TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-18703-1

Job Description: RVAAP - ECC

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CASE NARRATIVE

Client: Environmental Chemical Corp.

Project: RVAAP - ECC

Report Number: 240-18703-1

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.

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.

TestAmerica utilizes USEPA approved methods and DOD QSM, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

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 applicable 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.

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.

All parameters for which TestAmerica North Canton has certification were evaluated to the limit of detection (LOD) and include qualified results where applicable. Parameters not certified under QSM, if any, were evaluated to the detection limit (DL) and include qualified results where applicable.

The sample(s) that contain constituents flagged with U are undetected. The result associated with this flag is the limit of detection (LOD).

RECEIPT

The samples were received on 12/11/2012 6:02 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 6 coolers at receipt time were 0.2º C, 0.6º C, 0.8º C, 0.9º C, 1.3º C and 1.4º C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 072SB-0092-0001-SO (240-18703-1), 072SB-0082-0001-SO (240-18703-8), 072SB-0083-0001-SO (240-18703-9), 072SB-0084-0001-SO (240-18703-10), 072SB-0085-0001-SO (240-18703-11), 072SB-0086-0001-SO (240-18703-12), 072SB-0087-0001-SO (240-18703-13), 072SB-0088-0001-SO (240-18703-14), 072SB-0089-0001-SO (240-18703-15), 072SB-0090-0001-SO (240-18703-16), 072SB-0091-0001-SO (240-18703-17), 072SB-0075-0001-SO (240-18703-18), 072SB-0076-0001-SO (240-18703-19), 072SB-0077-0001-SO (240-18703-20), 072SB-0079-0001-SO (240-18703-21), 072SB-0080-0001-SO (240-18703-22) and 072SB-0081-0001-SO (240-18703-23) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B DoD. The samples were prepared on 12/11/2012 and analyzed on 12/17/2012 and 12/18/2012.

2-Hexanone, 4-Methyl-2-pentanone (MIBK) and Methylene Chloride were detected in method blank MB 240-68905/7 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. Refer to the QC report for details.

Methylene Chloride failed the recovery criteria high for MRL 240-68905/33. 2-Hexanone failed the recovery criteria low for MRL 240-68905/5. Refer to the QC report for details.

4-Bromofluorobenzene (Surr) failed the surrogate recovery criteria low for 072SB-0084-0001-SO (240-18703-10). Refer to the QC report for details.

The frozen preserved vials for samples 072SB-0085-0001-SO (240-18703-11) did not have the tare weight. The average tare weight of

other vials in the job was useed to determine weights for these samples.

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 sample was outside control limits: 072SB-0084-0001-SO (240-18703-10). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) analyses for batch 69093.

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 076SB-0137-0001-TB (240-18703-2), 076SB-0138-0001-TB (240-18703-3), 076SB-0139-0001-TB (240-18703-4), 076-0140-0001-ER (240-18703-24), 076-0141-0001-TB (240-18703-25) and 076-0142-0001-TB (240-18703-26) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B DoD. The samples were analyzed on 12/20/2012.

Methylene Chloride failed the recovery criteria low for MRL 240-69591/18. Bromoform failed the recovery criteria low for MRL 240-69591/5. 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.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 072SB-0092-0001-SO (240-18703-1), 072SB-0082-0001-SO (240-18703-8), 072SB-0083-0001-SO (240-18703-9), 072SB-0084-0001-SO (240-18703-10), 072SB-0085-0001-SO (240-18703-11), 072SB-0086-0001-SO (240-18703-12), 072SB-0087-0001-SO (240-18703-13), 072SB-0088-0001-SO (240-18703-14), 072SB-0089-0001-SO (240-18703-15), 072SB-0090-0001-SO (240-18703-16), 072SB-0091-0001-SO (240-18703-17), 072SB-0075-0001-SO (240-18703-18), 072SB-0076-0001-SO (240-18703-19), 072SB-0077-0001-SO (240-18703-20), 072SB-0079-0001-SO (240-18703-21), 072SB-0080-0001-SO (240-18703-22) and 072SB-0081-0001-SO (240-18703-23) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 12/20/2012 and 12/24/2012 and analyzed on 12/24/2012 and 12/31/2012.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 240-69993/23-A 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.

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

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 076-0140-0001-ER (240-18703-24) was analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 12/13/2012 and analyzed on 12/17/2012.

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

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 68547.

The continuing calibration verification (CCV) for 4-Nitrophenol associated with batch 68692 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8270C/DoD: The MRL closer for batch 68692 associated with sample(s) 076-0140-0001-ER (240-18703-24) recovered 4-Nitrophenol above the upper limit. However, since all associated samples were ND for 4-Nitrophenol no corrective action was necessary.

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

GASOLINE RANGE ORGANICS (GRO)

Samples 072SB-0092-0001-SO (240-18703-1), 072SB-0082-0001-SO (240-18703-8), 072SB-0083-0001-SO (240-18703-9), 072SB-0084-0001-SO (240-18703-10), 072SB-0085-0001-SO (240-18703-11), 072SB-0086-0001-SO (240-18703-12), 072SB-0087-0001-SO (240-18703-13), 072SB-0088-0001-SO (240-18703-14), 072SB-0089-0001-SO (240-18703-15), 072SB-0090-0001-SO (240-18703-16), 072SB-0091-0001-SO (240-18703-17), 072SB-0075-0001-SO (240-18703-18), 072SB-0076-0001-SO (240-18703-19), 072SB-0077-0001-SO (240-18703-20), 072SB-0079-0001-SO (240-18703-21),

072SB-0080-0001-SO (240-18703-22) and 072SB-0081-0001-SO (240-18703-23) were analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B - GRO. The samples were prepared on 12/11/2012 and 12/21/2012 and analyzed on 01/03/2013, 12/22/2012, 12/23/2012 and 12/24/2012.

Trifluorotoluene (Surr) failed the surrogate recovery criteria high for 072SB-0077-0001-SO (240-18703-20). Trifluorotoluene (Surr) failed the surrogate recovery criteria high for 072SB-0080-0001-SO (240-18703-22). Refer to the QC report for details.

Trifluorotoluene (Surr) failed the surrogate recovery criteria low for MRL 240-69965/15 and MRL 240-70834/33. Refer to the QC report for details.

C6-C12 failed the recovery criteria high for MRL 240-69965/5 and MRL 240-70834/28. Refer to the QC report for details.

Sample 072SB-0082-0001-SO (240-18703-8)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

GASOLINE RANGE ORGANICS (GRO)

Samples 076SB-0143-0001-TB (240-18703-5), 076SB-0144-0001-TB (240-18703-6), 076SB-0145-0001-TB (240-18703-7), 076-0140-0001-ER (240-18703-24), 076-0141-0001-TB (240-18703-25) and 076-0142-0001-TB (240-18703-26) were analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B - GRO. The samples were analyzed on 12/22/2012.

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

NITROGUANIDINE (HPLC)

Sample 076-0140-0001-ER (240-18703-24) was analyzed for nitroguanidine (HPLC) in accordance with EPA SW-846 Method 8330_Ngu. The samples were prepared on 12/24/2012 and analyzed on 12/27/2012.

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

DIESEL RANGE ORGANICS (DRO)

Samples 072SB-0092-0001-SO (240-18703-1), 072SB-0082-0001-SO (240-18703-8), 072SB-0083-0001-SO (240-18703-9), 072SB-0084-0001-SO (240-18703-10), 072SB-0085-0001-SO (240-18703-11), 072SB-0086-0001-SO (240-18703-12), 072SB-0087-0001-SO (240-18703-13), 072SB-0088-0001-SO (240-18703-14), 072SB-0089-0001-SO (240-18703-15), 072SB-0090-0001-SO (240-18703-16), 072SB-0091-0001-SO (240-18703-17), 072SB-0075-0001-SO (240-18703-18), 072SB-0076-0001-SO (240-18703-19), 072SB-0077-0001-SO (240-18703-20), 072SB-0079-0001-SO (240-18703-21), 072SB-0080-0001-SO (240-18703-22) and 072SB-0081-0001-SO (240-18703-23) were analyzed for diesel range organics (DRO) in accordance with EPA SW-846 Method 8015B - DRO DoD. The samples were prepared on 12/20/2012, 12/21/2012 and 12/24/2012 and analyzed on 12/24/2012, 12/25/2012 and 12/27/2012.

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.

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

DIESEL RANGE ORGANICS (DRO)

Sample 076-0140-0001-ER (240-18703-24) was analyzed for diesel range organics (DRO) in accordance with EPA SW-846 Method 8015B - DRO DoD. The samples were prepared on 12/13/2012 and analyzed on 12/17/2012.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 68549.

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

CHLORINATED PESTICIDES

Samples 072SB-0082-0001-SO (240-18703-8) and 072SB-0075-0001-SO (240-18703-18) were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A DoD. The samples were prepared on 12/20/2012 and analyzed on 12/22/2012.

Sample 072SB-0082-0001-SO (240-18703-8)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Endrin Ketone in the laboratory control sample (LCS) for batch 69152 was reported from the confirmation column.

The following samples were diluted due to the nature of the sample matrix: 072SB-0082-0001-SO (240-18703-8). 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 CCV072SB-0075-0001-SO (240-18703-18), 072SB-0082-0001-SO (240-18703-8) 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 072SB-0075-0001-SO (240-18703-18), 072SB-0082-0001-SO (240-18703-8) 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 076-0140-0001-ER (240-18703-24) was analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A DoD. The samples were prepared on 12/13/2012 and analyzed on 12/18/2012.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 68554.

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

POLYCHLORINATED BIPHENYLS (PCBS)
Samples 072SB-0082-0001-SO (240-18703-8) and 072SB-0075-0001-SO (240-18703-18) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082 DOD. The samples were prepared on 12/20/2012 and analyzed on 12/24/2012.

DCB Decachlorobiphenyl failed the surrogate recovery criteria high for 072SB-0082-0001-SO (240-18703-8). Refer to the QC report for details.

Surrogate recovery for the following sample(s) was outside the upper control limit: 072SB-0082-0001-SO (240-18703-8). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

POLYCHLORINATED BIPHENYLS (PCBS)
Sample 076-0140-0001-ER (240-18703-24) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082 DOD. The samples were prepared on 12/13/2012 and analyzed on 12/18/2012.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 68553.

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

CHLORINATED HERBICIDES
Samples 072SB-0075-0001-SO (240-18703-18), 072SB-0076-0001-SO (240-18703-19), 072SB-0077-0001-SO (240-18703-20), 072SB-0079-0001-SO (240-18703-21), 072SB-0080-0001-SO (240-18703-22) and 072SB-0081-0001-SO (240-18703-23) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A DoD. The samples were prepared on 12/18/2012 and analyzed on 12/22/2012.

The continuing calibration verification (CCV) for MCPA associated with batch 69890 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. 072SB-0079-0001-SO (240-18703-21), 072SB-0080-0001-SO (240-18703-22), 072SB-0081-0001-SO (240-18703-23)

The opening MRL recovered low for MCPP and MCPA. It is believed to be a result of the Ical being on a quadratic curve. Because the samples are ND, corrective action is not taken.

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

CHLORINATED HERBICIDES
Sample 076-0140-0001-ER (240-18703-24) was analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A DoD. The samples were prepared on 12/13/2012 and analyzed on 12/17/2012.

The closing continuing calibration verification (CCV) for MCPA and MCPP associated with batch 68956 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. 076-0140-0001-ER (240-18703-24)

The opening and closing MRLs fail for MCPA and MCPP. This is believed to be a result of the compounds being on a quadratic fit. No corrective action was performed. 076-0140-0001-ER (240-18703-24)

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

NITROGUANIDINE (HPLC)
Samples 072SB-0082-0001-SO (240-18703-8) and 072SB-0075-0001-SO (240-18703-18) 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 12/27/2012.

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

EXPLOSIVES
Samples 072SB-0082-0001-SO (240-18703-8) and 072SB-0075-0001-SO (240-18703-18) 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.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 7404

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 7620 exceeded control criteria for Nitrobenzene,Tetryl, o-Nitrotoluene, p-Nitrotoluene, m-Nitrotoluene, 3,5-Dinitroaniline, 2,4,6-Trinitrotoluene, RDX, HMX, 4-Amino-2,6-Dinitrotoluene, 2-Amino-4,6-Dinitrotoluene, PETN, 2,4-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

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

NITROAROMATICS AND NITRAMINES (HPLC)

Sample 076-0140-0001-ER (240-18703-24) was analyzed for Nitroaromatics and Nitramines (HPLC) in accordance with EPA SW-846 Method 8330B. The samples were prepared on 12/14/2012 and analyzed on 12/21/2012.

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

TOTAL METALS (ICPMS)

Samples 072SB-0092-0001-SO (240-18703-1), 072SB-0082-0001-SO (240-18703-8), 072SB-0083-0001-SO (240-18703-9), 072SB-0084-0001-SO (240-18703-10), 072SB-0085-0001-SO (240-18703-11), 072SB-0086-0001-SO (240-18703-12), 072SB-0087-0001-SO (240-18703-13), 072SB-0088-0001-SO (240-18703-14), 072SB-0089-0001-SO (240-18703-15), 072SB-0090-0001-SO (240-18703-16), 072SB-0091-0001-SO (240-18703-17), 072SB-0075-0001-SO (240-18703-18), 072SB-0076-0001-SO (240-18703-19), 072SB-0077-0001-SO (240-18703-20), 072SB-0079-0001-SO (240-18703-21), 072SB-0080-0001-SO (240-18703-22) and 072SB-0081-0001-SO (240-18703-23) were analyzed for total metals (ICPMS) in accordance with EPA SW-846 Method 6020 DoD. The samples were prepared on 12/17/2012 and 12/27/2012 and analyzed on 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.

Several analytes were detected in method blank 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.

Barium, Calcium and Iron were detected in method blank MB 180-59442/1-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.

Iron failed the recovery criteria low for the MS of sample 072SB-0083-0001-SOMS (240-18703-9) in batch 180-59733. Aluminum, Lead, Aluminum and Iron failed the recovery criteria high.

Iron failed the recovery criteria low for the MSD of sample 072SB-0083-0001-SOMSD (240-18703-9) in batch 180-59733. Several analytes failed the recovery criteria high.

The interference check standard solution (ICSA) associated with batches 59183 and 59442 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 59442 were outside control limits for calcium and antimony.: 072SB-0083-0001-SO (240-18703-9). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Due to the high concentration of several anaytes, the matrix spike (MS) for batch 59442 could not be evaluated for accuracy. The associated laboratory control sample (LCS) met acceptance criteria.

The serial dilution performed for the following sample associated with 59442 was outside control limits for several analytes.: 072SB-0083-0001-SO (240-18703-9)

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

TOTAL RECOVERABLE METALS (ICPMS)

Sample 076-0140-0001-ER (240-18703-24) was analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method

6020 DoD. The samples were prepared on 12/24/2012 and analyzed on 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 was detected in method blank MB 180-59308/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Iron was detected in method blank MB 180-59308/1-A 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.

The interference check standard solution (ICSA) associated with batch 59308 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.

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

TOTAL MERCURY - DOD

Sample 076-0140-0001-ER (240-18703-24) was analyzed for Total Mercury - DOD in accordance with EPA SW-846 Method 7470A. The samples were prepared on 12/27/2012 and analyzed on 12/29/2012.

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

MERCURY

Samples 072SB-0092-0001-SO (240-18703-1), 072SB-0082-0001-SO (240-18703-8), 072SB-0083-0001-SO (240-18703-9), 072SB-0084-0001-SO (240-18703-10), 072SB-0085-0001-SO (240-18703-11), 072SB-0086-0001-SO (240-18703-12), 072SB-0087-0001-SO (240-18703-13), 072SB-0088-0001-SO (240-18703-14), 072SB-0089-0001-SO (240-18703-15), 072SB-0090-0001-SO (240-18703-16), 072SB-0091-0001-SO (240-18703-17), 072SB-0075-0001-SO (240-18703-18), 072SB-0076-0001-SO (240-18703-19), 072SB-0077-0001-SO (240-18703-20), 072SB-0079-0001-SO (240-18703-21), 072SB-0080-0001-SO (240-18703-22) and 072SB-0081-0001-SO (240-18703-23) were analyzed for mercury in accordance with EPA SW-846 Method 7471A DOD. The samples were prepared on 12/17/2012 and 12/27/2012 and analyzed on 12/18/2012 and 12/28/2012.

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

NITROCELLULOSE

Samples 072SB-0082-0001-SO (240-18703-8) and 072SB-0075-0001-SO (240-18703-18) 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 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.

All samples: (CCB 320-7756/22), (CCB 320-7756/36), (CCB 320-7756/49), (CCV 320-7756/21), (CCV 320-7756/35), (CCV 320-7756/48), (CEC 320-7756/11), (CECD 320-7756/12), (ICB 320-7756/9), (ICV 320-7756/8), (LCS 320-7571/2-B), (MB 320-7571/1-B), (MRL 320-7756/10), (MRL 320-7756/20), (MRL 320-7756/34), (MRL 320-7756/47), 072SB-0075-0001-SO (240-18703-18), 072SB-0082-0001-SO (240-18703-8), in batch 7756, were extracted at a reduced sample volume due to the historical nature of the matrix from this sampling site. Reporting limits have been adjusted accordingly.

All samples: 072SB-0075-0001-SO (240-18703-18), 072SB-0082-0001-SO (240-18703-8), in batch 8137, were extracted at a reduced sample volume due to the historical nature of the matrix from this sampling site. Reporting limits have been adjusted accordingly.

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

NITROCELLULOSE

Sample 076-0140-0001-ER (240-18703-24) was analyzed for Nitrocellulose in accordance with EPA Method 353.2. The samples were prepared and analyzed on 12/27/2012.

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

PERCENT SOLIDS

Samples 072SB-0092-0001-SO (240-18703-1), 072SB-0082-0001-SO (240-18703-8), 072SB-0083-0001-SO (240-18703-9), 072SB-0084-0001-SO (240-18703-10), 072SB-0085-0001-SO (240-18703-11), 072SB-0086-0001-SO (240-18703-12), 072SB-0087-0001-SO (240-18703-13), 072SB-0088-0001-SO (240-18703-14), 072SB-0089-0001-SO (240-18703-15), 072SB-0090-0001-SO (240-18703-16), 072SB-0091-0001-SO (240-18703-17), 072SB-0075-0001-SO (240-18703-18), 072SB-0076-0001-SO (240-18703-19), 072SB-0077-0001-SO (240-18703-20), 072SB-0079-0001-SO (240-18703-21), 072SB-0080-0001-SO (240-18703-22) and 072SB-0081-0001-SO (240-18703-23) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 12/13/2012.

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

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 64102

Lab Sample ID: STD5 240-64102/2 IC Client Sample ID:

Date Analyzed: 11/07/12 11:44 Lab File ID: 21107002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.51	Poor Chromatography	gruberj	11/07/12 14:47

Lab Sample ID: STD3 240-64102/4 IC Client Sample ID:

Date Analyzed: 11/07/12 12:31 Lab File ID: 21107004.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.51	Poor Chromatography	gruberj	11/07/12 14:47
Pyridine	3.02	Poor Chromatography	gruberj	11/07/12 14:49

Lab Sample ID: STD2 240-64102/5 IC Client Sample ID:

Date Analyzed: 11/07/12 12:54 Lab File ID: 21107005.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.51	Poor Chromatography	gruberj	11/07/12 14:50
N-Nitrosodimethylamine	2.97	Poor Chromatography	gruberj	11/07/12 14:50
Pyridine	3.03	Poor Chromatography	gruberj	11/07/12 14:50
Ethyl methacrylate	3.63	Poor Chromatography	gruberj	11/07/12 14:50
Malononitrile	4.34	Poor Chromatography	gruberj	11/07/12 14:50

Lab Sample ID: STD1 240-64102/6 IC Client Sample ID:

Date Analyzed: 11/07/12 13:18 Lab File ID: 21107006.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.02	Poor Chromatography	gruberj	11/07/12 14:51
Dibenz(a,h)anthracene	16.05	Poor Chromatography	gruberj	11/07/12 14:51
Benzo[g,h,i]perylene	16.45	Poor Chromatography	gruberj	11/07/12 14:51

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 64102

Lab Sample ID: STD6 240-64102/10 ICIS Client Sample ID:

Date Analyzed: 11/07/12 14:51 Lab File ID: 21107010.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.50	Poor Chromatography	gruberj	11/07/12 15:23

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 70697

Lab Sample ID: CCV 240-70697/2 Client Sample ID:

Date Analyzed: 12/31/12 09:35 Lab File ID: 21231002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.25	Poor Chromatography	gruberj	12/31/12 09:52

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 69988

Lab Sample ID: CCV 240-69988/2 Client Sample ID:

Date Analyzed: 12/24/12 10:28 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	2.64	Poor Chromatography	ulmanm	12/24/12 11:05
N-Nitrosodimethylamine	3.12	Poor Chromatography	ulmanm	12/24/12 11:05
Pyridine	3.17	Poor Chromatography	ulmanm	12/24/12 11:05

Lab Sample ID: LCS 240-69569/24-A Client Sample ID:

Date Analyzed: 12/24/12 11:45 Lab File ID: 21224005.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pentachlorophenol	9.68	Poor Chromatography	ulmanm	12/24/12 14:02

Lab Sample ID: 240-18703-8 Client Sample ID: 072SB-0082-0001-SO

Date Analyzed: 12/24/12 14:15 Lab File ID: 21224011.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.24	Poor Chromatography	ulmanm	12/25/12 11:57
Benzo[g,h,i]perylene	16.70	Poor Chromatography	ulmanm	12/25/12 11:57

Lab Sample ID: 240-18703-10 Client Sample ID: 072SB-0084-0001-SO

Date Analyzed: 12/24/12 15:04 Lab File ID: 21224013.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chrysene	12.47	Poor Chromatography	ulmanm	12/25/12 11:59

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 69988

Lab Sample ID: 240-18703-13 Client Sample ID: 072SB-0087-0001-SO

Date Analyzed: 12/24/12 16:19 Lab File ID: 21224016.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	13.95	Poor Chromatography	ulmanm	12/25/12 12:03

Lab Sample ID: 240-18703-19 Client Sample ID: 072SB-0076-0001-SO

Date Analyzed: 12/24/12 18:24 Lab File ID: 21224021.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	13.96	Poor Chromatography	ulmanm	12/25/12 12:09
Benzo[k]fluoranthene	14.00	Poor Chromatography	ulmanm	12/25/12 12:09

Lab Sample ID: 240-18703-20 Client Sample ID: 072SB-0077-0001-SO

Date Analyzed: 12/24/12 18:49 Lab File ID: 21224022.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chrysene	12.47	Poor Chromatography	ulmanm	12/25/12 12:15
Benzo[k]fluoranthene	13.99	Poor Chromatography	ulmanm	12/25/12 12:15
Indeno[1,2,3-cd]pyrene	16.23	Poor Chromatography	ulmanm	12/25/12 12:15
Benzo[g,h,i]perylene	16.70	Poor Chromatography	ulmanm	12/25/12 12:15

Lab Sample ID: 240-18703-21 Client Sample ID: 072SB-0079-0001-SO

Date Analyzed: 12/24/12 19:14 Lab File ID: 21224023.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.25	Poor Chromatography	ulmanm	12/25/12 12:28
Benzo[g,h,i]perylene	16.70	Poor Chromatography	ulmanm	12/25/12 12:28

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 69988

Lab Sample ID: 240-18703-22 Client Sample ID: 072SB-0080-0001-SO

Date Analyzed: 12/24/12 19:39 Lab File ID: 21224024.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	13.96	Poor Chromatography	ulmanm	12/25/12 12:30

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 12/24/12 20:29 Lab File ID: 21224026.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.24	Poor Chromatography	ulmanm	12/25/12 12:37
Dibenz(a,h)anthracene	16.27	Poor Chromatography	ulmanm	12/25/12 12:37
Benzo[g,h,i]perylene	16.71	Poor Chromatography	ulmanm	12/25/12 12:37

Lab Sample ID: mdll2 LODV Client Sample ID:

Date Analyzed: 12/24/12 20:53 Lab File ID: 21224027.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.65	Poor Chromatography	ulmanm	12/25/12 12:51
N-Nitrosodimethylamine	3.14	Poor Chromatography	ulmanm	12/25/12 12:51
Pyridine	3.21	Poor Chromatography	ulmanm	12/25/12 12:51

Lab Sample ID: mdll3 LODV Client Sample ID:

Date Analyzed: 12/24/12 21:18 Lab File ID: 21224028.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	12/25/12 12:56

GASOLINE RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: YPID Analysis Batch Number: 69738

Lab Sample ID: 240-18703-24 MSD Client Sample ID: 076-0140-0001-ER MSD

Date Analyzed: 12/22/12 13:10 Lab File ID: YF122143.D GC Column: RTX-VRX ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trifluorotoluene (Surr)	9.76	Baseline Event	bosworthh	12/24/12 06:46

Lab Sample ID: CCV 240-69738/50 Client Sample ID:

Date Analyzed: 12/22/12 17:35 Lab File ID: YF122150.D GC Column: RTX-VRX ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trifluorotoluene (Surr)	9.76	Baseline Event	bosworthh	12/24/12 06:47

Lab Sample ID: 240-18703-21 Client Sample ID: 072SB-0079-0001-SO

Date Analyzed: 12/23/12 05:02 Lab File ID: YF122168.D GC Column: RTX-VRX ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trifluorotoluene (Surr)	9.76	Baseline Event	bosworthh	12/24/12 06:50

Lab Sample ID: CCV 240-69738/71 Client Sample ID:

Date Analyzed: 12/23/12 06:55 Lab File ID: YF122171.D GC Column: RTX-VRX ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trifluorotoluene (Surr)	9.76	Baseline Event	bosworthh	12/24/12 06:51

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 69152

Lab Sample ID: PEM 240-69152/4 Client Sample ID:

Date Analyzed: 12/18/12 10:00 Lab File ID: P9121804.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Endrin aldehyde	10.08	Baseline Event	vandorenc	12/19/12 12:32

Lab Sample ID: CCV 240-69152/5 Client Sample ID:

Date Analyzed: 12/18/12 10:28 Lab File ID: P9121805.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 11:15
Toxaphene Peak 2	9.95	Baseline Event	vandorenc	12/18/12 11:15
Toxaphene Peak 3	10.02	Baseline Event	vandorenc	12/18/12 11:15
Toxaphene Peak 4	10.60	Baseline Event	vandorenc	12/18/12 11:15
Toxaphene Peak 5	11.17	Baseline Event	vandorenc	12/18/12 11:15

Lab Sample ID: CCV 240-69152/5 Client Sample ID:

Date Analyzed: 12/18/12 10:28 Lab File ID: P9121805.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	12/18/12 11:15
Toxaphene Peak 2	11.44	Baseline Event	vandorenc	12/18/12 11:15
Toxaphene Peak 3	11.84	Baseline Event	vandorenc	12/18/12 11:15
Toxaphene Peak 4	12.07	Baseline Event	vandorenc	12/18/12 11:15
Toxaphene Peak 5	12.46	Baseline Event	vandorenc	12/18/12 11:15

Lab Sample ID: MB 240-68554/4-A Client Sample ID:

Date Analyzed: 12/18/12 14:09 Lab File ID: P9121813.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
DCB Decachlorobiphenyl	14.25	Baseline Event	vandorenc	12/19/12 12:41

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 69152

Lab Sample ID: CCV 240-69152/19 Client Sample ID:

Date Analyzed: 12/18/12 16:55 Lab File ID: P9121819.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	12/19/12 12:45
Toxaphene Peak 2	11.44	Baseline Event	vandorenc	12/19/12 12:45
Toxaphene Peak 3	11.84	Baseline Event	vandorenc	12/19/12 12:45
Toxaphene Peak 4	12.07	Baseline Event	vandorenc	12/19/12 12:45
Toxaphene Peak 5	12.46	Baseline Event	vandorenc	12/19/12 12:45

Lab Sample ID: CCV 240-69152/21 Client Sample ID:

Date Analyzed: 12/18/12 17:49 Lab File ID: P9121821.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDD	10.73	Baseline Event	vandorenc	12/19/12 12:46
Endosulfan II	10.73	Baseline Event	vandorenc	12/19/12 12:46

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 69893

Lab Sample ID: PEM 240-69893/30 Client Sample ID:

Date Analyzed: 12/22/12 23:20 Lab File ID: P9122230.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 13:28
Endrin aldehyde	10.07	Baseline Event	vandorenc	12/31/12 13:28

Lab Sample ID: PEM 240-69893/30 Client Sample ID:

Date Analyzed: 12/22/12 23:20 Lab File ID: P9122230.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDE	9.69	Baseline Event	vandorenc	12/31/12 13:28

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP1 Analysis Batch Number: 58097

Lab Sample ID: STD 240-58097/10 IC Client Sample ID:

Date Analyzed: 09/18/12 13:18 Lab File ID: P1000010.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pentachlorophenol	9.27	Baseline Event	roachc	09/18/12 19:40

Lab Sample ID: STD 240-58097/11 IC Client Sample ID:

Date Analyzed: 09/18/12 13:42 Lab File ID: P1000011.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pentachlorophenol	9.27	Baseline Event	roachc	09/18/12 19:40

Lab Sample ID: ICV 240-58097/16 Client Sample ID:

Date Analyzed: 09/18/12 15:40 Lab File ID: P1000016.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pentachlorophenol	9.27	Baseline Event	roachc	09/18/12 19:41

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP1 Analysis Batch Number: 67147

Lab Sample ID: STD 240-67147/6 IC Client Sample ID:

Date Analyzed: 12/03/12 17:53 Lab File ID: P1000006.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dalapon	1.25	Baseline Event	roachc	12/04/12 07:58

Lab Sample ID: STD 240-67147/6 IC Client Sample ID:

Date Analyzed: 12/03/12 17:53 Lab File ID: P1000006.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dalapon	1.39	Baseline Event	roachc	12/04/12 07:58
Dichlorprop	8.60	Baseline Event	roachc	12/04/12 07:58
2,4-D	8.96	Baseline Event	roachc	12/04/12 07:58
Silvex (2,4,5-TP)	9.89	Baseline Event	roachc	12/04/12 07:58
2,4-DB	11.02	Baseline Event	roachc	12/04/12 07:58
Dinoseb	11.40	Baseline Event	roachc	12/04/12 07:58

Lab Sample ID: STD 240-67147/7 IC Client Sample ID:

Date Analyzed: 12/03/12 18:17 Lab File ID: P1000007.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dinoseb	11.40	Baseline Event	roachc	12/04/12 07:59

Lab Sample ID: STD 240-67147/8 ICRT Client Sample ID:

Date Analyzed: 12/03/12 18:41 Lab File ID: P1000008.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorprop	8.59	Baseline Event	roachc	12/04/12 07:59

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP1 Analysis Batch Number: 67147

Lab Sample ID: ICV 240-67147/12 Client Sample ID:

Date Analyzed: 12/03/12 20:15 Lab File ID: P1000012.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Silvex (2,4,5-TP)	9.08	Baseline Event	roachc	12/04/12 08:04

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP1 Analysis Batch Number: 68956

Lab Sample ID: MRL 240-68956/21 Client Sample ID:

Date Analyzed: 12/17/12 17:50 Lab File ID: P1000021.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,5-T	10.39	Baseline Event	roachc	12/18/12 09:25

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP1 Analysis Batch Number: 69890

Lab Sample ID: MRL 240-69890/17 Client Sample ID:

Date Analyzed: 12/22/12 17:21 Lab File ID: P1000017.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4,5-T	10.36	Baseline Event	bolgrind	12/26/12 15:16

Lab Sample ID: CCV 240-69890/39 Client Sample ID:

Date Analyzed: 12/23/12 01:59 Lab File ID: P1000039.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,4-DB	10.99	Baseline Event	bolgrind	12/24/12 10:11
Dinoseb	11.36	Baseline Event	bolgrind	12/26/12 15:19

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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: 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

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18703-1

SDG No.:

Instrument ID: LC10 Analysis Batch Number: 7620

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

Lab Sample ID: CCV 320-7620/73 CCVRT Client Sample ID:

Date Analyzed: 12/21/12 16:42 Lab File ID: S000073.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Nitrotoluene	26.46	Incomplete Integration	noonanr	12/26/12 08:30

Lab Sample ID: CCVL 320-7620/74 Client Sample ID:

Date Analyzed: 12/21/12 17:23 Lab File ID: S000074.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
RDX	7.49	Incomplete Integration	noonanr	12/26/12 08:51
1,3,5-Trinitrobenzene	9.84	Baseline	noonanr	12/26/12 08:51
1,3-Dinitrobenzene	12.51	Baseline	noonanr	12/26/12 08:51
3,5-Dinitroaniline	13.25	Baseline	noonanr	12/26/12 08:51
Tetryl	13.67	Baseline	noonanr	12/26/12 08:51
Nitrobenzene	14.23	Baseline	noonanr	12/26/12 08:51
2,4,6-Trinitrotoluene	15.76	Baseline	noonanr	12/26/12 08:51
4-Amino-2,6-dinitrotoluene	16.22	Baseline	noonanr	12/26/12 08:51
3,4-Dinitrotoluene	16.75	Baseline	noonanr	12/26/12 08:51
2-Amino-4,6-dinitrotoluene	17.28	Baseline	noonanr	12/26/12 08:51
2,6-Dinitrotoluene	18.93	Incomplete Integration	noonanr	12/26/12 08:51
2,4-Dinitrotoluene	19.54	Baseline	noonanr	12/26/12 08:51
2-Nitrotoluene	22.89	Baseline	noonanr	12/26/12 08:51
4-Nitrotoluene	24.63	Baseline	noonanr	12/26/12 08:51
3-Nitrotoluene	26.34	Baseline	noonanr	12/26/12 08:51
PETN	28.86	Incomplete Integration	noonanr	12/26/12 08:51

SAMPLE SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-18703-1	072SB-0092-0001-SO	Solid	12/10/2012 1237	12/11/2012 1802
240-18703-2	076SB-0137-0001-TB	Water	12/10/2012 0800	12/11/2012 1802
240-18703-3	076SB-0138-0001-TB	Water	12/10/2012 0800	12/11/2012 1802
240-18703-4	076SB-0139-0001-TB	Water	12/10/2012 0800	12/11/2012 1802
240-18703-5	076SB-0143-0001-TB	Water	12/10/2012 0800	12/11/2012 1802
240-18703-6	076SB-0144-0001-TB	Water	12/10/2012 0800	12/11/2012 1802
240-18703-7	076SB-0145-0001-TB	Water	12/10/2012 0800	12/11/2012 1802
240-18703-8	072SB-0082-0001-SO	Solid	12/10/2012 1045	12/11/2012 1802
240-18703-9	072SB-0083-0001-SO	Solid	12/10/2012 1115	12/11/2012 1802
240-18703-10	072SB-0084-0001-SO	Solid	12/10/2012 1130	12/11/2012 1802
240-18703-11	072SB-0085-0001-SO	Solid	12/10/2012 1205	12/11/2012 1802
240-18703-12	072SB-0086-0001-SO	Solid	12/10/2012 1205	12/11/2012 1802
240-18703-13	072SB-0087-0001-SO	Solid	12/10/2012 0910	12/11/2012 1802
240-18703-14	072SB-0088-0001-SO	Solid	12/10/2012 0930	12/11/2012 1802
240-18703-15	072SB-0089-0001-SO	Solid	12/10/2012 0940	12/11/2012 1802
240-18703-16	072SB-0090-0001-SO	Solid	12/10/2012 0955	12/11/2012 1802
240-18703-17	072SB-0091-0001-SO	Solid	12/10/2012 1225	12/11/2012 1802
240-18703-18	072SB-0075-0001-SO	Solid	12/10/2012 1345	12/11/2012 1802
240-18703-19	072SB-0076-0001-SO	Solid	12/10/2012 1400	12/11/2012 1802
240-18703-20	072SB-0077-0001-SO	Solid	12/10/2012 1400	12/11/2012 1802
240-18703-21	072SB-0079-0001-SO	Solid	12/10/2012 1420	12/11/2012 1802
240-18703-22	072SB-0080-0001-SO	Solid	12/10/2012 1516	12/11/2012 1802
240-18703-23	072SB-0081-0001-SO	Solid	12/10/2012 1450	12/11/2012 1802
240-18703-24	076-0140-0001-ER	Water	12/09/2012 1030	12/11/2012 1802
240-18703-25	076-0141-0001-TB	Water	12/09/2012 0800	12/11/2012 1802
240-18703-26	076-0142-0001-TB	Water	12/09/2012 0800	12/11/2012 1802

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-1	**072SB-0092-0001-SO**					
Toluene		3.1	J	4.2	ug/Kg	8260B/DoD
Silver		0.025	J	0.088	mg/Kg	6020/DOD
Aluminum		7700		2.6	mg/Kg	6020/DOD
Arsenic		15		0.088	mg/Kg	6020/DOD
Barium		25	Q	0.88	mg/Kg	6020/DOD
Beryllium		0.38		0.088	mg/Kg	6020/DOD
Calcium		5100		8.8	mg/Kg	6020/DOD
Cadmium		0.14		0.088	mg/Kg	6020/DOD
Chromium		12		0.18	mg/Kg	6020/DOD
Cobalt		9.3	Q	0.044	mg/Kg	6020/DOD
Copper		16	Q	0.18	mg/Kg	6020/DOD
Iron		23000		4.4	mg/Kg	6020/DOD
Magnesium		4200		8.8	mg/Kg	6020/DOD
Manganese		260		0.44	mg/Kg	6020/DOD
Sodium		43		8.8	mg/Kg	6020/DOD
Nickel		21		0.088	mg/Kg	6020/DOD
Lead		9.3		0.088	mg/Kg	6020/DOD
Antimony		0.053	J	0.18	mg/Kg	6020/DOD
Thallium		0.11		0.088	mg/Kg	6020/DOD
Vanadium		12		0.088	mg/Kg	6020/DOD
Zinc		48	Q	0.44	mg/Kg	6020/DOD
Potassium		1100		8.8	mg/Kg	6020/DOD
Selenium		0.32	J Q	0.44	mg/Kg	6020/DOD
Percent Solids		87		0.10	%	Moisture
Percent Moisture		13		0.10	%	Moisture
240-18703-2	**076SB-0137-0001-TB**					
2-Butanone (MEK)		0.57	J	10	ug/L	8260B/DoD
4-Methyl-2-pentanone (MIBK)		0.32	J	10	ug/L	8260B/DoD
Acetone		12		10	ug/L	8260B/DoD
240-18703-3	**076SB-0138-0001-TB**					
2-Butanone (MEK)		0.69	J	10	ug/L	8260B/DoD
Acetone		14		10	ug/L	8260B/DoD
240-18703-4	**076SB-0139-0001-TB**					
2-Butanone (MEK)		0.64	J	10	ug/L	8260B/DoD
4-Methyl-2-pentanone (MIBK)		0.39	J	10	ug/L	8260B/DoD
Acetone		15		10	ug/L	8260B/DoD

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-5	**076SB-0143-0001-TB**					
C6-C12		29	J	100	ug/L	8015B
240-18703-6	**076SB-0144-0001-TB**					
C6-C12		27	J	100	ug/L	8015B

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-8	**072SB-0082-0001-SO**					
Acetone		14	J	19	ug/Kg	8260B/DoD
2-Butanone (MEK)		2.9	J	19	ug/Kg	8260B/DoD
Toluene		1.7	J	4.8	ug/Kg	8260B/DoD
Anthracene		8.8		7.8	ug/Kg	8270C/DoD
Benzo[a]anthracene		17		7.8	ug/Kg	8270C/DoD
Benzo[a]pyrene		9.6		7.8	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		13		7.8	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		17	M	7.8	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		5.6	J	7.8	ug/Kg	8270C/DoD
Chrysene		9.2		7.8	ug/Kg	8270C/DoD
Dibenzofuran		12	J	59	ug/Kg	8270C/DoD
Fluoranthene		15		7.8	ug/Kg	8270C/DoD
Fluorene		11		7.8	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		7.6	J M	7.8	ug/Kg	8270C/DoD
2-Methylnaphthalene		17		7.8	ug/Kg	8270C/DoD
Naphthalene		7.0	J	7.8	ug/Kg	8270C/DoD
Phenanthrene		20		7.8	ug/Kg	8270C/DoD
Pyrene		22		7.8	ug/Kg	8270C/DoD
C6-C12		43000	H	8800	ug/Kg	8015B
C10-C20		220		20	mg/Kg	8015B_DRO/DOD
C20-C34		25		20	mg/Kg	8015B_DRO/DOD
Silver		0.031	J	0.11	mg/Kg	6020/DOD
Aluminum		10000		3.4	mg/Kg	6020/DOD
Arsenic		15		0.11	mg/Kg	6020/DOD
Barium		38	Q	1.1	mg/Kg	6020/DOD
Beryllium		0.47		0.11	mg/Kg	6020/DOD
Calcium		7500		11	mg/Kg	6020/DOD
Cadmium		0.14		0.11	mg/Kg	6020/DOD
Chromium		14		0.23	mg/Kg	6020/DOD
Cobalt		12	Q	0.057	mg/Kg	6020/DOD
Copper		55	Q	0.23	mg/Kg	6020/DOD
Iron		26000		5.7	mg/Kg	6020/DOD
Magnesium		5500		11	mg/Kg	6020/DOD
Manganese		440		0.57	mg/Kg	6020/DOD
Sodium		83		11	mg/Kg	6020/DOD
Nickel		27		0.11	mg/Kg	6020/DOD
Lead		13		0.11	mg/Kg	6020/DOD
Thallium		0.15		0.11	mg/Kg	6020/DOD
Vanadium		16		0.11	mg/Kg	6020/DOD
Zinc		55	Q	0.57	mg/Kg	6020/DOD
Potassium		1600		11	mg/Kg	6020/DOD
Selenium		0.54	J	0.57	mg/Kg	6020/DOD
Percent Solids		84		0.10	%	Moisture
Percent Moisture		16		0.10	%	Moisture
Nitrocellulose		9.5	J	49	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-9	**072SB-0083-0001-SO**					
Toluene		2.7	J	4.7	ug/Kg	8260B/DoD
Silver		0.031	J	0.10	mg/Kg	6020/DOD
Aluminum		9800		3.1	mg/Kg	6020/DOD
Arsenic		16		0.10	mg/Kg	6020/DOD
Barium		33	Q	1.0	mg/Kg	6020/DOD
Beryllium		0.46		0.10	mg/Kg	6020/DOD
Calcium		11000		10	mg/Kg	6020/DOD
Cadmium		0.14		0.10	mg/Kg	6020/DOD
Chromium		14		0.21	mg/Kg	6020/DOD
Cobalt		11	Q	0.051	mg/Kg	6020/DOD
Copper		20	Q	0.21	mg/Kg	6020/DOD
Iron		26000		5.1	mg/Kg	6020/DOD
Magnesium		8700		10	mg/Kg	6020/DOD
Manganese		400		0.51	mg/Kg	6020/DOD
Sodium		100		10	mg/Kg	6020/DOD
Nickel		25		0.10	mg/Kg	6020/DOD
Lead		12		0.10	mg/Kg	6020/DOD
Thallium		0.15		0.10	mg/Kg	6020/DOD
Vanadium		15		0.10	mg/Kg	6020/DOD
Zinc		55	Q	0.51	mg/Kg	6020/DOD
Potassium		1600		10	mg/Kg	6020/DOD
Selenium		0.47	J	0.51	mg/Kg	6020/DOD
Percent Solids		86		0.10	%	Moisture
Percent Moisture		14		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-10	**072SB-0084-0001-SO**					
Toluene		3.5	J	4.8	ug/Kg	8260B/DoD
Chrysene		5.3	J M	7.7	ug/Kg	8270C/DoD
Phenanthrene		8.9		7.7	ug/Kg	8270C/DoD
Silver		0.031	J	0.11	mg/Kg	6020/DOD
Aluminum		10000		3.3	mg/Kg	6020/DOD
Arsenic		17		0.11	mg/Kg	6020/DOD
Barium		35	Q	1.1	mg/Kg	6020/DOD
Beryllium		0.48		0.11	mg/Kg	6020/DOD
Calcium		7300		11	mg/Kg	6020/DOD
Cadmium		0.14		0.11	mg/Kg	6020/DOD
Chromium		14		0.22	mg/Kg	6020/DOD
Cobalt		12	Q	0.055	mg/Kg	6020/DOD
Copper		20	Q	0.22	mg/Kg	6020/DOD
Iron		27000		5.5	mg/Kg	6020/DOD
Magnesium		5300		11	mg/Kg	6020/DOD
Manganese		420		0.55	mg/Kg	6020/DOD
Sodium		72		11	mg/Kg	6020/DOD
Nickel		26		0.11	mg/Kg	6020/DOD
Lead		12		0.11	mg/Kg	6020/DOD
Antimony		0.30		0.22	mg/Kg	6020/DOD
Thallium		0.17		0.11	mg/Kg	6020/DOD
Vanadium		15		0.11	mg/Kg	6020/DOD
Zinc		56	Q	0.55	mg/Kg	6020/DOD
Potassium		1700		11	mg/Kg	6020/DOD
Selenium		0.49	J	0.55	mg/Kg	6020/DOD
Percent Solids		86		0.10	%	Moisture
Percent Moisture		14		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-11	**072SB-0085-0001-SO**					
Toluene		4.3	J	6.0	ug/Kg	8260B/DoD
Silver		0.030	J	0.11	mg/Kg	6020/DOD
Aluminum		9600		3.4	mg/Kg	6020/DOD
Arsenic		18		0.11	mg/Kg	6020/DOD
Barium		32	Q	1.1	mg/Kg	6020/DOD
Beryllium		0.44		0.11	mg/Kg	6020/DOD
Calcium		8400		11	mg/Kg	6020/DOD
Cadmium		0.13		0.11	mg/Kg	6020/DOD
Chromium		13		0.23	mg/Kg	6020/DOD
Cobalt		11	Q	0.056	mg/Kg	6020/DOD
Copper		19	Q	0.23	mg/Kg	6020/DOD
Iron		25000		5.6	mg/Kg	6020/DOD
Magnesium		5300		11	mg/Kg	6020/DOD
Manganese		380		0.56	mg/Kg	6020/DOD
Sodium		72		11	mg/Kg	6020/DOD
Nickel		23		0.11	mg/Kg	6020/DOD
Lead		13		0.11	mg/Kg	6020/DOD
Antimony		0.077	J	0.23	mg/Kg	6020/DOD
Thallium		0.14		0.11	mg/Kg	6020/DOD
Vanadium		15		0.11	mg/Kg	6020/DOD
Zinc		52	Q	0.56	mg/Kg	6020/DOD
Potassium		1600		11	mg/Kg	6020/DOD
Selenium		0.46	J	0.56	mg/Kg	6020/DOD
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-12	**072SB-0086-0001-SO**					
Toluene		2.6	J	4.8	ug/Kg	8260B/DoD
Silver		0.022	J	0.10	mg/Kg	6020/DOD
Aluminum		8900		3.0	mg/Kg	6020/DOD
Arsenic		13		0.10	mg/Kg	6020/DOD
Barium		27	Q	1.0	mg/Kg	6020/DOD
Beryllium		0.35		0.10	mg/Kg	6020/DOD
Calcium		5200		10	mg/Kg	6020/DOD
Cadmium		0.092	J	0.10	mg/Kg	6020/DOD
Chromium		11		0.20	mg/Kg	6020/DOD
Cobalt		8.5	Q	0.051	mg/Kg	6020/DOD
Copper		15	Q	0.20	mg/Kg	6020/DOD
Iron		22000		5.1	mg/Kg	6020/DOD
Magnesium		4200		10	mg/Kg	6020/DOD
Manganese		260		0.51	mg/Kg	6020/DOD
Sodium		63		10	mg/Kg	6020/DOD
Nickel		19		0.10	mg/Kg	6020/DOD
Lead		9.3		0.10	mg/Kg	6020/DOD
Thallium		0.10		0.10	mg/Kg	6020/DOD
Vanadium		13		0.10	mg/Kg	6020/DOD
Zinc		44	Q	0.51	mg/Kg	6020/DOD
Potassium		1400		10	mg/Kg	6020/DOD
Selenium		0.40	J	0.51	mg/Kg	6020/DOD
Percent Solids		88		0.10	%	Moisture
Percent Moisture		12		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-13	**072SB-0087-0001-SO**					
Toluene		6.2		6.1	ug/Kg	8260B/DoD
Benzo[a]anthracene		13		7.2	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		9.3	M	7.2	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		3.6	J	7.2	ug/Kg	8270C/DoD
Chrysene		5.5	J	7.2	ug/Kg	8270C/DoD
Fluoranthene		12		7.2	ug/Kg	8270C/DoD
2-Methylnaphthalene		3.9	J	7.2	ug/Kg	8270C/DoD
Phenanthrene		3.6	J	7.2	ug/Kg	8270C/DoD
Pyrene		7.6		7.2	ug/Kg	8270C/DoD
Silver		0.022	J	0.091	mg/Kg	6020/DOD
Aluminum		7400		2.7	mg/Kg	6020/DOD
Arsenic		8.9		0.091	mg/Kg	6020/DOD
Barium		39	Q	0.91	mg/Kg	6020/DOD
Beryllium		0.41		0.091	mg/Kg	6020/DOD
Calcium		1600		9.1	mg/Kg	6020/DOD
Cadmium		0.16		0.091	mg/Kg	6020/DOD
Chromium		10		0.18	mg/Kg	6020/DOD
Cobalt		7.7	Q	0.045	mg/Kg	6020/DOD
Copper		13	Q	0.18	mg/Kg	6020/DOD
Iron		19000		4.5	mg/Kg	6020/DOD
Magnesium		2000		9.1	mg/Kg	6020/DOD
Manganese		360		0.45	mg/Kg	6020/DOD
Sodium		47		9.1	mg/Kg	6020/DOD
Nickel		16		0.091	mg/Kg	6020/DOD
Lead		13		0.091	mg/Kg	6020/DOD
Thallium		0.13		0.091	mg/Kg	6020/DOD
Vanadium		13		0.091	mg/Kg	6020/DOD
Zinc		53	Q	0.45	mg/Kg	6020/DOD
Potassium		1000		9.1	mg/Kg	6020/DOD
Selenium		0.41	J	0.45	mg/Kg	6020/DOD
Percent Solids		94		0.10	%	Moisture
Percent Moisture		5.8		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-14	**072SB-0088-0001-SO**					
Toluene		5.2		4.9	ug/Kg	8260B/DoD
Fluoranthene		12		7.3	ug/Kg	8270C/DoD
Fluorene		5.6	J	7.3	ug/Kg	8270C/DoD
Pyrene		10		7.3	ug/Kg	8270C/DoD
C20-C34		11	J	18	mg/Kg	8015B_DRO/DOD
Silver		0.018	J	0.10	mg/Kg	6020/DOD
Aluminum		5500		3.0	mg/Kg	6020/DOD
Arsenic		6.2		0.10	mg/Kg	6020/DOD
Barium		30	Q	1.0	mg/Kg	6020/DOD
Beryllium		0.36		0.10	mg/Kg	6020/DOD
Calcium		1300		10	mg/Kg	6020/DOD
Cadmium		0.14		0.10	mg/Kg	6020/DOD
Chromium		7.2		0.20	mg/Kg	6020/DOD
Cobalt		5.4	Q	0.050	mg/Kg	6020/DOD
Copper		9.1	Q	0.20	mg/Kg	6020/DOD
Iron		16000		5.0	mg/Kg	6020/DOD
Magnesium		1400		10	mg/Kg	6020/DOD
Manganese		230		0.50	mg/Kg	6020/DOD
Sodium		54		10	mg/Kg	6020/DOD
Nickel		12		0.10	mg/Kg	6020/DOD
Lead		12		0.10	mg/Kg	6020/DOD
Thallium		0.11		0.10	mg/Kg	6020/DOD
Vanadium		9.6		0.10	mg/Kg	6020/DOD
Zinc		46	Q	0.50	mg/Kg	6020/DOD
Potassium		830		10	mg/Kg	6020/DOD
Selenium		0.32	J	0.50	mg/Kg	6020/DOD
Mercury		0.016	J	0.12	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: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-15	**072SB-0089-0001-SO**					
Toluene		3.8	J	5.6	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		21	J	56	ug/Kg	8270C/DoD
Fluoranthene		5.5	J	7.5	ug/Kg	8270C/DoD
Phenanthrene		4.1	J	7.5	ug/Kg	8270C/DoD
Pyrene		3.9	J	7.5	ug/Kg	8270C/DoD
C6-C12		54	J	99	ug/Kg	8015B
Silver		0.023	J	0.10	mg/Kg	6020/DOD
Aluminum		10000		3.1	mg/Kg	6020/DOD
Arsenic		13		0.10	mg/Kg	6020/DOD
Barium		47	Q	1.0	mg/Kg	6020/DOD
Beryllium		0.48		0.10	mg/Kg	6020/DOD
Calcium		1400		10	mg/Kg	6020/DOD
Cadmium		0.18		0.10	mg/Kg	6020/DOD
Chromium		14		0.21	mg/Kg	6020/DOD
Cobalt		9.3	Q	0.051	mg/Kg	6020/DOD
Copper		18	Q	0.21	mg/Kg	6020/DOD
Iron		23000		5.1	mg/Kg	6020/DOD
Magnesium		2900		10	mg/Kg	6020/DOD
Manganese		330		0.51	mg/Kg	6020/DOD
Sodium		60		10	mg/Kg	6020/DOD
Nickel		22		0.10	mg/Kg	6020/DOD
Lead		14		0.10	mg/Kg	6020/DOD
Thallium		0.14		0.10	mg/Kg	6020/DOD
Vanadium		16		0.10	mg/Kg	6020/DOD
Zinc		55	Q	0.51	mg/Kg	6020/DOD
Potassium		1200		10	mg/Kg	6020/DOD
Selenium		0.46	J	0.51	mg/Kg	6020/DOD
Mercury		0.014	J	0.10	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: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-16	**072SB-0090-0001-SO**					
Toluene		2.8	J	5.3	ug/Kg	8260B/DoD
Benzo[a]anthracene		11		7.5	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		28	J	56	ug/Kg	8270C/DoD
Chrysene		4.0	J	7.5	ug/Kg	8270C/DoD
Fluoranthene		6.3	J	7.5	ug/Kg	8270C/DoD
Phenanthrene		4.5	J	7.5	ug/Kg	8270C/DoD
Pyrene		5.0	J	7.5	ug/Kg	8270C/DoD
C20-C34		14	J	18	mg/Kg	8015B_DRO/DOD
Silver		0.013	J	0.10	mg/Kg	6020/DOD
Aluminum		4100		3.1	mg/Kg	6020/DOD
Arsenic		4.2		0.10	mg/Kg	6020/DOD
Barium		23	Q	1.0	mg/Kg	6020/DOD
Beryllium		0.28		0.10	mg/Kg	6020/DOD
Calcium		870		10	mg/Kg	6020/DOD
Cadmium		0.11		0.10	mg/Kg	6020/DOD
Chromium		5.8		0.21	mg/Kg	6020/DOD
Cobalt		4.5	Q	0.052	mg/Kg	6020/DOD
Copper		7.0	Q	0.21	mg/Kg	6020/DOD
Iron		13000		5.2	mg/Kg	6020/DOD
Magnesium		1200		10	mg/Kg	6020/DOD
Manganese		220		0.52	mg/Kg	6020/DOD
Sodium		33		10	mg/Kg	6020/DOD
Nickel		9.2		0.10	mg/Kg	6020/DOD
Lead		9.6		0.10	mg/Kg	6020/DOD
Thallium		0.075	J	0.10	mg/Kg	6020/DOD
Vanadium		7.8		0.10	mg/Kg	6020/DOD
Zinc		38	Q	0.52	mg/Kg	6020/DOD
Potassium		670		10	mg/Kg	6020/DOD
Selenium		0.28	J	0.52	mg/Kg	6020/DOD
Percent Solids		90		0.10	%	Moisture
Percent Moisture		9.9		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-17	**072SB-0091-0001-SO**					
Toluene		5.0	J	6.5	ug/Kg	8260B/DoD
Silver		0.025	J	0.11	mg/Kg	6020/DOD
Aluminum		10000		3.3	mg/Kg	6020/DOD
Arsenic		16		0.11	mg/Kg	6020/DOD
Barium		31	Q	1.1	mg/Kg	6020/DOD
Beryllium		0.46		0.11	mg/Kg	6020/DOD
Calcium		5700		11	mg/Kg	6020/DOD
Cadmium		0.15		0.11	mg/Kg	6020/DOD
Chromium		14		0.22	mg/Kg	6020/DOD
Cobalt		11	Q	0.055	mg/Kg	6020/DOD
Copper		20	Q	0.22	mg/Kg	6020/DOD
Iron		26000		5.5	mg/Kg	6020/DOD
Magnesium		5400		11	mg/Kg	6020/DOD
Manganese		380		0.55	mg/Kg	6020/DOD
Sodium		72		11	mg/Kg	6020/DOD
Nickel		24		0.11	mg/Kg	6020/DOD
Lead		12		0.11	mg/Kg	6020/DOD
Thallium		0.14		0.11	mg/Kg	6020/DOD
Vanadium		15		0.11	mg/Kg	6020/DOD
Zinc		55	Q	0.55	mg/Kg	6020/DOD
Potassium		1700		11	mg/Kg	6020/DOD
Selenium		0.49	J	0.55	mg/Kg	6020/DOD
Percent Solids		88		0.10	%	Moisture
Percent Moisture		12		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-18	**072SB-0075-0001-SO**					
1,2-Dichloroethane		0.82	J	4.4	ug/Kg	8260B/DoD
Methylene Chloride		1.0	J	4.4	ug/Kg	8260B/DoD
Toluene		3.8	J	4.4	ug/Kg	8260B/DoD
Benzo[b]fluoranthene		3.8	J	7.7	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		24	J B	58	ug/Kg	8270C/DoD
Silver		0.044	J	0.11	mg/Kg	6020/DOD
Aluminum		14000		3.2	mg/Kg	6020/DOD
Arsenic		12		0.11	mg/Kg	6020/DOD
Barium		53	Q	1.1	mg/Kg	6020/DOD
Beryllium		0.63		0.11	mg/Kg	6020/DOD
Calcium		2000		11	mg/Kg	6020/DOD
Cadmium		0.16		0.11	mg/Kg	6020/DOD
Chromium		19		0.21	mg/Kg	6020/DOD
Cobalt		11	Q	0.054	mg/Kg	6020/DOD
Copper		19	Q	0.21	mg/Kg	6020/DOD
Iron		28000		5.4	mg/Kg	6020/DOD
Magnesium		4800		11	mg/Kg	6020/DOD
Manganese		180		0.54	mg/Kg	6020/DOD
Sodium		77		11	mg/Kg	6020/DOD
Nickel		28		0.11	mg/Kg	6020/DOD
Lead		12		0.11	mg/Kg	6020/DOD
Thallium		0.17		0.11	mg/Kg	6020/DOD
Vanadium		19		0.11	mg/Kg	6020/DOD
Zinc		66	Q	0.54	mg/Kg	6020/DOD
Potassium		2100		11	mg/Kg	6020/DOD
Selenium		0.50	J	0.54	mg/Kg	6020/DOD
Percent Solids		87		0.10	%	Moisture
Percent Moisture		13		0.10	%	Moisture
Nitrocellulose		11	J	55	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-19	**072SB-0076-0001-SO**					
Benzene		9.9		4.0	ug/Kg	8260B/DoD
Ethylbenzene		22		4.0	ug/Kg	8260B/DoD
Toluene		52		4.0	ug/Kg	8260B/DoD
Xylenes, Total		150		8.0	ug/Kg	8260B/DoD
Acenaphthylene		7.6	J	7.9	ug/Kg	8270C/DoD
Anthracene		5.8	J	7.9	ug/Kg	8270C/DoD
Benzo[a]anthracene		55		7.9	ug/Kg	8270C/DoD
Benzo[a]pyrene		40		7.9	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		65	M	7.9	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		34		7.9	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		22	M	7.9	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		24	J	59	ug/Kg	8270C/DoD
Chrysene		41		7.9	ug/Kg	8270C/DoD
Fluoranthene		96		7.9	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		22		7.9	ug/Kg	8270C/DoD
Phenanthrene		47		7.9	ug/Kg	8270C/DoD
Pyrene		77		7.9	ug/Kg	8270C/DoD
C6-C12		70	J	94	ug/Kg	8015B
Silver		0.037	J	0.11	mg/Kg	6020/DOD
Aluminum		12000		3.3	mg/Kg	6020/DOD
Arsenic		14		0.11	mg/Kg	6020/DOD
Barium		56	Q	1.1	mg/Kg	6020/DOD
Beryllium		0.55		0.11	mg/Kg	6020/DOD
Calcium		1300		11	mg/Kg	6020/DOD
Cadmium		0.18		0.11	mg/Kg	6020/DOD
Chromium		14		0.22	mg/Kg	6020/DOD
Cobalt		9.2	Q	0.055	mg/Kg	6020/DOD
Copper		14	Q	0.22	mg/Kg	6020/DOD
Iron		24000		5.5	mg/Kg	6020/DOD
Magnesium		2600		11	mg/Kg	6020/DOD
Manganese		330		0.55	mg/Kg	6020/DOD
Sodium		45		11	mg/Kg	6020/DOD
Nickel		19		0.11	mg/Kg	6020/DOD
Lead		20		0.11	mg/Kg	6020/DOD
Thallium		0.15		0.11	mg/Kg	6020/DOD
Vanadium		19		0.11	mg/Kg	6020/DOD
Zinc		52	Q	0.55	mg/Kg	6020/DOD
Potassium		1200		11	mg/Kg	6020/DOD
Selenium		0.56		0.55	mg/Kg	6020/DOD
Percent Solids		84		0.10	%	Moisture
Percent Moisture		16		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-20	**072SB-0077-0001-SO**					
Benzene		1.8	J	4.6	ug/Kg	8260B/DoD
Ethylbenzene		0.71	J	4.6	ug/Kg	8260B/DoD
Toluene		6.7		4.6	ug/Kg	8260B/DoD
Xylenes, Total		5.4	J	9.2	ug/Kg	8260B/DoD
Anthracene		4.8	J	8.2	ug/Kg	8270C/DoD
Benzo[a]anthracene		24		8.2	ug/Kg	8270C/DoD
Benzo[a]pyrene		16		8.2	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		22		8.2	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		20	M	8.2	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		8.9	M	8.2	ug/Kg	8270C/DoD
Chrysene		17	M	8.2	ug/Kg	8270C/DoD
Fluoranthene		34		8.2	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		10	M	8.2	ug/Kg	8270C/DoD
Phenanthrene		21		8.2	ug/Kg	8270C/DoD
Pyrene		26		8.2	ug/Kg	8270C/DoD
C6-C12		2200	J	97	ug/Kg	8015B
C6-C12		2900	J	5000	ug/Kg	8015B
Silver		0.045	J	0.11	mg/Kg	6020/DOD
Aluminum		11000		3.3	mg/Kg	6020/DOD
Arsenic		15		0.11	mg/Kg	6020/DOD
Barium		95	Q	1.1	mg/Kg	6020/DOD
Beryllium		0.56		0.11	mg/Kg	6020/DOD
Calcium		1400		11	mg/Kg	6020/DOD
Cadmium		0.22		0.11	mg/Kg	6020/DOD
Chromium		13		0.22	mg/Kg	6020/DOD
Cobalt		15	Q	0.055	mg/Kg	6020/DOD
Copper		9.9	Q	0.22	mg/Kg	6020/DOD
Iron		24000		5.5	mg/Kg	6020/DOD
Magnesium		2000		11	mg/Kg	6020/DOD
Manganese		1700		0.55	mg/Kg	6020/DOD
Sodium		36		11	mg/Kg	6020/DOD
Nickel		15		0.11	mg/Kg	6020/DOD
Lead		19		0.11	mg/Kg	6020/DOD
Thallium		0.16		0.11	mg/Kg	6020/DOD
Vanadium		21		0.11	mg/Kg	6020/DOD
Zinc		45	Q	0.55	mg/Kg	6020/DOD
Potassium		820		11	mg/Kg	6020/DOD
Selenium		0.70		0.55	mg/Kg	6020/DOD
Percent Solids		83		0.10	%	Moisture
Percent Moisture		17		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-21	**072SB-0079-0001-SO**					
Benzene		46		5.4	ug/Kg	8260B/DoD
Ethylbenzene		30		5.4	ug/Kg	8260B/DoD
Toluene		140		5.4	ug/Kg	8260B/DoD
Xylenes, Total		230		11	ug/Kg	8260B/DoD
Acenaphthylene		5.3	J	8.7	ug/Kg	8270C/DoD
Anthracene		5.5	J	8.7	ug/Kg	8270C/DoD
Benzo[a]anthracene		46		8.7	ug/Kg	8270C/DoD
Benzo[a]pyrene		37		8.7	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		50		8.7	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		32	M	8.7	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		21		8.7	ug/Kg	8270C/DoD
Chrysene		35		8.7	ug/Kg	8270C/DoD
Fluoranthene		74		8.7	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		20	M	8.7	ug/Kg	8270C/DoD
2-Methylnaphthalene		11		8.7	ug/Kg	8270C/DoD
Naphthalene		7.6	J	8.7	ug/Kg	8270C/DoD
Phenanthrene		32		8.7	ug/Kg	8270C/DoD
Pyrene		57		8.7	ug/Kg	8270C/DoD
C6-C12		860		110	ug/Kg	8015B
Silver		0.042	J	0.12	mg/Kg	6020/DOD
Aluminum		13000		3.7	mg/Kg	6020/DOD
Arsenic		14		0.12	mg/Kg	6020/DOD
Barium		69	Q	1.2	mg/Kg	6020/DOD
Beryllium		0.60		0.12	mg/Kg	6020/DOD
Calcium		1600		12	mg/Kg	6020/DOD
Cadmium		0.20		0.12	mg/Kg	6020/DOD
Chromium		16		0.25	mg/Kg	6020/DOD
Cobalt		10	Q	0.062	mg/Kg	6020/DOD
Copper		14	Q	0.25	mg/Kg	6020/DOD
Iron		30000		6.2	mg/Kg	6020/DOD
Magnesium		2700		12	mg/Kg	6020/DOD
Manganese		660		0.62	mg/Kg	6020/DOD
Sodium		44		12	mg/Kg	6020/DOD
Nickel		19		0.12	mg/Kg	6020/DOD
Lead		46		0.12	mg/Kg	6020/DOD
Thallium		0.18		0.12	mg/Kg	6020/DOD
Vanadium		24		0.12	mg/Kg	6020/DOD
Zinc		57	Q	0.62	mg/Kg	6020/DOD
Potassium		1100		12	mg/Kg	6020/DOD
Selenium		0.76		0.62	mg/Kg	6020/DOD
Mercury		0.034	J	0.15	mg/Kg	7471/DOD
Percent Solids		77		0.10	%	Moisture
Percent Moisture		23		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-22	**072SB-0080-0001-SO**					
Benzene		8.9		4.4	ug/Kg	8260B/DoD
Ethylbenzene		22		4.4	ug/Kg	8260B/DoD
Toluene		87		4.4	ug/Kg	8260B/DoD
Xylenes, Total		140		8.8	ug/Kg	8260B/DoD
Benzo[b]fluoranthene		6.1	J M	7.8	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		31	J	59	ug/Kg	8270C/DoD
Chrysene		4.5	J	7.8	ug/Kg	8270C/DoD
2-Methylnaphthalene		17		7.8	ug/Kg	8270C/DoD
Naphthalene		12		7.8	ug/Kg	8270C/DoD
C6-C12		3200	J	78	ug/Kg	8015B
C6-C12		4200	J	5100	ug/Kg	8015B
Dalapon		33	J	47	ug/Kg	8151/DOD
Silver		0.032	J	0.11	mg/Kg	6020/DOD
Aluminum		13000		3.2	mg/Kg	6020/DOD
Arsenic		17		0.11	mg/Kg	6020/DOD
Barium		47	Q	1.1	mg/Kg	6020/DOD
Beryllium		0.63		0.11	mg/Kg	6020/DOD
Calcium		4600		11	mg/Kg	6020/DOD
Cadmium		0.25		0.11	mg/Kg	6020/DOD
Chromium		18		0.21	mg/Kg	6020/DOD
Cobalt		14	Q	0.053	mg/Kg	6020/DOD
Copper		19	Q	0.21	mg/Kg	6020/DOD
Iron		31000		5.3	mg/Kg	6020/DOD
Magnesium		5800		11	mg/Kg	6020/DOD
Manganese		350		0.53	mg/Kg	6020/DOD
Sodium		74		11	mg/Kg	6020/DOD
Nickel		30		0.11	mg/Kg	6020/DOD
Lead		13		0.11	mg/Kg	6020/DOD
Thallium		0.14		0.11	mg/Kg	6020/DOD
Vanadium		18		0.11	mg/Kg	6020/DOD
Zinc		130	Q	0.53	mg/Kg	6020/DOD
Potassium		2200		11	mg/Kg	6020/DOD
Selenium		0.46	J	0.53	mg/Kg	6020/DOD
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-23	**072SB-0081-0001-SO**					
Toluene		5.3	J	7.9	ug/Kg	8260B/DoD
Bis(2-ethylhexyl) phthalate		31	J	56	ug/Kg	8270C/DoD
Dalapon		14	J	45	ug/Kg	8151/DOD
Silver		0.033	J	0.099	mg/Kg	6020/DOD
Aluminum		14000		3.0	mg/Kg	6020/DOD
Arsenic		17		0.099	mg/Kg	6020/DOD
Barium		44	Q	0.99	mg/Kg	6020/DOD
Beryllium		0.66		0.099	mg/Kg	6020/DOD
Calcium		4300		9.9	mg/Kg	6020/DOD
Cadmium		0.15		0.099	mg/Kg	6020/DOD
Chromium		18		0.20	mg/Kg	6020/DOD
Cobalt		12	Q	0.049	mg/Kg	6020/DOD
Copper		18	Q	0.20	mg/Kg	6020/DOD
Iron		30000		4.9	mg/Kg	6020/DOD
Magnesium		5800		9.9	mg/Kg	6020/DOD
Manganese		250		0.49	mg/Kg	6020/DOD
Sodium		80		9.9	mg/Kg	6020/DOD
Nickel		28		0.099	mg/Kg	6020/DOD
Lead		12		0.099	mg/Kg	6020/DOD
Thallium		0.14		0.099	mg/Kg	6020/DOD
Vanadium		19		0.099	mg/Kg	6020/DOD
Zinc		60	Q	0.49	mg/Kg	6020/DOD
Potassium		2200		9.9	mg/Kg	6020/DOD
Selenium		0.51		0.49	mg/Kg	6020/DOD
Percent Solids		88		0.10	%	Moisture
Percent Moisture		12		0.10	%	Moisture
240-18703-24	**076-0140-0001-ER**					
Chloroform		0.58	J	1.0	ug/L	8260B/DoD
Total Recoverable						
Aluminum		14	J	30	ug/L	6020/DOD
Barium		0.43	J Q	10	ug/L	6020/DOD
Calcium		82	J	100	ug/L	6020/DOD
Chromium		0.76	J	2.0	ug/L	6020/DOD
Cobalt		0.036	J Q	0.50	ug/L	6020/DOD
Iron		20	J	50	ug/L	6020/DOD
Manganese		1.9	J	5.0	ug/L	6020/DOD
Sodium		150		100	ug/L	6020/DOD
Nickel		0.47	J	1.0	ug/L	6020/DOD
Thallium		0.25	J	1.0	ug/L	6020/DOD
Zinc		1.1	J Q	5.0	ug/L	6020/DOD

