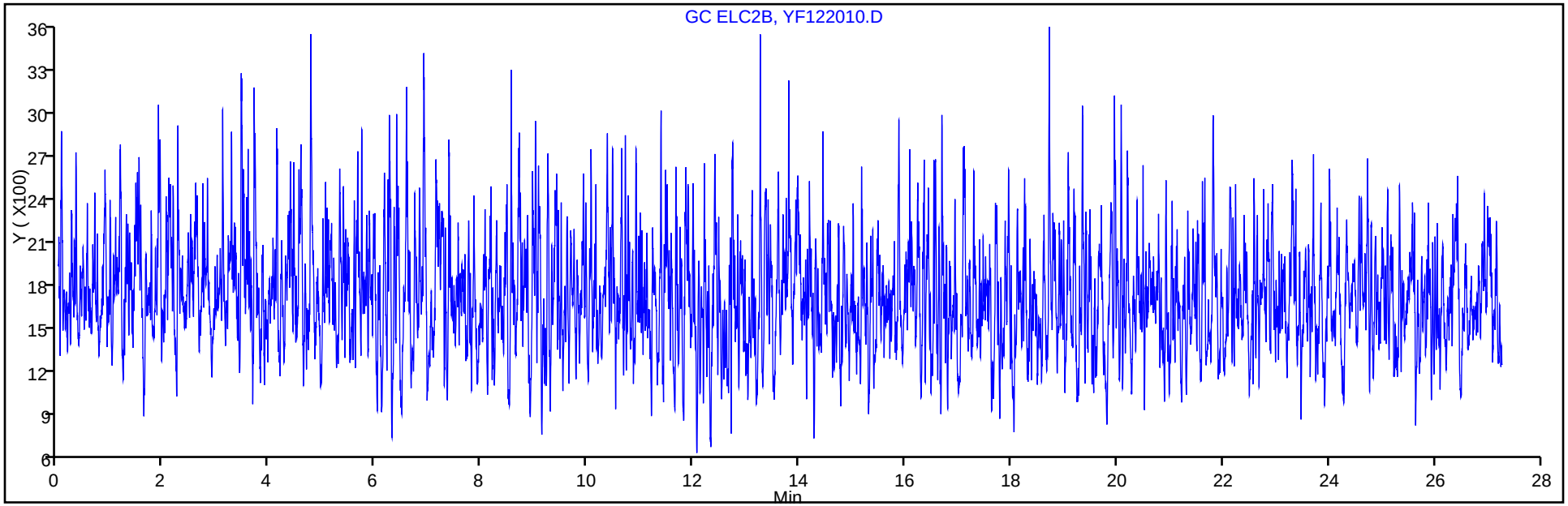
Report Date: 24-Dec-2012 09:17:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

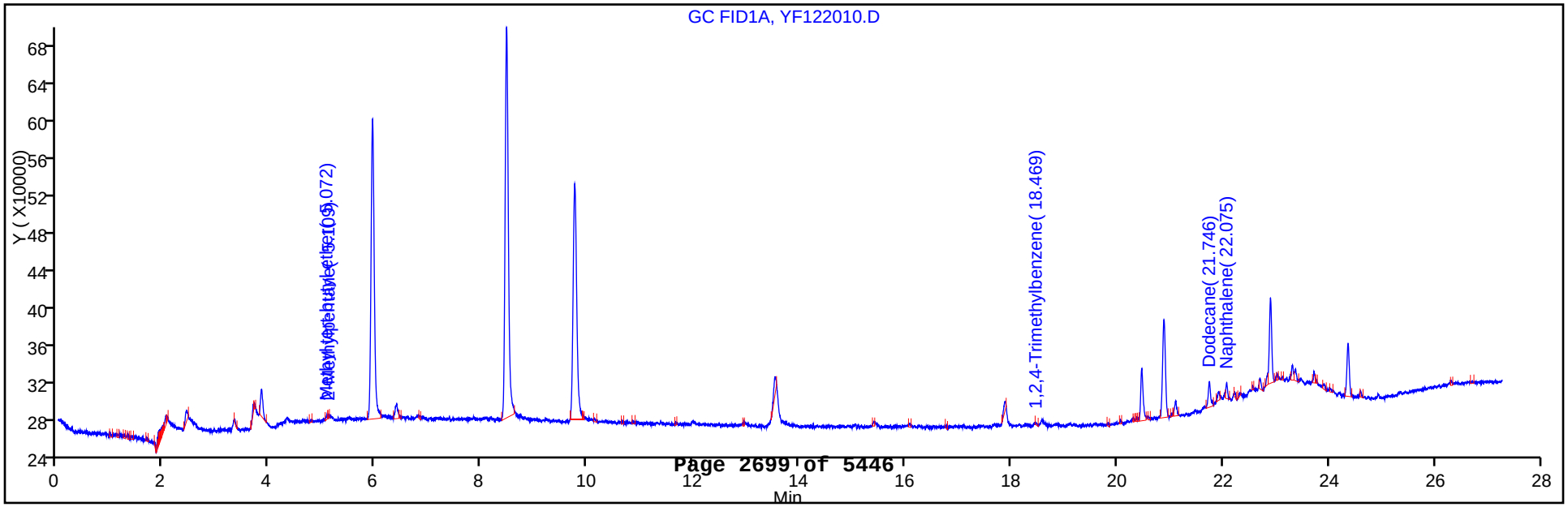
Data File: \\Ncchrom\ChromData\YPID\20121220-16046.b\YF122010.D

Injection Date:	20-Dec-2012 15:08:24	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69540	Lims Sample ID:	10
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69008/2-A

Matrix: Solid Lab File ID: YF122020.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5.00(g) Date Analyzed: 12/20/2012 21:59

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 69540 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	44900		5000	2500	1700

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	93		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121220-16046.b\YF122020.D		
Lims ID:	LCS 240-69008/2-A	Client ID:	
Inject. Date:	20-Dec-2012 21:59:44	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	240-0016046-020		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69540	Lims Sample ID:	20
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121220-16046.b\Y80158021.m		
Last Update:	24-Dec-2012 09:31:18	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK031		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.762	9.762	0.0	1421921	9.25	
A 5 C6-C10	2	11.803	4.864 -	18.741	113491642	834.4	
A 1 C6-C12	2	13.439	4.964 -	21.913	129144441	897.9	

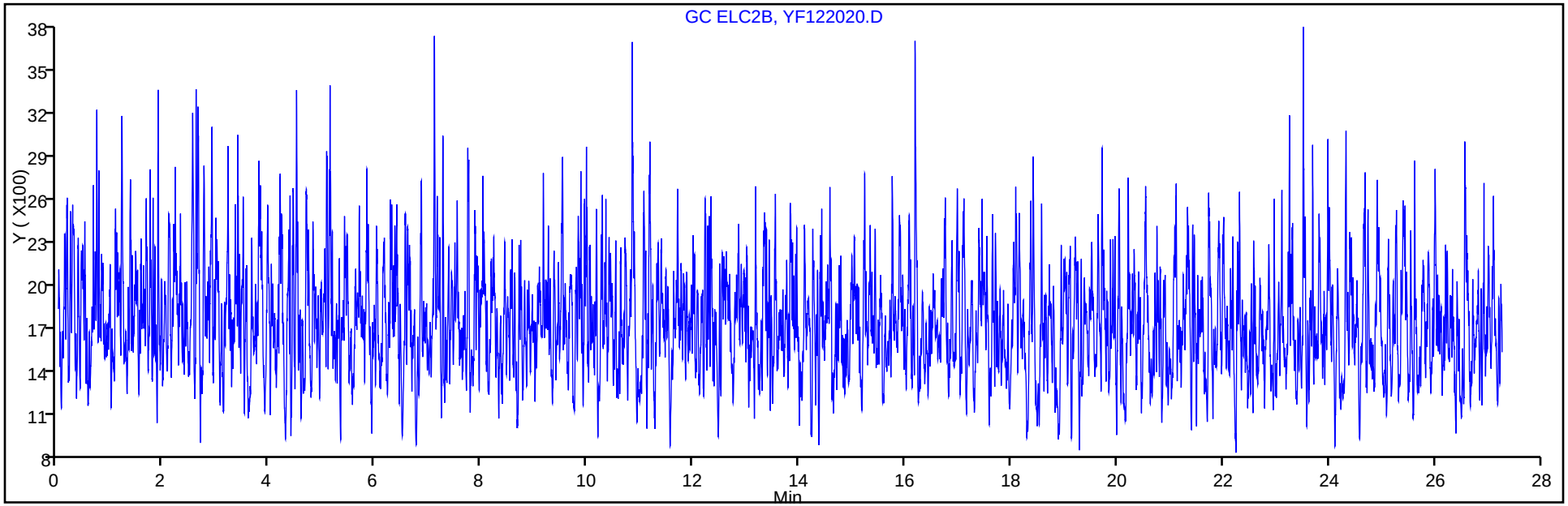
Report Date: 24-Dec-2012 09:31:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

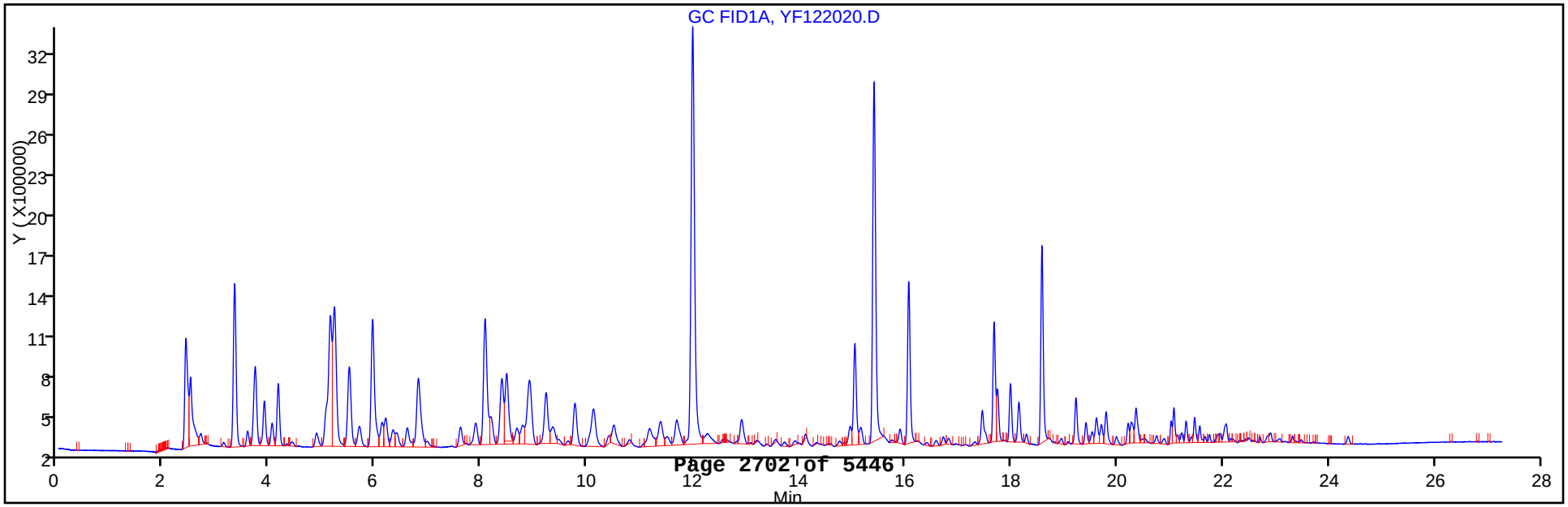
Data File: \\Ncchrom\ChromData\YPID\20121220-16046.b\YF122020.D

Injection Date:	20-Dec-2012 21:59:44	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69540	Lims Sample ID:	20
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69142/43

Matrix: Solid Lab File ID: YF121843.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/19/2012 11:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69142 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	1030		100	50	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	88		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121843.D
Lims ID: LCS Client ID:
Inject. Date: 19-Dec-2012 11:41:21 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015951-043
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69142 Lims Sample ID: 43
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121218-15951.b\Y80158021.m
Last Update: 21-Dec-2012 14:11:26 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK009

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.758	9.756	0.002	1348675	8.77	
A 5 C6-C10	2	11.830	4.866 -	18.794	127661681	938.6	
A 1 C6-C12	2	13.488	4.966 -	22.011	147234221	1030.6	

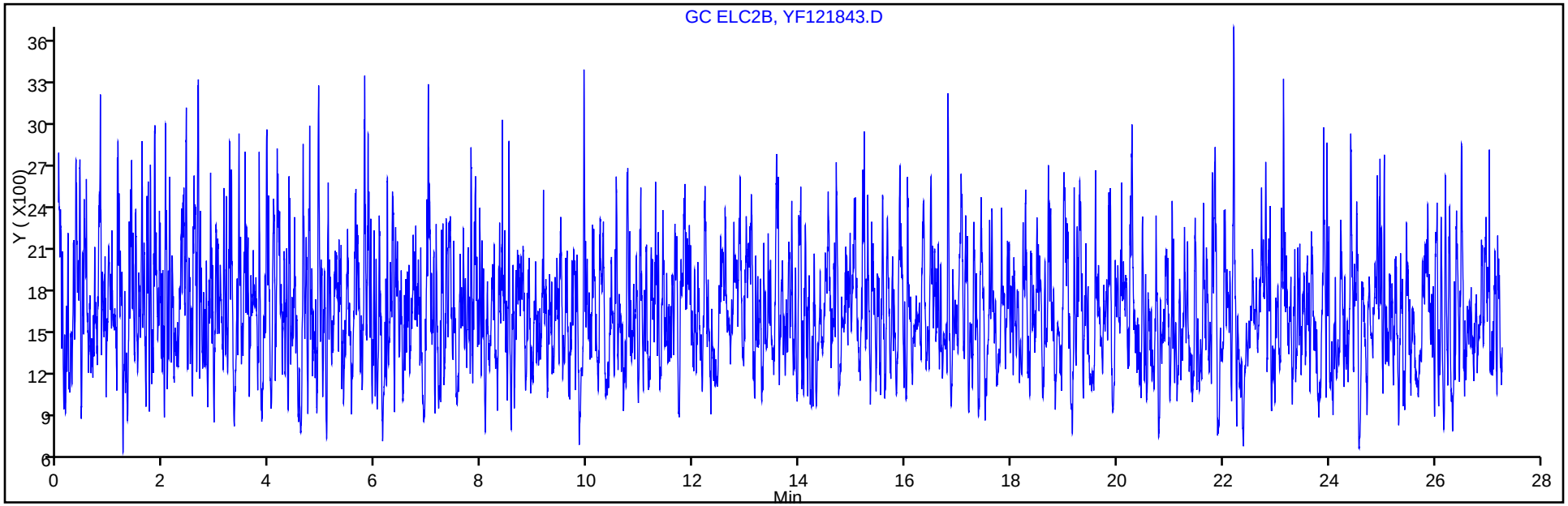
Report Date: 21-Dec-2012 14:11:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

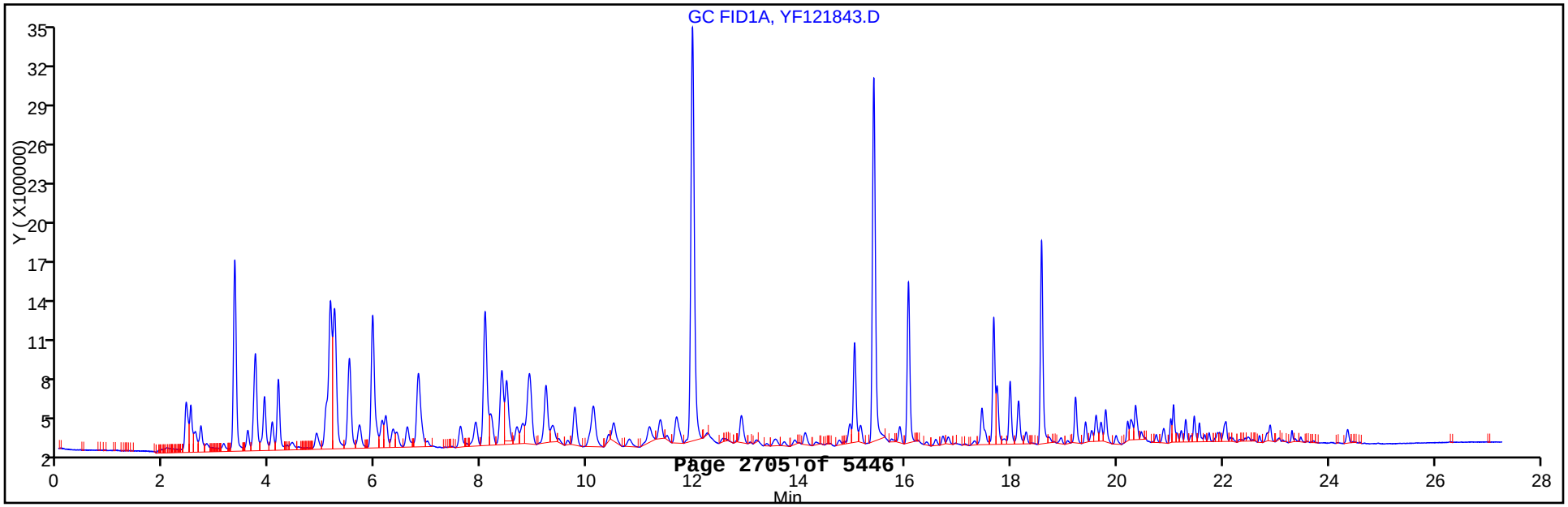
Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121843.D

Injection Date:	19-Dec-2012 11:41:21	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69142	Lims Sample ID:	43
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69540/8

Matrix: Solid Lab File ID: YF122008.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/20/2012 13:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69540 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	971		100	50	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	88		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121220-16046.b\YF122008.D		
Lims ID:	LCS	Client ID:	
Inject. Date:	20-Dec-2012 13:51:52	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	240-0016046-008		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69540	Lims Sample ID:	8
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121220-16046.b\Y80158021.m		
Last Update:	24-Dec-2012 09:17:16	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK031		
First Level Reviewer: roachc		Date:	20-Dec-2012 14:30:41

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.762	9.760	0.002	1358263	8.84	
A 5 C6-C10	2	11.803	4.864 -	18.741	121541415	893.6	
A 1 C6-C12	2	13.439	4.964 -	21.913	139180088	971.5	

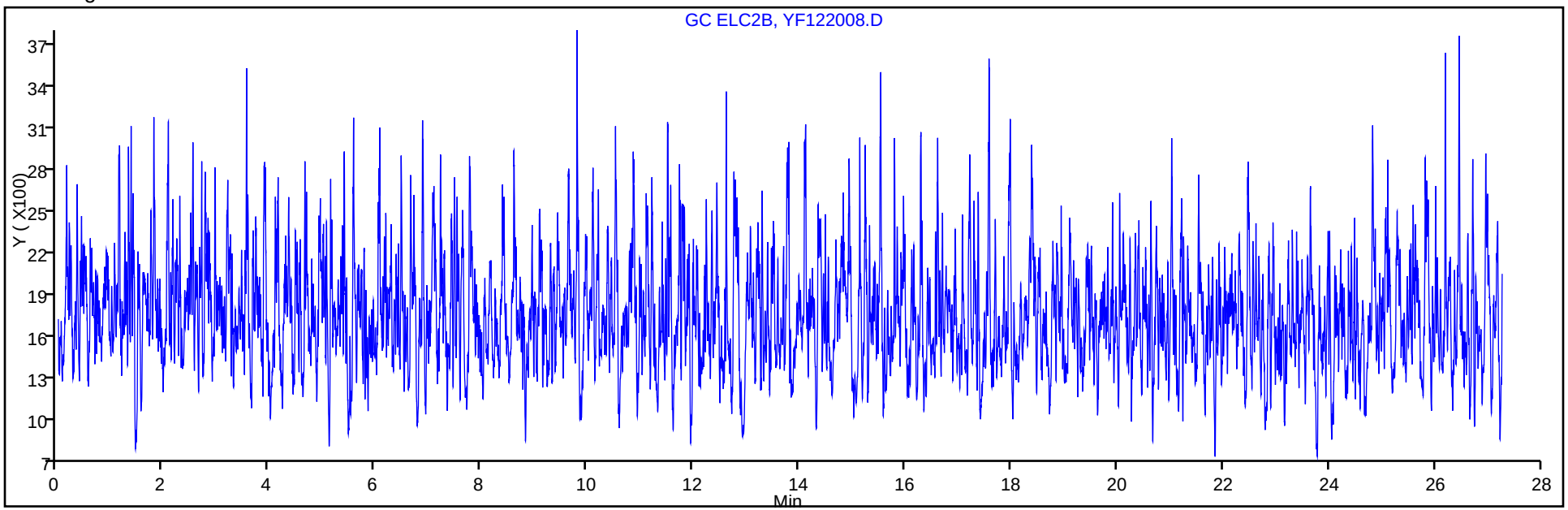
Report Date: 24-Dec-2012 09:17:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

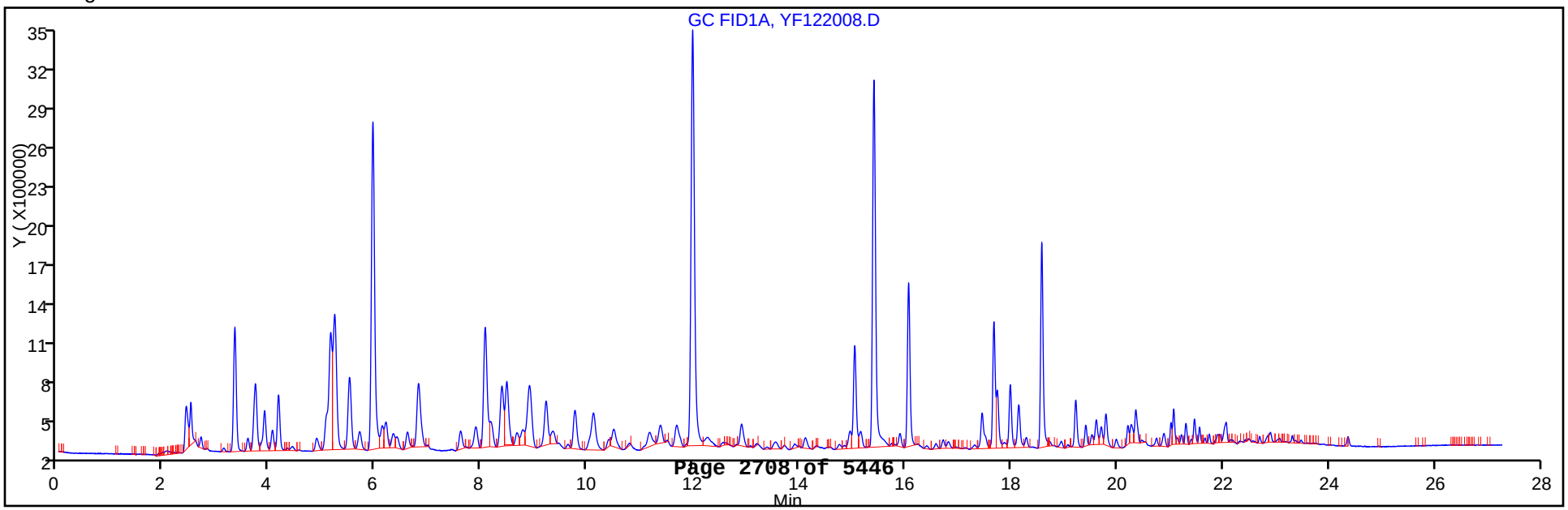
Data File: \\Ncchrom\ChromData\YPID\20121220-16046.b\YF122008.D

Injection Date:	20-Dec-2012 13:51:52	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69540	Lims Sample ID:	8
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69142/32

Matrix: Solid Lab File ID: YF121832.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/19/2012 04:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69142 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	114		100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	80		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121832.D
Lims ID: MRL
Client ID:
Inject. Date: 19-Dec-2012 04:46:12
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015951-032
Misc. Info.:
Operator: 1765
Instrument ID: YPID
Purge Vol: 5.000 mL
ALS Bottle#: 1
Lims Batch ID: 69142
Lims Sample ID: 32
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121218-15951.b\Y80158021.m
Last Update: 21-Dec-2012 14:38:00
Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK009

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.137	5.139	-0.002	430368	0	
12 Methyl tert-butyl ether	2	5.218	5.208	0.010	1934265	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.757	9.760	-0.003	1227202	7.98	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.830	4.866 -	18.794	18728614	137.7	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.488	4.966 -	22.011	22288506	114.3	
A 11 GRO	2	13.655	4.996 -	22.314	25642910	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.742	21.747	-0.005	19208	0	
9 Naphthalene	2	22.067	22.060	0.007	102876	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

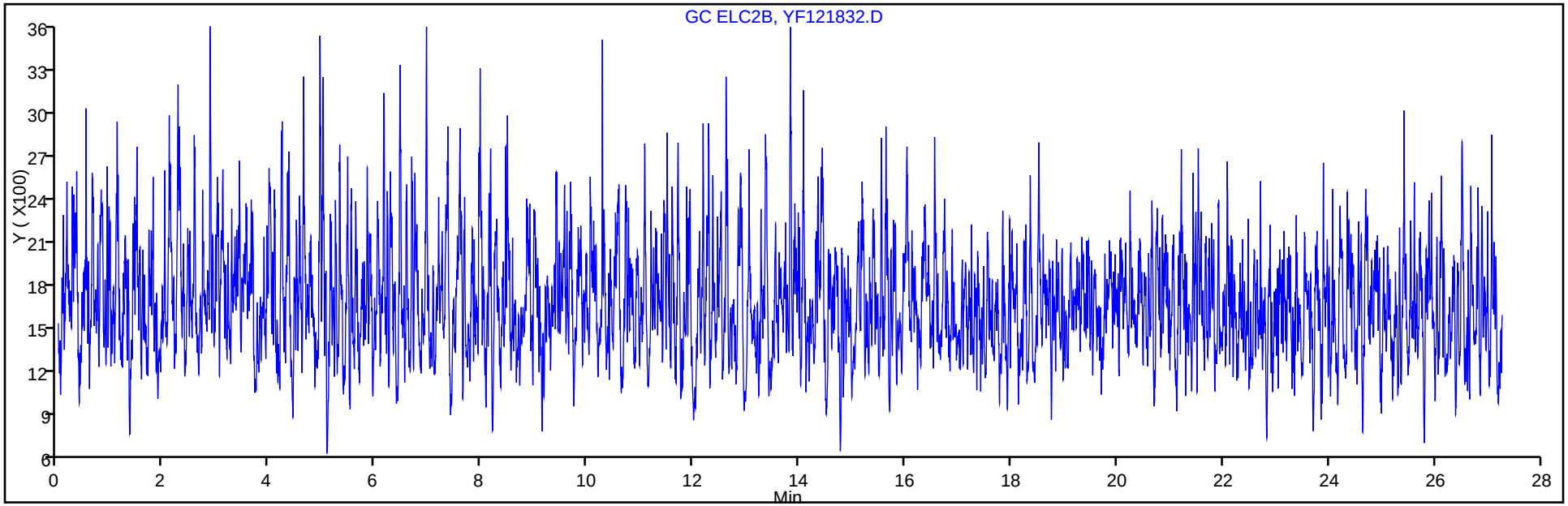
Report Date: 21-Dec-2012 14:38:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

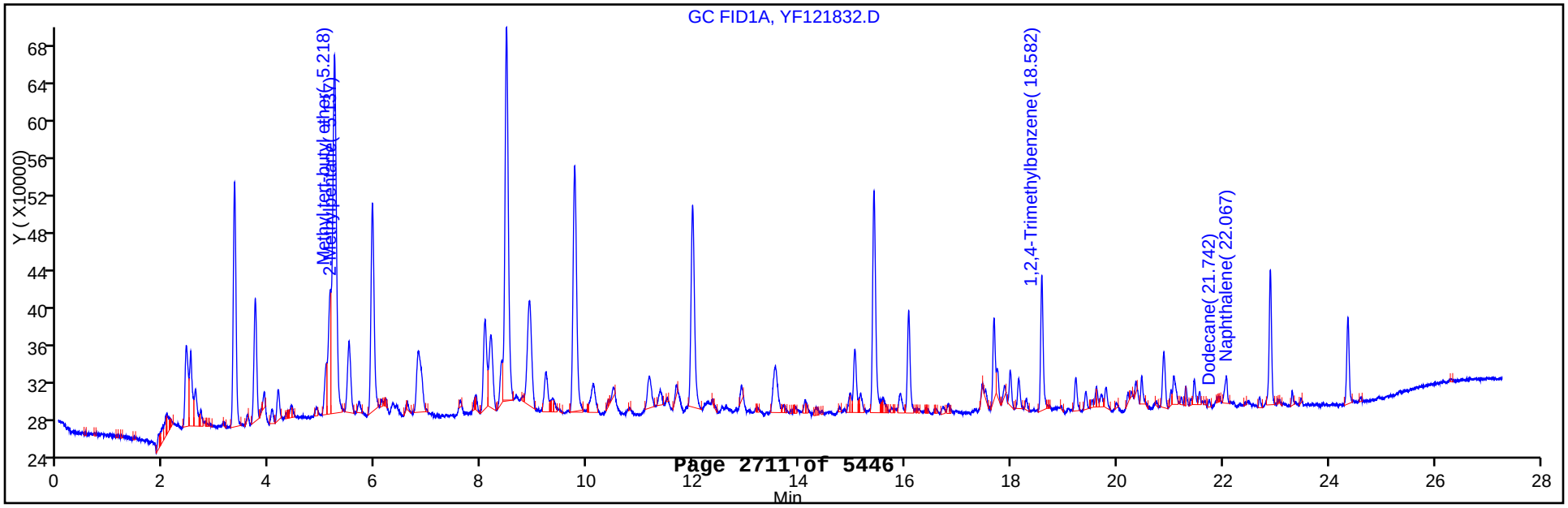
Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121832.D

Injection Date:	19-Dec-2012 04:46:12	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69142	Lims Sample ID:	32
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69142/55

Matrix: Solid Lab File ID: YF121855.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/19/2012 20:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69142 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	204	^	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	75		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121855.D
Lims ID: MRL Client ID:
Inject. Date: 19-Dec-2012 20:02:29 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015951-055
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69142 Lims Sample ID: 55
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121218-15951.b\Y80158021.m
Last Update: 21-Dec-2012 14:42:24 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK009

First Level Reviewer: bosworthh Date: 21-Dec-2012 14:42:24

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.138	5.139	-0.001	415981	0	
12 Methyl tert-butyl ether	2	5.218	5.208	0.010	1516844	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.758	9.758	0.0	1145187	7.45	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.830	4.866 - 18.794		17889979	131.5	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.488	4.966 - 22.011		34506457	203.9	
A 11 GRO	2	13.655	4.996 - 22.314		42056423	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.733	21.747	-0.014	11133	0	
9 Naphthalene	2	22.018	22.060	-0.042	201252	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

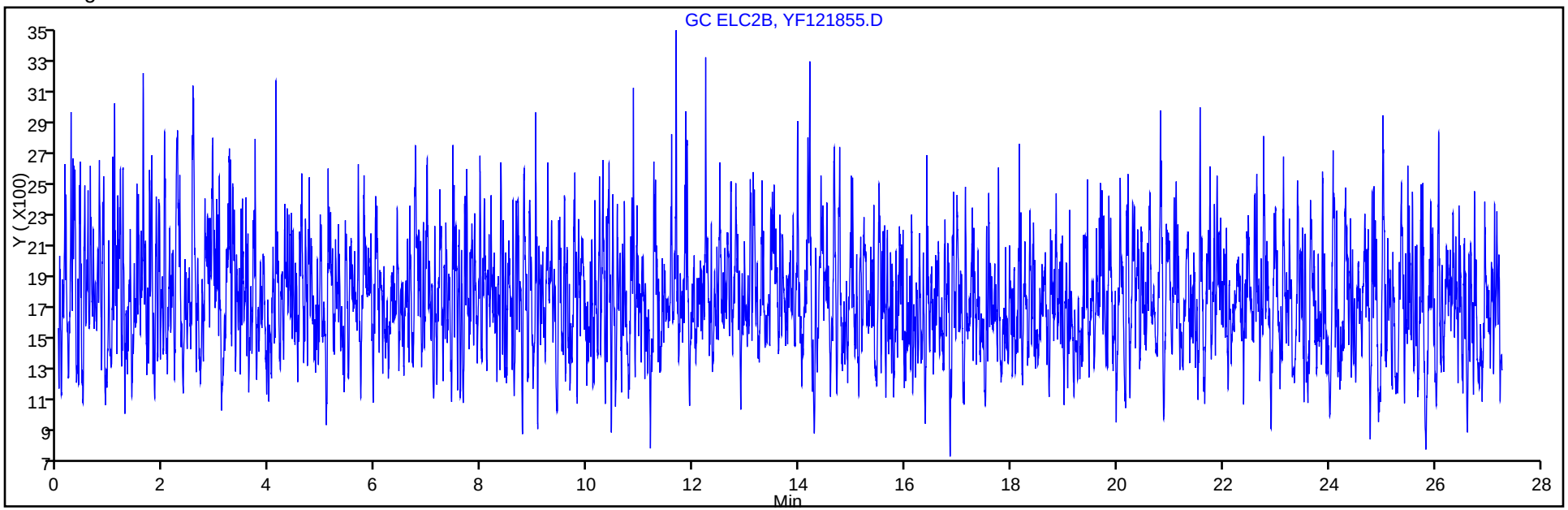
Report Date: 21-Dec-2012 14:42:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

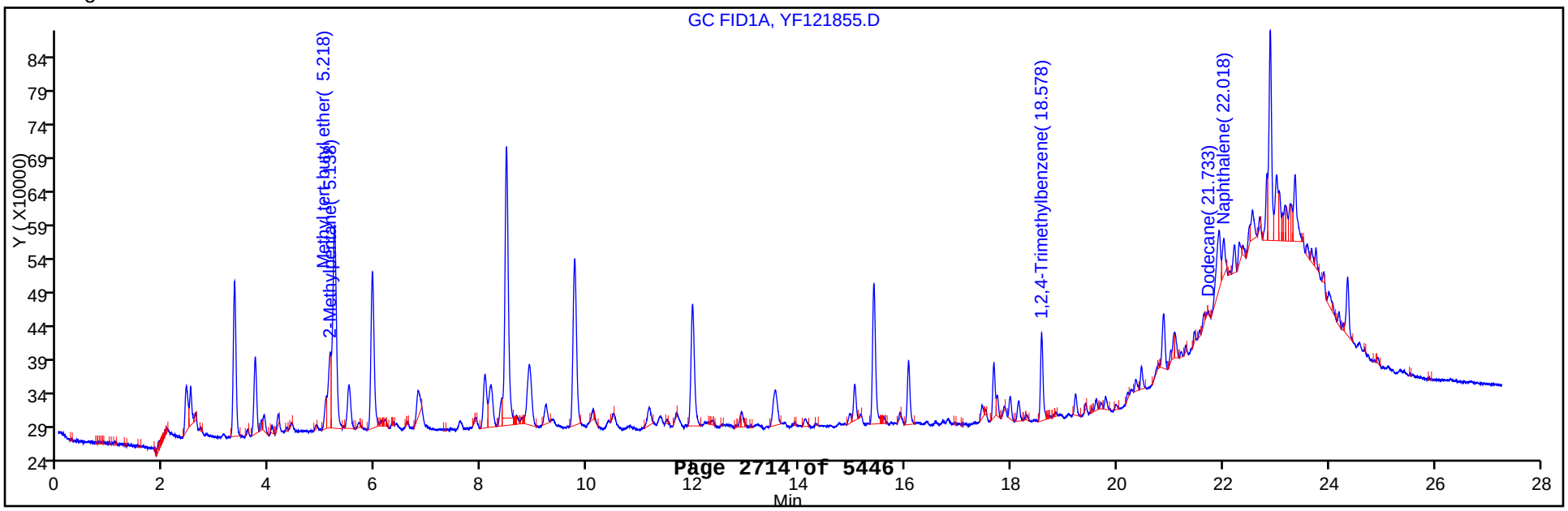
Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121855.D

Injection Date:	19-Dec-2012 20:02:29	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69142	Lims Sample ID:	55
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69540/6

Matrix: Solid Lab File ID: YF122006.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 12:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69540 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	90.2	J	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	78		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121220-16046.b\YF122006.D
Lims ID: MRL Client ID:
Inject. Date: 20-Dec-2012 12:35:36 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016046-006
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69540 Lims Sample ID: 6
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121220-16046.b\Y80158021.m
Last Update: 24-Dec-2012 09:17:16 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK031