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-18703-25	**076-0141-0001-TB**					
4-Methyl-2-pentanone (MIBK)		0.36	J	10	ug/L	8260B/DoD
Acetone		12		10	ug/L	8260B/DoD
C6-C12		27	J	100	ug/L	8015B
240-18703-26	**076-0142-0001-TB**					
2-Butanone (MEK)		0.60	J	10	ug/L	8260B/DoD
4-Methyl-2-pentanone (MIBK)		0.35	J	10	ug/L	8260B/DoD
Acetone		12		10	ug/L	8260B/DoD

METHOD SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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
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
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL NC	SW846 8082/DOD	
Soxhlet Extraction	TAL NC		SW846 3540C
Herbicides (GC)	TAL NC	SW846 8151/DOD	
Extraction (Herbicides)	TAL NC		SW846 8151A
Mercury (CVAA)	TAL NC	SW846 7471/DOD	
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
Semivolatile Organic Compounds (GC/MS)	TAL NC	SW846 8270C/DoD	
Liquid-Liquid Extraction (Continuous)	TAL NC		SW846 3520C
Gasoline Range Organics - (GC)	TAL NC	SW846 8015B	
Purge and Trap	TAL NC		SW846 5030B
Diesel Range Organics (DRO) (GC)	TAL NC	SW846 8015B_DRO/DOD	
Liquid-Liquid Extraction (Continuous)	TAL NC		SW846 3520C
Organochlorine Pesticides (GC)	TAL NC	SW846 8081/DOD	
Liquid-Liquid Extraction (Continuous)	TAL NC		SW846 3520C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL NC	SW846 8082/DOD	
Liquid-Liquid Extraction (Continuous)	TAL NC		SW846 3520C
Herbicides (GC)	TAL NC	SW846 8151/DOD	
Extraction (Herbicides)	TAL NC		SW846 8151A

METHOD SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Mercury (CVAA)	TAL NC	SW846 7470A/DOD	
Preparation, Mercury	TAL NC		SW846 7470A
Metals (ICP/MS)	TAL PIT	SW846 6020/DOD	
Preparation, Total Recoverable or Dissolved Metals	TAL PIT		SW846 3005A
Nitroguanidine (HPLC)	TAL WSC	SW846 8330 Modified	
Sample Filtration	TAL WSC		Filtration
Nitroaromatics and Nitramines (HPLC)	TAL WSC	SW846 8330B	
Solid-Phase Extraction (Explosives)	TAL WSC		SW846 8330-Prep
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)

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: 240-18703-1

Method	Analyst	Analyst ID
SW846 8260B/DoD	Lata, Todd	TL
SW846 8260B/DoD	Quayle, Rick	RQ
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 8082/DOD	Roach, Carolynne	CR
SW846 8151/DOD	Bolgrin, Deborah	DB
SW846 8151/DOD	Roach, Carolynne	CR
SW846 6020/DOD	Reinheimer, Bill	BR
SW846 7470A/DOD	Heakin, David	DH
SW846 7471/DOD	Heakin, David	DH
EPA Moisture	Harshman, Tom	TH
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: 240-18703-1

Client Sample ID: **072SB-0092-0001-SO**

Lab Sample ID: 240-18703-1 Date Sampled: 12/10/2012 1237
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82566.D
Dilution:	1.0			Initial Weight/Volume:	6.844 g
Analysis Date:	12/18/2012 0110			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

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		3.1	J	0.23	4.2
Xylenes, Total		1.3	U	0.56	8.4

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		85 - 120
Dibromofluoromethane (Surr)	93		59 - 138
1,2-Dichloroethane-d4 (Surr)	95		61 - 130
Toluene-d8 (Surr)	90		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076SB-0137-0001-TB**

Lab Sample ID: 240-18703-2 Date Sampled: 12/10/2012 0800
Client Matrix: Water Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX1594.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1447			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1447				

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	J	0.57	10
2-Hexanone	0.50	U	0.41	10
4-Methyl-2-pentanone (MIBK)	0.32	J	0.32	10
Acetone	12		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)	94		85 - 120
1,2-Dichloroethane-d4 (Surr)	90		70 - 120
4-Bromofluorobenzene (Surr)	91		75 - 120
Dibromofluoromethane (Surr)	101		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076SB-0138-0001-TB**

Lab Sample ID: 240-18703-3 Date Sampled: 12/10/2012 0800
Client Matrix: Water Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX1595.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1509			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1509				

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)	0.69	J	0.57	10
2-Hexanone	0.50	U	0.41	10
4-Methyl-2-pentanone (MIBK)	0.50	U	0.32	10
Acetone	14		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)	94		85 - 120
1,2-Dichloroethane-d4 (Surr)	94		70 - 120
4-Bromofluorobenzene (Surr)	91		75 - 120
Dibromofluoromethane (Surr)	102		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076SB-0139-0001-TB**

Lab Sample ID: 240-18703-4 Date Sampled: 12/10/2012 0800
Client Matrix: Water Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX1596.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1531			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1531				

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)	0.64	J	0.57	10
2-Hexanone	0.50	U	0.41	10
4-Methyl-2-pentanone (MIBK)	0.39	J	0.32	10
Acetone	15		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)	93		85 - 120
1,2-Dichloroethane-d4 (Surr)	92		70 - 120
4-Bromofluorobenzene (Surr)	90		75 - 120
Dibromofluoromethane (Surr)	103		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-68905	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82556.D
Dilution:	1.0			Initial Weight/Volume:	6.152 g
Analysis Date:	12/17/2012 1012			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		14	J	6.1	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)		2.9	J	1.3	19
Carbon disulfide		0.48	U	0.42	4.8
Carbon tetrachloride		0.48	U	0.36	4.8
Chlorobenzene		0.48	U	0.32	4.8
Chloroethane		0.96	U	0.83	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	0.35	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	0.61	19
Methylene Chloride		0.96	U	0.64	4.8
4-Methyl-2-pentanone (MIBK)		0.96	U	0.52	19
Methyl tert-butyl ether		0.48	U	0.41	4.8
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		1.7	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	0.38	4.8
Trichloroethene		0.48	U	0.40	4.8
Vinyl chloride		0.48	U	0.38	4.8
Xylenes, Total		1.4	U	0.64	9.6

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	90		85 - 120
Dibromofluoromethane (Surr)	91		59 - 138
1,2-Dichloroethane-d4 (Surr)	91		61 - 130
Toluene-d8 (Surr)	92		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0083-0001-SO**

Lab Sample ID: 240-18703-9 Date Sampled: 12/10/2012 1115
Client Matrix: Solid % Moisture: 14.5 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82567.D
Dilution:	1.0			Initial Weight/Volume:	6.239 g
Analysis Date:	12/18/2012 0131			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.47	U	0.22	4.7
Ethylbenzene		0.47	U	0.24	4.7
Methyl tert-butyl ether		0.47	U	0.40	4.7
Toluene		2.7	J	0.25	4.7
Xylenes, Total		1.4	U	0.63	9.4

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		85 - 120
Dibromofluoromethane (Surr)	90		59 - 138
1,2-Dichloroethane-d4 (Surr)	90		61 - 130
Toluene-d8 (Surr)	91		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0084-0001-SO**

Lab Sample ID: 240-18703-10 Date Sampled: 12/10/2012 1130
Client Matrix: Solid % Moisture: 13.9 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82568.D
Dilution:	1.0			Initial Weight/Volume:	6.016 g
Analysis Date:	12/18/2012 0152			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.48	U	0.22	4.8
Ethylbenzene		0.48	U	0.25	4.8
Methyl tert-butyl ether		0.48	U	0.41	4.8
Toluene		3.5	J	0.26	4.8
Xylenes, Total		1.4	U	0.65	9.7

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	83	Q	85 - 120
Dibromofluoromethane (Surr)	85		59 - 138
1,2-Dichloroethane-d4 (Surr)	82		61 - 130
Toluene-d8 (Surr)	91		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0085-0001-SO**

Lab Sample ID: 240-18703-11 Date Sampled: 12/10/2012 1205
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82569.D
Dilution:	1.0			Initial Weight/Volume:	4.936 g
Analysis Date:	12/18/2012 0214			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.60	U	0.28	6.0
Ethylbenzene		0.60	U	0.31	6.0
Methyl tert-butyl ether		0.60	U	0.52	6.0
Toluene		4.3	J	0.32	6.0
Xylenes, Total		1.8	U	0.80	12

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

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0086-0001-SO**

Lab Sample ID: 240-18703-12 Date Sampled: 12/10/2012 1205
Client Matrix: Solid % Moisture: 12.5 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82570.D
Dilution:	1.0			Initial Weight/Volume:	5.973 g
Analysis Date:	12/18/2012 0235			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.48	U	0.22	4.8
Ethylbenzene		0.48	U	0.25	4.8
Methyl tert-butyl ether		0.48	U	0.41	4.8
Toluene		2.6	J	0.26	4.8
Xylenes, Total		1.4	U	0.64	9.6

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	86		85 - 120
Dibromofluoromethane (Surr)	85		59 - 138
1,2-Dichloroethane-d4 (Surr)	84		61 - 130
Toluene-d8 (Surr)	96		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0087-0001-SO**

Lab Sample ID: 240-18703-13 Date Sampled: 12/10/2012 0910
Client Matrix: Solid % Moisture: 5.8 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82582.D
Dilution:	1.0			Initial Weight/Volume:	4.376 g
Analysis Date:	12/18/2012 0650			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.61	U	0.28	6.1
Ethylbenzene		0.61	U	0.32	6.1
Methyl tert-butyl ether		0.61	U	0.52	6.1
Toluene		6.2		0.33	6.1
Xylenes, Total		1.8	U	0.81	12

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	92		85 - 120
Dibromofluoromethane (Surr)	91		59 - 138
1,2-Dichloroethane-d4 (Surr)	93		61 - 130
Toluene-d8 (Surr)	96		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0088-0001-SO**

Lab Sample ID: 240-18703-14 Date Sampled: 12/10/2012 0930
Client Matrix: Solid % Moisture: 9.0 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82572.D
Dilution:	1.0			Initial Weight/Volume:	5.656 g
Analysis Date:	12/18/2012 0318			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.49	U	0.22	4.9
Ethylbenzene		0.49	U	0.25	4.9
Methyl tert-butyl ether		0.49	U	0.42	4.9
Toluene		5.2		0.26	4.9
Xylenes, Total		1.5	U	0.65	9.7

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		85 - 120
Dibromofluoromethane (Surr)	92		59 - 138
1,2-Dichloroethane-d4 (Surr)	87		61 - 130
Toluene-d8 (Surr)	97		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0089-0001-SO**

Lab Sample ID: 240-18703-15 Date Sampled: 12/10/2012 0940
Client Matrix: Solid % Moisture: 10.0 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82583.D
Dilution:	1.0			Initial Weight/Volume:	4.956 g
Analysis Date:	12/18/2012 0711			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.56	U	0.26	5.6
Ethylbenzene		0.56	U	0.29	5.6
Methyl tert-butyl ether		0.56	U	0.48	5.6
Toluene		3.8	J	0.30	5.6
Xylenes, Total		1.7	U	0.75	11

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	89		85 - 120
Dibromofluoromethane (Surr)	94		59 - 138
1,2-Dichloroethane-d4 (Surr)	90		61 - 130
Toluene-d8 (Surr)	98		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0090-0001-SO**

Lab Sample ID: 240-18703-16 Date Sampled: 12/10/2012 0955
Client Matrix: Solid % Moisture: 9.9 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82574.D
Dilution:	1.0			Initial Weight/Volume:	5.283 g
Analysis Date:	12/18/2012 0400			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.53	U	0.24	5.3
Ethylbenzene		0.53	U	0.27	5.3
Methyl tert-butyl ether		0.53	U	0.45	5.3
Toluene		2.8	J	0.28	5.3
Xylenes, Total		1.6	U	0.70	11

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	91		85 - 120
Dibromofluoromethane (Surr)	88		59 - 138
1,2-Dichloroethane-d4 (Surr)	90		61 - 130
Toluene-d8 (Surr)	94		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0091-0001-SO**

Lab Sample ID: 240-18703-17 Date Sampled: 12/10/2012 1225
Client Matrix: Solid % Moisture: 12.4 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82575.D
Dilution:	1.0			Initial Weight/Volume:	4.376 g
Analysis Date:	12/18/2012 0421			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.65	U	0.30	6.5
Ethylbenzene		0.65	U	0.34	6.5
Methyl tert-butyl ether		0.65	U	0.56	6.5
Toluene		5.0	J	0.35	6.5
Xylenes, Total		2.0	U	0.87	13

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	85		85 - 120
Dibromofluoromethane (Surr)	89		59 - 138
1,2-Dichloroethane-d4 (Surr)	87		61 - 130
Toluene-d8 (Surr)	96		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-68905	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82533.D
Dilution:	1.0			Initial Weight/Volume:	6.517 g
Analysis Date:	12/17/2012 0203			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		0.88	U	0.49	4.4
1,1,2,2-Tetrachloroethane		0.44	U	0.30	4.4
1,1,2-Trichloroethane		0.44	U	0.34	4.4
1,1-Dichloroethane		0.44	U	0.32	4.4
1,1-Dichloroethene		0.88	U	0.46	4.4
1,2-Dibromoethane		0.88	U	0.44	4.4
1,2-Dichloroethane		0.82	J	0.30	4.4
1,2-Dichloroethene, Total		0.88	U	0.68	8.8
1,2-Dichloropropane		0.88	U	0.61	4.4
2-Butanone (MEK)		1.8	U	1.2	18
2-Hexanone		0.88	U	0.55	18
4-Methyl-2-pentanone (MIBK)		0.88	U	0.48	18
Acetone		5.5	U	5.5	18
Benzene		0.44	U	0.20	4.4
Bromochloromethane		0.88	U	0.62	4.4
Bromodichloromethane		0.44	U	0.25	4.4
Bromoform		0.44	U	0.29	4.4
Bromomethane		0.88	U	0.48	4.4
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		0.88	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		0.88	U	0.48	4.4
Ethylbenzene		0.44	U	0.23	4.4
Methyl tert-butyl ether		0.44	U	0.38	4.4
Methylene Chloride		1.0	J	0.59	4.4
Styrene		0.44	U	0.13	4.4
Tetrachloroethene		0.88	U	0.46	4.4
Toluene		3.8	J	0.24	4.4
trans-1,3-Dichloropropene		0.88	U	0.48	4.4
Trichloroethene		0.44	U	0.37	4.4
Vinyl chloride		0.44	U	0.34	4.4
Xylenes, Total		1.3	U	0.59	8.8

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		61 - 130
4-Bromofluorobenzene (Surr)	95		85 - 120
Dibromofluoromethane (Surr)	97		59 - 138
Toluene-d8 (Surr)	94		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0076-0001-SO**

Lab Sample ID: 240-18703-19 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 15.8 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82586.D
Dilution:	1.0			Initial Weight/Volume:	7.383 g
Analysis Date:	12/18/2012 0815			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		9.9		0.19	4.0
Ethylbenzene		22		0.21	4.0
Methyl tert-butyl ether		0.40	U	0.35	4.0
Toluene		52		0.22	4.0
Xylenes, Total		150		0.54	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	92		85 - 120
Dibromofluoromethane (Surr)	87		59 - 138
1,2-Dichloroethane-d4 (Surr)	86		61 - 130
Toluene-d8 (Surr)	104		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0077-0001-SO**

Lab Sample ID: 240-18703-20 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 17.3 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82577.D
Dilution:	1.0			Initial Weight/Volume:	6.546 g
Analysis Date:	12/18/2012 0504			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		1.8	J	0.21	4.6
Ethylbenzene		0.71	J	0.24	4.6
Methyl tert-butyl ether		0.46	U	0.40	4.6
Toluene		6.7		0.25	4.6
Xylenes, Total		5.4	J	0.62	9.2

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	95		85 - 120
Dibromofluoromethane (Surr)	93		59 - 138
1,2-Dichloroethane-d4 (Surr)	96		61 - 130
Toluene-d8 (Surr)	94		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0079-0001-SO**

Lab Sample ID: 240-18703-21 Date Sampled: 12/10/2012 1420
Client Matrix: Solid % Moisture: 23.3 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82578.D
Dilution:	1.0			Initial Weight/Volume:	5.986 g
Analysis Date:	12/18/2012 0525			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		46		0.25	5.4
Ethylbenzene		30		0.28	5.4
Methyl tert-butyl ether		0.54	U	0.47	5.4
Toluene		140		0.29	5.4
Xylenes, Total		230		0.73	11

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	90		85 - 120
Dibromofluoromethane (Surr)	90		59 - 138
1,2-Dichloroethane-d4 (Surr)	85		61 - 130
Toluene-d8 (Surr)	107		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0080-0001-SO**

Lab Sample ID: 240-18703-22 Date Sampled: 12/10/2012 1516
Client Matrix: Solid % Moisture: 15.0 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82579.D
Dilution:	1.0			Initial Weight/Volume:	6.695 g
Analysis Date:	12/18/2012 0546			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		8.9		0.20	4.4
Ethylbenzene		22		0.23	4.4
Methyl tert-butyl ether		0.44	U	0.38	4.4
Toluene		87		0.24	4.4
Xylenes, Total		140		0.59	8.8

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	95		85 - 120
Dibromofluoromethane (Surr)	90		59 - 138
1,2-Dichloroethane-d4 (Surr)	94		61 - 130
Toluene-d8 (Surr)	113		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0081-0001-SO**

Lab Sample ID: 240-18703-23 Date Sampled: 12/10/2012 1450
Client Matrix: Solid % Moisture: 12.0 Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Prep Method:	5035	Prep Batch:	240-68832	Lab File ID:	UX82580.D
Dilution:	1.0			Initial Weight/Volume:	3.588 g
Analysis Date:	12/18/2012 0608			Final Weight/Volume:	5 mL
Prep Date:	12/11/2012 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzene		0.79	U	0.36	7.9
Ethylbenzene		0.79	U	0.41	7.9
Methyl tert-butyl ether		0.79	U	0.68	7.9
Toluene		5.3	J	0.43	7.9
Xylenes, Total		2.4	U	1.1	16

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	88		85 - 120
Dibromofluoromethane (Surr)	94		59 - 138
1,2-Dichloroethane-d4 (Surr)	87		61 - 130
Toluene-d8 (Surr)	101		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030
Client Matrix: Water Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX1591.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1342			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1342				

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	0.58	J	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)	92		85 - 120
1,2-Dichloroethane-d4 (Surr)	89		70 - 120
4-Bromofluorobenzene (Surr)	90		75 - 120
Dibromofluoromethane (Surr)	98		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0141-0001-TB**

Lab Sample ID: 240-18703-25 Date Sampled: 12/09/2012 0800
Client Matrix: Water Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX1597.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1553			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1553				

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)	0.36	J	0.32	10
Acetone	12		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)	92		70 - 120
4-Bromofluorobenzene (Surr)	90		75 - 120
Dibromofluoromethane (Surr)	102		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0142-0001-TB**

Lab Sample ID: 240-18703-26 Date Sampled: 12/09/2012 0800
Client Matrix: Water Date Received: 12/11/2012 1802

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX1598.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1615			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1615				

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)	0.60	J	0.57	10
2-Hexanone	0.50	U	0.41	10
4-Methyl-2-pentanone (MIBK)	0.35	J	0.32	10
Acetone	12		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)	96		85 - 120
1,2-Dichloroethane-d4 (Surr)	92		70 - 120
4-Bromofluorobenzene (Surr)	91		75 - 120
Dibromofluoromethane (Surr)	101		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0092-0001-SO**

Lab Sample ID: 240-18703-1 Date Sampled: 12/10/2012 1237
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224010.D
Dilution:	1.0			Initial Weight/Volume:	30.41 g
Analysis Date:	12/24/2012 1350			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.7	U	3.7	7.5
Acenaphthylene		3.7	U	3.7	7.5
Anthracene		3.7	U	3.7	7.5
Benzo[a]anthracene		3.7	U	3.7	7.5
Benzo[a]pyrene		3.7	U	3.7	7.5
Benzo[b]fluoranthene		3.7	U	3.7	7.5
Benzo[g,h,i]perylene		3.7	U	3.7	7.5
Benzo[k]fluoranthene		3.7	U	3.7	7.5
Chrysene		3.7	U	1.2	7.5
Dibenz(a,h)anthracene		3.7	U	3.7	7.5
Fluoranthene		3.7	U	3.7	7.5
Fluorene		3.7	U	3.7	7.5
Indeno[1,2,3-cd]pyrene		3.7	U	3.7	7.5
Naphthalene		3.7	U	3.7	7.5
Phenanthrene		3.7	U	3.7	7.5
Pyrene		3.7	U	3.7	7.5

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	52		45 - 105
2-Fluorophenol (Surr)	70		35 - 105
Nitrobenzene-d5 (Surr)	57		35 - 100
Phenol-d5 (Surr)	72		40 - 100
Terphenyl-d14 (Surr)	67		30 - 125
2,4,6-Tribromophenol (Surr)	50		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224011.D
Dilution:	1.0			Initial Weight/Volume:	30.28 g
Analysis Date:	12/24/2012 1415			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.9	U	3.9	7.8
Acenaphthylene		3.9	U	3.9	7.8
Anthracene		8.8		3.9	7.8
Benzo[a]anthracene		17		3.9	7.8
Benzo[a]pyrene		9.6		3.9	7.8
Benzo[b]fluoranthene		13		3.9	7.8
Benzo[g,h,i]perylene		17	M	3.9	7.8
Benzoic acid		390	U	390	770
Benzo[k]fluoranthene		5.6	J	3.9	7.8
Benzyl alcohol		32	U	25	390
Bis(2-chloroethoxy)methane		32	U	26	120
Bis(2-chloroethyl)ether		3.9	U	2.3	120
bis (2-chloroisopropyl) ether		32	U	11	120
Bis(2-ethylhexyl) phthalate		32	U	22	59
4-Bromophenyl phenyl ether		32	U	15	59
Butyl benzyl phthalate		32	U	12	59
Carbazole		32	U	32	59
4-Chloroaniline		32	U	20	180
4-Chloro-3-methylphenol		32	U	25	180
2-Chloronaphthalene		3.9	U	3.9	59
2-Chlorophenol		32	U	32	59
4-Chlorophenyl phenyl ether		32	U	15	59
Chrysene		9.2		1.3	7.8
Dibenz(a,h)anthracene		3.9	U	3.9	7.8
Dibenzofuran		12	J	3.9	59
1,2-Dichlorobenzene		32	U	11	59
1,3-Dichlorobenzene		32	U	13	59
1,4-Dichlorobenzene		32	U	23	59
3,3'-Dichlorobenzidine		94	U	21	120
2,4-Dichlorophenol		32	U	23	180
Diethyl phthalate		32	U	19	59
2,4-Dimethylphenol		94	U	23	180
Dimethyl phthalate		32	U	20	59
Di-n-butyl phthalate		32	U	18	59
4,6-Dinitro-2-methylphenol		94	U	94	180
2,4-Dinitrophenol		94	U	94	390
2,4-Dinitrotoluene		32	U	32	230
2,6-Dinitrotoluene		32	U	25	230
Di-n-octyl phthalate		32	U	32	59
Fluoranthene		15		3.9	7.8
Fluorene		11		3.9	7.8
Hexachlorobenzene		3.9	U	2.5	7.8
Hexachlorobutadiene		32	U	32	59
Hexachlorocyclopentadiene		32	U	32	390
Hexachloroethane		32	U	11	59
Indeno[1,2,3-cd]pyrene		7.6	J M	3.9	7.8

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224011.D
Dilution:	1.0			Initial Weight/Volume:	30.28 g
Analysis Date:	12/24/2012 1415			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		32	U	15	59
2-Methylnaphthalene		17		3.9	7.8
2-Methylphenol		94	U	94	230
3 & 4 Methylphenol		94	U	23	470
Naphthalene		7.0	J	3.9	7.8
2-Nitroaniline		32	U	11	230
3-Nitroaniline		94	U	19	230
4-Nitroaniline		32	U	30	230
Nitrobenzene		3.9	U	2.6	120
2-Nitrophenol		32	U	32	59
4-Nitrophenol		94	U	94	390
N-Nitrosodi-n-propylamine		32	U	32	59
N-Nitrosodiphenylamine		32	U	25	59
Pentachlorophenol		94	U	94	180
Phenanthrene		20		3.9	7.8
Phenol		32	U	32	59
Pyrene		22		3.9	7.8
1,2,4-Trichlorobenzene		32	U	32	59
2,4,5-Trichlorophenol		32	U	29	180
2,4,6-Trichlorophenol		94	U	94	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	50		45 - 105
2-Fluorophenol (Surr)	72		35 - 105
Nitrobenzene-d5 (Surr)	57		35 - 100
Phenol-d5 (Surr)	69		40 - 100
Terphenyl-d14 (Surr)	70		30 - 125
2,4,6-Tribromophenol (Surr)	57		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0083-0001-SO**

Lab Sample ID: 240-18703-9 Date Sampled: 12/10/2012 1115
Client Matrix: Solid % Moisture: 14.5 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224012.D
Dilution:	1.0			Initial Weight/Volume:	30.45 g
Analysis Date:	12/24/2012 1439			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.8	U	3.8	7.7
Acenaphthylene		3.8	U	3.8	7.7
Anthracene		3.8	U	3.8	7.7
Benzo[a]anthracene		3.8	U	3.8	7.7
Benzo[a]pyrene		3.8	U	3.8	7.7
Benzo[b]fluoranthene		3.8	U	3.8	7.7
Benzo[g,h,i]perylene		3.8	U	3.8	7.7
Benzoic acid		380	U	380	760
Benzo[k]fluoranthene		3.8	U	3.8	7.7
Benzyl alcohol		31	U	24	380
Bis(2-chloroethoxy)methane		31	U	25	120
Bis(2-chloroethyl)ether		3.8	U	2.3	120
bis (2-chloroisopropyl) ether		31	U	11	120
Bis(2-ethylhexyl) phthalate		31	U	22	58
4-Bromophenyl phenyl ether		31	U	15	58
Butyl benzyl phthalate		31	U	12	58
Carbazole		31	U	31	58
4-Chloroaniline		31	U	20	170
4-Chloro-3-methylphenol		31	U	24	170
2-Chloronaphthalene		3.8	U	3.8	58
2-Chlorophenol		31	U	31	58
4-Chlorophenyl phenyl ether		31	U	15	58
Chrysene		3.8	U	1.3	7.7
Dibenz(a,h)anthracene		3.8	U	3.8	7.7
Dibenzofuran		3.8	U	3.8	58
1,2-Dichlorobenzene		31	U	11	58
1,3-Dichlorobenzene		31	U	13	58
1,4-Dichlorobenzene		31	U	23	58
3,3'-Dichlorobenzidine		92	U	21	120
2,4-Dichlorophenol		31	U	23	170
Diethyl phthalate		31	U	18	58
2,4-Dimethylphenol		92	U	23	170
Dimethyl phthalate		31	U	20	58
Di-n-butyl phthalate		31	U	17	58
4,6-Dinitro-2-methylphenol		92	U	92	170
2,4-Dinitrophenol		92	U	92	380
2,4-Dinitrotoluene		31	U	31	230
2,6-Dinitrotoluene		31	U	24	230
Di-n-octyl phthalate		31	U	31	58
Fluoranthene		3.8	U	3.8	7.7
Fluorene		3.8	U	3.8	7.7
Hexachlorobenzene		3.8	U	2.4	7.7
Hexachlorobutadiene		31	U	31	58
Hexachlorocyclopentadiene		31	U	31	380
Hexachloroethane		31	U	10	58
Indeno[1,2,3-cd]pyrene		3.8	U	3.8	7.7

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0083-0001-SO**

Lab Sample ID: 240-18703-9 Date Sampled: 12/10/2012 1115
Client Matrix: Solid % Moisture: 14.5 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224012.D
Dilution:	1.0			Initial Weight/Volume:	30.45 g
Analysis Date:	12/24/2012 1439			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		31	U	15	58
2-Methylnaphthalene		3.8	U	3.8	7.7
2-Methylphenol		92	U	92	230
3 & 4 Methylphenol		92	U	23	460
Naphthalene		3.8	U	3.8	7.7
2-Nitroaniline		31	U	10	230
3-Nitroaniline		92	U	18	230
4-Nitroaniline		31	U	30	230
Nitrobenzene		3.8	U	2.5	120
2-Nitrophenol		31	U	31	58
4-Nitrophenol		92	U	92	380
N-Nitrosodi-n-propylamine		31	U	31	58
N-Nitrosodiphenylamine		31	U	24	58
Pentachlorophenol		92	U	92	170
Phenanthrene		3.8	U	3.8	7.7
Phenol		31	U	31	58
Pyrene		3.8	U	3.8	7.7
1,2,4-Trichlorobenzene		31	U	31	58
2,4,5-Trichlorophenol		31	U	29	170
2,4,6-Trichlorophenol		92	U	92	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	53		45 - 105
2-Fluorophenol (Surr)	71		35 - 105
Nitrobenzene-d5 (Surr)	59		35 - 100
Phenol-d5 (Surr)	73		40 - 100
Terphenyl-d14 (Surr)	66		30 - 125
2,4,6-Tribromophenol (Surr)	53		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0084-0001-SO**

Lab Sample ID: 240-18703-10 Date Sampled: 12/10/2012 1130
Client Matrix: Solid % Moisture: 13.9 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224013.D
Dilution:	1.0			Initial Weight/Volume:	30.15 g
Analysis Date:	12/24/2012 1504			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.8	U	3.8	7.7
Acenaphthylene		3.8	U	3.8	7.7
Anthracene		3.8	U	3.8	7.7
Benzo[a]anthracene		3.8	U	3.8	7.7
Benzo[a]pyrene		3.8	U	3.8	7.7
Benzo[b]fluoranthene		3.8	U	3.8	7.7
Benzo[g,h,i]perylene		3.8	U	3.8	7.7
Benzoic acid		380	U	380	760
Benzo[k]fluoranthene		3.8	U	3.8	7.7
Benzyl alcohol		31	U	24	380
Bis(2-chloroethoxy)methane		31	U	25	120
Bis(2-chloroethyl)ether		3.8	U	2.3	120
bis (2-chloroisopropyl) ether		31	U	11	120
Bis(2-ethylhexyl) phthalate		31	U	22	58
4-Bromophenyl phenyl ether		31	U	15	58
Butyl benzyl phthalate		31	U	12	58
Carbazole		31	U	31	58
4-Chloroaniline		31	U	20	170
4-Chloro-3-methylphenol		31	U	24	170
2-Chloronaphthalene		3.8	U	3.8	58
2-Chlorophenol		31	U	31	58
4-Chlorophenyl phenyl ether		31	U	15	58
Chrysene		5.3	J M	1.3	7.7
Dibenz(a,h)anthracene		3.8	U	3.8	7.7
Dibenzofuran		3.8	U	3.8	58
1,2-Dichlorobenzene		31	U	11	58
1,3-Dichlorobenzene		31	U	13	58
1,4-Dichlorobenzene		31	U	23	58
3,3'-Dichlorobenzidine		92	U	21	120
2,4-Dichlorophenol		31	U	23	170
Diethyl phthalate		31	U	18	58
2,4-Dimethylphenol		92	U	23	170
Dimethyl phthalate		31	U	20	58
Di-n-butyl phthalate		31	U	17	58
4,6-Dinitro-2-methylphenol		92	U	92	170
2,4-Dinitrophenol		92	U	92	380
2,4-Dinitrotoluene		31	U	31	230
2,6-Dinitrotoluene		31	U	24	230
Di-n-octyl phthalate		31	U	31	58
Fluoranthene		3.8	U	3.8	7.7
Fluorene		3.8	U	3.8	7.7
Hexachlorobenzene		3.8	U	2.4	7.7
Hexachlorobutadiene		31	U	31	58
Hexachlorocyclopentadiene		31	U	31	380
Hexachloroethane		31	U	10	58
Indeno[1,2,3-cd]pyrene		3.8	U	3.8	7.7

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0084-0001-SO**

Lab Sample ID: 240-18703-10 Date Sampled: 12/10/2012 1130
Client Matrix: Solid % Moisture: 13.9 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224013.D
Dilution:	1.0			Initial Weight/Volume:	30.15 g
Analysis Date:	12/24/2012 1504			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		31	U	15	58
2-Methylnaphthalene		3.8	U	3.8	7.7
2-Methylphenol		92	U	92	230
3 & 4 Methylphenol		92	U	23	460
Naphthalene		3.8	U	3.8	7.7
2-Nitroaniline		31	U	11	230
3-Nitroaniline		92	U	18	230
4-Nitroaniline		31	U	30	230
Nitrobenzene		3.8	U	2.5	120
2-Nitrophenol		31	U	31	58
4-Nitrophenol		92	U	92	380
N-Nitrosodi-n-propylamine		31	U	31	58
N-Nitrosodiphenylamine		31	U	24	58
Pentachlorophenol		92	U	92	170
Phenanthrene		8.9		3.8	7.7
Phenol		31	U	31	58
Pyrene		3.8	U	3.8	7.7
1,2,4-Trichlorobenzene		31	U	31	58
2,4,5-Trichlorophenol		31	U	29	170
2,4,6-Trichlorophenol		92	U	92	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	56		45 - 105
2-Fluorophenol (Surr)	77		35 - 105
Nitrobenzene-d5 (Surr)	65		35 - 100
Phenol-d5 (Surr)	77		40 - 100
Terphenyl-d14 (Surr)	70		30 - 125
2,4,6-Tribromophenol (Surr)	50		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0085-0001-SO**

Lab Sample ID: 240-18703-11 Date Sampled: 12/10/2012 1205
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224014.D
Dilution:	1.0			Initial Weight/Volume:	30.35 g
Analysis Date:	12/24/2012 1529			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.9	U	3.9	7.8
Acenaphthylene		3.9	U	3.9	7.8
Anthracene		3.9	U	3.9	7.8
Benzo[a]anthracene		3.9	U	3.9	7.8
Benzo[a]pyrene		3.9	U	3.9	7.8
Benzo[b]fluoranthene		3.9	U	3.9	7.8
Benzo[g,h,i]perylene		3.9	U	3.9	7.8
Benzoic acid		390	U	390	770
Benzo[k]fluoranthene		3.9	U	3.9	7.8
Benzyl alcohol		32	U	25	390
Bis(2-chloroethoxy)methane		32	U	26	120
Bis(2-chloroethyl)ether		3.9	U	2.3	120
bis (2-chloroisopropyl) ether		32	U	11	120
Bis(2-ethylhexyl) phthalate		32	U	22	58
4-Bromophenyl phenyl ether		32	U	15	58
Butyl benzyl phthalate		32	U	12	58
Carbazole		32	U	32	58
4-Chloroaniline		32	U	20	180
4-Chloro-3-methylphenol		32	U	25	180
2-Chloronaphthalene		3.9	U	3.9	58
2-Chlorophenol		32	U	32	58
4-Chlorophenyl phenyl ether		32	U	15	58
Chrysene		3.9	U	1.3	7.8
Dibenz(a,h)anthracene		3.9	U	3.9	7.8
Dibenzofuran		3.9	U	3.9	58
1,2-Dichlorobenzene		32	U	11	58
1,3-Dichlorobenzene		32	U	13	58
1,4-Dichlorobenzene		32	U	23	58
3,3'-Dichlorobenzidine		94	U	21	120
2,4-Dichlorophenol		32	U	23	180
Diethyl phthalate		32	U	19	58
2,4-Dimethylphenol		94	U	23	180
Dimethyl phthalate		32	U	20	58
Di-n-butyl phthalate		32	U	18	58
4,6-Dinitro-2-methylphenol		94	U	94	180
2,4-Dinitrophenol		94	U	94	390
2,4-Dinitrotoluene		32	U	32	230
2,6-Dinitrotoluene		32	U	25	230
Di-n-octyl phthalate		32	U	32	58
Fluoranthene		3.9	U	3.9	7.8
Fluorene		3.9	U	3.9	7.8
Hexachlorobenzene		3.9	U	2.5	7.8
Hexachlorobutadiene		32	U	32	58
Hexachlorocyclopentadiene		32	U	32	390
Hexachloroethane		32	U	11	58
Indeno[1,2,3-cd]pyrene		3.9	U	3.9	7.8

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0085-0001-SO**

Lab Sample ID: 240-18703-11 Date Sampled: 12/10/2012 1205
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224014.D
Dilution:	1.0			Initial Weight/Volume:	30.35 g
Analysis Date:	12/24/2012 1529			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		32	U	15	58
2-Methylnaphthalene		3.9	U	3.9	7.8
2-Methylphenol		94	U	94	230
3 & 4 Methylphenol		94	U	23	470
Naphthalene		3.9	U	3.9	7.8
2-Nitroaniline		32	U	11	230
3-Nitroaniline		94	U	19	230
4-Nitroaniline		32	U	30	230
Nitrobenzene		3.9	U	2.6	120
2-Nitrophenol		32	U	32	58
4-Nitrophenol		94	U	94	390
N-Nitrosodi-n-propylamine		32	U	32	58
N-Nitrosodiphenylamine		32	U	25	58
Pentachlorophenol		94	U	94	180
Phenanthrene		3.9	U	3.9	7.8
Phenol		32	U	32	58
Pyrene		3.9	U	3.9	7.8
1,2,4-Trichlorobenzene		32	U	32	58
2,4,5-Trichlorophenol		32	U	29	180
2,4,6-Trichlorophenol		94	U	94	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	55		45 - 105
2-Fluorophenol (Surr)	75		35 - 105
Nitrobenzene-d5 (Surr)	64		35 - 100
Phenol-d5 (Surr)	79		40 - 100
Terphenyl-d14 (Surr)	71		30 - 125
2,4,6-Tribromophenol (Surr)	47		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0086-0001-SO**

Lab Sample ID: 240-18703-12 Date Sampled: 12/10/2012 1205
Client Matrix: Solid % Moisture: 12.5 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224015.D
Dilution:	1.0			Initial Weight/Volume:	29.67 g
Analysis Date:	12/24/2012 1554			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.8	U	3.8	7.7
Acenaphthylene		3.8	U	3.8	7.7
Anthracene		3.8	U	3.8	7.7
Benzo[a]anthracene		3.8	U	3.8	7.7
Benzo[a]pyrene		3.8	U	3.8	7.7
Benzo[b]fluoranthene		3.8	U	3.8	7.7
Benzo[g,h,i]perylene		3.8	U	3.8	7.7
Benzoic acid		380	U	380	760
Benzo[k]fluoranthene		3.8	U	3.8	7.7
Benzyl alcohol		31	U	24	380
Bis(2-chloroethoxy)methane		31	U	25	120
Bis(2-chloroethyl)ether		3.8	U	2.3	120
bis (2-chloroisopropyl) ether		31	U	11	120
Bis(2-ethylhexyl) phthalate		31	U	22	58
4-Bromophenyl phenyl ether		31	U	15	58
Butyl benzyl phthalate		31	U	12	58
Carbazole		31	U	31	58
4-Chloroaniline		31	U	20	170
4-Chloro-3-methylphenol		31	U	24	170
2-Chloronaphthalene		3.8	U	3.8	58
2-Chlorophenol		31	U	31	58
4-Chlorophenyl phenyl ether		31	U	15	58
Chrysene		3.8	U	1.3	7.7
Dibenz(a,h)anthracene		3.8	U	3.8	7.7
Dibenzofuran		3.8	U	3.8	58
1,2-Dichlorobenzene		31	U	11	58
1,3-Dichlorobenzene		31	U	13	58
1,4-Dichlorobenzene		31	U	23	58
3,3'-Dichlorobenzidine		92	U	21	120
2,4-Dichlorophenol		31	U	23	170
Diethyl phthalate		31	U	18	58
2,4-Dimethylphenol		92	U	23	170
Dimethyl phthalate		31	U	20	58
Di-n-butyl phthalate		31	U	17	58
4,6-Dinitro-2-methylphenol		92	U	92	170
2,4-Dinitrophenol		92	U	92	380
2,4-Dinitrotoluene		31	U	31	230
2,6-Dinitrotoluene		31	U	24	230
Di-n-octyl phthalate		31	U	31	58
Fluoranthene		3.8	U	3.8	7.7
Fluorene		3.8	U	3.8	7.7
Hexachlorobenzene		3.8	U	2.4	7.7
Hexachlorobutadiene		31	U	31	58
Hexachlorocyclopentadiene		31	U	31	380
Hexachloroethane		31	U	10	58
Indeno[1,2,3-cd]pyrene		3.8	U	3.8	7.7

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0086-0001-SO**

Lab Sample ID: 240-18703-12 Date Sampled: 12/10/2012 1205
Client Matrix: Solid % Moisture: 12.5 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224015.D
Dilution:	1.0			Initial Weight/Volume:	29.67 g
Analysis Date:	12/24/2012 1554			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		31	U	15	58
2-Methylnaphthalene		3.8	U	3.8	7.7
2-Methylphenol		92	U	92	230
3 & 4 Methylphenol		92	U	23	460
Naphthalene		3.8	U	3.8	7.7
2-Nitroaniline		31	U	11	230
3-Nitroaniline		92	U	18	230
4-Nitroaniline		31	U	30	230
Nitrobenzene		3.8	U	2.5	120
2-Nitrophenol		31	U	31	58
4-Nitrophenol		92	U	92	380
N-Nitrosodi-n-propylamine		31	U	31	58
N-Nitrosodiphenylamine		31	U	24	58
Pentachlorophenol		92	U	92	170
Phenanthrene		3.8	U	3.8	7.7
Phenol		31	U	31	58
Pyrene		3.8	U	3.8	7.7
1,2,4-Trichlorobenzene		31	U	31	58
2,4,5-Trichlorophenol		31	U	29	170
2,4,6-Trichlorophenol		92	U	92	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	57		45 - 105
2-Fluorophenol (Surr)	78		35 - 105
Nitrobenzene-d5 (Surr)	61		35 - 100
Phenol-d5 (Surr)	77		40 - 100
Terphenyl-d14 (Surr)	69		30 - 125
2,4,6-Tribromophenol (Surr)	47		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0087-0001-SO**