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.142	5.137	0.005	396077	0	
12 Methyl tert-butyl ether	2	5.219	5.208	0.011	1375924	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.755	9.760	-0.005	1201008	7.81	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.803	4.864 -	18.741	14845184	109.1	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.439	4.964 -	21.913	19005716	90.2	
A 11 GRO	2	13.655	4.996 -	22.314	23297159	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.741	21.746	-0.005	173081	0	
9 Naphthalene	2	22.067	22.060	0.007	255462	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

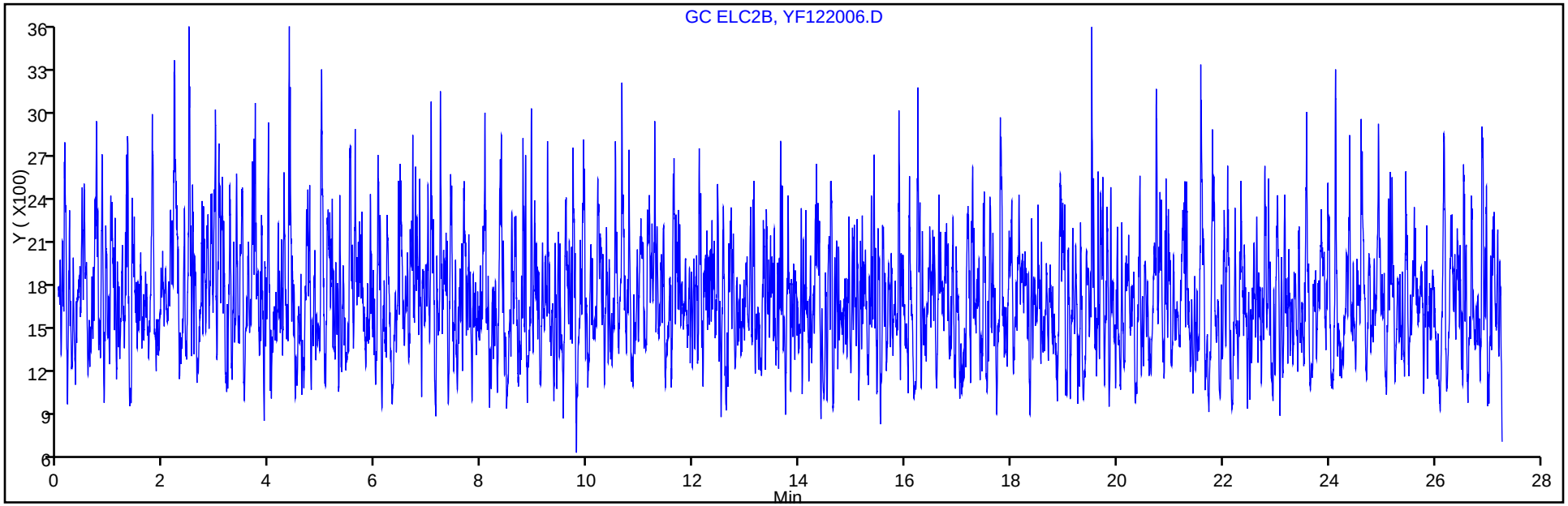
Report Date: 24-Dec-2012 09:17:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

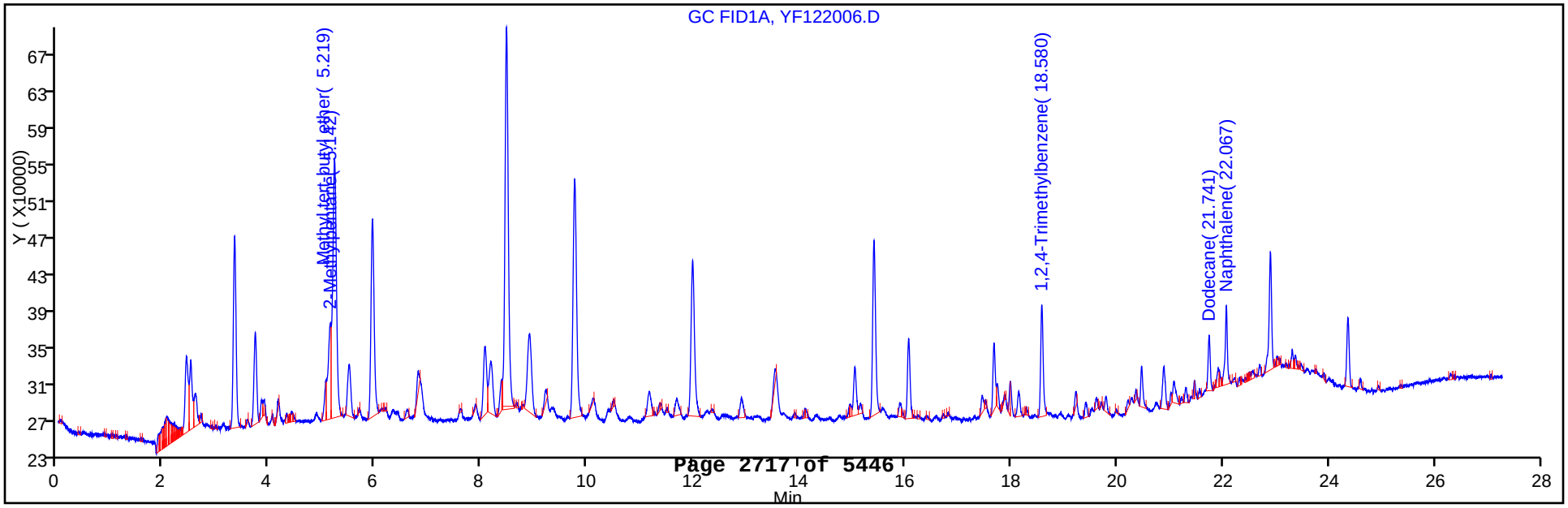
Data File: \\Ncchrom\ChromData\YPID\20121220-16046.b\YF122006.D

Injection Date:	20-Dec-2012 12:35:36	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69540	Lims Sample ID:	6
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69540/23

Matrix: Solid Lab File ID: YF122023.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 23:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 69540 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	96.4	J	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	78		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121220-16046.b\YF122023.D
Lims ID: MRL Client ID:
Inject. Date: 20-Dec-2012 23:54:55 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016046-023
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69540 Lims Sample ID: 23
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121220-16046.b\Y80158021.m
Last Update: 24-Dec-2012 09:17:36 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK031

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.139	5.137	0.002	385465	0	
12 Methyl tert-butyl ether	2	5.217	5.208	0.009	1397031	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.760	9.762	-0.002	1202892	7.83	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.803	4.864 -	18.741	15806190	116.2	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.439	4.964 -	21.913	19840866	96.4	
A 11 GRO	2	13.655	4.996 -	22.314	23609932	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.751	21.746	0.005	30226	0	
9 Naphthalene	2	22.032	22.060	-0.028	26151	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

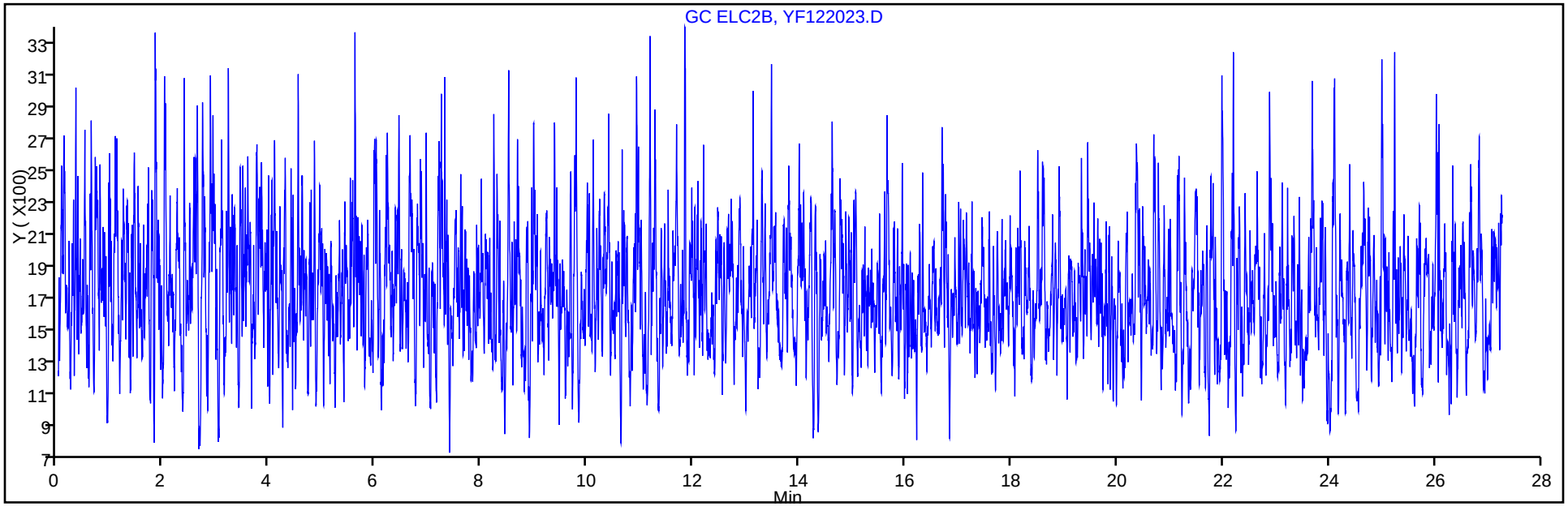
Report Date: 24-Dec-2012 09:17:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

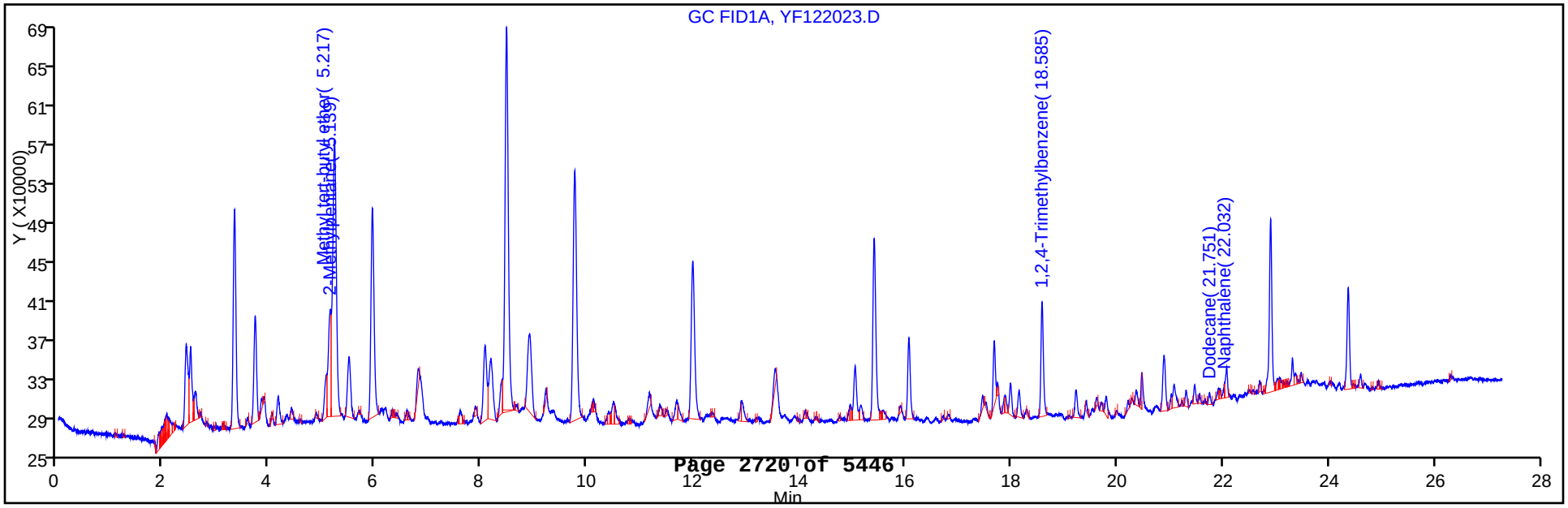
Data File: \\Ncchrom\ChromData\YPID\20121220-16046.b\YF122023.D

Injection Date:	20-Dec-2012 23:54:55	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69540	Lims Sample ID:	23
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO MS Lab Sample ID: 240-18544-1 MS

Matrix: Solid Lab File ID: YF121845.D

Analysis Method: 8015B Date Collected: 12/06/2012 09:22

Sample wt/vol: 6.261(g) Date Analyzed: 12/19/2012 12:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 11.2 Level: (low/med) Low

Analysis Batch No.: 69142 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	624		90	45	41

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	87		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121845.D
Lims ID: 240-18544-B-1-F MS
Client ID: 072SB-0063-0002-SO
Inject. Date: 19-Dec-2012 12:57:09
Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015951-045
Misc. Info.:
Operator: 1765
Instrument ID: YPID
Purge Vol: 5.000 mL
ALS Bottle#: 1
Lims Batch ID: 69142
Lims Sample ID: 45
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121218-15951.b\Y80158021.m
Last Update: 21-Dec-2012 14:11:26
Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK009

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.140	5.139	0.001	4632102	0	
12 Methyl tert-butyl ether	2	5.219	5.208	0.011	3950706	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.759	9.756	0.003	1341345	8.73	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.830	4.866 -	18.794	89427264	657.5	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.488	4.966 -	22.011	101312391	693.8	
A 11 GRO	2	13.655	4.996 -	22.314	105760665	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.739	21.747	-0.008	88946	0	
9 Naphthalene	2	22.055	22.060	-0.005	373300	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

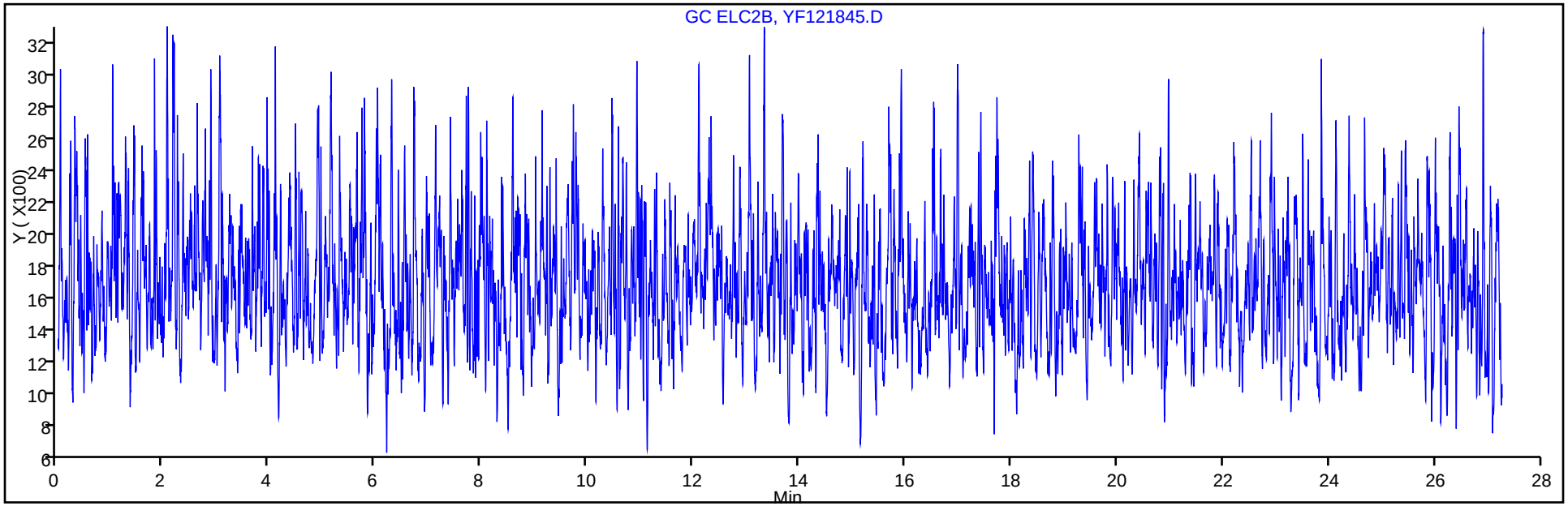
Report Date: 21-Dec-2012 14:11:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

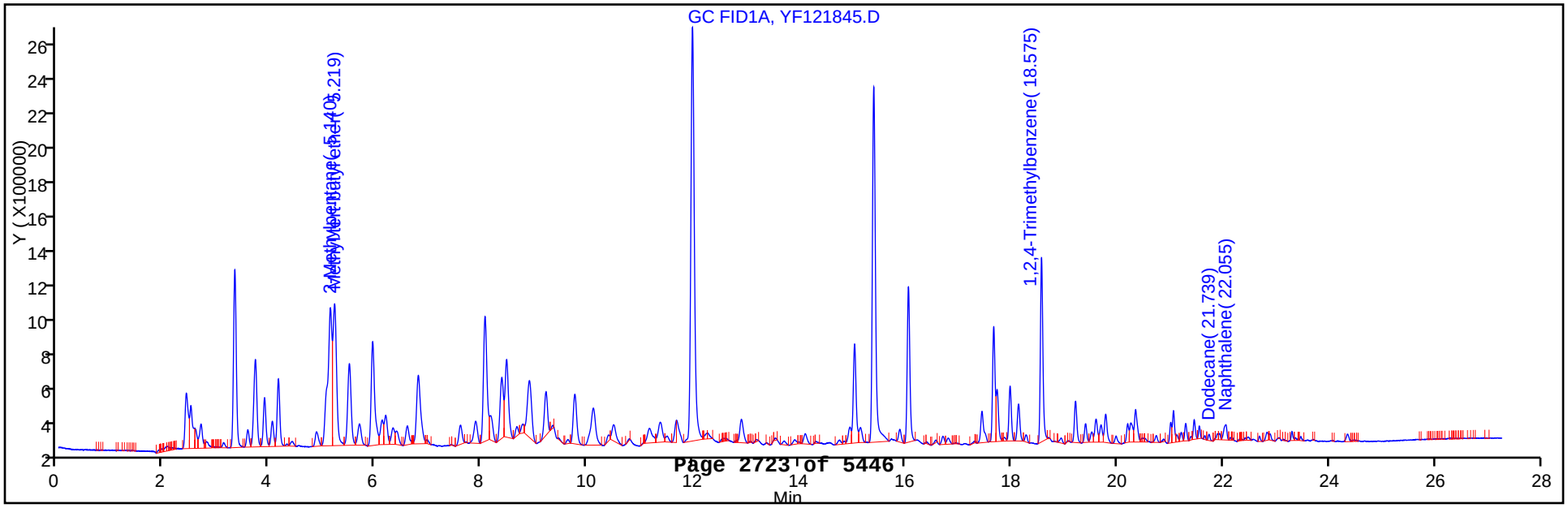
Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121845.D

Injection Date:	19-Dec-2012 12:57:09	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0063-0002-SO	Instrument ID:	YPID
Lims Batch ID:	69142	Lims Sample ID:	45
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO MSD Lab Sample ID: 240-18544-1 MSD

Matrix: Solid Lab File ID: YF121846.D

Analysis Method: 8015B Date Collected: 12/06/2012 09:22

Sample wt/vol: 6.256(g) Date Analyzed: 12/19/2012 13:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 11.2 Level: (low/med) Low

Analysis Batch No.: 69142 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	614		90	45	41

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	86		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121846.D
Lims ID: 240-18544-B-1-G MSD
Client ID: 072SB-0063-0002-SO
Inject. Date: 19-Dec-2012 13:35:24
Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015951-046
Misc. Info.:
Operator: 1765
Instrument ID: YPID
Purge Vol: 5.000 mL
ALS Bottle#: 1
Lims Batch ID: 69142
Lims Sample ID: 46
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121218-15951.b\Y80158021.m
Last Update: 21-Dec-2012 14:11:26
Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK009

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.141	5.139	0.002	4340225	0	
12 Methyl tert-butyl ether	2	5.219	5.208	0.011	3785330	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.758	9.756	0.002	1326757	8.63	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.830	4.866 - 18.794		87383101	642.4	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.488	4.966 - 22.011		99766394	682.5	
A 11 GRO	2	13.655	4.996 - 22.314		104250840	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.740	21.747	-0.007	111621	0	
9 Naphthalene	2	22.060	22.060	0.0	408966	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

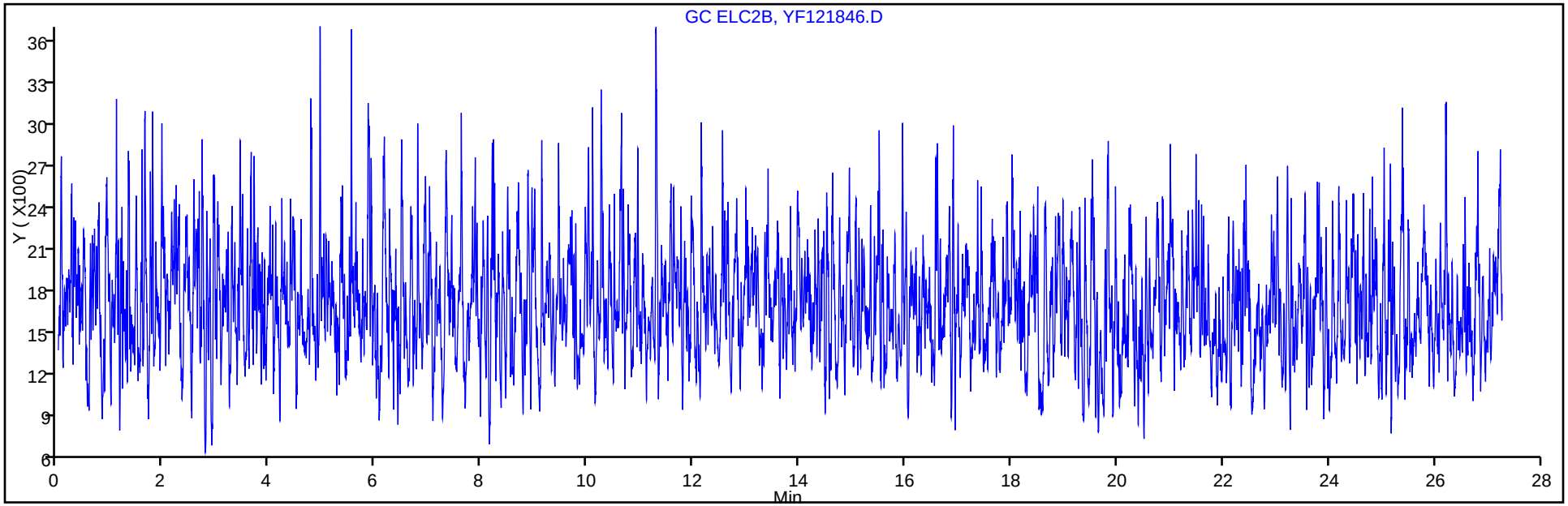
Report Date: 21-Dec-2012 14:11:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

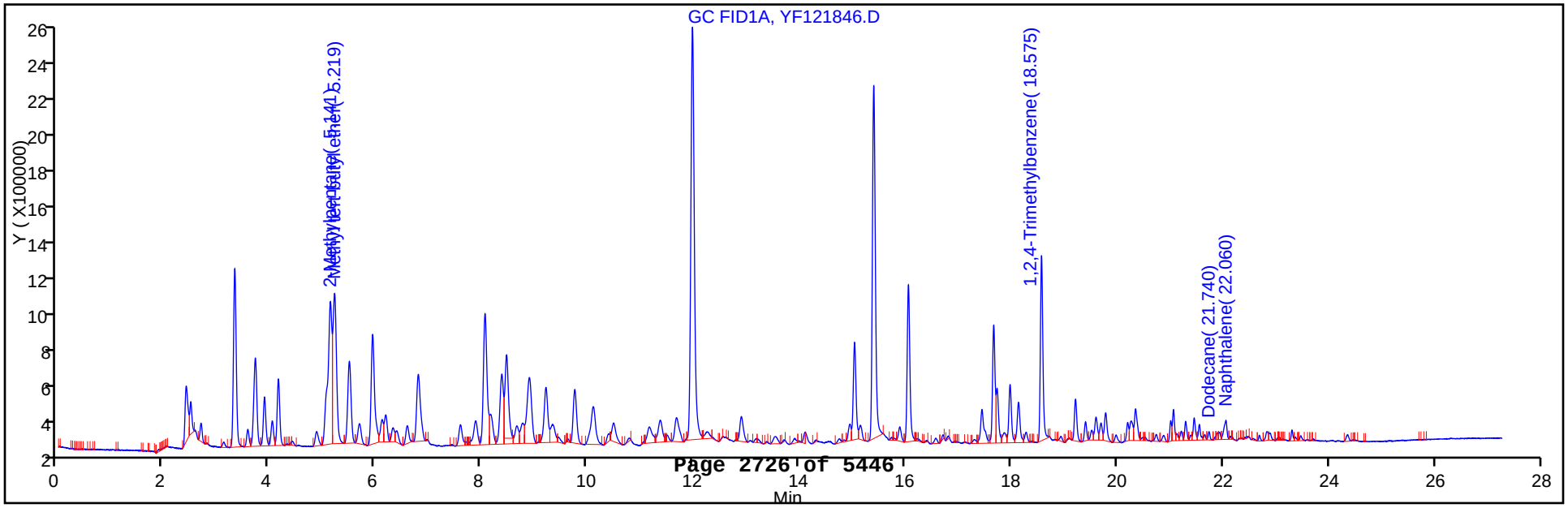
Data File: \\Ncchrom\ChromData\YPID\20121218-15951.b\YF121846.D

Injection Date:	19-Dec-2012 13:35:24	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0063-0002-SO	Instrument ID:	YPID
Lims Batch ID:	69142	Lims Sample ID:	46
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: YPID Start Date: 08/15/2012 17:16

Analysis Batch Number: 54511 End Date: 08/16/2012 06:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/15/2012 17:16	1		RTX-VRX 0.45(mm)
ZZZZZ		08/15/2012 17:57	1		RTX-VRX 0.45(mm)
STD1 240-54511/6 IC		08/15/2012 18:36	1	YF081506.D	RTX-VRX 0.45(mm)
STD2 240-54511/7 IC		08/15/2012 19:17	1	YF081507.D	RTX-VRX 0.45(mm)
STD3 240-54511/8 IC		08/15/2012 19:58	1	YF081508.D	RTX-VRX 0.45(mm)
STD4 240-54511/9 ICRT		08/15/2012 20:39	1	YF081509.D	RTX-VRX 0.45(mm)
STD5 240-54511/10 IC		08/15/2012 21:19	1	YF081510.D	RTX-VRX 0.45(mm)
STD6 240-54511/11 IC		08/15/2012 22:00	1	YF081511.D	RTX-VRX 0.45(mm)
ICV 240-54511/12		08/15/2012 22:40	1	YF081512.D	RTX-VRX 0.45(mm)
ZZZZZ		08/15/2012 23:21	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 00:02	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 00:42	200		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 01:23	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 02:03	100		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 02:43	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 03:24	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 04:05	1000		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 04:45	5		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 05:26	1		RTX-VRX 0.45(mm)
CCV 240-54511/23		08/16/2012 06:06	1		RTX-VRX 0.45(mm)

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: YPID Start Date: 12/18/2012 09:08

Analysis Batch Number: 69142 End Date: 12/20/2012 03:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		12/18/2012 09:08	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 09:08	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 09:46	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 09:46	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 10:24	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 10:24	1		RTX-VRX 0.45(mm)
CCV 240-69142/5 CCVRT		12/18/2012 11:39	1	YF121805.D	RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 12:17	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 12:17	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 12:55	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 12:55	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 13:33	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 14:11	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 14:11	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 14:49	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 14:49	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 15:27	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 15:27	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 16:05	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 16:43	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 17:21	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 18:00	1		RTX-VRX 0.45(mm)
CCV 240-69142/16		12/18/2012 18:38	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 19:17	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 19:56	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 20:34	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 21:13	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 21:51	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 22:28	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 22:28	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 23:06	1		RTX-VRX 0.45(mm)
ZZZZZ		12/18/2012 23:44	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 00:22	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 01:00	1		RTX-VRX 0.45(mm)
CCV 240-69142/27		12/19/2012 01:37	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 02:15	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 02:52	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 03:30	1		RTX-VRX 0.45(mm)
CCV 240-69142/31		12/19/2012 04:08	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 04:46	1		RTX-VRX 0.45(mm)
MRL 240-69142/32		12/19/2012 04:46	1	YF121832.D	RTX-VRX 0.45(mm)
CCV 240-69142/41		12/19/2012 10:25	1	YF121841.D	RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 11:03	1		RTX-VRX 0.45(mm)
MB 240-69142/42		12/19/2012 11:03	1	YF121842.D	RTX-VRX 0.45(mm)

8015B

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: YPID Start Date: 12/18/2012 09:08

Analysis Batch Number: 69142 End Date: 12/20/2012 03:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
LCS 240-69142/43		12/19/2012 11:41	1	YF121843.D	RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 12:19	1		RTX-VRX 0.45(mm)
240-18544-1	072SB-0063-0001-SO	12/19/2012 12:19	1	YF121844.D	RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 12:57	1		RTX-VRX 0.45(mm)
240-18544-1 MS	072SB-0063-0001-SO MS	12/19/2012 12:57	1	YF121845.D	RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 13:35	1		RTX-VRX 0.45(mm)
240-18544-1 MSD	072SB-0063-0001-SO MSD	12/19/2012 13:35	1	YF121846.D	RTX-VRX 0.45(mm)
240-18544-2	072SB-0064-0001-SO	12/19/2012 14:13	1	YF121847.D	RTX-VRX 0.45(mm)
240-18544-3	072SB-0065-0001-SO	12/19/2012 14:51	1	YF121848.D	RTX-VRX 0.45(mm)
240-18544-4	072SB-0066-0001-SO	12/19/2012 15:29	1	YF121849.D	RTX-VRX 0.45(mm)
CCV 240-69142/52		12/19/2012 18:07	1	YF121852.D	RTX-VRX 0.45(mm)
CCV 240-69142/54		12/19/2012 19:24	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 20:02	1		RTX-VRX 0.45(mm)
MRL 240-69142/55		12/19/2012 20:02	1	YF121855.D	RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 20:41	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 20:41	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 21:19	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 21:57	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 22:35	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 22:35	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 23:14	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 23:14	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 23:51	1		RTX-VRX 0.45(mm)
ZZZZZ		12/19/2012 23:51	1		RTX-VRX 0.45(mm)
ZZZZZ		12/20/2012 00:29	1		RTX-VRX 0.45(mm)
ZZZZZ		12/20/2012 01:07	1		RTX-VRX 0.45(mm)
ZZZZZ		12/20/2012 01:44	1		RTX-VRX 0.45(mm)
ZZZZZ		12/20/2012 02:21	1		RTX-VRX 0.45(mm)
CCV 240-69142/66		12/20/2012 03:00	1		RTX-VRX 0.45(mm)

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: YPID Start Date: 12/20/2012 09:25

Analysis Batch Number: 69540 End Date: 12/21/2012 09:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		12/20/2012 09:25	1		RTX-VRX 0.45(mm)
ZZZZZ		12/20/2012 09:25	1		RTX-VRX 0.45(mm)
ZZZZZ		12/20/2012 10:03	1		RTX-VRX 0.45(mm)
ZZZZZ		12/20/2012 10:03	1		RTX-VRX 0.45(mm)
ZZZZZ		12/20/2012 10:41	1		RTX-VRX 0.45(mm)
ZZZZZ		12/20/2012 10:41	1		RTX-VRX 0.45(mm)
CCV 240-69540/5 CCVRT		12/20/2012 11:57	1	YF122005.D	RTX-VRX 0.45(mm)
ZZZZZ		12/20/2012 12:35	1		RTX-VRX 0.45(mm)
MRL 240-69540/6		12/20/2012 12:35	1	YF122006.D	RTX-VRX 0.45(mm)
LCS 240-69540/8		12/20/2012 13:51	1	YF122008.D	RTX-VRX 0.45(mm)
ZZZZZ		12/20/2012 15:08	1		RTX-VRX 0.45(mm)
MB 240-69540/10		12/20/2012 15:08	1	YF122010.D	RTX-VRX 0.45(mm)
CCV 240-69540/16		12/20/2012 19:24	1	YF122016.D	RTX-VRX 0.45(mm)
240-18544-6	072SB-0068-0001-SO	12/20/2012 20:02	1	YF122017.D	RTX-VRX 0.45(mm)
240-18544-18	076SB-0078-0001-SO	12/20/2012 20:42	1	YF122018.D	RTX-VRX 0.45(mm)
ZZZZZ		12/20/2012 21:21	1		RTX-VRX 0.45(mm)
MB 240-69008/1-A		12/20/2012 21:21	1	YF122019.D	RTX-VRX 0.45(mm)
LCS 240-69008/2-A		12/20/2012 21:59	1	YF122020.D	RTX-VRX 0.45(mm)
240-18544-5	072SB-0067-0001-SO	12/20/2012 22:37	1	YF122021.D	RTX-VRX 0.45(mm)
CCV 240-69540/22		12/20/2012 23:16	1	YF122022.D	RTX-VRX 0.45(mm)
ZZZZZ		12/20/2012 23:54	1		RTX-VRX 0.45(mm)
MRL 240-69540/23		12/20/2012 23:54	1	YF122023.D	RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 00:32	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 00:32	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 01:10	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 01:48	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 02:26	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 03:04	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 03:42	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 04:20	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 04:58	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 05:36	1		RTX-VRX 0.45(mm)
CCV 240-69540/33		12/21/2012 06:14	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 06:51	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 07:29	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 08:07	1		RTX-VRX 0.45(mm)
CCV 240-69540/37		12/21/2012 08:45	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 09:22	1		RTX-VRX 0.45(mm)
ZZZZZ		12/21/2012 09:22	1		RTX-VRX 0.45(mm)

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 69008 Batch Start Date: 12/17/12 12:29 Batch Analyst: Bosworth, Heather M

Batch Method: 5035 Batch End Date: 12/17/12 13:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VGGASCHK 00025	VGGASURROGATE 00017
MB 240-69008/1		5035, 8015B				5.00 g	5 mL		50 uL
LCS 240-69008/2		5035, 8015B				5.00 g	5 mL	2 mL	50 uL
240-18544-B-5	072SB-0067-0001-SO	5035, 8015B	T	+028.014 g	34.39 g	6.376 g	5 mL		50 uL

Batch Notes	
Balance ID	B045

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 69349 Batch Start Date: 12/19/12 09:13 Batch Analyst: Bosworth, Heather M

Batch Method: 5035 Batch End Date: 12/19/12 10:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
240-18544-B-1	072SB-0063-0001-SO	5035, 8015B	T	+030.255 g	36.68 g	6.425 g	5 mL		
240-18544-B-1 MS	072SB-0063-0001-SO	5035, 8015B	T	+030.259 g	36.52 g	6.261 g	5 mL		
240-18544-B-1 MSD	072SB-0063-0001-SO	5035, 8015B	T	+029.944 g	36.20 g	6.256 g	5 mL		
240-18544-B-2	072SB-0064-0001-SO	5035, 8015B	T	+030.817 g	37.52 g	6.703 g	5 mL		
240-18544-B-3	072SB-0065-0001-SO	5035, 8015B	T	+029.993 g	36.16 g	6.167 g	5 mL		
240-18544-B-4	072SB-0066-0001-SO	5035, 8015B	T	+030.321 g	37.02 g	6.699 g	5 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 69629 Batch Start Date: 12/20/12 12:59 Batch Analyst: Bosworth, Heather M

Batch Method: 5035 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
240-18544-B-6	072SB-0068-0001-SO	5035, 8015B	T	+030.596 g	36.64 g	6.044 g	5 mL		
240-18544-B-18	076SB-0078-0001-SO	5035, 8015B	T	+030.206 g	35.83 g	5.624 g	5 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8015B - DRO DOD

Diesel Range Organics (DRO) (GC) by Method 8015B DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ID:

Client Sample ID	Lab Sample ID	C9 #
072SB-0063-0001-SO	240-18544-1	63
072SB-0064-0001-SO	240-18544-2	73
072SB-0065-0001-SO	240-18544-3	59
072SB-0066-0001-SO	240-18544-4	61
072SB-0067-0001-SO	240-18544-5	63
072SB-0068-0001-SO	240-18544-6	65
076SB-0078-0001-SO	240-18544-18	54
	MB 240-69020/4-A	67
	LCS 240-69020/24-A	63
072SB-0063-0001-SO MS	240-18544-1 MS	62
072SB-0063-0001-SO MSD	240-18544-1 MSD	74

	QC LIMITS
C9 = n-Nonane	10-110

Column to be used to flag recovery values

FORM II 8015B_DRO/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ID:

Client Sample ID	Lab Sample ID	C9 #
	MRL 240-69251/9	99
	MRL 240-69251/39	83
	MRL 240-69475/4	84
	MRL 240-69475/37	108