Lab Sample ID: 240-18703-13 Date Sampled: 12/10/2012 0910
Client Matrix: Solid % Moisture: 5.8 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224016.D
Dilution:	1.0			Initial Weight/Volume:	29.52 g
Analysis Date:	12/24/2012 1619			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.6	U	3.6	7.2
Acenaphthylene		3.6	U	3.6	7.2
Anthracene		3.6	U	3.6	7.2
Benzo[a]anthracene		13		3.6	7.2
Benzo[a]pyrene		3.6	U	3.6	7.2
Benzo[b]fluoranthene		9.3	M	3.6	7.2
Benzo[g,h,i]perylene		3.6	U	3.6	7.2
Benzoic acid		360	U	360	710
Benzo[k]fluoranthene		3.6	J	3.6	7.2
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		29	U	20	54
4-Bromophenyl phenyl ether		29	U	14	54
Butyl benzyl phthalate		29	U	11	54
Carbazole		29	U	29	54
4-Chloroaniline		29	U	18	160
4-Chloro-3-methylphenol		29	U	23	160
2-Chloronaphthalene		3.6	U	3.6	54
2-Chlorophenol		29	U	29	54
4-Chlorophenyl phenyl ether		29	U	14	54
Chrysene		5.5	J	1.2	7.2
Dibenz(a,h)anthracene		3.6	U	3.6	7.2
Dibenzofuran		3.6	U	3.6	54
1,2-Dichlorobenzene		29	U	10	54
1,3-Dichlorobenzene		29	U	12	54
1,4-Dichlorobenzene		29	U	22	54
3,3'-Dichlorobenzidine		86	U	19	110
2,4-Dichlorophenol		29	U	22	160
Diethyl phthalate		29	U	17	54
2,4-Dimethylphenol		86	U	22	160
Dimethyl phthalate		29	U	18	54
Di-n-butyl phthalate		29	U	16	54
4,6-Dinitro-2-methylphenol		86	U	86	160
2,4-Dinitrophenol		86	U	86	360
2,4-Dinitrotoluene		29	U	29	220
2,6-Dinitrotoluene		29	U	23	220
Di-n-octyl phthalate		29	U	29	54
Fluoranthene		12		3.6	7.2
Fluorene		3.6	U	3.6	7.2
Hexachlorobenzene		3.6	U	2.3	7.2
Hexachlorobutadiene		29	U	29	54
Hexachlorocyclopentadiene		29	U	29	360
Hexachloroethane		29	U	9.7	54
Indeno[1,2,3-cd]pyrene		3.6	U	3.6	7.2

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0087-0001-SO**

Lab Sample ID: 240-18703-13 Date Sampled: 12/10/2012 0910
Client Matrix: Solid % Moisture: 5.8 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224016.D
Dilution:	1.0			Initial Weight/Volume:	29.52 g
Analysis Date:	12/24/2012 1619			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		29	U	14	54
2-Methylnaphthalene		3.9	J	3.6	7.2
2-Methylphenol		86	U	86	220
3 & 4 Methylphenol		86	U	22	430
Naphthalene		3.6	U	3.6	7.2
2-Nitroaniline		29	U	9.8	220
3-Nitroaniline		86	U	17	220
4-Nitroaniline		29	U	28	220
Nitrobenzene		3.6	U	2.4	110
2-Nitrophenol		29	U	29	54
4-Nitrophenol		86	U	86	360
N-Nitrosodi-n-propylamine		29	U	29	54
N-Nitrosodiphenylamine		29	U	23	54
Pentachlorophenol		86	U	86	160
Phenanthrene		3.6	J	3.6	7.2
Phenol		29	U	29	54
Pyrene		7.6		3.6	7.2
1,2,4-Trichlorobenzene		29	U	29	54
2,4,5-Trichlorophenol		29	U	27	160
2,4,6-Trichlorophenol		86	U	86	160

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	54		45 - 105
2-Fluorophenol (Surr)	77		35 - 105
Nitrobenzene-d5 (Surr)	61		35 - 100
Phenol-d5 (Surr)	74		40 - 100
Terphenyl-d14 (Surr)	64		30 - 125
2,4,6-Tribromophenol (Surr)	53		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0088-0001-SO**

Lab Sample ID: 240-18703-14 Date Sampled: 12/10/2012 0930
Client Matrix: Solid % Moisture: 9.0 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224017.D
Dilution:	1.0			Initial Weight/Volume:	30.31 g
Analysis Date:	12/24/2012 1644			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			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		29	U	21	54
4-Bromophenyl phenyl ether		29	U	14	54
Butyl benzyl phthalate		29	U	11	54
Carbazole		29	U	29	54
4-Chloroaniline		29	U	18	160
4-Chloro-3-methylphenol		29	U	23	160
2-Chloronaphthalene		3.6	U	3.6	54
2-Chlorophenol		29	U	29	54
4-Chlorophenyl phenyl ether		29	U	14	54
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	54
1,2-Dichlorobenzene		29	U	11	54
1,3-Dichlorobenzene		29	U	12	54
1,4-Dichlorobenzene		29	U	22	54
3,3'-Dichlorobenzidine		87	U	20	110
2,4-Dichlorophenol		29	U	22	160
Diethyl phthalate		29	U	17	54
2,4-Dimethylphenol		87	U	22	160
Dimethyl phthalate		29	U	18	54
Di-n-butyl phthalate		29	U	16	54
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	54
Fluoranthene		12		3.6	7.3
Fluorene		5.6	J	3.6	7.3
Hexachlorobenzene		3.6	U	2.3	7.3
Hexachlorobutadiene		29	U	29	54
Hexachlorocyclopentadiene		29	U	29	360
Hexachloroethane		29	U	9.8	54
Indeno[1,2,3-cd]pyrene		3.6	U	3.6	7.3

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0088-0001-SO**

Lab Sample ID: 240-18703-14 Date Sampled: 12/10/2012 0930
Client Matrix: Solid % Moisture: 9.0 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224017.D
Dilution:	1.0			Initial Weight/Volume:	30.31 g
Analysis Date:	12/24/2012 1644			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		29	U	14	54
2-Methylnaphthalene		3.6	U	3.6	7.3
2-Methylphenol		87	U	87	220
3 & 4 Methylphenol		87	U	22	430
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	54
4-Nitrophenol		87	U	87	360
N-Nitrosodi-n-propylamine		29	U	29	54
N-Nitrosodiphenylamine		29	U	23	54
Pentachlorophenol		87	U	87	160
Phenanthrene		3.6	U	3.6	7.3
Phenol		29	U	29	54
Pyrene		10		3.6	7.3
1,2,4-Trichlorobenzene		29	U	29	54
2,4,5-Trichlorophenol		29	U	27	160
2,4,6-Trichlorophenol		87	U	87	160

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		45 - 105
2-Fluorophenol (Surr)	76		35 - 105
Nitrobenzene-d5 (Surr)	56		35 - 100
Phenol-d5 (Surr)	74		40 - 100
Terphenyl-d14 (Surr)	62		30 - 125
2,4,6-Tribromophenol (Surr)	62		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0089-0001-SO**

Lab Sample ID: 240-18703-15 Date Sampled: 12/10/2012 0940
Client Matrix: Solid % Moisture: 10.0 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224018.D
Dilution:	1.0			Initial Weight/Volume:	29.77 g
Analysis Date:	12/24/2012 1709			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.7	U	3.7	7.5
Acenaphthylene		3.7	U	3.7	7.5
Anthracene		3.7	U	3.7	7.5
Benzo[a]anthracene		3.7	U	3.7	7.5
Benzo[a]pyrene		3.7	U	3.7	7.5
Benzo[b]fluoranthene		3.7	U	3.7	7.5
Benzo[g,h,i]perylene		3.7	U	3.7	7.5
Benzoic acid		370	U	370	740
Benzo[k]fluoranthene		3.7	U	3.7	7.5
Benzyl alcohol		30	U	24	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	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	24	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	7.5
Dibenz(a,h)anthracene		3.7	U	3.7	7.5
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		90	U	20	110
2,4-Dichlorophenol		30	U	22	170
Diethyl phthalate		30	U	18	56
2,4-Dimethylphenol		90	U	22	170
Dimethyl phthalate		30	U	19	56
Di-n-butyl phthalate		30	U	17	56
4,6-Dinitro-2-methylphenol		90	U	90	170
2,4-Dinitrophenol		90	U	90	370
2,4-Dinitrotoluene		30	U	30	220
2,6-Dinitrotoluene		30	U	24	220
Di-n-octyl phthalate		30	U	30	56
Fluoranthene		5.5	J	3.7	7.5
Fluorene		3.7	U	3.7	7.5
Hexachlorobenzene		3.7	U	2.4	7.5
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	7.5

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0089-0001-SO**

Lab Sample ID: 240-18703-15 Date Sampled: 12/10/2012 0940
Client Matrix: Solid % Moisture: 10.0 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224018.D
Dilution:	1.0			Initial Weight/Volume:	29.77 g
Analysis Date:	12/24/2012 1709			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			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	7.5
2-Methylphenol		90	U	90	220
3 & 4 Methylphenol		90	U	22	450
Naphthalene		3.7	U	3.7	7.5
2-Nitroaniline		30	U	10	220
3-Nitroaniline		90	U	18	220
4-Nitroaniline		30	U	29	220
Nitrobenzene		3.7	U	2.5	110
2-Nitrophenol		30	U	30	56
4-Nitrophenol		90	U	90	370
N-Nitrosodi-n-propylamine		30	U	30	56
N-Nitrosodiphenylamine		30	U	24	56
Pentachlorophenol		90	U	90	170
Phenanthrene		4.1	J	3.7	7.5
Phenol		30	U	30	56
Pyrene		3.9	J	3.7	7.5
1,2,4-Trichlorobenzene		30	U	30	56
2,4,5-Trichlorophenol		30	U	28	170
2,4,6-Trichlorophenol		90	U	90	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		45 - 105
2-Fluorophenol (Surr)	70		35 - 105
Nitrobenzene-d5 (Surr)	56		35 - 100
Phenol-d5 (Surr)	69		40 - 100
Terphenyl-d14 (Surr)	63		30 - 125
2,4,6-Tribromophenol (Surr)	52		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0090-0001-SO**

Lab Sample ID: 240-18703-16 Date Sampled: 12/10/2012 0955
Client Matrix: Solid % Moisture: 9.9 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224019.D
Dilution:	1.0			Initial Weight/Volume:	29.64 g
Analysis Date:	12/24/2012 1734			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.7	U	3.7	7.5
Acenaphthylene		3.7	U	3.7	7.5
Anthracene		3.7	U	3.7	7.5
Benzo[a]anthracene		11		3.7	7.5
Benzo[a]pyrene		3.7	U	3.7	7.5
Benzo[b]fluoranthene		3.7	U	3.7	7.5
Benzo[g,h,i]perylene		3.7	U	3.7	7.5
Benzoic acid		370	U	370	740
Benzo[k]fluoranthene		3.7	U	3.7	7.5
Benzyl alcohol		30	U	24	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		28	J	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	24	170
2-Chloronaphthalene		3.7	U	3.7	56
2-Chlorophenol		30	U	30	56
4-Chlorophenyl phenyl ether		30	U	15	56
Chrysene		4.0	J	1.2	7.5
Dibenz(a,h)anthracene		3.7	U	3.7	7.5
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		90	U	20	110
2,4-Dichlorophenol		30	U	22	170
Diethyl phthalate		30	U	18	56
2,4-Dimethylphenol		90	U	22	170
Dimethyl phthalate		30	U	19	56
Di-n-butyl phthalate		30	U	17	56
4,6-Dinitro-2-methylphenol		90	U	90	170
2,4-Dinitrophenol		90	U	90	370
2,4-Dinitrotoluene		30	U	30	220
2,6-Dinitrotoluene		30	U	24	220
Di-n-octyl phthalate		30	U	30	56
Fluoranthene		6.3	J	3.7	7.5
Fluorene		3.7	U	3.7	7.5
Hexachlorobenzene		3.7	U	2.4	7.5
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	7.5

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0090-0001-SO**

Lab Sample ID: 240-18703-16 Date Sampled: 12/10/2012 0955
Client Matrix: Solid % Moisture: 9.9 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224019.D
Dilution:	1.0			Initial Weight/Volume:	29.64 g
Analysis Date:	12/24/2012 1734			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			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	7.5
2-Methylphenol		90	U	90	220
3 & 4 Methylphenol		90	U	22	450
Naphthalene		3.7	U	3.7	7.5
2-Nitroaniline		30	U	10	220
3-Nitroaniline		90	U	18	220
4-Nitroaniline		30	U	29	220
Nitrobenzene		3.7	U	2.5	110
2-Nitrophenol		30	U	30	56
4-Nitrophenol		90	U	90	370
N-Nitrosodi-n-propylamine		30	U	30	56
N-Nitrosodiphenylamine		30	U	24	56
Pentachlorophenol		90	U	90	170
Phenanthrene		4.5	J	3.7	7.5
Phenol		30	U	30	56
Pyrene		5.0	J	3.7	7.5
1,2,4-Trichlorobenzene		30	U	30	56
2,4,5-Trichlorophenol		30	U	28	170
2,4,6-Trichlorophenol		90	U	90	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	50		45 - 105
2-Fluorophenol (Surr)	72		35 - 105
Nitrobenzene-d5 (Surr)	59		35 - 100
Phenol-d5 (Surr)	70		40 - 100
Terphenyl-d14 (Surr)	63		30 - 125
2,4,6-Tribromophenol (Surr)	61		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0091-0001-SO**

Lab Sample ID: 240-18703-17 Date Sampled: 12/10/2012 1225
Client Matrix: Solid % Moisture: 12.4 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224020.D
Dilution:	1.0			Initial Weight/Volume:	30.27 g
Analysis Date:	12/24/2012 1759			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.7	U	3.7	7.5
Acenaphthylene		3.7	U	3.7	7.5
Anthracene		3.7	U	3.7	7.5
Benzo[a]anthracene		3.7	U	3.7	7.5
Benzo[a]pyrene		3.7	U	3.7	7.5
Benzo[b]fluoranthene		3.7	U	3.7	7.5
Benzo[g,h,i]perylene		3.7	U	3.7	7.5
Benzoic acid		380	U	380	750
Benzo[k]fluoranthene		3.7	U	3.7	7.5
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		31	U	21	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	7.5
Dibenz(a,h)anthracene		3.7	U	3.7	7.5
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		90	U	20	110
2,4-Dichlorophenol		31	U	23	170
Diethyl phthalate		31	U	18	57
2,4-Dimethylphenol		90	U	23	170
Dimethyl phthalate		31	U	19	57
Di-n-butyl phthalate		31	U	17	57
4,6-Dinitro-2-methylphenol		90	U	90	170
2,4-Dinitrophenol		90	U	90	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	7.5
Fluorene		3.7	U	3.7	7.5
Hexachlorobenzene		3.7	U	2.4	7.5
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	7.5

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0091-0001-SO**

Lab Sample ID: 240-18703-17 Date Sampled: 12/10/2012 1225
Client Matrix: Solid % Moisture: 12.4 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224020.D
Dilution:	1.0			Initial Weight/Volume:	30.27 g
Analysis Date:	12/24/2012 1759			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			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	7.5
2-Methylphenol		90	U	90	230
3 & 4 Methylphenol		90	U	23	450
Naphthalene		3.7	U	3.7	7.5
2-Nitroaniline		31	U	10	230
3-Nitroaniline		90	U	18	230
4-Nitroaniline		31	U	29	230
Nitrobenzene		3.7	U	2.5	110
2-Nitrophenol		31	U	31	57
4-Nitrophenol		90	U	90	370
N-Nitrosodi-n-propylamine		31	U	31	57
N-Nitrosodiphenylamine		31	U	24	57
Pentachlorophenol		90	U	90	170
Phenanthrene		3.7	U	3.7	7.5
Phenol		31	U	31	57
Pyrene		3.7	U	3.7	7.5
1,2,4-Trichlorobenzene		31	U	31	57
2,4,5-Trichlorophenol		31	U	28	170
2,4,6-Trichlorophenol		90	U	90	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		45 - 105
2-Fluorophenol (Surr)	72		35 - 105
Nitrobenzene-d5 (Surr)	56		35 - 100
Phenol-d5 (Surr)	71		40 - 100
Terphenyl-d14 (Surr)	70		30 - 125
2,4,6-Tribromophenol (Surr)	56		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69993	Lab File ID:	21231012.D
Dilution:	1.0			Initial Weight/Volume:	29.66 g
Analysis Date:	12/31/2012 1326			Final Weight/Volume:	2 mL
Prep Date:	12/24/2012 0950			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.8	U	3.8	7.7
Acenaphthylene		3.8	U	3.8	7.7
Anthracene		3.8	U	3.8	7.7
Benzo[a]anthracene		3.8	U	3.8	7.7
Benzo[a]pyrene		3.8	U	3.8	7.7
Benzo[b]fluoranthene		3.8	J	3.8	7.7
Benzo[g,h,i]perylene		3.8	U	3.8	7.7
Benzoic acid		390	U	390	770
Benzo[k]fluoranthene		3.8	U	3.8	7.7
Benzyl alcohol		31	U	24	380
Bis(2-chloroethoxy)methane		31	U	26	120
Bis(2-chloroethyl)ether		3.8	U	2.3	120
bis (2-chloroisopropyl) ether		31	U	11	120
Bis(2-ethylhexyl) phthalate		24	J B	22	58
4-Bromophenyl phenyl ether		31	U	15	58
Butyl benzyl phthalate		31	U	12	58
Carbazole		31	U	31	58
4-Chloroaniline		31	U	20	170
4-Chloro-3-methylphenol		31	U	24	170
2-Chloronaphthalene		3.8	U	3.8	58
2-Chlorophenol		31	U	31	58
4-Chlorophenyl phenyl ether		31	U	15	58
Chrysene		3.8	U	1.3	7.7
Dibenz(a,h)anthracene		3.8	U	3.8	7.7
Dibenzofuran		3.8	U	3.8	58
1,2-Dichlorobenzene		31	U	11	58
1,3-Dichlorobenzene		31	U	13	58
1,4-Dichlorobenzene		31	U	23	58
3,3'-Dichlorobenzidine		93	U	21	120
2,4-Dichlorophenol		31	U	23	170
Diethyl phthalate		31	U	19	58
2,4-Dimethylphenol		93	U	23	170
Dimethyl phthalate		31	U	20	58
Di-n-butyl phthalate		31	U	17	58
4,6-Dinitro-2-methylphenol		93	U	93	170
2,4-Dinitrophenol		93	U	93	380
2,4-Dinitrotoluene		31	U	31	230
2,6-Dinitrotoluene		31	U	24	230
Di-n-octyl phthalate		31	U	31	58
Fluoranthene		3.8	U	3.8	7.7
Fluorene		3.8	U	3.8	7.7
Hexachlorobenzene		3.8	U	2.4	7.7
Hexachlorobutadiene		31	U	31	58
Hexachlorocyclopentadiene		31	U	31	380
Hexachloroethane		31	U	10	58
Indeno[1,2,3-cd]pyrene		3.8	U	3.8	7.7

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69993	Lab File ID:	21231012.D
Dilution:	1.0			Initial Weight/Volume:	29.66 g
Analysis Date:	12/31/2012 1326			Final Weight/Volume:	2 mL
Prep Date:	12/24/2012 0950			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		31	U	15	58
2-Methylnaphthalene		3.8	U	3.8	7.7
2-Methylphenol		93	U	93	230
3 & 4 Methylphenol		93	U	23	460
Naphthalene		3.8	U	3.8	7.7
2-Nitroaniline		31	U	11	230
3-Nitroaniline		93	U	19	230
4-Nitroaniline		31	U	30	230
Nitrobenzene		3.8	U	2.6	120
2-Nitrophenol		31	U	31	58
4-Nitrophenol		93	U	93	380
N-Nitrosodi-n-propylamine		31	U	31	58
N-Nitrosodiphenylamine		31	U	24	58
Pentachlorophenol		93	U	93	170
Phenanthrene		3.8	U	3.8	7.7
Phenol		31	U	31	58
Pyrene		3.8	U	3.8	7.7
1,2,4-Trichlorobenzene		31	U	31	58
2,4,5-Trichlorophenol		31	U	29	170
2,4,6-Trichlorophenol		93	U	93	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	57		45 - 105
2-Fluorophenol (Surr)	78		35 - 105
Nitrobenzene-d5 (Surr)	60		35 - 100
Phenol-d5 (Surr)	75		40 - 100
Terphenyl-d14 (Surr)	68		30 - 125
2,4,6-Tribromophenol (Surr)	50		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0076-0001-SO**

Lab Sample ID: 240-18703-19 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 15.8 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224021.D
Dilution:	1.0			Initial Weight/Volume:	29.97 g
Analysis Date:	12/24/2012 1824			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.9	U	3.9	7.9
Acenaphthylene		7.6	J	3.9	7.9
Anthracene		5.8	J	3.9	7.9
Benzo[a]anthracene		55		3.9	7.9
Benzo[a]pyrene		40		3.9	7.9
Benzo[b]fluoranthene		65	M	3.9	7.9
Benzo[g,h,i]perylene		34		3.9	7.9
Benzoic acid		400	U	400	780
Benzo[k]fluoranthene		22	M	3.9	7.9
Benzyl alcohol		32	U	25	390
Bis(2-chloroethoxy)methane		32	U	26	120
Bis(2-chloroethyl)ether		3.9	U	2.4	120
bis (2-chloroisopropyl) ether		32	U	11	120
Bis(2-ethylhexyl) phthalate		24	J	23	59
4-Bromophenyl phenyl ether		32	U	15	59
Butyl benzyl phthalate		32	U	12	59
Carbazole		32	U	32	59
4-Chloroaniline		32	U	20	180
4-Chloro-3-methylphenol		32	U	25	180
2-Chloronaphthalene		3.9	U	3.9	59
2-Chlorophenol		32	U	32	59
4-Chlorophenyl phenyl ether		32	U	15	59
Chrysene		41		1.3	7.9
Dibenz(a,h)anthracene		3.9	U	3.9	7.9
Dibenzofuran		3.9	U	3.9	59
1,2-Dichlorobenzene		32	U	12	59
1,3-Dichlorobenzene		32	U	13	59
1,4-Dichlorobenzene		32	U	24	59
3,3'-Dichlorobenzidine		95	U	21	120
2,4-Dichlorophenol		32	U	24	180
Diethyl phthalate		32	U	19	59
2,4-Dimethylphenol		95	U	24	180
Dimethyl phthalate		32	U	20	59
Di-n-butyl phthalate		32	U	18	59
4,6-Dinitro-2-methylphenol		95	U	95	180
2,4-Dinitrophenol		95	U	95	390
2,4-Dinitrotoluene		32	U	32	240
2,6-Dinitrotoluene		32	U	25	240
Di-n-octyl phthalate		32	U	32	59
Fluoranthene		96		3.9	7.9
Fluorene		3.9	U	3.9	7.9
Hexachlorobenzene		3.9	U	2.5	7.9
Hexachlorobutadiene		32	U	32	59
Hexachlorocyclopentadiene		32	U	32	390
Hexachloroethane		32	U	11	59
Indeno[1,2,3-cd]pyrene		22		3.9	7.9

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0076-0001-SO**

Lab Sample ID: 240-18703-19 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 15.8 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224021.D
Dilution:	1.0			Initial Weight/Volume:	29.97 g
Analysis Date:	12/24/2012 1824			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		32	U	15	59
2-Methylnaphthalene		3.9	U	3.9	7.9
2-Methylphenol		95	U	95	240
3 & 4 Methylphenol		95	U	24	480
Naphthalene		3.9	U	3.9	7.9
2-Nitroaniline		32	U	11	240
3-Nitroaniline		95	U	19	240
4-Nitroaniline		32	U	31	240
Nitrobenzene		3.9	U	2.6	120
2-Nitrophenol		32	U	32	59
4-Nitrophenol		95	U	95	390
N-Nitrosodi-n-propylamine		32	U	32	59
N-Nitrosodiphenylamine		32	U	25	59
Pentachlorophenol		95	U	95	180
Phenanthrene		47		3.9	7.9
Phenol		32	U	32	59
Pyrene		77		3.9	7.9
1,2,4-Trichlorobenzene		32	U	32	59
2,4,5-Trichlorophenol		32	U	30	180
2,4,6-Trichlorophenol		95	U	95	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		45 - 105
2-Fluorophenol (Surr)	66		35 - 105
Nitrobenzene-d5 (Surr)	59		35 - 100
Phenol-d5 (Surr)	66		40 - 100
Terphenyl-d14 (Surr)	69		30 - 125
2,4,6-Tribromophenol (Surr)	58		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0077-0001-SO**

Lab Sample ID: 240-18703-20 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 17.3 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224022.D
Dilution:	1.0			Initial Weight/Volume:	29.54 g
Analysis Date:	12/24/2012 1849			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		4.1	U	4.1	8.2
Acenaphthylene		4.1	U	4.1	8.2
Anthracene		4.8	J	4.1	8.2
Benzo[a]anthracene		24		4.1	8.2
Benzo[a]pyrene		16		4.1	8.2
Benzo[b]fluoranthene		22		4.1	8.2
Benzo[g,h,i]perylene		20	M	4.1	8.2
Benzoic acid		410	U	410	810
Benzo[k]fluoranthene		8.9	M	4.1	8.2
Benzyl alcohol		33	U	26	410
Bis(2-chloroethoxy)methane		33	U	27	120
Bis(2-chloroethyl)ether		4.1	U	2.5	120
bis (2-chloroisopropyl) ether		33	U	12	120
Bis(2-ethylhexyl) phthalate		33	U	23	61
4-Bromophenyl phenyl ether		33	U	16	61
Butyl benzyl phthalate		33	U	12	61
Carbazole		33	U	33	61
4-Chloroaniline		33	U	21	180
4-Chloro-3-methylphenol		33	U	26	180
2-Chloronaphthalene		4.1	U	4.1	61
2-Chlorophenol		33	U	33	61
4-Chlorophenyl phenyl ether		33	U	16	61
Chrysene		17	M	1.4	8.2
Dibenz(a,h)anthracene		4.1	U	4.1	8.2
Dibenzofuran		4.1	U	4.1	61
1,2-Dichlorobenzene		33	U	12	61
1,3-Dichlorobenzene		33	U	14	61
1,4-Dichlorobenzene		33	U	25	61
3,3'-Dichlorobenzidine		98	U	22	120
2,4-Dichlorophenol		33	U	25	180
Diethyl phthalate		33	U	20	61
2,4-Dimethylphenol		98	U	25	180
Dimethyl phthalate		33	U	21	61
Di-n-butyl phthalate		33	U	18	61
4,6-Dinitro-2-methylphenol		98	U	98	180
2,4-Dinitrophenol		98	U	98	410
2,4-Dinitrotoluene		33	U	33	250
2,6-Dinitrotoluene		33	U	26	250
Di-n-octyl phthalate		33	U	33	61
Fluoranthene		34		4.1	8.2
Fluorene		4.1	U	4.1	8.2
Hexachlorobenzene		4.1	U	2.6	8.2
Hexachlorobutadiene		33	U	33	61
Hexachlorocyclopentadiene		33	U	33	410
Hexachloroethane		33	U	11	61
Indeno[1,2,3-cd]pyrene		10	M	4.1	8.2

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0077-0001-SO**

Lab Sample ID: 240-18703-20 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 17.3 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224022.D
Dilution:	1.0			Initial Weight/Volume:	29.54 g
Analysis Date:	12/24/2012 1849			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		33	U	16	61
2-Methylnaphthalene		4.1	U	4.1	8.2
2-Methylphenol		98	U	98	250
3 & 4 Methylphenol		98	U	25	490
Naphthalene		4.1	U	4.1	8.2
2-Nitroaniline		33	U	11	250
3-Nitroaniline		98	U	20	250
4-Nitroaniline		33	U	32	250
Nitrobenzene		4.1	U	2.7	120
2-Nitrophenol		33	U	33	61
4-Nitrophenol		98	U	98	410
N-Nitrosodi-n-propylamine		33	U	33	61
N-Nitrosodiphenylamine		33	U	26	61
Pentachlorophenol		98	U	98	180
Phenanthrene		21		4.1	8.2
Phenol		33	U	33	61
Pyrene		26		4.1	8.2
1,2,4-Trichlorobenzene		33	U	33	61
2,4,5-Trichlorophenol		33	U	31	180
2,4,6-Trichlorophenol		98	U	98	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	49		45 - 105
2-Fluorophenol (Surr)	72		35 - 105
Nitrobenzene-d5 (Surr)	57		35 - 100
Phenol-d5 (Surr)	70		40 - 100
Terphenyl-d14 (Surr)	67		30 - 125
2,4,6-Tribromophenol (Surr)	49		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0079-0001-SO**

Lab Sample ID: 240-18703-21 Date Sampled: 12/10/2012 1420
Client Matrix: Solid % Moisture: 23.3 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224023.D
Dilution:	1.0			Initial Weight/Volume:	29.84 g
Analysis Date:	12/24/2012 1914			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		4.3	U	4.3	8.7
Acenaphthylene		5.3	J	4.3	8.7
Anthracene		5.5	J	4.3	8.7
Benzo[a]anthracene		46		4.3	8.7
Benzo[a]pyrene		37		4.3	8.7
Benzo[b]fluoranthene		50		4.3	8.7
Benzo[g,h,i]perylene		32	M	4.3	8.7
Benzoic acid		440	U	440	870
Benzo[k]fluoranthene		21		4.3	8.7
Benzyl alcohol		35	U	28	430
Bis(2-chloroethoxy)methane		35	U	29	130
Bis(2-chloroethyl)ether		4.3	U	2.6	130
bis (2-chloroisopropyl) ether		35	U	12	130
Bis(2-ethylhexyl) phthalate		35	U	25	66
4-Bromophenyl phenyl ether		35	U	17	66
Butyl benzyl phthalate		35	U	13	66
Carbazole		35	U	35	66
4-Chloroaniline		35	U	22	200
4-Chloro-3-methylphenol		35	U	28	200
2-Chloronaphthalene		4.3	U	4.3	66
2-Chlorophenol		35	U	35	66
4-Chlorophenyl phenyl ether		35	U	17	66
Chrysene		35		1.4	8.7
Dibenz(a,h)anthracene		4.3	U	4.3	8.7
Dibenzofuran		4.3	U	4.3	66
1,2-Dichlorobenzene		35	U	13	66
1,3-Dichlorobenzene		35	U	14	66
1,4-Dichlorobenzene		35	U	26	66
3,3'-Dichlorobenzidine		100	U	24	130
2,4-Dichlorophenol		35	U	26	200
Diethyl phthalate		35	U	21	66
2,4-Dimethylphenol		100	U	26	200
Dimethyl phthalate		35	U	22	66
Di-n-butyl phthalate		35	U	20	66
4,6-Dinitro-2-methylphenol		100	U	100	200
2,4-Dinitrophenol		100	U	100	430
2,4-Dinitrotoluene		35	U	35	260
2,6-Dinitrotoluene		35	U	28	260
Di-n-octyl phthalate		35	U	35	66
Fluoranthene		74		4.3	8.7
Fluorene		4.3	U	4.3	8.7
Hexachlorobenzene		4.3	U	2.8	8.7
Hexachlorobutadiene		35	U	35	66
Hexachlorocyclopentadiene		35	U	35	430
Hexachloroethane		35	U	12	66
Indeno[1,2,3-cd]pyrene		20	M	4.3	8.7

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0079-0001-SO**

Lab Sample ID: 240-18703-21 Date Sampled: 12/10/2012 1420
Client Matrix: Solid % Moisture: 23.3 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224023.D
Dilution:	1.0			Initial Weight/Volume:	29.84 g
Analysis Date:	12/24/2012 1914			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		35	U	17	66
2-Methylnaphthalene		11		4.3	8.7
2-Methylphenol		100	U	100	260
3 & 4 Methylphenol		100	U	26	520
Naphthalene		7.6	J	4.3	8.7
2-Nitroaniline		35	U	12	260
3-Nitroaniline		100	U	21	260
4-Nitroaniline		35	U	34	260
Nitrobenzene		4.3	U	2.9	130
2-Nitrophenol		35	U	35	66
4-Nitrophenol		100	U	100	430
N-Nitrosodi-n-propylamine		35	U	35	66
N-Nitrosodiphenylamine		35	U	28	66
Pentachlorophenol		100	U	100	200
Phenanthrene		32		4.3	8.7
Phenol		35	U	35	66
Pyrene		57		4.3	8.7
1,2,4-Trichlorobenzene		35	U	35	66
2,4,5-Trichlorophenol		35	U	33	200
2,4,6-Trichlorophenol		100	U	100	200

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	48		45 - 105
2-Fluorophenol (Surr)	70		35 - 105
Nitrobenzene-d5 (Surr)	50		35 - 100
Phenol-d5 (Surr)	73		40 - 100
Terphenyl-d14 (Surr)	61		30 - 125
2,4,6-Tribromophenol (Surr)	60		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0080-0001-SO**

Lab Sample ID: 240-18703-22 Date Sampled: 12/10/2012 1516
Client Matrix: Solid % Moisture: 15.0 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224024.D
Dilution:	1.0			Initial Weight/Volume:	30.10 g
Analysis Date:	12/24/2012 1939			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.9	U	3.9	7.8
Acenaphthylene		3.9	U	3.9	7.8
Anthracene		3.9	U	3.9	7.8
Benzo[a]anthracene		3.9	U	3.9	7.8
Benzo[a]pyrene		3.9	U	3.9	7.8
Benzo[b]fluoranthene		6.1	J M	3.9	7.8
Benzo[g,h,i]perylene		3.9	U	3.9	7.8
Benzoic acid		390	U	390	770
Benzo[k]fluoranthene		3.9	U	3.9	7.8
Benzyl alcohol		32	U	25	390
Bis(2-chloroethoxy)methane		32	U	26	120
Bis(2-chloroethyl)ether		3.9	U	2.3	120
bis (2-chloroisopropyl) ether		32	U	11	120
Bis(2-ethylhexyl) phthalate		31	J	22	59
4-Bromophenyl phenyl ether		32	U	15	59
Butyl benzyl phthalate		32	U	12	59
Carbazole		32	U	32	59
4-Chloroaniline		32	U	20	180
4-Chloro-3-methylphenol		32	U	25	180
2-Chloronaphthalene		3.9	U	3.9	59
2-Chlorophenol		32	U	32	59
4-Chlorophenyl phenyl ether		32	U	15	59
Chrysene		4.5	J	1.3	7.8
Dibenz(a,h)anthracene		3.9	U	3.9	7.8
Dibenzofuran		3.9	U	3.9	59
1,2-Dichlorobenzene		32	U	11	59
1,3-Dichlorobenzene		32	U	13	59
1,4-Dichlorobenzene		32	U	23	59
3,3'-Dichlorobenzidine		94	U	21	120
2,4-Dichlorophenol		32	U	23	180
Diethyl phthalate		32	U	19	59
2,4-Dimethylphenol		94	U	23	180
Dimethyl phthalate		32	U	20	59
Di-n-butyl phthalate		32	U	18	59
4,6-Dinitro-2-methylphenol		94	U	94	180
2,4-Dinitrophenol		94	U	94	390
2,4-Dinitrotoluene		32	U	32	230
2,6-Dinitrotoluene		32	U	25	230
Di-n-octyl phthalate		32	U	32	59
Fluoranthene		3.9	U	3.9	7.8
Fluorene		3.9	U	3.9	7.8
Hexachlorobenzene		3.9	U	2.5	7.8
Hexachlorobutadiene		32	U	32	59
Hexachlorocyclopentadiene		32	U	32	390
Hexachloroethane		32	U	11	59
Indeno[1,2,3-cd]pyrene		3.9	U	3.9	7.8

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0080-0001-SO**

Lab Sample ID: 240-18703-22 Date Sampled: 12/10/2012 1516
Client Matrix: Solid % Moisture: 15.0 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-69569	Lab File ID:	21224024.D
Dilution:	1.0			Initial Weight/Volume:	30.10 g
Analysis Date:	12/24/2012 1939			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Isophorone		32	U	15	59
2-Methylnaphthalene		17		3.9	7.8
2-Methylphenol		94	U	94	230
3 & 4 Methylphenol		94	U	23	470
Naphthalene		12		3.9	7.8
2-Nitroaniline		32	U	11	230
3-Nitroaniline		94	U	19	230
4-Nitroaniline		32	U	30	230
Nitrobenzene		3.9	U	2.6	120
2-Nitrophenol		32	U	32	59
4-Nitrophenol		94	U	94	390
N-Nitrosodi-n-propylamine		32	U	32	59
N-Nitrosodiphenylamine		32	U	25	59
Pentachlorophenol		94	U	94	180
Phenanthrene		3.9	U	3.9	7.8
Phenol		32	U	32	59
Pyrene		3.9	U	3.9	7.8
1,2,4-Trichlorobenzene		32	U	32	59
2,4,5-Trichlorophenol		32	U	29	180
2,4,6-Trichlorophenol		94	U	94	180

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	54		45 - 105
2-Fluorophenol (Surr)	72		35 - 105
Nitrobenzene-d5 (Surr)	60		35 - 100
Phenol-d5 (Surr)	71		40 - 100
Terphenyl-d14 (Surr)	68		30 - 125
2,4,6-Tribromophenol (Surr)	56		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0081-0001-SO**

Lab Sample ID: 240-18703-23 Date Sampled: 12/10/2012 1450
Client Matrix: Solid % Moisture: 12.0 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69614	Lab File ID:	21231011.D
Dilution:	1.0			Initial Weight/Volume:	30.29 g
Analysis Date:	12/31/2012 1303			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 1223			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.7	U	3.7	7.5
Acenaphthylene		3.7	U	3.7	7.5
Anthracene		3.7	U	3.7	7.5
Benzo[a]anthracene		3.7	U	3.7	7.5
Benzo[a]pyrene		3.7	U	3.7	7.5
Benzo[b]fluoranthene		3.7	U	3.7	7.5
Benzo[g,h,i]perylene		3.7	U	3.7	7.5
Benzoic acid		370	U	370	740
Benzo[k]fluoranthene		3.7	U	3.7	7.5
Benzyl alcohol		30	U	24	370
Bis(2-chloroethoxy)methane		30	U	25	110
Bis(2-chloroethyl)ether		3.7	U	2.3	110
bis (2-chloroisopropyl) ether		30	U	11	110
Bis(2-ethylhexyl) phthalate		31	J	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	24	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	7.5
Dibenz(a,h)anthracene		3.7	U	3.7	7.5
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	23	56
3,3'-Dichlorobenzidine		90	U	20	110
2,4-Dichlorophenol		30	U	23	170
Diethyl phthalate		30	U	18	56
2,4-Dimethylphenol		90	U	23	170
Dimethyl phthalate		30	U	19	56
Di-n-butyl phthalate		30	U	17	56
4,6-Dinitro-2-methylphenol		90	U	90	170
2,4-Dinitrophenol		90	U	90	370
2,4-Dinitrotoluene		30	U	30	230
2,6-Dinitrotoluene		30	U	24	230
Di-n-octyl phthalate		30	U	30	56
Fluoranthene		3.7	U	3.7	7.5
Fluorene		3.7	U	3.7	7.5
Hexachlorobenzene		3.7	U	2.4	7.5
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	7.5

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0081-0001-SO**

Lab Sample ID: 240-18703-23 Date Sampled: 12/10/2012 1450
Client Matrix: Solid % Moisture: 12.0 Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-69614	Lab File ID:	21231011.D
Dilution:	1.0			Initial Weight/Volume:	30.29 g
Analysis Date:	12/31/2012 1303			Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 1223			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	7.5
2-Methylphenol		90	U	90	230
3 & 4 Methylphenol		90	U	23	450
Naphthalene		3.7	U	3.7	7.5
2-Nitroaniline		30	U	10	230
3-Nitroaniline		90	U	18	230
4-Nitroaniline		30	U	29	230
Nitrobenzene		3.7	U	2.5	110
2-Nitrophenol		30	U	30	56
4-Nitrophenol		90	U	90	370
N-Nitrosodi-n-propylamine		30	U	30	56
N-Nitrosodiphenylamine		30	U	24	56
Pentachlorophenol		90	U	90	170
Phenanthrene		3.7	U	3.7	7.5
Phenol		30	U	30	56
Pyrene		3.7	U	3.7	7.5
1,2,4-Trichlorobenzene		30	U	30	56
2,4,5-Trichlorophenol		30	U	28	170
2,4,6-Trichlorophenol		90	U	90	170

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	50		45 - 105
2-Fluorophenol (Surr)	65		35 - 105
Nitrobenzene-d5 (Surr)	51		35 - 100
Phenol-d5 (Surr)	67		40 - 100
Terphenyl-d14 (Surr)	65		30 - 125
2,4,6-Tribromophenol (Surr)	54		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030
Client Matrix: Water Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-68962	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-68547	Lab File ID:	21217006.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	12/17/2012 1204			Final Weight/Volume:	2 mL
Prep Date:	12/13/2012 1121			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Acenaphthene	0.095	U	0.095	0.19
Acenaphthylene	0.095	U	0.095	0.19
Anthracene	0.095	U	0.095	0.19
Benzo[a]anthracene	0.095	U	0.095	0.19
Benzo[a]pyrene	0.095	U	0.095	0.19
Benzo[b]fluoranthene	0.095	U	0.095	0.19
Benzo[g,h,i]perylene	0.095	U	0.095	0.19
Benzoic acid	9.5	U	9.5	24
Benzo[k]fluoranthene	0.095	U	0.095	0.19
Benzyl alcohol	0.76	U	0.36	4.8
Bis(2-chloroethoxy)methane	0.76	U	0.30	0.95
Bis(2-chloroethyl)ether	0.095	U	0.095	0.95
bis (2-chloroisopropyl) ether	0.76	U	0.38	0.95
Bis(2-ethylhexyl) phthalate	0.76	U	0.76	1.9
4-Bromophenyl phenyl ether	0.76	U	0.76	1.9
Butyl benzyl phthalate	0.76	U	0.76	0.95
Carbazole	0.76	U	0.27	0.95
4-Chloroaniline	0.76	U	0.76	1.9
4-Chloro-3-methylphenol	0.76	U	0.76	1.9
2-Chloronaphthalene	0.095	U	0.095	0.95
2-Chlorophenol	0.76	U	0.28	0.95
4-Chlorophenyl phenyl ether	0.76	U	0.29	1.9
Chrysene	0.095	U	0.095	0.19
Dibenz(a,h)anthracene	0.095	U	0.095	0.19
Dibenzofuran	0.095	U	0.095	0.95
1,2-Dichlorobenzene	0.76	U	0.28	0.95
1,3-Dichlorobenzene	0.76	U	0.76	0.95
1,4-Dichlorobenzene	0.76	U	0.32	0.95
3,3'-Dichlorobenzidine	0.76	U	0.35	4.8
2,4-Dichlorophenol	0.76	U	0.76	1.9
Diethyl phthalate	0.76	U	0.57	0.95
2,4-Dimethylphenol	0.76	U	0.76	1.9
Dimethyl phthalate	0.76	U	0.28	0.95
Di-n-butyl phthalate	0.76	U	0.64	0.95
4,6-Dinitro-2-methylphenol	2.3	U	2.3	4.8
2,4-Dinitrophenol	2.3	U	2.3	4.8
2,4-Dinitrotoluene	0.76	U	0.26	4.8
2,6-Dinitrotoluene	0.76	U	0.76	4.8
Di-n-octyl phthalate	0.76	U	0.76	0.95
Fluoranthene	0.095	U	0.095	0.19
Fluorene	0.095	U	0.095	0.19
Hexachlorobenzene	0.095	U	0.095	0.19
Hexachlorobutadiene	0.76	U	0.26	0.95
Hexachlorocyclopentadiene	0.76	U	0.76	9.5
Hexachloroethane	0.76	U	0.76	0.95
Indeno[1,2,3-cd]pyrene	0.095	U	0.095	0.19

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030
Client Matrix: Water Date Received: 12/11/2012 1802

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-68962	Instrument ID:	A4HP7
Prep Method:	3520C	Prep Batch:	240-68547	Lab File ID:	21217006.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	12/17/2012 1204			Final Weight/Volume:	2 mL
Prep Date:	12/13/2012 1121			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Isophorone	0.76	U	0.26	0.95
2-Methylnaphthalene	0.095	U	0.095	0.19
2-Methylphenol	0.76	U	0.76	0.95
3 & 4 Methylphenol	0.76	U	0.76	1.9
Naphthalene	0.095	U	0.095	0.19
2-Nitroaniline	0.76	U	0.76	1.9
3-Nitroaniline	0.76	U	0.27	1.9
4-Nitroaniline	0.76	U	0.76	1.9
Nitrobenzene	0.095	U	0.038	0.95
2-Nitrophenol	0.76	U	0.27	1.9
4-Nitrophenol	2.3	U	2.3	4.8
N-Nitrosodi-n-propylamine	0.76	U	0.76	0.95
N-Nitrosodiphenylamine	0.76	U	0.30	0.95
Pentachlorophenol	2.3	U	2.3	4.8
Phenanthrene	0.095	U	0.095	0.19
Phenol	0.76	U	0.57	0.95
Pyrene	0.095	U	0.095	0.19
1,2,4-Trichlorobenzene	0.76	U	0.27	0.95
2,4,5-Trichlorophenol	0.76	U	0.29	4.8
2,4,6-Trichlorophenol	0.76	U	0.76	4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	66		50 - 110
2-Fluorophenol (Surr)	60		20 - 110
Nitrobenzene-d5 (Surr)	69		40 - 110
Phenol-d5 (Surr)	64		10 - 115
Terphenyl-d14 (Surr)	76		50 - 135
2,4,6-Tribromophenol (Surr)	69		40 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0092-0001-SO**

Lab Sample ID: 240-18703-1 Date Sampled: 12/10/2012 1237
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	6.343 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/22/2012 2011			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		45	U	42	90

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	85		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076SB-0143-0001-TB**

Lab Sample ID: 240-18703-5 Date Sampled: 12/10/2012 0800
Client Matrix: Water Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5030B		N/A	Initial Weight/Volume:	5 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/22/2012 1001			Injection Volume:	
Prep Date:	12/22/2012 1001			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
C6-C12	29	J	25	100

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	84		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076SB-0144-0001-TB**

Lab Sample ID: 240-18703-6 Date Sampled: 12/10/2012 0800
Client Matrix: Water Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5030B		N/A	Initial Weight/Volume:	5 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/22/2012 1039			Injection Volume:	
Prep Date:	12/22/2012 1039			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
C6-C12	27	J	25	100

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	77		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076SB-0145-0001-TB**

Lab Sample ID: 240-18703-7 Date Sampled: 12/10/2012 0800
Client Matrix: Water Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5030B		N/A	Initial Weight/Volume:	5 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/22/2012 1116			Injection Volume:	
Prep Date:	12/22/2012 1116			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
C6-C12	50	U	25	100

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	62		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69965	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69748	Initial Weight/Volume:	6.749 g
Dilution:	2.0			Final Weight/Volume:	5 mL
Analysis Date:	12/24/2012 1221			Injection Volume:	
Prep Date:	12/21/2012 0933			Result Type:	PRIMARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	73		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69965	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69748	Initial Weight/Volume:	6.749 g
Dilution:	2.0			Final Weight/Volume:	5 mL
Analysis Date:	12/24/2012 1221			Injection Volume:	
Prep Date:	12/21/2012 0933			Result Type:	SECONDARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		37000		3000	8800

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-70834	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69748	Initial Weight/Volume:	6.749 g
Dilution:	2.0			Final Weight/Volume:	5 mL
Analysis Date:	01/03/2013 0456	Run Type:	RA	Injection Volume:	
Prep Date:	12/21/2012 0933			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		43000	H	3000	8800

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-70834	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69748	Initial Weight/Volume:	6.749 g
Dilution:	2.0			Final Weight/Volume:	5 mL
Analysis Date:	01/03/2013 0456	Run Type:	RA	Injection Volume:	
Prep Date:	12/21/2012 0933			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	69		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0083-0001-SO**

Lab Sample ID: 240-18703-9 Date Sampled: 12/10/2012 1115
Client Matrix: Solid % Moisture: 14.5 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	6.303 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/22/2012 2049			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		46	U	43	93

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	73		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0084-0001-SO**

Lab Sample ID: 240-18703-10 Date Sampled: 12/10/2012 1130
Client Matrix: Solid % Moisture: 13.9 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	4.99 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/22/2012 2127			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		58	U	54	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	83		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0085-0001-SO**

Lab Sample ID: 240-18703-11 Date Sampled: 12/10/2012 1205
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	4.712 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/22/2012 2206			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		63	U	58	130

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	80		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0086-0001-SO**

Lab Sample ID: 240-18703-12 Date Sampled: 12/10/2012 1205
Client Matrix: Solid % Moisture: 12.5 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	6.571 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/22/2012 2244			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		43	U	40	87

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	60		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0087-0001-SO**

Lab Sample ID: 240-18703-13 Date Sampled: 12/10/2012 0910
Client Matrix: Solid % Moisture: 5.8 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	3.653 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/22/2012 2322			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		73	U	67	150

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	79		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0088-0001-SO**

Lab Sample ID: 240-18703-14 Date Sampled: 12/10/2012 0930
Client Matrix: Solid % Moisture: 9.0 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	5.453 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/23/2012 0000			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		50	U	46	100

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	82		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0089-0001-SO**

Lab Sample ID: 240-18703-15 Date Sampled: 12/10/2012 0940
Client Matrix: Solid % Moisture: 10.0 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	5.63 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/23/2012 0116			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		54	J	45	99

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	72		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0090-0001-SO**

Lab Sample ID: 240-18703-16 Date Sampled: 12/10/2012 0955
Client Matrix: Solid % Moisture: 9.9 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	5.833 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/23/2012 0154			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		48	U	44	95

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	83		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0091-0001-SO**

Lab Sample ID: 240-18703-17 Date Sampled: 12/10/2012 1225
Client Matrix: Solid % Moisture: 12.4 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	6.008 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/23/2012 0231			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		47	U	44	95

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	78		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	5.705 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/23/2012 0309			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		50	U	46	100

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	77		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0076-0001-SO**

Lab Sample ID: 240-18703-19 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 15.8 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	6.338 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/23/2012 0347			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		70	J	43	94

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	75		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0077-0001-SO**

Lab Sample ID: 240-18703-20 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 17.3 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	6.215 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/23/2012 0424			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		2200	J	45	97

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	333	Q	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0077-0001-SO**

Lab Sample ID: 240-18703-20 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 17.3 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69965	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69748	Initial Weight/Volume:	6.022 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/24/2012 1336			Injection Volume:	
Prep Date:	12/21/2012 0933			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		2900	J	1700	5000

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	73		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0079-0001-SO**

Lab Sample ID: 240-18703-21 Date Sampled: 12/10/2012 1420
Client Matrix: Solid % Moisture: 23.3 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	5.998 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/23/2012 0502			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		860		50	110

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	97	M	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0080-0001-SO**

Lab Sample ID: 240-18703-22 Date Sampled: 12/10/2012 1516
Client Matrix: Solid % Moisture: 15.0 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	7.538 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/23/2012 0539			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		3200	J	36	78

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	232	Q	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0080-0001-SO**

Lab Sample ID: 240-18703-22 Date Sampled: 12/10/2012 1516
Client Matrix: Solid % Moisture: 15.0 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69965	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69748	Initial Weight/Volume:	5.807 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/24/2012 1451			Injection Volume:	
Prep Date:	12/21/2012 0933			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		4200	J	1700	5100

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	75		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0081-0001-SO**

Lab Sample ID: 240-18703-23 Date Sampled: 12/10/2012 1450
Client Matrix: Solid % Moisture: 12.0 Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-69885	Initial Weight/Volume:	5.849 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/23/2012 0617			Injection Volume:	
Prep Date:	12/11/2012 1835			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		49	U	45	97

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	60		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030
Client Matrix: Water Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5030B		N/A	Initial Weight/Volume:	5 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/22/2012 1154			Injection Volume:	
Prep Date:	12/22/2012 1154			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
C6-C12	50	U	25	100

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	79		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0141-0001-TB**

Lab Sample ID: 240-18703-25 Date Sampled: 12/09/2012 0800
Client Matrix: Water Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5030B		N/A	Initial Weight/Volume:	5 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/22/2012 1347			Injection Volume:	
Prep Date:	12/22/2012 1347			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
C6-C12	27	J	25	100

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	64		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0142-0001-TB**

Lab Sample ID: 240-18703-26 Date Sampled: 12/09/2012 0800
Client Matrix: Water Date Received: 12/11/2012 1802

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-69738	Instrument ID:	YPID
Prep Method:	5030B		N/A	Initial Weight/Volume:	5 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/22/2012 1502			Injection Volume:	
Prep Date:	12/22/2012 1502			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
C6-C12	50	U	25	100

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	85		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0092-0001-SO**

Lab Sample ID: 240-18703-1 Date Sampled: 12/10/2012 1237
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Prep Method:	3540C	Prep Batch:	240-69559	Lab File ID:	P6F24010.D
Dilution:	1.0			Initial Weight/Volume:	30.28 g
Analysis Date:	12/24/2012 1829			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 0927			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		11	U	11	19
C20-C34		11	U	11	19

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	54		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Prep Method:	3540C	Prep Batch:	240-69559	Lab File ID:	P6F24011.D
Dilution:	1.0			Initial Weight/Volume:	30.41 g
Analysis Date:	12/24/2012 1908			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 0927			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		220		11	20
C20-C34		25		11	20

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	52		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0083-0001-SO**

Lab Sample ID: 240-18703-9 Date Sampled: 12/10/2012 1115
Client Matrix: Solid % Moisture: 14.5 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Prep Method:	3540C	Prep Batch:	240-69559	Lab File ID:	P6F24014.D
Dilution:	1.0			Initial Weight/Volume:	30.37 g
Analysis Date:	12/24/2012 2105			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 0927			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		11	U	11	19
C20-C34		11	U	11	19

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	62		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0084-0001-SO**

Lab Sample ID: 240-18703-10 Date Sampled: 12/10/2012 1130
Client Matrix: Solid % Moisture: 13.9 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Prep Method:	3540C	Prep Batch:	240-69559	Lab File ID:	P6F24015.D
Dilution:	1.0			Initial Weight/Volume:	30.02 g
Analysis Date:	12/24/2012 2144			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 0927			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		11	U	11	19
C20-C34		11	U	11	19

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	60		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0085-0001-SO**

Lab Sample ID: 240-18703-11 Date Sampled: 12/10/2012 1205
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Prep Method:	3540C	Prep Batch:	240-69559	Lab File ID:	P6F24016.D
Dilution:	1.0			Initial Weight/Volume:	30.05 g
Analysis Date:	12/24/2012 2223			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 0927			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		11	U	11	20
C20-C34		11	U	11	20

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	64		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0086-0001-SO**

Lab Sample ID: 240-18703-12 Date Sampled: 12/10/2012 1205
Client Matrix: Solid % Moisture: 12.5 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Prep Method:	3540C	Prep Batch:	240-69559	Lab File ID:	P6F24018.D
Dilution:	1.0			Initial Weight/Volume:	30.10 g
Analysis Date:	12/24/2012 2341			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 0927			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		11	U	11	19
C20-C34		11	U	11	19

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	62		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0087-0001-SO**

Lab Sample ID: 240-18703-13 Date Sampled: 12/10/2012 0910
Client Matrix: Solid % Moisture: 5.8 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Prep Method:	3540C	Prep Batch:	240-69559	Lab File ID:	P6F24019.D
Dilution:	1.0			Initial Weight/Volume:	29.67 g
Analysis Date:	12/25/2012 0020			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 0927			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		9.9	U	9.9	18
C20-C34		9.9	U	9.9	18

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	68		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0088-0001-SO**

Lab Sample ID: 240-18703-14 Date Sampled: 12/10/2012 0930
Client Matrix: Solid % Moisture: 9.0 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Prep Method:	3540C	Prep Batch:	240-69794	Lab File ID:	P6F24026.D
Dilution:	1.0			Initial Weight/Volume:	30.31 g
Analysis Date:	12/25/2012 0451			Final Weight/Volume:	5 mL
Prep Date:	12/21/2012 1138			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		10	U	10	18
C20-C34		11	J	10	18

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	53		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0089-0001-SO**

Lab Sample ID: 240-18703-15 Date Sampled: 12/10/2012 0940
Client Matrix: Solid % Moisture: 10.0 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Prep Method:	3540C	Prep Batch:	240-69794	Lab File ID:	P6F24027.D
Dilution:	1.0			Initial Weight/Volume:	30.39 g
Analysis Date:	12/25/2012 0530			Final Weight/Volume:	5 mL
Prep Date:	12/21/2012 1138			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	59		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0090-0001-SO**

Lab Sample ID: 240-18703-16 Date Sampled: 12/10/2012 0955
Client Matrix: Solid % Moisture: 9.9 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70185	Instrument ID:	A2HP5F
Prep Method:	3540C	Prep Batch:	240-69985	Lab File ID:	P5F10008.D
Dilution:	1.0			Initial Weight/Volume:	30.36 g
Analysis Date:	12/27/2012 1445			Final Weight/Volume:	5 mL
Prep Date:	12/24/2012 0940			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		10	U	10	18
C20-C34		14	J	10	18

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	48		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0091-0001-SO**

Lab Sample ID: 240-18703-17 Date Sampled: 12/10/2012 1225
Client Matrix: Solid % Moisture: 12.4 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70185	Instrument ID:	A2HP5F
Prep Method:	3540C	Prep Batch:	240-69985	Lab File ID:	P5F10009.D
Dilution:	1.0			Initial Weight/Volume:	29.59 g
Analysis Date:	12/27/2012 1515			Final Weight/Volume:	5 mL
Prep Date:	12/24/2012 0940			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		11	U	11	19
C20-C34		11	U	11	19

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	49		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70185	Instrument ID:	A2HP5F
Prep Method:	3540C	Prep Batch:	240-69985	Lab File ID:	P5F10010.D
Dilution:	1.0			Initial Weight/Volume:	29.55 g
Analysis Date:	12/27/2012 1545			Final Weight/Volume:	5 mL
Prep Date:	12/24/2012 0940			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		11	U	11	19
C20-C34		11	U	11	19

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	47		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0076-0001-SO**

Lab Sample ID: 240-18703-19 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 15.8 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70185	Instrument ID:	A2HP5F
Prep Method:	3540C	Prep Batch:	240-69985	Lab File ID:	P5F10011.D
Dilution:	1.0			Initial Weight/Volume:	30.35 g
Analysis Date:	12/27/2012 1615			Final Weight/Volume:	5 mL
Prep Date:	12/24/2012 0940			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		11	U	11	20
C20-C34		11	U	11	20

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	50		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0077-0001-SO**

Lab Sample ID: 240-18703-20 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 17.3 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70185	Instrument ID:	A2HP5F
Prep Method:	3540C	Prep Batch:	240-69985	Lab File ID:	P5F10012.D
Dilution:	1.0			Initial Weight/Volume:	29.82 g
Analysis Date:	12/27/2012 1645			Final Weight/Volume:	5 mL
Prep Date:	12/24/2012 0940			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		11	U	11	20
C20-C34		11	U	11	20

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	49		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0079-0001-SO**

Lab Sample ID: 240-18703-21 Date Sampled: 12/10/2012 1420
Client Matrix: Solid % Moisture: 23.3 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70185	Instrument ID:	A2HP5F
Prep Method:	3540C	Prep Batch:	240-69985	Lab File ID:	P5F10013.D
Dilution:	1.0			Initial Weight/Volume:	30.20 g
Analysis Date:	12/27/2012 1716			Final Weight/Volume:	5 mL
Prep Date:	12/24/2012 0940			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		12	U	12	22
C20-C34		12	U	12	22

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	43		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0080-0001-SO**

Lab Sample ID: 240-18703-22 Date Sampled: 12/10/2012 1516
Client Matrix: Solid % Moisture: 15.0 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70185	Instrument ID:	A2HP5F
Prep Method:	3540C	Prep Batch:	240-69985	Lab File ID:	P5F10014.D
Dilution:	1.0			Initial Weight/Volume:	29.75 g
Analysis Date:	12/27/2012 1746			Final Weight/Volume:	5 mL
Prep Date:	12/24/2012 0940			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		11	U	11	20
C20-C34		11	U	11	20

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	48		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0081-0001-SO**

Lab Sample ID: 240-18703-23 Date Sampled: 12/10/2012 1450
Client Matrix: Solid % Moisture: 12.0 Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-70185	Instrument ID:	A2HP5F
Prep Method:	3540C	Prep Batch:	240-69985	Lab File ID:	P5F10015.D
Dilution:	1.0			Initial Weight/Volume:	30.49 g
Analysis Date:	12/27/2012 1817			Final Weight/Volume:	5 mL
Prep Date:	12/24/2012 0940			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	54		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030
Client Matrix: Water Date Received: 12/11/2012 1802

8015B_DRO/DOD Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B_DRO/DOD	Analysis Batch:	240-68949	Instrument ID:	A2HP5F
Prep Method:	3520C	Prep Batch:	240-68549	Lab File ID:	P5F10008.D
Dilution:	1.0			Initial Weight/Volume:	1050 mL
Analysis Date:	12/17/2012 1534			Final Weight/Volume:	5 mL
Prep Date:	12/13/2012 1126			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
C10-C20	230	U	230	480
C20-C34	230	U	230	480

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	51		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69893	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-69596	Initial Weight/Volume:	29.70 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	12/22/2012 2207			Injection Volume:	1 uL
Prep Date:	12/20/2012 1114			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		4.0	U	3.7	12
4,4'-DDE		4.0	U	2.3	10
4,4'-DDT		4.0	U	3.8	12
Aldrin		8.0	U	7.2	24
alpha-BHC		8.0	U	4.4	15
alpha-Chlordane		8.0	U	5.6	18
beta-BHC		8.0	U	6.6	21
delta-BHC		8.0	U	7.2	24
Dieldrin		4.0	U	2.8	10
Endosulfan I		4.0	U	3.1	10
Endosulfan II		8.0	U	4.9	15
Endosulfan sulfate		8.0	U	5.2	18
Endrin		4.0	U	3.0	10
Endrin aldehyde		8.0	U	6.0	18
Endrin ketone		4.0	U	3.8	12
gamma-BHC (Lindane)		8.0	U	4.4	15
gamma-Chlordane		4.0	U	2.5	10
Heptachlor		8.0	U	6.6	21
Heptachlor epoxide		8.0	U	4.8	15
Methoxychlor		20	U	9.0	30
Toxaphene		120	U	110	400

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		55 - 130
Tetrachloro-m-xylene	74		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69893	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-69596	Initial Weight/Volume:	29.70 g
Dilution:	5.0			Final Weight/Volume:	10 mL
Analysis Date:	12/22/2012 2207			Injection Volume:	1 uL
Prep Date:	12/20/2012 1114			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		55 - 130
Tetrachloro-m-xylene	72		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69893	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-69596	Initial Weight/Volume:	30.22 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/22/2012 2231			Injection Volume:	1 uL
Prep Date:	12/20/2012 1114			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.76	U	0.71	2.3
4,4'-DDE		0.76	U	0.44	1.9
4,4'-DDT		0.76	U	0.72	2.3
Aldrin		1.5	U	1.4	4.6
alpha-BHC		1.5	U	0.83	2.8
alpha-Chlordane		1.5	U	1.1	3.4
beta-BHC		1.5	U	1.3	4.0
delta-BHC		1.5	U	1.4	4.6
Dieldrin		0.76	U	0.54	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	0.99	3.4
Endrin		0.76	U	0.57	1.9
Endrin aldehyde		1.5	U	1.1	3.4
Endrin ketone		0.76	U	0.72	2.3
gamma-BHC (Lindane)		1.5	U	0.84	2.8
gamma-Chlordane		0.76	U	0.48	1.9
Heptachlor		1.5	U	1.3	4.0
Heptachlor epoxide		1.5	U	0.91	2.8
Methoxychlor		3.8	U	1.7	5.7
Toxaphene		23	U	22	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	83		55 - 130
Tetrachloro-m-xylene	81		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69893	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-69596	Initial Weight/Volume:	30.22 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/22/2012 2231			Injection Volume:	1 uL
Prep Date:	12/20/2012 1114			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	80		55 - 130
Tetrachloro-m-xylene	82		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030
Client Matrix: Water Date Received: 12/11/2012 1802

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69152	Instrument ID:	A2HP9
Prep Method:	3520C	Prep Batch:	240-68554	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/18/2012 1246			Injection Volume:	1 uL
Prep Date:	12/13/2012 1140			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
4,4'-DDD	0.0095	U	0.0091	0.048
4,4'-DDE	0.0095	U	0.0092	0.048
4,4'-DDT	0.029	U	0.015	0.048
Aldrin	0.0095	U	0.0078	0.048
alpha-BHC	0.0095	U	0.0067	0.048
alpha-Chlordane	0.013	U	0.013	0.048
beta-BHC	0.0095	U	0.0080	0.048
delta-BHC	0.0095	U	0.0083	0.048
Dieldrin	0.0095	U	0.0071	0.048
Endosulfan I	0.012	U	0.012	0.048
Endosulfan II	0.011	U	0.011	0.048
Endosulfan sulfate	0.010	U	0.010	0.048
Endrin	0.010	U	0.010	0.048
Endrin aldehyde	0.010	U	0.010	0.048
Endrin ketone	0.0095	U Q	0.0074	0.048
gamma-BHC (Lindane)	0.0095	U	0.0061	0.048
gamma-Chlordane	0.011	U	0.011	0.048
Heptachlor	0.0095	U	0.0076	0.048
Heptachlor epoxide	0.0095	U	0.0068	0.048
Methoxychlor	0.030	U	0.030	0.095
Toxaphene	0.48	U	0.30	1.9

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	58		30 - 135
Tetrachloro-m-xylene	85		25 - 140

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030
Client Matrix: Water Date Received: 12/11/2012 1802

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-69152	Instrument ID:	A2HP9
Prep Method:	3520C	Prep Batch:	240-68554	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/18/2012 1246			Injection Volume:	1 uL
Prep Date:	12/13/2012 1140			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	58		30 - 135
Tetrachloro-m-xylene	88		25 - 140

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69978	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-69585	Initial Weight/Volume:	29.70 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/24/2012 1320			Injection Volume:	1 uL
Prep Date:	12/20/2012 1035			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		30	U	19	60
Aroclor-1016		30	U	25	78
Aroclor-1232		30	U	17	54
Aroclor-1242		30	U	16	48
Aroclor-1248		30	U	20	66
Aroclor-1254		30	U	20	66
Aroclor-1260		30	U	20	66

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	60		40 - 140
DCB Decachlorobiphenyl	154	Q	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69978	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-69585	Initial Weight/Volume:	29.70 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/24/2012 1320			Injection Volume:	1 uL
Prep Date:	12/20/2012 1035			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	53		40 - 140
DCB Decachlorobiphenyl	150	Q	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69978	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-69585	Initial Weight/Volume:	30.22 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/24/2012 1335			Injection Volume:	1 uL
Prep Date:	12/20/2012 1035			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		28	U	18	57
Aroclor-1016		28	U	24	74
Aroclor-1232		28	U	16	51
Aroclor-1242		28	U	15	46
Aroclor-1248		28	U	19	63
Aroclor-1254		28	U	19	63
Aroclor-1260		28	U	19	63

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	72		40 - 140
DCB Decachlorobiphenyl	74		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69978	Instrument ID:	A2HP4
Prep Method:	3540C	Prep Batch:	240-69585	Initial Weight/Volume:	30.22 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	12/24/2012 1335			Injection Volume:	1 uL
Prep Date:	12/20/2012 1035			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	64		40 - 140
DCB Decachlorobiphenyl	69		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030
Client Matrix: Water Date Received: 12/11/2012 1802

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69119	Instrument ID:	A2HP13
Prep Method:	3520C	Prep Batch:	240-68553	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/18/2012 0856			Injection Volume:	1 uL
Prep Date:	12/13/2012 1137			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Aroclor-1221	0.19	U	0.12	0.48
Aroclor-1016	0.19	U	0.16	0.48
Aroclor-1232	0.19	U	0.15	0.48
Aroclor-1242	0.38	U	0.21	0.48
Aroclor-1248	0.19	U	0.095	0.48
Aroclor-1254	0.19	U	0.15	0.48
Aroclor-1260	0.19	U	0.16	0.48

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	91		40 - 140
DCB Decachlorobiphenyl	57		40 - 135

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030
Client Matrix: Water Date Received: 12/11/2012 1802

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-69119	Instrument ID:	A2HP13
Prep Method:	3520C	Prep Batch:	240-68553	Initial Weight/Volume:	1050 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	12/18/2012 0856			Injection Volume:	1 uL
Prep Date:	12/13/2012 1137			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		40 - 140
DCB Decachlorobiphenyl	56		40 - 135

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

8151/DOD Herbicides (GC)

Analysis Method:	8151/DOD	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Prep Method:	8151A	Prep Batch:	240-69221	Initial Weight/Volume:	30.37 g
Dilution:	1.0			Final Weight/Volume:	100 mL
Analysis Date:	12/22/2012 2029			Injection Volume:	1 uL
Prep Date:	12/18/2012 1108			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
2,4-D		38	U	21	91
Dalapon		19	U	8.8	45
2,4-DB		38	U	24	91
Dicamba		19	U	9.2	45
Dichlorprop		76	U	42	91
Dinoseb		11	U	11	14
MCPA		3800	U	1900	9100
MCPP		3800	U	1700	9100
Pentachlorophenol		9.4	U	4.9	11
Silvex (2,4,5-TP)		9.4	U	4.7	23
2,4,5-T		9.4	U	4.2	23

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	78		19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

8151/DOD Herbicides (GC)

Analysis Method:	8151/DOD	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Prep Method:	8151A	Prep Batch:	240-69221	Initial Weight/Volume:	30.37 g
Dilution:	1.0			Final Weight/Volume:	100 mL
Analysis Date:	12/22/2012 2029			Injection Volume:	1 uL
Prep Date:	12/18/2012 1108			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	72		19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0076-0001-SO**

Lab Sample ID: 240-18703-19 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 15.8 Date Received: 12/11/2012 1802

8151/DOD Herbicides (GC)

Analysis Method:	8151/DOD	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Prep Method:	8151A	Prep Batch:	240-69221	Initial Weight/Volume:	29.99 g
Dilution:	1.0			Final Weight/Volume:	100 mL
Analysis Date:	12/22/2012 2053			Injection Volume:	1 uL
Prep Date:	12/18/2012 1108			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
2,4-D		40	U	23	95
Dalapon		20	U	9.3	48
2,4-DB		40	U	26	95
Dicamba		20	U	9.6	48
Dichlorprop		79	U	44	95
Dinoseb		12	U	12	14
MCPA		4000	U	2000	9500
MCPP		4000	U	1800	9500
Pentachlorophenol		9.9	U	5.1	12
Silvex (2,4,5-TP)		9.9	U	4.9	24
2,4,5-T		9.9	U	4.5	24

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	75		19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0076-0001-SO**

Lab Sample ID: 240-18703-19 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 15.8 Date Received: 12/11/2012 1802

8151/DOD Herbicides (GC)

Analysis Method:	8151/DOD	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Prep Method:	8151A	Prep Batch:	240-69221	Initial Weight/Volume:	29.99 g
Dilution:	1.0			Final Weight/Volume:	100 mL
Analysis Date:	12/22/2012 2053			Injection Volume:	1 uL
Prep Date:	12/18/2012 1108			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	69		19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0077-0001-SO**

Lab Sample ID: 240-18703-20 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 17.3 Date Received: 12/11/2012 1802

8151/DOD Herbicides (GC)

Analysis Method:	8151/DOD	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Prep Method:	8151A	Prep Batch:	240-69221	Initial Weight/Volume:	30.17 g
Dilution:	1.0			Final Weight/Volume:	100 mL
Analysis Date:	12/22/2012 2116			Injection Volume:	1 uL
Prep Date:	12/18/2012 1108			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
2,4-D		40	U	23	96
Dalapon		20	U	9.4	48
2,4-DB		40	U	26	96
Dicamba		20	U	9.7	48
Dichlorprop		80	U	44	96
Dinoseb		12	U	12	14
MCPA		4000	U	2000	9600
MCPP		4000	U	1800	9600
Pentachlorophenol		10	U	5.2	12
Silvex (2,4,5-TP)		10	U	4.9	24
2,4,5-T		10	U	4.5	24

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	76		19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0077-0001-SO**

Lab Sample ID: 240-18703-20 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 17.3 Date Received: 12/11/2012 1802

8151/DOD Herbicides (GC)

Analysis Method:	8151/DOD	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Prep Method:	8151A	Prep Batch:	240-69221	Initial Weight/Volume:	30.17 g
Dilution:	1.0			Final Weight/Volume:	100 mL
Analysis Date:	12/22/2012 2116			Injection Volume:	1 uL
Prep Date:	12/18/2012 1108			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	69		19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0079-0001-SO**

Lab Sample ID: 240-18703-21 Date Sampled: 12/10/2012 1420
Client Matrix: Solid % Moisture: 23.3 Date Received: 12/11/2012 1802

8151/DOD Herbicides (GC)

Analysis Method:	8151/DOD	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Prep Method:	8151A	Prep Batch:	240-69221	Initial Weight/Volume:	30.13 g
Dilution:	1.0			Final Weight/Volume:	100 mL
Analysis Date:	12/22/2012 2227			Injection Volume:	1 uL
Prep Date:	12/18/2012 1108			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
2,4-D		43	U	25	100
Dalapon		22	U	10	52
2,4-DB		43	U	28	100
Dicamba		22	U	11	52
Dichlorprop		87	U	48	100
Dinoseb		13	U	13	16
MCPA		4300	U	2100	10000
MCPP		4300	U	1900	10000
Pentachlorophenol		11	U	5.6	13
Silvex (2,4,5-TP)		11	U	5.3	26
2,4,5-T		11	U	4.9	26

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	80		19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0079-0001-SO**

Lab Sample ID: 240-18703-21 Date Sampled: 12/10/2012 1420
Client Matrix: Solid % Moisture: 23.3 Date Received: 12/11/2012 1802

8151/DOD Herbicides (GC)

Analysis Method:	8151/DOD	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Prep Method:	8151A	Prep Batch:	240-69221	Initial Weight/Volume:	30.13 g
Dilution:	1.0			Final Weight/Volume:	100 mL
Analysis Date:	12/22/2012 2227			Injection Volume:	1 uL
Prep Date:	12/18/2012 1108			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	76		19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0080-0001-SO**

Lab Sample ID: 240-18703-22 Date Sampled: 12/10/2012 1516
Client Matrix: Solid % Moisture: 15.0 Date Received: 12/11/2012 1802

8151/DOD Herbicides (GC)

Analysis Method:	8151/DOD	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Prep Method:	8151A	Prep Batch:	240-69221	Initial Weight/Volume:	30.30 g
Dilution:	1.0			Final Weight/Volume:	100 mL
Analysis Date:	12/22/2012 2250			Injection Volume:	1 uL
Prep Date:	12/18/2012 1108			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
2,4-D		39	U	22	93
Dalapon		33	J	9.1	47
2,4-DB		39	U	25	93
Dicamba		19	U	9.4	47
Dichlorprop		78	U	43	93
Dinoseb		12	U	12	14
MCPA		3900	U	1900	9300
MCPP		3900	U	1700	9300
Pentachlorophenol		9.7	U	5.0	12
Silvex (2,4,5-TP)		9.7	U	4.8	23
2,4,5-T		9.7	U	4.4	23

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	77		19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0080-0001-SO**

Lab Sample ID: 240-18703-22 Date Sampled: 12/10/2012 1516
Client Matrix: Solid % Moisture: 15.0 Date Received: 12/11/2012 1802

8151/DOD Herbicides (GC)

Analysis Method:	8151/DOD	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Prep Method:	8151A	Prep Batch:	240-69221	Initial Weight/Volume:	30.30 g
Dilution:	1.0			Final Weight/Volume:	100 mL
Analysis Date:	12/22/2012 2250			Injection Volume:	1 uL
Prep Date:	12/18/2012 1108			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	68		19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0081-0001-SO**

Lab Sample ID: 240-18703-23 Date Sampled: 12/10/2012 1450
Client Matrix: Solid % Moisture: 12.0 Date Received: 12/11/2012 1802

8151/DOD Herbicides (GC)

Analysis Method:	8151/DOD	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Prep Method:	8151A	Prep Batch:	240-69221	Initial Weight/Volume:	30.11 g
Dilution:	1.0			Final Weight/Volume:	100 mL
Analysis Date:	12/22/2012 2314			Injection Volume:	1 uL
Prep Date:	12/18/2012 1108			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
2,4-D		38	U	21	91
Dalapon		14	J	8.8	45
2,4-DB		38	U	24	91
Dicamba		19	U	9.2	45
Dichlorprop		75	U	41	91
Dinoseb		11	U	11	14
MCPA		3800	U	1900	9100
MCPP		3800	U	1700	9100
Pentachlorophenol		9.4	U	4.9	11
Silvex (2,4,5-TP)		9.4	U	4.7	23
2,4,5-T		9.4	U	4.2	23

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	82		19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0081-0001-SO**

Lab Sample ID: 240-18703-23 Date Sampled: 12/10/2012 1450
Client Matrix: Solid % Moisture: 12.0 Date Received: 12/11/2012 1802

8151/DOD Herbicides (GC)

Analysis Method:	8151/DOD	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Prep Method:	8151A	Prep Batch:	240-69221	Initial Weight/Volume:	30.11 g
Dilution:	1.0			Final Weight/Volume:	100 mL
Analysis Date:	12/22/2012 2314			Injection Volume:	1 uL
Prep Date:	12/18/2012 1108			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	72		19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030
Client Matrix: Water Date Received: 12/11/2012 1802

8151/DOD Herbicides (GC)

Analysis Method:	8151/DOD	Analysis Batch:	240-68956	Instrument ID:	A2HP1
Prep Method:	8151A	Prep Batch:	240-68522	Initial Weight/Volume:	500 mL
Dilution:	1.0			Final Weight/Volume:	100 mL
Analysis Date:	12/17/2012 1553			Injection Volume:	1 uL
Prep Date:	12/13/2012 0953			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
2,4-D	0.50	U	0.41	4.0
Dalapon	0.20	U	0.17	2.0
2,4-DB	1.0	U	0.69	4.0
Dicamba	1.0	U	0.52	2.0
Dichlorprop	1.0	U	0.86	4.0
Dinoseb	0.20	U	0.087	0.60
MCPA	400	U	390	400
MCPP	400	U	400	400
Pentachlorophenol	0.040	U	0.024	0.10
Silvex (2,4,5-TP)	0.20	U	0.20	1.0
2,4,5-T	0.50	U	0.30	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	69		32 - 112

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030
Client Matrix: Water Date Received: 12/11/2012 1802

8151/DOD Herbicides (GC)

Analysis Method:	8151/DOD	Analysis Batch:	240-68956	Instrument ID:	A2HP1
Prep Method:	8151A	Prep Batch:	240-68522	Initial Weight/Volume:	500 mL
Dilution:	1.0			Final Weight/Volume:	100 mL
Analysis Date:	12/17/2012 1553			Injection Volume:	1 uL
Prep Date:	12/13/2012 0953			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4-Dichlorophenylacetic acid	84		32 - 112

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid Date Received: 12/11/2012 1802

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:	320-0001969-040-1.d
Dilution:	1.0			Initial Weight/Volume:	2.04 g
Analysis Date:	12/27/2012 0102			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: 240-18703-1

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345
Client Matrix: Solid Date Received: 12/11/2012 1802

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:	320-0001969-041-1.d
Dilution:	1.0			Initial Weight/Volume:	1.99 g
Analysis Date:	12/27/2012 0116			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: 240-18703-1

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030
Client Matrix: Water Date Received: 12/11/2012 1802

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-7855	Instrument ID:	PDA1
Prep Method:	Filtration	Prep Batch:	320-7807	Lab File ID:	320-0001969-053-1.d
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	12/27/2012 0408			Final Weight/Volume:	10 mL
Prep Date:	12/24/2012 1240			Injection Volume:	50 uL

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Nitroguanidine	6.0	U	2.4	20

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid Date Received: 12/11/2012 1802

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:	10.03 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	12/20/2012 2154			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	99		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345
Client Matrix: Solid Date Received: 12/11/2012 1802

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 2234			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: 240-18703-1

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030
Client Matrix: Water Date Received: 12/11/2012 1802

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-7620	Instrument ID:	LC10
Prep Method:	8330-Prep	Prep Batch:	320-7404	Initial Weight/Volume:	1000.3 mL
Dilution:	1.0			Final Weight/Volume:	20 mL
Analysis Date:	12/21/2012 1442			Injection Volume:	500 uL
Prep Date:	12/14/2012 1107			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
1,3,5-Trinitrobenzene	0.050	U	0.031	0.10
1,3-Dinitrobenzene	0.10	U	0.050	0.10
2,4,6-Trinitrotoluene	0.10	U	0.050	0.10
2,4-Dinitrotoluene	0.10	U	0.050	0.10
2,6-Dinitrotoluene	0.10	U	0.050	0.10
2-Amino-4,6-dinitrotoluene	0.10	U	0.015	0.20
2-Nitrotoluene	0.10	U	0.088	0.50
3-Nitrotoluene	0.10	U	0.057	0.50
4-Nitrotoluene	0.10	U	0.088	0.50
4-Amino-2,6-dinitrotoluene	0.10	U	0.050	0.10
HMX	0.050	U	0.036	0.10
RDX	0.050	U	0.036	0.10
Nitrobenzene	0.10	U	0.050	0.10
Tetryl	0.10	U	0.050	0.10
Nitroglycerin	0.50	U	0.33	0.65
PETN	0.50	U	0.30	0.65

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	94		79 - 111

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0092-0001-SO**

Lab Sample ID: 240-18703-1 Date Sampled: 12/10/2012 1237
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

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:	1.30 g
Analysis Date:	12/29/2012 0151			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1242				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.025	J	0.010	0.088
Aluminum		7700		0.25	2.6
Arsenic		15		0.016	0.088
Barium		25	Q	0.0094	0.88
Beryllium		0.38		0.0066	0.088
Calcium		5100		1.2	8.8
Cadmium		0.14		0.012	0.088
Chromium		12		0.020	0.18
Cobalt		9.3	Q	0.0021	0.044
Copper		16	Q	0.029	0.18
Iron		23000		0.95	4.4
Magnesium		4200		0.95	8.8
Manganese		260		0.014	0.44
Sodium		43		2.3	8.8
Nickel		21		0.010	0.088
Lead		9.3		0.014	0.088
Antimony		0.053	J	0.040	0.18
Thallium		0.11		0.0090	0.088
Vanadium		12		0.026	0.088
Zinc		48	Q	0.057	0.44
Potassium		1100		2.8	8.8
Selenium		0.32	J 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			Initial Weight/Volume:	0.54 g
Analysis Date:	12/18/2012 1201			Final Weight/Volume:	100 mL
Prep Date:	12/17/2012 1515				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.042	U	0.018	0.13

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.03 g
Analysis Date:	12/29/2012 1738			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.031	J	0.013	0.11
Aluminum		10000		0.33	3.4
Arsenic		15		0.021	0.11
Barium		38	Q	0.012	1.1
Beryllium		0.47		0.0086	0.11
Calcium		7500		1.5	11
Cadmium		0.14		0.015	0.11
Chromium		14		0.026	0.23
Cobalt		12	Q	0.0028	0.057
Copper		55	Q	0.038	0.23
Iron		26000		1.2	5.7
Magnesium		5500		1.2	11
Manganese		440		0.018	0.57
Sodium		83		3.1	11
Nickel		27		0.013	0.11
Lead		13		0.018	0.11
Antimony		0.11	U	0.053	0.23
Thallium		0.15		0.012	0.11
Vanadium		16		0.034	0.11
Zinc		55	Q	0.074	0.57
Potassium		1600		3.6	11
Selenium		0.54	J	0.058	0.57

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.56 g
Analysis Date:	12/28/2012 1638			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.042	U	0.018	0.13

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0083-0001-SO**

Lab Sample ID: 240-18703-9 Date Sampled: 12/10/2012 1115
Client Matrix: Solid % Moisture: 14.5 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.14 g
Analysis Date:	12/29/2012 1742			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.031	J	0.012	0.10
Aluminum		9800		0.29	3.1
Arsenic		16		0.019	0.10
Barium		33	Q	0.011	1.0
Beryllium		0.46		0.0077	0.10
Calcium		11000		1.4	10
Cadmium		0.14		0.014	0.10
Chromium		14		0.023	0.21
Cobalt		11	Q	0.0025	0.051
Copper		20	Q	0.034	0.21
Iron		26000		1.1	5.1
Magnesium		8700		1.1	10
Manganese		400		0.016	0.51
Sodium		100		2.7	10
Nickel		25		0.012	0.10
Lead		12		0.016	0.10
Antimony		0.10	U	0.047	0.21
Thallium		0.15		0.010	0.10
Vanadium		15		0.031	0.10
Zinc		55	Q	0.066	0.51
Potassium		1600		3.2	10
Selenium		0.47	J	0.052	0.51

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	12/28/2012 1716			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.037	U	0.016	0.11

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0084-0001-SO**

Lab Sample ID: 240-18703-10 Date Sampled: 12/10/2012 1130
Client Matrix: Solid % Moisture: 13.9 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.05 g
Analysis Date:	12/29/2012 1803			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.031	J	0.013	0.11
Aluminum		10000		0.32	3.3
Arsenic		17		0.020	0.11
Barium		35	Q	0.012	1.1
Beryllium		0.48		0.0083	0.11
Calcium		7300		1.5	11
Cadmium		0.14		0.015	0.11
Chromium		14		0.025	0.22
Cobalt		12	Q	0.0027	0.055
Copper		20	Q	0.036	0.22
Iron		27000		1.2	5.5
Magnesium		5300		1.2	11
Manganese		420		0.018	0.55
Sodium		72		2.9	11
Nickel		26		0.012	0.11
Lead		12		0.017	0.11
Antimony		0.30		0.051	0.22
Thallium		0.17		0.011	0.11
Vanadium		15		0.033	0.11
Zinc		56	Q	0.072	0.55
Potassium		1700		3.5	11
Selenium		0.49	J	0.056	0.55

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.54 g
Analysis Date:	12/28/2012 1658			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.043	U	0.018	0.13

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0085-0001-SO**

Lab Sample ID: 240-18703-11 Date Sampled: 12/10/2012 1205
Client Matrix: Solid % Moisture: 15.5 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.05 g
Analysis Date:	12/29/2012 1808			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.030	J	0.013	0.11
Aluminum		9600		0.32	3.4
Arsenic		18		0.020	0.11
Barium		32	Q	0.012	1.1
Beryllium		0.44		0.0085	0.11
Calcium		8400		1.5	11
Cadmium		0.13		0.015	0.11
Chromium		13		0.025	0.23
Cobalt		11	Q	0.0027	0.056
Copper		19	Q	0.037	0.23
Iron		25000		1.2	5.6
Magnesium		5300		1.2	11
Manganese		380		0.018	0.56
Sodium		72		3.0	11
Nickel		23		0.013	0.11
Lead		13		0.017	0.11
Antimony		0.077	J	0.052	0.23
Thallium		0.14		0.011	0.11
Vanadium		15		0.034	0.11
Zinc		52	Q	0.073	0.56
Potassium		1600		3.6	11
Selenium		0.46	J	0.057	0.56

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.53 g
Analysis Date:	12/28/2012 1704			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.044	U	0.019	0.13

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0086-0001-SO**

Lab Sample ID: 240-18703-12 Date Sampled: 12/10/2012 1205
Client Matrix: Solid % Moisture: 12.5 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.13 g
Analysis Date:	12/29/2012 1827			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.022	J	0.012	0.10
Aluminum		8900		0.29	3.0
Arsenic		13		0.018	0.10
Barium		27	Q	0.011	1.0
Beryllium		0.35		0.0076	0.10
Calcium		5200		1.3	10
Cadmium		0.092	J	0.013	0.10
Chromium		11		0.023	0.20
Cobalt		8.5	Q	0.0024	0.051
Copper		15	Q	0.033	0.20
Iron		22000		1.1	5.1
Magnesium		4200		1.1	10
Manganese		260		0.016	0.51
Sodium		63		2.7	10
Nickel		19		0.011	0.10
Lead		9.3		0.016	0.10
Antimony		0.10	U	0.046	0.20
Thallium		0.10		0.010	0.10
Vanadium		13		0.030	0.10
Zinc		44	Q	0.066	0.51
Potassium		1400		3.2	10
Selenium		0.40	J	0.051	0.51

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.56 g
Analysis Date:	12/28/2012 1712			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.040	U	0.017	0.12

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0087-0001-SO**

Lab Sample ID: 240-18703-13 Date Sampled: 12/10/2012 0910
Client Matrix: Solid % Moisture: 5.8 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.17 g
Analysis Date:	12/29/2012 1832			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.022	J	0.010	0.091
Aluminum		7400		0.26	2.7
Arsenic		8.9		0.016	0.091
Barium		39	Q	0.0097	0.91
Beryllium		0.41		0.0068	0.091
Calcium		1600		1.2	9.1
Cadmium		0.16		0.012	0.091
Chromium		10		0.020	0.18
Cobalt		7.7	Q	0.0022	0.045
Copper		13	Q	0.030	0.18
Iron		19000		0.98	4.5
Magnesium		2000		0.98	9.1
Manganese		360		0.014	0.45
Sodium		47		2.4	9.1
Nickel		16		0.010	0.091
Lead		13		0.014	0.091
Antimony		0.091	U	0.042	0.18
Thallium		0.13		0.0093	0.091
Vanadium		13		0.027	0.091
Zinc		53	Q	0.059	0.45
Potassium		1000		2.9	9.1
Selenium		0.41	J	0.046	0.45

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	12/28/2012 1722			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.034	U	0.014	0.10

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0088-0001-SO**

Lab Sample ID: 240-18703-14 Date Sampled: 12/10/2012 0930
Client Matrix: Solid % Moisture: 9.0 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.09 g
Analysis Date:	12/29/2012 1836			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.018	J	0.011	0.10
Aluminum		5500		0.29	3.0
Arsenic		6.2		0.018	0.10
Barium		30	Q	0.011	1.0
Beryllium		0.36		0.0076	0.10
Calcium		1300		1.3	10
Cadmium		0.14		0.013	0.10
Chromium		7.2		0.022	0.20
Cobalt		5.4	Q	0.0024	0.050
Copper		9.1	Q	0.033	0.20
Iron		16000		1.1	5.0
Magnesium		1400		1.1	10
Manganese		230		0.016	0.50
Sodium		54		2.7	10
Nickel		12		0.011	0.10
Lead		12		0.016	0.10
Antimony		0.10	U	0.046	0.20
Thallium		0.11		0.010	0.10
Vanadium		9.6		0.030	0.10
Zinc		46	Q	0.065	0.50
Potassium		830		3.2	10
Selenium		0.32	J	0.051	0.50

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.57 g
Analysis Date:	12/28/2012 1648			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.016	J	0.016	0.12

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0089-0001-SO**

Lab Sample ID: 240-18703-15 Date Sampled: 12/10/2012 0940
Client Matrix: Solid % Moisture: 10.0 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.08 g
Analysis Date:	12/29/2012 1840			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.023	J	0.012	0.10
Aluminum		10000		0.29	3.1
Arsenic		13		0.019	0.10
Barium		47	Q	0.011	1.0
Beryllium		0.48		0.0077	0.10
Calcium		1400		1.4	10
Cadmium		0.18		0.014	0.10
Chromium		14		0.023	0.21
Cobalt		9.3	Q	0.0025	0.051
Copper		18	Q	0.034	0.21
Iron		23000		1.1	5.1
Magnesium		2900		1.1	10
Manganese		330		0.016	0.51
Sodium		60		2.7	10
Nickel		22		0.012	0.10
Lead		14		0.016	0.10
Antimony		0.10	U	0.047	0.21
Thallium		0.14		0.010	0.10
Vanadium		16		0.031	0.10
Zinc		55	Q	0.067	0.51
Potassium		1200		3.2	10
Selenium		0.46	J	0.052	0.51

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.65 g
Analysis Date:	12/28/2012 1646			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.014	J	0.014	0.10

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0090-0001-SO**

Lab Sample ID: 240-18703-16 Date Sampled: 12/10/2012 0955
Client Matrix: Solid % Moisture: 9.9 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.07 g
Analysis Date:	12/29/2012 1844			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.013	J	0.012	0.10
Aluminum		4100		0.30	3.1
Arsenic		4.2		0.019	0.10
Barium		23	Q	0.011	1.0
Beryllium		0.28		0.0078	0.10
Calcium		870		1.4	10
Cadmium		0.11		0.014	0.10
Chromium		5.8		0.023	0.21
Cobalt		4.5	Q	0.0025	0.052
Copper		7.0	Q	0.034	0.21
Iron		13000		1.1	5.2
Magnesium		1200		1.1	10
Manganese		220		0.016	0.52
Sodium		33		2.8	10
Nickel		9.2		0.012	0.10
Lead		9.6		0.016	0.10
Antimony		0.10	U	0.048	0.21
Thallium		0.075	J	0.011	0.10
Vanadium		7.8		0.031	0.10
Zinc		38	Q	0.067	0.52
Potassium		670		3.3	10
Selenium		0.28	J	0.053	0.52

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	12/28/2012 1706			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.035	U	0.015	0.11

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0091-0001-SO**

Lab Sample ID: 240-18703-17 Date Sampled: 12/10/2012 1225
Client Matrix: Solid % Moisture: 12.4 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.03 g
Analysis Date:	12/29/2012 1849			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.025	J	0.013	0.11
Aluminum		10000		0.32	3.3
Arsenic		16		0.020	0.11
Barium		31	Q	0.012	1.1
Beryllium		0.46		0.0083	0.11
Calcium		5700		1.5	11
Cadmium		0.15		0.015	0.11
Chromium		14		0.025	0.22
Cobalt		11	Q	0.0027	0.055
Copper		20	Q	0.037	0.22
Iron		26000		1.2	5.5
Magnesium		5400		1.2	11
Manganese		380		0.018	0.55
Sodium		72		2.9	11
Nickel		24		0.013	0.11
Lead		12		0.017	0.11
Antimony		0.11	U	0.051	0.22
Thallium		0.14		0.011	0.11
Vanadium		15		0.033	0.11
Zinc		55	Q	0.072	0.55
Potassium		1700		3.5	11
Selenium		0.49	J	0.056	0.55

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	12/28/2012 1650			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.035	U	0.015	0.11

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345
Client Matrix: Solid % Moisture: 12.8 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.07 g
Analysis Date:	12/29/2012 1853			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.044	J	0.012	0.11
Aluminum		14000		0.31	3.2
Arsenic		12		0.019	0.11
Barium		53	Q	0.011	1.1
Beryllium		0.63		0.0080	0.11
Calcium		2000		1.4	11
Cadmium		0.16		0.014	0.11
Chromium		19		0.024	0.21
Cobalt		11	Q	0.0026	0.054
Copper		19	Q	0.035	0.21
Iron		28000		1.2	5.4
Magnesium		4800		1.2	11
Manganese		180		0.017	0.54
Sodium		77		2.8	11
Nickel		28		0.012	0.11
Lead		12		0.017	0.11
Antimony		0.11	U	0.049	0.21
Thallium		0.17		0.011	0.11
Vanadium		19		0.032	0.11
Zinc		66	Q	0.069	0.54
Potassium		2100		3.4	11
Selenium		0.50	J	0.055	0.54

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	12/28/2012 1724			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.037	U	0.016	0.11

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0076-0001-SO**

Lab Sample ID: 240-18703-19 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 15.8 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.08 g
Analysis Date:	12/29/2012 1857			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.037	J	0.013	0.11
Aluminum		12000		0.31	3.3
Arsenic		14		0.020	0.11
Barium		56	Q	0.012	1.1
Beryllium		0.55		0.0082	0.11
Calcium		1300		1.5	11
Cadmium		0.18		0.015	0.11
Chromium		14		0.025	0.22
Cobalt		9.2	Q	0.0026	0.055
Copper		14	Q	0.036	0.22
Iron		24000		1.2	5.5
Magnesium		2600		1.2	11
Manganese		330		0.017	0.55
Sodium		45		2.9	11
Nickel		19		0.012	0.11
Lead		20		0.017	0.11
Antimony		0.11	U	0.050	0.22
Thallium		0.15		0.011	0.11
Vanadium		19		0.033	0.11
Zinc		52	Q	0.071	0.55
Potassium		1200		3.5	11
Selenium		0.56		0.056	0.55

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.52 g
Analysis Date:	12/28/2012 1644			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.045	U	0.019	0.14

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0077-0001-SO**

Lab Sample ID: 240-18703-20 Date Sampled: 12/10/2012 1400
Client Matrix: Solid % Moisture: 17.3 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.09 g
Analysis Date:	12/29/2012 1902			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.045	J	0.013	0.11
Aluminum		11000		0.32	3.3
Arsenic		15		0.020	0.11
Barium		95	Q	0.012	1.1
Beryllium		0.56		0.0083	0.11
Calcium		1400		1.5	11
Cadmium		0.22		0.015	0.11
Chromium		13		0.025	0.22
Cobalt		15	Q	0.0027	0.055
Copper		9.9	Q	0.037	0.22
Iron		24000		1.2	5.5
Magnesium		2000		1.2	11
Manganese		1700		0.018	0.55
Sodium		36		2.9	11
Nickel		15		0.013	0.11
Lead		19		0.017	0.11
Antimony		0.11	U	0.051	0.22
Thallium		0.16		0.011	0.11
Vanadium		21		0.033	0.11
Zinc		45	Q	0.072	0.55
Potassium		820		3.5	11
Selenium		0.70		0.056	0.55

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.54 g
Analysis Date:	12/28/2012 1710			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.044	U	0.019	0.13

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0079-0001-SO**

Lab Sample ID: 240-18703-21 Date Sampled: 12/10/2012 1420
Client Matrix: Solid % Moisture: 23.3 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.06 g
Analysis Date:	12/29/2012 1906			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.042	J	0.014	0.12
Aluminum		13000		0.35	3.7
Arsenic		14		0.022	0.12
Barium		69	Q	0.013	1.2
Beryllium		0.60		0.0092	0.12
Calcium		1600		1.6	12
Cadmium		0.20		0.016	0.12
Chromium		16		0.027	0.25
Cobalt		10	Q	0.0030	0.062
Copper		14	Q	0.041	0.25
Iron		30000		1.3	6.2
Magnesium		2700		1.3	12
Manganese		660		0.020	0.62
Sodium		44		3.3	12
Nickel		19		0.014	0.12
Lead		46		0.019	0.12
Antimony		0.12	U	0.056	0.25
Thallium		0.18		0.013	0.12
Vanadium		24		0.037	0.12
Zinc		57	Q	0.080	0.62
Potassium		1100		3.9	12
Selenium		0.76		0.063	0.62

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.52 g
Analysis Date:	12/28/2012 1700			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.034	J	0.021	0.15

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0080-0001-SO**

Lab Sample ID: 240-18703-22 Date Sampled: 12/10/2012 1516
Client Matrix: Solid % Moisture: 15.0 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.10 g
Analysis Date:	12/29/2012 1926			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.032	J	0.012	0.11
Aluminum		13000		0.30	3.2
Arsenic		17		0.019	0.11
Barium		47	Q	0.011	1.1
Beryllium		0.63		0.0080	0.11
Calcium		4600		1.4	11
Cadmium		0.25		0.014	0.11
Chromium		18		0.024	0.21
Cobalt		14	Q	0.0026	0.053
Copper		19	Q	0.035	0.21
Iron		31000		1.2	5.3
Magnesium		5800		1.2	11
Manganese		350		0.017	0.53
Sodium		74		2.8	11
Nickel		30		0.012	0.11
Lead		13		0.016	0.11
Antimony		0.11	U	0.049	0.21
Thallium		0.14		0.011	0.11
Vanadium		18		0.032	0.11
Zinc		130	Q	0.069	0.53
Potassium		2200		3.4	11
Selenium		0.46	J	0.054	0.53

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.55 g
Analysis Date:	12/28/2012 1652			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.042	U	0.018	0.13

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **072SB-0081-0001-SO**

Lab Sample ID: 240-18703-23 Date Sampled: 12/10/2012 1450
Client Matrix: Solid % Moisture: 12.0 Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	180-59733	Instrument ID:	M
Prep Method:	3050B	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0			Initial Weight/Volume:	00001.15 g
Analysis Date:	12/29/2012 1930			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Silver		0.033	J	0.011	0.099
Aluminum		14000		0.28	3.0
Arsenic		17		0.018	0.099
Barium		44	Q	0.011	0.99
Beryllium		0.66		0.0074	0.099
Calcium		4300		1.3	9.9
Cadmium		0.15		0.013	0.099
Chromium		18		0.022	0.20
Cobalt		12	Q	0.0024	0.049
Copper		18	Q	0.033	0.20
Iron		30000		1.1	4.9
Magnesium		5800		1.1	9.9
Manganese		250		0.016	0.49
Sodium		80		2.6	9.9
Nickel		28		0.011	0.099
Lead		12		0.015	0.099
Antimony		0.099	U	0.045	0.20
Thallium		0.14		0.010	0.099
Vanadium		19		0.030	0.099
Zinc		60	Q	0.064	0.49
Potassium		2200		3.1	9.9
Selenium		0.51		0.050	0.49

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-70525	Instrument ID:	H4
Prep Method:	7471A	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0			Initial Weight/Volume:	0.59 g
Analysis Date:	12/28/2012 1702			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Mercury		0.038	U	0.016	0.12

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030
Client Matrix: Water Date Received: 12/11/2012 1802

6020/DOD Metals (ICP/MS)-Total Recoverable

Analysis Method:	6020/DOD	Analysis Batch:	180-59694	Instrument ID:	M
Prep Method:	3005A	Prep Batch:	180-59308	Lab File ID:	M21228A.xml
Dilution:	1.0			Initial Weight/Volume:	50 mL
Analysis Date:	12/29/2012 0358			Final Weight/Volume:	50 mL
Prep Date:	12/24/2012 1024				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Silver	0.20	U	0.11	1.0
Aluminum	14	J	2.6	30
Arsenic	0.50	U	0.29	1.0
Barium	0.43	J Q	0.098	10
Beryllium	0.090	U	0.045	1.0
Calcium	82	J	9.4	100
Cadmium	0.30	U	0.13	1.0
Chromium	0.76	J	0.54	2.0
Cobalt	0.036	J Q	0.026	0.50
Copper	0.50	U Q	0.24	2.0
Iron	20	J	11	50
Magnesium	22	U	11	100
Manganese	1.9	J	0.16	5.0
Sodium	150		27	100
Nickel	0.47	J	0.17	1.0
Lead	0.30	U	0.15	1.0
Antimony	0.90	U	0.46	2.0
Thallium	0.25	J	0.10	1.0
Vanadium	0.60	U	0.30	1.0
Zinc	1.1	J Q	0.96	5.0
Potassium	60	U	32	100
Selenium	1.0	U Q	0.51	5.0

7470A/DOD Mercury (CVAA)

Analysis Method:	7470A/DOD	Analysis Batch:	240-70694	Instrument ID:	H1
Prep Method:	7470A	Prep Batch:	240-70255	Lab File ID:	122912A-HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	12/29/2012 1206			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1600				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
Mercury	0.20	U	0.12	0.20

General Chemistry

Client Sample ID: **072SB-0092-0001-SO**

Lab Sample ID: 240-18703-1 Date Sampled: 12/10/2012 1237

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0082-0001-SO**

Lab Sample ID: 240-18703-8 Date Sampled: 12/10/2012 1045

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Nitrocellulose	9.5	J	mg/Kg	7.6	49	1.0	WS-WC-0050
Analysis Batch: 320-8137	Analysis Date: 12/20/2012 1316						DryWt Corrected: Y
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **072SB-0083-0001-SO**

Lab Sample ID: 240-18703-9 Date Sampled: 12/10/2012 1115

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	86		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	14		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0084-0001-SO**

Lab Sample ID: 240-18703-10 Date Sampled: 12/10/2012 1130

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	86		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	14		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0085-0001-SO**

Lab Sample ID: 240-18703-11 Date Sampled: 12/10/2012 1205

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0086-0001-SO**

Lab Sample ID: 240-18703-12 Date Sampled: 12/10/2012 1205

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	88		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	12		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0087-0001-SO**

Lab Sample ID: 240-18703-13 Date Sampled: 12/10/2012 0910

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	94		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	5.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0088-0001-SO**

Lab Sample ID: 240-18703-14 Date Sampled: 12/10/2012 0930

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	91		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	9.0		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0089-0001-SO**

Lab Sample ID: 240-18703-15 Date Sampled: 12/10/2012 0940

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	90		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	10		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0090-0001-SO**

Lab Sample ID: 240-18703-16 Date Sampled: 12/10/2012 0955

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	90		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	9.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

Client: Environmental Chemical Corp. Job Number: 240-18703-1

General Chemistry

Client Sample ID: **072SB-0091-0001-SO**

Lab Sample ID: 240-18703-17 Date Sampled: 12/10/2012 1225
Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	88		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	12		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0075-0001-SO**

Lab Sample ID: 240-18703-18 Date Sampled: 12/10/2012 1345

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Nitrocellulose	11	J	mg/Kg	8.6	55	1.0	WS-WC-0050
Analysis Batch: 320-8137	Analysis Date: 12/20/2012 1318						DryWt Corrected: Y
Prep Batch: 320-7638	Prep Date: 12/20/2012 0801						

General Chemistry

Client Sample ID: **072SB-0076-0001-SO**

Lab Sample ID: 240-18703-19 Date Sampled: 12/10/2012 1400

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0077-0001-SO**

Lab Sample ID: 240-18703-20 Date Sampled: 12/10/2012 1400

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	83		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	17		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0079-0001-SO**

Lab Sample ID: 240-18703-21 Date Sampled: 12/10/2012 1420

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	77		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	23		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

Client: Environmental Chemical Corp. Job Number: 240-18703-1

General Chemistry

Client Sample ID: **072SB-0080-0001-SO**

Lab Sample ID: 240-18703-22 Date Sampled: 12/10/2012 1516
Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **072SB-0081-0001-SO**

Lab Sample ID: 240-18703-23 Date Sampled: 12/10/2012 1450

Client Matrix: Solid Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	88		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N
Percent Moisture	12		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-68573	Analysis Date: 12/13/2012 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **076-0140-0001-ER**

Lab Sample ID: 240-18703-24 Date Sampled: 12/09/2012 1030

Client Matrix: Water Date Received: 12/11/2012 1802

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Nitrocellulose	1.0	U	mg/L	0.48	2.0	1.0	WS-WC-0050
Analysis Batch: 320-8009	Analysis Date: 12/27/2012 1337						
Prep Batch: 320-7878	Prep Date: 12/27/2012 0607						

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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 240-68905/5		98	98	98	100
MRL 240-68905/33		93	93	94	98
MRL 240-69093/6		89	81	92	90
MRL 240-69093/34		92	88	97	96

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: 240-18703-1

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
240-18703-1	072SB-0092-0001-SO	93	95	90	91
240-18703-8	072SB-0082-0001-SO	91	91	92	90
240-18703-9	072SB-0083-0001-SO	90	90	91	91
240-18703-10	072SB-0084-0001-SO	85	82	91	83Q
240-18703-11	072SB-0085-0001-SO	97	97	100	100
240-18703-12	072SB-0086-0001-SO	85	84	96	86
240-18703-13	072SB-0087-0001-SO	91	93	96	92
240-18703-14	072SB-0088-0001-SO	92	87	97	85
240-18703-15	072SB-0089-0001-SO	94	90	98	89
240-18703-16	072SB-0090-0001-SO	88	90	94	91
240-18703-17	072SB-0091-0001-SO	89	87	96	85
240-18703-18	072SB-0075-0001-SO	97	104	94	95
240-18703-19	072SB-0076-0001-SO	87	86	104	92
240-18703-20	072SB-0077-0001-SO	93	96	94	95
240-18703-21	072SB-0079-0001-SO	90	85	107	90
240-18703-22	072SB-0080-0001-SO	90	94	113	95
240-18703-23	072SB-0081-0001-SO	94	87	101	88
MB 240-68905/7		98	102	98	98
MB 240-69093/8		93	88	98	95
LCS 240-68905/6		103	103	102	101
LCS 240-69093/7		94	87	97	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: 240-18703-1

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 240-69591/5		99	88	97	97
MRL 240-69591/18		98	92	99	101

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: 240-18703-1

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
240-18703-2	076SB-0137-0001-TB	101	90	94	91
240-18703-3	076SB-0138-0001-TB	102	94	94	91
240-18703-4	076SB-0139-0001-TB	103	92	93	90
240-18703-24	076-0140-0001-ER	98	89	92	90
240-18703-25	076-0141-0001-TB	102	92	95	90
240-18703-26	076-0142-0001-TB	101	92	96	91
MB 240-69591/6		99	91	95	91
LCS 240-69591/4		98	90	98	107
240-18703-24 MS	076-0140-0001-ER MS	99	88	100	107
240-18703-24 MSD	076-0140-0001-ER MSD	99	95	99	108

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: 240-18703-1

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
240-18703-1	072SB-0092-0001-SO	70	72	57	52	50	67
240-18703-8	072SB-0082-0001-SO	72	69	57	50	57	70
240-18703-9	072SB-0083-0001-SO	71	73	59	53	53	66
240-18703-10	072SB-0084-0001-SO	77	77	65	56	50	70
240-18703-11	072SB-0085-0001-SO	75	79	64	55	47	71
240-18703-12	072SB-0086-0001-SO	78	77	61	57	47	69
240-18703-13	072SB-0087-0001-SO	77	74	61	54	53	64
240-18703-14	072SB-0088-0001-SO	76	74	56	51	62	62
240-18703-15	072SB-0089-0001-SO	70	69	56	51	52	63
240-18703-16	072SB-0090-0001-SO	72	70	59	50	61	63
240-18703-17	072SB-0091-0001-SO	72	71	56	51	56	70
240-18703-18	072SB-0075-0001-SO	78	75	60	57	50	68
240-18703-19	072SB-0076-0001-SO	66	66	59	51	58	69
240-18703-20	072SB-0077-0001-SO	72	70	57	49	49	67
240-18703-21	072SB-0079-0001-SO	70	73	50	48	60	61
240-18703-22	072SB-0080-0001-SO	72	71	60	54	56	68
240-18703-23	072SB-0081-0001-SO	65	67	51	50	54	65
MB 240-69569/23-A		81	78	64	57	71	75
MB 240-69614/23-A		63	64	50	47	52	57
MB 240-69993/23-A		73	74	61	59	61	72
LCS 240-69569/24-A		74	72	64	56	76	72
LCS 240-69614/24-A		66	66	51	51	71	64
LCS 240-69993/24-A		60	60	57	54	69	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: 240-18703-1

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 240-69988/3		102	102Q	108Q	96	106	98
MRL 240-69988/25		109Q	107Q	104Q	99	98	95
MRL 240-70697/4		107Q	107Q	104Q	102	109	103
MRL 240-70697/13		109Q	109Q	103Q	103	105	102

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: 240-18703-1

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
240-18703-24	076-0140-0001-ER	60	64	69	66	69	76
MB 240-68547/18-A		68	69	76	77	77	84
LCS 240-68547/19-A		72	73	78	74	83	83

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	20-110
PHL = Phenol-d5 (Surr)	10-115
NBZ = Nitrobenzene-d5 (Surr)	40-110
FBP = 2-Fluorobiphenyl (Surr)	50-110
TBP = 2,4,6-Tribromophenol (Surr)	40-125
TPH = Terphenyl-d14 (Surr)	50-135

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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 240-68962/3		105	105	108	112Q	119	107
MRL 240-68962/10		102	105	109	110	127Q	110

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)	70-130
TBP = 2,4,6-Tribromophenol (Surr)	50-150
TPH = Terphenyl-d14 (Surr)	50-150

Client: Environmental Chemical Corp.

Job Number: 240-18703-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
240-18703-1	072SB-0092-0001-SO	85
240-18703-9	072SB-0083-0001-SO	73
240-18703-10	072SB-0084-0001-SO	83
240-18703-11	072SB-0085-0001-SO	80
240-18703-12	072SB-0086-0001-SO	60
240-18703-13	072SB-0087-0001-SO	79
240-18703-14	072SB-0088-0001-SO	82
240-18703-15	072SB-0089-0001-SO	72
240-18703-16	072SB-0090-0001-SO	83
240-18703-17	072SB-0091-0001-SO	78
240-18703-18	072SB-0075-0001-SO	77
240-18703-19	072SB-0076-0001-SO	75
240-18703-20	072SB-0077-0001-SO	333Q
240-18703-21	072SB-0079-0001-SO	97M
240-18703-22	072SB-0080-0001-SO	232Q
240-18703-23	072SB-0081-0001-SO	60
MB 240-69738/52		89
LCS 240-69738/53		101

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	10-150

Client: Environmental Chemical Corp.

Job Number: 240-18703-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
MRL 240-69738/51		85
MRL 240-69738/76		84

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	70-130

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
240-18703-8	072SB-0082-0001-SO	73
240-18703-8 RA	072SB-0082-0001-SO RA	69
240-18703-20	072SB-0077-0001-SO	73
240-18703-22	072SB-0080-0001-SO	75
MB 240-69748/1-A		89
LCS 240-69748/2-A		102
MRL 240-69965/5		85
MRL 240-69965/15		5Q
MRL 240-70834/28		77
MRL 240-70834/33		0Q

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	10-150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TFT1 %Rec
240-18703-5	076SB-0143-0001-TB	84
240-18703-6	076SB-0144-0001-TB	77
240-18703-7	076SB-0145-0001-TB	62
240-18703-24	076-0140-0001-ER	79
240-18703-25	076-0141-0001-TB	64
240-18703-26	076-0142-0001-TB	85
MB 240-69738/36		76
LCS 240-69738/37		92
240-18703-24 MS	076-0140-0001-ER MS	88
240-18703-24 MSD	076-0140-0001-ER MSD	88M

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	10-150

Client: Environmental Chemical Corp.