	QC LIMITS
C9 = n-Nonane	70-130

Column to be used to flag recovery values

FORM II 8015B_DRO/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B10012.D

Lab ID: LCS 240-69020/24-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Diesel	83.3	64.9	78	47-138	

Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B10009.D

Lab ID: MRL 240-69251/9 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Diesel	100	96.3 J	96	70-130	

Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B10039.D

Lab ID: MRL 240-69251/39 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Diesel	100	86.2 J	86	70-130	

Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B10004.D

Lab ID: MRL 240-69475/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Diesel	100	81.0 J	81	70-130	

Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B10037.D

Lab ID: MRL 240-69475/37 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Diesel	100	112	112	70-130	

Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B10014.D

Lab ID: 240-18544-1 MS Client ID: 072SB-0063-0001-SO MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Diesel	93.7	10 U	76.7	82	10-199	

Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P5B10015.D

Lab ID: 240-18544-1 MSD Client ID: 072SB-0063-0001-SO MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Diesel	94.1	87.2	93	13	30	10-199	

Column to be used to flag recovery and RPD values

FORM III 8015B_DRO/DOD

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab File ID: P5B10011.D Lab Sample ID: MB 240-69020/4-A

Matrix: Solid Date Extracted: 12/17/2012 13:11

Instrument ID: A2HP5R Date Analyzed: 12/18/2012 15:13

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-69020/24-A	P5B10012.D	12/18/2012 15:43
072SB-0063-0001-SO	240-18544-1	P5B10013.D	12/18/2012 16:13
072SB-0063-0001-SO MS	240-18544-1 MS	P5B10014.D	12/18/2012 16:44
072SB-0063-0001-SO MSD	240-18544-1 MSD	P5B10015.D	12/18/2012 17:14
072SB-0064-0001-SO	240-18544-2	P5B10016.D	12/18/2012 17:44
072SB-0065-0001-SO	240-18544-3	P5B10017.D	12/18/2012 18:15
072SB-0066-0001-SO	240-18544-4	P5B10018.D	12/18/2012 18:45
072SB-0068-0001-SO	240-18544-6	P5B10020.D	12/18/2012 19:45
076SB-0078-0001-SO	240-18544-18	P5B10022.D	12/18/2012 20:46
072SB-0067-0001-SO	240-18544-5	P5B10006.D	12/19/2012 19:57

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: CCV 240-69251/10 Date Analyzed: 12/18/2012 14:43

Instrument ID: A2HP5R GC Column: ID: ()

Lab File ID (Standard): P5B10010.D Heated Purge: (Y/N) N

Calibration ID: 12515

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				C9 RT #		
CONTINUING CALIBRATION SURROGATE				3.74		
UPPER LIMIT				3.84		
LOWER LIMIT				3.64		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-69251/10 CCVRT		12/18/2012 14:43	P5B10010.D	3.74		
MB 240-69020/4-A		12/18/2012 15:13	P5B10011.D	3.72		
LCS 240-69020/24-A		12/18/2012 15:43	P5B10012.D	3.73		
240-18544-1	072SB-0063-0001-SO	12/18/2012 16:13	P5B10013.D	3.72		
240-18544-1 MS	072SB-0063-0001-SO MS	12/18/2012 16:44	P5B10014.D	3.73		
240-18544-1 MSD	072SB-0063-0001-SO MSD	12/18/2012 17:14	P5B10015.D	3.72		
240-18544-2	072SB-0064-0001-SO	12/18/2012 17:44	P5B10016.D	3.72		
240-18544-3	072SB-0065-0001-SO	12/18/2012 18:15	P5B10017.D	3.73		
240-18544-4	072SB-0066-0001-SO	12/18/2012 18:45	P5B10018.D	3.72		
240-18544-6	072SB-0068-0001-SO	12/18/2012 19:45	P5B10020.D	3.72		
CCV 240-69251/21		12/18/2012 20:16	P5B10021.D	3.74		
240-18544-18	076SB-0078-0001-SO	12/18/2012 20:46	P5B10022.D	3.72		
CCV 240-69251/32		12/19/2012 01:49	P5B10032.D	3.74		

C9 = n-Nonane

C9 RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015B_DRO/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: CCV 240-69475/5 Date Analyzed: 12/19/2012 19:27

Instrument ID: A2HP5R GC Column: ID: ()

Lab File ID (Standard): P5B10005.D Heated Purge: (Y/N) N

Calibration ID: 12515

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				C9 RT #		
CONTINUING CALIBRATION SURROGATE				3.73		
UPPER LIMIT				3.83		
LOWER LIMIT				3.63		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-69475/5 CCVRT		12/19/2012 19:27	P5B10005.D	3.73		
240-18544-5	072SB-0067-0001-SO	12/19/2012 19:57	P5B10006.D	3.73		
CCV 240-69475/11		12/19/2012 22:29	P5B10011.D	3.73		

C9 = n-Nonane

C9 RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015B_DRO/DOD

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO | Lab Sample ID: 240-18544-1

Matrix: Solid | Lab File ID: P5B10013.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/06/2012 09:22

Extraction Method: 3540C | Date Extracted: 12/17/2012 13:11

Sample wt/vol: 30.16(g) | Date Analyzed: 12/18/2012 16:13

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69251 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	10	U	19	10	10
STL00272	C20-C34	10	U	19	10	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	63		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10013.D		
Lims ID:	240-18544-U-1-A	Client ID:	072SB-0063-0001-SO
Inject. Date:	18-Dec-2012 16:13:52	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015973-013		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	63
Lims Batch ID:	69251	Lims Sample ID:	13
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m		
Last Update:	19-Dec-2012 10:48:49	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1 Tetratetracontane	26.157				1	
A 2 C28-C36	13.444 - 16.286					
A 3 C10-C34	4.869 - 15.180					
A 4 C32-C44	14.504 - 26.150					
A 5 C12-C22	6.325 - 10.769					
A 6 C22-C32	10.769 - 14.504					
7 n-Octane	2.692	2.653	0.039	8949904	0	
$ 8 n-Nonane	3.718	3.738	-0.020	9439301	63.2	
9 n-Decane	4.863	4.869	-0.006	8829	0	
10 Dodecane	6.324	6.325	-0.001	3202	0	
11 n-Tetradecane	7.421	7.422	-0.001	3611	0	
A 12 C10-C20	4.869 - 9.987					
13 Hexadecane	8.381	8.368	0.013	12169	0	
A 14 C10-C28	4.824 - 13.444					

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
A 15 Diesel					
4.869 - 13.352					
16 n-Octadecane					
9.216	9.216	0.000	7610	0	
A 17 C10-C32					
4.869 - 14.504					
18 icosane					
9.986	9.987	-0.001	34608	0	
19 n-Docosane					
10.766	10.769	-0.003	63822	0	
A 20 C12-C24					
6.325 - 11.803					
21 n-Tetracosane					
11.803	11.803	0.000	12349	0	
A 22 C20-C34					
9.987 - 15.180					
23 n-Hexacosane					
12.653	12.655	-0.002	11845	0	
24 n-Octacosane					
13.311	13.352	-0.041	108503	0	
25 Triacontane					
13.949	13.950	-0.001	18897	0	
26 Dotriacontane					
14.502	14.504	-0.002	26649	0	
27 Tetratriacontane					
15.176	15.180	-0.004	40605	0	
A 28 C24-C40					
11.803 - 19.299					
29 n-Hexatriacontane					
16.090	16.099	-0.009	29620	0	
30 C38					
17.405	17.406	-0.001	19745	0	
31 C40					
19.272	19.299	-0.027	2460	0	
A 32 C20-C36					
9.987 - 16.099					
A 34 C24-C44					
11.803 - 26.157					
A 35 C10-C24					
4.824 - 11.867					

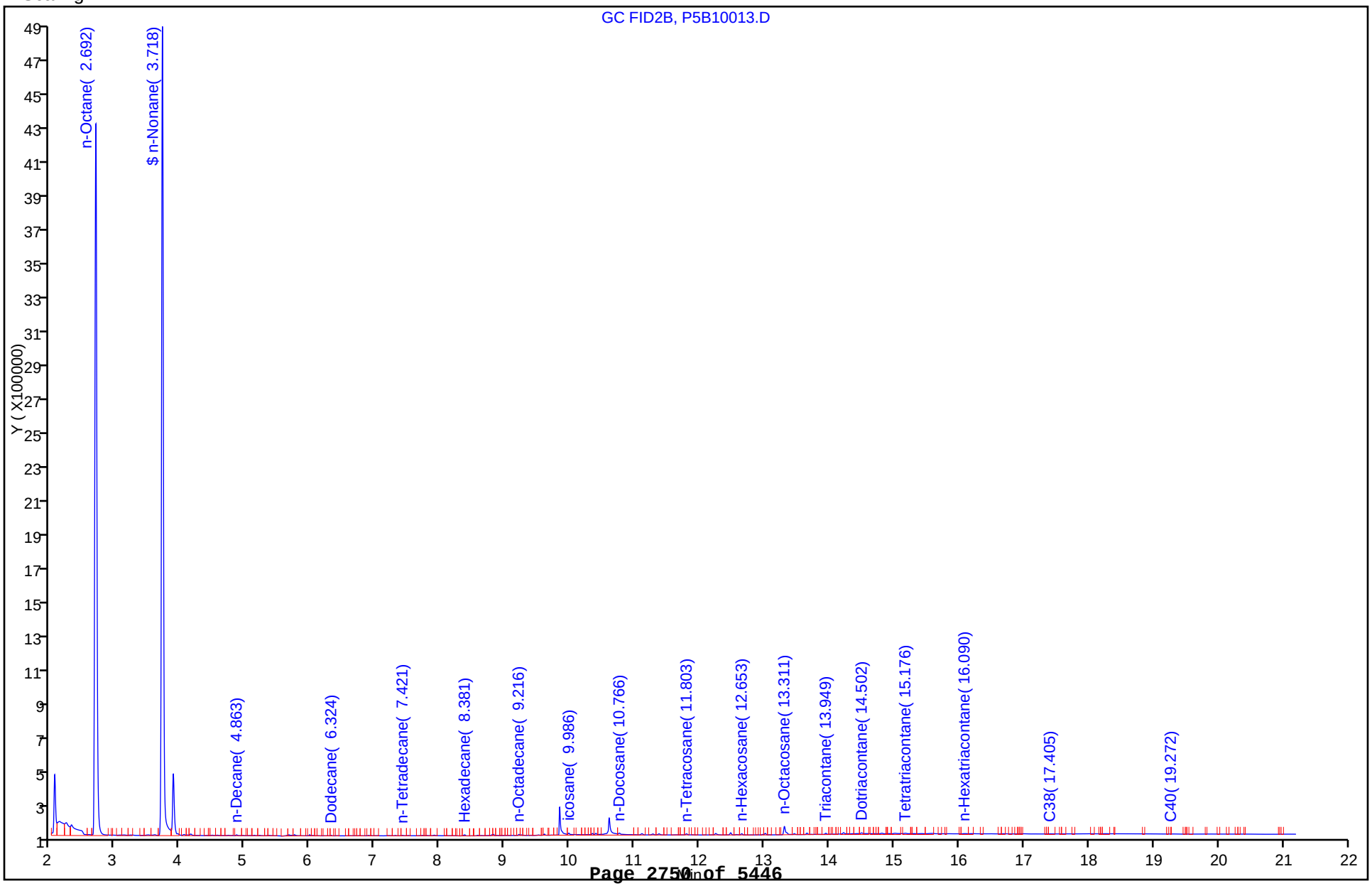
QC Flag Legend

Processing Flags
1 - Missing Peaks

Report Date: 19-Dec-2012 10:48:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10013.D		
Injection Date:	18-Dec-2012 16:13:52	Limit Group:	GC 8015C TPH ICAL
Client ID:	072SB-0063-0001-SO	Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	13
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0064-0001-SO | Lab Sample ID: 240-18544-2

Matrix: Solid | Lab File ID: P5B10016.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/06/2012 09:22

Extraction Method: 3540C | Date Extracted: 12/17/2012 13:11

Sample wt/vol: 30.28(g) | Date Analyzed: 12/18/2012 17:44

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 10.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69251 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	10	U	18	10	10
STL00272	C20-C34	10	U	18	10	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	73		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10016.D		
Lims ID:	240-18544-H-2-C	Client ID:	072SB-0064-0001-SO
Inject. Date:	18-Dec-2012 17:44:49	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015973-016		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	66
Lims Batch ID:	69251	Lims Sample ID:	16
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m		
Last Update:	19-Dec-2012 10:48:49	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.719	3.738	-0.019	10964035	73.4	
A 12 C10-C20					
	4.869 - 9.987				
A 15 Diesel					
	4.869 - 13.352				
A 22 C20-C34					
	9.987 - 15.180				

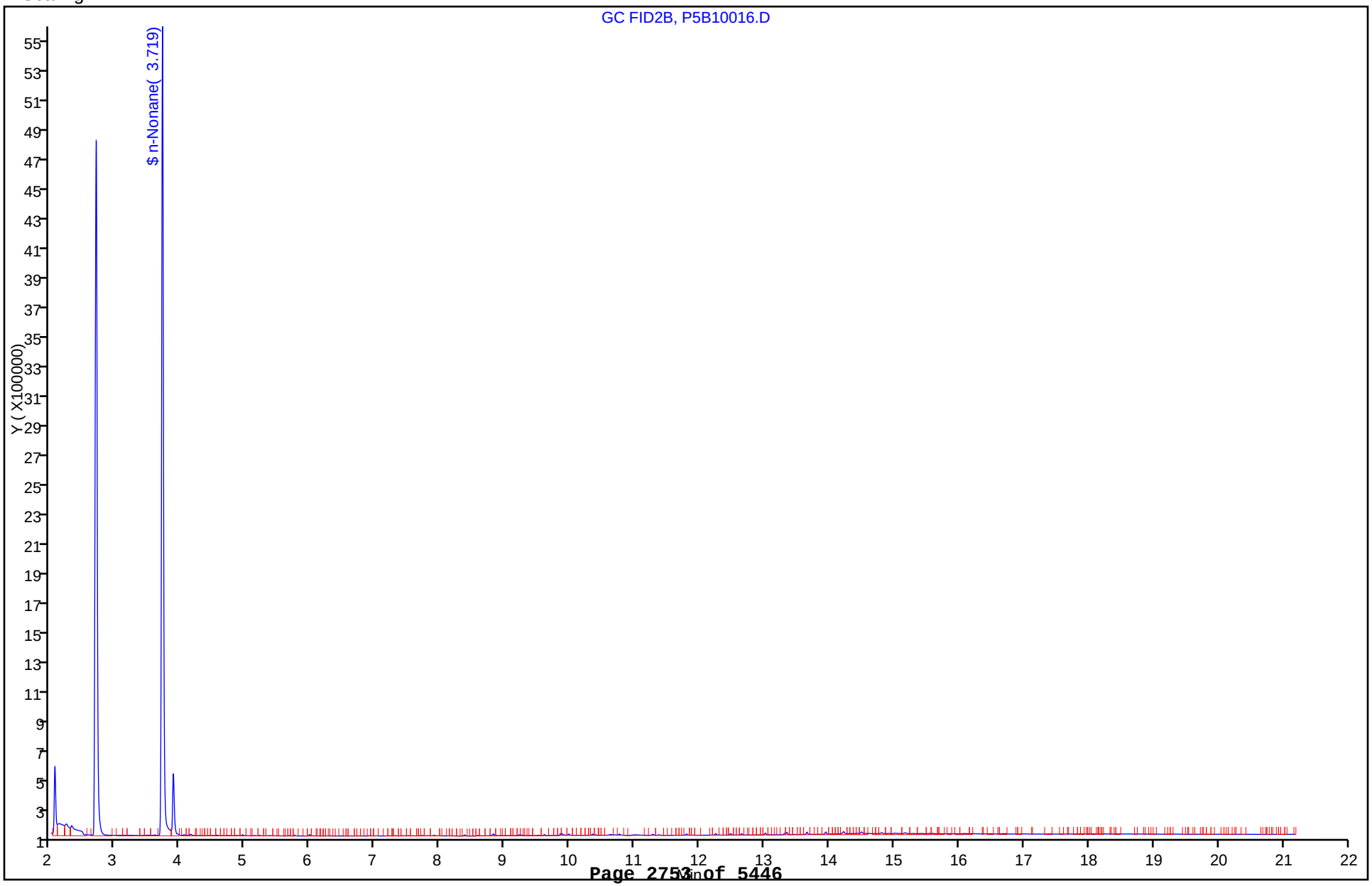
Report Date: 19-Dec-2012 10:48:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10016.D

Injection Date:	18-Dec-2012 17:44:49	Limit Group:	GC 8015C TPH ICAL
Client ID:	072SB-0064-0001-SO	Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	16
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0065-0001-SO | Lab Sample ID: 240-18544-3

Matrix: Solid | Lab File ID: P5B10017.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/06/2012 09:57

Extraction Method: 3540C | Date Extracted: 12/17/2012 13:11

Sample wt/vol: 29.93(g) | Date Analyzed: 12/18/2012 18:15

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 11.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69251 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	10	U	19	10	10
STL00272	C20-C34	10	U	19	10	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	59		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10017.D		
Lims ID:	240-18544-H-3-E	Client ID:	072SB-0065-0001-SO
Inject. Date:	18-Dec-2012 18:15:08	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015973-017		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	67
Lims Batch ID:	69251	Lims Sample ID:	17
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m		
Last Update:	19-Dec-2012 10:48:49	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.729	3.738	-0.009	8763976	58.7	
A 12 C10-C20					
	4.869 - 9.987				
A 15 Diesel					
	4.869 - 13.352				
A 22 C20-C34					
	9.987 - 15.180				

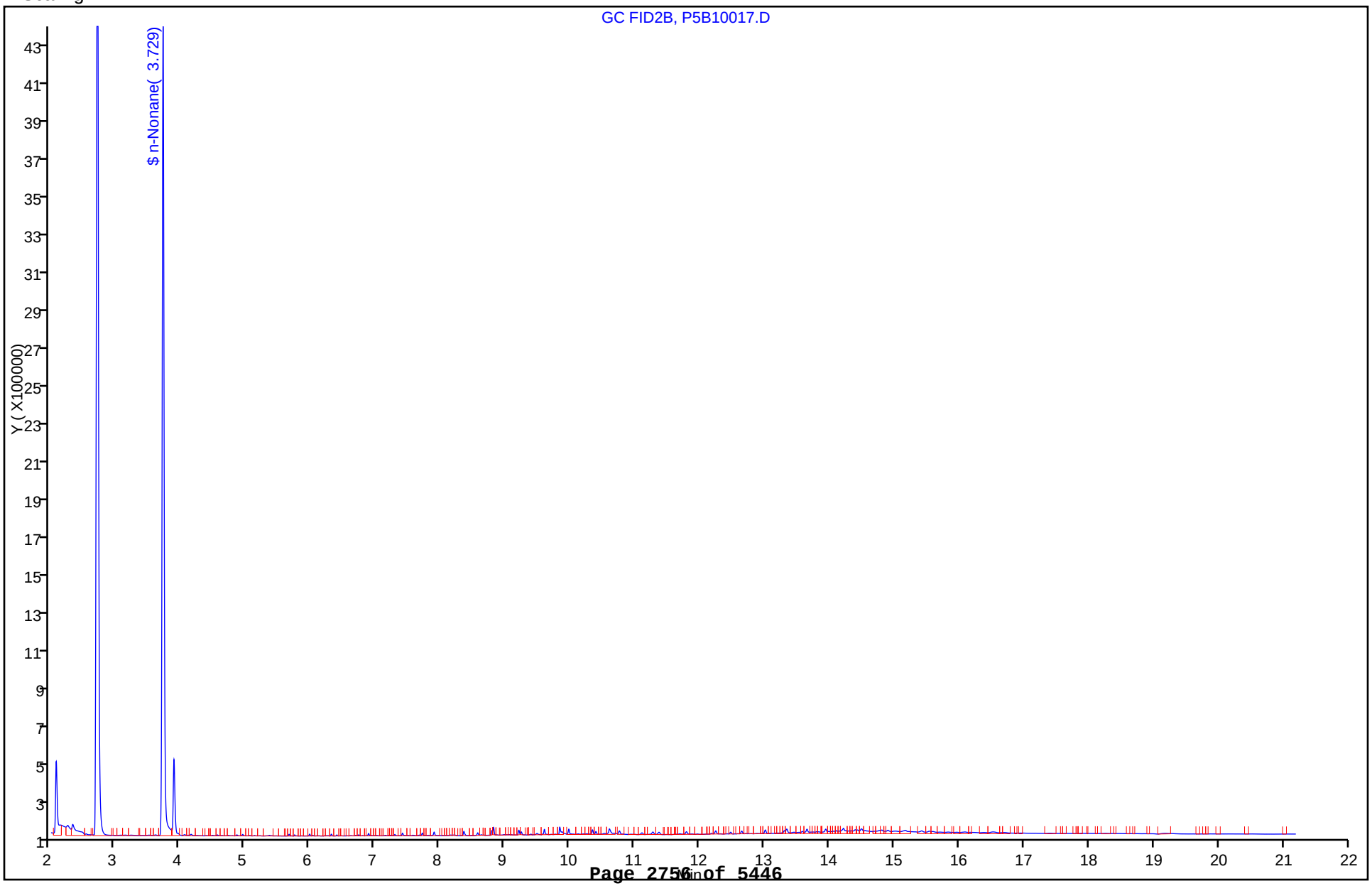
Report Date: 19-Dec-2012 10:48:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10017.D

Injection Date:	18-Dec-2012 18:15:08	Limit Group:	GC 8015C TPH ICAL
Client ID:	072SB-0065-0001-SO	Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	17
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0066-0001-SO | Lab Sample ID: 240-18544-4

Matrix: Solid | Lab File ID: P5B10018.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/06/2012 10:12

Extraction Method: 3540C | Date Extracted: 12/17/2012 13:11

Sample wt/vol: 30.13(g) | Date Analyzed: 12/18/2012 18:45

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 11.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69251 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	12	J	19	10	10
STL00272	C20-C34	26	M	19	10	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	61		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10018.D		
Lims ID:	240-18544-H-4-C	Client ID:	072SB-0066-0001-SO
Inject. Date:	18-Dec-2012 18:45:14	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015973-018		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	68
Lims Batch ID:	69251	Lims Sample ID:	18
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m		
Last Update:	19-Dec-2012 10:48:49	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		
First Level Reviewer: bolgrind		Date:	19-Dec-2012 10:46:38

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$	8 n-Nonane					
	3.720	3.738	-0.018	9056144	60.6	
A	12 C10-C20					
	7.428	4.869 -	9.987	9749958	62.2	
A	15 Diesel					
	9.111	4.869 -	13.352	24896981	158.9	
A	22 C20-C34					M
	12.600	9.987 -	15.180	22148152	141.4	M

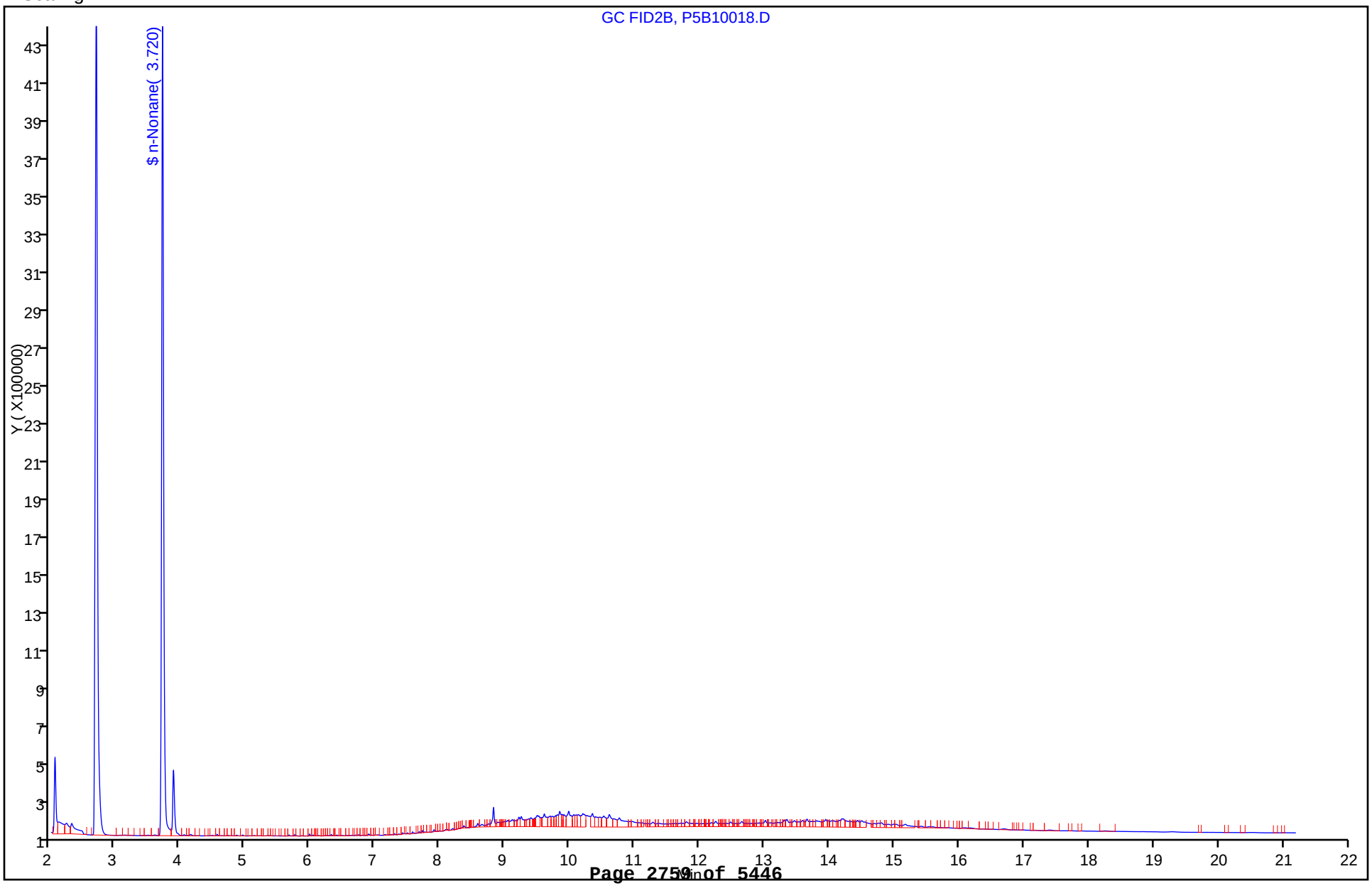
QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 19-Dec-2012 10:48:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10018.D		
Injection Date:	18-Dec-2012 18:45:14	Limit Group:	GC 8015C TPH ICAL
Client ID:	072SB-0066-0001-SO	Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	18
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			

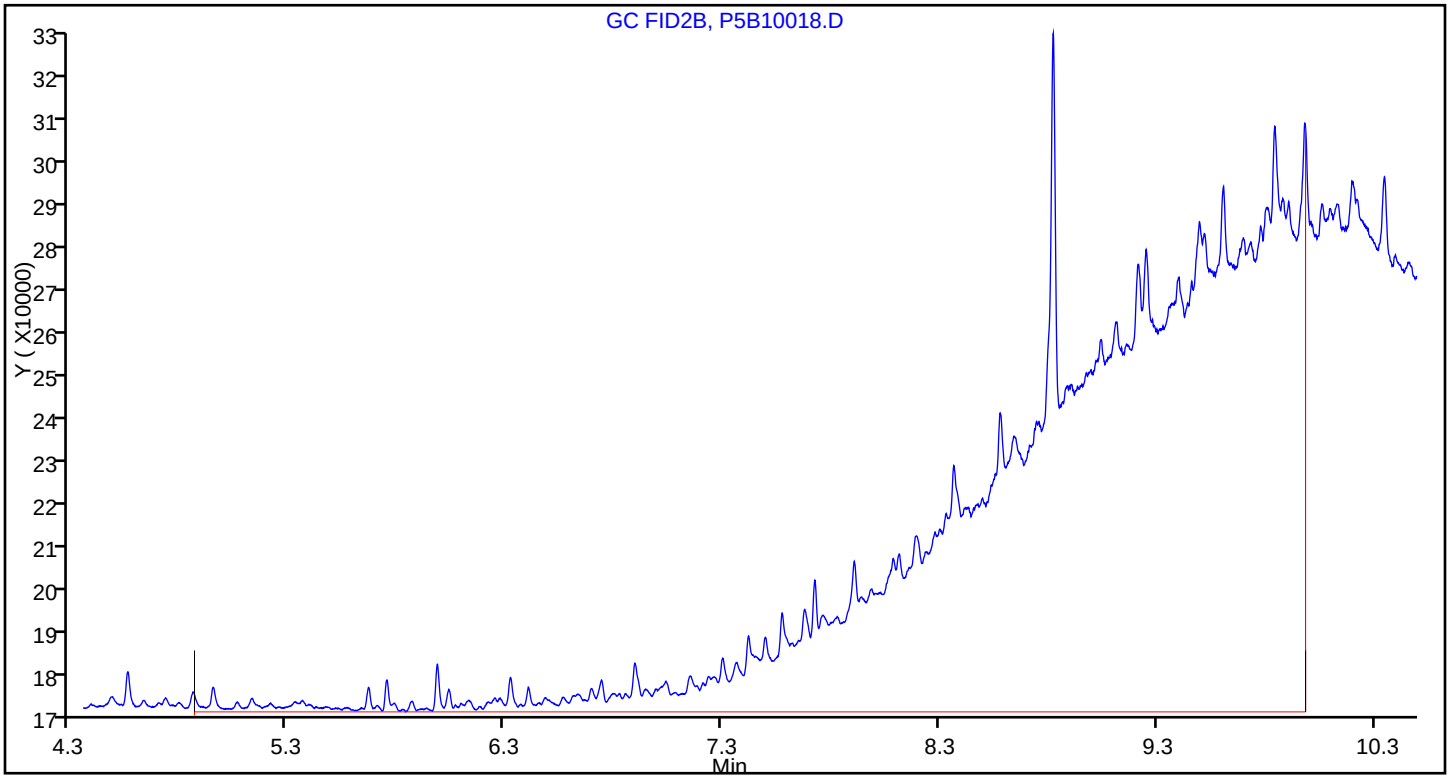


Report Date: 19-Dec-2012 10:48:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10018.D		
Injection Date:	18-Dec-2012 18:45:14	Limit Group:	GC 8015C TPH ICAL
Client ID:	072SB-0066-0001-SO	Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	18
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

A 12 C10-C20, Detector: 1, GC FID1A

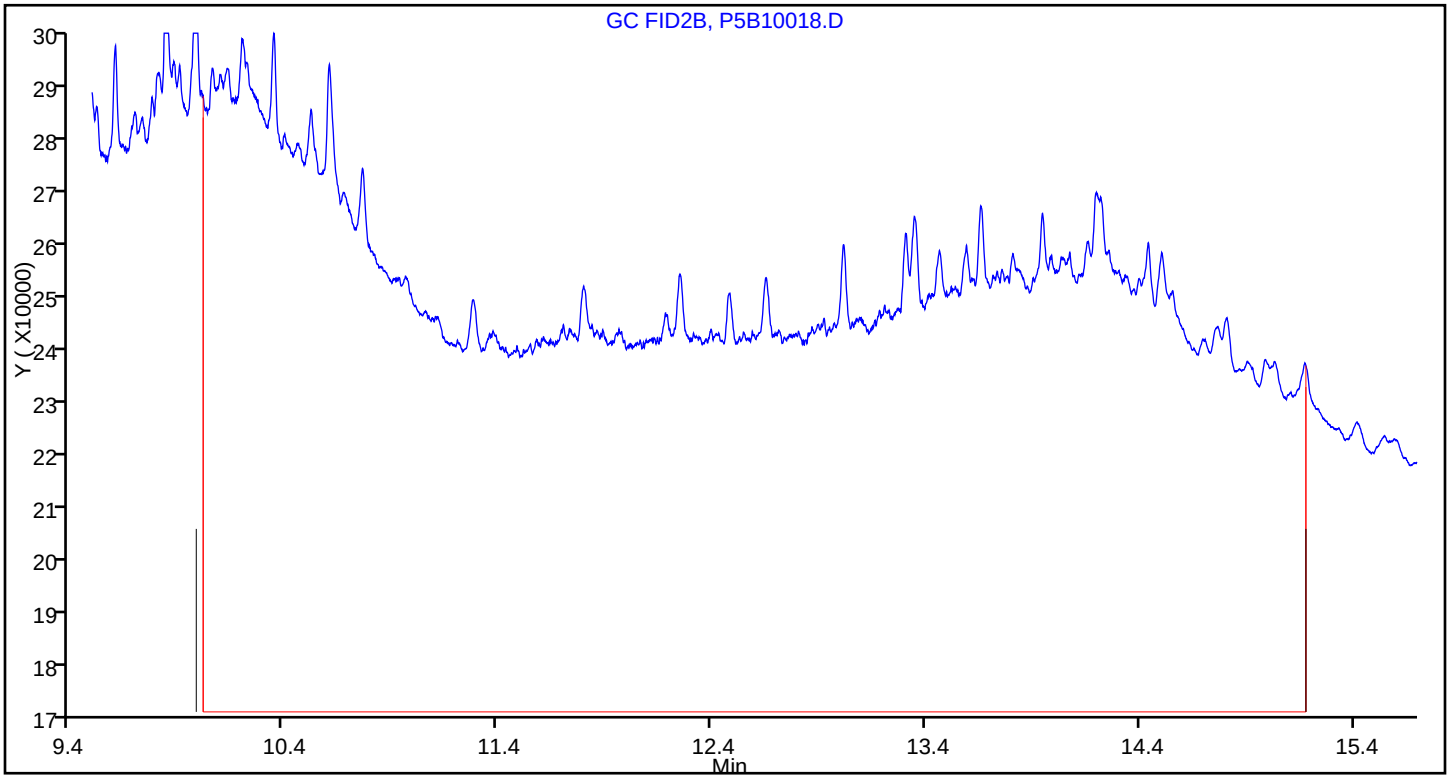


Report Date: 19-Dec-2012 10:48:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10018.D		
Injection Date:	18-Dec-2012 18:45:14	Limit Group:	GC 8015C TPH ICAL
Client ID:	072SB-0066-0001-SO	Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	18
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

A 22 C20-C34, Detector: 1, GC FID1A



Report Date: 19-Dec-2012 10:48:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

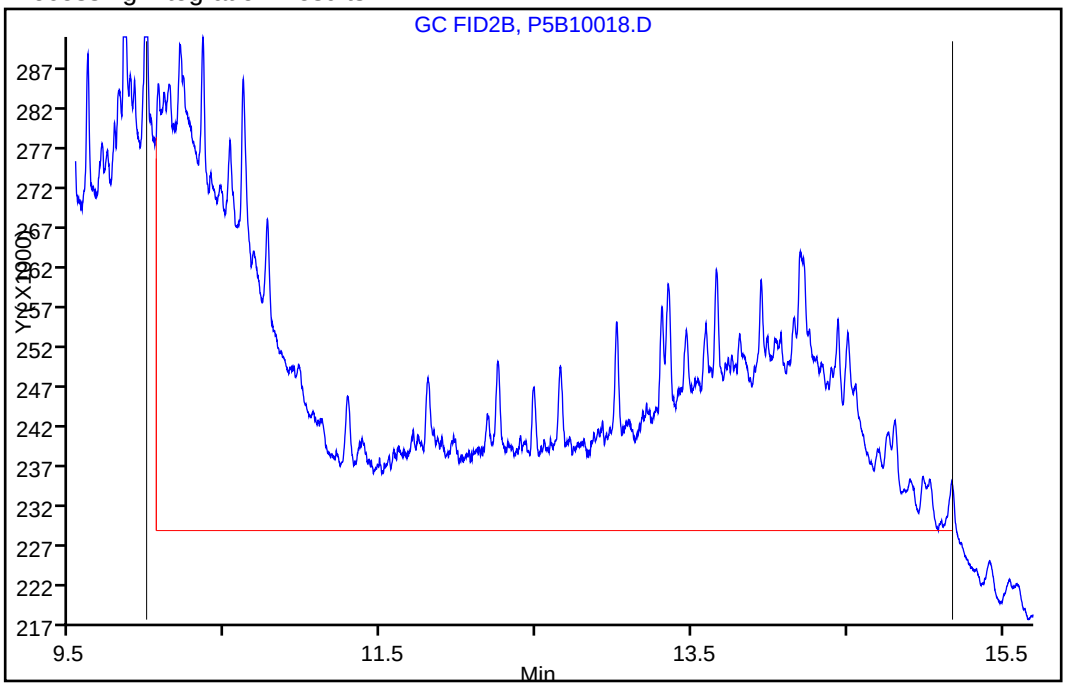
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10018.D		
Injection Date:	18-Dec-2012 18:45:14	Limit Group:	GC 8015C TPH ICAL
Client ID:	072SB-0066-0001-SO	Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	18
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