Job Number: 240-18703-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TFT1 %Rec
MRL 240-69738/35		85

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	70-130

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Surrogate Recovery Report

8015B_DRO/DOD_Diesel Range Organics (DRO) (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	C9 %Rec
240-18703-1	072SB-0092-0001-SO	54
240-18703-8	072SB-0082-0001-SO	52
240-18703-9	072SB-0083-0001-SO	62
240-18703-10	072SB-0084-0001-SO	60
240-18703-11	072SB-0085-0001-SO	64
240-18703-12	072SB-0086-0001-SO	62
240-18703-13	072SB-0087-0001-SO	68
240-18703-14	072SB-0088-0001-SO	53
240-18703-15	072SB-0089-0001-SO	59
240-18703-16	072SB-0090-0001-SO	48
240-18703-17	072SB-0091-0001-SO	49
240-18703-18	072SB-0075-0001-SO	47
240-18703-19	072SB-0076-0001-SO	50
240-18703-20	072SB-0077-0001-SO	49
240-18703-21	072SB-0079-0001-SO	43
240-18703-22	072SB-0080-0001-SO	48
240-18703-23	072SB-0081-0001-SO	54
MB 240-69559/17-A		64
MB 240-69794/6-A		62
MB 240-69985/23-A		48
LCS 240-69559/18-A		68
LCS 240-69794/7-A		67
LCS 240-69985/24-A		54
240-18703-8 MS	072SB-0082-0001-SO MS	59
240-18703-8 MSD	072SB-0082-0001-SO MSD	60

Surrogate	Acceptance Limits
C9 = n-Nonane	10-110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Surrogate Recovery Report

8015B_DRO/DOD_Diesel Range Organics (DRO) (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	C9 %Rec
MRL 240-70006/5		83
MRL 240-70006/29		88
MRL 240-70185/4		77
MRL 240-70185/33		71

Surrogate	Acceptance Limits
C9 = n-Nonane	70-130

Client: Environmental Chemical Corp.

Job Number: 240-18703-1

Surrogate Recovery Report

8015B_DRO/DOD_Diesel Range Organics (DRO) (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	C9 %Rec
240-18703-24	076-0140-0001-ER	51
MB 240-68549/15-A		50
LCS 240-68549/16-A		74

Surrogate	Acceptance Limits
C9 = n-Nonane	10-110

Client: Environmental Chemical Corp.

Job Number: 240-18703-1

Surrogate Recovery Report

8015B_DRO/DOD_Diesel Range Organics (DRO) (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	C9 %Rec
MRL 240-68949/4		74
MRL 240-68949/23		78

Surrogate	Acceptance Limits
C9 = n-Nonane	70-130

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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
240-18703-8	072SB-0082-0001-SO	74	72	88	81
240-18703-18	072SB-0075-0001-SO	81	82	83	80
MB 240-69596/9-A		94	88	92	88
LCS 240-69596/10-A		109	107	89	86

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	70-125
DCB = DCB Decachlorobiphenyl	55-130

Client: Environmental Chemical Corp.

Job Number: 240-18703-1

Surrogate Recovery Report

8081/DOD Organochlorine Pesticides (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
240-18703-24	076-0140-0001-ER	85	88	58	58
MB 240-68554/4-A		82	77	77	75M
LCS 240-68554/5-A		76	79	39	41

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	25-140
DCB = DCB Decachlorobiphenyl	30-135

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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
240-18703-8	072SB-0082-0001-SO	60	53	154Q	150Q
240-18703-18	072SB-0075-0001-SO	72	64	74	69
MB 240-69585/23-A		91	79	84	79
LCS 240-69585/24-A		87	82	82	80

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	60-125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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 240-69879/39		121	117	115	113
MRL 240-69978/10		115	109	121	115
MRL 240-69978/22		121	111	261^ Q	119

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	50-150
DCB = DCB Decachlorobiphenyl	50-150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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
240-18703-24	076-0140-0001-ER	91	84	57	56
MB 240-68553/4-A		89	78	76	73
LCS 240-68553/5-A		90	79	70	67

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	40-135

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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 240-69119/4		116	132	95	99
MRL 240-69119/11		112	146Q	101	106

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	50-150
DCB = DCB Decachlorobiphenyl	50-150

Client: Environmental Chemical Corp.

Job Number: 240-18703-1

Surrogate Recovery Report

8151/DOD Herbicides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCPA1 %Rec	DCPA2 %Rec
240-18703-18	072SB-0075-0001-SO	72	78
240-18703-19	072SB-0076-0001-SO	69	75
240-18703-20	072SB-0077-0001-SO	69	76
240-18703-21	072SB-0079-0001-SO	76	80
240-18703-22	072SB-0080-0001-SO	68	77
240-18703-23	072SB-0081-0001-SO	72	82
MB 240-69221/23-A		73	80
LCS 240-69221/24-A		78	88
MRL 240-69890/17		124Q	123Q
MRL 240-69890/46		136Q	133Q

Surrogate	Acceptance Limits
DCPA = 2,4-Dichlorophenylacetic acid	19-122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Surrogate Recovery Report

8151/DOD Herbicides (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCPA1 %Rec	DCPA2 %Rec
240-18703-24	076-0140-0001-ER	69	84
MB 240-68522/21-A		73	87
LCS 240-68522/22-A		89	98
MRL 240-68956/12		116Q	117Q
MRL 240-68956/21		122Q	119Q

Surrogate	Acceptance Limits
DCPA = 2,4-Dichlorophenylacetic acid	32-112

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Surrogate Recovery Report

8330B Nitroaromatics and Nitramines (HPLC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DNT1 %Rec
240-18703-8	072SB-0082-0001-SO	99
240-18703-18	072SB-0075-0001-SO	97
MB 320-7444/1-A		97
LCS 320-7444/2-A		97

Surrogate	Acceptance Limits
DNT = 3,4-Dinitrotoluene	78-118

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Surrogate Recovery Report

8330B Nitroaromatics and Nitramines (HPLC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DNT1 %Rec
240-18703-24	076-0140-0001-ER	94
MB 320-7404/1-A		97
LCS 320-7404/2-A		97

Surrogate	Acceptance Limits
DNT = 3,4-Dinitrotoluene	79-111

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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
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	2.37	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)	1.41	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	1.73	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)	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: 240-18703-1

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
2-Butanone (MEK)	0.0100	0.00944	94	70 - 130	J
Acetone	0.0100	0.00786	79	70 - 130	J
Benzene	0.00500	0.00565	113	70 - 130	
Bromoform	0.00500	0.00458	92	70 - 130	
1,1-Dichloroethane	0.00500	0.00540	108	70 - 130	
Bromomethane	0.00500	0.00534	107	70 - 130	
Carbon disulfide	0.00500	0.00531	106	70 - 130	
1,2-Dichloroethane	0.00500	0.00574	115	70 - 130	
Carbon tetrachloride	0.00500	0.00578	116	70 - 130	
Chlorobenzene	0.00500	0.00571	114	70 - 130	
1,1-Dichloroethene	0.00500	0.00576	115	70 - 130	
Bromodichloromethane	0.00500	0.00555	111	70 - 130	
1,2-Dichloropropane	0.00500	0.00545	109	70 - 130	
Chloromethane	0.00500	0.00541	108	70 - 130	
2-Hexanone	0.0100	0.00682	68	70 - 130	J ^
cis-1,3-Dichloropropene	0.00500	0.00470	94	70 - 130	
Dibromochloromethane	0.00500	0.00457	91	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00726	73	70 - 130	J
Ethylbenzene	0.00500	0.00556	111	70 - 130	
Methyl tert-butyl ether	0.00500	0.00505	101	70 - 130	
Methylene Chloride	0.00500	0.00619	124	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00532	106	70 - 130	
Styrene	0.00500	0.00539	108	70 - 130	
Tetrachloroethene	0.00500	0.00581	116	70 - 130	
Toluene	0.00500	0.00559	112	70 - 130	
Chloroform	0.00500	0.00559	112	70 - 130	
Bromochloromethane	0.00500	0.00560	112	70 - 130	
1,1,1-Trichloroethane	0.00500	0.00597	119	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00457	91	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00519	104	70 - 130	
Trichloroethene	0.00500	0.00544	109	70 - 130	
Vinyl chloride	0.00500	0.00537	107	70 - 130	
Xylenes, Total	0.0150	0.0170	113	70 - 130	
Chloroethane	0.00500	0.00498	100	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

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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
2-Butanone (MEK)	50.0	49.5	99	30 - 160	
Acetone	50.0	60.3	121	20 - 160	
Benzene	25.0	27.7	111	75 - 125	
Bromoform	25.0	24.2	97	55 - 135	
1,1-Dichloroethane	25.0	28.3	113	75 - 125	
Bromomethane	25.0	22.6	91	30 - 160	
Carbon disulfide	25.0	29.1	116	45 - 160	
1,2-Dichloroethane	25.0	28.1	112	70 - 135	
Carbon tetrachloride	25.0	30.7	123	65 - 135	
Chlorobenzene	25.0	26.2	105	75 - 125	
1,1-Dichloroethene	25.0	30.6	122	65 - 135	
Bromodichloromethane	25.0	28.9	116	70 - 130	
1,2-Dichloropropane	25.0	27.6	110	70 - 120	
Chloromethane	25.0	26.3	105	50 - 130	
2-Hexanone	50.0	47.9	96	45 - 145	
cis-1,3-Dichloropropene	25.0	26.1	104	70 - 125	
Dibromochloromethane	25.0	26.6	107	65 - 130	
4-Methyl-2-pentanone (MIBK)	50.0	50.2	100	45 - 145	
Ethylbenzene	25.0	26.8	107	75 - 125	
Methyl tert-butyl ether	25.0	27.4	110	70 - 130	
Methylene Chloride	25.0	30.5	122	55 - 140	
1,1,2,2-Tetrachloroethane	25.0	26.8	107	55 - 130	
Styrene	25.0	28.4	114	75 - 125	
Tetrachloroethene	25.0	25.9	104	65 - 140	
Toluene	25.0	26.1	105	70 - 125	
Chloroform	25.0	27.2	109	70 - 125	
Bromochloromethane	25.0	27.1	108	70 - 125	
1,1,1-Trichloroethane	25.0	29.9	120	70 - 135	
trans-1,3-Dichloropropene	25.0	23.8	95	65 - 125	
1,1,2-Trichloroethane	25.0	26.2	105	60 - 125	
Trichloroethene	25.0	27.1	108	75 - 125	
Vinyl chloride	25.0	25.6	102	60 - 125	
Xylenes, Total	75.0	81.7	109	75 - 125	
Chloroethane	25.0	26.0	104	40 - 155	

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: 240-18703-1

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
2-Butanone (MEK)	0.0100	0.0105	105	70 - 130	
Acetone	0.0100	0.00927	93	70 - 130	J
Benzene	0.00500	0.00535	107	70 - 130	
Bromoform	0.00500	0.00430	86	70 - 130	
1,1-Dichloroethane	0.00500	0.00547	109	70 - 130	
Bromomethane	0.00500	0.00601	120	70 - 130	
Carbon disulfide	0.00500	0.00459	92	70 - 130	
1,2-Dichloroethane	0.00500	0.00571	114	70 - 130	
Carbon tetrachloride	0.00500	0.00475	95	70 - 130	
Chlorobenzene	0.00500	0.00546	109	70 - 130	
1,1-Dichloroethene	0.00500	0.00506	101	70 - 130	
Bromodichloromethane	0.00500	0.00491	98	70 - 130	
1,2-Dichloropropane	0.00500	0.00543	109	70 - 130	
Chloromethane	0.00500	0.00535	107	70 - 130	
2-Hexanone	0.0100	0.00961	96	70 - 130	J
cis-1,3-Dichloropropene	0.00500	0.00453	91	70 - 130	
Dibromochloromethane	0.00500	0.00426	85	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00997	100	70 - 130	J
Ethylbenzene	0.00500	0.00518	104	70 - 130	
Methyl tert-butyl ether	0.00500	0.00525	105	70 - 130	
Methylene Chloride	0.00500	0.00675	135	70 - 130	^
1,1,2,2-Tetrachloroethane	0.00500	0.00535	107	70 - 130	
Styrene	0.00500	0.00531	106	70 - 130	
Tetrachloroethene	0.00500	0.00505	101	70 - 130	
Toluene	0.00500	0.00530	106	70 - 130	
Chloroform	0.00500	0.00541	108	70 - 130	
Bromochloromethane	0.00500	0.00534	107	70 - 130	
1,1,1-Trichloroethane	0.00500	0.00505	101	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00455	91	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00516	103	70 - 130	
Trichloroethene	0.00500	0.00551	110	70 - 130	
Vinyl chloride	0.00500	0.00492	98	70 - 130	
Xylenes, Total	0.0150	0.0161	108	70 - 130	
Chloroethane	0.00500	0.00580	116	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: 240-18703-1

Method Blank - Batch: 240-69093

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MB 240-69093/8	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82565.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/18/2012 0037	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)	88	61 - 130
Toluene-d8 (Surr)	98	85 - 115
4-Bromofluorobenzene (Surr)	95	85 - 120
Dibromofluoromethane (Surr)	93	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69093

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-69093/6	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82563.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/17/2012 2354	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	0.00504	101	70 - 130	
Ethylbenzene	0.00500	0.00483	97	70 - 130	
Methyl tert-butyl ether	0.00500	0.00456	91	70 - 130	
Toluene	0.00500	0.00490	98	70 - 130	
Xylenes, Total	0.0150	0.0149	99	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81	50 - 150
Toluene-d8 (Surr)	92	50 - 150
4-Bromofluorobenzene (Surr)	90	50 - 150
Dibromofluoromethane (Surr)	89	50 - 150

Lab Control Sample - Batch: 240-69093

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	LCS 240-69093/7	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82564.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/18/2012 0015	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	25.9	104	75 - 125	
Ethylbenzene	25.0	25.1	100	75 - 125	
Methyl tert-butyl ether	25.0	26.0	104	70 - 130	
Toluene	25.0	24.7	99	70 - 125	
Xylenes, Total	75.0	78.6	105	75 - 125	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	61 - 130
Toluene-d8 (Surr)	97	85 - 115
4-Bromofluorobenzene (Surr)	93	85 - 120
Dibromofluoromethane (Surr)	94	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69093

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-69093/34	Analysis Batch:	240-69093	Instrument ID:	A3UX8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	UX82591.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/18/2012 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	0.00544	109	70 - 130	
Ethylbenzene	0.00500	0.00533	107	70 - 130	
Methyl tert-butyl ether	0.00500	0.00503	101	70 - 130	
Toluene	0.00500	0.00552	110	70 - 130	
Xylenes, Total	0.0150	0.0163	109	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	50 - 150
Toluene-d8 (Surr)	97	50 - 150
4-Bromofluorobenzene (Surr)	96	50 - 150
Dibromofluoromethane (Surr)	92	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-69591

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	MB 240-69591/6	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1590.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1305	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1305				
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	0.50	U	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)	91	70 - 120
Toluene-d8 (Surr)	95	85 - 120
4-Bromofluorobenzene (Surr)	91	75 - 120
Dibromofluoromethane (Surr)	99	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 240-69591

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	LCS 240-69591/4	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1588.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1221	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1221				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	20.0	18.0	90	30 - 150	
Acetone	20.0	20.6	103	40 - 140	
Benzene	10.0	9.74	97	80 - 120	
Bromoform	10.0	8.65	86	70 - 130	
1,1-Dichloroethane	10.0	9.80	98	70 - 135	
Bromomethane	10.0	8.59	86	30 - 145	
Carbon disulfide	10.0	10.2	102	35 - 160	
1,2-Dichloroethane	10.0	9.38	94	70 - 130	
Carbon tetrachloride	10.0	9.96	100	65 - 140	
Chlorobenzene	10.0	9.56	96	80 - 120	
1,1-Dichloroethene	10.0	9.70	97	70 - 130	
Bromodichloromethane	10.0	9.81	98	75 - 120	
1,2-Dichloropropane	10.0	9.91	99	75 - 125	
Chloromethane	10.0	8.62	86	40 - 125	
2-Hexanone	20.0	17.6	88	55 - 130	
cis-1,3-Dichloropropene	10.0	9.52	95	70 - 130	
Dibromochloromethane	10.0	9.25	92	60 - 135	
4-Methyl-2-pentanone (MIBK)	20.0	19.8	99	60 - 135	
Ethylbenzene	10.0	9.95	100	75 - 125	
Methyl tert-butyl ether	10.0	9.55	96	65 - 125	
Methylene Chloride	10.0	9.92	99	55 - 140	
1,1,2,2-Tetrachloroethane	10.0	8.20	82	65 - 130	
Styrene	10.0	10.1	101	65 - 135	
Tetrachloroethene	10.0	9.89	99	45 - 150	
Toluene	10.0	9.48	95	75 - 120	
Chloroform	10.0	9.19	92	65 - 135	
Bromochloromethane	10.0	9.74	97	65 - 130	
1,1,1-Trichloroethane	10.0	9.73	97	65 - 130	
trans-1,3-Dichloropropene	10.0	8.78	88	55 - 140	
1,1,2-Trichloroethane	10.0	9.41	94	75 - 125	
Trichloroethene	10.0	10.2	102	70 - 125	
Vinyl chloride	10.0	8.84	88	50 - 145	
Xylenes, Total	30.0	30.2	101	75 - 130	
Chloroethane	10.0	9.33	93	60 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	70 - 120
Toluene-d8 (Surr)	98	85 - 120
4-Bromofluorobenzene (Surr)	107	75 - 120
Dibromofluoromethane (Surr)	98	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69591

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	MRL 240-69591/5	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1589.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1243	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1243				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.00922	92	70 - 130	J
Acetone	0.0100	0.00910	91	70 - 130	J
Benzene	0.00100	0.000979	98	70 - 130	J
Bromoform	0.00100	0.000679	68	70 - 130	J ^
1,1-Dichloroethane	0.00100	0.000865	86	70 - 130	J
Bromomethane	0.00100	0.00103	103	70 - 130	
Carbon disulfide	0.00100	0.00102	102	70 - 130	
1,2-Dichloroethane	0.00100	0.000901	90	70 - 130	J
Carbon tetrachloride	0.00100	0.000896	90	70 - 130	J
Chlorobenzene	0.00100	0.000910	91	70 - 130	J
1,1-Dichloroethene	0.00100	0.000938	94	70 - 130	J
Bromodichloromethane	0.00100	0.000865	86	70 - 130	J
1,2-Dichloropropane	0.00100	0.000908	91	70 - 130	J
Chloromethane	0.00100	0.000961	96	70 - 130	J
2-Hexanone	0.0100	0.00828	83	70 - 130	J
cis-1,3-Dichloropropene	0.00100	0.000779	78	70 - 130	J
Dibromochloromethane	0.00100	0.000754	75	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.00899	90	70 - 130	J
Ethylbenzene	0.00100	0.000799	80	70 - 130	J
Methyl tert-butyl ether	0.00100	0.000889	89	70 - 130	J
Methylene Chloride	0.00100	0.00105	105	70 - 130	
1,1,2,2-Tetrachloroethane	0.00100	0.000928	93	70 - 130	J
Styrene	0.00100	0.000737	74	70 - 130	J
Tetrachloroethene	0.00100	0.000980	98	70 - 130	J
Toluene	0.00100	0.000959	96	70 - 130	J
Chloroform	0.00100	0.000918	92	70 - 130	J
Bromochloromethane	0.00100	0.000922	92	70 - 130	J
1,1,1-Trichloroethane	0.00100	0.000965	97	70 - 130	J
trans-1,3-Dichloropropene	0.00100	0.000696	70	70 - 130	J
1,1,2-Trichloroethane	0.00100	0.000894	89	70 - 130	J
Trichloroethene	0.00100	0.000960	96	70 - 130	J
Vinyl chloride	0.00100	0.000959	96	70 - 130	J
Xylenes, Total	0.00300	0.00253	84	70 - 130	
Chloroethane	0.00100	0.000981	98	70 - 130	J

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	50 - 150
Toluene-d8 (Surr)	97	50 - 150
4-Bromofluorobenzene (Surr)	97	50 - 150
Dibromofluoromethane (Surr)	99	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69591

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	MRL 240-69591/18	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1602.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1742	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1742				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.00903	90	70 - 130	J
Acetone	0.0100	0.00944	94	70 - 130	J
Benzene	0.00100	0.00101	101	70 - 130	
Bromoform	0.00100	0.000816	82	70 - 130	J
1,1-Dichloroethane	0.00100	0.000967	97	70 - 130	J
Bromomethane	0.00100	0.00119	119	70 - 130	
Carbon disulfide	0.00100	0.00103	103	70 - 130	
1,2-Dichloroethane	0.00100	0.00101	101	70 - 130	
Carbon tetrachloride	0.00100	0.000881	88	70 - 130	J
Chlorobenzene	0.00100	0.000975	98	70 - 130	J
1,1-Dichloroethene	0.00100	0.000977	98	70 - 130	J
Bromodichloromethane	0.00100	0.000940	94	70 - 130	J
1,2-Dichloropropane	0.00100	0.000992	99	70 - 130	J
Chloromethane	0.00100	0.00109	109	70 - 130	
2-Hexanone	0.0100	0.00856	86	70 - 130	J
cis-1,3-Dichloropropene	0.00100	0.000806	81	70 - 130	J
Dibromochloromethane	0.00100	0.000871	87	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.00853	85	70 - 130	J
Ethylbenzene	0.00100	0.000912	91	70 - 130	J
Methyl tert-butyl ether	0.00100	0.000923	92	70 - 130	J
Methylene Chloride	0.00100	0.000617	62	70 - 130	J ^
1,1,2,2-Tetrachloroethane	0.00100	0.000914	91	70 - 130	J
Styrene	0.00100	0.000787	79	70 - 130	J
Tetrachloroethene	0.00100	0.000921	92	70 - 130	J
Toluene	0.00100	0.00100	100	70 - 130	
Chloroform	0.00100	0.000952	95	70 - 130	J
Bromochloromethane	0.00100	0.00106	106	70 - 130	
1,1,1-Trichloroethane	0.00100	0.000975	98	70 - 130	J
trans-1,3-Dichloropropene	0.00100	0.000735	74	70 - 130	J
1,1,2-Trichloroethane	0.00100	0.000955	96	70 - 130	J
Trichloroethene	0.00100	0.00104	104	70 - 130	
Vinyl chloride	0.00100	0.00107	107	70 - 130	
Xylenes, Total	0.00300	0.00250	83	70 - 130	
Chloroethane	0.00100	0.00118	118	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	50 - 150
Toluene-d8 (Surr)	99	50 - 150
4-Bromofluorobenzene (Surr)	101	50 - 150
Dibromofluoromethane (Surr)	98	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69591

Method: 8260B/DoD
Preparation: 5030B

MS Lab Sample ID:	240-18703-24	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1600.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1658			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1658				
Leach Date:	N/A				

MSD Lab Sample ID:	240-18703-24	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1601.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1720			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1720				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2-Butanone (MEK)	87	91	30 - 150	5	30		
Acetone	83	85	40 - 140	2	30		
Benzene	98	98	80 - 120	0	30		
Bromoform	90	91	70 - 130	1	30		
1,1-Dichloroethane	97	97	70 - 135	0	30		
Bromomethane	88	86	30 - 145	2	30		
1,2-Dichloroethane	94	95	70 - 130	1	30		
Carbon disulfide	102	101	35 - 160	1	30		
Carbon tetrachloride	95	97	65 - 140	2	30		
1,1-Dichloroethene	98	100	70 - 130	2	30		
Chlorobenzene	96	96	80 - 120	0	30		
1,2-Dichloropropane	100	99	75 - 125	1	30		
Bromodichloromethane	98	98	75 - 120	0	30		
Chloromethane	89	91	40 - 125	2	30		
2-Hexanone	85	90	55 - 130	6	30		
cis-1,3-Dichloropropene	86	90	70 - 130	4	30		
4-Methyl-2-pentanone (MIBK)	90	93	60 - 135	2	30		
Dibromochloromethane	92	93	60 - 135	1	30		
Ethylbenzene	99	100	75 - 125	1	30		
Methyl tert-butyl ether	93	95	65 - 125	2	50		
Methylene Chloride	92	89	55 - 140	4	30		
1,1,2,2-Tetrachloroethane	83	83	65 - 130	1	30		
Styrene	104	103	65 - 135	1	30		
Tetrachloroethene	97	99	45 - 150	2	30		
Toluene	95	95	75 - 120	1	30		
Chloroform	93	92	65 - 135	2	30		
1,1,1-Trichloroethane	97	95	65 - 130	2	30		
Bromochloromethane	96	96	65 - 130	0	30		
1,1,2-Trichloroethane	95	96	75 - 125	2	30		
trans-1,3-Dichloropropene	86	90	55 - 140	5	30		
Trichloroethene	99	102	70 - 125	3	30		
Vinyl chloride	90	90	50 - 145	0	30		
Chloroethane	95	91	60 - 135	4	30		

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69591

Method: 8260B/DoD
Preparation: 5030B

MS Lab Sample ID:	240-18703-24	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1600.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1658			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1658				
Leach Date:	N/A				

MSD Lab Sample ID:	240-18703-24	Analysis Batch:	240-69591	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1601.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/20/2012 1720			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 1720				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Xylenes, Total	102	102	75 - 130	0	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	95	70 - 120
Toluene-d8 (Surr)	100	99	85 - 120
4-Bromofluorobenzene (Surr)	107	108	75 - 120
Dibromofluoromethane (Surr)	99	99	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69591

Method: 8260B/DoD
Preparation: 5030B

MS Lab Sample ID:	240-18703-24	Units:	ug/L	MSD Lab Sample ID:	240-18703-24
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/20/2012 1658			Analysis Date:	12/20/2012 1720
Prep Date:	12/20/2012 1658			Prep Date:	12/20/2012 1720
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-Butanone (MEK)	0.57	U	20.0	20.0	17.3	18.2
Acetone	1.1	U	20.0	20.0	16.7	17.0
Benzene	0.25	U	10.0	10.0	9.80	9.83
Bromoform	0.64	U	10.0	10.0	9.03	9.13
1,1-Dichloroethane	0.25	U	10.0	10.0	9.66	9.67
Bromomethane	0.50	U	10.0	10.0	8.78	8.58
1,2-Dichloroethane	0.25	U	10.0	10.0	9.40	9.54
Carbon disulfide	0.25	U	10.0	10.0	10.2	10.1
Carbon tetrachloride	0.25	U	10.0	10.0	9.45	9.69
1,1-Dichloroethene	0.25	U	10.0	10.0	9.80	10.0
Chlorobenzene	0.25	U	10.0	10.0	9.57	9.61
1,2-Dichloropropane	0.25	U	10.0	10.0	10.0	9.87
Bromodichloromethane	0.25	U	10.0	10.0	9.79	9.76
Chloromethane	0.50	U	10.0	10.0	8.94	9.11
2-Hexanone	0.50	U	20.0	20.0	17.0	18.0
cis-1,3-Dichloropropene	0.25	U	10.0	10.0	8.62	8.96
4-Methyl-2-pentanone (MIBK)	0.50	U	20.0	20.0	18.1	18.5
Dibromochloromethane	0.25	U	10.0	10.0	9.20	9.26
Ethylbenzene	0.25	U	10.0	10.0	9.92	10.0
Methyl tert-butyl ether	0.25	U	10.0	10.0	9.31	9.54
Methylene Chloride	0.50	U	10.0	10.0	9.24	8.87
1,1,2,2-Tetrachloroethane	0.25	U	10.0	10.0	8.29	8.33
Styrene	0.25	U	10.0	10.0	10.4	10.3
Tetrachloroethene	0.50	U	10.0	10.0	9.65	9.87
Toluene	0.25	U	10.0	10.0	9.46	9.53
Chloroform	0.58	J	10.0	10.0	9.89	9.74
1,1,1-Trichloroethane	0.25	U	10.0	10.0	9.67	9.53
Bromochloromethane	0.50	U	10.0	10.0	9.60	9.63
1,1,2-Trichloroethane	0.50	U	10.0	10.0	9.45	9.65
trans-1,3-Dichloropropene	0.25	U	10.0	10.0	8.59	9.00
Trichloroethene	0.25	U	10.0	10.0	9.88	10.2
Vinyl chloride	0.25	U	10.0	10.0	8.97	8.99
Chloroethane	0.50	U	10.0	10.0	9.53	9.14
Xylenes, Total	0.75	U	30.0	30.0	30.6	30.5

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-68547

Method: 8270C/DoD
Preparation: 3520C

Lab Sample ID:	MB 240-68547/18-A	Analysis Batch:	240-68962	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-68547	Lab File ID:	21217004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	12/17/2012 1118	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	12/13/2012 1121			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Acenaphthene	0.10	U	0.10	0.20
Acenaphthylene	0.10	U	0.10	0.20
Anthracene	0.10	U	0.10	0.20
Benzo[a]anthracene	0.10	U	0.10	0.20
Benzo[a]pyrene	0.10	U	0.10	0.20
Benzo[b]fluoranthene	0.10	U	0.10	0.20
Benzo[g,h,i]perylene	0.10	U	0.10	0.20
Benzoic acid	10	U	10	25
Benzo[k]fluoranthene	0.10	U	0.10	0.20
Benzyl alcohol	0.80	U	0.38	5.0
Bis(2-chloroethoxy)methane	0.80	U	0.32	1.0
Bis(2-chloroethyl)ether	0.10	U	0.10	1.0
bis (2-chloroisopropyl) ether	0.80	U	0.40	1.0
Bis(2-ethylhexyl) phthalate	0.80	U	0.80	2.0
4-Bromophenyl phenyl ether	0.80	U	0.80	2.0
Butyl benzyl phthalate	0.80	U	0.80	1.0
Carbazole	0.80	U	0.28	1.0
4-Chloroaniline	0.80	U	0.80	2.0
4-Chloro-3-methylphenol	0.80	U	0.80	2.0
2-Chloronaphthalene	0.10	U	0.10	1.0
2-Chlorophenol	0.80	U	0.29	1.0
4-Chlorophenyl phenyl ether	0.80	U	0.30	2.0
Chrysene	0.10	U	0.10	0.20
Dibenz(a,h)anthracene	0.10	U	0.10	0.20
Dibenzofuran	0.10	U	0.10	1.0
1,2-Dichlorobenzene	0.80	U	0.29	1.0
1,3-Dichlorobenzene	0.80	U	0.80	1.0
1,4-Dichlorobenzene	0.80	U	0.34	1.0
3,3'-Dichlorobenzidine	0.80	U	0.37	5.0
2,4-Dichlorophenol	0.80	U	0.80	2.0
Diethyl phthalate	0.80	U	0.60	1.0
2,4-Dimethylphenol	0.80	U	0.80	2.0
Dimethyl phthalate	0.80	U	0.29	1.0
Di-n-butyl phthalate	0.80	U	0.67	1.0
4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.0
2,4-Dinitrophenol	2.4	U	2.4	5.0
2,4-Dinitrotoluene	0.80	U	0.27	5.0
2,6-Dinitrotoluene	0.80	U	0.80	5.0
Di-n-octyl phthalate	0.80	U	0.80	1.0
Fluoranthene	0.10	U	0.10	0.20
Fluorene	0.10	U	0.10	0.20
Hexachlorobenzene	0.10	U	0.10	0.20
Hexachlorobutadiene	0.80	U	0.27	1.0
Hexachlorocyclopentadiene	0.80	U	0.80	10
Hexachloroethane	0.80	U	0.80	1.0

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-68547

Method: 8270C/DoD
Preparation: 3520C

Lab Sample ID:	MB 240-68547/18-A	Analysis Batch:	240-68962	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-68547	Lab File ID:	21217004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	12/17/2012 1118	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	12/13/2012 1121			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Indeno[1,2,3-cd]pyrene	0.10	U	0.10	0.20
Isophorone	0.80	U	0.27	1.0
2-Methylnaphthalene	0.10	U	0.10	0.20
2-Methylphenol	0.80	U	0.80	1.0
3 & 4 Methylphenol	0.80	U	0.80	2.0
Naphthalene	0.10	U	0.10	0.20
2-Nitroaniline	0.80	U	0.80	2.0
3-Nitroaniline	0.80	U	0.28	2.0
4-Nitroaniline	0.80	U	0.80	2.0
Nitrobenzene	0.10	U	0.040	1.0
2-Nitrophenol	0.80	U	0.28	2.0
4-Nitrophenol	2.4	U	2.4	5.0
N-Nitrosodi-n-propylamine	0.80	U	0.80	1.0
N-Nitrosodiphenylamine	0.80	U	0.31	1.0
Pentachlorophenol	2.4	U	2.4	5.0
Phenanthrene	0.10	U	0.10	0.20
Phenol	0.80	U	0.60	1.0
Pyrene	0.10	U	0.10	0.20
1,2,4-Trichlorobenzene	0.80	U	0.28	1.0
2,4,5-Trichlorophenol	0.80	U	0.30	5.0
2,4,6-Trichlorophenol	0.80	U	0.80	5.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	77	50 - 110
2-Fluorophenol (Surr)	68	20 - 110
Nitrobenzene-d5 (Surr)	76	40 - 110
Phenol-d5 (Surr)	69	10 - 115
Terphenyl-d14 (Surr)	84	50 - 135
2,4,6-Tribromophenol (Surr)	77	40 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 240-68547

Method: 8270C/DoD
Preparation: 3520C

Lab Sample ID:	LCS 240-68547/19-A	Analysis Batch:	240-68962	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-68547	Lab File ID:	21217005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	12/17/2012 1141	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	12/13/2012 1121			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	20.0	15.4	77	45 - 110	
Acenaphthylene	20.0	15.4	77	50 - 105	
Anthracene	20.0	15.8	79	55 - 110	
Benzo[a]anthracene	20.0	15.8	79	55 - 110	
Benzo[a]pyrene	20.0	14.0	70	55 - 110	
Benzo[b]fluoranthene	20.0	16.9	84	45 - 120	
Benzo[g,h,i]perylene	20.0	18.3	91	40 - 125	
Benzoic acid	20.0	10	36	0 - 125	U
Benzo[k]fluoranthene	20.0	16.7	84	45 - 125	
Benzyl alcohol	20.0	16.0	80	30 - 110	
Bis(2-chloroethoxy)methane	20.0	14.7	73	45 - 105	
Bis(2-chloroethyl)ether	20.0	15.3	76	35 - 110	
bis (2-chloroisopropyl) ether	20.0	14.1	71	25 - 130	
Bis(2-ethylhexyl) phthalate	20.0	15.3	76	40 - 125	
4-Bromophenyl phenyl ether	20.0	16.8	84	50 - 115	
Butyl benzyl phthalate	20.0	15.5	78	45 - 115	
Carbazole	20.0	15.7	79	50 - 115	
4-Chloroaniline	20.0	14.0	70	15 - 110	
4-Chloro-3-methylphenol	20.0	16.3	81	45 - 110	
2-Chloronaphthalene	20.0	15.0	75	50 - 105	
2-Chlorophenol	20.0	15.7	79	35 - 105	
4-Chlorophenyl phenyl ether	20.0	16.3	81	50 - 110	
Chrysene	20.0	16.4	82	55 - 110	
Dibenz(a,h)anthracene	20.0	16.8	84	40 - 125	
Dibenzofuran	20.0	15.4	77	55 - 105	
1,2-Dichlorobenzene	20.0	14.6	73	35 - 100	
1,3-Dichlorobenzene	20.0	14.2	71	30 - 100	
1,4-Dichlorobenzene	20.0	14.6	73	30 - 100	
3,3'-Dichlorobenzidine	20.0	10.1	50	20 - 110	
2,4-Dichlorophenol	20.0	16.3	82	50 - 105	
Diethyl phthalate	20.0	16.9	85	40 - 120	
2,4-Dimethylphenol	20.0	11.7	58	30 - 110	
Dimethyl phthalate	20.0	17.1	85	25 - 125	
Di-n-butyl phthalate	20.0	16.9	85	55 - 115	
4,6-Dinitro-2-methylphenol	20.0	14.8	74	40 - 130	
2,4-Dinitrophenol	20.0	12.5	63	15 - 140	
2,4-Dinitrotoluene	20.0	16.9	84	50 - 120	
2,6-Dinitrotoluene	20.0	16.7	84	50 - 115	
Di-n-octyl phthalate	20.0	15.6	78	35 - 135	
Fluoranthene	20.0	16.5	83	55 - 115	
Fluorene	20.0	15.8	79	50 - 110	
Hexachlorobenzene	20.0	16.2	81	50 - 110	
Hexachlorobutadiene	20.0	15.3	77	25 - 105	
Hexachloroethane	20.0	14.0	70	30 - 95	
Indeno[1,2,3-cd]pyrene	20.0	16.7	83	45 - 125	
Isophorone	20.0	16.5	82	50 - 110	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 240-68547

Method: 8270C/DoD
Preparation: 3520C

Lab Sample ID:	LCS 240-68547/19-A	Analysis Batch:	240-68962	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	240-68547	Lab File ID:	21217005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	12/17/2012 1141	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	12/13/2012 1121			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	20.0	15.5	78	45 - 105	
2-Methylphenol	20.0	14.2	71	40 - 110	
3 & 4 Methylphenol	40.0	29.1	73	30 - 110	
Naphthalene	20.0	15.3	76	40 - 100	
2-Nitroaniline	20.0	16.6	83	50 - 115	
3-Nitroaniline	20.0	16.2	81	20 - 125	
4-Nitroaniline	20.0	15.0	75	35 - 120	
Nitrobenzene	20.0	16.1	81	45 - 110	
2-Nitrophenol	20.0	16.2	81	40 - 115	
4-Nitrophenol	20.0	19.1	95	0 - 125	
N-Nitrosodi-n-propylamine	20.0	16.0	80	35 - 130	
N-Nitrosodiphenylamine	20.0	15.3	77	50 - 110	
Pentachlorophenol	20.0	12.7	63	40 - 115	
Phenanthrene	20.0	15.8	79	50 - 115	
Phenol	20.0	15.0	75	0 - 115	
Pyrene	20.0	14.9	75	50 - 130	
1,2,4-Trichlorobenzene	20.0	14.8	74	35 - 105	
2,4,5-Trichlorophenol	20.0	16.2	81	50 - 110	
2,4,6-Trichlorophenol	20.0	17.0	85	50 - 115	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	74	50 - 110
2-Fluorophenol (Surr)	72	20 - 110
Nitrobenzene-d5 (Surr)	78	40 - 110
Phenol-d5 (Surr)	73	10 - 115
Terphenyl-d14 (Surr)	83	50 - 135
2,4,6-Tribromophenol (Surr)	83	40 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-68962 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68962/3	Analysis Batch:	240-68962	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21217003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/17/2012 1054	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	5.49	110	70 - 130	
Acenaphthylene	5.00	5.55	111	70 - 130	
Anthracene	5.00	5.67	113	70 - 130	
Benzo[a]anthracene	5.00	5.61	112	70 - 130	
Benzo[a]pyrene	5.00	5.48	110	70 - 130	
Benzo[b]fluoranthene	5.00	5.92	118	70 - 130	
Benzo[g,h,i]perylene	5.00	6.10	122	70 - 130	
Benzoic acid	10.0	11.4	114	70 - 130	
Benzo[k]fluoranthene	5.00	5.57	111	70 - 130	
Benzyl alcohol	5.00	5.33	107	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.11	102	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.09	102	70 - 130	
bis (2-chloroisopropyl) ether	5.00	4.92	98	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.45	109	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.81	116	70 - 130	
Butyl benzyl phthalate	5.00	5.23	105	70 - 130	
Carbazole	5.00	5.59	112	70 - 130	
4-Chloroaniline	5.00	5.30	106	70 - 130	
4-Chloro-3-methylphenol	5.00	5.76	115	70 - 130	
2-Chloronaphthalene	5.00	5.38	108	70 - 130	
2-Chlorophenol	5.00	5.33	107	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.66	113	70 - 130	
Chrysene	5.00	5.59	112	70 - 130	
Dibenz(a,h)anthracene	5.00	5.79	116	70 - 130	
Dibenzofuran	5.00	5.31	106	70 - 130	
1,2-Dichlorobenzene	5.00	5.28	106	70 - 130	
1,3-Dichlorobenzene	5.00	5.35	107	70 - 130	
1,4-Dichlorobenzene	5.00	5.46	109	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.44	109	70 - 130	
2,4-Dichlorophenol	5.00	5.88	118	70 - 130	
Diethyl phthalate	5.00	5.77	115	70 - 130	
2,4-Dimethylphenol	5.00	5.97	119	70 - 130	
Dimethyl phthalate	5.00	5.66	113	70 - 130	
Di-n-butyl phthalate	5.00	5.70	114	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.40	108	70 - 130	
2,4-Dinitrophenol	10.0	11.5	115	70 - 130	
2,4-Dinitrotoluene	5.00	5.56	111	70 - 130	
2,6-Dinitrotoluene	5.00	5.50	110	70 - 130	
Di-n-octyl phthalate	5.00	5.47	109	70 - 130	
Fluoranthene	5.00	5.83	117	70 - 130	
Fluorene	5.00	5.56	111	70 - 130	
Hexachlorobenzene	5.00	5.56	111	70 - 130	
Hexachlorobutadiene	5.00	6.16	123	70 - 130	
Hexachloroethane	5.00	5.28	106	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.69	114	70 - 130	
Isophorone	5.00	5.51	110	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-68962 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68962/3	Analysis Batch:	240-68962	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21217003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/17/2012 1054	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
2-Methylnaphthalene	5.00	5.59	112	70 - 130	
2-Methylphenol	5.00	5.30	106	70 - 130	
3 & 4 Methylphenol	5.00	5.15	103	70 - 130	
Naphthalene	5.00	5.44	109	70 - 130	
2-Nitroaniline	5.00	5.53	111	70 - 130	
3-Nitroaniline	5.00	5.56	111	70 - 130	
4-Nitroaniline	5.00	5.38	108	70 - 130	
Nitrobenzene	5.00	5.49	110	70 - 130	
2-Nitrophenol	5.00	5.65	113	70 - 130	
4-Nitrophenol	5.00	6.43	129	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.32	106	70 - 130	
N-Nitrosodiphenylamine	5.00	5.43	109	70 - 130	
Pentachlorophenol	10.0	11.8	118	70 - 130	
Phenanthrene	5.00	5.40	108	70 - 130	
Phenol	5.00	5.21	104	70 - 130	
Pyrene	5.00	5.53	111	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.62	112	70 - 130	
2,4,5-Trichlorophenol	5.00	5.68	114	70 - 130	
2,4,6-Trichlorophenol	5.00	5.79	116	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	112	Q	70 - 130
2-Fluorophenol (Surr)	105		50 - 150
Nitrobenzene-d5 (Surr)	108		50 - 150
Phenol-d5 (Surr)	105		50 - 150
Terphenyl-d14 (Surr)	107		50 - 150
2,4,6-Tribromophenol (Surr)	119		50 - 150

Method Reporting Limit Check - Batch: 240-68962 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68962/10	Analysis Batch:	240-68962	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21217010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/17/2012 1315	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	5.58	112	70 - 130	
Acenaphthylene	5.00	5.61	112	70 - 130	
Anthracene	5.00	5.64	113	70 - 130	
Benzo[a]anthracene	5.00	5.74	115	70 - 130	
Benzo[a]pyrene	5.00	5.39	108	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-68962

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-68962/10	Analysis Batch:	240-68962	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21217010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/17/2012 1315	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
Benzo[b]fluoranthene	5.00	5.39	108	70 - 130	
Benzo[g,h,i]perylene	5.00	5.84	117	70 - 130	
Benzoic acid	10.0	10.6	106	70 - 130	
Benzo[k]fluoranthene	5.00	5.91	118	70 - 130	
Benzyl alcohol	5.00	5.35	107	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.02	100	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.13	103	70 - 130	
bis (2-chloroisopropyl) ether	5.00	4.83	97	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.61	112	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.73	115	70 - 130	
Butyl benzyl phthalate	5.00	5.45	109	70 - 130	
Carbazole	5.00	5.45	109	70 - 130	
4-Chloroaniline	5.00	5.40	108	70 - 130	
4-Chloro-3-methylphenol	5.00	5.82	116	70 - 130	
2-Chloronaphthalene	5.00	5.39	108	70 - 130	
2-Chlorophenol	5.00	5.44	109	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.81	116	70 - 130	
Chrysene	5.00	5.73	115	70 - 130	
Dibenz(a,h)anthracene	5.00	5.38	108	70 - 130	
Dibenzofuran	5.00	5.61	112	70 - 130	
1,2-Dichlorobenzene	5.00	5.38	108	70 - 130	
1,3-Dichlorobenzene	5.00	5.25	105	70 - 130	
1,4-Dichlorobenzene	5.00	5.38	108	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.58	112	70 - 130	
2,4-Dichlorophenol	5.00	5.90	118	70 - 130	
Diethyl phthalate	5.00	5.83	117	70 - 130	
2,4-Dimethylphenol	5.00	5.71	114	70 - 130	
Dimethyl phthalate	5.00	5.85	117	70 - 130	
Di-n-butyl phthalate	5.00	5.61	112	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.40	108	70 - 130	
2,4-Dinitrophenol	10.0	11.6	116	70 - 130	
2,4-Dinitrotoluene	5.00	5.75	115	70 - 130	
2,6-Dinitrotoluene	5.00	5.61	112	70 - 130	
Di-n-octyl phthalate	5.00	5.24	105	70 - 130	
Fluoranthene	5.00	5.74	115	70 - 130	
Fluorene	5.00	5.75	115	70 - 130	
Hexachlorobenzene	5.00	5.55	111	70 - 130	
Hexachlorobutadiene	5.00	6.00	120	70 - 130	
Hexachloroethane	5.00	5.14	103	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.51	110	70 - 130	
Isophorone	5.00	5.49	110	70 - 130	
2-Methylnaphthalene	5.00	5.63	113	70 - 130	
2-Methylphenol	5.00	5.32	106	70 - 130	
3 & 4 Methylphenol	5.00	5.23	105	70 - 130	
Naphthalene	5.00	5.51	110	70 - 130	
2-Nitroaniline	5.00	5.78	116	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-68962 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68962/10	Analysis Batch:	240-68962	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21217010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/17/2012 1315	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-Nitroaniline	5.00	5.83	117	70 - 130	
4-Nitroaniline	5.00	5.43	109	70 - 130	
Nitrobenzene	5.00	5.46	109	70 - 130	
2-Nitrophenol	5.00	5.55	111	70 - 130	
4-Nitrophenol	5.00	6.65	133	70 - 130	^
N-Nitrosodi-n-propylamine	5.00	5.26	105	70 - 130	
N-Nitrosodiphenylamine	5.00	5.36	107	70 - 130	
Pentachlorophenol	10.0	11.6	116	70 - 130	
Phenanthrene	5.00	5.46	109	70 - 130	
Phenol	5.00	5.29	106	70 - 130	
Pyrene	5.00	5.48	110	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.64	113	70 - 130	
2,4,5-Trichlorophenol	5.00	5.98	120	70 - 130	
2,4,6-Trichlorophenol	5.00	5.96	119	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	110		70 - 130
2-Fluorophenol (Surr)	102		50 - 150
Nitrobenzene-d5 (Surr)	109		50 - 150
Phenol-d5 (Surr)	105		50 - 150
Terphenyl-d14 (Surr)	110		50 - 150
2,4,6-Tribromophenol (Surr)	127	Q	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-69569

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-69569/23-A	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-69569	Lab File ID:	21224004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/24/2012 1120	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			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: 240-18703-1

Method Blank - Batch: 240-69569

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-69569/23-A	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-69569	Lab File ID:	21224004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/24/2012 1120	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			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)	81	35 - 105
Nitrobenzene-d5 (Surr)	64	35 - 100
Phenol-d5 (Surr)	78	40 - 100
Terphenyl-d14 (Surr)	75	30 - 125
2,4,6-Tribromophenol (Surr)	71	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 240-69569

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-69569/24-A	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-69569	Lab File ID:	21224005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/24/2012 1145	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	469	70	45 - 110	
Acenaphthylene	667	479	72	45 - 105	
Anthracene	667	528	79	55 - 105	
Benzo[a]anthracene	667	558	84	50 - 110	
Benzo[a]pyrene	667	550	82	50 - 110	
Benzo[b]fluoranthene	667	577	87	45 - 115	
Benzo[g,h,i]perylene	667	607	91	40 - 125	
Benzoic acid	667	330	11	0 - 110	U
Benzo[k]fluoranthene	667	617	93	45 - 125	
Benzyl alcohol	667	481	72	20 - 125	
Bis(2-chloroethoxy)methane	667	408	61	45 - 110	
Bis(2-chloroethyl)ether	667	403	60	40 - 105	
bis (2-chloroisopropyl) ether	667	400	60	20 - 115	
Bis(2-ethylhexyl) phthalate	667	595	89	45 - 125	
4-Bromophenyl phenyl ether	667	431	65	45 - 115	
Butyl benzyl phthalate	667	600	90	50 - 125	
Carbazole	667	560	84	45 - 115	
4-Chloroaniline	667	360	54	10 - 110	
4-Chloro-3-methylphenol	667	544	82	45 - 115	
2-Chloronaphthalene	667	388	58	45 - 105	
2-Chlorophenol	667	492	74	45 - 105	
4-Chlorophenyl phenyl ether	667	440	66	45 - 110	
Chrysene	667	559	84	55 - 110	
Dibenz(a,h)anthracene	667	580	87	40 - 125	
Dibenzofuran	667	476	71	50 - 105	
1,2-Dichlorobenzene	667	368	55	45 - 110	
1,3-Dichlorobenzene	667	370	55	40 - 100	
1,4-Dichlorobenzene	667	487	73	35 - 105	
3,3'-Dichlorobenzidine	667	366	55	10 - 130	
2,4-Dichlorophenol	667	501	75	45 - 110	
Diethyl phthalate	667	565	85	50 - 115	
2,4-Dimethylphenol	667	377	57	30 - 105	
Dimethyl phthalate	667	537	80	50 - 110	
Di-n-butyl phthalate	667	583	87	55 - 110	
4,6-Dinitro-2-methylphenol	667	487	73	30 - 135	
2,4-Dinitrophenol	667	368	55	15 - 130	
2,4-Dinitrotoluene	667	500	75	50 - 115	
2,6-Dinitrotoluene	667	481	72	50 - 110	
Di-n-octyl phthalate	667	563	84	40 - 130	
Fluoranthene	667	552	83	55 - 115	
Fluorene	667	508	76	50 - 110	
Hexachlorobenzene	667	425	64	45 - 120	
Hexachlorobutadiene	667	393	59	40 - 115	
Hexachloroethane	667	412	62	35 - 110	
Indeno[1,2,3-cd]pyrene	667	592	89	40 - 120	
Isophorone	667	517	78	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 240-69569

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-69569/24-A	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-69569	Lab File ID:	21224005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/24/2012 1145	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 0955			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	484	73	45 - 105	
2-Methylphenol	667	477	72	40 - 105	
3 & 4 Methylphenol	1330	1010	76	40 - 105	
Naphthalene	667	479	72	40 - 105	
2-Nitroaniline	667	550	83	45 - 120	
3-Nitroaniline	667	519	78	25 - 110	
4-Nitroaniline	667	515	77	35 - 115	
Nitrobenzene	667	426	64	40 - 115	
2-Nitrophenol	667	512	77	40 - 110	
4-Nitrophenol	667	582	87	15 - 140	
N-Nitrosodi-n-propylamine	667	489	73	40 - 115	
N-Nitrosodiphenylamine	667	540	81	50 - 115	
Pentachlorophenol	667	366	55	25 - 120	M
Phenanthrene	667	515	77	50 - 110	
Phenol	667	480	72	40 - 100	
Pyrene	667	552	83	45 - 125	
1,2,4-Trichlorobenzene	667	382	57	45 - 110	
2,4,5-Trichlorophenol	667	499	75	50 - 110	
2,4,6-Trichlorophenol	667	494	74	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	56	45 - 105
2-Fluorophenol (Surr)	74	35 - 105
Nitrobenzene-d5 (Surr)	64	35 - 100
Phenol-d5 (Surr)	72	40 - 100
Terphenyl-d14 (Surr)	72	30 - 125
2,4,6-Tribromophenol (Surr)	76	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-69614

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-69614/23-A	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69614	Lab File ID:	21231009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/31/2012 1216	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 1223			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: 240-18703-1

Method Blank - Batch: 240-69614

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-69614/23-A	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69614	Lab File ID:	21231009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/31/2012 1216	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 1223			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)	47	45 - 105
2-Fluorophenol (Surr)	63	35 - 105
Nitrobenzene-d5 (Surr)	50	35 - 100
Phenol-d5 (Surr)	64	40 - 100
Terphenyl-d14 (Surr)	57	30 - 125
2,4,6-Tribromophenol (Surr)	52	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 240-69614

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-69614/24-A	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69614	Lab File ID:	21231010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/31/2012 1239	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 1223			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	433	65	45 - 110	
Acenaphthylene	667	453	68	45 - 105	
Anthracene	667	494	74	55 - 105	
Benzo[a]anthracene	667	502	75	50 - 110	
Benzo[a]pyrene	667	460	69	50 - 110	
Benzo[b]fluoranthene	667	460	69	45 - 115	
Benzo[g,h,i]perylene	667	528	79	40 - 125	
Benzoic acid	667	330	13	0 - 110	U
Benzo[k]fluoranthene	667	508	76	45 - 125	
Benzyl alcohol	667	443	67	20 - 125	
Bis(2-chloroethoxy)methane	667	353	53	45 - 110	
Bis(2-chloroethyl)ether	667	342	51	40 - 105	
bis (2-chloroisopropyl) ether	667	340	51	20 - 115	
Bis(2-ethylhexyl) phthalate	667	488	73	45 - 125	
4-Bromophenyl phenyl ether	667	425	64	45 - 115	
Butyl benzyl phthalate	667	516	77	50 - 125	
Carbazole	667	496	74	45 - 115	
4-Chloroaniline	667	330	50	10 - 110	
4-Chloro-3-methylphenol	667	459	69	45 - 115	
2-Chloronaphthalene	667	364	55	45 - 105	
2-Chlorophenol	667	426	64	45 - 105	
4-Chlorophenyl phenyl ether	667	387	58	45 - 110	
Chrysene	667	527	79	55 - 110	
Dibenz(a,h)anthracene	667	503	75	40 - 125	
Dibenzofuran	667	442	66	50 - 105	
1,2-Dichlorobenzene	667	337	51	45 - 110	
1,3-Dichlorobenzene	667	336	50	40 - 100	
1,4-Dichlorobenzene	667	404	61	35 - 105	
3,3'-Dichlorobenzidine	667	324	49	10 - 130	
2,4-Dichlorophenol	667	437	66	45 - 110	
Diethyl phthalate	667	490	74	50 - 115	
2,4-Dimethylphenol	667	335	50	30 - 105	
Dimethyl phthalate	667	482	72	50 - 110	
Di-n-butyl phthalate	667	522	78	55 - 110	
4,6-Dinitro-2-methylphenol	667	425	64	30 - 135	
2,4-Dinitrophenol	667	288	43	15 - 130	J
2,4-Dinitrotoluene	667	431	65	50 - 115	
2,6-Dinitrotoluene	667	438	66	50 - 110	
Di-n-octyl phthalate	667	461	69	40 - 130	
Fluoranthene	667	503	75	55 - 115	
Fluorene	667	465	70	50 - 110	
Hexachlorobenzene	667	410	61	45 - 120	
Hexachlorobutadiene	667	339	51	40 - 115	
Hexachloroethane	667	347	52	35 - 110	
Indeno[1,2,3-cd]pyrene	667	524	79	40 - 120	
Isophorone	667	444	67	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 240-69614

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-69614/24-A	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69614	Lab File ID:	21231010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/31/2012 1239	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/20/2012 1223			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	414	62	45 - 105	
2-Methylphenol	667	424	64	40 - 105	
3 & 4 Methylphenol	1330	858	64	40 - 105	
Naphthalene	667	417	63	40 - 105	
2-Nitroaniline	667	512	77	45 - 120	
3-Nitroaniline	667	479	72	25 - 110	
4-Nitroaniline	667	516	77	35 - 115	
Nitrobenzene	667	357	53	40 - 115	
2-Nitrophenol	667	437	66	40 - 110	
4-Nitrophenol	667	489	73	15 - 140	
N-Nitrosodi-n-propylamine	667	436	65	40 - 115	
N-Nitrosodiphenylamine	667	490	74	50 - 115	
Pentachlorophenol	667	315	47	25 - 120	
Phenanthrene	667	485	73	50 - 110	
Phenol	667	438	66	40 - 100	
Pyrene	667	492	74	45 - 125	
1,2,4-Trichlorobenzene	667	341	51	45 - 110	
2,4,5-Trichlorophenol	667	488	73	50 - 110	
2,4,6-Trichlorophenol	667	441	66	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	51	45 - 105
2-Fluorophenol (Surr)	66	35 - 105
Nitrobenzene-d5 (Surr)	51	35 - 100
Phenol-d5 (Surr)	66	40 - 100
Terphenyl-d14 (Surr)	64	30 - 125
2,4,6-Tribromophenol (Surr)	71	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69988

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-69988/3	Analysis Batch:	240-69988	Instrument ID:	A4HP9
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 1053	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	4.64	93	70 - 130	
Acenaphthylene	5.00	4.78	96	70 - 130	
Anthracene	5.00	4.88	98	70 - 130	
Benzo[a]anthracene	5.00	5.02	100	70 - 130	
Benzo[a]pyrene	5.00	4.91	98	70 - 130	
Benzo[b]fluoranthene	5.00	4.71	94	70 - 130	
Benzo[g,h,i]perylene	5.00	5.00	100	70 - 130	
Benzoic acid	10.0	9.70	97	70 - 130	
Benzo[k]fluoranthene	5.00	5.13	103	70 - 130	
Benzyl alcohol	5.00	5.12	102	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.10	102	70 - 130	
Bis(2-chloroethyl)ether	5.00	4.89	98	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.27	105	70 - 130	
4-Bromophenyl phenyl ether	5.00	4.94	99	70 - 130	
Butyl benzyl phthalate	5.00	4.99	100	70 - 130	
Carbazole	5.00	4.98	100	70 - 130	
4-Chloro-3-methylphenol	5.00	5.17	103	70 - 130	
2-Chloronaphthalene	5.00	4.71	94	70 - 130	
2-Chlorophenol	5.00	5.06	101	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.87	97	70 - 130	
Chrysene	5.00	4.81	96	70 - 130	
Dibenz(a,h)anthracene	5.00	4.28	86	70 - 130	
Dibenzofuran	5.00	4.62	92	70 - 130	
1,2-Dichlorobenzene	5.00	4.97	99	70 - 130	
1,3-Dichlorobenzene	5.00	4.92	98	70 - 130	
1,4-Dichlorobenzene	5.00	4.90	98	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.04	101	70 - 130	
2,4-Dichlorophenol	5.00	5.21	104	70 - 130	
Diethyl phthalate	5.00	5.06	101	70 - 130	
2,4-Dimethylphenol	5.00	5.32	106	70 - 130	
Dimethyl phthalate	5.00	4.91	98	70 - 130	
Di-n-butyl phthalate	5.00	5.02	100	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.06	101	70 - 130	
2,4-Dinitrophenol	10.0	10.6	106	70 - 130	
2,4-Dinitrotoluene	5.00	5.35	107	70 - 130	
2,6-Dinitrotoluene	5.00	5.39	108	70 - 130	
Di-n-octyl phthalate	5.00	4.74	95	70 - 130	
Fluoranthene	5.00	5.00	100	70 - 130	
Fluorene	5.00	4.84	97	70 - 130	
Hexachlorobenzene	5.00	5.01	100	70 - 130	
Hexachlorobutadiene	5.00	5.08	102	70 - 130	
Hexachloroethane	5.00	5.41	108	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.74	95	70 - 130	
Isophorone	5.00	5.10	102	70 - 130	
2-Methylnaphthalene	5.00	4.90	98	70 - 130	
2-Methylphenol	5.00	5.15	103	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69988

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-69988/3	Analysis Batch:	240-69988	Instrument ID:	A4HP9
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 1053	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	5.07	101	70 - 130	
Naphthalene	5.00	5.01	100	70 - 130	
2-Nitroaniline	5.00	5.35	107	70 - 130	
3-Nitroaniline	5.00	5.57	111	70 - 130	
4-Nitroaniline	5.00	4.97	99	70 - 130	
Nitrobenzene	5.00	5.19	104	70 - 130	
2-Nitrophenol	5.00	5.69	114	70 - 130	
4-Nitrophenol	5.00	4.87	97	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.12	102	70 - 130	
N-Nitrosodiphenylamine	5.00	4.93	99	70 - 130	
Pentachlorophenol	10.0	9.99	100	70 - 130	
Phenanthrene	5.00	4.64	93	70 - 130	
Phenol	5.00	4.97	99	70 - 130	
Pyrene	5.00	4.93	99	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.02	100	70 - 130	
2,4,5-Trichlorophenol	5.00	5.12	102	70 - 130	
2,4,6-Trichlorophenol	5.00	4.99	100	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	96		50 - 150
2-Fluorophenol (Surr)	102		50 - 150
Nitrobenzene-d5 (Surr)	108	Q	50 - 150
Phenol-d5 (Surr)	102	Q	50 - 150
Terphenyl-d14 (Surr)	98		50 - 150
2,4,6-Tribromophenol (Surr)	106		50 - 150

Method Reporting Limit Check - Batch: 240-69988

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-69988/25	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21224025.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/24/2012 2004	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	4.65	93	70 - 130	
Acenaphthylene	5.00	4.83	97	70 - 130	
Anthracene	5.00	4.97	99	70 - 130	
Benzo[a]anthracene	5.00	5.00	100	70 - 130	
Benzo[a]pyrene	5.00	5.09	102	70 - 130	
Benzo[b]fluoranthene	5.00	4.81	96	70 - 130	
Benzo[g,h,i]perylene	5.00	4.63	93	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69988

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-69988/25	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21224025.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/24/2012 2004	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	5.85	59	70 - 130	^
Benzo[k]fluoranthene	5.00	5.11	102	70 - 130	
Benzyl alcohol	5.00	5.22	104	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.00	100	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.03	101	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.34	107	70 - 130	
4-Bromophenyl phenyl ether	5.00	4.93	99	70 - 130	
Butyl benzyl phthalate	5.00	5.51	110	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	4.72	94	70 - 130	
2-Chlorophenol	5.00	5.14	103	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.94	99	70 - 130	
Chrysene	5.00	4.85	97	70 - 130	
Dibenz(a,h)anthracene	5.00	4.57	91	70 - 130	
Dibenzofuran	5.00	4.67	93	70 - 130	
1,2-Dichlorobenzene	5.00	4.77	95	70 - 130	
1,3-Dichlorobenzene	5.00	4.94	99	70 - 130	
1,4-Dichlorobenzene	5.00	5.22	104	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.22	104	70 - 130	
2,4-Dichlorophenol	5.00	5.20	104	70 - 130	
Diethyl phthalate	5.00	5.02	100	70 - 130	
2,4-Dimethylphenol	5.00	5.13	103	70 - 130	
Dimethyl phthalate	5.00	5.05	101	70 - 130	
Di-n-butyl phthalate	5.00	5.23	105	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	2.10	42	70 - 130	^
2,4-Dinitrophenol	10.0	2.92	29	70 - 130	^
2,4-Dinitrotoluene	5.00	5.27	105	70 - 130	
2,6-Dinitrotoluene	5.00	4.94	99	70 - 130	
Di-n-octyl phthalate	5.00	5.23	105	70 - 130	
Fluoranthene	5.00	5.08	102	70 - 130	
Fluorene	5.00	4.83	97	70 - 130	
Hexachlorobenzene	5.00	5.03	101	70 - 130	
Hexachlorobutadiene	5.00	4.69	94	70 - 130	
Hexachloroethane	5.00	5.41	108	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.61	92	70 - 130	
Isophorone	5.00	5.09	102	70 - 130	
2-Methylnaphthalene	5.00	4.69	94	70 - 130	
2-Methylphenol	5.00	5.21	104	70 - 130	
3 & 4 Methylphenol	5.00	5.26	105	70 - 130	
Naphthalene	5.00	4.83	97	70 - 130	
2-Nitroaniline	5.00	5.59	112	70 - 130	
3-Nitroaniline	5.00	5.58	112	70 - 130	
4-Nitroaniline	5.00	5.27	105	70 - 130	
Nitrobenzene	5.00	5.26	105	70 - 130	
2-Nitrophenol	5.00	5.44	109	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69988

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-69988/25	Analysis Batch:	240-69988	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21224025.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/24/2012 2004	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	4.55	91	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.22	104	70 - 130	
N-Nitrosodiphenylamine	5.00	5.15	103	70 - 130	
Pentachlorophenol	10.0	6.17	62	70 - 130	^
Phenanthrene	5.00	4.71	94	70 - 130	
Phenol	5.00	5.15	103	70 - 130	
Pyrene	5.00	4.90	98	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.88	98	70 - 130	
2,4,5-Trichlorophenol	5.00	5.22	104	70 - 130	
2,4,6-Trichlorophenol	5.00	5.26	105	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	99		50 - 150
2-Fluorophenol (Surr)	109	Q	50 - 150
Nitrobenzene-d5 (Surr)	104	Q	50 - 150
Phenol-d5 (Surr)	107	Q	50 - 150
Terphenyl-d14 (Surr)	95		50 - 150
2,4,6-Tribromophenol (Surr)	98		50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-69993

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-69993/23-A	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69993	Lab File ID:	21231007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/31/2012 1130	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/24/2012 0950			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	45.6	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: 240-18703-1

Method Blank - Batch: 240-69993

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-69993/23-A	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69993	Lab File ID:	21231007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/31/2012 1130	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/24/2012 0950			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)	59	45 - 105
2-Fluorophenol (Surr)	73	35 - 105
Nitrobenzene-d5 (Surr)	61	35 - 100
Phenol-d5 (Surr)	74	40 - 100
Terphenyl-d14 (Surr)	72	30 - 125
2,4,6-Tribromophenol (Surr)	61	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 240-69993

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-69993/24-A	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69993	Lab File ID:	21231008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/31/2012 1153	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/24/2012 0950			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	446	67	45 - 110	
Acenaphthylene	667	453	68	45 - 105	
Anthracene	667	502	75	55 - 105	
Benzo[a]anthracene	667	495	74	50 - 110	
Benzo[a]pyrene	667	467	70	50 - 110	
Benzo[b]fluoranthene	667	477	72	45 - 115	
Benzo[g,h,i]perylene	667	541	81	40 - 125	
Benzoic acid	667	330	24	0 - 110	U
Benzo[k]fluoranthene	667	490	73	45 - 125	
Benzyl alcohol	667	399	60	20 - 125	
Bis(2-chloroethoxy)methane	667	385	58	45 - 110	
Bis(2-chloroethyl)ether	667	327	49	40 - 105	
bis (2-chloroisopropyl) ether	667	327	49	20 - 115	
Bis(2-ethylhexyl) phthalate	667	495	74	45 - 125	
4-Bromophenyl phenyl ether	667	439	66	45 - 115	
Butyl benzyl phthalate	667	507	76	50 - 125	
Carbazole	667	496	74	45 - 115	
4-Chloroaniline	667	357	54	10 - 110	
4-Chloro-3-methylphenol	667	476	71	45 - 115	
2-Chloronaphthalene	667	375	56	45 - 105	
2-Chlorophenol	667	400	60	45 - 105	
4-Chlorophenyl phenyl ether	667	384	58	45 - 110	
Chrysene	667	523	78	55 - 110	
Dibenz(a,h)anthracene	667	506	76	40 - 125	
Dibenzofuran	667	447	67	50 - 105	
1,2-Dichlorobenzene	667	323	48	45 - 110	
1,3-Dichlorobenzene	667	314	47	40 - 100	
1,4-Dichlorobenzene	667	393	59	35 - 105	
3,3'-Dichlorobenzidine	667	325	49	10 - 130	
2,4-Dichlorophenol	667	474	71	45 - 110	
Diethyl phthalate	667	477	72	50 - 115	
2,4-Dimethylphenol	667	296	44	30 - 105	
Dimethyl phthalate	667	478	72	50 - 110	
Di-n-butyl phthalate	667	518	78	55 - 110	
4,6-Dinitro-2-methylphenol	667	480	72	30 - 135	
2,4-Dinitrophenol	667	364	55	15 - 130	
2,4-Dinitrotoluene	667	428	64	50 - 115	
2,6-Dinitrotoluene	667	436	65	50 - 110	
Di-n-octyl phthalate	667	465	70	40 - 130	
Fluoranthene	667	496	74	55 - 115	
Fluorene	667	465	70	50 - 110	
Hexachlorobenzene	667	406	61	45 - 120	
Hexachlorobutadiene	667	378	57	40 - 115	
Hexachloroethane	667	331	50	35 - 110	
Indeno[1,2,3-cd]pyrene	667	539	81	40 - 120	
Isophorone	667	484	73	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 240-69993

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-69993/24-A	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-69993	Lab File ID:	21231008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/31/2012 1153	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	12/24/2012 0950			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	459	69	45 - 105	
2-Methylphenol	667	364	55	40 - 105	
3 & 4 Methylphenol	1330	773	58	40 - 105	
Naphthalene	667	455	68	40 - 105	
2-Nitroaniline	667	499	75	45 - 120	
3-Nitroaniline	667	451	68	25 - 110	
4-Nitroaniline	667	499	75	35 - 115	
Nitrobenzene	667	393	59	40 - 115	
2-Nitrophenol	667	488	73	40 - 110	
4-Nitrophenol	667	475	71	15 - 140	
N-Nitrosodi-n-propylamine	667	397	60	40 - 115	
N-Nitrosodiphenylamine	667	483	72	50 - 115	
Pentachlorophenol	667	334	50	25 - 120	
Phenanthrene	667	489	73	50 - 110	
Phenol	667	406	61	40 - 100	
Pyrene	667	487	73	45 - 125	
1,2,4-Trichlorobenzene	667	383	57	45 - 110	
2,4,5-Trichlorophenol	667	478	72	50 - 110	
2,4,6-Trichlorophenol	667	469	70	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	54	45 - 105
2-Fluorophenol (Surr)	60	35 - 105
Nitrobenzene-d5 (Surr)	57	35 - 100
Phenol-d5 (Surr)	60	40 - 100
Terphenyl-d14 (Surr)	63	30 - 125
2,4,6-Tribromophenol (Surr)	69	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-70697

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70697/4	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21231004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/31/2012 1020	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	5.05	101	70 - 130	
Acenaphthylene	5.00	5.14	103	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	5.60	112	70 - 130	
Benzo[b]fluoranthene	5.00	5.42	108	70 - 130	
Benzo[g,h,i]perylene	5.00	5.42	108	70 - 130	
Benzoic acid	10.0	10.2	102	70 - 130	
Benzo[k]fluoranthene	5.00	5.52	110	70 - 130	
Benzyl alcohol	5.00	5.21	104	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.12	102	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.17	103	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.19	104	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.18	104	70 - 130	
Butyl benzyl phthalate	5.00	5.35	107	70 - 130	
Carbazole	5.00	5.19	104	70 - 130	
4-Chloro-3-methylphenol	5.00	5.29	106	70 - 130	
2-Chloronaphthalene	5.00	5.13	103	70 - 130	
2-Chlorophenol	5.00	5.27	105	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.27	105	70 - 130	
Chrysene	5.00	5.08	102	70 - 130	
Dibenz(a,h)anthracene	5.00	5.46	109	70 - 130	
Dibenzofuran	5.00	4.91	98	70 - 130	
1,2-Dichlorobenzene	5.00	5.34	107	70 - 130	
1,3-Dichlorobenzene	5.00	5.27	105	70 - 130	
1,4-Dichlorobenzene	5.00	5.27	105	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.62	112	70 - 130	
2,4-Dichlorophenol	5.00	5.25	105	70 - 130	
Diethyl phthalate	5.00	5.02	100	70 - 130	
2,4-Dimethylphenol	5.00	5.22	104	70 - 130	
Dimethyl phthalate	5.00	5.14	103	70 - 130	
Di-n-butyl phthalate	5.00	5.33	107	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.53	111	70 - 130	
2,4-Dinitrophenol	10.0	11.0	110	70 - 130	
2,4-Dinitrotoluene	5.00	5.33	107	70 - 130	
2,6-Dinitrotoluene	5.00	5.43	109	70 - 130	
Di-n-octyl phthalate	5.00	5.22	104	70 - 130	
Fluoranthene	5.00	5.21	104	70 - 130	
Fluorene	5.00	5.04	101	70 - 130	
Hexachlorobenzene	5.00	5.06	101	70 - 130	
Hexachlorobutadiene	5.00	5.00	100	70 - 130	
Hexachloroethane	5.00	5.37	107	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.63	113	70 - 130	
Isophorone	5.00	5.14	103	70 - 130	
2-Methylnaphthalene	5.00	5.04	101	70 - 130	
2-Methylphenol	5.00	5.43	109	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-70697

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70697/4	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21231004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/31/2012 1020	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	5.21	104	70 - 130	
Naphthalene	5.00	4.92	98	70 - 130	
2-Nitroaniline	5.00	5.38	108	70 - 130	
3-Nitroaniline	5.00	5.33	107	70 - 130	
4-Nitroaniline	5.00	5.67	113	70 - 130	
Nitrobenzene	5.00	5.11	102	70 - 130	
2-Nitrophenol	5.00	5.39	108	70 - 130	
4-Nitrophenol	5.00	5.38	108	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.33	107	70 - 130	
N-Nitrosodiphenylamine	5.00	5.15	103	70 - 130	
Pentachlorophenol	10.0	10.2	102	70 - 130	
Phenanthrene	5.00	5.08	102	70 - 130	
Phenol	5.00	5.33	107	70 - 130	
Pyrene	5.00	5.29	106	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.22	104	70 - 130	
2,4,5-Trichlorophenol	5.00	5.45	109	70 - 130	
2,4,6-Trichlorophenol	5.00	5.32	106	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	102		50 - 150
2-Fluorophenol (Surr)	107	Q	50 - 150
Nitrobenzene-d5 (Surr)	104	Q	50 - 150
Phenol-d5 (Surr)	107	Q	50 - 150
Terphenyl-d14 (Surr)	103		50 - 150
2,4,6-Tribromophenol (Surr)	109		50 - 150

Method Reporting Limit Check - Batch: 240-70697

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70697/13	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21231013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/31/2012 1349	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	5.20	104	70 - 130	
Anthracene	5.00	5.46	109	70 - 130	
Benzo[a]anthracene	5.00	5.30	106	70 - 130	
Benzo[a]pyrene	5.00	5.41	108	70 - 130	
Benzo[b]fluoranthene	5.00	5.07	101	70 - 130	
Benzo[g,h,i]perylene	5.00	5.51	110	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-70697

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70697/13	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21231013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/31/2012 1349	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	9.73	97	70 - 130	
Benzo[k]fluoranthene	5.00	5.14	103	70 - 130	
Benzyl alcohol	5.00	5.36	107	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.18	104	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.19	104	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.24	105	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.35	107	70 - 130	
Butyl benzyl phthalate	5.00	5.43	109	70 - 130	
Carbazole	5.00	5.39	108	70 - 130	
4-Chloro-3-methylphenol	5.00	5.39	108	70 - 130	
2-Chloronaphthalene	5.00	5.16	103	70 - 130	
2-Chlorophenol	5.00	5.34	107	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.16	103	70 - 130	
Chrysene	5.00	5.15	103	70 - 130	
Dibenz(a,h)anthracene	5.00	5.37	107	70 - 130	
Dibenzofuran	5.00	5.09	102	70 - 130	
1,2-Dichlorobenzene	5.00	5.18	104	70 - 130	
1,3-Dichlorobenzene	5.00	5.30	106	70 - 130	
1,4-Dichlorobenzene	5.00	5.22	104	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.34	107	70 - 130	
2,4-Dichlorophenol	5.00	5.37	107	70 - 130	
Diethyl phthalate	5.00	5.22	104	70 - 130	
2,4-Dimethylphenol	5.00	5.23	105	70 - 130	
Dimethyl phthalate	5.00	5.18	104	70 - 130	
Di-n-butyl phthalate	5.00	5.38	108	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.16	103	70 - 130	
2,4-Dinitrophenol	10.0	9.20	92	70 - 130	
2,4-Dinitrotoluene	5.00	5.62	112	70 - 130	
2,6-Dinitrotoluene	5.00	5.57	111	70 - 130	
Di-n-octyl phthalate	5.00	5.25	105	70 - 130	
Fluoranthene	5.00	5.28	106	70 - 130	
Fluorene	5.00	5.18	104	70 - 130	
Hexachlorobenzene	5.00	5.25	105	70 - 130	
Hexachlorobutadiene	5.00	5.00	100	70 - 130	
Hexachloroethane	5.00	5.30	106	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.59	112	70 - 130	
Isophorone	5.00	5.37	107	70 - 130	
2-Methylnaphthalene	5.00	5.05	101	70 - 130	
2-Methylphenol	5.00	5.44	109	70 - 130	
3 & 4 Methylphenol	5.00	5.40	108	70 - 130	
Naphthalene	5.00	5.19	104	70 - 130	
2-Nitroaniline	5.00	5.64	113	70 - 130	
3-Nitroaniline	5.00	5.51	110	70 - 130	
4-Nitroaniline	5.00	5.71	114	70 - 130	
Nitrobenzene	5.00	5.42	108	70 - 130	
2-Nitrophenol	5.00	5.55	111	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-70697

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-70697/13	Analysis Batch:	240-70697	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	21231013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/31/2012 1349	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	5.22	104	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.31	106	70 - 130	
N-Nitrosodiphenylamine	5.00	5.21	104	70 - 130	
Pentachlorophenol	10.0	10.4	104	70 - 130	
Phenanthrene	5.00	5.25	105	70 - 130	
Phenol	5.00	5.54	111	70 - 130	
Pyrene	5.00	5.24	105	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.30	106	70 - 130	
2,4,5-Trichlorophenol	5.00	5.22	104	70 - 130	
2,4,6-Trichlorophenol	5.00	5.43	109	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	103		50 - 150
2-Fluorophenol (Surr)	109	Q	50 - 150
Nitrobenzene-d5 (Surr)	103	Q	50 - 150
Phenol-d5 (Surr)	109	Q	50 - 150
Terphenyl-d14 (Surr)	102		50 - 150
2,4,6-Tribromophenol (Surr)	105		50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-69738

Method: 8015B
Preparation: 5030B

Lab Sample ID:	MB 240-69738/36	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	YF122136.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/22/2012 0846	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/22/2012 0846			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
C6-C12	50	U	25	100

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	76	10 - 150

Method Blank - Batch: 240-69738

Method: 8015B
Preparation: N/A

Lab Sample ID:	MB 240-69738/52	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF122152.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/22/2012 1853	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)	89	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69738

Method: 8015B
Preparation: 5030B

Lab Sample ID:	MRL 240-69738/35	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	YF122135.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/22/2012 0808	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/22/2012 0808			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	100	78.6	79	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	85	70 - 130

Lab Control Sample - Batch: 240-69738

Method: 8015B
Preparation: 5030B

Lab Sample ID:	LCS 240-69738/37	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	YF122137.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/22/2012 0924	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/22/2012 0924			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	800	830	104	72 - 140	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	92	10 - 150

Method Reporting Limit Check - Batch: 240-69738

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-69738/51	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF122151.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/22/2012 1814	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	115	115	70 - 130	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	85	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 240-69738

Method: 8015B
Preparation: N/A

Lab Sample ID:	LCS 240-69738/53	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF122153.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	12/22/2012 1932	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	965	121	60 - 142	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	101	10 - 150

Method Reporting Limit Check - Batch: 240-69738

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-69738/76	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF122176.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/23/2012 1005	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	83.6	84	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	84	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69738

Method: 8015B
Preparation: 5030B

MS Lab Sample ID:	240-18703-24	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	YF122142.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/22/2012 1232			Final Weight/Volume:	5 mL
Prep Date:	12/22/2012 1232			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-18703-24	Analysis Batch:	240-69738	Instrument ID:	YPID
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	YF122143.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/22/2012 1310			Final Weight/Volume:	5 mL
Prep Date:	12/22/2012 1310			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C6-C12	106	108	63 - 143	2	20		

Surrogate	MS % Rec	MSD % Rec		Acceptance Limits
Trifluorotoluene (Surr)	88	88	M	10 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69738

Method: 8015B
Preparation: 5030B

MS Lab Sample ID:	240-18703-24	Units:	ug/L	MSD Lab Sample ID:	240-18703-24
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/22/2012 1232			Analysis Date:	12/22/2012 1310
Prep Date:	12/22/2012 1232			Prep Date:	12/22/2012 1310
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	50	U	800	800	846	864

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-69748

Method: 8015B
Preparation: 5035

Lab Sample ID:	MB 240-69748/1-A	Analysis Batch:	240-69965	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-69748	Lab File ID:	YF122406.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	12/24/2012 1104	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/21/2012 0933			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)	89	10 - 150

Lab Control Sample - Batch: 240-69748

Method: 8015B
Preparation: 5035

Lab Sample ID:	LCS 240-69748/2-A	Analysis Batch:	240-69965	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-69748	Lab File ID:	YF122407.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	12/24/2012 1143	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/21/2012 0933			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	40000	47100	118	60 - 142	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	102	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69965

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-69965/5	Analysis Batch:	240-69965	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF122405.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/24/2012 1026	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	147	147	70 - 130	^

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	85	10 - 150

Method Reporting Limit Check - Batch: 240-69965

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-69965/15	Analysis Batch:	240-69965	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF122415.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	12/24/2012 1643	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	118	118	70 - 130	

Surrogate	% Rec		Acceptance Limits
Trifluorotoluene (Surr)	5	Q	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-70834 **Method: 8015B**
Preparation: N/A

Lab Sample ID:	MRL 240-70834/28	Analysis Batch:	240-70834	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF010228.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/03/2013 0304	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	133	133	70 - 130	^

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	77	10 - 150

Method Reporting Limit Check - Batch: 240-70834 **Method: 8015B**
Preparation: N/A

Lab Sample ID:	MRL 240-70834/33	Analysis Batch:	240-70834	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF010233.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	01/03/2013 0613	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	125	125	70 - 130	

Surrogate	% Rec		Acceptance Limits
Trifluorotoluene (Surr)	0	Q	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-68549

Method: 8015B_DRO/DOD
Preparation: 3520C

Lab Sample ID:	MB 240-68549/15-A	Analysis Batch:	240-68949	Instrument ID:	A2HP5F
Client Matrix:	Water	Prep Batch:	240-68549	Lab File ID:	P5F10006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	12/17/2012 1433	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/13/2012 1126			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
C10-C20	240	U	240	500
C20-C34	240	U	240	500

Surrogate	% Rec	Acceptance Limits
n-Nonane	50	10 - 110

Lab Control Sample - Batch: 240-68549

Method: 8015B_DRO/DOD
Preparation: 3520C

Lab Sample ID:	LCS 240-68549/16-A	Analysis Batch:	240-68949	Instrument ID:	A2HP5F
Client Matrix:	Water	Prep Batch:	240-68549	Lab File ID:	P5F10007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	12/17/2012 1503	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/13/2012 1126			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	2500	2320	93	36 - 124	

Surrogate	% Rec	Acceptance Limits
n-Nonane	74	10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-68949

Method: 8015B_DRO/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-68949/4	Analysis Batch:	240-68949	Instrument ID:	A2HP5F
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5F10004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/17/2012 1332	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	98.5	99	70 - 130	J

Surrogate	% Rec	Acceptance Limits
n-Nonane	74	70 - 130

Method Reporting Limit Check - Batch: 240-68949

Method: 8015B_DRO/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-68949/23	Analysis Batch:	240-68949	Instrument ID:	A2HP5F
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5F10023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/17/2012 2305	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	108	108	70 - 130	

Surrogate	% Rec	Acceptance Limits
n-Nonane	78	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-69559

Method: 8015B_DRO/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-69559/17-A	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Client Matrix:	Solid	Prep Batch:	240-69559	Lab File ID:	P6F24007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/24/2012 1632	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 0927			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	64	10 - 110

Lab Control Sample - Batch: 240-69559

Method: 8015B_DRO/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-69559/18-A	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Client Matrix:	Solid	Prep Batch:	240-69559	Lab File ID:	P6F24008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/24/2012 1711	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 0927			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	83.3	68.9	83	47 - 138	

Surrogate	% Rec	Acceptance Limits
n-Nonane	68	10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69559

Method: 8015B_DRO/DOD
Preparation: 3540C

MS Lab Sample ID:	240-18703-8	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Client Matrix:	Solid	Prep Batch:	240-69559	Lab File ID:	P6F24012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.10 g
Analysis Date:	12/24/2012 1947			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 0927			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-18703-8	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Client Matrix:	Solid	Prep Batch:	240-69559	Lab File ID:	P6F24013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.06 g
Analysis Date:	12/24/2012 2026			Final Weight/Volume:	5 mL
Prep Date:	12/20/2012 0927			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel	93	44	10 - 199	16	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
n-Nonane	59	60	10 - 110

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-69559

Method: 8015B_DRO/DOD
Preparation: 3540C

MS Lab Sample ID:	240-18703-8	Units:	mg/Kg	MSD Lab Sample ID:	240-18703-8
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/24/2012 1947			Analysis Date:	12/24/2012 2026
Prep Date:	12/20/2012 0927			Prep Date:	12/20/2012 0927
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	240	98.3	98.4	331	283

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-69794

Method: 8015B_DRO/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-69794/6-A	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Client Matrix:	Solid	Prep Batch:	240-69794	Lab File ID:	P6F24021.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/25/2012 0137	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/21/2012 1138			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	62	10 - 110

Lab Control Sample - Batch: 240-69794

Method: 8015B_DRO/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-69794/7-A	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Client Matrix:	Solid	Prep Batch:	240-69794	Lab File ID:	P6F24022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/25/2012 0216	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/21/2012 1138			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	83.3	69.3	83	47 - 138	

Surrogate	% Rec	Acceptance Limits
n-Nonane	67	10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-69985

Method: 8015B_DRO/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-69985/23-A	Analysis Batch:	240-70185	Instrument ID:	A2HP5F
Client Matrix:	Solid	Prep Batch:	240-69985	Lab File ID:	P5F10006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/27/2012 1344	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/24/2012 0940			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	48	10 - 110

Lab Control Sample - Batch: 240-69985

Method: 8015B_DRO/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-69985/24-A	Analysis Batch:	240-70185	Instrument ID:	A2HP5F
Client Matrix:	Solid	Prep Batch:	240-69985	Lab File ID:	P5F10007.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/27/2012 1414	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	12/24/2012 0940			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	83.3	64.6	77	47 - 138	

Surrogate	% Rec	Acceptance Limits
n-Nonane	54	10 - 110

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-70006

Method: 8015B_DRO/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-70006/5	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P6F24005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/24/2012 1515	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	109	109	70 - 130	

Surrogate	% Rec	Acceptance Limits
n-Nonane	83	70 - 130

Method Reporting Limit Check - Batch: 240-70006

Method: 8015B_DRO/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-70006/29	Analysis Batch:	240-70006	Instrument ID:	A2HP6F
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P6F24029.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/25/2012 0647	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	110	110	70 - 130	

Surrogate	% Rec	Acceptance Limits
n-Nonane	88	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-70185 **Method: 8015B_DRO/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-70185/4	Analysis Batch:	240-70185	Instrument ID:	A2HP5F
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P5F10004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/27/2012 1244	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	105	105	70 - 130	

Surrogate	% Rec	Acceptance Limits
n-Nonane	77	70 - 130

Method Reporting Limit Check - Batch: 240-70185 **Method: 8015B_DRO/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-70185/33	Analysis Batch:	240-70185	Instrument ID:	A2HP5F
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P5F10033.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/28/2012 0321	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	92.0	92	70 - 130	J

Surrogate	% Rec	Acceptance Limits
n-Nonane	71	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-68554

Method: 8081/DOD
Preparation: 3520C

Lab Sample ID:	MB 240-68554/4-A	Analysis Batch:	240-69152	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	240-68554	Lab File ID:	P9121813.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	12/18/2012 1409	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/13/2012 1140			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
4,4'-DDD	0.010	U	0.0096	0.050
4,4'-DDE	0.010	U	0.0097	0.050
4,4'-DDT	0.030	U	0.016	0.050
Aldrin	0.010	U	0.0082	0.050
alpha-BHC	0.010	U	0.0070	0.050
alpha-Chlordane	0.014	U	0.014	0.050
beta-BHC	0.010	U	0.0084	0.050
delta-BHC	0.010	U	0.0087	0.050
Dieldrin	0.010	U	0.0075	0.050
Endosulfan I	0.013	U	0.013	0.050
Endosulfan II	0.012	U	0.012	0.050
Endosulfan sulfate	0.011	U	0.011	0.050
Endrin	0.011	U	0.011	0.050
Endrin aldehyde	0.011	U	0.011	0.050
Endrin ketone	0.010	U	0.0078	0.050
gamma-BHC (Lindane)	0.010	U	0.0064	0.050
gamma-Chlordane	0.012	U	0.012	0.050
Heptachlor	0.010	U	0.0080	0.050
Heptachlor epoxide	0.010	U	0.0071	0.050
Methoxychlor	0.032	U	0.032	0.10
Toxaphene	0.50	U	0.32	2.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	77	30 - 135
Tetrachloro-m-xylene	82	25 - 140

Surrogate	% Rec		Acceptance Limits
DCB Decachlorobiphenyl	75	M	30 - 135
Tetrachloro-m-xylene	77		25 - 140

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 240-68554

Method: 8081/DOD
Preparation: 3520C

Lab Sample ID:	LCS 240-68554/5-A	Analysis Batch:	240-69152	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	240-68554	Lab File ID:	P9121809.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	12/18/2012 1218	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/13/2012 1140			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.500	0.409	82	25 - 150	
4,4'-DDE	0.500	0.378	76	35 - 140	
4,4'-DDT	0.500	0.391	78	45 - 140	
Aldrin	0.500	0.362	72	25 - 140	
alpha-BHC	0.500	0.373	75	60 - 130	
alpha-Chlordane	0.500	0.363	73	65 - 125	
beta-BHC	0.500	0.369	74	65 - 125	
delta-BHC	0.500	0.382	76	45 - 135	
Dieldrin	0.500	0.388	78	60 - 130	
Endosulfan I	0.500	0.330	66	50 - 110	
Endosulfan II	0.500	0.347	69	30 - 130	
Endosulfan sulfate	0.500	0.378	76	55 - 135	
Endrin	0.500	0.389	78	55 - 135	
Endrin aldehyde	0.500	0.380	76	55 - 135	
Endrin ketone	0.500	0.391	78	75 - 125	
gamma-BHC (Lindane)	0.500	0.378	76	25 - 135	
gamma-Chlordane	0.500	0.380	76	60 - 125	
Heptachlor	0.500	0.381	76	40 - 130	
Heptachlor epoxide	0.500	0.384	77	60 - 130	
Methoxychlor	0.500	0.377	75	55 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	39	30 - 135
Tetrachloro-m-xylene	76	25 - 140

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	41	30 - 135
Tetrachloro-m-xylene	79	25 - 140

Method Reporting Limit Check - Batch: 240-69152 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69152/8	Analysis Batch:	240-69152	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9121808.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/18/2012 1151	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	0.00581	116	70 - 130	
4,4'-DDE	0.00500	0.00545	109	70 - 130	
4,4'-DDT	0.00500	0.00506	101	70 - 130	
Aldrin	0.00500	0.00539	108	70 - 130	
alpha-BHC	0.00500	0.00519	104	70 - 130	
alpha-Chlordane	0.00500	0.00565	113	70 - 130	
beta-BHC	0.00500	0.00589	118	70 - 130	
delta-BHC	0.00500	0.00528	106	70 - 130	
Dieldrin	0.00500	0.00577	115	70 - 130	
Endosulfan I	0.00500	0.00609	122	70 - 130	
Endosulfan II	0.00500	0.00597	119	70 - 130	
Endosulfan sulfate	0.00500	0.00585	117	70 - 130	
Endrin	0.00500	0.00614	123	70 - 130	
Endrin aldehyde	0.00500	0.00595	119	70 - 130	
Endrin ketone	0.00500	0.00593	119	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00546	109	70 - 130	
gamma-Chlordane	0.00500	0.00566	113	70 - 130	
Heptachlor	0.00500	0.00599	120	70 - 130	
Heptachlor epoxide	0.00500	0.00592	118	70 - 130	
Methoxychlor	0.00500	0.00558	112	70 - 130	J

Method Reporting Limit Check - Batch: 240-69152 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69152/8	Analysis Batch:	240-69152	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9121808.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/18/2012 1151	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	0.00634	127	70 - 130	
4,4'-DDE	0.00500	0.00597	119	70 - 130	
4,4'-DDT	0.00500	0.00505	101	70 - 130	
Aldrin	0.00500	0.00579	116	70 - 130	
alpha-BHC	0.00500	0.00531	106	70 - 130	
alpha-Chlordane	0.00500	0.00641	128	70 - 130	
beta-BHC	0.00500	0.00677	135	70 - 130	^
delta-BHC	0.00500	0.00568	114	70 - 130	
Dieldrin	0.00500	0.00638	128	70 - 130	
Endosulfan I	0.00500	0.00685	137	70 - 130	^
Endosulfan II	0.00500	0.00625	125	70 - 130	
Endosulfan sulfate	0.00500	0.00611	122	70 - 130	

Method Reporting Limit Check - Batch: 240-69152

Method: 8081/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-69152/8	Analysis Batch:	240-69152	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9121808.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/18/2012 1151	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	0.00648	130	70 - 130	
Endrin aldehyde	0.00500	0.00646	129	70 - 130	
Endrin ketone	0.00500	0.00589	118	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00591	118	70 - 130	
gamma-Chlordane	0.00500	0.00637	127	70 - 130	
Heptachlor	0.00500	0.00669	134	70 - 130	^
Heptachlor epoxide	0.00500	0.00655	131	70 - 130	^
Methoxychlor	0.00500	0.00529	106	70 - 130	J

Method Reporting Limit Check - Batch: 240-69152

Method: 8081/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-69152/22	Analysis Batch:	240-69152	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9121822.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/18/2012 1817	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	0.00506	101	70 - 130	
4,4'-DDE	0.00500	0.00492	98	70 - 130	J
4,4'-DDT	0.00500	0.00437	87	70 - 130	J
Aldrin	0.00500	0.00481	96	70 - 130	J
alpha-BHC	0.00500	0.00463	93	70 - 130	J
alpha-Chlordane	0.00500	0.00491	98	70 - 130	J
beta-BHC	0.00500	0.00513	103	70 - 130	
delta-BHC	0.00500	0.00465	93	70 - 130	J
Dieldrin	0.00500	0.00499	100	70 - 130	J
Endosulfan I	0.00500	0.00533	107	70 - 130	
Endosulfan II	0.00500	0.00514	103	70 - 130	
Endosulfan sulfate	0.00500	0.00503	101	70 - 130	
Endrin	0.00500	0.00530	106	70 - 130	
Endrin aldehyde	0.00500	0.00519	104	70 - 130	
Endrin ketone	0.00500	0.00512	102	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00480	96	70 - 130	J
gamma-Chlordane	0.00500	0.00492	98	70 - 130	J
Heptachlor	0.00500	0.00526	105	70 - 130	
Heptachlor epoxide	0.00500	0.00510	102	70 - 130	
Methoxychlor	0.00500	0.00467	93	70 - 130	J

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69152 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69152/22	Analysis Batch:	240-69152	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9121822.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/18/2012 1817	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	0.00530	106	70 - 130	
4,4'-DDE	0.00500	0.00520	104	70 - 130	
4,4'-DDT	0.00500	0.00420	84	70 - 130	J
Aldrin	0.00500	0.00496	99	70 - 130	J
alpha-BHC	0.00500	0.00457	91	70 - 130	J
alpha-Chlordane	0.00500	0.00540	108	70 - 130	
beta-BHC	0.00500	0.00564	113	70 - 130	
delta-BHC	0.00500	0.00484	97	70 - 130	J
Dieldrin	0.00500	0.00537	107	70 - 130	
Endosulfan I	0.00500	0.00582	116	70 - 130	
Endosulfan II	0.00500	0.00522	104	70 - 130	
Endosulfan sulfate	0.00500	0.00505	101	70 - 130	
Endrin	0.00500	0.00543	109	70 - 130	
Endrin aldehyde	0.00500	0.00541	108	70 - 130	
Endrin ketone	0.00500	0.00477	95	70 - 130	J
gamma-BHC (Lindane)	0.00500	0.00499	100	70 - 130	J
gamma-Chlordane	0.00500	0.00534	107	70 - 130	
Heptachlor	0.00500	0.00566	113	70 - 130	
Heptachlor epoxide	0.00500	0.00550	110	70 - 130	
Methoxychlor	0.00500	0.00438	88	70 - 130	J

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-69596

Method: 8081/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-69596/9-A	Analysis Batch:	240-69893	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-69596	Lab File ID:	P9122234.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/23/2012 0059	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/20/2012 1114			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	92	55 - 130
Tetrachloro-m-xylene	94	70 - 125

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	88	55 - 130
Tetrachloro-m-xylene	88	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 240-69596

Method: 8081/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-69596/10-A	Analysis Batch:	240-69893	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-69596	Lab File ID:	P9122235.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/23/2012 0123	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/20/2012 1114			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	33.3	36.4	109	30 - 135	
4,4'-DDE	33.3	30.9	93	70 - 125	
4,4'-DDT	33.3	32.6	98	45 - 140	
Aldrin	33.3	29.8	90	45 - 140	
alpha-BHC	33.3	32.7	98	60 - 125	
alpha-Chlordane	33.3	31.6	95	65 - 120	
beta-BHC	33.3	31.7	95	60 - 125	
delta-BHC	33.3	34.4	103	55 - 130	
Dieldrin	33.3	35.4	106	65 - 125	
Endosulfan I	33.3	30.1	90	15 - 135	
Endosulfan II	33.3	30.1	90	35 - 140	
Endosulfan sulfate	33.3	34.7	104	60 - 135	
Endrin	33.3	32.5	97	60 - 135	
Endrin aldehyde	33.3	33.8	101	35 - 145	
Endrin ketone	33.3	31.3	94	65 - 135	
gamma-BHC (Lindane)	33.3	34.8	104	60 - 125	
gamma-Chlordane	33.3	33.7	101	65 - 125	
Heptachlor	33.3	28.9	87	50 - 140	
Heptachlor epoxide	33.3	35.7	107	65 - 130	
Methoxychlor	33.3	32.7	98	55 - 145	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	55 - 130
Tetrachloro-m-xylene	109	70 - 125

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	86	55 - 130
Tetrachloro-m-xylene	107	70 - 125

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:	Solid	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:	Solid	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	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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:	Solid	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:	Solid	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: 240-18703-1

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:	Solid	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: 240-18703-1

Method Blank - Batch: 240-68553

Method: 8082/DOD
Preparation: 3520C

Lab Sample ID:	MB 240-68553/4-A	Analysis Batch:	240-69119	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	240-68553	Lab File ID:	P1300008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	12/18/2012 0941	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/13/2012 1137			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
Aroclor-1221	0.20	U	0.13	0.50
Aroclor-1016	0.20	U	0.17	0.50
Aroclor-1232	0.20	U	0.16	0.50
Aroclor-1242	0.40	U	0.22	0.50
Aroclor-1248	0.20	U	0.10	0.50
Aroclor-1254	0.20	U	0.16	0.50
Aroclor-1260	0.20	U	0.17	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	89	40 - 140
DCB Decachlorobiphenyl	76	40 - 135

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	78	40 - 140
DCB Decachlorobiphenyl	73	40 - 135

Lab Control Sample - Batch: 240-68553

Method: 8082/DOD
Preparation: 3520C

Lab Sample ID:	LCS 240-68553/5-A	Analysis Batch:	240-69119	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	240-68553	Lab File ID:	P1300009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	12/18/2012 0956	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	12/13/2012 1137			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	5.00	4.56	91	25 - 145	
Aroclor-1260	5.00	4.06	81	30 - 145	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	90	40 - 140
DCB Decachlorobiphenyl	70	40 - 135

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	79	40 - 140
DCB Decachlorobiphenyl	67	40 - 135

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69119 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69119/4	Analysis Batch:	240-69119	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:	12/18/2012 0841	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	0.0630	126	70 - 130	
Aroclor-1260	0.0500	0.0440	88	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	116	50 - 150
DCB Decachlorobiphenyl	95	50 - 150

Method Reporting Limit Check - Batch: 240-69119 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69119/4	Analysis Batch:	240-69119	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:	12/18/2012 0841	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	0.0579	116	70 - 130	
Aroclor-1260	0.0500	0.0514	103	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	132	50 - 150
DCB Decachlorobiphenyl	99	50 - 150

Method Reporting Limit Check - Batch: 240-69119 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69119/11	Analysis Batch:	240-69119	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/18/2012 1026	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	0.0567	113	70 - 130	
Aroclor-1260	0.0500	0.0457	91	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	112	50 - 150
DCB Decachlorobiphenyl	101	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69119

Method: 8082/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-69119/11	Analysis Batch:	240-69119	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/18/2012 1026	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	0.0565	113	70 - 130	
Aroclor-1260	0.0500	0.0504	101	70 - 130	

Surrogate	% Rec		Acceptance Limits
Tetrachloro-m-xylene	146	Q	50 - 150
DCB Decachlorobiphenyl	106		50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-69585

Method: 8082/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-69585/23-A	Analysis Batch:	240-69879	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	240-69585	Lab File ID:	P4000020.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/22/2012 0630	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/20/2012 1035			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	91	40 - 140
DCB Decachlorobiphenyl	84	60 - 125

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	79	40 - 140
DCB Decachlorobiphenyl	79	60 - 125

Lab Control Sample - Batch: 240-69585

Method: 8082/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-69585/24-A	Analysis Batch:	240-69978	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	240-69585	Lab File ID:	P4000020.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/24/2012 1407	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	12/20/2012 1035			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	282	85	40 - 140	
Aroclor-1260	333	276	83	60 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	87	40 - 140
DCB Decachlorobiphenyl	82	60 - 125

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	82	40 - 140
DCB Decachlorobiphenyl	80	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69879 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69879/39	Analysis Batch:	240-69879	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P4000039.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/22/2012 1129	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	0.0657	131	70 - 130	^
Aroclor-1260	0.0500	0.0604	121	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	121	50 - 150
DCB Decachlorobiphenyl	115	50 - 150

Method Reporting Limit Check - Batch: 240-69879 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69879/39	Analysis Batch:	240-69879	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P4000039.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/22/2012 1129	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	0.0602	120	70 - 130	
Aroclor-1260	0.0500	0.0568	114	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	117	50 - 150
DCB Decachlorobiphenyl	113	50 - 150

Method Reporting Limit Check - Batch: 240-69978 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69978/10	Analysis Batch:	240-69978	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:	12/24/2012 1129	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	0.0622	124	70 - 130	
Aroclor-1260	0.0500	0.0600	120	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	115	50 - 150
DCB Decachlorobiphenyl	121	50 - 150

Method Reporting Limit Check - Batch: 240-69978 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69978/10	Analysis Batch:	240-69978	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:	12/24/2012 1129	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	0.0554	111	70 - 130	
Aroclor-1260	0.0500	0.0556	111	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	109	50 - 150
DCB Decachlorobiphenyl	115	50 - 150

Method Reporting Limit Check - Batch: 240-69978 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-69978/22	Analysis Batch:	240-69978	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P4000022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/24/2012 1438	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	0.0650	130	70 - 130	
Aroclor-1260	0.0500	0.0613	123	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	121	50 - 150
DCB Decachlorobiphenyl	261 ^ Q	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69978

Method: 8082/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-69978/22	Analysis Batch:	240-69978	Instrument ID:	A2HP4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P4000022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/24/2012 1438	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	0.0582	116	70 - 130	
Aroclor-1260	0.0500	0.0583	117	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	111	50 - 150
DCB Decachlorobiphenyl	119	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-68522

Method: 8151/DOD
Preparation: 8151A

Lab Sample ID:	MB 240-68522/21-A	Analysis Batch:	240-68956	Instrument ID:	A2HP1
Client Matrix:	Water	Prep Batch:	240-68522	Lab File ID:	P1000017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	500 mL
Analysis Date:	12/17/2012 1616	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	12/13/2012 0953			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
2,4-D	0.50	U	0.41	4.0
Dalapon	0.20	U	0.17	2.0
2,4-DB	1.0	U	0.69	4.0
Dicamba	1.0	U	0.52	2.0
Dichlorprop	1.0	U	0.86	4.0
Dinoseb	0.20	U	0.087	0.60
MCPA	400	U	390	400
MCPP	400	U	400	400
Pentachlorophenol	0.040	U	0.024	0.10
Silvex (2,4,5-TP)	0.20	U	0.20	1.0
2,4,5-T	0.50	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	73	32 - 112

Surrogate	% Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	87	32 - 112

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 240-68522

Method: 8151/DOD
Preparation: 8151A

Lab Sample ID:	LCS 240-68522/22-A	Analysis Batch:	240-68956	Instrument ID:	A2HP1
Client Matrix:	Water	Prep Batch:	240-68522	Lab File ID:	P1000018.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	500 mL
Analysis Date:	12/17/2012 1640	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	12/13/2012 0953			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4-D	40.0	39.2	98	35 - 115	
Dalapon	20.0	15.7	79	40 - 110	
2,4-DB	40.0	33.4	83	45 - 130	
Dicamba	20.0	18.6	93	60 - 110	
Dichlorprop	40.0	47.0	117	70 - 120	
Dinoseb	6.00	4.62	77	20 - 110	
MCPA	4000	3970	99	60 - 145	
Silvex (2,4,5-TP)	10.0	9.39	94	50 - 115	
2,4,5-T	10.0	9.47	95	35 - 110	

Surrogate	% Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	89	32 - 112

Surrogate	% Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	98	32 - 112

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-68956

Method: 8151/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-68956/12	Analysis Batch:	240-68956	Instrument ID:	A2HP1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1000012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/17/2012 1418	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
2,4-D	0.0200	0.0195	98	70 - 130	
Dalapon	0.0100	0.0125	125	70 - 130	
2,4-DB	0.0200	0.0173	87	70 - 130	
Dicamba	0.0100	0.0117	117	70 - 130	
Dichlorprop	0.0200	0.0241	120	70 - 130	
Dinoseb	0.00300	0.00348	116	70 - 130	
MCPA	2.00	1.04	52	70 - 130	^
Silvex (2,4,5-TP)	0.00500	0.00523	105	70 - 130	
2,4,5-T	0.00500	0.00442	88	70 - 130	

Surrogate	% Rec		Acceptance Limits
2,4-Dichlorophenylacetic acid	116	Q	32 - 112

Method Reporting Limit Check - Batch: 240-68956

Method: 8151/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-68956/12	Analysis Batch:	240-68956	Instrument ID:	A2HP1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1000012.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/17/2012 1418	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
2,4-D	0.0200	0.0212	106	70 - 130	
Dalapon	0.0100	0.0124	124	70 - 130	
2,4-DB	0.0200	0.00287	14	70 - 130	J ^
Dicamba	0.0100	0.0117	117	70 - 130	
Dichlorprop	0.0200	0.0234	117	70 - 130	
Dinoseb	0.00300	0.00330	110	70 - 130	
MCPA	2.00	1.38	69	70 - 130	^
Silvex (2,4,5-TP)	0.00500	0.00538	108	70 - 130	
2,4,5-T	0.00500	0.00507	101	70 - 130	

Surrogate	% Rec		Acceptance Limits
2,4-Dichlorophenylacetic acid	117	Q	32 - 112

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-68956 **Method: 8151/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-68956/21	Analysis Batch:	240-68956	Instrument ID:	A2HP1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1000021.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/17/2012 1750	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
2,4-D	0.0200	0.0203	102	70 - 130	
Dalapon	0.0100	0.0126	126	70 - 130	
2,4-DB	0.0200	0.0198	99	70 - 130	
Dicamba	0.0100	0.0122	122	70 - 130	
Dichlorprop	0.0200	0.0248	124	70 - 130	
Dinoseb	0.00300	0.00370	123	70 - 130	
MCPA	2.00	1.20	60	70 - 130	^
Silvex (2,4,5-TP)	0.00500	0.00541	108	70 - 130	
2,4,5-T	0.00500	0.00479	96	70 - 130	

Surrogate	% Rec		Acceptance Limits
2,4-Dichlorophenylacetic acid	122	Q	32 - 112

Method Reporting Limit Check - Batch: 240-68956 **Method: 8151/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-68956/21	Analysis Batch:	240-68956	Instrument ID:	A2HP1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1000021.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/17/2012 1750	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
2,4-D	0.0200	0.0214	107	70 - 130	
Dalapon	0.0100	0.0126	126	70 - 130	
2,4-DB	0.0200	0.0219	109	70 - 130	
Dicamba	0.0100	0.0119	119	70 - 130	
Dichlorprop	0.0200	0.0244	122	70 - 130	
Dinoseb	0.00300	0.00358	119	70 - 130	
MCPA	2.00	1.40	70	70 - 130	
Silvex (2,4,5-TP)	0.00500	0.00570	114	70 - 130	
2,4,5-T	0.00500	0.00510	102	70 - 130	M

Surrogate	% Rec		Acceptance Limits
2,4-Dichlorophenylacetic acid	119	Q	32 - 112

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-69221

Method: 8151/DOD
Preparation: 8151A

Lab Sample ID:	MB 240-69221/23-A	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Client Matrix:	Solid	Prep Batch:	240-69221	Lab File ID:	P1000044.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/23/2012 0356	Units:	ug/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/18/2012 1108			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
2,4-D	33	U	19	80
Dalapon	17	U	7.8	40
2,4-DB	33	U	22	80
Dicamba	17	U	8.1	40
Dichlorprop	67	U	37	80
Dinoseb	10	U	10	12
MCPA	3300	U	1700	8000
MCPP	3300	U	1500	8000
Pentachlorophenol	8.3	U	4.3	10
Silvex (2,4,5-TP)	8.3	U	4.1	20
2,4,5-T	8.3	U	3.8	20

Surrogate	% Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	80	19 - 122

Surrogate	% Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	73	19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 240-69221

Method: 8151/DOD
Preparation: 8151A

Lab Sample ID:	LCS 240-69221/24-A	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Client Matrix:	Solid	Prep Batch:	240-69221	Lab File ID:	P1000045.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 g
Analysis Date:	12/23/2012 0419	Units:	ug/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/18/2012 1108			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4-D	667	603	90	35 - 145	
Dalapon	333	234	70	30 - 122	
2,4-DB	667	558	84	50 - 155	
Dicamba	333	285	86	55 - 110	
Dichlorprop	667	761	114	75 - 140	
Dinoseb	100	13.2	13	5 - 130	
MCPA	66700	63500	95	25 - 132	
Silvex (2,4,5-TP)	167	144	86	45 - 125	
2,4,5-T	167	146	88	45 - 135	

Surrogate	% Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	88	19 - 122

Surrogate	% Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	78	19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69890

Method: 8151/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-69890/17	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P1000017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/22/2012 1721	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
2,4-D	0.0200	0.0221	110	70 - 130	
Dalapon	0.0100	0.0119	119	70 - 130	
2,4-DB	0.0200	0.0211	106	70 - 130	
Dicamba	0.0100	0.0115	115	70 - 130	
Dichlorprop	0.0200	0.0242	121	70 - 130	
Dinoseb	0.00300	0.00310	103	70 - 130	
MCPA	2.00	1.11	56	70 - 130	^
Silvex (2,4,5-TP)	0.00500	0.00538	108	70 - 130	
2,4,5-T	0.00500	0.00518	104	70 - 130	M

Surrogate	% Rec		Acceptance Limits
2,4-Dichlorophenylacetic acid	123	Q	19 - 122

Method Reporting Limit Check - Batch: 240-69890

Method: 8151/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-69890/17	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P1000017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/22/2012 1721	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
2,4-D	0.0200	0.0217	108	70 - 130	
Dalapon	0.0100	0.0123	123	70 - 130	
2,4-DB	0.0200	0.0202	101	70 - 130	
Dicamba	0.0100	0.0122	122	70 - 130	
Dichlorprop	0.0200	0.0248	124	70 - 130	
Dinoseb	0.00300	0.00326	109	70 - 130	
MCPA	2.00	1.06	53	70 - 130	^
Silvex (2,4,5-TP)	0.00500	0.00542	108	70 - 130	
2,4,5-T	0.00500	0.00482	96	70 - 130	

Surrogate	% Rec		Acceptance Limits
2,4-Dichlorophenylacetic acid	124	Q	19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 240-69890

Method: 8151/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-69890/46	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P1000046.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/23/2012 0443	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
2,4-D	0.0200	0.0244	122	70 - 130	
Dalapon	0.0100	0.0127	127	70 - 130	
2,4-DB	0.0200	0.0241	121	70 - 130	
Dicamba	0.0100	0.0125	125	70 - 130	
Dichlorprop	0.0200	0.0278	139	70 - 130	^
Dinoseb	0.00300	0.00371	124	70 - 130	
MCPA	2.00	1.56	78	70 - 130	
Silvex (2,4,5-TP)	0.00500	0.00597	119	70 - 130	
2,4,5-T	0.00500	0.00593	119	70 - 130	

Surrogate	% Rec		Acceptance Limits
2,4-Dichlorophenylacetic acid	133	Q	19 - 122

Method Reporting Limit Check - Batch: 240-69890

Method: 8151/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-69890/46	Analysis Batch:	240-69890	Instrument ID:	A2HP1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P1000046.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/23/2012 0443	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
2,4-D	0.0200	0.0243	121	70 - 130	
Dalapon	0.0100	0.0119	119	70 - 130	
2,4-DB	0.0200	0.0230	115	70 - 130	
Dicamba	0.0100	0.0130	130	70 - 130	
Dichlorprop	0.0200	0.0275	138	70 - 130	^
Dinoseb	0.00300	0.00384	128	70 - 130	
MCPA	2.00	1.46	73	70 - 130	
Silvex (2,4,5-TP)	0.00500	0.00583	117	70 - 130	
2,4,5-T	0.00500	0.00551	110	70 - 130	