A 22 C20-C34, Signal: 1, Type: quant, RT: 12.58

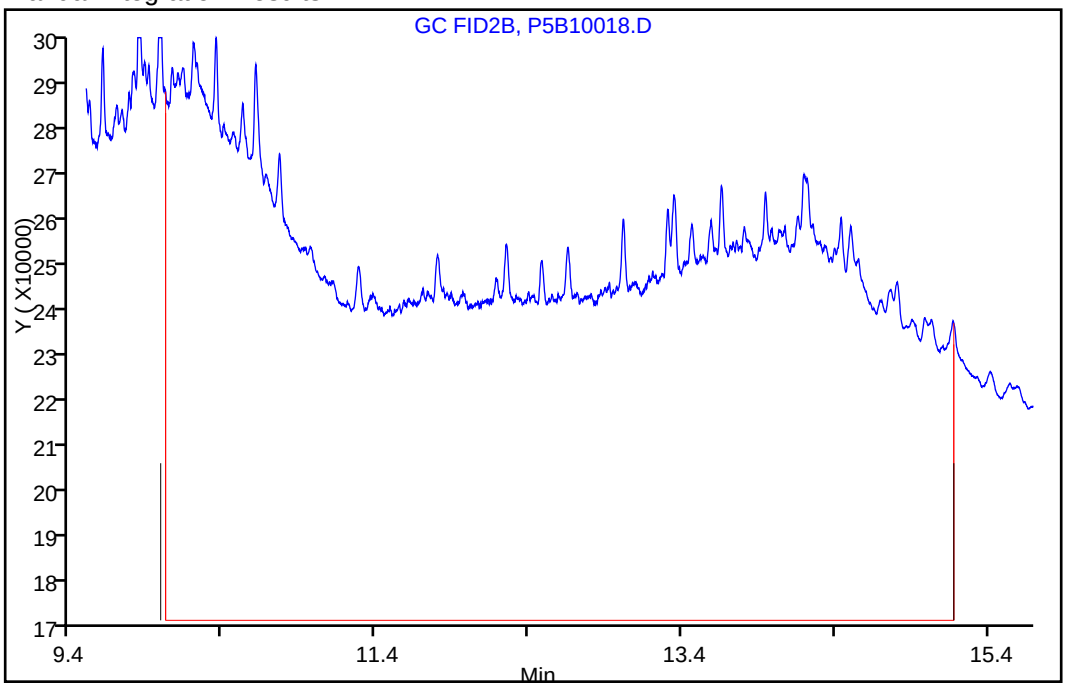
Processing Integration Results

RT: 12.61
Response: 5780009
Amount: 36.898151



Manual Integration Results

RT: 12.60
Response: 22148152
Amount: 141.3883



Reviewer: bolgrind, 19-Dec-2012 10:46:38
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0067-0001-SO | Lab Sample ID: 240-18544-5

Matrix: Solid | Lab File ID: P5B10006.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/06/2012 10:20

Extraction Method: 3540C | Date Extracted: 12/17/2012 13:11

Sample wt/vol: 30.21(g) | Date Analyzed: 12/19/2012 19:57

Con. Extract Vol.: 5(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69475 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	990	D	180	100	100
STL00272	C20-C34	160	J D	180	100	100

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	63		10-110

TestAmerica Canton
Target Compound Quantitation Report

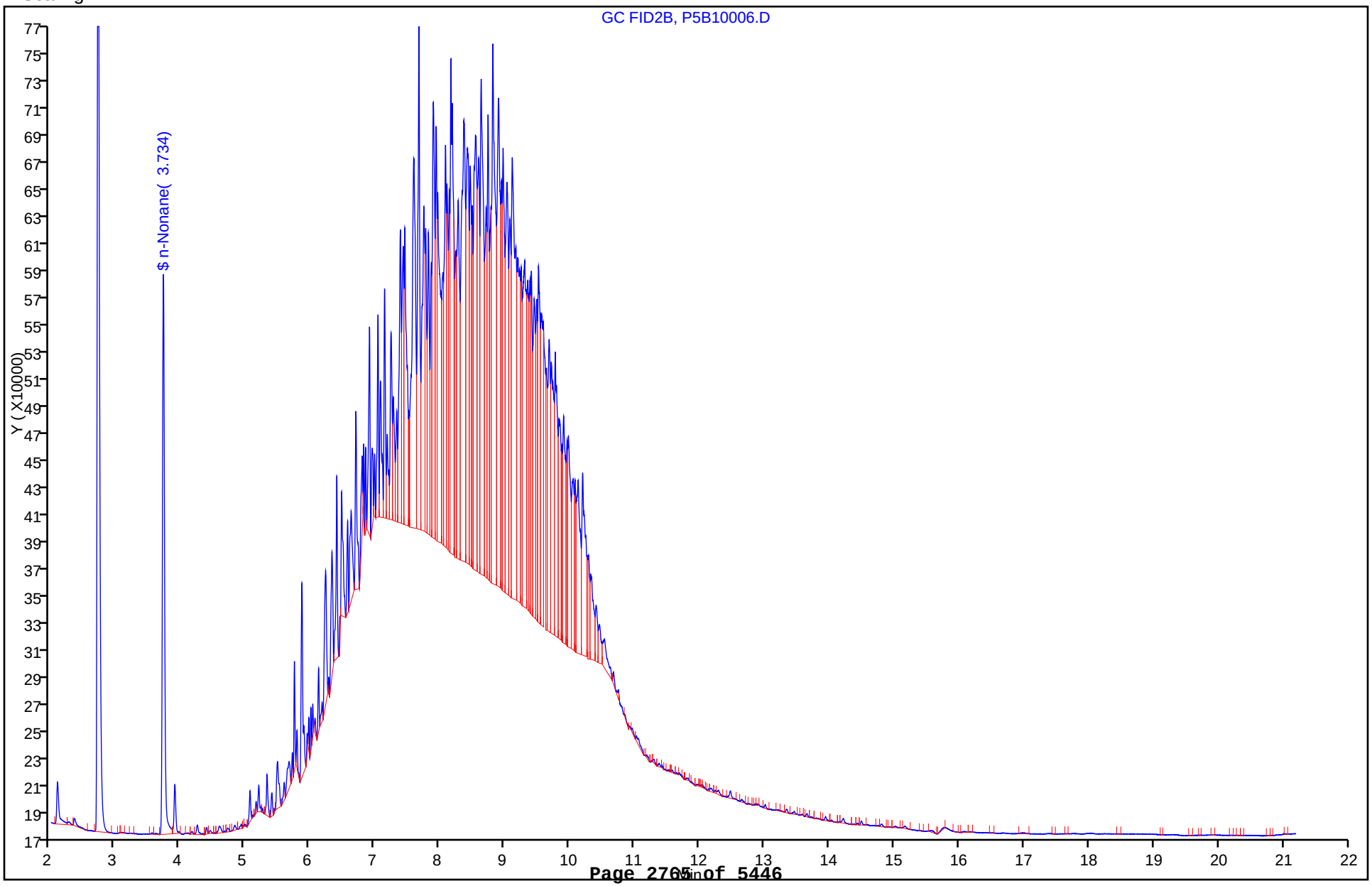
Data File:	\\Ncchrom\ChromData\A2HP5R\20121219-16031.b\P5B10006.D		
Lims ID:	240-18544-H-5-C	Client ID:	072SB-0067-0001-SO
Inject. Date:	19-Dec-2012 19:57:46	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	240-0016031-006		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	56
Lims Batch ID:	69475	Lims Sample ID:	6
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121219-16031.b\TPH5R.m		
Last Update:	20-Dec-2012 10:17:29	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.734	3.734	0.000	946199	6.34	
A 12 C10-C20					
7.425	4.867 -	9.983	83931014	535.8	
A 15 Diesel					
9.108	4.867 -	13.349	97671830	623.5	
A 22 C20-C34					
12.603	9.983 -	15.171	13304651	84.9	

Report Date: 20-Dec-2012 10:17:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121219-16031.b\P5B10006.D		
Injection Date:	19-Dec-2012 19:57:46	Limit Group:	GC 8015C TPH ICAL
Client ID:	072SB-0067-0001-SO	Instrument ID:	A2HP5R
Lims Batch ID:	69475	Lims Sample ID:	6
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			

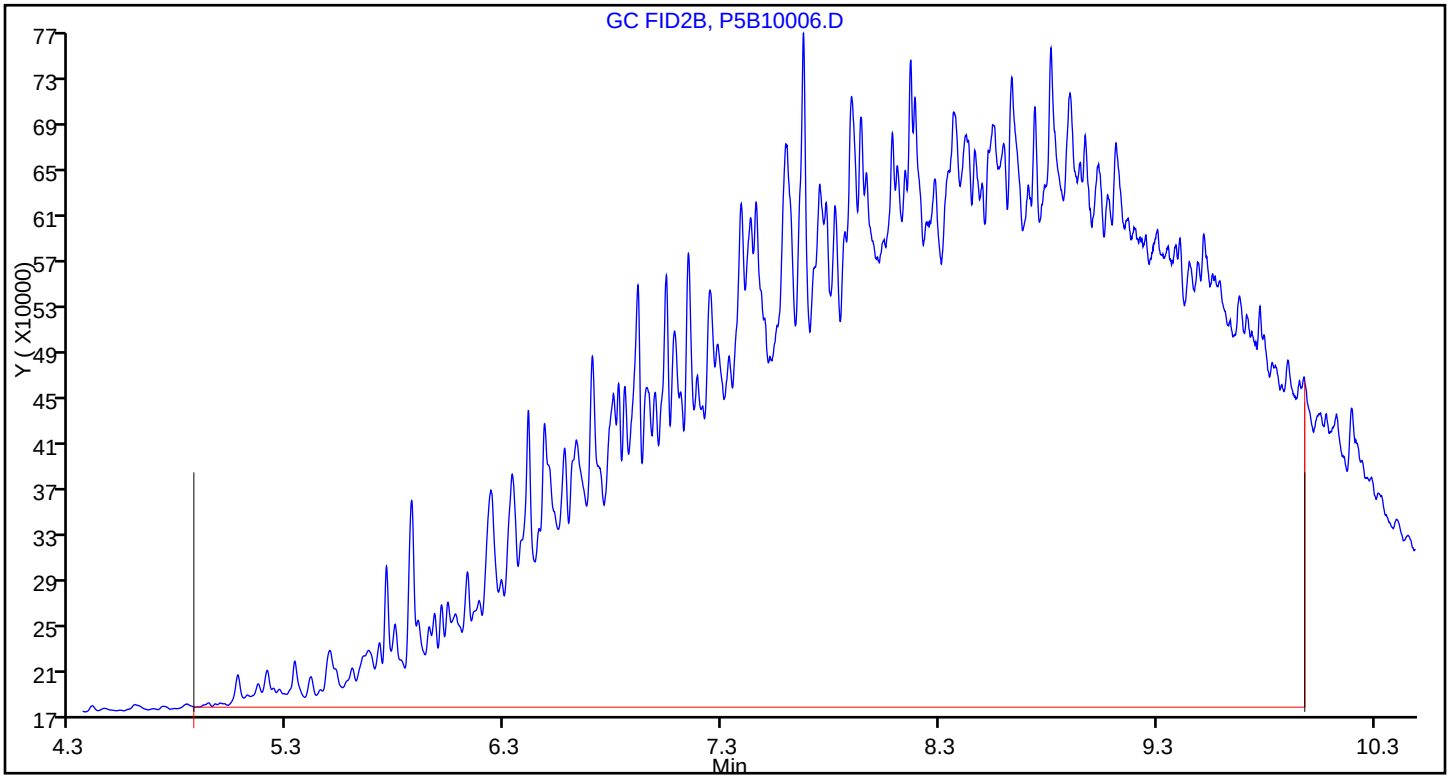


Report Date: 20-Dec-2012 10:17:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121219-16031.b\P5B10006.D		
Injection Date:	19-Dec-2012 19:57:46	Limit Group:	GC 8015C TPH ICAL
Client ID:	072SB-0067-0001-SO	Instrument ID:	A2HP5R
Lims Batch ID:	69475	Lims Sample ID:	6
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

A 12 C10-C20, Detector: 1, GC FID1A

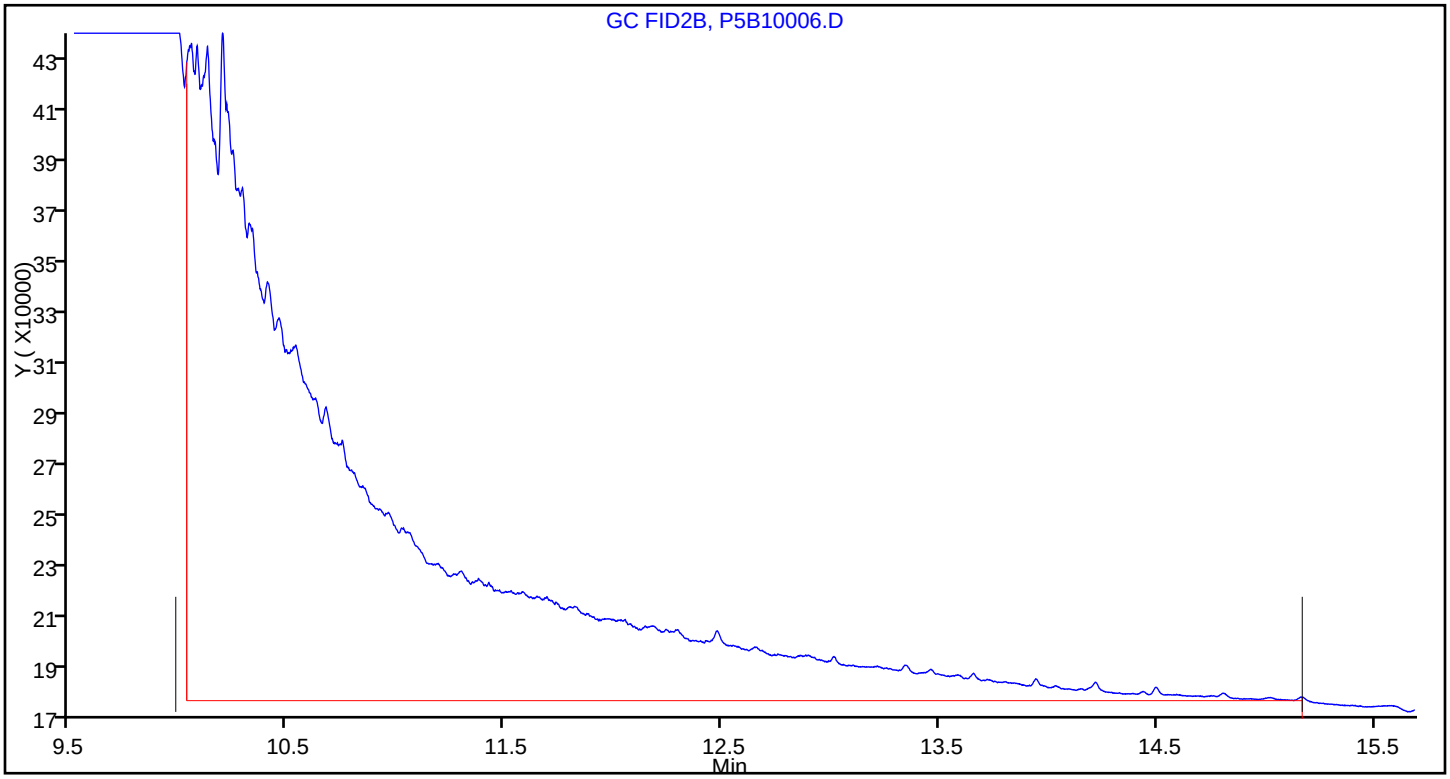


Report Date: 20-Dec-2012 10:17:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121219-16031.b\P5B10006.D		
Injection Date:	19-Dec-2012 19:57:46	Limit Group:	GC 8015C TPH ICAL
Client ID:	072SB-0067-0001-SO	Instrument ID:	A2HP5R
Lims Batch ID:	69475	Lims Sample ID:	6
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

A 22 C20-C34, Detector: 1, GC FID1A



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0068-0001-SO | Lab Sample ID: 240-18544-6

Matrix: Solid | Lab File ID: P5B10020.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/06/2012 09:28

Extraction Method: 3540C | Date Extracted: 12/17/2012 13:11

Sample wt/vol: 30.19(g) | Date Analyzed: 12/18/2012 19:45

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69251 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	10	U	18	10	10
STL00272	C20-C34	10	U	18	10	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	65		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10020.D		
Lims ID:	240-18544-H-6-C	Client ID:	072SB-0068-0001-SO
Inject. Date:	18-Dec-2012 19:45:51	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015973-020		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	70
Lims Batch ID:	69251	Lims Sample ID:	20
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m		
Last Update:	19-Dec-2012 10:48:49	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.724	3.738	-0.014	9774150	65.5	
A 12 C10-C20					
	4.869 - 9.987				
A 15 Diesel					
	4.869 - 13.352				
A 22 C20-C34					
	9.987 - 15.180				

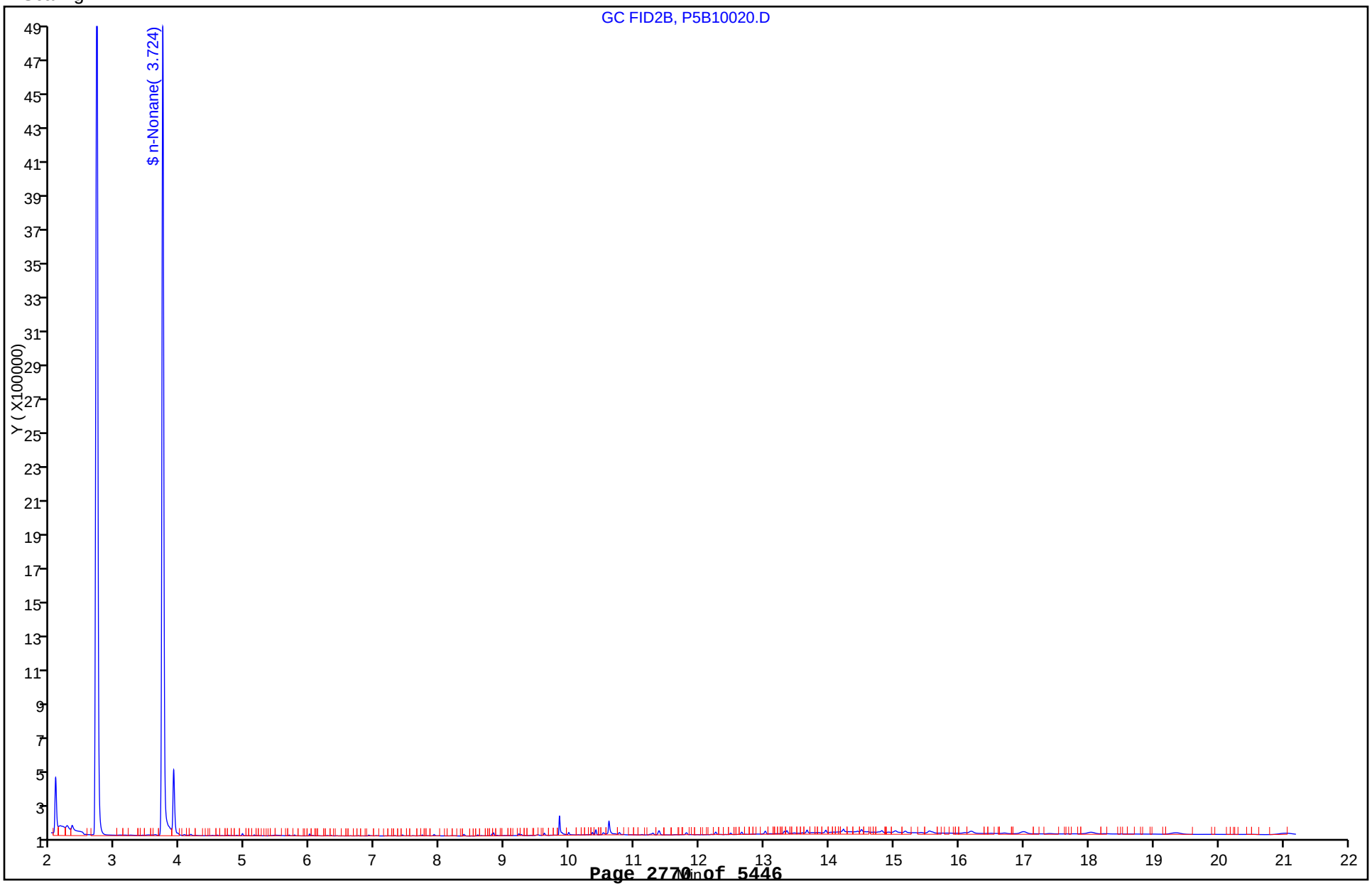
Report Date: 19-Dec-2012 10:48:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10020.D

Injection Date:	18-Dec-2012 19:45:51	Limit Group:	GC 8015C TPH ICAL
Client ID:	072SB-0068-0001-SO	Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	20
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0078-0001-SO | Lab Sample ID: 240-18544-18

Matrix: Solid | Lab File ID: P5B10022.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/06/2012 09:30

Extraction Method: 3540C | Date Extracted: 12/17/2012 13:11

Sample wt/vol: 30.10(g) | Date Analyzed: 12/18/2012 20:46

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69251 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	10	U	18	10	10
STL00272	C20-C34	10	U	18	10	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	54		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10022.D		
Lims ID:	240-18544-H-18-C	Client ID:	076SB-0078-0001-SO
Inject. Date:	18-Dec-2012 20:46:40	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015973-022		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	72
Lims Batch ID:	69251	Lims Sample ID:	22
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m		
Last Update:	19-Dec-2012 10:48:56	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.721	3.738	-0.017	8116725	54.4	
A 12 C10-C20					
	4.869 - 9.987				
A 15 Diesel					
9.111	4.869 - 13.352		9453518	60.3	
A 22 C20-C34					
12.622	9.987 - 15.180		5083932	32.5	

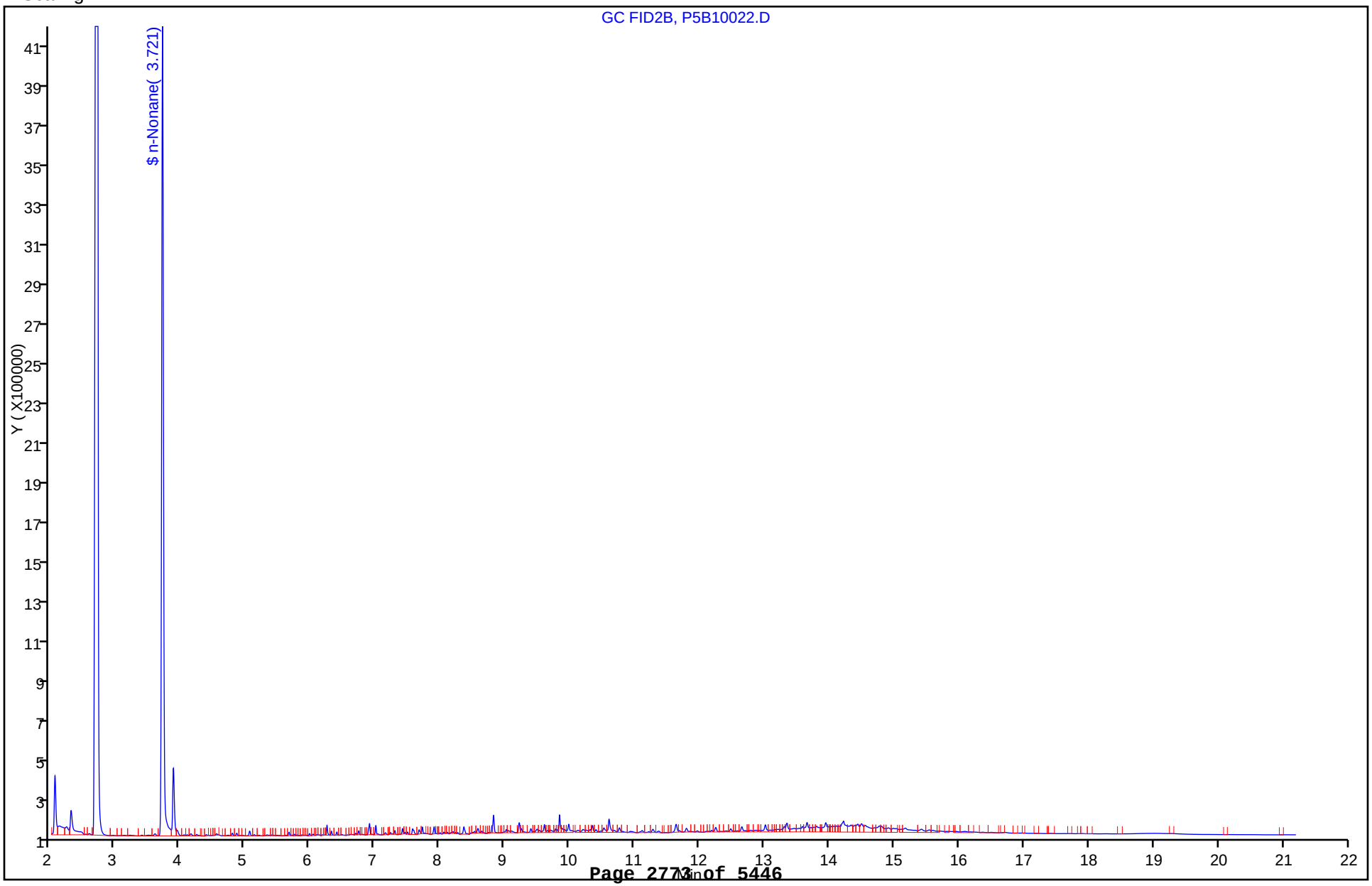
Report Date: 19-Dec-2012 10:48:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10022.D

Injection Date:	18-Dec-2012 20:46:40	Limit Group:	GC 8015C TPH ICAL
Client ID:	076SB-0078-0001-SO	Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	22
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 66289

SDG No.:

Instrument ID: A2HP5R GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2012 14:12 Calibration End Date: 11/26/2012 16:13 Calibration ID: 12515

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-66289/4	P5B26004.D
Level 2	STD2 240-66289/5	P5B26005.D
Level 3	STD3 240-66289/6	P5B26006.D
Level 4	STD4 240-66289/7	P5B26007.D
Level 5	STD5 240-66289/8	P5B26008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Diesel Range Organics [C10 - C28]	9.111	9.111	9.111	9.111	9.111						4.870 - 13.352	9.111
n-Nonane	3.735	3.736	3.738	3.737	3.732						3.665 - 3.805	3.736

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 66289

SDG No.:

Instrument ID: A2HP5R GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2012 14:12 Calibration End Date: 11/26/2012 16:13 Calibration ID: 12515

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-66289/4	P5B26004.D
Level 2	STD2 240-66289/5	P5B26005.D
Level 3	STD3 240-66289/6	P5B26006.D
Level 4	STD4 240-66289/7	P5B26007.D
Level 5	STD5 240-66289/8	P5B26008.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Diesel Range Organics [C10 - C28]	165525 130144	162777	162252	162540	Ave		156647.659				9.5		20.0			
n-Nonane	159556 121253	154859	159039	151980	Ave		149337.400				11.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 66289

SDG No.:

Instrument ID: A2HP5R GC Column: ID: Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2012 14:12 Calibration End Date: 11/26/2012 16:13 Calibration ID: 12515

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-66289/4	P5B26004.D
Level 2	STD2 240-66289/5	P5B26005.D
Level 3	STD3 240-66289/6	P5B26006.D
Level 4	STD4 240-66289/7	P5B26007.D
Level 5	STD5 240-66289/8	P5B26008.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Diesel Range Organics [C10 - C28]	Ave	16552474	32555440	81126180	162539928	260288135	100	200	500	1000	2000
n-Nonane	Ave	1595562	3097180	7951959	15197964	24250596	10.0	20.0	50.0	100	200

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26004.D		
Lims ID:	STD1 DIESEL	Client ID:	
Inject. Date:	26-Nov-2012 14:12:08	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0015266-004		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	54
Lims Batch ID:	66289	Lims Sample ID:	4
Sublist:	chrom-TPH5R*sub1		
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\TPH5R.m		
Last Update:	27-Nov-2012 09:54:58	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.735	3.735	0.000	1595562	10.7	
A 15 Diesel					
9.111	4.870 - 13.352		16552474	105.7	

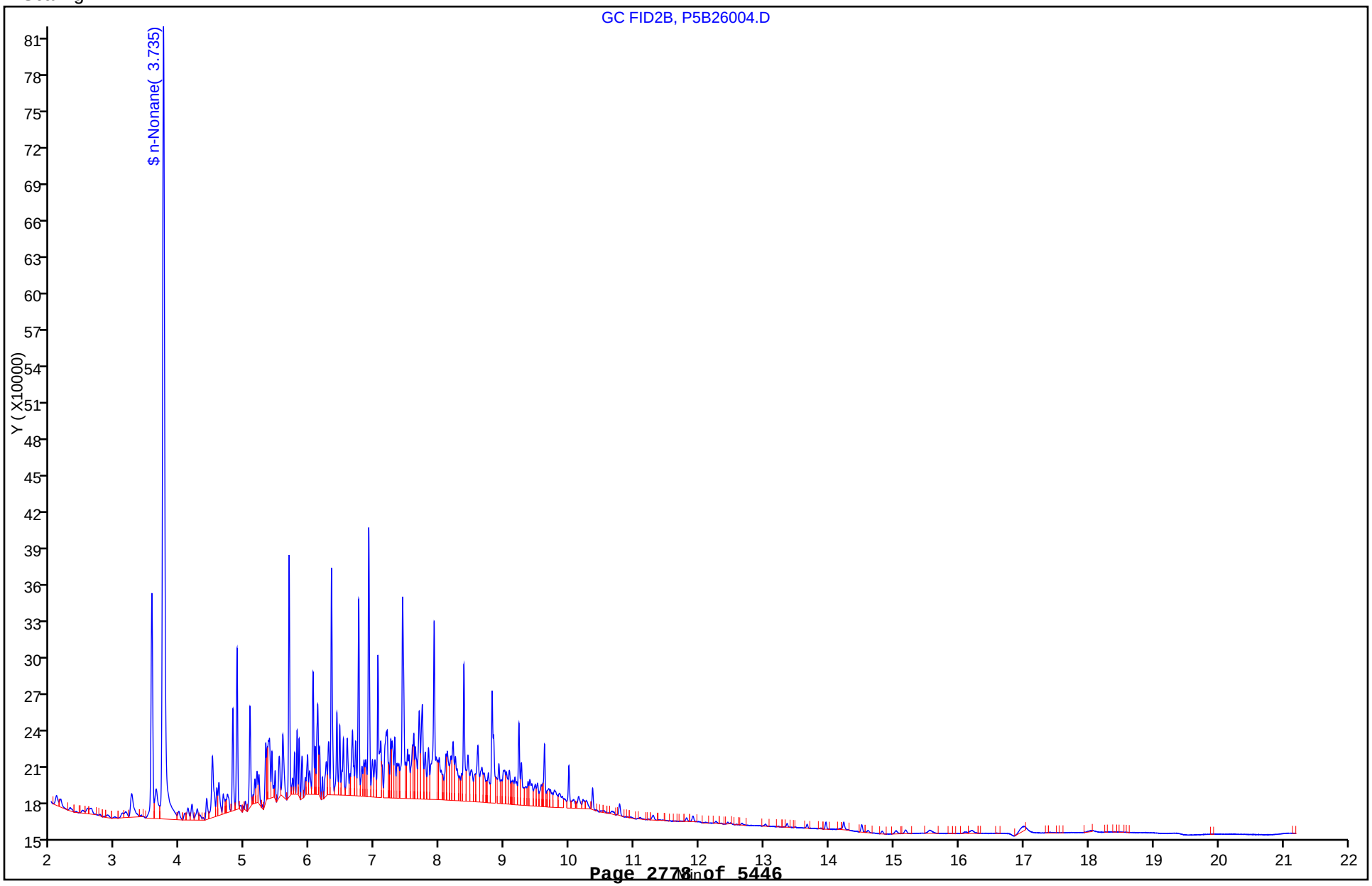
Report Date: 27-Nov-2012 09:54:59 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26004.D

Injection Date:	26-Nov-2012 14:12:08	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	66289	Lims Sample ID:	4
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26005.D		
Lims ID:	STD2 DIESEL	Client ID:	
Inject. Date:	26-Nov-2012 14:42:25	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0015266-005		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	55
Lims Batch ID:	66289	Lims Sample ID:	5
Sublist:	chrom-TPH5R*sub1		
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\TPH5R.m		
Last Update:	27-Nov-2012 09:55:00	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.736	3.735	0.001	3097180	20.7	
A 15 Diesel					
9.111	4.870 - 13.352		32555440	207.8	

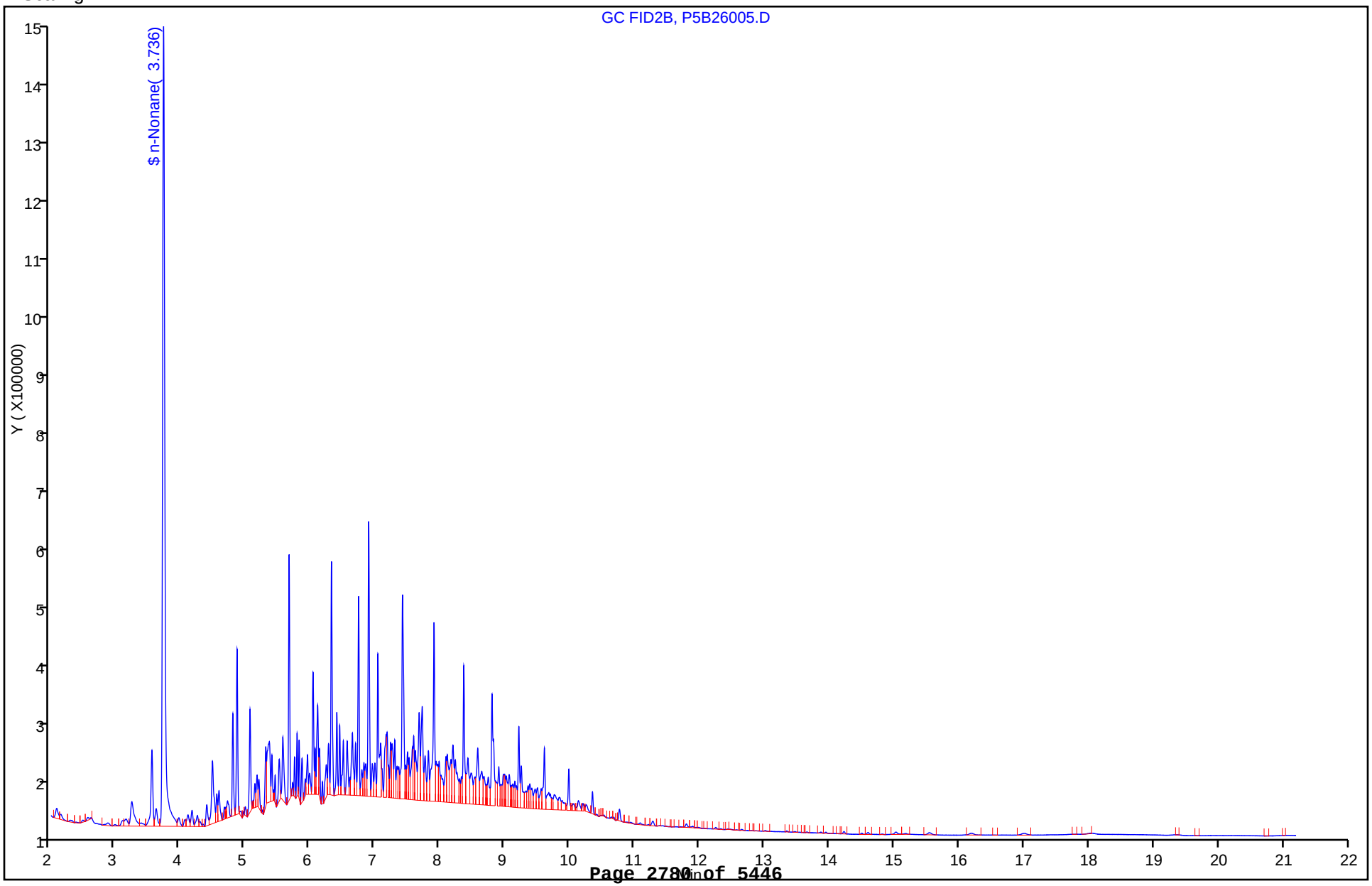
Report Date: 27-Nov-2012 09:55:00 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26005.D