Surrogate	% Rec		Acceptance Limits
2,4-Dichlorophenylacetic acid	136	Q	19 - 122

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 320-7807

Method: 8330 Modified
Preparation: Filtration

Lab Sample ID:	MB 320-7807/1-A	Analysis Batch:	320-7855	Instrument ID:	PDA1
Client Matrix:	Water	Prep Batch:	320-7807	Lab File ID:	320-0001969-050-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	12/27/2012 0325	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	12/24/2012 1240			Injection Volume:	50 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Nitroguanidine	6.0	U	2.4	20

Lab Control Sample - Batch: 320-7807

Method: 8330 Modified
Preparation: Filtration

Lab Sample ID:	LCS 320-7807/2-A	Analysis Batch:	320-7855	Instrument ID:	PDA1
Client Matrix:	Water	Prep Batch:	320-7807	Lab File ID:	320-0001969-052-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	12/27/2012 0354	Units:	ug/L	Final Weight/Volume:	10 mL
Prep Date:	12/24/2012 1240			Injection Volume:	50 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitroguanidine	250	255	102	73 - 117	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-7807

Method: 8330 Modified
Preparation: Filtration

MS Lab Sample ID:	240-18703-24	Analysis Batch:	320-7855	Instrument ID:	PDA1
Client Matrix:	Water	Prep Batch:	320-7807	Lab File ID:	320-0001969-054-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	12/27/2012 0423			Final Weight/Volume:	10 mL
Prep Date:	12/24/2012 1240			Injection Volume:	50 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-18703-24	Analysis Batch:	320-7855	Instrument ID:	PDA1
Client Matrix:	Water	Prep Batch:	320-7807	Lab File ID:	320-0001969-055-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	12/27/2012 0437			Final Weight/Volume:	10 mL
Prep Date:	12/24/2012 1240			Injection Volume:	50 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitroguanidine	105	103	73 - 117	1	15		

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-7807

Method: 8330 Modified
Preparation: Filtration

MS Lab Sample ID:	240-18703-24	Units: ug/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	12/27/2012 0423		
Prep Date:	12/24/2012 1240		
Leach Date:	N/A		

MSD Lab Sample ID:	240-18703-24
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	12/27/2012 0437
Prep Date:	12/24/2012 1240
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Nitroguanidine	6.0	U	250	250	262	259

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 320-7404

Method: 8330B
Preparation: 8330-Prep

Lab Sample ID:	MB 320-7404/1-A	Analysis Batch:	320-7620	Instrument ID:	LC10
Client Matrix:	Water	Prep Batch:	320-7404	Lab File ID:	S000068.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	12/21/2012 1322	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	12/14/2012 1107			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
1,3-Dinitrobenzene	0.10	U	0.050	0.10
2,4-Dinitrotoluene	0.10	U	0.050	0.10
2,6-Dinitrotoluene	0.10	U	0.050	0.10
2-Amino-4,6-dinitrotoluene	0.10	U	0.015	0.20
2-Nitrotoluene	0.10	U	0.088	0.50
4-Amino-2,6-dinitrotoluene	0.10	U	0.050	0.10
3-Nitrotoluene	0.10	U	0.057	0.50
HMX	0.050	U	0.036	0.10
4-Nitrotoluene	0.10	U	0.088	0.50
Nitrobenzene	0.10	U	0.050	0.10
RDX	0.050	U	0.036	0.10
Nitroglycerin	0.50	U	0.33	0.65
Tetryl	0.10	U	0.050	0.10
PETN	0.50	U	0.30	0.65
1,3,5-Trinitrobenzene	0.050	U	0.031	0.10
2,4,6-Trinitrotoluene	0.10	U	0.050	0.10

Surrogate	% Rec	Acceptance Limits
3,4-Dinitrotoluene	97	79 - 111

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 320-7404

Method: 8330B
Preparation: 8330-Prep

Lab Sample ID:	LCS 320-7404/2-A	Analysis Batch:	320-7620	Instrument ID:	LC10
Client Matrix:	Water	Prep Batch:	320-7404	Lab File ID:	S000069.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	12/21/2012 1402	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	12/14/2012 1107			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,3-Dinitrobenzene	1.00	1.08	108	72 - 123	
2,4-Dinitrotoluene	1.00	1.02	102	70 - 119	
2,6-Dinitrotoluene	1.00	1.01	101	71 - 119	
2-Amino-4,6-dinitrotoluene	1.00	1.04	104	77 - 123	
2-Nitrotoluene	1.00	0.936	94	64 - 120	
4-Amino-2,6-dinitrotoluene	1.00	1.05	105	68 - 113	
3-Nitrotoluene	1.00	0.981	98	67 - 114	
HMX	1.00	1.04	104	67 - 115	
4-Nitrotoluene	1.00	0.982	98	67 - 115	
Nitrobenzene	1.00	1.06	106	69 - 119	
RDX	1.00	1.10	110	68 - 122	
Nitroglycerin	5.00	4.97	99	85 - 115	
Tetryl	1.00	0.969	97	66 - 105	
PETN	5.00	4.53	91	84 - 117	
1,3,5-Trinitrobenzene	1.00	1.05	105	74 - 120	
2,4,6-Trinitrotoluene	1.00	0.993	99	69 - 111	

Surrogate	% Rec	Acceptance Limits
3,4-Dinitrotoluene	97	79 - 111

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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
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
2-Amino-4,6-dinitrotoluene	0.050	U	0.013	0.25
2-Nitrotoluene	0.050	U	0.013	0.25
4-Amino-2,6-dinitrotoluene	0.050	U	0.010	0.25
3-Nitrotoluene	0.050	U	0.016	0.25
HMX	0.050	U	0.012	0.25
4-Nitrotoluene	0.050	U	0.018	0.25
Nitrobenzene	0.050	U	0.018	0.25
RDX	0.050	U	0.012	0.25
Nitroglycerin	0.25	U	0.015	0.50
Tetryl	0.050	U	0.010	0.25
PETN	0.25	U	0.025	0.50
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: 240-18703-1

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
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	
2-Amino-4,6-dinitrotoluene	0.500	0.502	100	79 - 119	
2-Nitrotoluene	0.500	0.460	92	78 - 118	
4-Amino-2,6-dinitrotoluene	0.500	0.507	101	81 - 121	
3-Nitrotoluene	0.500	0.476	95	77 - 117	
HMX	0.500	0.501	100	80 - 120	
4-Nitrotoluene	0.500	0.481	96	78 - 118	
Nitrobenzene	0.500	0.505	101	80 - 120	
RDX	0.500	0.500	100	82 - 122	
Nitroglycerin	1.00	0.956	96	76 - 116	
Tetryl	0.500	0.470	94	63 - 120	
PETN	1.00	0.908	91	76 - 116	
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: 240-18703-1

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: 240-18703-1

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: 240-18703-1

Method Blank - Batch: 180-59308

Method: 6020/DOD
Preparation: 3005A
Total Recoverable

Lab Sample ID:	MB 180-59308/1-A	Analysis Batch:	180-59694	Instrument ID:	M
Client Matrix:	Water	Prep Batch:	180-59308	Lab File ID:	M21228A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	12/29/2012 0345	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	12/24/2012 1024				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Silver	0.20	U	0.11	1.0
Aluminum	6.47	J	2.6	30
Arsenic	0.50	U	0.29	1.0
Barium	0.15	U Q	0.098	10
Beryllium	0.090	U	0.045	1.0
Calcium	20	U	9.4	100
Cadmium	0.30	U	0.13	1.0
Chromium	1.0	U	0.54	2.0
Cobalt	0.050	U Q	0.026	0.50
Copper	0.50	U Q	0.24	2.0
Iron	19.2	J	11	50
Magnesium	22	U	11	100
Manganese	0.30	U	0.16	5.0
Sodium	55	U	27	100
Nickel	0.35	U	0.17	1.0
Lead	0.30	U	0.15	1.0
Antimony	0.90	U	0.46	2.0
Thallium	0.20	U	0.10	1.0
Vanadium	0.60	U	0.30	1.0
Zinc	2.0	U Q	0.96	5.0
Potassium	60	U	32	100
Selenium	1.0	U Q	0.51	5.0

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 180-59308

Method: 6020/DOD
Preparation: 3005A
Total Recoverable

LCS Lab Sample ID:	LCS 180-59308/2-A	Analysis Batch:	180-59694	Instrument ID:	M
Client Matrix:	Water	Prep Batch:	180-59308	Lab File ID:	M21228A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	12/29/2012 0350	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	12/24/2012 1024				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 180-59308/3-A	Analysis Batch:	180-59694	Instrument ID:	M
Client Matrix:	Water	Prep Batch:	180-59308	Lab File ID:	M21228A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	12/29/2012 0354	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	12/24/2012 1024				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Silver	92	93	80 - 120	1	20		
Aluminum	92	91	80 - 120	1	20		
Arsenic	93	92	80 - 120	1	20		
Barium	88	88	80 - 120	0	20	Q	Q
Beryllium	89	89	80 - 120	0	20		
Calcium	94	95	80 - 120	1	20		
Cadmium	93	92	80 - 120	0	20		
Chromium	91	92	80 - 120	1	20		
Cobalt	89	90	80 - 120	2	20	Q	Q
Copper	92	93	80 - 120	1	20	Q	Q
Iron	99	100	80 - 120	1	20		
Magnesium	90	91	80 - 120	1	20		
Manganese	92	93	80 - 120	1	20		
Sodium	84	86	80 - 120	3	20		
Nickel	90	91	80 - 120	2	20		
Lead	88	89	80 - 120	2	20		
Antimony	88	88	80 - 120	1	20		
Thallium	86	87	80 - 120	2	20		
Vanadium	92	93	80 - 120	1	20		
Zinc	93	93	80 - 120	0	20	Q	Q
Potassium	91	93	80 - 120	1	20		
Selenium	102	101	80 - 120	1	20	Q	Q

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 180-59308

Method: 6020/DOD
Preparation: 3005A
Total Recoverable

LCS Lab Sample ID:	LCS 180-59308/2-A	Units:	ug/L	LCSD Lab Sample ID:	LCSD 180-59308/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/29/2012 0350			Analysis Date:	12/29/2012 0354
Prep Date:	12/24/2012 1024			Prep Date:	12/24/2012 1024
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual	
Silver	50.0	50.0	45.9		46.3	
Aluminum	2000	2000	1830		1820	
Arsenic	40.0	40.0	37.4		36.9	
Barium	2000	2000	1760	Q	1770	Q
Beryllium	50.0	50.0	44.7		44.5	
Calcium	50000	50000	47000		47300	
Cadmium	50.0	50.0	46.3		46.2	
Chromium	200	200	182		184	
Cobalt	500	500	445	Q	452	Q
Copper	250	250	230	Q	233	Q
Iron	1000	1000	989		997	
Magnesium	50000	50000	44900		45500	
Manganese	500	500	460		463	
Sodium	50000	50000	41900		43200	
Nickel	500	500	448		456	
Lead	20.0	20.0	17.6		17.9	
Antimony	500	500	442		438	
Thallium	50.0	50.0	43.0		43.7	
Vanadium	500	500	460		464	
Zinc	500	500	464	Q	463	Q
Potassium	50000	50000	45700		46300	
Selenium	10.0	10.0	10.2	Q	10.1	Q

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Serial Dilution - Batch: 180-59308

Method: 6020/DOD
Preparation: 3005A
Total Recoverable

Lab Sample ID:	240-18703-24	Analysis Batch:	180-59694	Instrument ID:	M
Client Matrix:	Water	Prep Batch:	180-59308	Lab File ID:	M21228A.xml
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	50 mL
Analysis Date:	12/29/2012 0403	Units:	ug/L	Final Weight/Volume:	50 mL
Prep Date:	12/24/2012 1024				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Silver	0.20	U	1.0	NC	10	U
Aluminum	14	J	41.2	NC	10	J D
Arsenic	0.50	U	2.5	NC	10	U
Barium	0.43	J	0.685	NC	10	J D Q
Beryllium	0.090	U	0.45	NC	10	U
Calcium	82	J	158	NC	10	J D
Cadmium	0.30	U	1.5	NC	10	U
Chromium	0.76	J	5.0	NC	10	U
Cobalt	0.036	J	0.25	NC	10	U Q
Copper	0.50	U	2.5	NC	10	U Q
Iron	20	J	100	NC	10	U
Magnesium	22	U	110	NC	10	U
Manganese	1.9	J	2.00	NC	10	J D
Sodium	150		156	NC	10	J D
Nickel	0.47	J	1.8	NC	10	U
Lead	0.30	U	1.5	NC	10	U
Antimony	0.90	U	4.5	NC	10	U
Thallium	0.25	J	1.0	NC	10	U
Vanadium	0.60	U	3.0	NC	10	U
Zinc	1.1	J	5.76	NC	10	J D Q
Potassium	60	U	300	NC	10	U
Selenium	1.0	U	5.0	NC	10	U Q

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 180-59442

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	MB 180-59442/1-A	Analysis Batch:	180-59733	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	00001.05 g
Analysis Date:	12/29/2012 1729	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Silver	0.029	U	0.011	0.095
Aluminum	0.57	U	0.27	2.9
Arsenic	0.048	U	0.017	0.095
Barium	0.0122	J Q	0.010	0.95
Beryllium	0.0095	U	0.0071	0.095
Calcium	2.18	J	1.3	9.5
Cadmium	0.029	U	0.013	0.095
Chromium	0.038	U	0.021	0.19
Cobalt	0.0095	U Q	0.0023	0.048
Copper	0.057	U Q	0.031	0.19
Iron	1.19	J	1.0	4.8
Magnesium	1.9	U	1.0	9.5
Manganese	0.029	U	0.015	0.48
Sodium	4.8	U	2.5	9.5
Nickel	0.029	U	0.011	0.095
Lead	0.029	U	0.015	0.095
Antimony	0.095	U	0.044	0.19
Thallium	0.019	U	0.0097	0.095
Vanadium	0.057	U	0.028	0.095
Zinc	0.19	U Q	0.062	0.48
Potassium	5.7	U	3.0	9.5
Selenium	0.095	U	0.048	0.48

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Lab Control Sample - Batch: 180-59442

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	LCS 180-59442/2-A	Analysis Batch:	180-59733	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	00001.13 g
Analysis Date:	12/29/2012 1733	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	4.42	4.31	97	60 - 114	
Aluminum	177	193	109	80 - 120	
Arsenic	3.54	3.08	87	73 - 110	
Barium	177	172	97	70 - 110	Q
Beryllium	4.42	4.02	91	79 - 110	
Calcium	4420	4620	104	80 - 120	
Cadmium	4.42	3.99	90	74 - 110	
Chromium	17.7	18.3	103	70 - 110	
Cobalt	44.2	45.3	102	74 - 110	Q
Copper	22.1	22.8	103	73 - 110	Q
Iron	88.5	94.7	107	80 - 120	
Magnesium	4420	4700	106	80 - 120	
Manganese	44.2	43.1	97	80 - 120	
Sodium	4420	4700	106	80 - 120	
Nickel	44.2	44.9	102	75 - 110	
Lead	1.77	1.82	103	75 - 110	
Antimony	44.2	38.5	87	68 - 113	
Thallium	4.42	4.49	102	71 - 110	
Vanadium	44.2	45.8	104	72 - 110	
Zinc	44.2	39.2	88	72 - 113	Q
Potassium	4420	4570	103	80 - 120	
Selenium	0.885	0.825	93	65 - 110	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Post Digestion Spike - Batch: 180-59442

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18703-9	Analysis Batch:	180-59733	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	00001.14 g
Analysis Date:	12/29/2012 1759	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	0.030	J	5.13	5.53	107	80 - 120	
Aluminum	11000		205	9900	-384	80 - 120	
Arsenic	17		4.10	20.5	84	80 - 120	
Barium	37		205	243	100	80 - 120	Q
Beryllium	0.48		5.13	5.38	96	80 - 120	
Calcium	5700		5130	16100	203	80 - 120	J
Cadmium	0.16		5.13	5.12	97	80 - 120	
Chromium	16		20.5	35.9	98	80 - 120	
Cobalt	11		51.3	65.4	105	80 - 120	Q
Copper	20		25.6	46.8	104	80 - 120	Q
Iron	29000		103	25700	-3580	80 - 120	
Magnesium	5300		5130	14000	169	80 - 120	J
Manganese	420		51.3	448	50	80 - 120	
Sodium	92		5130	5580	107	80 - 120	
Nickel	26		51.3	77.8	101	80 - 120	
Lead	12		2.05	13.9	92	80 - 120	
Antimony	0.10	J	51.3	46.4	90	80 - 120	
Thallium	0.16		5.13	5.91	112	80 - 120	
Vanadium	18		51.3	70.8	103	80 - 120	
Zinc	56		51.3	103	91	80 - 120	Q
Potassium	1900		5130	6740	95	80 - 120	
Selenium	0.42	J	1.03	1.41	97	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 180-59442

Method: 6020/DOD
Preparation: 3050B

MS Lab Sample ID:	240-18703-9	Analysis Batch:	180-59733	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	00001.07 g
Analysis Date:	12/29/2012 1751			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				
Leach Date:	N/A				

MSD Lab Sample ID:	240-18703-9	Analysis Batch:	180-59733	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	00001.03 g
Analysis Date:	12/29/2012 1755			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Silver	96	96	75 - 125	5	20		
Aluminum	1620	2008	70 - 130	7	20	4	4
Arsenic	68	88	23 - 131	5	20		
Barium	94	97	10 - 199	6	20	Q	Q
Beryllium	89	91	58 - 112	5	20		
Calcium	141	114	70 - 130	10	20	J	
Cadmium	90	91	58 - 110	5	20		
Chromium	103	106	10 - 199	4	20		
Cobalt	94	94	55 - 110	3	20	Q	Q
Copper	89	92	10 - 199	4	20	Q	Q
Iron	-2663	-1889	70 - 130	3	20	4	4
Magnesium	108	110	70 - 130	3	20		
Manganese	61	72	10 - 199	2	20	4	4
Sodium	104	104	70 - 130	4	20		
Nickel	92	92	10 - 176	3	20		
Lead	209	205	10 - 199	1	20	4	4
Antimony	41	41	75 - 125	3	20	J	J
Thallium	106	106	82 - 110	4	20		
Vanadium	100	104	39 - 129	5	20		
Zinc	79	85	10 - 199	5	20	Q	Q
Potassium	102	109	70 - 130	8	20		
Selenium	91	94	39 - 116	4	20		

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 180-59442

Method: 6020/DOD
Preparation: 3050B

MS Lab Sample ID:	240-18703-9	Analysis Batch:	180-59733	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	00001.07 g
Analysis Date:	12/30/2012 0558			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				
Leach Date:	N/A				

MSD Lab Sample ID:	240-18703-9	Analysis Batch:	180-59733	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	00001.03 g
Analysis Date:	12/30/2012 0602			Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Silver	106	103	75 - 125	1	20		
Aluminum	2580	2738	70 - 130	3	20	4	4
Arsenic	122	146	23 - 131	6	20		J
Barium	103	103	10 - 199	3	20	Q	Q
Beryllium	87	88	58 - 112	5	20		
Calcium	100	102	70 - 130	3	20		
Cadmium	95	94	58 - 110	2	20		
Chromium	122	127	10 - 199	5	20		
Cobalt	100	102	55 - 110	5	20	Q	Q
Copper	100	106	10 - 199	6	20	Q	Q
Iron	1567	3471	70 - 130	7	20	4	4
Magnesium	105	107	70 - 130	3	20		
Manganese	130	188	10 - 199	7	20	4	4
Sodium	91	90	70 - 130	3	20		
Nickel	99	102	10 - 176	5	20		
Lead	150	246	10 - 199	14	20	4	4
Antimony	66	65	75 - 125	3	20	J	J
Thallium	103	104	82 - 110	5	20		
Vanadium	115	119	39 - 129	6	20		
Zinc	91	98	10 - 199	6	20	Q	Q
Potassium	122	121	70 - 130	3	20		
Selenium	96	94	39 - 116	1	20		

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 180-59442

Method: 6020/DOD
Preparation: 3050B

MS Lab Sample ID:	240-18703-9	Units: mg/Kg		MSD Lab Sample ID:	240-18703-9
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/29/2012 1751			Analysis Date:	12/29/2012 1755
Prep Date:	12/27/2012 0750			Prep Date:	12/27/2012 0750
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Silver	0.030	J	5.46	5.68	5.25		5.50	
Aluminum	11000		219	227	14200	4	15200	4
Arsenic	17		4.37	4.54	20.0		21.0	
Barium	37		219	227	243	Q	258	Q
Beryllium	0.48		5.46	5.68	5.34		5.63	
Calcium	5700		5460	5680	13400	J	12200	
Cadmium	0.16		5.46	5.68	5.07		5.33	
Chromium	16		21.9	22.7	38.3		39.9	
Cobalt	11		54.6	56.8	62.9	Q	64.9	Q
Copper	20		27.3	28.4	44.5	Q	46.4	Q
Iron	29000		109	114	26400	4	27200	4
Magnesium	5300		5460	5680	11200		11600	
Manganese	420		54.6	56.8	456	4	464	4
Sodium	92		5460	5680	5780		6000	
Nickel	26		54.6	56.8	76.1		78.0	
Lead	12		2.19	2.27	16.6	4	16.7	4
Antimony	0.10	J	54.6	56.8	22.6	J	23.3	J
Thallium	0.16		5.46	5.68	5.95		6.19	
Vanadium	18		54.6	56.8	72.6		76.7	
Zinc	56		54.6	56.8	98.9	Q	104	Q
Potassium	1900		5460	5680	7430		8060	
Selenium	0.42	J	1.09	1.14	1.42		1.49	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 180-59442

Method: 6020/DOD
Preparation: 3050B

MS Lab Sample ID:	240-18703-9	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	12/30/2012 0558		
Prep Date:	12/27/2012 0750		
Leach Date:	N/A		

MSD Lab Sample ID:	240-18703-9
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	12/30/2012 0602
Prep Date:	12/27/2012 0750
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Silver	0.030	J	5.46	5.68	5.81		5.85	
Aluminum	11000		219	227	16300	4	16900	4
Arsenic	17		4.37	4.54	22.4		23.7	J
Barium	37		219	227	263	Q	272	Q
Beryllium	0.48		5.46	5.68	5.23		5.48	
Calcium	5700		5460	5680	11100		11500	
Cadmium	0.16		5.46	5.68	5.35		5.48	
Chromium	16		21.9	22.7	42.6		44.7	
Cobalt	11		54.6	56.8	65.8	Q	69.2	Q
Copper	20		27.3	28.4	47.6	Q	50.4	Q
Iron	29000		109	114	31100	4	33300	4
Magnesium	5300		5460	5680	11100		11400	
Manganese	420		54.6	56.8	494	4	529	4
Sodium	92		5460	5680	5070		5220	
Nickel	26		54.6	56.8	79.9		83.9	
Lead	12		2.19	2.27	15.3	4	17.7	4
Antimony	0.10	J	54.6	56.8	36.2	J	37.1	J
Thallium	0.16		5.46	5.68	5.78		6.08	
Vanadium	18		54.6	56.8	80.9		85.6	
Zinc	56		54.6	56.8	105	Q	112	Q
Potassium	1900		5460	5680	8530		8780	
Selenium	0.42	J	1.09	1.14	1.47		1.49	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Serial Dilution - Batch: 180-59442

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-18703-9	Analysis Batch:	180-59733	Instrument ID:	M
Client Matrix:	Solid	Prep Batch:	180-59442	Lab File ID:	M21229A.xml
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	00001.14 g
Analysis Date:	12/29/2012 1746	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 0750				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Silver	0.030	J	0.15	NC	10	U
Aluminum	11000		9870	7.7	10	D
Arsenic	17		17.0	0.03	10	D
Barium	37		34.1	8.7	10	D Q
Beryllium	0.48		0.483	0.62	10	J D
Calcium	5700		10900	91	10	D V
Cadmium	0.16		0.130	NC	10	J D
Chromium	16		14.1	11	10	D V
Cobalt	11		10.9	3.5	10	D Q
Copper	20		20.5	1.4	10	D Q
Iron	29000		26900	8.5	10	D
Magnesium	5300		8820	66	10	D V
Manganese	420		401	5.2	10	D
Sodium	92		104	NC	10	D
Nickel	26		25.4	1.5	10	D
Lead	12		12.0	0.38	10	D
Antimony	0.10	J	0.51	NC	10	U
Thallium	0.16		0.146	NC	10	J D
Vanadium	18		14.6	19	10	D V
Zinc	56		60.9	9.2	10	D Q
Potassium	1900		1590	16	10	D V
Selenium	0.42	J	0.51	NC	10	U

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-70255

Method: 7470A/DOD
Preparation: 7470A

Lab Sample ID:	MB 240-70255/1-A	Analysis Batch:	240-70694	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-70255	Lab File ID:	122912A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	12/29/2012 1159	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1600				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Mercury	0.20	U	0.12	0.20

Lab Control Sample - Batch: 240-70255

Method: 7470A/DOD
Preparation: 7470A

Lab Sample ID:	LCS 240-70255/2-A	Analysis Batch:	240-70694	Instrument ID:	H1
Client Matrix:	Water	Prep Batch:	240-70255	Lab File ID:	122912A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	12/29/2012 1200	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1600				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	4.89	98	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 240-70273

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	MB 240-70273/1-A	Analysis Batch:	240-70525	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	12/28/2012 1634	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Mercury	0.033	U	0.014	0.10

Lab Control Sample - Batch: 240-70273

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	LCS 240-70273/2-A	Analysis Batch:	240-70525	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	12/28/2012 1635	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.833	0.807	97	80 - 120	

Matrix Spike - Batch: 240-70273

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-18703-8	Analysis Batch:	240-70525	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.56 g
Analysis Date:	12/28/2012 1642	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.042	U	0.211	0.227	107	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Duplicate - Batch: 240-70273

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-18703-8	Analysis Batch:	240-70525	Instrument ID:	H4
Client Matrix:	Solid	Prep Batch:	240-70273	Lab File ID:	122812A-HG4.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.56 g
Analysis Date:	12/28/2012 1640	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	12/27/2012 1525				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.042	U	0.042	NC		U

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Duplicate - Batch: 240-68573 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-18703-1	Analysis Batch:	240-68573	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:	12/13/2012 1344	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	87	86	1	20	
Percent Moisture	13	14	8	20	

Duplicate - Batch: 240-68573 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-18703-16	Analysis Batch:	240-68573	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:	12/13/2012 1344	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	90	90	0.02	20	
Percent Moisture	9.9	9.9	0.2	20	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 320-7638

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

Lab Sample ID:	MB 320-7571/1-B	Analysis Batch:	320-8137	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-7638	Lab File ID:	122012AA.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:	320-8137	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-7638	Lab File ID:	122012AA.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	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Blank - Batch: 320-7878

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

Lab Sample ID:	MB 320-7816/1-B	Analysis Batch:	320-8009	Instrument ID:	FS4
Client Matrix:	Water	Prep Batch:	320-7878	Lab File ID:	122712A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	12/27/2012 1333	Units:	mg/L	Final Weight/Volume:	40 mL
Prep Date:	12/27/2012 0607				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Nitrocellulose	1.0	U	0.48	2.0

Lab Control Sample - Batch: 320-7878

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

Lab Sample ID:	LCS 320-7816/2-B	Analysis Batch:	320-8009	Instrument ID:	FS4
Client Matrix:	Water	Prep Batch:	320-7878	Lab File ID:	122712A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	12/27/2012 1335	Units:	mg/L	Final Weight/Volume:	40 mL
Prep Date:	12/27/2012 0607				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	5.10	5.13	101	26 - 144	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-7878

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

MS Lab Sample ID:	240-18703-24	Analysis Batch:	320-8009	Instrument ID:	FS4
Client Matrix:	Water	Prep Batch:	320-7878	Lab File ID:	122712A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	12/27/2012 1339			Final Weight/Volume:	40 mL
Prep Date:	12/27/2012 0607				
Leach Date:	N/A				

MSD Lab Sample ID:	240-18703-24	Analysis Batch:	320-8009	Instrument ID:	FS4
Client Matrix:	Water	Prep Batch:	320-7878	Lab File ID:	122712A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	12/27/2012 1341			Final Weight/Volume:	40 mL
Prep Date:	12/27/2012 0607				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrocellulose	98	99	26 - 144	1	45		

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-7878

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

MS Lab Sample ID:	240-18703-24	Units:	mg/L	MSD Lab Sample ID:	240-18703-24
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/27/2012 1339			Analysis Date:	12/27/2012 1341
Prep Date:	12/27/2012 0607			Prep Date:	12/27/2012 0607
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Nitrocellulose	1.0	U	5.10	5.10	5.00	5.05

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 320-8009 **Method: WS-WC-0050**
Preparation: N/A

Lab Sample ID:	MRL 320-8009/10	Analysis Batch:	320-8009	Instrument ID:	FS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	122712A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/27/2012 1323	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	94	70 - 130	U

Method Reporting Limit Check - Batch: 320-8009 **Method: WS-WC-0050**
Preparation: N/A

Lab Sample ID:	MRL 320-8009/20	Analysis Batch:	320-8009	Instrument ID:	FS4
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	122712A.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	12/27/2012 1343	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	104	70 - 130	U

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Method Reporting Limit Check - Batch: 320-8137 **Method: WS-WC-0050**
Preparation: N/A

Lab Sample ID:	MRL 320-8137/10	Analysis Batch:	320-8137	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	122012AA.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: 320-8137 **Method: WS-WC-0050**
Preparation: N/A

Lab Sample ID:	MRL 320-8137/20	Analysis Batch:	320-8137	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	122012AA.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: 320-8137 **Method: WS-WC-0050**
Preparation: N/A

Lab Sample ID:	MRL 320-8137/34	Analysis Batch:	320-8137	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	122012AA.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: 320-8137 **Method: WS-WC-0050**
Preparation: N/A

Lab Sample ID:	MRL 320-8137/47	Analysis Batch:	320-8137	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	122012AA.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: 240-18703-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	^	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
	^	Instrument related QC exceeds the control limits
	M	Manual integrated compound.
	Q	One or more quality control criteria failed.
	U	Undetected at the Limit of Detection.
GC 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
	M	Manual integrated compound.
	Q	One or more quality control criteria failed.
	H	Sample was prepped or analyzed beyond the specified holding time
	U	Undetected at the Limit of Detection.

DATA REPORTING QUALIFIERS

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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.
	U	Undetected at the Limit of Detection.
HPLC/IC		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	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.
General Chemistry		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	U	Undetected at the Limit of Detection.

Client: Environmental Chemical Corp. Job Number: 240-18703-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 240-68832					
240-18703-1	072SB-0092-0001-SO	T	Solid	5035	
240-18703-8	072SB-0082-0001-SO	T	Solid	5035	
240-18703-9	072SB-0083-0001-SO	T	Solid	5035	
240-18703-10	072SB-0084-0001-SO	T	Solid	5035	
240-18703-11	072SB-0085-0001-SO	T	Solid	5035	
240-18703-12	072SB-0086-0001-SO	T	Solid	5035	
240-18703-13	072SB-0087-0001-SO	T	Solid	5035	
240-18703-14	072SB-0088-0001-SO	T	Solid	5035	
240-18703-15	072SB-0089-0001-SO	T	Solid	5035	
240-18703-16	072SB-0090-0001-SO	T	Solid	5035	
240-18703-17	072SB-0091-0001-SO	T	Solid	5035	
240-18703-18	072SB-0075-0001-SO	T	Solid	5035	
240-18703-19	072SB-0076-0001-SO	T	Solid	5035	
240-18703-20	072SB-0077-0001-SO	T	Solid	5035	
240-18703-21	072SB-0079-0001-SO	T	Solid	5035	
240-18703-22	072SB-0080-0001-SO	T	Solid	5035	
240-18703-23	072SB-0081-0001-SO	T	Solid	5035	
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	
240-18703-8	072SB-0082-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-18	072SB-0075-0001-SO	T	Solid	8260B/DoD	240-68832
Analysis Batch:240-69093					
LCS 240-69093/7	Lab Control Sample	T	Solid	8260B/DoD	
MB 240-69093/8	Method Blank	T	Solid	8260B/DoD	
240-18703-1	072SB-0092-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-9	072SB-0083-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-10	072SB-0084-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-11	072SB-0085-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-12	072SB-0086-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-13	072SB-0087-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-14	072SB-0088-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-15	072SB-0089-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-16	072SB-0090-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-17	072SB-0091-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-19	072SB-0076-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-20	072SB-0077-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-21	072SB-0079-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-22	072SB-0080-0001-SO	T	Solid	8260B/DoD	240-68832
240-18703-23	072SB-0081-0001-SO	T	Solid	8260B/DoD	240-68832

Client: Environmental Chemical Corp. Job Number: 240-18703-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-69591					
LCS 240-69591/4	Lab Control Sample	T	Water	8260B/DoD	
MB 240-69591/6	Method Blank	T	Water	8260B/DoD	
240-18703-2	076SB-0137-0001-TB	T	Water	8260B/DoD	
240-18703-3	076SB-0138-0001-TB	T	Water	8260B/DoD	
240-18703-4	076SB-0139-0001-TB	T	Water	8260B/DoD	
240-18703-24	076-0140-0001-ER	T	Water	8260B/DoD	
240-18703-24MS	Matrix Spike	T	Water	8260B/DoD	
240-18703-24MSD	Matrix Spike Duplicate	T	Water	8260B/DoD	
240-18703-25	076-0141-0001-TB	T	Water	8260B/DoD	
240-18703-26	076-0142-0001-TB	T	Water	8260B/DoD	

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-18703-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-68547					
LCS 240-68547/19-A	Lab Control Sample	T	Water	3520C	
MB 240-68547/18-A	Method Blank	T	Water	3520C	
240-18703-24	076-0140-0001-ER	T	Water	3520C	
Analysis Batch:240-68962					
LCS 240-68547/19-A	Lab Control Sample	T	Water	8270C/DoD	240-68547
MB 240-68547/18-A	Method Blank	T	Water	8270C/DoD	240-68547
240-18703-24	076-0140-0001-ER	T	Water	8270C/DoD	240-68547
Prep Batch: 240-69569					
LCS 240-69569/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-69569/23-A	Method Blank	T	Solid	3540C	
240-18703-1	072SB-0092-0001-SO	T	Solid	3540C	
240-18703-8	072SB-0082-0001-SO	T	Solid	3540C	
240-18703-9	072SB-0083-0001-SO	T	Solid	3540C	
240-18703-10	072SB-0084-0001-SO	T	Solid	3540C	
240-18703-11	072SB-0085-0001-SO	T	Solid	3540C	
240-18703-12	072SB-0086-0001-SO	T	Solid	3540C	
240-18703-13	072SB-0087-0001-SO	T	Solid	3540C	
240-18703-14	072SB-0088-0001-SO	T	Solid	3540C	
240-18703-15	072SB-0089-0001-SO	T	Solid	3540C	
240-18703-16	072SB-0090-0001-SO	T	Solid	3540C	
240-18703-17	072SB-0091-0001-SO	T	Solid	3540C	
240-18703-19	072SB-0076-0001-SO	T	Solid	3540C	
240-18703-20	072SB-0077-0001-SO	T	Solid	3540C	
240-18703-21	072SB-0079-0001-SO	T	Solid	3540C	
240-18703-22	072SB-0080-0001-SO	T	Solid	3540C	
Prep Batch: 240-69614					
LCS 240-69614/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-69614/23-A	Method Blank	T	Solid	3540C	
240-18703-23	072SB-0081-0001-SO	T	Solid	3540C	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:240-69988					
LCS 240-69569/24-A	Lab Control Sample	T	Solid	8270C/DoD	240-69569
MB 240-69569/23-A	Method Blank	T	Solid	8270C/DoD	240-69569
240-18703-1	072SB-0092-0001-SO	T	Solid	8270C/DoD	240-69569
240-18703-8	072SB-0082-0001-SO	T	Solid	8270C/DoD	240-69569
240-18703-9	072SB-0083-0001-SO	T	Solid	8270C/DoD	240-69569
240-18703-10	072SB-0084-0001-SO	T	Solid	8270C/DoD	240-69569
240-18703-11	072SB-0085-0001-SO	T	Solid	8270C/DoD	240-69569
240-18703-12	072SB-0086-0001-SO	T	Solid	8270C/DoD	240-69569
240-18703-13	072SB-0087-0001-SO	T	Solid	8270C/DoD	240-69569
240-18703-14	072SB-0088-0001-SO	T	Solid	8270C/DoD	240-69569
240-18703-15	072SB-0089-0001-SO	T	Solid	8270C/DoD	240-69569
240-18703-16	072SB-0090-0001-SO	T	Solid	8270C/DoD	240-69569
240-18703-17	072SB-0091-0001-SO	T	Solid	8270C/DoD	240-69569
240-18703-19	072SB-0076-0001-SO	T	Solid	8270C/DoD	240-69569
240-18703-20	072SB-0077-0001-SO	T	Solid	8270C/DoD	240-69569
240-18703-21	072SB-0079-0001-SO	T	Solid	8270C/DoD	240-69569
240-18703-22	072SB-0080-0001-SO	T	Solid	8270C/DoD	240-69569
Prep Batch: 240-69993					
LCS 240-69993/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-69993/23-A	Method Blank	T	Solid	3540C	
240-18703-18	072SB-0075-0001-SO	T	Solid	3540C	
Analysis Batch:240-70697					
LCS 240-69614/24-A	Lab Control Sample	T	Solid	8270C/DoD	240-69614
MB 240-69614/23-A	Method Blank	T	Solid	8270C/DoD	240-69614
LCS 240-69993/24-A	Lab Control Sample	T	Solid	8270C/DoD	240-69993
MB 240-69993/23-A	Method Blank	T	Solid	8270C/DoD	240-69993
240-18703-18	072SB-0075-0001-SO	T	Solid	8270C/DoD	240-69993
240-18703-23	072SB-0081-0001-SO	T	Solid	8270C/DoD	240-69614

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-18703-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:240-69738					
LCS 240-69738/53	Lab Control Sample	T	Solid	8015B	
MB 240-69738/52	Method Blank	T	Solid	8015B	
LCS 240-69738/37	Lab Control Sample	T	Water	8015B	
MB 240-69738/36	Method Blank	T	Water	8015B	
240-18703-1	072SB-0092-0001-SO	T	Solid	8015B	240-69885
240-18703-5	076SB-0143-0001-TB	T	Water	8015B	
240-18703-6	076SB-0144-0001-TB	T	Water	8015B	
240-18703-7	076SB-0145-0001-TB	T	Water	8015B	
240-18703-9	072SB-0083-0001-SO	T	Solid	8015B	240-69885
240-18703-10	072SB-0084-0001-SO	T	Solid	8015B	240-69885
240-18703-11	072SB-0085-0001-SO	T	Solid	8015B	240-69885
240-18703-12	072SB-0086-0001-SO	T	Solid	8015B	240-69885
240-18703-13	072SB-0087-0001-SO	T	Solid	8015B	240-69885
240-18703-14	072SB-0088-0001-SO	T	Solid	8015B	240-69885
240-18703-15	072SB-0089-0001-SO	T	Solid	8015B	240-69885
240-18703-16	072SB-0090-0001-SO	T	Solid	8015B	240-69885
240-18703-17	072SB-0091-0001-SO	T	Solid	8015B	240-69885
240-18703-18	072SB-0075-0001-SO	T	Solid	8015B	240-69885
240-18703-19	072SB-0076-0001-SO	T	Solid	8015B	240-69885
240-18703-20	072SB-0077-0001-SO	T	Solid	8015B	240-69885
240-18703-21	072SB-0079-0001-SO	T	Solid	8015B	240-69885
240-18703-22	072SB-0080-0001-SO	T	Solid	8015B	240-69885
240-18703-23	072SB-0081-0001-SO	T	Solid	8015B	240-69885
240-18703-24	076-0140-0001-ER	T	Water	8015B	
240-18703-24MS	Matrix Spike	T	Water	8015B	
240-18703-24MSD	Matrix Spike Duplicate	T	Water	8015B	
240-18703-25	076-0141-0001-TB	T	Water	8015B	
240-18703-26	076-0142-0001-TB	T	Water	8015B	
Prep Batch: 240-69748					
LCS 240-69748/2-A	Lab Control Sample	T	Solid	5035	
MB 240-69748/1-A	Method Blank	T	Solid	5035	
240-18703-8	072SB-0082-0001-SO	T	Solid	5035	
240-18703-8RA	072SB-0082-0001-SO	T	Solid	5035	
240-18703-20	072SB-0077-0001-SO	T	Solid	5035	
240-18703-22	072SB-0080-0001-SO	T	Solid	5035	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 240-69885					
240-18703-1	072SB-0092-0001-SO	T	Solid	5035	
240-18703-9	072SB-0083-0001-SO	T	Solid	5035	
240-18703-10	072SB-0084-0001-SO	T	Solid	5035	
240-18703-11	072SB-0085-0001-SO	T	Solid	5035	
240-18703-12	072SB-0086-0001-SO	T	Solid	5035	
240-18703-13	072SB-0087-0001-SO	T	Solid	5035	
240-18703-14	072SB-0088-0001-SO	T	Solid	5035	
240-18703-15	072SB-0089-0001-SO	T	Solid	5035	
240-18703-16	072SB-0090-0001-SO	T	Solid	5035	
240-18703-17	072SB-0091-0001-SO	T	Solid	5035	
240-18703-18	072SB-0075-0001-SO	T	Solid	5035	
240-18703-19	072SB-0076-0001-SO	T	Solid	5035	
240-18703-20	072SB-0077-0001-SO	T	Solid	5035	
240-18703-21	072SB-0079-0001-SO	T	Solid	5035	
240-18703-22	072SB-0080-0001-SO	T	Solid	5035	
240-18703-23	072SB-0081-0001-SO	T	Solid	5035	
Analysis Batch:240-69965					
LCS 240-69748/2-A	Lab Control Sample	T	Solid	8015B	240-69748
MB 240-69748/1-A	Method Blank	T	Solid	8015B	240-69748
240-18703-8	072SB-0082-0001-SO	T	Solid	8015B	240-69748
240-18703-20	072SB-0077-0001-SO	T	Solid	8015B	240-69748
240-18703-22	072SB-0080-0001-SO	T	Solid	8015B	240-69748
Analysis Batch:240-70834					
240-18703-8RA	072SB-0082-0001-SO	T	Solid	8015B	240-69748

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-18703-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-68522					
LCS 240-68522/22-A	Lab Control Sample	T	Water	8151A	
MB 240-68522/21-A	Method Blank	T	Water	8151A	
240-18703-24	076-0140-0001-ER	T	Water	8151A	
Prep Batch: 240-68549					
LCS 240-68549/16-A	Lab Control Sample	T	Water	3520C	
MB 240-68549/15-A	Method Blank	T	Water	3520C	
240-18703-24	076-0140-0001-ER	T	Water	3520C	
Prep Batch: 240-68553					
LCS 240-68553/5-A	Lab Control Sample	T	Water	3520C	
MB 240-68553/4-A	Method Blank	T	Water	3520C	
240-18703-24	076-0140-0001-ER	T	Water	3520C	
Prep Batch: 240-68554					
LCS 240-68554/5-A	Lab Control Sample	T	Water	3520C	
MB 240-68554/4-A	Method Blank	T	Water	3520C	
240-18703-24	076-0140-0001-ER	T	Water	3520C	
Analysis Batch:240-68949					
LCS 240-68549/16-A	Lab Control Sample	T	Water	8015B_DRO/DO	240-68549
MB 240-68549/15-A	Method Blank	T	Water	8015B_DRO/DO	240-68549
240-18703-24	076-0140-0001-ER	T	Water	8015B_DRO/DO	240-68549
Analysis Batch:240-68956					
LCS 240-68522/22-A	Lab Control Sample	T	Water	8151/DOD	240-68522
MB 240-68522/21-A	Method Blank	T	Water	8151/DOD	240-68522
240-18703-24	076-0140-0001-ER	T	Water	8151/DOD	240-68522
Analysis Batch:240-69119					
LCS 240-68553/5-A	Lab Control Sample	T	Water	8082/DOD	240-68553
MB 240-68553/4-A	Method Blank	T	Water	8082/DOD	240-68553
240-18703-24	076-0140-0001-ER	T	Water	8082/DOD	240-68553
Analysis Batch:240-69152					
LCS 240-68554/5-A	Lab Control Sample	T	Water	8081/DOD	240-68554
MB 240-68554/4-A	Method Blank	T	Water	8081/DOD	240-68554
240-18703-24	076-0140-0001-ER	T	Water	8081/DOD	240-68554

Client: Environmental Chemical Corp. Job Number: 240-18703-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-69221					
LCS 240-69221/24-A	Lab Control Sample	T	Solid	8151A	
MB 240-69221/23-A	Method Blank	T	Solid	8151A	
240-18703-18	072SB-0075-0001-SO	T	Solid	8151A	
240-18703-19	072SB-0076-0001-SO	T	Solid	8151A	
240-18703-20	072SB-0077-0001-SO	T	Solid	8151A	
240-18703-21	072SB-0079-0001-SO	T	Solid	8151A	
240-18703-22	072SB-0080-0001-SO	T	Solid	8151A	
240-18703-23	072SB-0081-0001-SO	T	Solid	8151A	
Prep Batch: 240-69559					
LCS 240-69559/18-A	Lab Control Sample	T	Solid	3540C	
MB 240-69559/17-A	Method Blank	T	Solid	3540C	
240-18703-1	072SB-0092-0001-SO	T	Solid	3540C	
240-18703-8	072SB-0082-0001-SO	T	Solid	3540C	
240-18703-8MS	Matrix Spike	T	Solid	3540C	
240-18703-8MSD	Matrix Spike Duplicate	T	Solid	3540C	
240-18703-9	072SB-0083-0001-SO	T	Solid	3540C	
240-18703-10	072SB-0084-0001-SO	T	Solid	3540C	
240-18703-11	072SB-0085-0001-SO	T	Solid	3540C	
240-18703-12	072SB-0086-0001-SO	T	Solid	3540C	
240-18703-13	072SB-0087-0001-SO	T	Solid	3540C	
Prep Batch: 240-69585					
LCS 240-69585/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-69585/23-A	Method Blank	T	Solid	3540C	
240-18703-8	072SB-0082-0001-SO	T	Solid	3540C	
240-18703-18	072SB-0075-0001-SO	T	Solid	3540C	
Prep Batch: 240-69596					
LCS 240-69596/10-A	Lab Control Sample	T	Solid	3540C	
MB 240-69596/9-A	Method Blank	T	Solid	3540C	
240-18703-8	072SB-0082-0001-SO	T	Solid	3540C	
240-18703-18	072SB-0075-0001-SO	T	Solid	3540C	
Prep Batch: 240-69794					
LCS 240-69794/7-A	Lab Control Sample	T	Solid	3540C	
MB 240-69794/6-A	Method Blank	T	Solid	3540C	
240-18703-14	072SB-0088-0001-SO	T	Solid	3540C	
240-18703-15	072SB-0089-0001-SO	T	Solid	3540C	
Analysis Batch:240-69879					
MB 240-69585/23-A	Method Blank	T	Solid	8082/DOD	240-69585

Client: Environmental Chemical Corp. Job Number: 240-18703-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-69890					
LCS 240-69221/24-A	Lab Control Sample	T	Solid	8151/DOD	240-69221
MB 240-69221/23-A	Method Blank	T	Solid	8151/DOD	240-69221
240-18703-18	072SB-0075-0001-SO	T	Solid	8151/DOD	240-69221
240-18703-19	072SB-0076-0001-SO	T	Solid	8151/DOD	240-69221
240-18703-20	072SB-0077-0001-SO	T	Solid	8151/DOD	240-69221
240-18703-21	072SB-0079-0001-SO	T	Solid	8151/DOD	240-69221
240-18703-22	072SB-0080-0001-SO	T	Solid	8151/DOD	240-69221
240-18703-23	072SB-0081-0001-SO	T	Solid	8151/DOD	240-69221
Analysis Batch:240-69893					
LCS 240-69596/10-A	Lab Control Sample	T	Solid	8081/DOD	240-69596
MB 240-69596/9-A	Method Blank	T	Solid	8081/DOD	240-69596
240-18703-8	072SB-0082-0001-SO	T	Solid	8081/DOD	240-69596
240-18703-18	072SB-0075-0001-SO	T	Solid	8081/DOD	240-69596
Analysis Batch:240-69978					
LCS 240-69585/24-A	Lab Control Sample	T	Solid	8082/DOD	240-69585
240-18703-8	072SB-0082-0001-SO	T	Solid	8082/DOD	240-69585
240-18703-18	072SB-0075-0001-SO	T	Solid	8082/DOD	240-69585
Prep Batch: 240-69985					
LCS 240-69985/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-69985/23-A	Method Blank	T	Solid	3540C	
240-18703-16	072SB-0090-0001-SO	T	Solid	3540C	
240-18703-17	072SB-0091-0001-SO	T	Solid	3540C	
240-18703-18	072SB-0075-0001-SO	T	Solid	3540C	
240-18703-19	072SB-0076-0001-SO	T	Solid	3540C	
240-18703-20	072SB-0077-0001-SO	T	Solid	3540C	
240-18703-21	072SB-0079-0001-SO	T	Solid	3540C	
240-18703-22	072SB-0080-0001-SO	T	Solid	3540C	
240-18703-23	072SB-0081-0001-SO	T	Solid	3540C	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-70006					
LCS 240-69559/18-A	Lab Control Sample	T	Solid	8015B_DRO/DO	240-69559
MB 240-69559/17-A	Method Blank	T	Solid	8015B_DRO/DO	240-69559
LCS 240-69794/7-A	Lab Control Sample	T	Solid	8015B_DRO/DO	240-69794
MB 240-69794/6-A	Method Blank	T	Solid	8015B_DRO/DO	240-69794
240-18703-1	072SB-0092-0001-SO	T	Solid	8015B_DRO/DO	240-69559
240-18703-8	072SB-0082-0001-SO	T	Solid	8015B_DRO/DO	240-69559
240-18703-8MS	Matrix Spike	T	Solid	8015B_DRO/DO	240-69559
240-18703-8MSD	Matrix Spike Duplicate	T	Solid	8015B_DRO/DO	240-69559
240-18703-9	072SB-0083-0001-SO	T	Solid	8015B_DRO/DO	240-69559
240-18703-10	072SB-0084-0001-SO	T	Solid	8015B_DRO/DO	240-69559
240-18703-11	072SB-0085-0001-SO	T	Solid	8015B_DRO/DO	240-69559
240-18703-12	072SB-0086-0001-SO	T	Solid	8015B_DRO/DO	240-69559
240-18703-13	072SB-0087-0001-SO	T	Solid	8015B_DRO/DO	240-69559
240-18703-14	072SB-0088-0001-SO	T	Solid	8015B_DRO/DO	240-69794
240-18703-15	072SB-0089-0001-SO	T	Solid	8015B_DRO/DO	240-69794
Analysis Batch:240-70185					
LCS 240-69985/24-A	Lab Control Sample	T	Solid	8015B_DRO/DO	240-69985
MB 240-69985/23-A	Method Blank	T	Solid	8015B_DRO/DO	240-69985
240-18703-16	072SB-0090-0001-SO	T	Solid	8015B_DRO/DO	240-69985
240-18703-17	072SB-0091-0001-SO	T	Solid	8015B_DRO/DO	240-69985
240-18703-18	072SB-0075-0001-SO	T	Solid	8015B_DRO/DO	240-69985
240-18703-19	072SB-0076-0001-SO	T	Solid	8015B_DRO/DO	240-69985
240-18703-20	072SB-0077-0001-SO	T	Solid	8015B_DRO/DO	240-69985
240-18703-21	072SB-0079-0001-SO	T	Solid	8015B_DRO/DO	240-69985
240-18703-22	072SB-0080-0001-SO	T	Solid	8015B_DRO/DO	240-69985
240-18703-23	072SB-0081-0001-SO	T	Solid	8015B_DRO/DO	240-69985

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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	
240-18703-1	072SB-0092-0001-SO	T	Solid	3050B	
Prep Batch: 180-59308					
LCS 180-59308/2-A	Lab Control Sample	R	Water	3005A	
LCSD 180-59308/3-A	Lab Control Sample Duplicate	R	Water	3005A	
MB 180-59308/1-A	Method Blank	R	Water	3005A	
240-18703-24	076-0140-0001-ER	R	Water	3005A	
Prep Batch: 180-59442					
LCS 180-59442/2-A	Lab Control Sample	T	Solid	3050B	
MB 180-59442/1-A	Method Blank	T	Solid	3050B	
240-18703-8	072SB-0082-0001-SO	T	Solid	3050B	
240-18703-9	072SB-0083-0001-SO	T	Solid	3050B	
240-18703-9MS	Matrix Spike	T	Solid	3050B	
240-18703-9MSD	Matrix Spike Duplicate	T	Solid	3050B	
240-18703-10	072SB-0084-0001-SO	T	Solid	3050B	
240-18703-11	072SB-0085-0001-SO	T	Solid	3050B	
240-18703-12	072SB-0086-0001-SO	T	Solid	3050B	
240-18703-13	072SB-0087-0001-SO	T	Solid	3050B	
240-18703-14	072SB-0088-0001-SO	T	Solid	3050B	
240-18703-15	072SB-0089-0001-SO	T	Solid	3050B	
240-18703-16	072SB-0090-0001-SO	T	Solid	3050B	
240-18703-17	072SB-0091-0001-SO	T	Solid	3050B	
240-18703-18	072SB-0075-0001-SO	T	Solid	3050B	
240-18703-19	072SB-0076-0001-SO	T	Solid	3050B	
240-18703-20	072SB-0077-0001-SO	T	Solid	3050B	
240-18703-21	072SB-0079-0001-SO	T	Solid	3050B	
240-18703-22	072SB-0080-0001-SO	T	Solid	3050B	
240-18703-23	072SB-0081-0001-SO	T	Solid	3050B	
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
LCS 180-59308/2-A	Lab Control Sample	R	Water	6020/DOD	180-59308
LCSD 180-59308/3-A	Lab Control Sample Duplicate	R	Water	6020/DOD	180-59308
MB 180-59308/1-A	Method Blank	R	Water	6020/DOD	180-59308
240-18703-1	072SB-0092-0001-SO	T	Solid	6020/DOD	180-59183
240-18703-24	076-0140-0001-ER	R	Water	6020/DOD	180-59308

Client: Environmental Chemical Corp. Job Number: 240-18703-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:180-59733					
LCS 180-59442/2-A	Lab Control Sample	T	Solid	6020/DOD	180-59442
MB 180-59442/1-A	Method Blank	T	Solid	6020/DOD	180-59442
240-18703-8	072SB-0082-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-9	072SB-0083-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-9MS	Matrix Spike	T	Solid	6020/DOD	180-59442
240-18703-9MSD	Matrix Spike Duplicate	T	Solid	6020/DOD	180-59442
240-18703-10	072SB-0084-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-11	072SB-0085-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-12	072SB-0086-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-13	072SB-0087-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-14	072SB-0088-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-15	072SB-0089-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-16	072SB-0090-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-17	072SB-0091-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-18	072SB-0075-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-19	072SB-0076-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-20	072SB-0077-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-21	072SB-0079-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-22	072SB-0080-0001-SO	T	Solid	6020/DOD	180-59442
240-18703-23	072SB-0081-0001-SO	T	Solid	6020/DOD	180-59442
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	
240-18703-1	072SB-0092-0001-SO	T	Solid	7471A	
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
240-18703-1	072SB-0092-0001-SO	T	Solid	7471/DOD	240-69021
Prep Batch: 240-70255					
LCS 240-70255/2-A	Lab Control Sample	T	Water	7470A	
MB 240-70255/1-A	Method Blank	T	Water	7470A	
240-18703-24	076-0140-0001-ER	T	Water	7470A	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-70273					
LCS 240-70273/2-A	Lab Control Sample	T	Solid	7471A	
MB 240-70273/1-A	Method Blank	T	Solid	7471A	
240-18703-8	072SB-0082-0001-SO	T	Solid	7471A	
240-18703-8DU	Duplicate	T	Solid	7471A	
240-18703-8MS	Matrix Spike	T	Solid	7471A	
240-18703-9	072SB-0083-0001-SO	T	Solid	7471A	
240-18703-10	072SB-0084-0001-SO	T	Solid	7471A	
240-18703-11	072SB-0085-0001-SO	T	Solid	7471A	
240-18703-12	072SB-0086-0001-SO	T	Solid	7471A	
240-18703-13	072SB-0087-0001-SO	T	Solid	7471A	
240-18703-14	072SB-0088-0001-SO	T	Solid	7471A	
240-18703-15	072SB-0089-0001-SO	T	Solid	7471A	
240-18703-16	072SB-0090-0001-SO	T	Solid	7471A	
240-18703-17	072SB-0091-0001-SO	T	Solid	7471A	
240-18703-18	072SB-0075-0001-SO	T	Solid	7471A	
240-18703-19	072SB-0076-0001-SO	T	Solid	7471A	
240-18703-20	072SB-0077-0001-SO	T	Solid	7471A	
240-18703-21	072SB-0079-0001-SO	T	Solid	7471A	
240-18703-22	072SB-0080-0001-SO	T	Solid	7471A	
240-18703-23	072SB-0081-0001-SO	T	Solid	7471A	
Analysis Batch:240-70525					
LCS 240-70273/2-A	Lab Control Sample	T	Solid	7471/DOD	240-70273
MB 240-70273/1-A	Method Blank	T	Solid	7471/DOD	240-70273
240-18703-8	072SB-0082-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-8DU	Duplicate	T	Solid	7471/DOD	240-70273
240-18703-8MS	Matrix Spike	T	Solid	7471/DOD	240-70273
240-18703-9	072SB-0083-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-10	072SB-0084-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-11	072SB-0085-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-12	072SB-0086-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-13	072SB-0087-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-14	072SB-0088-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-15	072SB-0089-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-16	072SB-0090-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-17	072SB-0091-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-18	072SB-0075-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-19	072SB-0076-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-20	072SB-0077-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-21	072SB-0079-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-22	072SB-0080-0001-SO	T	Solid	7471/DOD	240-70273
240-18703-23	072SB-0081-0001-SO	T	Solid	7471/DOD	240-70273