Injection Date:	26-Nov-2012 14:42:25	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	66289	Lims Sample ID:	5
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26006.D		
Lims ID:	STD3 DIESEL	Client ID:	
Inject. Date:	26-Nov-2012 15:12:39	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	3
Sample ID:	240-0015266-006		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	56
Lims Batch ID:	66289	Lims Sample ID:	6
Sublist:	chrom-TPH5R*sub1		
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\TPH5R.m		
Last Update:	27-Nov-2012 09:55:01	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.738	3.738	0.000	7951959	53.2	
A 15 Diesel					
9.111	4.870 - 13.352		81126180	517.9	

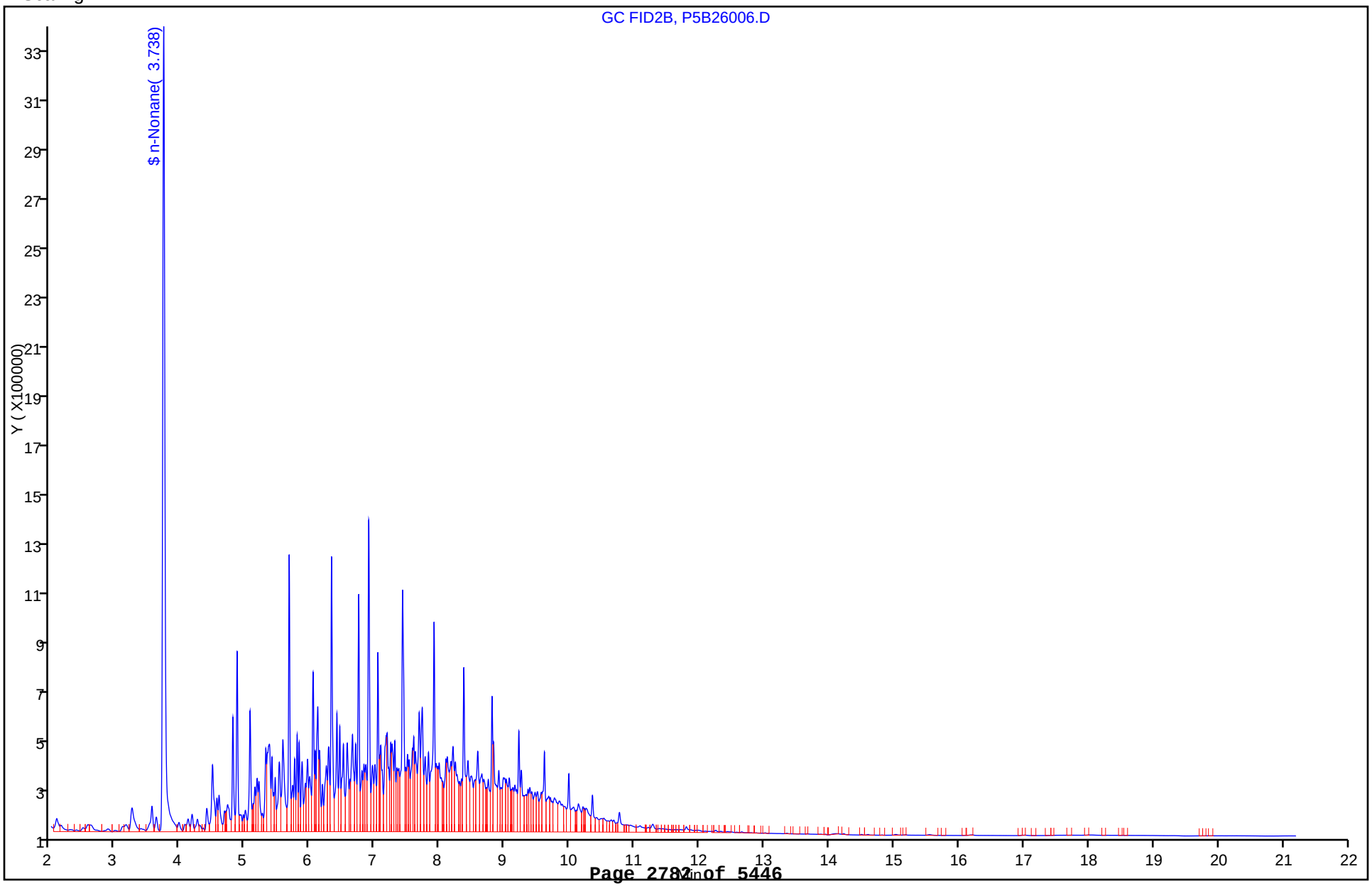
Report Date: 27-Nov-2012 09:55:01 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26006.D

Injection Date:	26-Nov-2012 15:12:39	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	66289	Lims Sample ID:	6
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

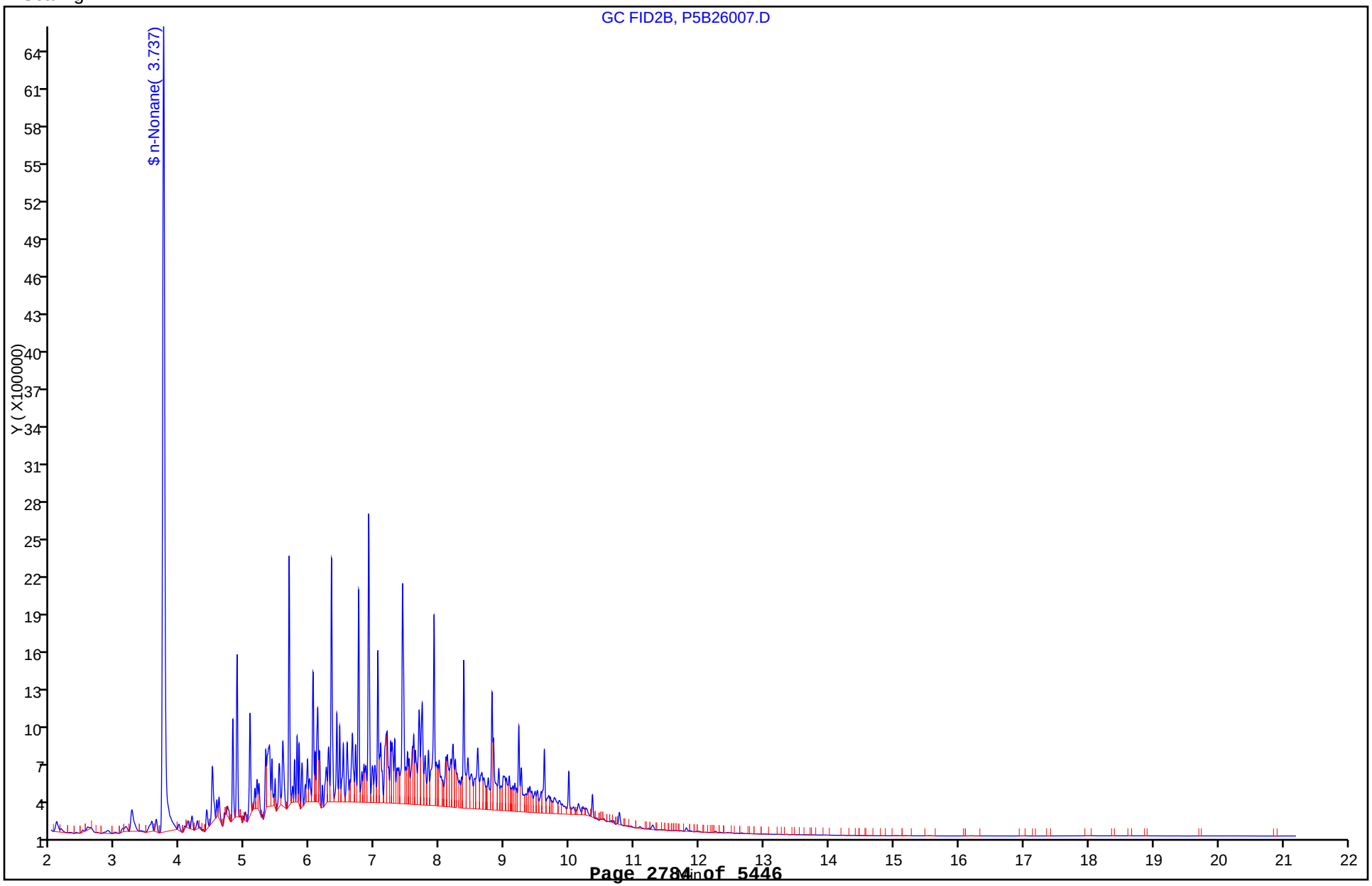
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Lims ID:	STD4 DIESEL	Client ID:	
Inject. Date:	26-Nov-2012 15:43:10	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015266-007		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	57
Lims Batch ID:	66289	Lims Sample ID:	7
Sublist:	chrom-TPH5R*sub1		
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\TPH5R.m		
Last Update:	27-Nov-2012 09:55:02	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.737	3.738	-0.001	15197964	101.8	
A 15 Diesel					
9.111	4.870 - 13.352		162539928	1037.6	

Report Date: 27-Nov-2012 09:55:03 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26007.D		
Injection Date:	26-Nov-2012 15:43:10	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	66289	Lims Sample ID:	7
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



TestAmerica Canton
Target Compound Quantitation Report

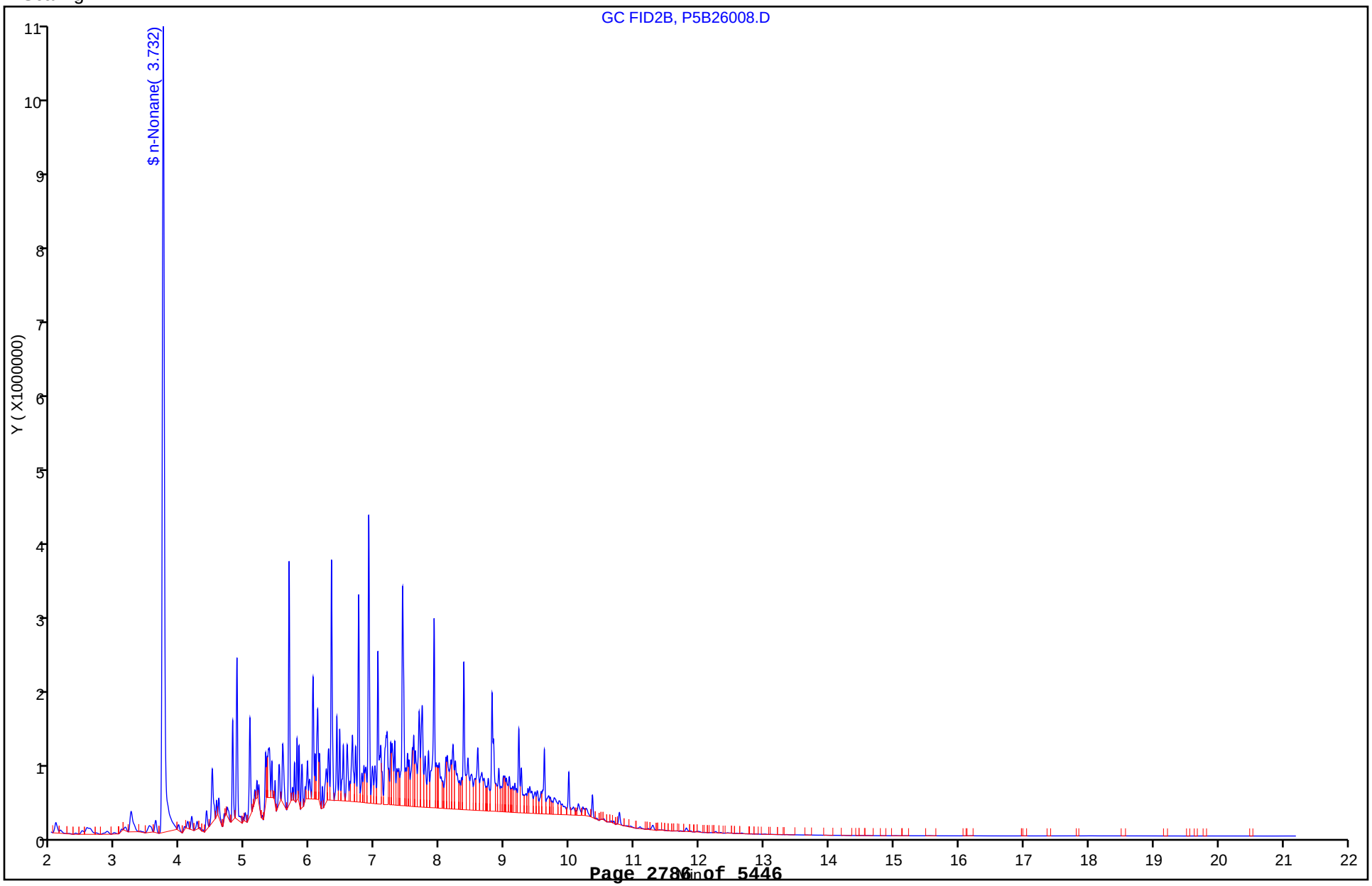
Data File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Lims ID:	STD5 DIESEL	Client ID:	
Inject. Date:	26-Nov-2012 16:13:35	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015266-008		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	58
Lims Batch ID:	66289	Lims Sample ID:	8
Sublist:	chrom-TPH5R*sub1		
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\TPH5R.m		
Last Update:	27-Nov-2012 09:55:04	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.732	3.738	-0.006	24250596	162.4	
A 15 Diesel					
9.111	4.870 - 13.352		260288135	1661.6	

Report Date: 27-Nov-2012 09:55:04 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Injection Date:	26-Nov-2012 16:13:35	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	66289	Lims Sample ID:	8
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-66289/9 Calibration Date: 11/26/2012 16:43

Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12

GC Column: ID: Calib End Date: 11/26/2012 16:13

Lab File ID: P5B26009.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	164984		527	500	5.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-66289/9 Calibration Date: 11/26/2012 16:43

Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12

GC Column: ID: Calib End Date: 11/26/2012 16:13

Lab File ID: P5B26009.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35

TestAmerica Canton
Target Compound Quantitation Report

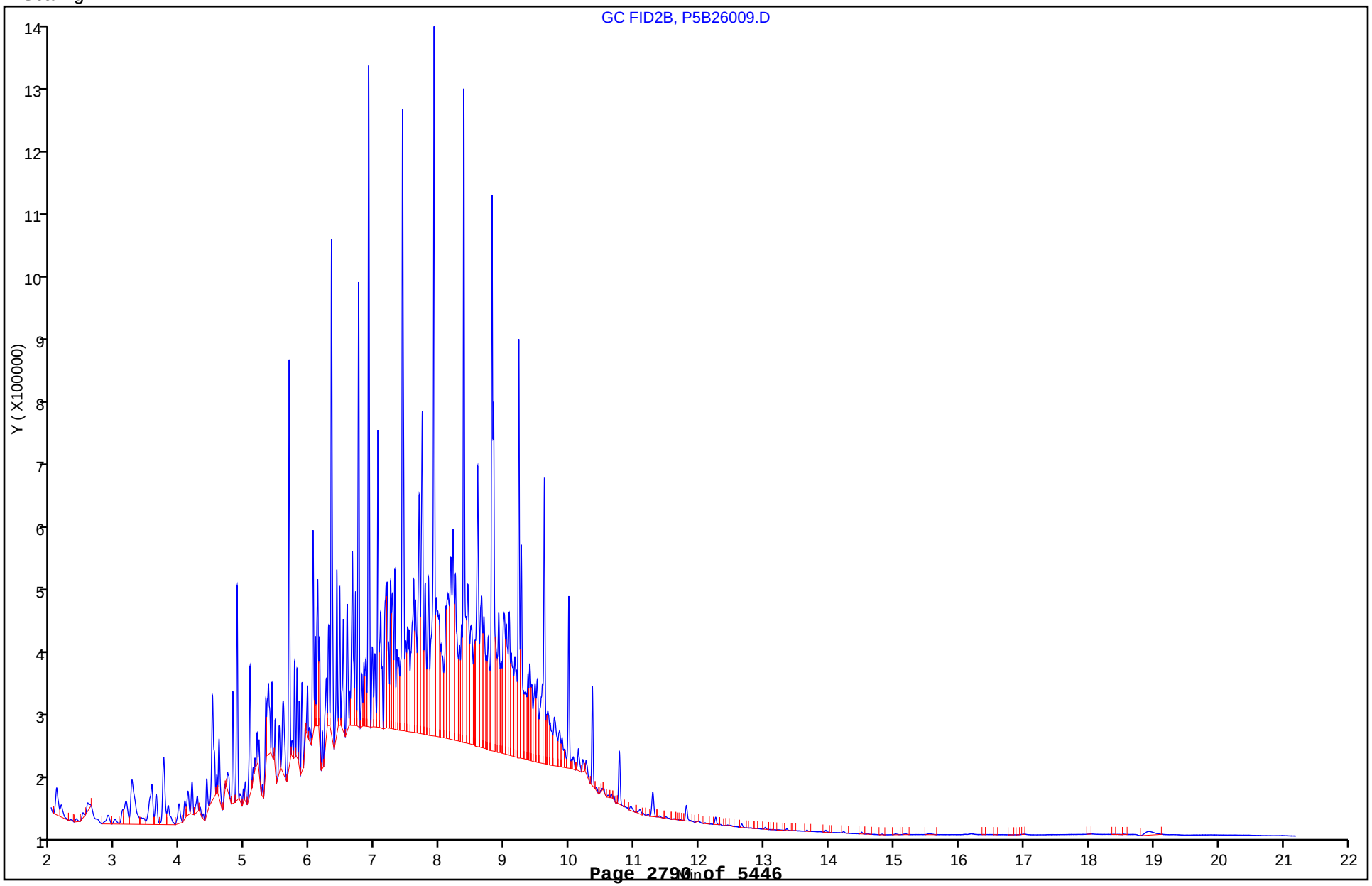
Data File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26009.D		
Lims ID:	ICV	Client ID:	
Inject. Date:	26-Nov-2012 16:43:49	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	240-0015266-009		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	59
Lims Batch ID:	66289	Lims Sample ID:	9
Sublist:	chrom-TPH5R*sub1		
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\TPH5R.m		
Last Update:	27-Nov-2012 09:55:05	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		
First Level Reviewer: bolgrind		Date:	27-Nov-2012 09:08:54

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
A 15 Diesel					
9.111	4.870 - 13.352		82491833	526.6	

Report Date: 27-Nov-2012 09:55:05 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26009.D		
Injection Date:	26-Nov-2012 16:43:49	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	66289	Lims Sample ID:	9
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69251/10 Calibration Date: 12/18/2012 14:43

Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12

GC Column: ID: Calib End Date: 11/26/2012 16:13

Lab File ID: P5B10010.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	165535		528	500	5.7	20.0
n-Nonane	Ave	149337	160048		53.6	50.0	7.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69251/10 Calibration Date: 12/18/2012 14:43

Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12

GC Column: ID: Calib End Date: 11/26/2012 16:13

Lab File ID: P5B10010.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35
n-Nonane	3.74	3.67	3.81

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10010.D		
Lims ID:	CCV DIESEL	Client ID:	
Inject. Date:	18-Dec-2012 14:43:19	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0015973-010		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	60
Lims Batch ID:	69251	Lims Sample ID:	10
Sublist:	chrom-TPH5R*sub1		
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m		
Last Update:	19-Dec-2012 13:01:09	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.736	3.736	0.000	8002389	53.6	
A 15 Diesel					
9.111	4.870 - 13.352		82767693	528.4	

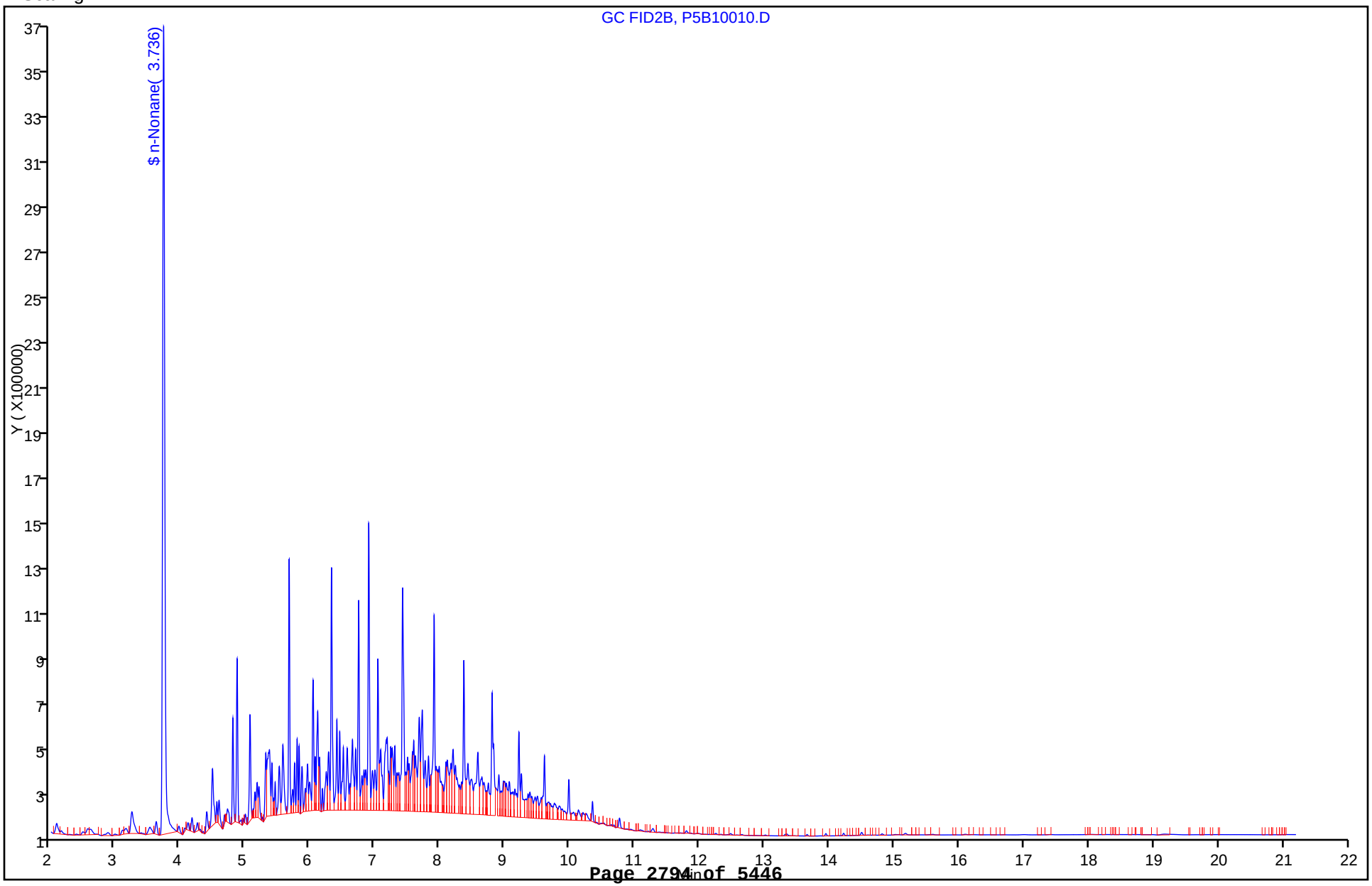
Report Date: 19-Dec-2012 13:01:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10010.D

Injection Date:	18-Dec-2012 14:43:19	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	10
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69251/21 Calibration Date: 12/18/2012 20:16

Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12

GC Column: ID: Calib End Date: 11/26/2012 16:13

Lab File ID: P5B10021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	168625		538	500	7.6	20.0
n-Nonane	Ave	149337	161631		54.1	50.0	8.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69251/21 Calibration Date: 12/18/2012 20:16

Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12

GC Column: ID: Calib End Date: 11/26/2012 16:13

Lab File ID: P5B10021.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35
n-Nonane	3.74	3.67	3.81

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10021.D		
Lims ID:	CCV DIESEL	Client ID:	
Inject. Date:	18-Dec-2012 20:16:24	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0015973-021		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	71
Lims Batch ID:	69251	Lims Sample ID:	21
Sublist:	chrom-TPH5R*sub1		
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m		
Last Update:	19-Dec-2012 10:48:56	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.737	3.738	-0.001	8081537	54.1	
A 15 Diesel					
9.111	4.869 - 13.352		84312677	538.2	

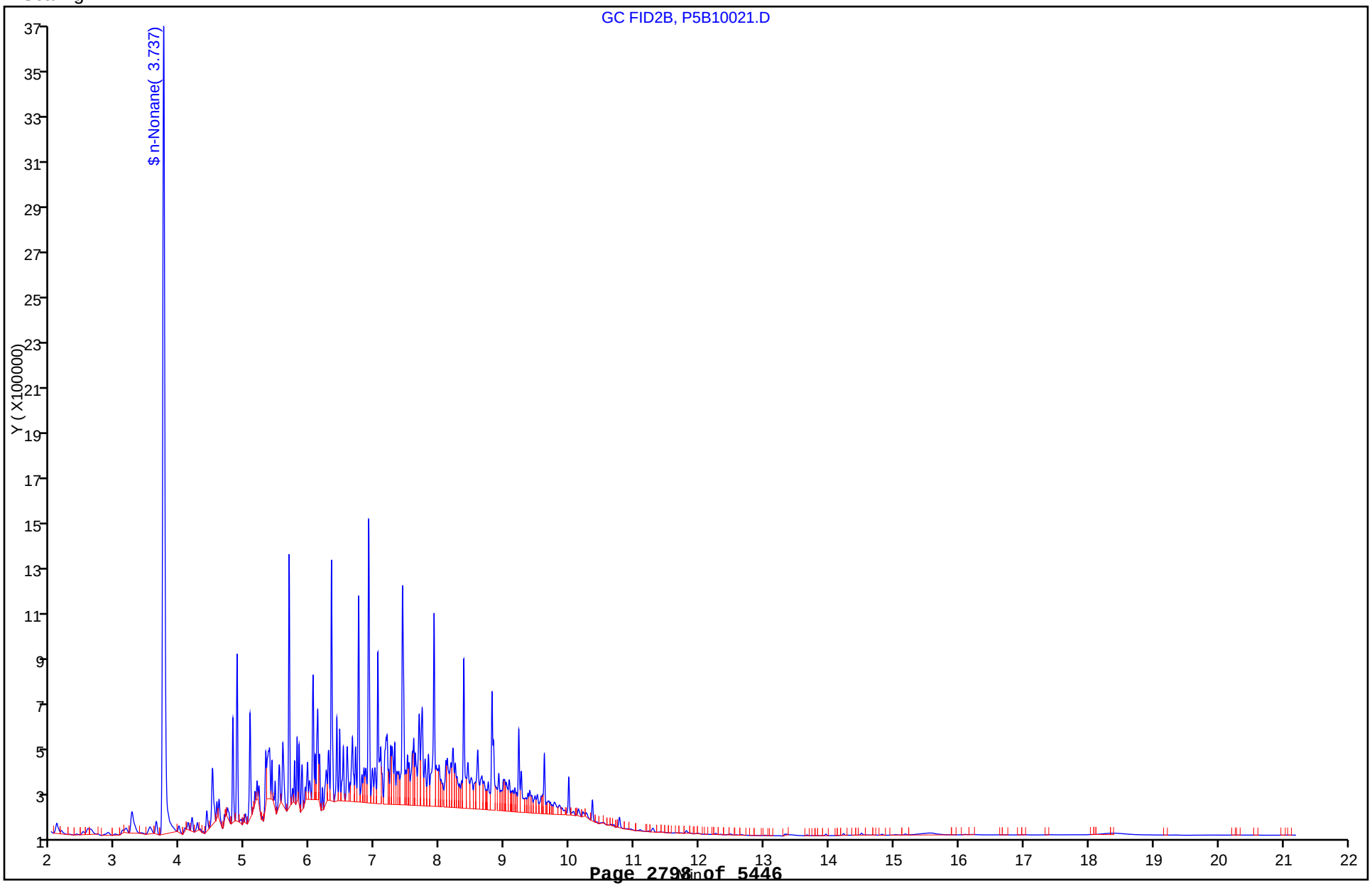
Report Date: 19-Dec-2012 10:48:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	18-Dec-2012 20:16:24	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	21
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69251/32 Calibration Date: 12/19/2012 01:49

Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12

GC Column: ID: Calib End Date: 11/26/2012 16:13

Lab File ID: P5B10032.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	172678		551	500	10.2	20.0
n-Nonane	Ave	149337	161075		53.9	50.0	7.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69251/32 Calibration Date: 12/19/2012 01:49

Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12

GC Column: ID: Calib End Date: 11/26/2012 16:13

Lab File ID: P5B10032.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35
n-Nonane	3.74	3.67	3.81

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10032.D		
Lims ID:	CCV DIESEL	Client ID:	
Inject. Date:	19-Dec-2012 01:49:49	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0015973-032		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	82
Lims Batch ID:	69251	Lims Sample ID:	32
Sublist:	chrom-TPH5R*sub1		
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m		
Last Update:	19-Dec-2012 10:49:03	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.739	3.738	0.001	8053739	53.9	
A 15 Diesel					
9.111	4.869 - 13.352		86338932	551.2	

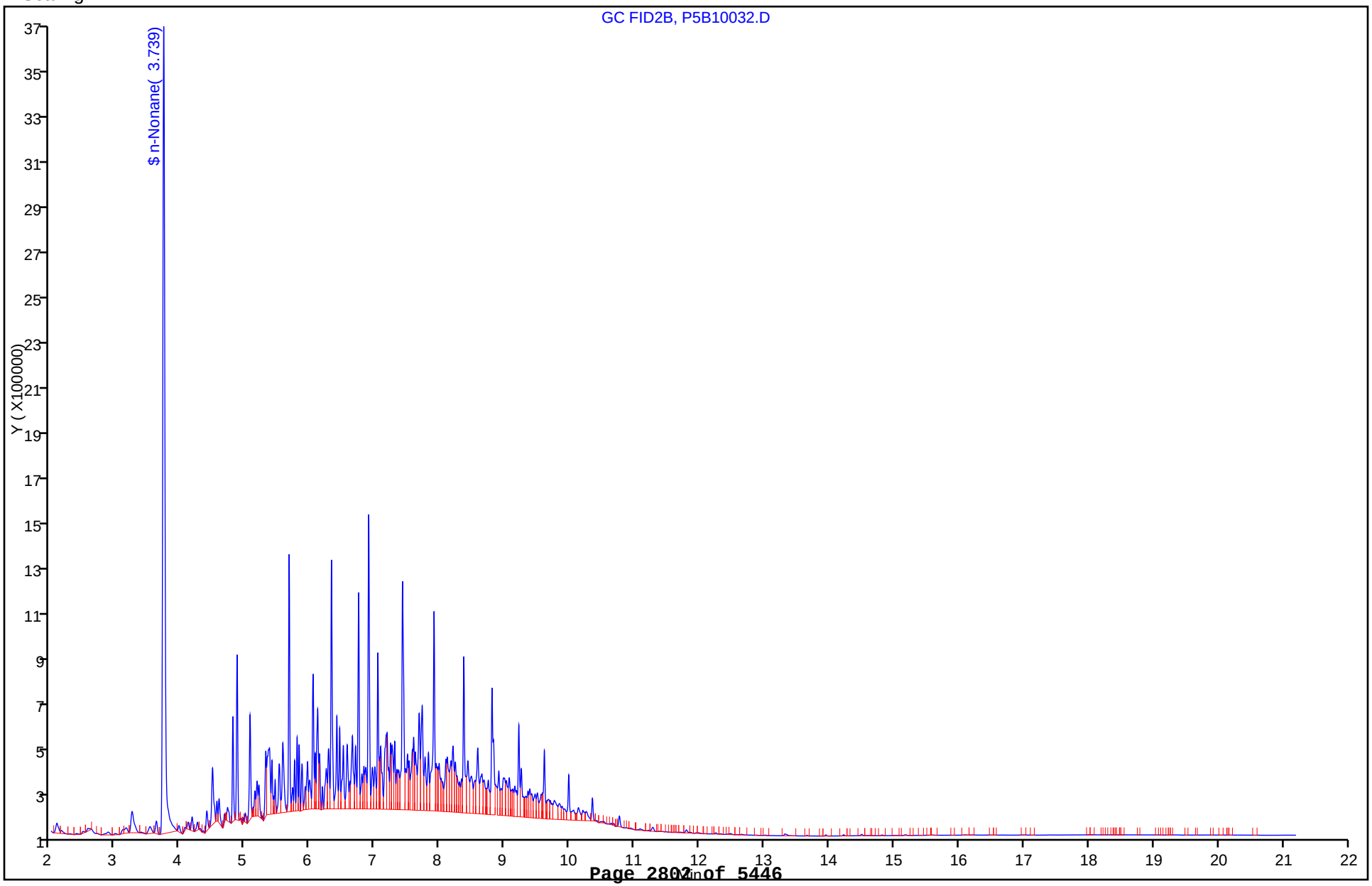
Report Date: 19-Dec-2012 10:49:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10032.D

Injection Date:	19-Dec-2012 01:49:49	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	32
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69475/5 Calibration Date: 12/19/2012 19:27

Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12

GC Column: ID: Calib End Date: 11/26/2012 16:13

Lab File ID: P5B10005.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	169451		541	500	8.2	20.0
n-Nonane	Ave	149337	160188		53.6	50.0	7.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69475/5 Calibration Date: 12/19/2012 19:27

Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12

GC Column: ID: Calib End Date: 11/26/2012 16:13

Lab File ID: P5B10005.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35
n-Nonane	3.73	3.66	3.80

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121219-16031.b\P5B10005.D		
Lims ID:	CCV DIESEL	Client ID:	
Inject. Date:	19-Dec-2012 19:27:33	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0016031-005		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	55
Lims Batch ID:	69475	Lims Sample ID:	5
Sublist:	chrom-TPH5R*sub1		
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121219-16031.b\TPH5R.m		
Last Update:	20-Dec-2012 10:17:29	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.734	3.734	0.000	8009381	53.6	
A 15 Diesel					
9.108	4.867 - 13.349		84725674	540.9	

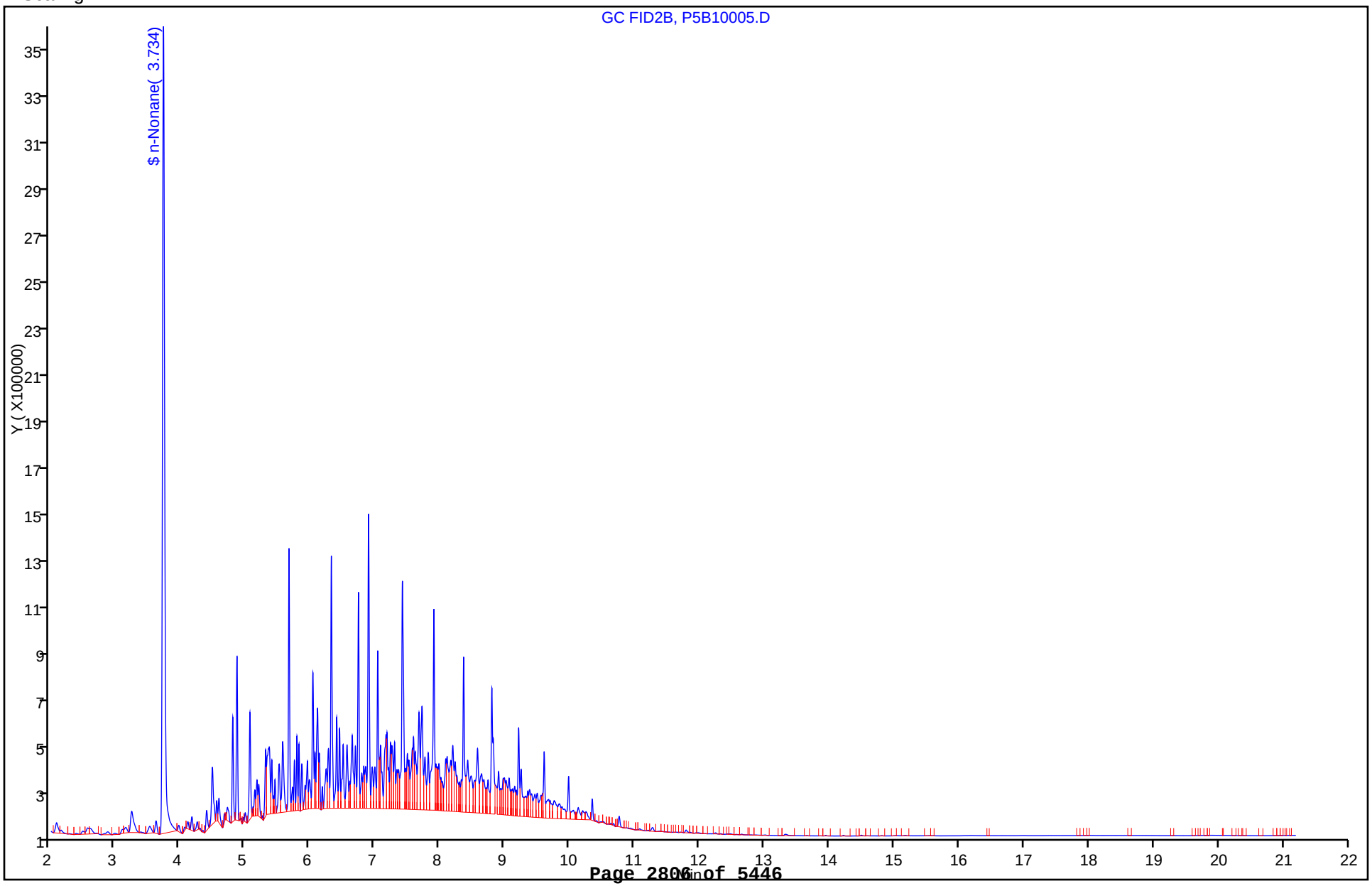
Report Date: 20-Dec-2012 10:17:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	19-Dec-2012 19:27:33	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	69475	Lims Sample ID:	5
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69475/11 Calibration Date: 12/19/2012 22:29

Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12

GC Column: ID: Calib End Date: 11/26/2012 16:13

Lab File ID: P5B10011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	146623		468	500	-6.4	20.0
n-Nonane	Ave	149337	137273		46.0	50.0	-8.1	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69475/11 Calibration Date: 12/19/2012 22:29

Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12

GC Column: ID: Calib End Date: 11/26/2012 16:13

Lab File ID: P5B10011.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35
n-Nonane	3.73	3.66	3.80

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121219-16031.b\P5B10011.D		
Lims ID:	CCV DIESEL	Client ID:	
Inject. Date:	19-Dec-2012 22:29:04	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016031-011		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	61
Lims Batch ID:	69475	Lims Sample ID:	11
Sublist:	chrom-TPH5R*sub1		
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121219-16031.b\TPH5R.m		
Last Update:	20-Dec-2012 10:17:33	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 8 n-Nonane					
3.729	3.734	-0.005	6863632	46.0	
A 15 Diesel					
9.108	4.867 - 13.349		73311720	468.0	

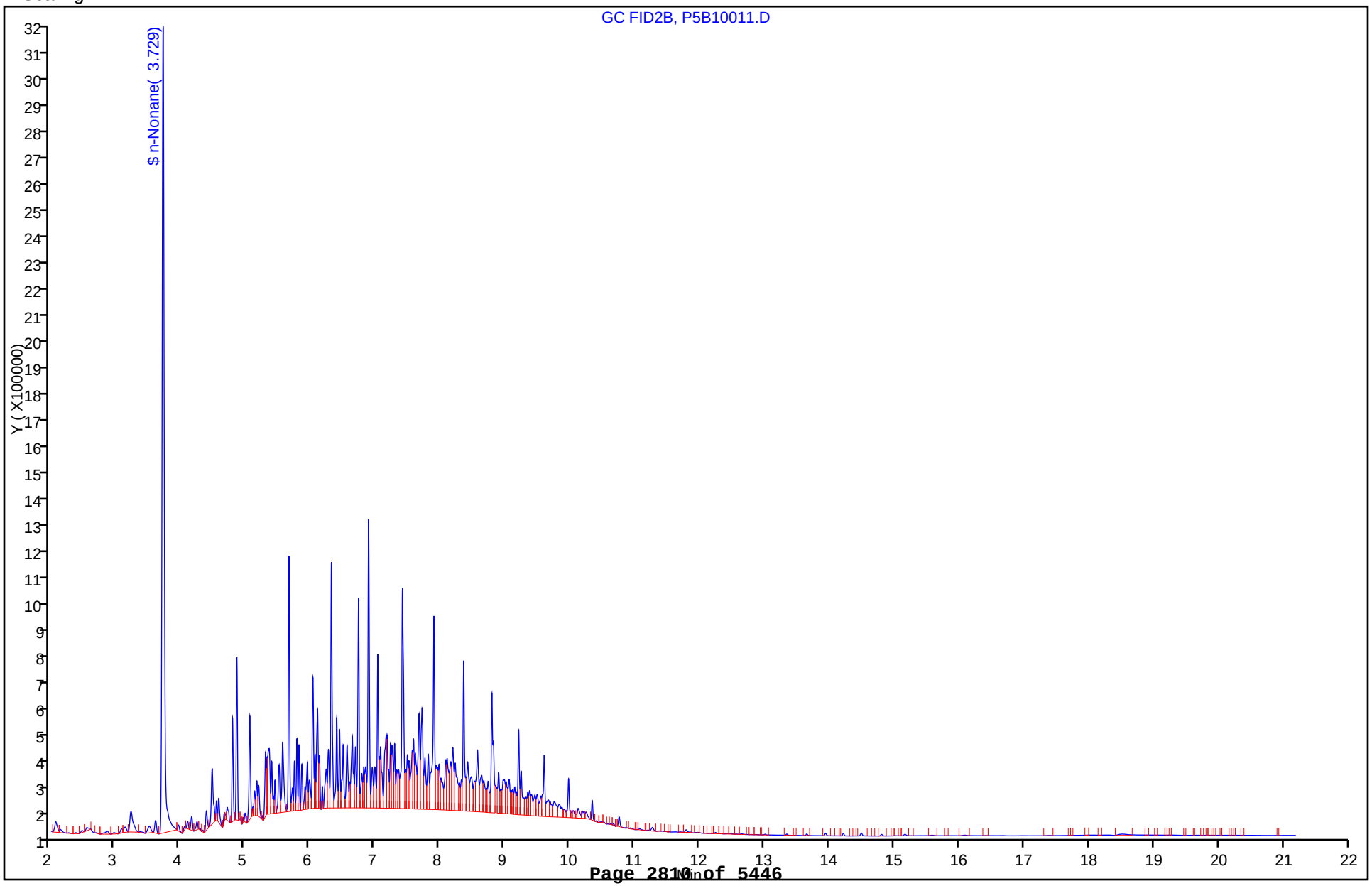
Report Date: 20-Dec-2012 10:17:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121219-16031.b\P5B10011.D

Injection Date:	19-Dec-2012 22:29:04	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	69475	Lims Sample ID:	11
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69020/4-A

Matrix: Solid | Lab File ID: P5B10011.D

Analysis Method: 8015B_DRO/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/17/2012 13:11

Sample wt/vol: 30(g) | Date Analyzed: 12/18/2012 15:13

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69251 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	9.3	U	17	9.3	9.3
STL00272	C20-C34	9.3	U	17	9.3	9.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	67		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10011.D
Lims ID: MB 240-69020/4-A Client ID:
Inject. Date: 18-Dec-2012 15:13:37 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015973-011
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 61
Lims Batch ID: 69251 Lims Sample ID: 11
Detector: GC FID2B

Method: \\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m
Last Update: 19-Dec-2012 10:48:49 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK014

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
	1 Tetratetracontane				1	
	26.157					
A	2 C28-C36					
	13.444 - 16.286					
A	3 C10-C34					
	4.869 - 15.180					
A	4 C32-C44					
	14.504 - 26.150					
A	5 C12-C22					
	6.325 - 10.769					
A	6 C22-C32					
	10.769 - 14.504					
	7 n-Octane					
	2.701	2.653	0.048	10140733	0	
$	8 n-Nonane					
	3.722	3.738	-0.016	10024342	67.1	
	9 n-Decane					
	4.863	4.869	-0.006	13256	0	
	10 Dodecane					
	6.328	6.325	0.003	1182	0	
	11 n-Tetradecane					
	7.440	7.422	0.018	357	0	
A	12 C10-C20					
	4.869 - 9.987					
	13 Hexadecane					
	8.384	8.368	0.016	3926	0	
A	14 C10-C28					
	4.824 - 13.444					

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
A 15 Diesel					
4.869 - 13.352					
16 n-Octadecane					
9.168	9.216	-0.048	1110	0	
A 17 C10-C32					
4.869 - 14.504					
18 icosane					
9.988	9.987	0.001	1290	0	
19 n-Docosane					
10.737	10.769	-0.032	1426	0	
A 20 C12-C24					
6.325 - 11.803					
21 n-Tetracosane					
11.808	11.803	0.005	1463	0	
A 22 C20-C34					
9.987 - 15.180					
23 n-Hexacosane					
12.661	12.655	0.006	1667	0	
24 n-Octacosane					
13.349	13.352	-0.003	10491	0	
25 Triacontane					
13.952	13.950	0.002	5894	0	
26 Dotriacontane					
14.505	14.504	0.001	14864	0	
27 Tetratriacontane					
15.182	15.180	0.002	26435	0	
A 28 C24-C40					
11.803 - 19.299					
29 n-Hexatriacontane					
16.103	16.099	0.004	26846	0	
30 C38					
17.362	17.406	-0.044	6849	0	
31 C40					
19.263	19.299	-0.036	9226	0	
A 32 C20-C36					
9.987 - 16.099					
A 34 C24-C44					
11.803 - 26.157					
A 35 C10-C24					
4.824 - 11.867					

QC Flag Legend

Processing Flags
1 - Missing Peaks

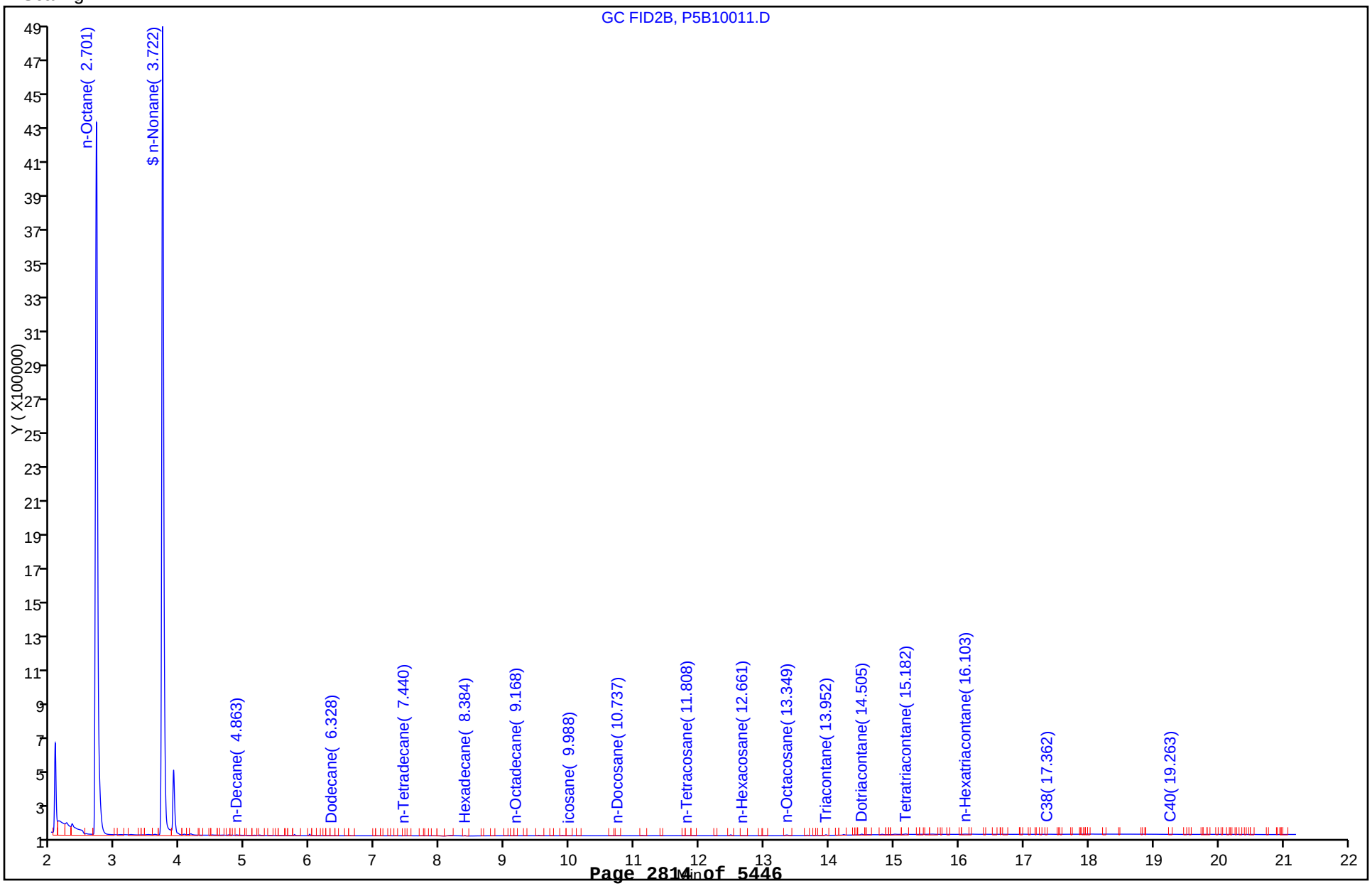
Report Date: 19-Dec-2012 10:48:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10011.D

Injection Date:	18-Dec-2012 15:13:37	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	11
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69020/24-A

Matrix: Solid Lab File ID: P5B10012.D

Analysis Method: 8015B_DRO/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 12/17/2012 13:11

Sample wt/vol: 30(g) Date Analyzed: 12/18/2012 15:43

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69251 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	63		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10012.D		
Lims ID:	LCS 240-69020/24-A	Client ID:	
Inject. Date:	18-Dec-2012 15:43:40	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	240-0015973-012		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	62
Lims Batch ID:	69251	Lims Sample ID:	12
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m		
Last Update:	19-Dec-2012 10:48:49	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$	8 n-Nonane					
	3.726	3.738	-0.012	9339410	62.5	
A	15 Diesel					
	9.111	4.869 -	13.352	61028535	389.6	

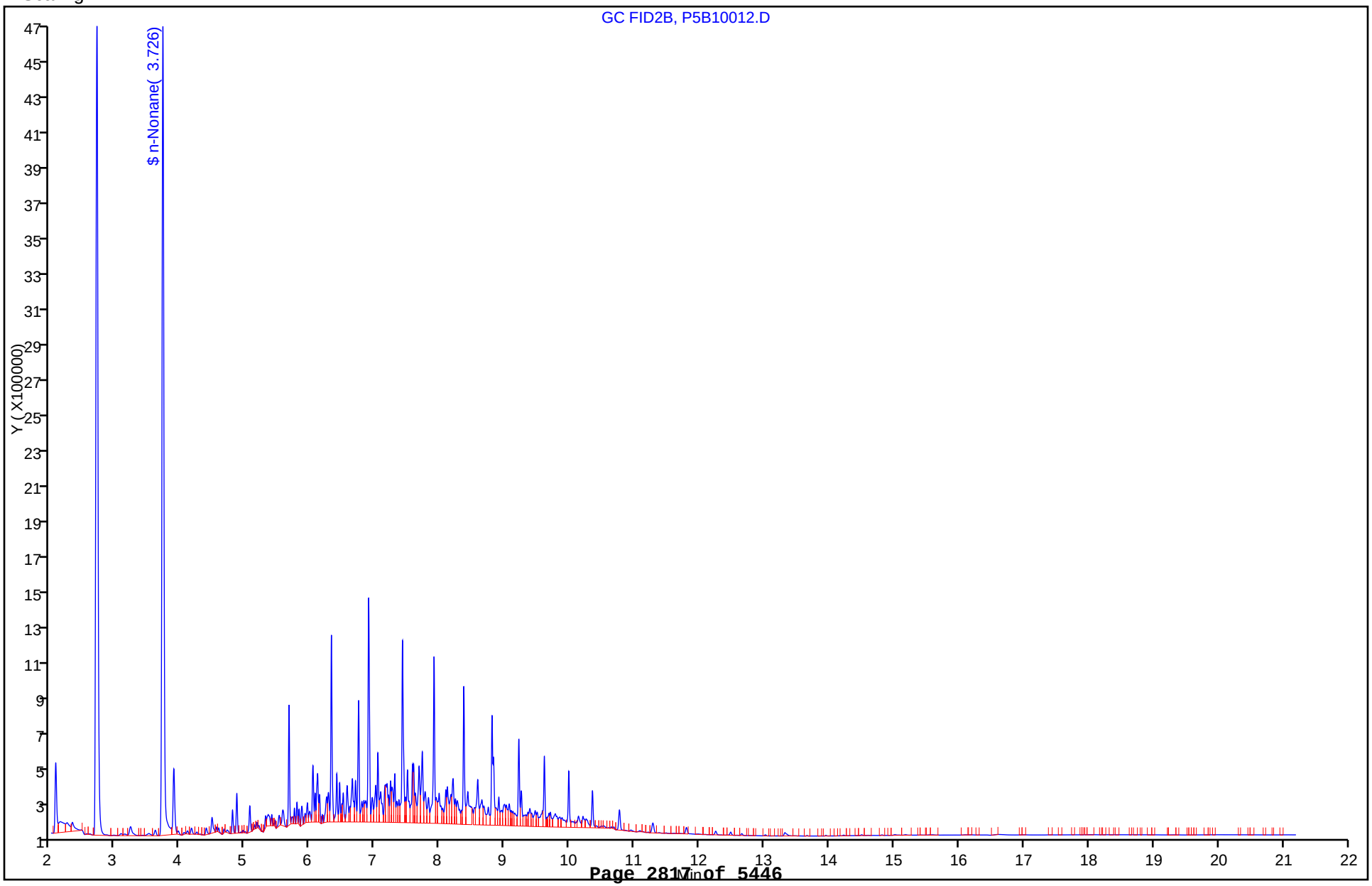
Report Date: 19-Dec-2012 10:48:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10012.D

Injection Date:	18-Dec-2012 15:43:40	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	12
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69251/9

Matrix: Solid | Lab File ID: P5B10009.D

Analysis Method: 8015B_DRO/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/18/2012 14:12

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69251 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	72.6	J	100	56	56
STL00272	C20-C34	56	U	100	56	56

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	99		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10009.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 14:12:59 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015973-009
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 59
Lims Batch ID: 69251 Lims Sample ID: 9
Detector: GC FID2B

Method: \\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m
Last Update: 19-Dec-2012 13:01:08 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK014

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
	1 Tetratetracontane					1
	26.157					
A	2 C28-C36					
	13.420	-16.150				
A	3 C10-C34					
	10.025	4.870 - 15.180		15481863	98.8	
A	4 C32-C44					
	14.505	-26.150				
A	5 C12-C22					
	8.547	6.325 - 10.768		9320307	59.5	
A	6 C22-C32					
	10.768	-14.505				
	7 n-Octane					1
	2.653					
$	8 n-Nonane					
	3.738	3.738	0.000	1482466	9.93	
	9 n-Decane					
	4.870	4.870	0.000	174258	0	
	10 Dodecane					
	6.325	6.325	0.000	264662	0	
	11 n-Tetradecane					
	7.421	7.421	0.000	347917	0	
A	12 C10-C20					
	7.428	4.870 - 9.986		11376056	72.6	
	13 Hexadecane					
	8.367	8.367	0.000	183816	0	
A	14 C10-C28					
	9.134	4.840 - 13.420		15216626	71.5	

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
A 15 Diesel					
9.111	4.870 - 13.352		15090039	96.3	
16 n-Octadecane					
9.215	9.215	0.000	100660	0	
A 17 C10-C32					
9.686	4.870 - 14.505		15249760	97.4	
18 icosane					
9.986	9.986	0.000	49996	0	
19 n-Docosane					
10.768	10.768	0.000	14879	0	
A 20 C12-C24					
9.064	6.325 - 11.800		10509971	67.1	
21 n-Tetracosane					
11.800	11.800	0.000	5806	0	
A 22 C20-C34					
	9.986 - 15.180				
23 n-Hexacosane					
12.657	12.657	0.000	2305	0	
24 n-Octacosane					
13.352	13.352	0.000	3775	0	
25 Triacontane					
13.953	13.953	0.000	7097	0	
26 Dotriacontane					
14.505	14.505	0.000	11644	0	
27 Tetratriacontane					
15.180	15.180	0.000	11990	0	
A 28 C24-C40					
	11.800 - 19.276				
29 n-Hexatriacontane					
16.100	16.100	0.000	4543	0	
30 C38					
17.398	17.398	0.000	4192	0	
31 C40					
19.276	19.276	0.000	3831	0	
A 32 C20-C36					
	9.986 - 16.100				
A 34 C24-C44					
	11.800 - 26.157				
A 35 C10-C24					
8.346	4.840 - 11.850		13941710	89.0	

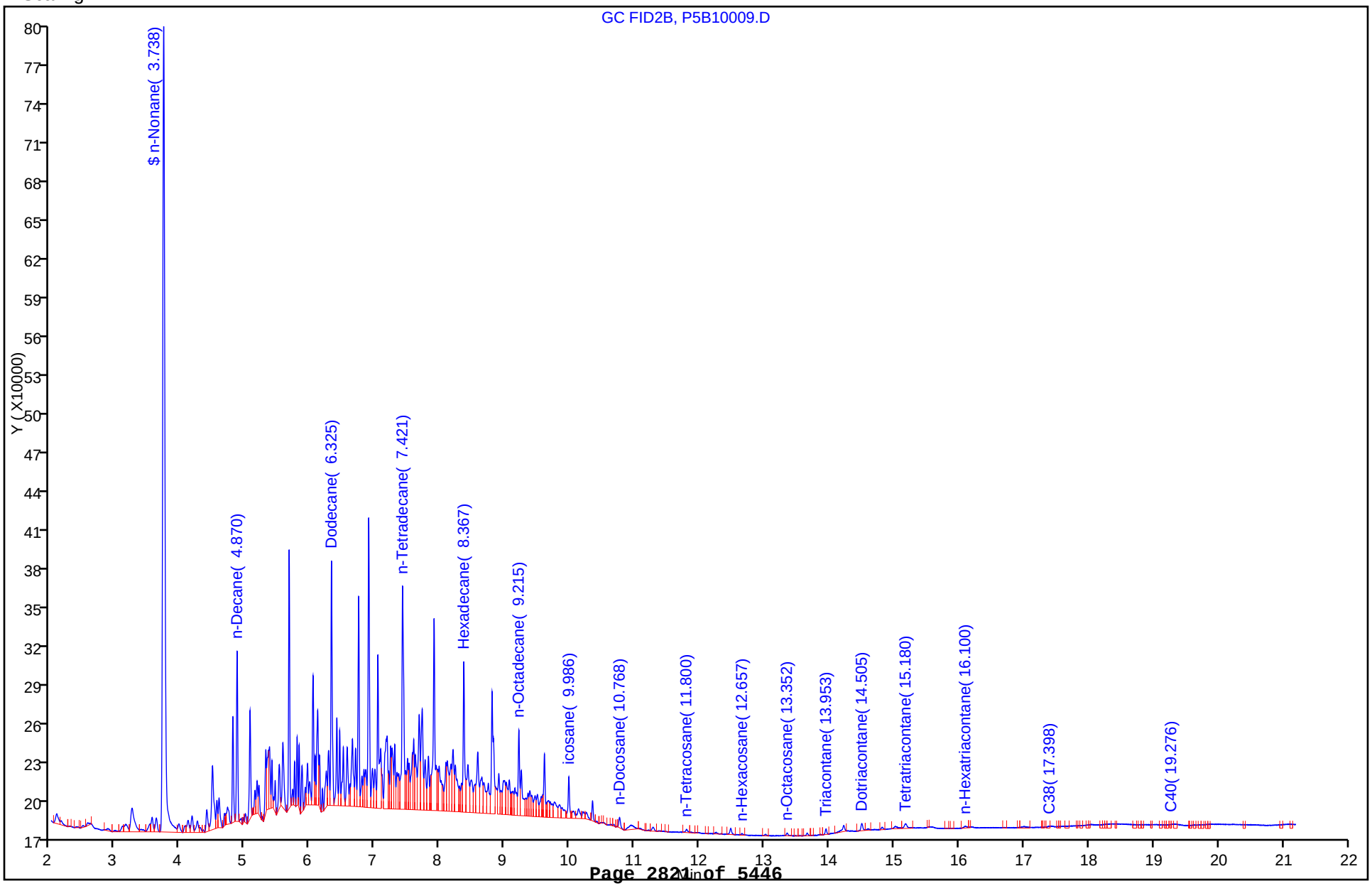
QC Flag Legend

Processing Flags
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Report Date: 19-Dec-2012 13:01:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10009.D		
Injection Date:	18-Dec-2012 14:12:59	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	9
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69251/39

Matrix: Solid Lab File ID: P5B10039.D

Analysis Method: 8015B_DRO/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/19/2012 12:22

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69251 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	62.6	J	100	56	56
STL00272	C20-C34	56	U	100	56	56

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	83		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10039.D
Lims ID: MRL Client ID:
Inject. Date: 19-Dec-2012 12:22:38 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID:
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 89
Lims Batch ID: 69251 Lims Sample ID: 39
Detector: GC FID2B

Method: \\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m
Last Update: 19-Dec-2012 13:08:38 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK014

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
	1 Tetratetracontane					1
	26.157					
A	2 C28-C36					
	13.420	-16.150				
A	3 C10-C34					
	10.025	4.870 - 15.180		13710009	87.5	
A	4 C32-C44					
	14.505	-26.150				
A	5 C12-C22					
	8.547	6.325 - 10.768		8002381	51.1	
A	6 C22-C32					
	10.768	-14.505				
	7 n-Octane					1
	2.653					
$	8 n-Nonane					
	3.729	3.736	-0.007	1236597	8.28	
	9 n-Decane					
	4.866	4.870	-0.004	149317	0	
	10 Dodecane					
	6.324	6.325	-0.001	235430	0	
	11 n-Tetradecane					
	7.419	7.421	-0.002	299959	0	
A	12 C10-C20					
	7.428	4.870 - 9.986		9798606	62.6	
	13 Hexadecane					
	8.365	8.367	-0.002	174774	0	
A	14 C10-C28					
	9.130	4.840 - 13.420		13618706	64.0	

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
A 15 Diesel					
9.111	4.870 - 13.352		13507662	86.2	
16 n-Octadecane					
9.214	9.215	-0.001	87556	0	
A 17 C10-C32					
9.687	4.870 - 14.505		13579810	86.7	
18 icosane					
9.984	9.986	-0.002	50018	0	
19 n-Docosane					
10.765	10.768	-0.003	12157	0	
A 20 C12-C24					
9.063	6.325 - 11.800		9197146	58.7	
21 n-Tetracosane					
11.797	11.800	-0.003	5033	0	
A 22 C20-C34					
	10.029 - 15.180				
23 n-Hexacosane					
12.652	12.657	-0.005	1509	0	
24 n-Octacosane					
13.350	13.352	-0.002	1451	0	
25 Triacontane					
13.948	13.953	-0.005	2882	0	
26 Dotriacontane					
14.505	14.505	0.000	7475	0	
27 Tetratriacontane					
15.181	15.180	0.001	3009	0	
A 28 C24-C40					
	11.800 - 19.276				
29 n-Hexatriacontane					1
	16.100				
30 C38					
17.378	17.398	-0.020	1317	0	
31 C40					
19.273	19.276	-0.003	5796	0	
A 32 C20-C36					
	9.986 - 16.100				
A 34 C24-C44					
	11.800 - 26.157				
A 35 C10-C24					
8.345	4.840 - 11.850		12153509	77.6	

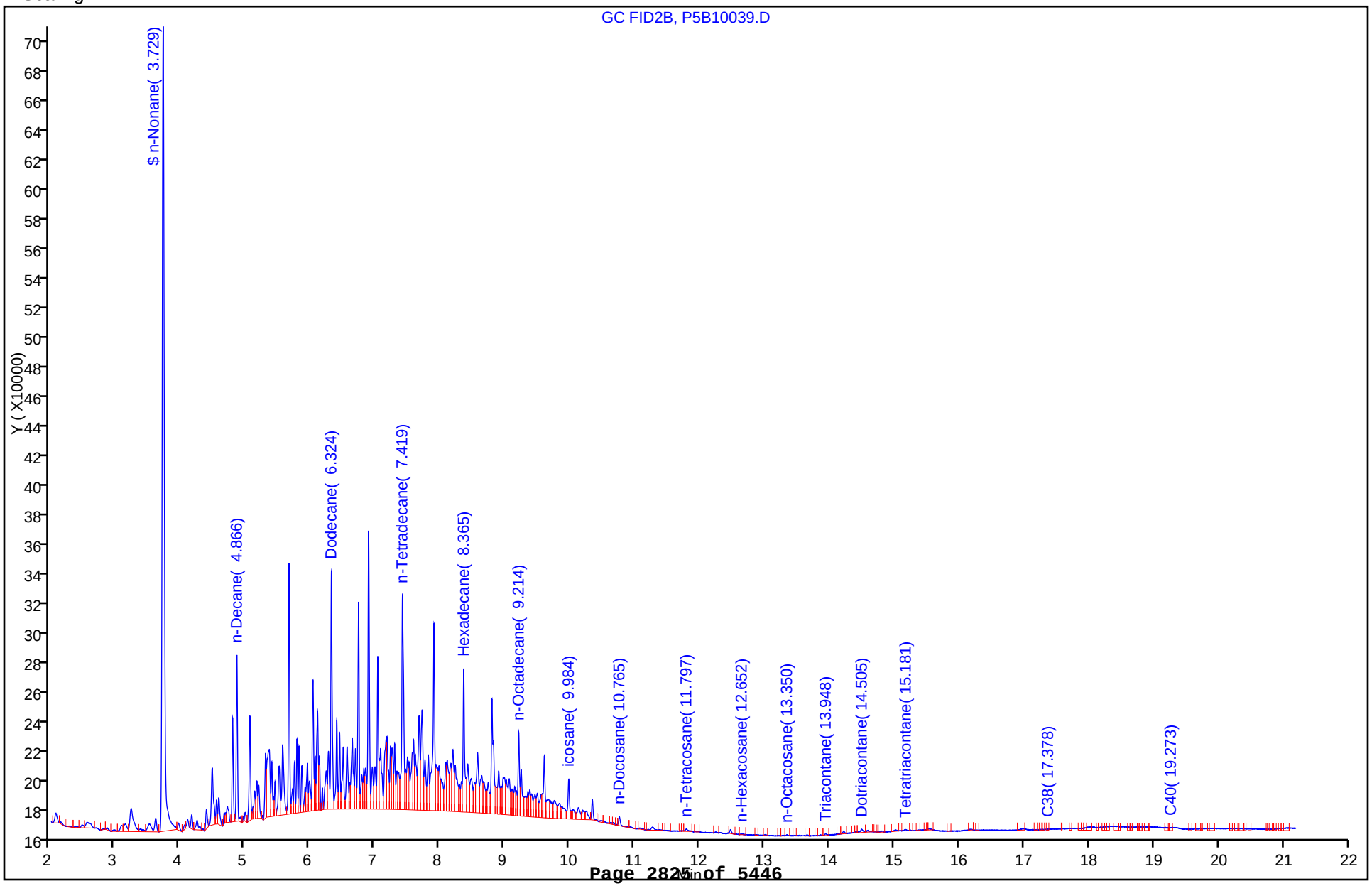
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Processing Flags
1 - Missing Peaks

Report Date: 19-Dec-2012 13:10:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10039.D		
Injection Date:	19-Dec-2012 12:22:38	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	39
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69475/4

Matrix: Solid | Lab File ID: P5B10004.D

Analysis Method: 8015B_DRO/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/19/2012 18:57

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69475 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	61.6	J	100	56	56
STL00272	C20-C34	56	U	100	56	56

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	84		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121219-16031.b\P5B10004.D
Lims ID: MRL Client ID:
Inject. Date: 19-Dec-2012 18:57:10 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016031-004
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 54
Lims Batch ID: 69475 Lims Sample ID: 4
Detector: GC FID2B

Method: \\Ncchrom\ChromData\A2HP5R\20121219-16031.b\TPH5R.m
Last Update: 20-Dec-2012 10:17:28 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
	1 Tetratetracontane					1
	26.157					
A	2 C28-C36					
	13.404	-16.130				
A	3 C10-C34					
	10.019	4.867 - 15.171		12889766	82.3	
A	4 C32-C44					
	14.502	-26.150				
A	5 C12-C22					
	8.544	6.323 - 10.765		7911250	50.5	
A	6 C22-C32					
	10.765	-14.502				
	7 n-Octane					
	2.687	2.687	0.000	874	0	
$	8 n-Nonane					
	3.729	3.729	0.000	1247184	8.35	
	9 n-Decane					
	4.867	4.867	0.000	143139	0	
	10 Dodecane					
	6.323	6.323	0.000	232975	0	
	11 n-Tetradecane					
	7.419	7.419	0.000	352016	0	
A	12 C10-C20					
	7.425	4.867 - 9.983		9645545	61.6	
	13 Hexadecane					
	8.363	8.363	0.000	178512	0	
A	14 C10-C28					
	9.120	4.836 - 13.404		12783260	60.0	

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
A 15 Diesel					
9.108	4.867 - 13.349		12689910	81.0	
16 n-Octadecane					
9.213	9.213	0.000	88856	0	
A 17 C10-C32					
9.684	4.867 - 14.502		12802841	81.7	
18 icosane					
9.983	9.983	0.000	47742	0	
19 n-Docosane					
10.765	10.765	0.000	11803	0	
A 20 C12-C24					
9.062	6.323 - 11.801		8884317	56.7	
21 n-Tetracosane					
11.801	11.801	0.000	5136	0	
A 22 C20-C34					
	9.983 - 15.171				
23 n-Hexacosane					
12.656	12.656	0.000	1639	0	
24 n-Octacosane					
13.349	13.349	0.000	1977	0	
25 Triacontane					
13.945	13.945	0.000	4531	0	
26 Dotriacontane					
14.502	14.502	0.000	5516	0	
27 Tetratriacontane					
15.171	15.171	0.000	4949	0	
A 28 C24-C40					
	11.801 - 19.265				
29 n-Hexatriacontane					
16.099	16.099	0.000	2569	0	
30 C38					
17.379	17.379	0.000	1830	0	
31 C40					
19.265	19.265	0.000	3714	0	
A 32 C20-C36					
	9.983 - 16.099				
A 34 C24-C44					
	11.801 - 26.157				
A 35 C10-C24					
8.360	4.836 - 11.885		11768743	75.1	

QC Flag Legend

Processing Flags
1 - Missing Peaks

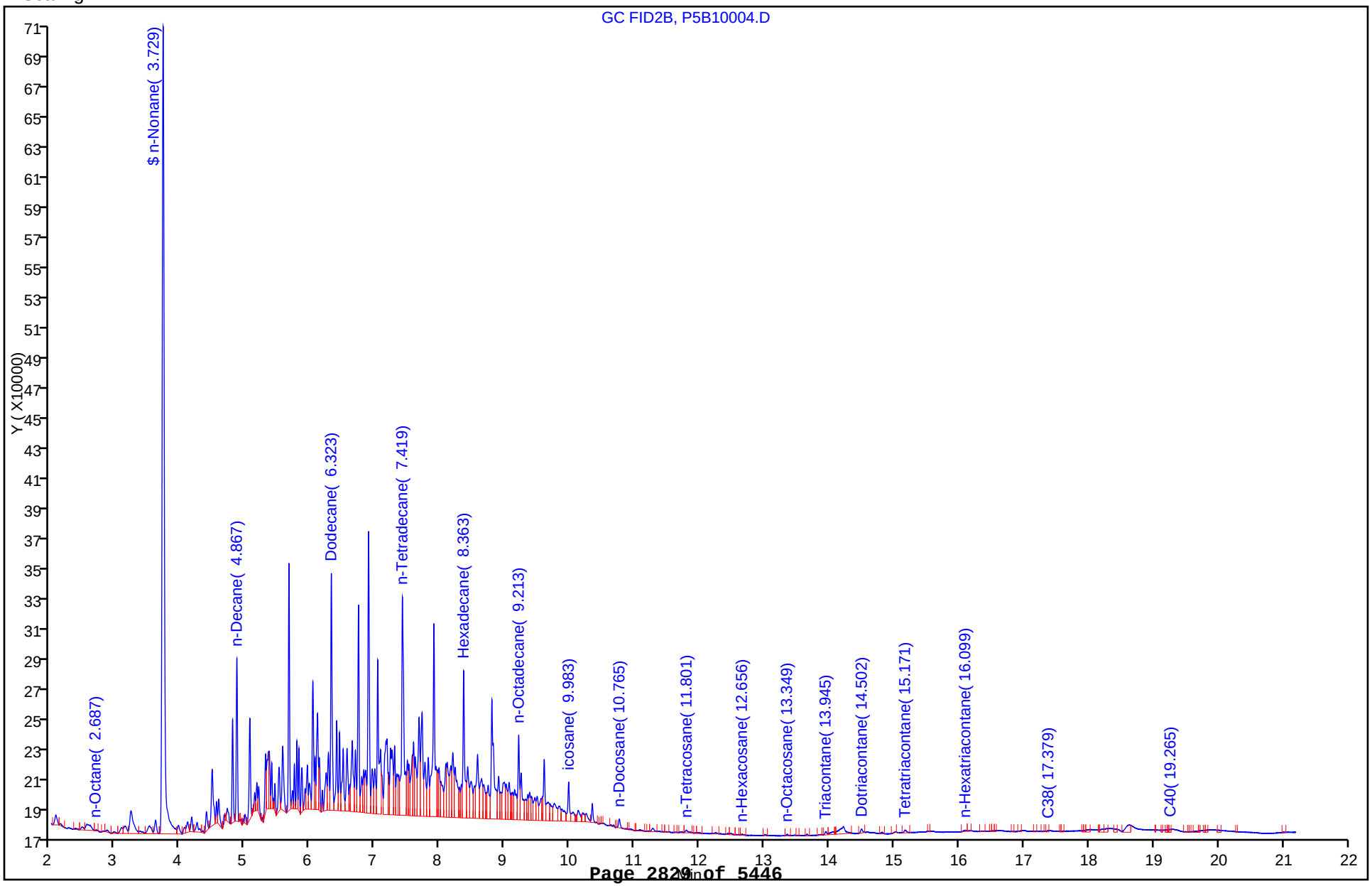
Report Date: 20-Dec-2012 10:17:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121219-16031.b\P5B10004.D

Injection Date:	19-Dec-2012 18:57:10	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	69475	Lims Sample ID:	4
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69475/37

Matrix: Solid Lab File ID: P5B10037.D

Analysis Method: 8015B_DRO/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/20/2012 11:36

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: ID:

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69475 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	83.3	J	100	56	56
STL00272	C20-C34	56	U	100	56	56

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	108		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121219-16031.b\P5B10037.D
Lims ID: MRL Client ID:
Inject. Date: 20-Dec-2012 11:36:39 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016031-037
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 87
Lims Batch ID: 69475 Lims Sample ID: 37
Detector: GC FID2B

Method: \\Ncchrom\ChromData\A2HP5R\20121219-16031.b\TPH5R.m
Last Update: 20-Dec-2012 12:41:47 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC 8015C TPH ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK025

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	Tetratetracontane					1
	26.157					
A	2 C28-C36					
	13.404	-16.130				
A	3 C10-C34					
	10.019	4.867 - 15.171		17834210	113.8	
A	4 C32-C44					
	14.502	-26.150				
A	5 C12-C22					
	8.544	6.323 - 10.765		10730804	68.5	
A	6 C22-C32					
	10.765	-14.502				
7	n-Octane					1
	2.687					
$	8 n-Nonane					
	3.736	3.734	0.002	1613161	10.8	
9	n-Decane					
	4.869	4.867	0.002	195504	0	
10	Dodecane					
	6.325	6.323	0.002	317044	0	
11	n-Tetradecane					
	7.421	7.419	0.002	453935	0	
A	12 C10-C20					
	7.402	4.867 - 9.938		13048231	83.3	
13	Hexadecane					
	8.366	8.363	0.003	225033	0	
A	14 C10-C28					
	9.120	4.836 - 13.404		17691766	83.1	

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
A 15 Diesel					
9.108	4.867 - 13.349		17560307	112.1	
16 n-Octadecane					
9.214	9.213	0.001	116116	0	
A 17 C10-C32					
9.684	4.867 - 14.502		17766770	113.4	
18 icosane					
9.985	9.983	0.002	63421	0	
19 n-Docosane					
10.767	10.765	0.002	14740	0	
A 20 C12-C24					
9.062	6.323 - 11.801		12150249	77.6	
21 n-Tetracosane					
11.802	11.801	0.001	7037	0	
A 22 C20-C34					
	9.983 - 15.171				
23 n-Hexacosane					
12.654	12.656	-0.002	2074	0	
24 n-Octacosane					
13.350	13.349	0.001	5154	0	
25 Triacontane					
13.950	13.945	0.005	9325	0	
26 Dotriacontane					
14.502	14.502	0.000	12527	0	
27 Tetratriacontane					
15.177	15.171	0.006	8918	0	
A 28 C24-C40					
	11.801 - 19.265				
29 n-Hexatriacontane					
16.093	16.099	-0.006	5200	0	
30 C38					
17.396	17.379	0.017	2537	0	
31 C40					1
	19.265				
A 32 C20-C36					
	9.983 - 16.099				
A 34 C24-C44					
	11.801 - 26.157				
A 35 C10-C24					
8.360	4.836 - 11.885		16042156	102.4	

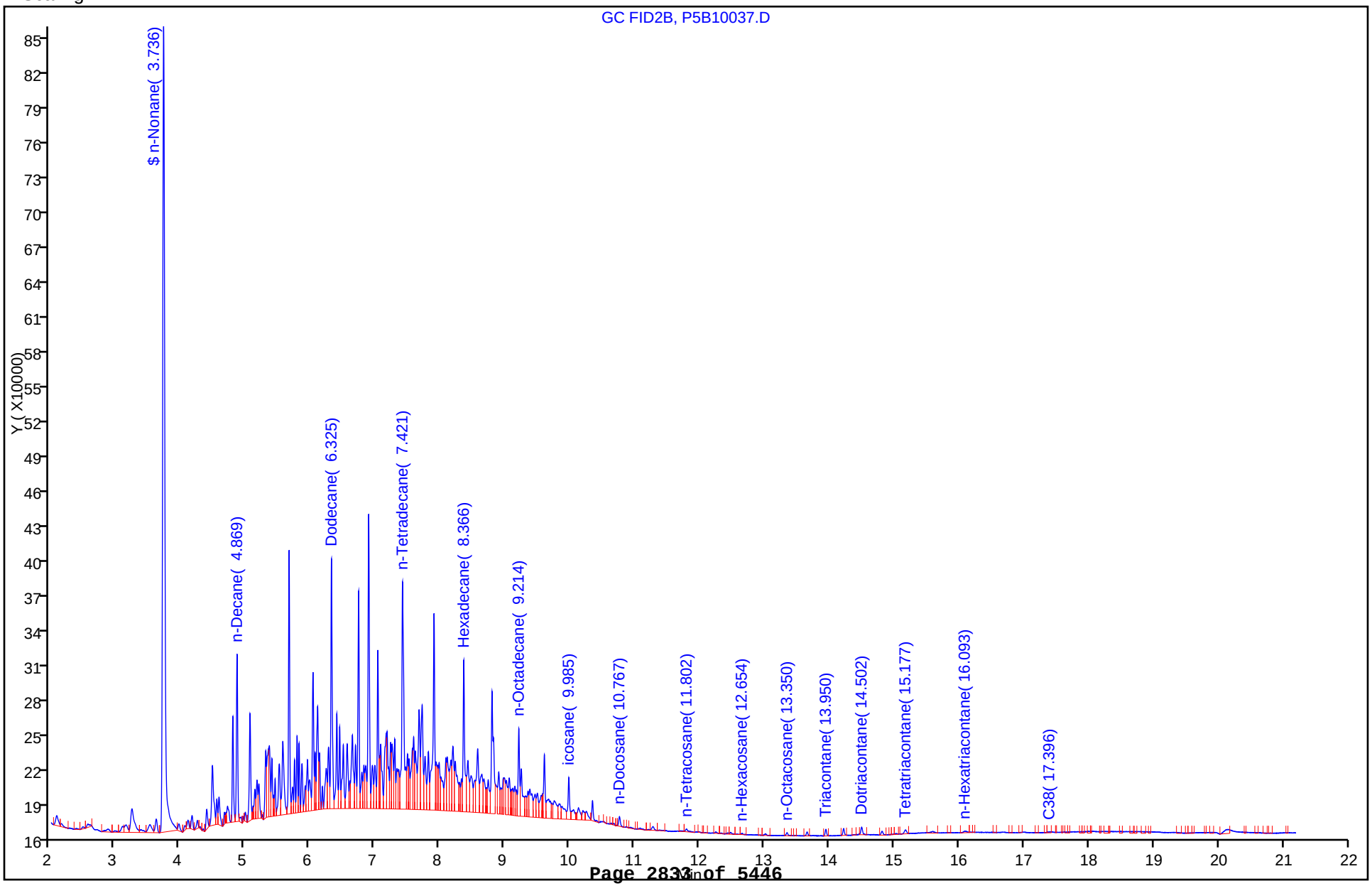
QC Flag Legend

Processing Flags
1 - Missing Peaks

Report Date: 20-Dec-2012 12:41:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121219-16031.b\P5B10037.D		
Injection Date:	20-Dec-2012 11:36:39	Limit Group:	GC 8015C TPH ICAL
Client ID:		Instrument ID:	A2HP5R
Lims Batch ID:	69475	Lims Sample ID:	37
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO MS | Lab Sample ID: 240-18544-1 MS

Matrix: Solid | Lab File ID: P5B10014.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/06/2012 09:22

Extraction Method: 3540C | Date Extracted: 12/17/2012 13:11

Sample wt/vol: 30.04(g) | Date Analyzed: 12/18/2012 16:44

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69251 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	66.5		19	10	10
STL00272	C20-C34	10	U	19	10	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	62		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10014.D		
Lims ID:	240-18544-U-1-B MS	Client ID:	072SB-0063-0002-SO
Inject. Date:	18-Dec-2012 16:44:07	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	240-0015973-014		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	64
Lims Batch ID:	69251	Lims Sample ID:	14
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m		
Last Update:	19-Dec-2012 10:48:49	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
	1 Tetratetracontane					1
	26.157					
A	2 C28-C36					
	13.444	-16.286				
A	3 C10-C34					
	10.025	4.869 - 15.180		64751143	413.4	
A	4 C32-C44					
	14.504	-26.150				
A	5 C12-C22					
	8.547	6.325 - 10.769		50146907	320.1	
A	6 C22-C32					
	10.769	-14.504				
	7 n-Octane					
	2.605	2.653	-0.048	14305	0	
$	8 n-Nonane					
	3.729	3.738	-0.009	9206432	61.6	
	9 n-Decane					
	4.867	4.869	-0.002	292633	0	
	10 Dodecane					
	6.324	6.325	-0.001	1448327	0	
	11 n-Tetradecane					
	7.421	7.422	-0.001	1842358	0	
A	12 C10-C20					
	7.428	4.869 - 9.987		55600274	354.9	
	13 Hexadecane					
	8.366	8.368	-0.002	1195424	0	
A	14 C10-C28					
	9.134	4.824 - 13.444		64336773	302.1	

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
A 15 Diesel					
9.111	4.869 - 13.352		64103244	409.2	
16 n-Octadecane					
9.214	9.216	-0.002	779202	0	
A 17 C10-C32					
9.686	4.869 - 14.504		64471153	411.6	
18 icosane					
9.984	9.987	-0.003	555526	0	
19 n-Docosane					
10.766	10.769	-0.003	222710	0	
A 20 C12-C24					
9.064	6.325 - 11.803		50183291	320.4	
21 n-Tetracosane					
11.799	11.803	-0.004	90280	0	
A 22 C20-C34					
12.604	9.987 - 15.180		6613389	42.2	
23 n-Hexacosane					
12.653	12.655	-0.002	35627	0	
24 n-Octacosane					
13.309	13.352	-0.043	168950	0	
25 Triacontane					
13.948	13.950	-0.002	57603	0	
26 Dotriacontane					
14.501	14.504	-0.003	25400	0	
27 Tetratriacontane					
15.176	15.180	-0.004	19611	0	
A 28 C24-C40					
	11.803 - 19.299				
29 n-Hexatriacontane					
16.099	16.099	0.000	14647	0	
30 C38					
17.404	17.406	-0.002	8018	0	
31 C40					1
	19.299				
A 32 C20-C36					
13.043	9.987 - 16.099		7230069	46.2	
A 34 C24-C44					
	11.803 - 26.157				
A 35 C10-C24					
8.346	4.824 - 11.867		60675671	387.3	

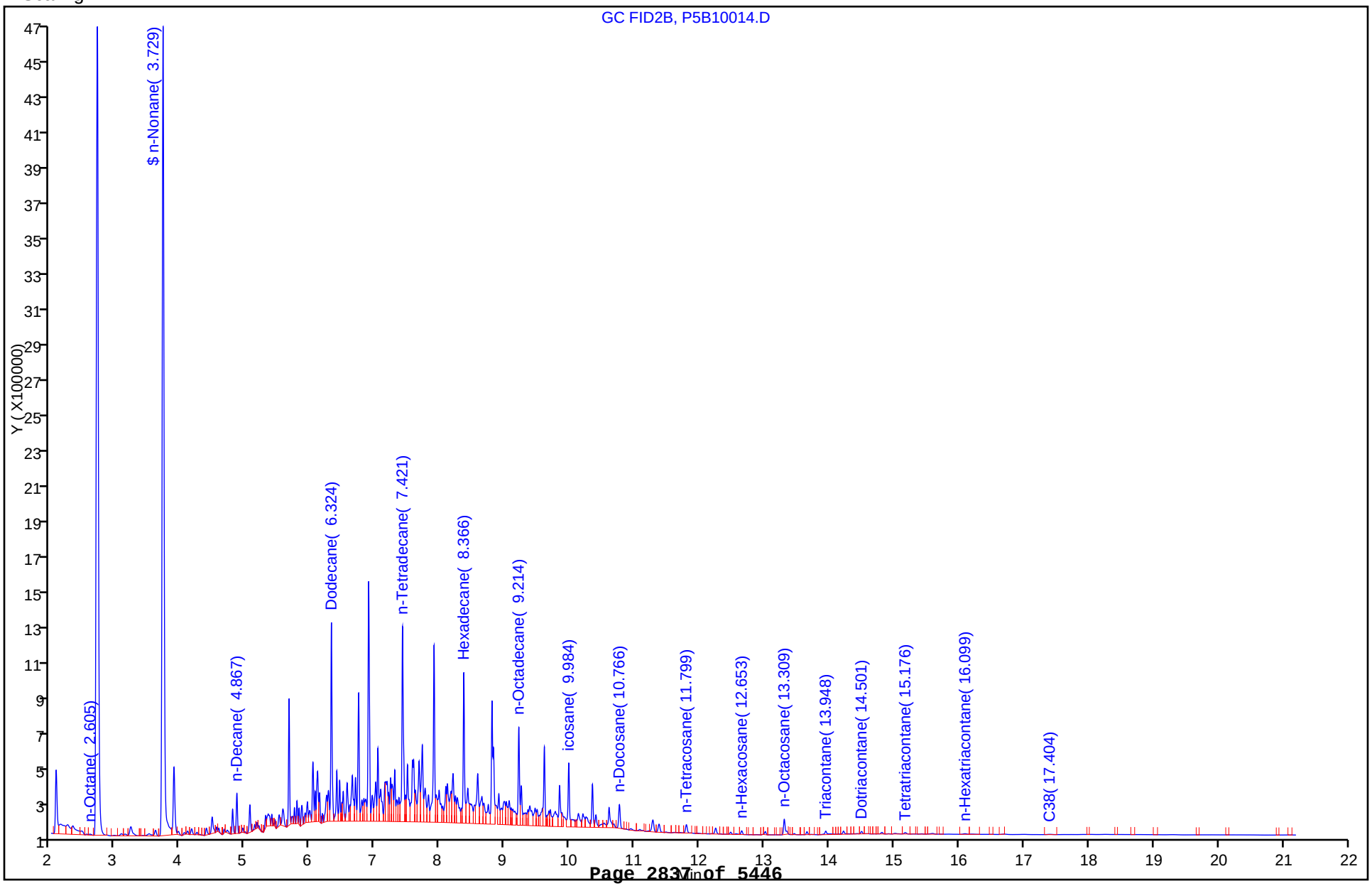
QC Flag Legend

Processing Flags
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Report Date: 19-Dec-2012 10:48:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10014.D		
Injection Date:	18-Dec-2012 16:44:07	Limit Group:	GC 8015C TPH ICAL
Client ID:	072SB-0063-0002-SO	Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	14
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0063-0001-SO MSD | Lab Sample ID: 240-18544-1 MSD

Matrix: Solid | Lab File ID: P5B10015.D

Analysis Method: 8015B_DRO/DOD | Date Collected: 12/06/2012 09:22

Extraction Method: 3540C | Date Extracted: 12/17/2012 13:11

Sample wt/vol: 29.93(g) | Date Analyzed: 12/18/2012 17:14

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: | ID:

% Moisture: 11.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69251 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	75.5		19	10	10
STL00272	C20-C34	10	U	19	10	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	74		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10015.D		
Lims ID:	240-18544-U-1-C MSD	Client ID:	072SB-0063-0002-SO
Inject. Date:	18-Dec-2012 17:14:30	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	240-0015973-015		
Misc. Info.:			
Operator:	4275	Instrument ID:	A2HP5R
Injection Vol:	1.0 ul	ALS Bottle#:	65
Lims Batch ID:	69251	Lims Sample ID:	15
Detector:	GC FID2B		
Method:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\TPH5R.m		
Last Update:	19-Dec-2012 10:48:49	Calib Date:	26-Nov-2012 16:13:35
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D		
Limit Group:	GC 8015C TPH ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK014		

	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
	1 Tetratetracontane					1
	26.157					
A	2 C28-C36					
	13.444	-16.286				
A	3 C10-C34					
	10.025	4.869 - 15.180		73160618	467.0	
A	4 C32-C44					
	14.504	-26.150				
A	5 C12-C22					
	8.547	6.325 - 10.769		56484854	360.6	
A	6 C22-C32					
	10.769	-14.504				
	7 n-Octane					1
	2.653					
$	8 n-Nonane					
	3.724	3.738	-0.014	11085032	74.2	
	9 n-Decane					
	4.865	4.869	-0.004	339944	0	
	10 Dodecane					
	6.324	6.325	-0.001	1480921	0	
	11 n-Tetradecane					
	7.420	7.422	-0.002	1624107	0	
A	12 C10-C20					
	7.428	4.869 - 9.987		62859755	401.3	
	13 Hexadecane					
	8.366	8.368	-0.002	1093153	0	
A	14 C10-C28					
	9.134	4.824 - 13.444		72854846	342.2	

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
A 15 Diesel					
9.111	4.869 - 13.352		72564213	463.2	
16 n-Octadecane					
9.214	9.216	-0.002	724692	0	
A 17 C10-C32					
9.686	4.869 - 14.504		72886343	465.3	
18 icosane					
9.984	9.987	-0.003	459795	0	
19 n-Docosane					
10.765	10.769	-0.004	245467	0	
A 20 C12-C24					
9.064	6.325 - 11.803		56570967	361.1	
21 n-Tetracosane					
11.799	11.803	-0.004	102306	0	
A 22 C20-C34					
12.603	9.987 - 15.180		7116969	45.4	
23 n-Hexacosane					
12.654	12.655	-0.001	40630	0	
24 n-Octacosane					
13.348	13.352	-0.004	28695	0	
25 Triacontane					
13.949	13.950	-0.001	20246	0	
26 Dotriacontane					
14.501	14.504	-0.003	18667	0	
27 Tetratriacontane					
15.175	15.180	-0.005	15409	0	
A 28 C24-C40					
	11.803 - 19.299				
29 n-Hexatriacontane					
16.095	16.099	-0.004	10949	0	
30 C38					
17.399	17.406	-0.007	388	0	
31 C40					
19.274	19.299	-0.025	506	0	
A 32 C20-C36					
13.043	9.987 - 16.099		7774288	49.6	
A 34 C24-C44					
	11.803 - 26.157				
A 35 C10-C24					
8.346	4.824 - 11.867		68391986	436.6	

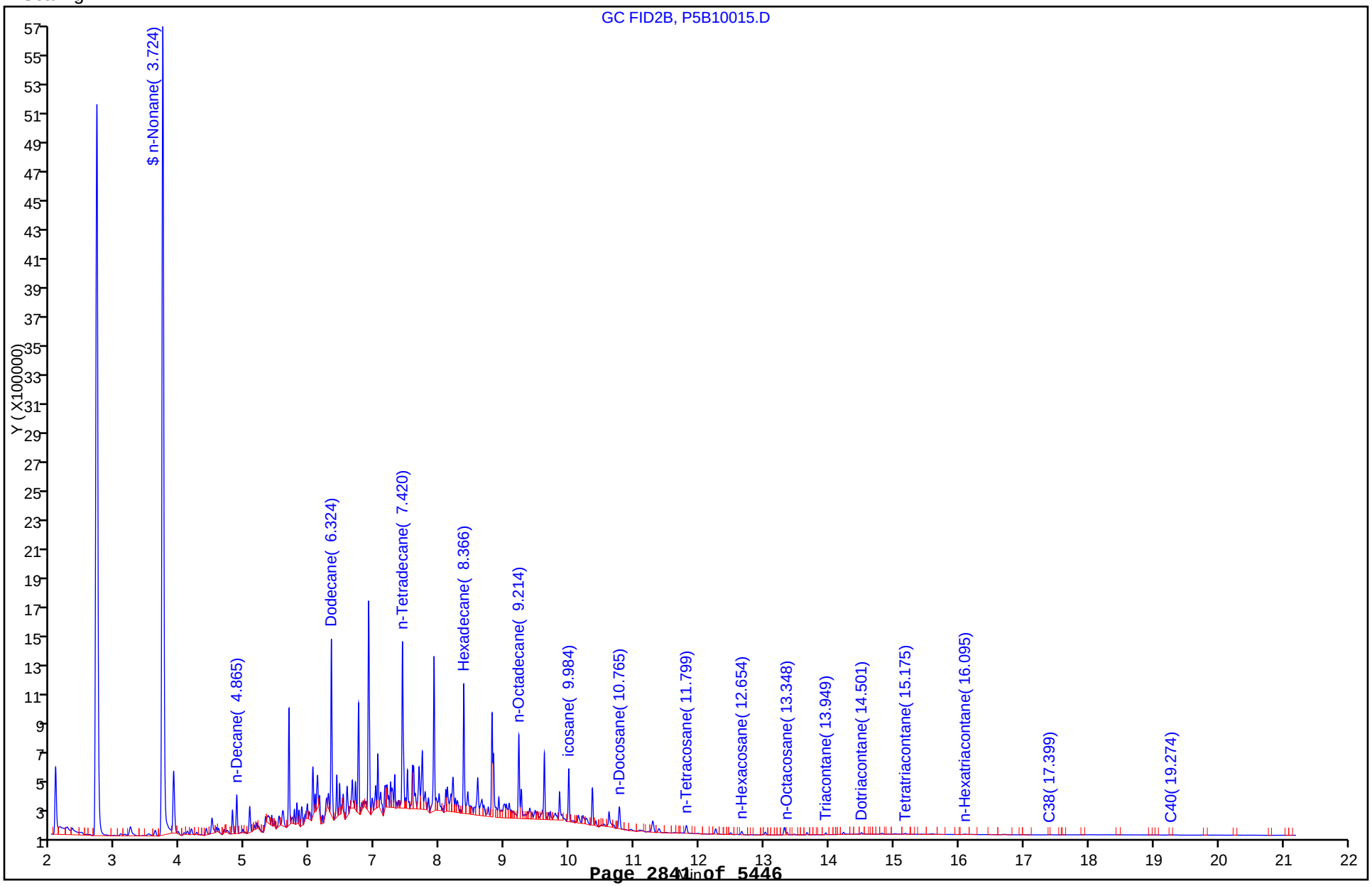
QC Flag Legend

Processing Flags
1 - Missing Peaks

Report Date: 19-Dec-2012 10:48:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP5R\20121218-15973.b\P5B10015.D		
Injection Date:	18-Dec-2012 17:14:30	Limit Group:	GC 8015C TPH ICAL
Client ID:	072SB-0063-0002-SO	Instrument ID:	A2HP5R
Lims Batch ID:	69251	Lims Sample ID:	15
Operator ID:	4275	Injection Vol:	1.0 ul
Column Type:		Column Dia:	
Y Scaling:			



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP5R Start Date: 11/26/2012 14:12

Analysis Batch Number: 66289 End Date: 11/26/2012 23:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-66289/4 IC		11/26/2012 14:12	1	P5B26004.D	
STD2 240-66289/5 IC		11/26/2012 14:42	1	P5B26005.D	
STD3 240-66289/6 ICRT		11/26/2012 15:12	1	P5B26006.D	
STD4 240-66289/7 IC		11/26/2012 15:43	1	P5B26007.D	
STD5 240-66289/8 IC		11/26/2012 16:13	1	P5B26008.D	
ICV 240-66289/9		11/26/2012 16:43	1	P5B26009.D	
ZZZZZ		11/26/2012 18:44	1		
ZZZZZ		11/26/2012 19:14	1		
ZZZZZ		11/26/2012 19:45	1		
CCV 240-66289/16		11/26/2012 20:15	1		
ZZZZZ		11/26/2012 20:45	1		
ZZZZZ		11/26/2012 21:15	1		
ZZZZZ		11/26/2012 21:45	1		
ZZZZZ		11/26/2012 22:16	1		
ZZZZZ		11/26/2012 22:46	1		
CCV 240-66289/22		11/26/2012 23:16	1		

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP5R Start Date: 12/18/2012 14:12

Analysis Batch Number: 69251 End Date: 12/19/2012 12:22

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
MRL 240-69251/9		12/18/2012 14:12	1	P5B10009.D	
CCV 240-69251/10 CCVRT		12/18/2012 14:43	1	P5B10010.D	
MB 240-69020/4-A		12/18/2012 15:13	1	P5B10011.D	
LCS 240-69020/24-A		12/18/2012 15:43	1	P5B10012.D	
240-18544-1	072SB-0063-0001-SO	12/18/2012 16:13	1	P5B10013.D	
240-18544-1 MS	072SB-0063-0001-SO MS	12/18/2012 16:44	1	P5B10014.D	
240-18544-1 MSD	072SB-0063-0001-SO MSD	12/18/2012 17:14	1	P5B10015.D	
240-18544-2	072SB-0064-0001-SO	12/18/2012 17:44	1	P5B10016.D	
240-18544-3	072SB-0065-0001-SO	12/18/2012 18:15	1	P5B10017.D	
240-18544-4	072SB-0066-0001-SO	12/18/2012 18:45	1	P5B10018.D	
ZZZZZ		12/18/2012 19:15	1		
240-18544-6	072SB-0068-0001-SO	12/18/2012 19:45	1	P5B10020.D	
CCV 240-69251/21		12/18/2012 20:16	1	P5B10021.D	
240-18544-18	076SB-0078-0001-SO	12/18/2012 20:46	1	P5B10022.D	
ZZZZZ		12/18/2012 21:17	1		
ZZZZZ		12/18/2012 21:47	1		
ZZZZZ		12/18/2012 22:17	1		
ZZZZZ		12/18/2012 22:48	1		
ZZZZZ		12/18/2012 23:18	1		
ZZZZZ		12/18/2012 23:48	1		
ZZZZZ		12/19/2012 00:19	1		
ZZZZZ		12/19/2012 00:49	1		
ZZZZZ		12/19/2012 01:19	1		
CCV 240-69251/32		12/19/2012 01:49	1	P5B10032.D	
ZZZZZ		12/19/2012 02:20	1		
CCV 240-69251/38		12/19/2012 11:52	1		
MRL 240-69251/39		12/19/2012 12:22	1	P5B10039.D	

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP5R Start Date: 12/19/2012 18:57

Analysis Batch Number: 69475 End Date: 12/20/2012 11:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
MRL 240-69475/4		12/19/2012 18:57	1	P5B10004.D	
CCV 240-69475/5 CCVRT		12/19/2012 19:27	1	P5B10005.D	
240-18544-5	072SB-0067-0001-SO	12/19/2012 19:57	10	P5B10006.D	
ZZZZZ		12/19/2012 20:28	10		
ZZZZZ		12/19/2012 20:58	50		
ZZZZZ		12/19/2012 21:28	50		
ZZZZZ		12/19/2012 21:58	50		
CCV 240-69475/11		12/19/2012 22:29	1	P5B10011.D	
ZZZZZ		12/19/2012 22:59	1		
ZZZZZ		12/19/2012 23:29	1		
ZZZZZ		12/19/2012 23:59	1		
ZZZZZ		12/20/2012 00:29	1		
ZZZZZ		12/20/2012 01:00	1		
ZZZZZ		12/20/2012 01:30	1		
ZZZZZ		12/20/2012 02:00	1		
ZZZZZ		12/20/2012 02:30	1		
ZZZZZ		12/20/2012 03:00	1		
ZZZZZ		12/20/2012 03:31	1		
CCV 240-69475/22		12/20/2012 04:01	1		
ZZZZZ		12/20/2012 04:31	1		
ZZZZZ		12/20/2012 05:02	1		
ZZZZZ		12/20/2012 05:32	1		
ZZZZZ		12/20/2012 06:02	1		
ZZZZZ		12/20/2012 06:32	1		
ZZZZZ		12/20/2012 07:03	1		
ZZZZZ		12/20/2012 07:33	1		
ZZZZZ		12/20/2012 08:03	1		
ZZZZZ		12/20/2012 08:34	1		
ZZZZZ		12/20/2012 09:04	1		
CCV 240-69475/33		12/20/2012 09:34	1		
ZZZZZ		12/20/2012 10:05	1		
ZZZZZ		12/20/2012 10:35	1		
CCV 240-69475/36		12/20/2012 11:06	1		
MRL 240-69475/37		12/20/2012 11:36	1	P5B10037.D	

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 69020 Batch Start Date: 12/17/12 15:55 Batch Analyst: Earle, Steve

Batch Method: 3540C Batch End Date: 12/18/12 07:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXDIESELSPKW 00021	EXTPHSURR 00016		
240-18544-U-1	072SB-0063-0001-SO	3540C, 8015B_DRO/DOD	T	30.16 g	5 mL		1 mL		
240-18544-U-1 MS	072SB-0063-0001-SO	3540C, 8015B_DRO/DOD	T	30.04 g	5 mL	1 mL	1 mL		
240-18544-U-1 MSD	072SB-0063-0001-SO	3540C, 8015B_DRO/DOD	T	29.93 g	5 mL	1 mL	1 mL		
MB 240-69020/4		3540C, 8015B_DRO/DOD		30 g	5 mL		1 mL		
240-18544-H-2	072SB-0064-0001-SO	3540C, 8015B_DRO/DOD	T	30.28 g	5 mL		1 mL		
240-18544-H-3	072SB-0065-0001-SO	3540C, 8015B_DRO/DOD	T	29.93 g	5 mL		1 mL		
240-18544-H-4	072SB-0066-0001-SO	3540C, 8015B_DRO/DOD	T	30.13 g	5 mL		1 mL		
240-18544-H-5	072SB-0067-0001-SO	3540C, 8015B_DRO/DOD	T	30.21 g	5 mL		1 mL		
240-18544-H-6	072SB-0068-0001-SO	3540C, 8015B_DRO/DOD	T	30.19 g	5 mL		1 mL		
240-18544-H-18	076SB-0078-0001-SO	3540C, 8015B_DRO/DOD	T	30.10 g	5 mL		1 mL		
LCS 240-69020/24		3540C, 8015B_DRO/DOD		30 g	5 mL	1 mL	1 mL		

Batch Notes	
Balance ID	b-037
Na2SO4 Lot Number	677232
Prep Solvent Lot #	785981

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 69020 Batch Start Date: 12/17/12 15:55 Batch Analyst: Earle, Steve

Batch Method: 3540C Batch End Date: 12/18/12 07:55

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8081 DOD

Organochlorine Pesticides (GC) by Method 8081A/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
072SB-0065-0001-SO	240-18544-3	87	114	89	103
076SB-0098-0001-SO	240-18544-16	78	78	81	80
076SB-0101M-0001-SO	240-18544-20	71	80	75	72
076SB-0108M-0001-SO	240-18544-27	70 M	66 Q	71	65
076SB-0109M-0001-SO	240-18544-28	73 M	70 M	74	64
076SB-0110M-0001-SO	240-18544-29	90	173 M Q	81	86
076SB-0112M-0001-SO	240-18544-31	80	93	87	71
076SB-0114M-0001-SO	240-18544-33	78	78	89	73
	MB 240-68407/10-A	84	78	85 M	71
	MB 240-69197/10-A	78	77	83	68 M
	LCS 240-68407/9-A	78	81	76	76
	LCS 240-69197/11-A	85	82	79	81
076SB-0098-0001-SO MS	240-18544-16 MS	85	85	81	87
076SB-0098-0001-SO MSD	240-18544-16 MSD	82	81	81	85

	QC LIMITS
TCX = Tetrachloro-m-xylene	70-125
DCB = DCB Decachlorobiphenyl	55-130

Column to be used to flag recovery values

FORM II 8081/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9121408.D

Lab ID: LCS 240-68407/9-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4,4'-DDD	33.3	27.8	83	30-135	
4,4'-DDE	33.3	26.2	79	70-125	
4,4'-DDT	33.3	26.3	79	45-140	
Aldrin	33.3	26.7	80	45-140	
alpha-BHC	33.3	26.8	80	60-125	
alpha-Chlordane	33.3	25.6	77	65-120	
beta-BHC	33.3	24.3	73	60-125	
delta-BHC	33.3	26.8	80	55-130	
Dieldrin	33.3	28.5	85	65-125	
Endosulfan I	33.3	24.2	73	15-135	
Endosulfan II	33.3	23.5	71	35-140	
Endosulfan sulfate	33.3	26.3	79	60-135	
Endrin	33.3	27.5	83	60-135	
Endrin aldehyde	33.3	25.8	77	35-145	
Endrin ketone	33.3	25.3	76	65-135	
gamma-BHC (Lindane)	33.3	24.9	75	60-125	
gamma-Chlordane	33.3	26.0	78	65-125	
Heptachlor	33.3	25.9	78	50-140	
Heptachlor epoxide	33.3	28.4	85	65-130	
Methoxychlor	33.3	26.3	79	55-145	

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P3122026.D

Lab ID: LCS 240-69197/11-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4,4'-DDD	33.3	27.6	83	30-135	
4,4'-DDE	33.3	27.2	82	70-125	
4,4'-DDT	33.3	28.8	86	45-140	
Aldrin	33.3	26.9	81	45-140	
alpha-BHC	33.3	28.4	85	60-125	
alpha-Chlordane	33.3	26.4	79	65-120	
beta-BHC	33.3	26.3	79	60-125	
delta-BHC	33.3	28.4	85	55-130	
Dieldrin	33.3	28.5	85	65-125	
Endosulfan I	33.3	22.3	67	15-135	
Endosulfan II	33.3	23.9	72	35-140	
Endosulfan sulfate	33.3	27.2	82	60-135	
Endrin	33.3	26.5	80	60-135	
Endrin aldehyde	33.3	24.6	74	35-145	
Endrin ketone	33.3	24.3	73	65-135	
gamma-BHC (Lindane)	33.3	27.8	83	60-125	
gamma-Chlordane	33.3	26.5	79	65-125	
Heptachlor	33.3	26.7	80	50-140	
Heptachlor epoxide	33.3	27.3	82	65-130	
Methoxychlor	33.3	25.9	78	55-145	

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9121407.D

Lab ID: MRL 240-68628/7 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
4,4'-DDD	0.00500	0.00568	114	70-130	
4,4'-DDD	0.00500	0.00580	116	70-130	
4,4'-DDE	0.00500	0.00525	105	70-130	
4,4'-DDE	0.00500	0.00536	107	70-130	
4,4'-DDT	0.00500	0.00488 J	98	70-130	
4,4'-DDT	0.00500	0.00479 J	96	70-130	
Aldrin	0.00500	0.00519	104	70-130	
Aldrin	0.00500	0.00535	107	70-130	
alpha-BHC	0.00500	0.00505	101	70-130	
alpha-BHC	0.00500	0.00491 J	98	70-130	
alpha-Chlordane	0.00500	0.00540	108	70-130	
alpha-Chlordane	0.00500	0.00583	117	70-130	
beta-BHC	0.00500	0.00578	116	70-130	
beta-BHC	0.00500	0.00633	127	70-130	
delta-BHC	0.00500	0.00516	103	70-130	
delta-BHC	0.00500	0.00528	106	70-130	
Dieldrin	0.00500	0.00567	113	70-130	
Dieldrin	0.00500	0.00607	121	70-130	
Endosulfan I	0.00500	0.00587	117	70-130	
Endosulfan I	0.00500	0.00629	126	70-130	
Endosulfan II	0.00500	0.00574	115	70-130	
Endosulfan II	0.00500	0.00572	114	70-130	
Endosulfan sulfate	0.00500	0.00572	114	70-130	
Endosulfan sulfate	0.00500	0.00581	116	70-130	
Endrin	0.00500	0.00596	119	70-130	
Endrin	0.00500	0.00591	118	70-130	
Endrin aldehyde	0.00500	0.00576	115	70-130	
Endrin aldehyde	0.00500	0.00599	120	70-130	
Endrin ketone	0.00500	0.00589	118	70-130	
Endrin ketone	0.00500	0.00551	110	70-130	
gamma-BHC (Lindane)	0.00500	0.00533	107	70-130	
gamma-BHC (Lindane)	0.00500	0.00547	109	70-130	
gamma-Chlordane	0.00500	0.00540	108	70-130	
gamma-Chlordane	0.00500	0.00572	114	70-130	
Heptachlor	0.00500	0.00582	116	70-130	
Heptachlor	0.00500	0.00619	124	70-130	
Heptachlor epoxide	0.00500	0.00571	114	70-130	
Heptachlor epoxide	0.00500	0.00600	120	70-130	
Methoxychlor	0.00500	0.00562 J	112	70-130	
Methoxychlor	0.00500	0.00510 J	102	70-130	

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9121420.D

Lab ID: MRL 240-68628/20 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
4,4'-DDD	0.00500	0.00554	111	70-130	
4,4'-DDD	0.00500	0.00524	105	70-130	
4,4'-DDE	0.00500	0.00602	120	70-130	
4,4'-DDE	0.00500	0.00588	118	70-130	
4,4'-DDT	0.00500	0.00486 J	97	70-130	
4,4'-DDT	0.00500	0.00465 J	93	70-130	
Aldrin	0.00500	0.00586	117	70-130	
Aldrin	0.00500	0.00575	115	70-130	
alpha-BHC	0.00500	0.00541	108	70-130	
alpha-BHC	0.00500	0.00513	103	70-130	
alpha-Chlordane	0.00500	0.00555	111	70-130	
alpha-Chlordane	0.00500	0.00544	109	70-130	
beta-BHC	0.00500	0.00586	117	70-130	
beta-BHC	0.00500	0.00620	124	70-130	
delta-BHC	0.00500	0.00544	109	70-130	
delta-BHC	0.00500	0.00540	108	70-130	
Dieldrin	0.00500	0.00561	112	70-130	
Dieldrin	0.00500	0.00552	110	70-130	
Endosulfan I	0.00500	0.00584	117	70-130	
Endosulfan I	0.00500	0.00574	115	70-130	
Endosulfan II	0.00500	0.00544	109	70-130	
Endosulfan II	0.00500	0.00517	103	70-130	
Endosulfan sulfate	0.00500	0.00542	108	70-130	
Endosulfan sulfate	0.00500	0.00491 J	98	70-130	
Endrin	0.00500	0.00599	120	70-130	M
Endrin	0.00500	0.00539	108	70-130	
Endrin aldehyde	0.00500	0.00551	110	70-130	
Endrin aldehyde	0.00500	0.00524	105	70-130	
Endrin ketone	0.00500	0.00551	110	70-130	
Endrin ketone	0.00500	0.00477 J	95	70-130	
gamma-BHC (Lindane)	0.00500	0.00535	107	70-130	
gamma-BHC (Lindane)	0.00500	0.00537	107	70-130	
gamma-Chlordane	0.00500	0.00545	109	70-130	
gamma-Chlordane	0.00500	0.00556	111	70-130	
Heptachlor	0.00500	0.00576	115	70-130	
Heptachlor	0.00500	0.00594	119	70-130	
Heptachlor epoxide	0.00500	0.00576	115	70-130	
Heptachlor epoxide	0.00500	0.00581	116	70-130	
Methoxychlor	0.00500	0.00531 J	106	70-130	
Methoxychlor	0.00500	0.00443 J	89	70-130	

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P3122025.D

Lab ID: MRL 240-69512/25 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
4,4'-DDD	0.00500	0.00394 J	79	70-130	
4,4'-DDD	0.00500	0.00363 J	73	70-130	
4,4'-DDE	0.00500	0.00418 J	84	70-130	
4,4'-DDE	0.00500	0.00366 J	73	70-130	
4,4'-DDT	0.00500	0.00368 J	74	70-130	
4,4'-DDT	0.00500	0.00325 J	65	70-130	^
Aldrin	0.00500	0.00414 J	83	70-130	
Aldrin	0.00500	0.00388 J	78	70-130	
alpha-BHC	0.00500	0.00432 J	86	70-130	
alpha-BHC	0.00500	0.00380 J	76	70-130	
alpha-Chlordane	0.00500	0.00416 J	83	70-130	
alpha-Chlordane	0.00500	0.00389 J	78	70-130	
beta-BHC	0.00500	0.00448 J	90	70-130	
beta-BHC	0.00500	0.00417 J	83	70-130	
delta-BHC	0.00500	0.00398 J	80	70-130	
delta-BHC	0.00500	0.00371 J	74	70-130	
Dieldrin	0.00500	0.00433 J	87	70-130	
Dieldrin	0.00500	0.00380 J	76	70-130	
Endosulfan I	0.00500	0.00419 J	84	70-130	
Endosulfan I	0.00500	0.00384 J	77	70-130	
Endosulfan II	0.00500	0.00433 J	87	70-130	
Endosulfan II	0.00500	0.00386 J	77	70-130	
Endosulfan sulfate	0.00500	0.00434 J	87	70-130	
Endosulfan sulfate	0.00500	0.00398 J	80	70-130	
Endrin	0.00500	0.00414 J	83	70-130	
Endrin	0.00500	0.00379 J	76	70-130	
Endrin aldehyde	0.00500	0.00441 J	88	70-130	
Endrin aldehyde	0.00500	0.00390 J	78	70-130	
Endrin ketone	0.00500	0.00441 J	88	70-130	
Endrin ketone	0.00500	0.00403 J	81	70-130	
gamma-BHC (Lindane)	0.00500	0.00432 J	86	70-130	
gamma-BHC (Lindane)	0.00500	0.00384 J	77	70-130	
gamma-Chlordane	0.00500	0.00405 J	81	70-130	
gamma-Chlordane	0.00500	0.00385 J	77	70-130	
Heptachlor	0.00500	0.00442 J	88	70-130	
Heptachlor	0.00500	0.00404 J	81	70-130	
Heptachlor epoxide	0.00500	0.00443 J	89	70-130	
Heptachlor epoxide	0.00500	0.00394 J	79	70-130	
Methoxychlor	0.00500	0.00403 J	81	70-130	
Methoxychlor	0.00500	0.00339 J	68	70-130	^

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P3122041.D

Lab ID: MRL 240-69512/41 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
4,4'-DDD	0.00500	0.00588	118	70-130	
4,4'-DDD	0.00500	0.00627	125	70-130	
4,4'-DDE	0.00500	0.00559	112	70-130	
4,4'-DDE	0.00500	0.00559	112	70-130	
4,4'-DDT	0.00500	0.00526	105	70-130	
4,4'-DDT	0.00500	0.00531	106	70-130	
Aldrin	0.00500	0.00599	120	70-130	
Aldrin	0.00500	0.00603	121	70-130	
alpha-BHC	0.00500	0.00618	124	70-130	
alpha-BHC	0.00500	0.00611	122	70-130	
alpha-Chlordane	0.00500	0.00602	120	70-130	
alpha-Chlordane	0.00500	0.00616	123	70-130	
beta-BHC	0.00500	0.00641	128	70-130	
beta-BHC	0.00500	0.00641	128	70-130	
delta-BHC	0.00500	0.00604	121	70-130	
delta-BHC	0.00500	0.00611	122	70-130	
Dieldrin	0.00500	0.00592	118	70-130	
Dieldrin	0.00500	0.00604	121	70-130	
Endosulfan I	0.00500	0.00596	119	70-130	
Endosulfan I	0.00500	0.00599	120	70-130	
Endosulfan II	0.00500	0.00604	121	70-130	
Endosulfan II	0.00500	0.00622	124	70-130	
Endosulfan sulfate	0.00500	0.00600	120	70-130	
Endosulfan sulfate	0.00500	0.00581	116	70-130	
Endrin	0.00500	0.00603	121	70-130	
Endrin	0.00500	0.00601	120	70-130	
Endrin aldehyde	0.00500	0.00594	119	70-130	
Endrin aldehyde	0.00500	0.00588	118	70-130	
Endrin ketone	0.00500	0.00593	119	70-130	
Endrin ketone	0.00500	0.00601	120	70-130	
gamma-BHC (Lindane)	0.00500	0.00616	123	70-130	
gamma-BHC (Lindane)	0.00500	0.00623	125	70-130	
gamma-Chlordane	0.00500	0.00587	117	70-130	
gamma-Chlordane	0.00500	0.00618	124	70-130	
Heptachlor	0.00500	0.00621	124	70-130	
Heptachlor	0.00500	0.00594	119	70-130	
Heptachlor epoxide	0.00500	0.00616	123	70-130	
Heptachlor epoxide	0.00500	0.00621	124	70-130	
Methoxychlor	0.00500	0.00559 J	112	70-130	
Methoxychlor	0.00500	0.00568 J	114	70-130	

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P9122219.D

Lab ID: MRL 240-69893/19 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
4,4'-DDD	0.00500	0.00509	102	70-130	M
4,4'-DDD	0.00500	0.00529	106	70-130	
4,4'-DDE	0.00500	0.00499 J	100	70-130	
4,4'-DDE	0.00500	0.00508	102	70-130	
4,4'-DDT	0.00500	0.00491 J	98	70-130	
4,4'-DDT	0.00500	0.00493 J	99	70-130	
Aldrin	0.00500	0.00510	102	70-130	
Aldrin	0.00500	0.00498 J	100	70-130	
alpha-BHC	0.00500	0.00481 J	96	70-130	
alpha-BHC	0.00500	0.00456 J	91	70-130	
alpha-Chlordane	0.00500	0.00516	103	70-130	
alpha-Chlordane	0.00500	0.00533	107	70-130	
beta-BHC	0.00500	0.00527	105	70-130	
beta-BHC	0.00500	0.00553	111	70-130	
delta-BHC	0.00500	0.00464 J	93	70-130	
delta-BHC	0.00500	0.00473 J	95	70-130	
Dieldrin	0.00500	0.00522	104	70-130	
Dieldrin	0.00500	0.00545	109	70-130	
Endosulfan I	0.00500	0.00554	111	70-130	
Endosulfan I	0.00500	0.00581	116	70-130	
Endosulfan II	0.00500	0.00550	110	70-130	M
Endosulfan II	0.00500	0.00529	106	70-130	
Endosulfan sulfate	0.00500	0.00532	106	70-130	
Endosulfan sulfate	0.00500	0.00534	107	70-130	
Endrin	0.00500	0.00548	110	70-130	
Endrin	0.00500	0.00556	111	70-130	
Endrin aldehyde	0.00500	0.00555	111	70-130	
Endrin aldehyde	0.00500	0.00580	116	70-130	
Endrin ketone	0.00500	0.00548	110	70-130	
Endrin ketone	0.00500	0.00556	111	70-130	
gamma-BHC (Lindane)	0.00500	0.00505	101	70-130	
gamma-BHC (Lindane)	0.00500	0.00498 J	100	70-130	
gamma-Chlordane	0.00500	0.00514	103	70-130	
gamma-Chlordane	0.00500	0.00528	106	70-130	
Heptachlor	0.00500	0.00561	112	70-130	
Heptachlor	0.00500	0.00597	119	70-130	
Heptachlor epoxide	0.00500	0.00544	109	70-130	
Heptachlor epoxide	0.00500	0.00557	111	70-130	
Methoxychlor	0.00500	0.00507 J	101	70-130	
Methoxychlor	0.00500	0.00559 J	112	70-130	

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P9122243.D

Lab ID: MRL 240-69893/43 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
4,4'-DDD	0.00500	0.00638	128	70-130	M
4,4'-DDD	0.00500	0.00632	126	70-130	
4,4'-DDE	0.00500	0.00624	125	70-130	
4,4'-DDE	0.00500	0.00634	127	70-130	
4,4'-DDT	0.00500	0.00586	117	70-130	
4,4'-DDT	0.00500	0.00624	125	70-130	
Aldrin	0.00500	0.00651	130	70-130	
Aldrin	0.00500	0.00661	132	70-130	^
alpha-BHC	0.00500	0.00636	127	70-130	
alpha-BHC	0.00500	0.00600	120	70-130	
alpha-Chlordane	0.00500	0.00672	134	70-130	^
alpha-Chlordane	0.00500	0.00687	137	70-130	^
beta-BHC	0.00500	0.00711	142	70-130	^
beta-BHC	0.00500	0.00724	145	70-130	^
delta-BHC	0.00500	0.00641	128	70-130	
delta-BHC	0.00500	0.00642	128	70-130	
Dieldrin	0.00500	0.00635	127	70-130	
Dieldrin	0.00500	0.00657	131	70-130	^
Endosulfan I	0.00500	0.00665	133	70-130	^
Endosulfan I	0.00500	0.00690	138	70-130	^
Endosulfan II	0.00500	0.00643	129	70-130	M
Endosulfan II	0.00500	0.00632	126	70-130	
Endosulfan sulfate	0.00500	0.00662	132	70-130	^
Endosulfan sulfate	0.00500	0.00658	132	70-130	^
Endrin	0.00500	0.00625	125	70-130	
Endrin	0.00500	0.00630	126	70-130	
Endrin aldehyde	0.00500	0.00619	124	70-130	
Endrin aldehyde	0.00500	0.00634	127	70-130	
Endrin ketone	0.00500	0.00632	126	70-130	
Endrin ketone	0.00500	0.00631	126	70-130	
gamma-BHC (Lindane)	0.00500	0.00668	134	70-130	^
gamma-BHC (Lindane)	0.00500	0.00657	131	70-130	^
gamma-Chlordane	0.00500	0.00671	134	70-130	^
gamma-Chlordane	0.00500	0.00674	135	70-130	^
Heptachlor	0.00500	0.00611	122	70-130	
Heptachlor	0.00500	0.00654	131	70-130	^
Heptachlor epoxide	0.00500	0.00683	137	70-130	^
Heptachlor epoxide	0.00500	0.00695	139	70-130	^
Methoxychlor	0.00500	0.00639 J	128	70-130	
Methoxychlor	0.00500	0.00669 J	134	70-130	^

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P3122037.D

Lab ID: 240-18544-16 MS Client ID: 076SB-0098-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4,4'-DDD	33.6	0.67 U	30.8	92	30-135	
4,4'-DDE	33.6	0.47 J	28.8	84	70-125	
4,4'-DDT	33.6	0.67 U	30.6	91	45-140	
Aldrin	33.6	1.3 U	29.5	88	45-140	
alpha-BHC	33.6	1.3 U	31.1	92	60-125	
alpha-Chlordane	33.6	1.3 U	28.7	85	65-120	
beta-BHC	33.6	1.3 U	28.3	84	60-125	
delta-BHC	33.6	1.3 U	30.8	92	55-130	
Dieldrin	33.6	0.67 U	30.5	91	65-125	
Endosulfan I	33.6	0.67 U	23.9	71	15-135	
Endosulfan II	33.6	1.3 U	26.6	79	35-140	
Endosulfan sulfate	33.6	1.3 U	30.8	92	60-135	
Endrin	33.6	0.67 U	29.2	87	60-135	
Endrin aldehyde	33.6	1.3 U	27.6	82	35-145	
Endrin ketone	33.6	0.67 U	26.2	78	65-135	
gamma-BHC (Lindane)	33.6	1.3 U	29.8	89	60-125	
gamma-Chlordane	33.6	0.67 U	28.9	86	65-125	
Heptachlor	33.6	1.3 U	26.6	79	50-140	
Heptachlor epoxide	33.6	1.3 U	30.2	90	65-130	
Methoxychlor	33.6	3.3 U	26.7	79	55-145	

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P3122038.D

Lab ID: 240-18544-16 MSD Client ID: 076SB-0098-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,4'-DDD	33.2	31.1	94	1	30	30-135	
4,4'-DDE	33.2	28.7	85	0	30	70-125	
4,4'-DDT	33.2	32.6	98	6	30	45-140	
Aldrin	33.2	30.6	92	4	30	45-140	
alpha-BHC	33.2	31.1	94	0	30	60-125	
alpha-Chlordane	33.2	28.9	87	1	30	65-120	
beta-BHC	33.2	29.2	88	3	30	60-125	
delta-BHC	33.2	31.2	94	1	30	55-130	
Dieldrin	33.2	31.3	94	3	30	65-125	
Endosulfan I	33.2	24.7	75	3	30	15-135	
Endosulfan II	33.2	26.3	79	1	30	35-140	
Endosulfan sulfate	33.2	30.8	93	0	30	60-135	
Endrin	33.2	29.8	90	2	30	60-135	
Endrin aldehyde	33.2	27.3	82	1	30	35-145	
Endrin ketone	33.2	27.6	83	5	30	65-135	
gamma-BHC (Lindane)	33.2	30.3	91	2	30	60-125	
gamma-Chlordane	33.2	28.7	87	1	30	65-125	
Heptachlor	33.2	28.5	86	7	30	50-140	
Heptachlor epoxide	33.2	29.9	90	1	30	65-130	
Methoxychlor	33.2	29.8	90	11	30	55-145	

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: MB 240-68407/10-A

Matrix: Solid Date Extracted: 12/12/2012 14:20

Lab File ID:(1) P9121417.D Lab File ID:(2) P9121417.D

Date Analyzed:(1) 12/14/2012 08:33 Date Analyzed:(2) 12/14/2012 08:33

Instrument ID:(1) A2HP9 Instrument ID:(2) A2HP9

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-68407/9-A	12/14/2012 04:26	12/14/2012 04:26
072SB-0065-0001-SO	240-18544-3	12/14/2012 08:06	12/14/2012 08:06

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: MB 240-69197/10-A

Matrix: Solid Date Extracted: 12/18/2012 10:19

Lab File ID:(1) P3122035.D Lab File ID:(2) P3122035.D

Date Analyzed:(1) 12/20/2012 18:57 Date Analyzed:(2) 12/20/2012 18:57

Instrument ID:(1) A2HP3 Instrument ID:(2) A2HP3

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-69197/11-A	12/20/2012 15:46	12/20/2012 15:46
076SB-0098-0001-SO	240-18544-16	12/20/2012 16:08	12/20/2012 16:08
076SB-0101M-0001-SO	240-18544-20	12/20/2012 16:28	12/20/2012 16:28
076SB-0108M-0001-SO	240-18544-27	12/20/2012 16:50	12/20/2012 16:50
076SB-0109M-0001-SO	240-18544-28	12/20/2012 17:11	12/20/2012 17:11
076SB-0112M-0001-SO	240-18544-31	12/20/2012 17:52	12/20/2012 17:52
076SB-0114M-0001-SO	240-18544-33	12/20/2012 18:35	12/20/2012 18:35
076SB-0098-0001-SO MS	240-18544-16 MS	12/20/2012 19:39	12/20/2012 19:39
076SB-0098-0001-SO MSD	240-18544-16 MSD	12/20/2012 20:00	12/20/2012 20:00
076SB-0110M-0001-SO	240-18544-29	12/22/2012 21:42	12/22/2012 21:42

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: STD 240-69512/7 Date Analyzed: 12/20/2012 09:05

Instrument ID: A2HP3 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P3122007.D Heated Purge: (Y/N) N

Calibration ID: 12929

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
INITIAL CALIBRATION SURROGATE				3.62	9.28	
UPPER LIMIT				3.65	9.31	
LOWER LIMIT				3.59	9.25	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD 240-69512/7 ICRT		12/20/2012 09:05	P3122007.D	3.62	9.28	
PEM 240-69512/24		12/20/2012 15:04	P3122024.D	3.62		
LCS 240-69197/11-A		12/20/2012 15:46	P3122026.D	3.62	9.28	
240-18544-16	076SB-0098-0001-SO	12/20/2012 16:08	P3122027.D	3.62	9.28	
240-18544-20	076SB-0101M-0001-SO	12/20/2012 16:28	P3122028.D	3.62	9.28	
240-18544-27	076SB-0108M-0001-SO	12/20/2012 16:50	P3122029.D	3.62	9.28	
240-18544-28	076SB-0109M-0001-SO	12/20/2012 17:11	P3122030.D	3.62	9.28	
240-18544-31	076SB-0112M-0001-SO	12/20/2012 17:52	P3122032.D	3.62	9.28	
240-18544-33	076SB-0114M-0001-SO	12/20/2012 18:35	P3122034.D	3.62	9.28	
MB 240-69197/10-A		12/20/2012 18:57	P3122035.D	3.62	9.28	
CCV 240-69512/36		12/20/2012 19:18	P3122036.D	3.62	9.28	
240-18544-16 MS	076SB-0098-0001-SO MS	12/20/2012 19:39	P3122037.D	3.62	9.28	
240-18544-16 MSD	076SB-0098-0001-SO MSD	12/20/2012 20:00	P3122038.D	3.62	9.27	
CCV 240-69512/40		12/20/2012 20:42	P3122040.D	3.62	9.27	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: STD 240-69512/7 Date Analyzed: 12/20/2012 09:05

Instrument ID: A2HP3 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P3122007.D Heated Purge: (Y/N) N

Calibration ID: 12930

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
INITIAL CALIBRATION SURROGATE				4.39	10.39	
UPPER LIMIT				4.42	10.42	
LOWER LIMIT				4.36	10.36	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD 240-69512/7 ICRT		12/20/2012 09:05	P3122007.D	4.39	10.39	
PEM 240-69512/24		12/20/2012 15:04	P3122024.D	4.38		
LCS 240-69197/11-A		12/20/2012 15:46	P3122026.D	4.39	10.39	
240-18544-16	076SB-0098-0001-SO	12/20/2012 16:08	P3122027.D	4.39	10.39	
240-18544-20	076SB-0101M-0001-SO	12/20/2012 16:28	P3122028.D	4.39	10.40	
240-18544-27	076SB-0108M-0001-SO	12/20/2012 16:50	P3122029.D	4.39	10.40	
240-18544-28	076SB-0109M-0001-SO	12/20/2012 17:11	P3122030.D	4.39	10.39	
240-18544-31	076SB-0112M-0001-SO	12/20/2012 17:52	P3122032.D	4.39	10.40	
240-18544-33	076SB-0114M-0001-SO	12/20/2012 18:35	P3122034.D	4.39	10.40	
MB 240-69197/10-A		12/20/2012 18:57	P3122035.D	4.39	10.39	
CCV 240-69512/36		12/20/2012 19:18	P3122036.D	4.39	10.40	
240-18544-16 MS	076SB-0098-0001-SO MS	12/20/2012 19:39	P3122037.D	4.39	10.39	
240-18544-16 MSD	076SB-0098-0001-SO MSD	12/20/2012 20:00	P3122038.D	4.38	10.39	
CCV 240-69512/40		12/20/2012 20:42	P3122040.D	4.38	10.39	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: CCV 240-68628/6 Date Analyzed: 12/14/2012 03:31

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P9121406.D Heated Purge: (Y/N) N

Calibration ID: 12706

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.50	12.80	
UPPER LIMIT				3.53	12.83	
LOWER LIMIT				3.47	12.77	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-68628/6 CCVRT		12/14/2012 03:31	P9121406.D	3.50	12.80	
LCS 240-68407/9-A		12/14/2012 04:26	P9121408.D	3.50	12.80	
240-18544-3	072SB-0065-0001-SO	12/14/2012 08:06	P9121416.D	3.50	12.80	
MB 240-68407/10-A		12/14/2012 08:33	P9121417.D	3.50	12.80	
CCV 240-68628/19		12/14/2012 09:28	P9121419.D	3.50	12.80	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: CCV 240-68628/6 Date Analyzed: 12/14/2012 03:31

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P9121406.D Heated Purge: (Y/N) N

Calibration ID: 12707

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				4.09	14.25	
UPPER LIMIT				4.12	14.28	
LOWER LIMIT				4.06	14.22	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-68628/6 CCVRT		12/14/2012 03:31	P9121406.D	4.09	14.25	
LCS 240-68407/9-A		12/14/2012 04:26	P9121408.D	4.09	14.25	
240-18544-3	072SB-0065-0001-SO	12/14/2012 08:06	P9121416.D	4.09	14.25	
MB 240-68407/10-A		12/14/2012 08:33	P9121417.D	4.09	14.25	
CCV 240-68628/19		12/14/2012 09:28	P9121419.D	4.09	14.25	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: STD 240-69893/7 Date Analyzed: 12/22/2012 14:00

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P9122207.D Heated Purge: (Y/N) N

Calibration ID: 13014

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
INITIAL CALIBRATION SURROGATE				3.50	12.80	
UPPER LIMIT				3.53	12.83	
LOWER LIMIT				3.47	12.77	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD 240-69893/7 ICRT		12/22/2012 14:00	P9122207.D	3.50	12.80	
240-18544-29	076SB-0110M-0001-SO	12/22/2012 21:42	P9122226.D	3.50	12.80	
CCV 240-69893/31		12/22/2012 23:44	P9122231.D	3.50	12.80	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Sample No.: STD 240-69893/7 Date Analyzed: 12/22/2012 14:00

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P9122207.D Heated Purge: (Y/N) N

Calibration ID: 13015

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
INITIAL CALIBRATION SURROGATE				4.09	14.25	
UPPER LIMIT				4.12	14.28	
LOWER LIMIT				4.06	14.22	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STD 240-69893/7 ICRT		12/22/2012 14:00	P9122207.D	4.09	14.25	
240-18544-29	076SB-0110M-0001-SO	12/22/2012 21:42	P9122226.D	4.09	14.25	
CCV 240-69893/31		12/22/2012 23:44	P9122231.D	4.09	14.25	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081/DOD

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0098-0001-SO Lab Sample ID: 240-18544-16

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

Date Analyzed (1): 12/20/2012 16:08 Date Analyzed (2): 12/20/2012 16:08

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDE	1		6.34	6.31	6.37	0.47		54.0
	2		7.11	7.11	7.17	0.82		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0098-0001-SO MS Lab Sample ID: 240-18544-16 MS

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

Date Analyzed (1): 12/20/2012 19:39 Date Analyzed (2): 12/20/2012 19:39

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.27	4.24	4.30	31.1		10.3
	2		4.77	4.74	4.80	34.4		
gamma-BHC (Lindane)	1		4.61	4.58	4.64	29.8		10.4
	2		5.06	5.03	5.09	33.1		
beta-BHC	1		4.84	4.81	4.87	28.3		14.4
	2		5.33	5.30	5.36	32.7		
Heptachlor	1		4.91	4.88	4.94	26.6		7.5
	2		5.64	5.61	5.67	28.7		
delta-BHC	1		5.06	5.03	5.09	30.8		14.0
	2		5.58	5.55	5.61	35.4		
Aldrin	1		5.16	5.13	5.19	29.5		16.3
	2		6.01	5.98	6.04	34.7		
Heptachlor epoxide	1		5.69	5.66	5.72	30.2		12.1
	2		6.53	6.51	6.57	34.1		
gamma-Chlordane	1		5.95	5.92	5.98	28.9		59.7
	2		6.90	6.87	6.93	53.4		
alpha-Chlordane	1		6.06	6.04	6.10	28.7		13.1
	2		6.95	6.92	6.98	32.7		
Endosulfan I	1		6.11	6.09	6.15	23.9		17.7
	2		6.98	6.96	7.02	28.6		
4,4'-DDE	1		6.34	6.31	6.37	28.8		7.9
	2		7.14	7.11	7.17	31.2		
Dieldrin	1		6.45	6.42	6.48	30.5		10.1
	2		7.26	7.24	7.30	27.5		
Endrin	1		6.79	6.77	6.83	29.2		9.9
	2		7.50	7.47	7.53	32.2		
4,4'-DDD	1		6.98	6.96	7.02	30.8		5.8
	2		7.68	7.65	7.71	32.7		
Endosulfan II	1		7.09	7.07	7.13	26.6		5.4
	2		7.78	7.75	7.81	28.1		
4,4'-DDT	1		7.27	7.24	7.30	30.6		5.2
	2		7.98	7.96	8.02	32.2		
Endrin aldehyde	1		7.34	7.31	7.37	27.6		7.9
	2		7.89	7.86	7.92	29.8		
Endosulfan sulfate	1		7.55	7.52	7.58	30.8		4.3
	2		8.17	8.15	8.21	32.2		
Methoxychlor	1		7.98	7.96	8.02	26.7		8.9
	2		8.42	8.40	8.46	29.2		
Endrin ketone	1		8.13	8.11	8.17	26.2		9.1
	2		8.57	8.54	8.60	28.8		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0098-0001-SO MSD Lab Sample ID: 240-18544-16 MSD

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

Date Analyzed (1): 12/20/2012 20:00 Date Analyzed (2): 12/20/2012 20:00

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.26	4.24	4.30	31.1		5.9
	2		4.77	4.74	4.80	33.0		
gamma-BHC (Lindane)	1		4.61	4.58	4.64	30.3		7.2
	2		5.06	5.03	5.09	32.5		
beta-BHC	1		4.84	4.81	4.87	29.2		8.8
	2		5.32	5.30	5.36	31.9		
Heptachlor	1		4.90	4.88	4.94	28.5		2.6
	2		5.63	5.61	5.67	29.3		
delta-BHC	1		5.06	5.03	5.09	31.2		10.2
	2		5.58	5.55	5.61	34.5		
Aldrin	1		5.15	5.13	5.19	30.6		6.1
	2		6.01	5.98	6.04	32.5		
Heptachlor epoxide	1		5.69	5.66	5.72	29.9		7.9
	2		6.53	6.51	6.57	32.3		
gamma-Chlordane	1		5.95	5.92	5.98	28.7		73.1
	2		6.89	6.87	6.93	61.8		
alpha-Chlordane	1		6.06	6.04	6.10	28.9		6.2
	2		6.95	6.92	6.98	30.7		
Endosulfan I	1		6.11	6.09	6.15	24.7		11.2
	2		6.98	6.96	7.02	27.6		
4,4'-DDE	1		6.34	6.31	6.37	28.7		3.6
	2		7.14	7.11	7.17	29.8		
Dieldrin	1		6.45	6.42	6.48	31.3		14.9
	2		7.26	7.24	7.30	26.9		
Endrin	1		6.79	6.77	6.83	29.8		20.6
	2		7.49	7.47	7.53	36.7		
4,4'-DDD	1		6.98	6.96	7.02	31.1		8.2
	2		7.68	7.65	7.71	33.8		
Endosulfan II	1		7.09	7.07	7.13	26.3		8.7
	2		7.77	7.75	7.81	28.7		
4,4'-DDT	1		7.27	7.24	7.30	32.6		8.9
	2		7.98	7.96	8.02	35.6		
Endrin aldehyde	1		7.34	7.31	7.37	27.3		12.2
	2		7.89	7.86	7.92	30.9		
Endosulfan sulfate	1		7.55	7.52	7.58	30.8		5.2
	2		8.17	8.15	8.21	32.5		
Methoxychlor	1		7.98	7.96	8.02	29.8		8.2
	2		8.42	8.40	8.46	32.4		
Endrin ketone	1		8.13	8.11	8.17	27.6		8.3
	2		8.57	8.54	8.60	30.0		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0112M-0001-SO Lab Sample ID: 240-18544-31

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

Date Analyzed (1): 12/20/2012 17:52 Date Analyzed (2): 12/20/2012 17:52

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDT	1		7.26	7.24	7.30	14		0.0
	2		8.00	7.95	8.01	14		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-68407/9-A

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 12/14/2012 04:26 Date Analyzed (2): 12/14/2012 04:26

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.18	4.15	4.21	26.8		1.0
	2		4.92	4.89	4.95	27.1		
gamma-BHC (Lindane)	1		4.56	4.53	4.59	24.9		3.3
	2		5.47	5.44	5.50	25.7		
beta-BHC	1		4.69	4.66	4.72	24.3		5.1
	2		5.65	5.62	5.68	25.6		
delta-BHC	1		4.91	4.88	4.94	26.8		6.4
	2		6.20	6.17	6.23	28.6		
Heptachlor	1		5.19	5.15	5.22	25.9		3.4
	2		6.30	6.26	6.33	25.0		
Aldrin	1		5.64	5.61	5.67	26.7		1.8
	2		7.02	6.99	7.05	27.1		
Heptachlor epoxide	1		6.87	6.84	6.90	28.4		3.1
	2		8.50	8.47	8.53	27.6		
gamma-Chlordane	1		7.17	7.14	7.20	26.0		0.7
	2		8.93	8.90	8.96	25.8		
alpha-Chlordane	1		7.52	7.49	7.55	25.6		3.9
	2		9.24	9.21	9.27	26.6		
Endosulfan I	1		7.80	7.77	7.83	24.2		1.9
	2		9.30	9.27	9.33	23.7		
4,4'-DDE	1		7.90	7.87	7.93	26.2		4.3
	2		9.70	9.67	9.73	27.3		
Dieldrin	1		8.37	8.34	8.40	28.5		1.3
	2		9.84	9.81	9.87	28.1		
Endrin	1		8.82	8.79	8.85	27.5		5.5
	2		10.36	10.33	10.39	26.0		
4,4'-DDD	1		9.19	9.16	9.22	27.8		6.9
	2		10.73	10.70	10.76	25.9		
Endosulfan II	1		9.27	9.25	9.31	23.5		8.5
	2		10.73	10.70	10.76	25.6		
4,4'-DDT	1		9.71	9.68	9.74	26.3		3.3
	2		11.22	11.19	11.25	25.5		
Endrin aldehyde	1		10.07	10.04	10.10	25.8		7.1
	2		11.30	11.27	11.33	24.0		
Methoxychlor	1		10.66	10.63	10.69	26.3		11.4
	2		12.29	12.26	12.32	23.5		
Endosulfan sulfate	1		10.79	10.76	10.82	26.3		2.3
	2		11.74	11.71	11.77	26.9		
Endrin ketone	1		11.19	11.16	11.22	25.3		4.9
	2		12.47	12.45	12.51	24.1		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69197/11-A

Instrument ID (1): A2HP3 Instrument ID (2): A2HP3

Date Analyzed (1): 12/20/2012 15:46 Date Analyzed (2): 12/20/2012 15:46

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.27	4.24	4.30	28.4		1.9
	2		4.77	4.74	4.80	29.0		
gamma-BHC (Lindane)	1		4.61	4.58	4.64	27.8		0.5
	2		5.06	5.03	5.09	28.0		
beta-BHC	1		4.84	4.81	4.87	26.3		2.6
	2		5.33	5.29	5.35	26.9		
Heptachlor	1		4.91	4.88	4.94	26.7		1.6
	2		5.64	5.61	5.67	27.2		
delta-BHC	1		5.06	5.03	5.09	28.4		4.7
	2		5.58	5.55	5.61	29.8		
Aldrin	1		5.16	5.13	5.19	26.9		5.2
	2		6.01	5.98	6.04	28.3		
Heptachlor epoxide	1		5.69	5.66	5.72	27.3		2.9
	2		6.54	6.50	6.56	28.1		
gamma-Chlordane	1		5.95	5.92	5.98	26.5		7.7
	2		6.90	6.87	6.93	28.6		
alpha-Chlordane	1		6.07	6.04	6.10	26.4		5.7
	2		6.95	6.92	6.98	27.9		
Endosulfan I	1		6.12	6.08	6.14	22.3		7.5
	2		6.98	6.95	7.01	24.1		
4,4'-DDE	1		6.34	6.31	6.37	27.2		2.2
	2		7.14	7.11	7.17	27.8		
Dieldrin	1		6.45	6.42	6.48	28.5		0.6
	2		7.26	7.23	7.29	28.3		
Endrin	1		6.79	6.76	6.82	26.5		6.5
	2		7.50	7.47	7.53	28.3		
4,4'-DDD	1		6.98	6.95	7.01	27.6		1.5
	2		7.68	7.65	7.71	27.1		
Endosulfan II	1		7.09	7.06	7.12	23.9		1.3
	2		7.78	7.75	7.81	24.3		
4,4'-DDT	1		7.27	7.24	7.30	28.8		2.5
	2		7.99	7.95	8.01	29.5		
Endrin aldehyde	1		7.34	7.31	7.37	24.6		5.0
	2		7.89	7.86	7.92	25.9		
Endosulfan sulfate	1		7.55	7.52	7.58	27.2		2.9
	2		8.17	8.14	8.20	28.0		
Methoxychlor	1		7.98	7.96	8.02	25.9		8.3
	2		8.43	8.39	8.45	28.1		
Endrin ketone	1		8.13	8.10	8.16	24.3		4.6
	2		8.57	8.54	8.60	25.5		