Client: Environmental Chemical Corp. Job Number: 240-18703-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-70694					
LCS 240-70255/2-A	Lab Control Sample	T	Water	7470A/DOD	240-70255
MB 240-70255/1-A	Method Blank	T	Water	7470A/DOD	240-70255
240-18703-24	076-0140-0001-ER	T	Water	7470A/DOD	240-70255

Report Basis
R = Total Recoverable
T = Total

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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)	
240-18703-8	072SB-0082-0001-SO	T	Solid	353 (NCell-Hyd)	
240-18703-18	072SB-0075-0001-SO	T	Solid	353 (NCell-Hyd)	
Prep Batch: 320-7878					
LCS 320-7816/2-B	Lab Control Sample	T	Water	353 (NCell-Hyd)	
MB 320-7816/1-B	Method Blank	T	Water	353 (NCell-Hyd)	
240-18703-24	076-0140-0001-ER	T	Water	353 (NCell-Hyd)	
240-18703-24MS	Matrix Spike	T	Water	353 (NCell-Hyd)	
240-18703-24MSD	Matrix Spike Duplicate	T	Water	353 (NCell-Hyd)	
Analysis Batch:320-8009					
LCS 320-7816/2-B	Lab Control Sample	T	Water	WS-WC-0050	320-7878
MB 320-7816/1-B	Method Blank	T	Water	WS-WC-0050	320-7878
240-18703-24	076-0140-0001-ER	T	Water	WS-WC-0050	320-7878
240-18703-24MS	Matrix Spike	T	Water	WS-WC-0050	320-7878
240-18703-24MSD	Matrix Spike Duplicate	T	Water	WS-WC-0050	320-7878
Analysis Batch:320-8137					
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
240-18703-8	072SB-0082-0001-SO	T	Solid	WS-WC-0050	320-7638
240-18703-18	072SB-0075-0001-SO	T	Solid	WS-WC-0050	320-7638
Analysis Batch:240-68573					
240-18703-1	072SB-0092-0001-SO	T	Solid	Moisture	
240-18703-1DU	Duplicate	T	Solid	Moisture	
240-18703-8	072SB-0082-0001-SO	T	Solid	Moisture	
240-18703-9	072SB-0083-0001-SO	T	Solid	Moisture	
240-18703-10	072SB-0084-0001-SO	T	Solid	Moisture	
240-18703-11	072SB-0085-0001-SO	T	Solid	Moisture	
240-18703-12	072SB-0086-0001-SO	T	Solid	Moisture	
240-18703-13	072SB-0087-0001-SO	T	Solid	Moisture	
240-18703-14	072SB-0088-0001-SO	T	Solid	Moisture	
240-18703-15	072SB-0089-0001-SO	T	Solid	Moisture	
240-18703-16	072SB-0090-0001-SO	T	Solid	Moisture	
240-18703-16DU	Duplicate	T	Solid	Moisture	
240-18703-17	072SB-0091-0001-SO	T	Solid	Moisture	
240-18703-18	072SB-0075-0001-SO	T	Solid	Moisture	
240-18703-19	072SB-0076-0001-SO	T	Solid	Moisture	
240-18703-20	072SB-0077-0001-SO	T	Solid	Moisture	
240-18703-21	072SB-0079-0001-SO	T	Solid	Moisture	
240-18703-22	072SB-0080-0001-SO	T	Solid	Moisture	
240-18703-23	072SB-0081-0001-SO	T	Solid	Moisture	

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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: 240-18703-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
HPLC/IC					
Prep Batch: 320-7404					
LCS 320-7404/2-A	Lab Control Sample	T	Water	8330-Prep	
MB 320-7404/1-A	Method Blank	T	Water	8330-Prep	
240-18703-24	076-0140-0001-ER	T	Water	8330-Prep	
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	
240-18703-8	072SB-0082-0001-SO	T	Solid	8330B	
240-18703-18	072SB-0075-0001-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	
240-18703-8	072SB-0082-0001-SO	T	Solid	Sieve/Ultrasoni	
240-18703-18	072SB-0075-0001-SO	T	Solid	Sieve/Ultrasoni	
Analysis Batch:320-7620					
LCS 320-7404/2-A	Lab Control Sample	T	Water	8330B	320-7404
MB 320-7404/1-A	Method Blank	T	Water	8330B	320-7404
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
240-18703-8	072SB-0082-0001-SO	T	Solid	8330B	320-7444
240-18703-18	072SB-0075-0001-SO	T	Solid	8330B	320-7444
240-18703-24	076-0140-0001-ER	T	Water	8330B	320-7404
Prep Batch: 320-7807					
LCS 320-7807/2-A	Lab Control Sample	T	Water	Filtration	
MB 320-7807/1-A	Method Blank	T	Water	Filtration	
240-18703-24	076-0140-0001-ER	T	Water	Filtration	
240-18703-24MS	Matrix Spike	T	Water	Filtration	
240-18703-24MSD	Matrix Spike Duplicate	T	Water	Filtration	
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
LCS 320-7807/2-A	Lab Control Sample	T	Water	8330 Modified	320-7807
MB 320-7807/1-A	Method Blank	T	Water	8330 Modified	320-7807
240-18703-8	072SB-0082-0001-SO	T	Solid	8330 Modified	320-7464
240-18703-18	072SB-0075-0001-SO	T	Solid	8330 Modified	320-7464
240-18703-24	076-0140-0001-ER	T	Water	8330 Modified	320-7807
240-18703-24MS	Matrix Spike	T	Water	8330 Modified	320-7807
240-18703-24MSD	Matrix Spike Duplicate	T	Water	8330 Modified	320-7807

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-1 **Client ID: 072SB-0092-0001-SO**

Sample Date/Time: 12/10/2012 12:37 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-B-1-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-B-1-A		240-69093	240-68832	12/18/2012 01:10	1	TAL NC	TL
P:3540C	240-18703-H-1-D		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-H-1-D		240-69988	240-69569	12/24/2012 13:50	1	TAL NC	MU
P:5035	240-18703-B-1-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-1-C		240-69738	240-69885	12/22/2012 20:11	1	TAL NC	HMB
P:3540C	240-18703-H-1-C		240-70006	240-69559	12/20/2012 09:27	1	TAL NC	SE
A:8015B_DRO/DOD	240-18703-H-1-C		240-70006	240-69559	12/24/2012 18:29	1	TAL NC	DB
P:3050B	240-18703-I-1-A		180-59694	180-59183	12/17/2012 12:42	1	TAL PIT	BR
A:6020/DOD	240-18703-I-1-A		180-59694	180-59183	12/29/2012 01:51	1	TAL PIT	BR
P:7471A	240-18703-H-1-B		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	240-18703-H-1-B		240-69324	240-69021	12/18/2012 12:01	1	TAL NC	DH
A:Moisture	240-18703-G-1		240-68573		12/13/2012 13:44	1	TAL NC	TH

Lab ID: 240-18703-1 DU **Client ID: 072SB-0092-0001-SO**

Sample Date/Time: 12/10/2012 12:37 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-18703-G-1 DU		240-68573		12/13/2012 13:44	1	TAL NC	TH

Lab ID: 240-18703-2 **Client ID: 076SB-0137-0001-TB**

Sample Date/Time: 12/10/2012 08:00 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18703-B-2		240-69591		12/20/2012 14:47	1	TAL NC	RQ
A:8260B/DoD	240-18703-B-2		240-69591		12/20/2012 14:47	1	TAL NC	RQ

Lab ID: 240-18703-3 **Client ID: 076SB-0138-0001-TB**

Sample Date/Time: 12/10/2012 08:00 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18703-B-3		240-69591		12/20/2012 15:09	1	TAL NC	RQ
A:8260B/DoD	240-18703-B-3		240-69591		12/20/2012 15:09	1	TAL NC	RQ

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-4 **Client ID: 076SB-0139-0001-TB**

Sample Date/Time: 12/10/2012 08:00 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18703-B-4		240-69591		12/20/2012 15:31	1	TAL NC	RQ
A:8260B/DoD	240-18703-B-4		240-69591		12/20/2012 15:31	1	TAL NC	RQ

Lab ID: 240-18703-5 **Client ID: 076SB-0143-0001-TB**

Sample Date/Time: 12/10/2012 08:00 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18703-B-5		240-69738		12/22/2012 10:01	1	TAL NC	HMB
A:8015B	240-18703-B-5		240-69738		12/22/2012 10:01	1	TAL NC	HMB

Lab ID: 240-18703-6 **Client ID: 076SB-0144-0001-TB**

Sample Date/Time: 12/10/2012 08:00 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18703-B-6		240-69738		12/22/2012 10:39	1	TAL NC	HMB
A:8015B	240-18703-B-6		240-69738		12/22/2012 10:39	1	TAL NC	HMB

Lab ID: 240-18703-7 **Client ID: 076SB-0145-0001-TB**

Sample Date/Time: 12/10/2012 08:00 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18703-B-7		240-69738		12/22/2012 11:16	1	TAL NC	HMB
A:8015B	240-18703-B-7		240-69738		12/22/2012 11:16	1	TAL NC	HMB

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-8 **Client ID: 072SB-0082-0001-SO**

Sample Date/Time: 12/10/2012 10:45 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-C-8-A		240-68905	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-C-8-A		240-68905	240-68832	12/17/2012 10:12	1	TAL NC	TL
P:3540C	240-18703-H-8-D		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-H-8-D		240-69988	240-69569	12/24/2012 14:15	1	TAL NC	MU
P:5035	240-18703-B-8-B		240-69965	240-69748	12/21/2012 09:33	2	TAL NC	HMB
A:8015B	240-18703-B-8-B		240-69965	240-69748	12/24/2012 12:21	2	TAL NC	HMB
P:5035	240-18703-B-8-B	RA	240-70834	240-69748	12/21/2012 09:33	2	TAL NC	HMB
A:8015B	240-18703-B-8-B	RA	240-70834	240-69748	01/03/2013 04:56	2	TAL NC	HMB
P:3540C	240-18703-H-8-A		240-70006	240-69559	12/20/2012 09:27	1	TAL NC	SE
A:8015B_DRO/DOD	240-18703-H-8-A		240-70006	240-69559	12/24/2012 19:08	1	TAL NC	DB
P:3540C	240-18703-H-8-F		240-69893	240-69596	12/20/2012 11:14	5	TAL NC	SE
A:8081/DOD	240-18703-H-8-F		240-69893	240-69596	12/22/2012 22:07	5	TAL NC	CV
P:3540C	240-18703-H-8-E		240-69978	240-69585	12/20/2012 10:35	1	TAL NC	SE
A:8082/DOD	240-18703-H-8-E		240-69978	240-69585	12/24/2012 13:20	1	TAL NC	CR
P:Sieve/Ultrasoni	240-18703-I-8-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18703-I-8-B		320-7855	320-7464	12/27/2012 01:02	1	TAL WSC	RN
P:8330B	240-18703-I-8-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18703-I-8-A		320-7620	320-7444	12/20/2012 21:54	1	TAL WSC	RN
P:3050B	240-18703-M-8-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-M-8-A		180-59733	180-59442	12/29/2012 17:38	1	TAL PIT	BR
P:7471A	240-18703-H-8-G		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-H-8-G		240-70525	240-70273	12/28/2012 16:38	1	TAL NC	DH
A:Moisture	240-18703-G-8		240-68573		12/13/2012 13:44	1	TAL NC	TH
P:353 (NCell-Hyd)	240-18703-I-8-D		320-8137	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18703-I-8-D		320-8137	320-7638	12/20/2012 13:16	1	TAL WSC	JB

Lab ID: 240-18703-8 MS **Client ID: 072SB-0082-0001-SO**

Sample Date/Time: 12/10/2012 10:45 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-18703-H-8-B MS		240-70006	240-69559	12/20/2012 09:27	1	TAL NC	SE
A:8015B_DRO/DOD	240-18703-H-8-B MS		240-70006	240-69559	12/24/2012 19:47	1	TAL NC	DB
P:7471A	240-18703-H-8-K MS		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-H-8-K MS		240-70525	240-70273	12/28/2012 16:42	1	TAL NC	DH

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-8 MSD **Client ID: 072SB-0082-0001-SO**

Sample Date/Time: 12/10/2012 10:45 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-18703-H-8-C MSD		240-70006	240-69559	12/20/2012 09:27	1	TAL NC	SE
A:8015B_DRO/DOD	240-18703-H-8-C MSD		240-70006	240-69559	12/24/2012 20:26	1	TAL NC	DB

Lab ID: 240-18703-8 DU **Client ID: 072SB-0082-0001-SO**

Sample Date/Time: 12/10/2012 10:45 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	240-18703-H-8-J DU		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-H-8-J DU		240-70525	240-70273	12/28/2012 16:40	1	TAL NC	DH

Lab ID: 240-18703-9 **Client ID: 072SB-0083-0001-SO**

Sample Date/Time: 12/10/2012 11:15 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-B-9-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-B-9-A		240-69093	240-68832	12/18/2012 01:31	1	TAL NC	TL
P:3540C	240-18703-H-9-B		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-H-9-B		240-69988	240-69569	12/24/2012 14:39	1	TAL NC	MU
P:5035	240-18703-B-9-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-9-C		240-69738	240-69885	12/22/2012 20:49	1	TAL NC	HMB
P:3540C	240-18703-H-9-A		240-70006	240-69559	12/20/2012 09:27	1	TAL NC	SE
A:8015B_DRO/DOD	240-18703-H-9-A		240-70006	240-69559	12/24/2012 21:05	1	TAL NC	DB
P:3050B	240-18703-I-9-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-I-9-A		180-59733	180-59442	12/29/2012 17:42	1	TAL PIT	BR
P:7471A	240-18703-H-9-C		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-H-9-C		240-70525	240-70273	12/28/2012 17:16	1	TAL NC	DH
A:Moisture	240-18703-G-9		240-68573		12/13/2012 13:44	1	TAL NC	TH

Lab ID: 240-18703-9 MS **Client ID: 072SB-0083-0001-SO**

Sample Date/Time: 12/10/2012 11:15 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-18703-I-9-B MS		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-I-9-B MS		180-59733	180-59442	12/29/2012 17:51	1	TAL PIT	BR
P:3050B	240-18703-I-9-B MS		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-I-9-B MS		180-59733	180-59442	12/30/2012 05:58	1	TAL PIT	BR

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-9 MSD **Client ID: 072SB-0083-0001-SO**

Sample Date/Time: 12/10/2012 11:15 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-18703-I-9-C MSD		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-I-9-C MSD		180-59733	180-59442	12/29/2012 17:55	1	TAL PIT	BR
P:3050B	240-18703-I-9-C MSD		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-I-9-C MSD		180-59733	180-59442	12/30/2012 06:02	1	TAL PIT	BR

Lab ID: 240-18703-9 SD **Client ID: 072SB-0083-0001-SO**

Sample Date/Time: 12/10/2012 11:15 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-18703-I-9-A SD ^5		180-59733	180-59442	12/27/2012 07:50	5	TAL PIT	CNS
A:6020/DOD	240-18703-I-9-A SD ^5		180-59733	180-59442	12/29/2012 17:46	5	TAL PIT	BR
P:3050B	240-18703-I-9-A PDS		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-I-9-A PDS		180-59733	180-59442	12/29/2012 17:59	1	TAL PIT	BR

Lab ID: 240-18703-10 **Client ID: 072SB-0084-0001-SO**

Sample Date/Time: 12/10/2012 11:30 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-B-10-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-B-10-A		240-69093	240-68832	12/18/2012 01:52	1	TAL NC	TL
P:3540C	240-18703-H-10-B		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-H-10-B		240-69988	240-69569	12/24/2012 15:04	1	TAL NC	MU
P:5035	240-18703-B-10-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-10-C		240-69738	240-69885	12/22/2012 21:27	1	TAL NC	HMB
P:3540C	240-18703-H-10-A		240-70006	240-69559	12/20/2012 09:27	1	TAL NC	SE
A:8015B_DRO/DOD	240-18703-H-10-A		240-70006	240-69559	12/24/2012 21:44	1	TAL NC	DB
P:3050B	240-18703-I-10-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-I-10-A		180-59733	180-59442	12/29/2012 18:03	1	TAL PIT	BR
P:7471A	240-18703-H-10-C		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-H-10-C		240-70525	240-70273	12/28/2012 16:58	1	TAL NC	DH
A:Moisture	240-18703-G-10		240-68573		12/13/2012 13:44	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-11 **Client ID: 072SB-0085-0001-SO**

Sample Date/Time: 12/10/2012 12:05 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-B-11-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-B-11-A		240-69093	240-68832	12/18/2012 02:14	1	TAL NC	TL
P:3540C	240-18703-H-11-B		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-H-11-B		240-69988	240-69569	12/24/2012 15:29	1	TAL NC	MU
P:5035	240-18703-B-11-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-11-C		240-69738	240-69885	12/22/2012 22:06	1	TAL NC	HMB
P:3540C	240-18703-H-11-A		240-70006	240-69559	12/20/2012 09:27	1	TAL NC	SE
A:8015B_DRO/DOD	240-18703-H-11-A		240-70006	240-69559	12/24/2012 22:23	1	TAL NC	DB
P:3050B	240-18703-I-11-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-I-11-A		180-59733	180-59442	12/29/2012 18:08	1	TAL PIT	BR
P:7471A	240-18703-H-11-C		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-H-11-C		240-70525	240-70273	12/28/2012 17:04	1	TAL NC	DH
A:Moisture	240-18703-G-11		240-68573		12/13/2012 13:44	1	TAL NC	TH

Lab ID: 240-18703-12 **Client ID: 072SB-0086-0001-SO**

Sample Date/Time: 12/10/2012 12:05 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-B-12-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-B-12-A		240-69093	240-68832	12/18/2012 02:35	1	TAL NC	TL
P:3540C	240-18703-H-12-B		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-H-12-B		240-69988	240-69569	12/24/2012 15:54	1	TAL NC	MU
P:5035	240-18703-B-12-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-12-C		240-69738	240-69885	12/22/2012 22:44	1	TAL NC	HMB
P:3540C	240-18703-H-12-A		240-70006	240-69559	12/20/2012 09:27	1	TAL NC	SE
A:8015B_DRO/DOD	240-18703-H-12-A		240-70006	240-69559	12/24/2012 23:41	1	TAL NC	DB
P:3050B	240-18703-I-12-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-I-12-A		180-59733	180-59442	12/29/2012 18:27	1	TAL PIT	BR
P:7471A	240-18703-H-12-C		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-H-12-C		240-70525	240-70273	12/28/2012 17:12	1	TAL NC	DH
A:Moisture	240-18703-G-12		240-68573		12/13/2012 13:44	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-13 **Client ID: 072SB-0087-0001-SO**

Sample Date/Time: 12/10/2012 09:10 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-C-13-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-C-13-A		240-69093	240-68832	12/18/2012 06:50	1	TAL NC	TL
P:3540C	240-18703-H-13-B		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-H-13-B		240-69988	240-69569	12/24/2012 16:19	1	TAL NC	MU
P:5035	240-18703-B-13-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-13-C		240-69738	240-69885	12/22/2012 23:22	1	TAL NC	HMB
P:3540C	240-18703-H-13-A		240-70006	240-69559	12/20/2012 09:27	1	TAL NC	SE
A:8015B_DRO/DOD	240-18703-H-13-A		240-70006	240-69559	12/25/2012 00:20	1	TAL NC	DB
P:3050B	240-18703-I-13-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-I-13-A		180-59733	180-59442	12/29/2012 18:32	1	TAL PIT	BR
P:7471A	240-18703-H-13-C		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-H-13-C		240-70525	240-70273	12/28/2012 17:22	1	TAL NC	DH
A:Moisture	240-18703-G-13		240-68573		12/13/2012 13:44	1	TAL NC	TH

Lab ID: 240-18703-14 **Client ID: 072SB-0088-0001-SO**

Sample Date/Time: 12/10/2012 09:30 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-B-14-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-B-14-A		240-69093	240-68832	12/18/2012 03:18	1	TAL NC	TL
P:3540C	240-18703-H-14-A		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-H-14-A		240-69988	240-69569	12/24/2012 16:44	1	TAL NC	MU
P:5035	240-18703-B-14-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-14-C		240-69738	240-69885	12/23/2012 00:00	1	TAL NC	HMB
P:3540C	240-18703-H-14-B		240-70006	240-69794	12/21/2012 11:38	1	TAL NC	AC
A:8015B_DRO/DOD	240-18703-H-14-B		240-70006	240-69794	12/25/2012 04:51	1	TAL NC	DB
P:3050B	240-18703-I-14-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-I-14-A		180-59733	180-59442	12/29/2012 18:36	1	TAL PIT	BR
P:7471A	240-18703-H-14-C		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-H-14-C		240-70525	240-70273	12/28/2012 16:48	1	TAL NC	DH
A:Moisture	240-18703-G-14		240-68573		12/13/2012 13:44	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-15 **Client ID: 072SB-0089-0001-SO**

Sample Date/Time: 12/10/2012 09:40 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-C-15-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-C-15-A		240-69093	240-68832	12/18/2012 07:11	1	TAL NC	TL
P:3540C	240-18703-H-15-A		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-H-15-A		240-69988	240-69569	12/24/2012 17:09	1	TAL NC	MU
P:5035	240-18703-B-15-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-15-C		240-69738	240-69885	12/23/2012 01:16	1	TAL NC	HMB
P:3540C	240-18703-H-15-B		240-70006	240-69794	12/21/2012 11:38	1	TAL NC	AC
A:8015B_DRO/DOD	240-18703-H-15-B		240-70006	240-69794	12/25/2012 05:30	1	TAL NC	DB
P:3050B	240-18703-I-15-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-I-15-A		180-59733	180-59442	12/29/2012 18:40	1	TAL PIT	BR
P:7471A	240-18703-H-15-C		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-H-15-C		240-70525	240-70273	12/28/2012 16:46	1	TAL NC	DH
A:Moisture	240-18703-G-15		240-68573		12/13/2012 13:44	1	TAL NC	TH

Lab ID: 240-18703-16 **Client ID: 072SB-0090-0001-SO**

Sample Date/Time: 12/10/2012 09:55 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-B-16-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-B-16-A		240-69093	240-68832	12/18/2012 04:00	1	TAL NC	TL
P:3540C	240-18703-H-16-A		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-H-16-A		240-69988	240-69569	12/24/2012 17:34	1	TAL NC	MU
P:5035	240-18703-B-16-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-16-C		240-69738	240-69885	12/23/2012 01:54	1	TAL NC	HMB
P:3540C	240-18703-H-16-B		240-70185	240-69985	12/24/2012 09:40	1	TAL NC	AC
A:8015B_DRO/DOD	240-18703-H-16-B		240-70185	240-69985	12/27/2012 14:45	1	TAL NC	DB
P:3050B	240-18703-I-16-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-I-16-A		180-59733	180-59442	12/29/2012 18:44	1	TAL PIT	BR
P:7471A	240-18703-H-16-C		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-H-16-C		240-70525	240-70273	12/28/2012 17:06	1	TAL NC	DH
A:Moisture	240-18703-G-16		240-68573		12/13/2012 13:44	1	TAL NC	TH

Lab ID: 240-18703-16 DU **Client ID: 072SB-0090-0001-SO**

Sample Date/Time: 12/10/2012 09:55 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-18703-G-16 DU		240-68573		12/13/2012 13:44	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-17 **Client ID:** 072SB-0091-0001-SO

Sample Date/Time: 12/10/2012 12:25 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-B-17-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-B-17-A		240-69093	240-68832	12/18/2012 04:21	1	TAL NC	TL
P:3540C	240-18703-H-17-A		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-H-17-A		240-69988	240-69569	12/24/2012 17:59	1	TAL NC	MU
P:5035	240-18703-B-17-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-17-C		240-69738	240-69885	12/23/2012 02:31	1	TAL NC	HMB
P:3540C	240-18703-H-17-B		240-70185	240-69985	12/24/2012 09:40	1	TAL NC	AC
A:8015B_DRO/DOD	240-18703-H-17-B		240-70185	240-69985	12/27/2012 15:15	1	TAL NC	DB
P:3050B	240-18703-I-17-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-I-17-A		180-59733	180-59442	12/29/2012 18:49	1	TAL PIT	BR
P:7471A	240-18703-H-17-C		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-H-17-C		240-70525	240-70273	12/28/2012 16:50	1	TAL NC	DH
A:Moisture	240-18703-G-17		240-68573		12/13/2012 13:44	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-18 **Client ID:** 072SB-0075-0001-SO

Sample Date/Time: 12/10/2012 13:45 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-B-18-A		240-68905	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-B-18-A		240-68905	240-68832	12/17/2012 02:03	1	TAL NC	TL
P:3540C	240-18703-K-18-F		240-70697	240-69993	12/24/2012 09:50	1	TAL NC	AC
A:8270C/DoD	240-18703-K-18-F		240-70697	240-69993	12/31/2012 13:26	1	TAL NC	JG
P:5035	240-18703-B-18-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-18-C		240-69738	240-69885	12/23/2012 03:09	1	TAL NC	HMB
P:3540C	240-18703-K-18-E		240-70185	240-69985	12/24/2012 09:40	1	TAL NC	AC
A:8015B_DRO/DOD	240-18703-K-18-E		240-70185	240-69985	12/27/2012 15:45	1	TAL NC	DB
P:3540C	240-18703-K-18-D		240-69893	240-69596	12/20/2012 11:14	1	TAL NC	SE
A:8081/DOD	240-18703-K-18-D		240-69893	240-69596	12/22/2012 22:31	1	TAL NC	CV
P:3540C	240-18703-K-18-C		240-69978	240-69585	12/20/2012 10:35	1	TAL NC	SE
A:8082/DOD	240-18703-K-18-C		240-69978	240-69585	12/24/2012 13:35	1	TAL NC	CR
P:8151A	240-18703-K-18-A		240-69890	240-69221	12/18/2012 11:08	1	TAL NC	BM
A:8151/DOD	240-18703-K-18-A		240-69890	240-69221	12/22/2012 20:29	1	TAL NC	DB
P:Sieve/Ultrasoni	240-18703-L-18-B		320-7855	320-7464	12/17/2012 11:57	1	TAL WSC	HA
A:8330 Modified	240-18703-L-18-B		320-7855	320-7464	12/27/2012 01:16	1	TAL WSC	RN
P:8330B	240-18703-L-18-A		320-7620	320-7444	12/17/2012 10:34	1	TAL WSC	HA
A:8330B	240-18703-L-18-A		320-7620	320-7444	12/20/2012 22:34	1	TAL WSC	RN
P:3050B	240-18703-M-18-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-M-18-A		180-59733	180-59442	12/29/2012 18:53	1	TAL PIT	BR
P:7471A	240-18703-K-18-G		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-K-18-G		240-70525	240-70273	12/28/2012 17:24	1	TAL NC	DH
A:Moisture	240-18703-J-18		240-68573		12/13/2012 13:44	1	TAL NC	TH
P:353 (NCell-Hyd)	240-18703-L-18-D		320-8137	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	240-18703-L-18-D		320-8137	320-7638	12/20/2012 13:18	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-19 **Client ID: 072SB-0076-0001-SO**

Sample Date/Time: 12/10/2012 14:00 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-C-19-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-C-19-A		240-69093	240-68832	12/18/2012 08:15	1	TAL NC	TL
P:3540C	240-18703-I-19-B		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-I-19-B		240-69988	240-69569	12/24/2012 18:24	1	TAL NC	MU
P:5035	240-18703-B-19-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-19-C		240-69738	240-69885	12/23/2012 03:47	1	TAL NC	HMB
P:3540C	240-18703-I-19-C		240-70185	240-69985	12/24/2012 09:40	1	TAL NC	AC
A:8015B_DRO/DOD	240-18703-I-19-C		240-70185	240-69985	12/27/2012 16:15	1	TAL NC	DB
P:8151A	240-18703-I-19-A		240-69890	240-69221	12/18/2012 11:08	1	TAL NC	BM
A:8151/DOD	240-18703-I-19-A		240-69890	240-69221	12/22/2012 20:53	1	TAL NC	DB
P:3050B	240-18703-J-19-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-J-19-A		180-59733	180-59442	12/29/2012 18:57	1	TAL PIT	BR
P:7471A	240-18703-I-19-D		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-I-19-D		240-70525	240-70273	12/28/2012 16:44	1	TAL NC	DH
A:Moisture	240-18703-G-19		240-68573		12/13/2012 13:44	1	TAL NC	TH

Lab ID: 240-18703-20 **Client ID: 072SB-0077-0001-SO**

Sample Date/Time: 12/10/2012 14:00 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-B-20-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-B-20-A		240-69093	240-68832	12/18/2012 05:04	1	TAL NC	TL
P:3540C	240-18703-I-20-A		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-I-20-A		240-69988	240-69569	12/24/2012 18:49	1	TAL NC	MU
P:5035	240-18703-B-20-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-20-C		240-69738	240-69885	12/23/2012 04:24	1	TAL NC	HMB
P:5035	240-18703-B-20-B		240-69965	240-69748	12/21/2012 09:33	1	TAL NC	HMB
A:8015B	240-18703-B-20-B		240-69965	240-69748	12/24/2012 13:36	1	TAL NC	HMB
P:3540C	240-18703-I-20-B		240-70185	240-69985	12/24/2012 09:40	1	TAL NC	AC
A:8015B_DRO/DOD	240-18703-I-20-B		240-70185	240-69985	12/27/2012 16:45	1	TAL NC	DB
P:8151A	240-18703-H-20-A		240-69890	240-69221	12/18/2012 11:08	1	TAL NC	BM
A:8151/DOD	240-18703-H-20-A		240-69890	240-69221	12/22/2012 21:16	1	TAL NC	DB
P:3050B	240-18703-J-20-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-J-20-A		180-59733	180-59442	12/29/2012 19:02	1	TAL PIT	BR
P:7471A	240-18703-I-20-C		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-I-20-C		240-70525	240-70273	12/28/2012 17:10	1	TAL NC	DH
A:Moisture	240-18703-G-20		240-68573		12/13/2012 13:44	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-21 **Client ID: 072SB-0079-0001-SO**

Sample Date/Time: 12/10/2012 14:20 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-B-21-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-B-21-A		240-69093	240-68832	12/18/2012 05:25	1	TAL NC	TL
P:3540C	240-18703-H-21-A		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-H-21-A		240-69988	240-69569	12/24/2012 19:14	1	TAL NC	MU
P:5035	240-18703-B-21-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-21-C		240-69738	240-69885	12/23/2012 05:02	1	TAL NC	HMB
P:3540C	240-18703-H-21-B		240-70185	240-69985	12/24/2012 09:40	1	TAL NC	AC
A:8015B_DRO/DOD	240-18703-H-21-B		240-70185	240-69985	12/27/2012 17:16	1	TAL NC	DB
P:8151A	240-18703-I-21-A		240-69890	240-69221	12/18/2012 11:08	1	TAL NC	BM
A:8151/DOD	240-18703-I-21-A		240-69890	240-69221	12/22/2012 22:27	1	TAL NC	DB
P:3050B	240-18703-J-21-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-J-21-A		180-59733	180-59442	12/29/2012 19:06	1	TAL PIT	BR
P:7471A	240-18703-H-21-C		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-H-21-C		240-70525	240-70273	12/28/2012 17:00	1	TAL NC	DH
A:Moisture	240-18703-G-21		240-68573		12/13/2012 13:44	1	TAL NC	TH

Lab ID: 240-18703-22 **Client ID: 072SB-0080-0001-SO**

Sample Date/Time: 12/10/2012 15:16 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-B-22-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-B-22-A		240-69093	240-68832	12/18/2012 05:46	1	TAL NC	TL
P:3540C	240-18703-H-22-A		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	240-18703-H-22-A		240-69988	240-69569	12/24/2012 19:39	1	TAL NC	MU
P:5035	240-18703-B-22-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-22-C		240-69738	240-69885	12/23/2012 05:39	1	TAL NC	HMB
P:5035	240-18703-B-22-B		240-69965	240-69748	12/21/2012 09:33	1	TAL NC	HMB
A:8015B	240-18703-B-22-B		240-69965	240-69748	12/24/2012 14:51	1	TAL NC	HMB
P:3540C	240-18703-H-22-B		240-70185	240-69985	12/24/2012 09:40	1	TAL NC	AC
A:8015B_DRO/DOD	240-18703-H-22-B		240-70185	240-69985	12/27/2012 17:46	1	TAL NC	DB
P:8151A	240-18703-I-22-A		240-69890	240-69221	12/18/2012 11:08	1	TAL NC	BM
A:8151/DOD	240-18703-I-22-A		240-69890	240-69221	12/22/2012 22:50	1	TAL NC	DB
P:3050B	240-18703-J-22-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-J-22-A		180-59733	180-59442	12/29/2012 19:26	1	TAL PIT	BR
P:7471A	240-18703-H-22-C		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-H-22-C		240-70525	240-70273	12/28/2012 16:52	1	TAL NC	DH
A:Moisture	240-18703-G-22		240-68573		12/13/2012 13:44	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-23 **Client ID:** 072SB-0081-0001-SO

Sample Date/Time: 12/10/2012 14:50 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-18703-B-23-A		240-69093	240-68832	12/11/2012 18:35	1	TAL NC	LM
A:8260B/DoD	240-18703-B-23-A		240-69093	240-68832	12/18/2012 06:08	1	TAL NC	TL
P:3540C	240-18703-I-23-B		240-70697	240-69614	12/20/2012 12:23	1	TAL NC	SE
A:8270C/DoD	240-18703-I-23-B		240-70697	240-69614	12/31/2012 13:03	1	TAL NC	JG
P:5035	240-18703-B-23-C		240-69738	240-69885	12/11/2012 18:35	1	TAL NC	HMB
A:8015B	240-18703-B-23-C		240-69738	240-69885	12/23/2012 06:17	1	TAL NC	HMB
P:3540C	240-18703-H-23-A		240-70185	240-69985	12/24/2012 09:40	1	TAL NC	AC
A:8015B_DRO/DOD	240-18703-H-23-A		240-70185	240-69985	12/27/2012 18:17	1	TAL NC	DB
P:8151A	240-18703-I-23-A		240-69890	240-69221	12/18/2012 11:08	1	TAL NC	BM
A:8151/DOD	240-18703-I-23-A		240-69890	240-69221	12/22/2012 23:14	1	TAL NC	DB
P:3050B	240-18703-J-23-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	240-18703-J-23-A		180-59733	180-59442	12/29/2012 19:30	1	TAL PIT	BR
P:7471A	240-18703-I-23-C		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	240-18703-I-23-C		240-70525	240-70273	12/28/2012 17:02	1	TAL NC	DH
A:Moisture	240-18703-G-23		240-68573		12/13/2012 13:44	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-24 **Client ID: 076-0140-0001-ER**

Sample Date/Time: 12/09/2012 10:30 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18703-E-24		240-69591		12/20/2012 13:42	1	TAL NC	RQ
A:8260B/DoD	240-18703-E-24		240-69591		12/20/2012 13:42	1	TAL NC	RQ
P:3520C	240-18703-M-24-A		240-68962	240-68547	12/13/2012 11:21	1	TAL NC	CC
A:8270C/DoD	240-18703-M-24-A		240-68962	240-68547	12/17/2012 12:04	1	TAL NC	JG
P:5030B	240-18703-B-24		240-69738		12/22/2012 11:54	1	TAL NC	HMB
A:8015B	240-18703-B-24		240-69738		12/22/2012 11:54	1	TAL NC	HMB
P:3520C	240-18703-R-24-A		240-68949	240-68549	12/13/2012 11:26	1	TAL NC	CC
A:8015B_DRO/DOD	240-18703-R-24-A		240-68949	240-68549	12/17/2012 15:34	1	TAL NC	DB
P:3520C	240-18703-K-24-B		240-69152	240-68554	12/13/2012 11:40	1	TAL NC	CC
A:8081/DOD	240-18703-K-24-B		240-69152	240-68554	12/18/2012 12:46	1	TAL NC	CV
P:3520C	240-18703-K-24-A		240-69119	240-68553	12/13/2012 11:37	1	TAL NC	CC
A:8082/DOD	240-18703-K-24-A		240-69119	240-68553	12/18/2012 08:56	1	TAL NC	LH
P:8151A	240-18703-L-24-A		240-68956	240-68522	12/13/2012 09:53	1	TAL NC	BM
A:8151/DOD	240-18703-L-24-A		240-68956	240-68522	12/17/2012 15:53	1	TAL NC	CR
P:Filtration	240-18703-S-24-A		320-7855	320-7807	12/24/2012 12:40	1	TAL WSC	TP
A:8330 Modified	240-18703-S-24-A		320-7855	320-7807	12/27/2012 04:08	1	TAL WSC	RN
P:8330-Prep	240-18703-U-24-A		320-7620	320-7404	12/14/2012 11:07	1	TAL WSC	HA
A:8330B	240-18703-U-24-A		320-7620	320-7404	12/21/2012 14:42	1	TAL WSC	RN
P:3005A	240-18703-J-24-A		180-59694	180-59308	12/24/2012 10:24	1	TAL PIT	CH
A:6020/DOD	240-18703-J-24-A		180-59694	180-59308	12/29/2012 03:58	1	TAL PIT	BR
P:7470A	240-18703-V-24-A		240-70694	240-70255	12/27/2012 16:00	1	TAL NC	LM
A:7470A/DOD	240-18703-V-24-A		240-70694	240-70255	12/29/2012 12:06	1	TAL NC	DH
P:353 (NCell-Hyd)	240-18703-S-24-G		320-8009	320-7878	12/27/2012 06:07	1	TAL WSC	TP
A:WS-WC-0050	240-18703-S-24-G		320-8009	320-7878	12/27/2012 13:37	1	TAL WSC	JB

Lab ID: 240-18703-24 MS **Client ID: 076-0140-0001-ER**

Sample Date/Time: 12/09/2012 10:30 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18703-B-24 MS		240-69591		12/20/2012 16:58	1	TAL NC	RQ
A:8260B/DoD	240-18703-B-24 MS		240-69591		12/20/2012 16:58	1	TAL NC	RQ
P:5030B	240-18703-B-24 MS		240-69738		12/22/2012 12:32	1	TAL NC	HMB
A:8015B	240-18703-B-24 MS		240-69738		12/22/2012 12:32	1	TAL NC	HMB
P:Filtration	240-18703-S-24-B MS		320-7855	320-7807	12/24/2012 12:40	1	TAL WSC	TP
A:8330 Modified	240-18703-S-24-B MS		320-7855	320-7807	12/27/2012 04:23	1	TAL WSC	RN
P:353 (NCell-Hyd)	240-18703-S-24-H MS		320-8009	320-7878	12/27/2012 06:07	1	TAL WSC	TP
A:WS-WC-0050	240-18703-S-24-H MS		320-8009	320-7878	12/27/2012 13:39	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18703-1

Laboratory Chronicle

Lab ID: 240-18703-24 MSD **Client ID: 076-0140-0001-ER**

Sample Date/Time: 12/09/2012 10:30 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18703-F-24 MSD		240-69591		12/20/2012 17:20	1	TAL NC	RQ
A:8260B/DoD	240-18703-F-24 MSD		240-69591		12/20/2012 17:20	1	TAL NC	RQ
P:5030B	240-18703-B-24 MSD		240-69738		12/22/2012 13:10	1	TAL NC	HMB
A:8015B	240-18703-B-24 MSD		240-69738		12/22/2012 13:10	1	TAL NC	HMB
P:Filtration	240-18703-S-24-C MSD		320-7855	320-7807	12/24/2012 12:40	1	TAL WSC	TP
A:8330 Modified	240-18703-S-24-C MSD		320-7855	320-7807	12/27/2012 04:37	1	TAL WSC	RN
P:353 (NCell-Hyd)	240-18703-S-24-I MSD		320-8009	320-7878	12/27/2012 06:07	1	TAL WSC	TP
A:WS-WC-0050	240-18703-S-24-I MSD		320-8009	320-7878	12/27/2012 13:41	1	TAL WSC	JB

Lab ID: 240-18703-24 SD **Client ID: 076-0140-0001-ER**

Sample Date/Time: 12/09/2012 10:30 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3005A	240-18703-J-24-A SD ^5		180-59694	180-59308	12/24/2012 10:24	5	TAL PIT	CH
A:6020/DOD	240-18703-J-24-A SD ^5		180-59694	180-59308	12/29/2012 04:03	5	TAL PIT	BR

Lab ID: 240-18703-25 **Client ID: 076-0141-0001-TB**

Sample Date/Time: 12/09/2012 08:00 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18703-A-25		240-69591		12/20/2012 15:53	1	TAL NC	RQ
A:8260B/DoD	240-18703-A-25		240-69591		12/20/2012 15:53	1	TAL NC	RQ
P:5030B	240-18703-B-25		240-69738		12/22/2012 13:47	1	TAL NC	HMB
A:8015B	240-18703-B-25		240-69738		12/22/2012 13:47	1	TAL NC	HMB

Lab ID: 240-18703-26 **Client ID: 076-0142-0001-TB**

Sample Date/Time: 12/09/2012 08:00 Received Date/Time: 12/11/2012 18:02

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-18703-A-26		240-69591		12/20/2012 16:15	1	TAL NC	RQ
A:8260B/DoD	240-18703-A-26		240-69591		12/20/2012 16:15	1	TAL NC	RQ
P:5030B	240-18703-B-26		240-69738		12/22/2012 15:02	1	TAL NC	HMB
A:8015B	240-18703-B-26		240-69738		12/22/2012 15:02	1	TAL NC	HMB

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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:8260B/DoD	MB 240-68905/7		240-68905		12/17/2012 01:09	1	TAL NC	TL
A:8260B/DoD	MB 240-69093/8		240-69093		12/18/2012 00:37	1	TAL NC	TL
P:5030B	MB 240-69591/6		240-69591		12/20/2012 13:05	1	TAL NC	RQ
A:8260B/DoD	MB 240-69591/6		240-69591		12/20/2012 13:05	1	TAL NC	RQ
P:3520C	MB 240-68547/18-A		240-68962	240-68547	12/13/2012 11:21	1	TAL NC	CC
A:8270C/DoD	MB 240-68547/18-A		240-68962	240-68547	12/17/2012 11:18	1	TAL NC	JG
P:3540C	MB 240-69569/23-A		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	MB 240-69569/23-A		240-69988	240-69569	12/24/2012 11:20	1	TAL NC	MU
P:3540C	MB 240-69993/23-A		240-70697	240-69993	12/24/2012 09:50	1	TAL NC	AC
A:8270C/DoD	MB 240-69993/23-A		240-70697	240-69993	12/31/2012 11:30	1	TAL NC	JG
P:3540C	MB 240-69614/23-A		240-70697	240-69614	12/20/2012 12:23	1	TAL NC	SE
A:8270C/DoD	MB 240-69614/23-A		240-70697	240-69614	12/31/2012 12:16	1	TAL NC	JG
P:5030B	MB 240-69738/36		240-69738		12/22/2012 08:46	1	TAL NC	HMB
A:8015B	MB 240-69738/36		240-69738		12/22/2012 08:46	1	TAL NC	HMB
A:8015B	MB 240-69738/52		240-69738		12/22/2012 18:53	1	TAL NC	HMB
P:5035	MB 240-69748/1-A		240-69965	240-69748	12/21/2012 09:33	1	TAL NC	HMB
A:8015B	MB 240-69748/1-A		240-69965	240-69748	12/24/2012 11:04	1	TAL NC	HMB
P:3520C	MB 240-68549/15-A		240-68949	240-68549	12/13/2012 11:26	1	TAL NC	CC
A:8015B_DRO/DOD	MB 240-68549/15-A		240-68949	240-68549	12/17/2012 14:33	1	TAL NC	DB
P:3540C	MB 240-69559/17-A		240-70006	240-69559	12/20/2012 09:27	1	TAL NC	SE
A:8015B_DRO/DOD	MB 240-69559/17-A		240-70006	240-69559	12/24/2012 16:32	1	TAL NC	DB
P:3540C	MB 240-69794/6-A		240-70006	240-69794	12/21/2012 11:38	1	TAL NC	AC
A:8015B_DRO/DOD	MB 240-69794/6-A		240-70006	240-69794	12/25/2012 01:37	1	TAL NC	DB
P:3540C	MB 240-69985/23-A		240-70185	240-69985	12/24/2012 09:40	1	TAL NC	AC
A:8015B_DRO/DOD	MB 240-69985/23-A		240-70185	240-69985	12/27/2012 13:44	1	TAL NC	DB
P:3520C	MB 240-68554/4-A		240-69152	240-68554	12/13/2012 11:40	1	TAL NC	CC
A:8081/DOD	MB 240-68554/4-A		240-69152	240-68554	12/18/2012 14:09	1	TAL NC	CV
P:3540C	MB 240-69596/9-A		240-69893	240-69596	12/20/2012 11:14	1	TAL NC	SE
A:8081/DOD	MB 240-69596/9-A		240-69893	240-69596	12/23/2012 00:59	1	TAL NC	CV
P:3520C	MB 240-68553/4-A		240-69119	240-68553	12/13/2012 11:37	1	TAL NC	CC
A:8082/DOD	MB 240-68553/4-A		240-69119	240-68553	12/18/2012 09:41	1	TAL NC	LH
P:3540C	MB 240-69585/23-A		240-69879	240-69585	12/20/2012 10:35	1	TAL NC	SE
A:8082/DOD	MB 240-69585/23-A		240-69879	240-69585	12/22/2012 06:30	1	TAL NC	CR
P:8151A	MB 240-68522/21-A		240-68956	240-68522	12/13/2012 09:53	1	TAL NC	BM
A:8151/DOD	MB 240-68522/21-A		240-68956	240-68522	12/17/2012 16:16	1	TAL NC	CR
P:8151A	MB 240-69221/23-A		240-69890	240-69221	12/18/2012 11:08	1	TAL NC	BM
A:8151/DOD	MB 240-69221/23-A		240-69890	240-69221	12/23/2012 03:56	1	TAL NC	DB
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:Filtration	MB 320-7807/1-A		320-7855	320-7807	12/24/2012 12:40	1	TAL WSC	TP
A:8330 Modified	MB 320-7807/1-A		320-7855	320-7807	12/27/2012 03:25	1	TAL WSC	RN

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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: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:8330-Prep	MB 320-7404/1-A		320-7620	320-7404	12/14/2012 11:07	1	TAL WSC	HA
A:8330B	MB 320-7404/1-A		320-7620	320-7404	12/21/2012 13:22	1	TAL WSC	RN
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:3005A	MB 180-59308/1-A		180-59694	180-59308	12/24/2012 10:24	1	TAL PIT	CH
A:6020/DOD	MB 180-59308/1-A		180-59694	180-59308	12/29/2012 03:45	1	TAL PIT	BR
P:3050B	MB 180-59442/1-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	MB 180-59442/1-A		180-59733	180-59442	12/29/2012 17:29	1	TAL PIT	BR
P:7470A	MB 240-70255/1-A		240-70694	240-70255	12/27/2012 16:00	1	TAL NC	LM
A:7470A/DOD	MB 240-70255/1-A		240-70694	240-70255	12/29/2012 11:59	1	TAL NC	DH
P:7471A	MB 240-69021/1-A		240-69324	240-69021	12/17/2012 15:15	1	TAL NC	DE
A:7471/DOD	MB 240-69021/1-A		240-69324	240-69021	12/18/2012 11:17	1	TAL NC	DH
P:7471A	MB 240-70273/1-A		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	MB 240-70273/1-A		240-70525	240-70273	12/28/2012 16:34	1	TAL NC	DH
P:353 (NCell-Hyd)	MB 320-7571/1-B		320-8137	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	MB 320-7571/1-B		320-8137	320-7638	12/20/2012 12:16	1	TAL WSC	JB
P:353 (NCell-Hyd)	MB 320-7816/1-B		320-8009	320-7878	12/27/2012 06:07	1	TAL WSC	TP
A:WS-WC-0050	MB 320-7816/1-B		320-8009	320-7878	12/27/2012 13:33	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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:8260B/DoD	LCS 240-68905/6		240-68905		12/17/2012 00:47	1	TAL NC	TL
A:8260B/DoD	LCS 240-69093/7		240-69093		12/18/2012 00:15	1	TAL NC	TL
P:5030B	LCS 240-69591/4		240-69591		12/20/2012 12:21	1	TAL NC	RQ
A:8260B/DoD	LCS 240-69591/4		240-69591		12/20/2012 12:21	1	TAL NC	RQ
P:3520C	LCS 240-68547/19-A		240-68962	240-68547	12/13/2012 11:21	1	TAL NC	CC
A:8270C/DoD	LCS 240-68547/19-A		240-68962	240-68547	12/17/2012 11:41	1	TAL NC	JG
P:3540C	LCS 240-69569/24-A		240-69988	240-69569	12/20/2012 09:55	1	TAL NC	SE
A:8270C/DoD	LCS 240-69569/24-A		240-69988	240-69569	12/24/2012 11:45	1	TAL NC	MU
P:3540C	LCS 240-69993/24-A		240-70697	240-69993	12/24/2012 09:50	1	TAL NC	AC
A:8270C/DoD	LCS 240-69993/24-A		240-70697	240-69993	12/31/2012 11:53	1	TAL NC	JG
P:3540C	LCS 240-69614/24-A		240-70697	240-69614	12/20/2012 12:23	1	TAL NC	SE
A:8270C/DoD	LCS 240-69614/24-A		240-70697	240-69614	12/31/2012 12:39	1	TAL NC	JG
P:5030B	LCS 240-69738/37		240-69738		12/22/2012 09:24	1	TAL NC	HMB
A:8015B	LCS 240-69738/37		240-69738		12/22/2012 09:24	1	TAL NC	HMB
A:8015B	LCS 240-69738/53		240-69738		12/22/2012 19:32	1	TAL NC	HMB
P:5035	LCS 240-69748/2-A		240-69965	240-69748	12/21/2012 09:33	1	TAL NC	HMB
A:8015B	LCS 240-69748/2-A		240-69965	240-69748	12/24/2012 11:43	1	TAL NC	HMB
P:3520C	LCS 240-68549/16-A		240-68949	240-68549	12/13/2012 11:26	1	TAL NC	CC
A:8015B_DRO/DOD	LCS 240-68549/16-A		240-68949	240-68549	12/17/2012 15:03	1	TAL NC	DB
P:3540C	LCS 240-69559/18-A		240-70006	240-69559	12/20/2012 09:27	1	TAL NC	SE
A:8015B_DRO/DOD	LCS 240-69559/18-A		240-70006	240-69559	12/24/2012 17:11	1	TAL NC	DB
P:3540C	LCS 240-69794/7-A		240-70006	240-69794	12/21/2012 11:38	1	TAL NC	AC
A:8015B_DRO/DOD	LCS 240-69794/7-A		240-70006	240-69794	12/25/2012 02:16	1	TAL NC	DB
P:3540C	LCS 240-69985/24-A		240-70185	240-69985	12/24/2012 09:40	1	TAL NC	AC
A:8015B_DRO/DOD	LCS 240-69985/24-A		240-70185	240-69985	12/27/2012 14:14	1	TAL NC	DB
P:3520C	LCS 240-68554/5-A		240-69152	240-68554	12/13/2012 11:40	1	TAL NC	CC
A:8081/DOD	LCS 240-68554/5-A		240-69152	240-68554	12/18/2012 12:18	1	TAL NC	CV
P:3540C	LCS 240-69596/10-A		240-69893	240-69596	12/20/2012 11:14	1	TAL NC	SE
A:8081/DOD	LCS 240-69596/10-A		240-69893	240-69596	12/23/2012 01:23	1	TAL NC	CV
P:3520C	LCS 240-68553/5-A		240-69119	240-68553	12/13/2012 11:37	1	TAL NC	CC
A:8082/DOD	LCS 240-68553/5-A		240-69119	240-68553	12/18/2012 09:56	1	TAL NC	LH
P:3540C	LCS 240-69585/24-A		240-69978	240-69585	12/20/2012 10:35	1	TAL NC	SE
A:8082/DOD	LCS 240-69585/24-A		240-69978	240-69585	12/24/2012 14:07	1	TAL NC	CR
P:8151A	LCS 240-68522/22-A		240-68956	240-68522	12/13/2012 09:53	1	TAL NC	BM
A:8151/DOD	LCS 240-68522/22-A		240-68956	240-68522	12/17/2012 16:40	1	TAL NC	CR
P:8151A	LCS 240-69221/24-A		240-69890	240-69221	12/18/2012 11:08	1	TAL NC	BM
A:8151/DOD	LCS 240-69221/24-A		240-69890	240-69221	12/23/2012 04:19	1	TAL NC	DB
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:Filtration	LCS 320-7807/2-A		320-7855	320-7807	12/24/2012 12:40	1	TAL WSC	TP
A:8330 Modified	LCS 320-7807/2-A		320-7855	320-7807	12/27/2012 03:54	1	TAL WSC	RN

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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: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:8330-Prep	LCS 320-7404/2-A		320-7620	320-7404	12/14/2012 11:07	1	TAL WSC	HA
A:8330B	LCS 320-7404/2-A		320-7620	320-7404	12/21/2012 14:02	1	TAL WSC	RN
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:3005A	LCS 180-59308/2-A		180-59694	180-59308	12/24/2012 10:24	1	TAL PIT	CH
A:6020/DOD	LCS 180-59308/2-A		180-59694	180-59308	12/29/2012 03:50	1	TAL PIT	BR
P:3050B	LCS 180-59442/2-A		180-59733	180-59442	12/27/2012 07:50	1	TAL PIT	CNS
A:6020/DOD	LCS 180-59442/2-A		180-59733	180-59442	12/29/2012 17:33	1	TAL PIT	BR
P:7470A	LCS 240-70255/2-A		240-70694	240-70255	12/27/2012 16:00	1	TAL NC	LM
A:7470A/DOD	LCS 240-70255/2-A		240-70694	240-70255	12/29/2012 12:00	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 240-70273/2-A		240-70525	240-70273	12/27/2012 15:25	1	TAL NC	DE
A:7471/DOD	LCS 240-70273/2-A		240-70525	240-70273	12/28/2012 16:35	1	TAL NC	DH
P:353 (NCell-Hyd)	LCS 320-7571/2-B		320-8137	320-7638	12/20/2012 08:01	1	TAL WSC	TP
A:WS-WC-0050	LCS 320-7571/2-B		320-8137	320-7638	12/20/2012 12:18	1	TAL WSC	JB
P:353 (NCell-Hyd)	LCS 320-7816/2-B		320-8009	320-7878	12/27/2012 06:07	1	TAL WSC	TP
A:WS-WC-0050	LCS 320-7816/2-B		320-8009	320-7878	12/27/2012 13:35	1	TAL WSC	JB

Lab ID: LCSD **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:3005A	LCSD 180-59308/3-A		180-59694	180-59308	12/24/2012 10:24	1	TAL PIT	CH
A:6020/DOD	LCSD 180-59308/3-A		180-59694	180-59308	12/29/2012 03:54	1	TAL PIT	BR

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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: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:8260B/DoD	MRL 240-69093/6		240-69093		12/17/2012 23:54	1	TAL NC	TL
A:8260B/DoD	MRL 240-69093/34		240-69093		12/18/2012 10:01	1	TAL NC	TL
P:5030B	MRL 240-69591/5		240-69591		12/20/2012 12:43	1	TAL NC	RQ
A:8260B/DoD	MRL 240-69591/5		240-69591		12/20/2012 12:43	1	TAL NC	RQ
P:5030B	MRL 240-69591/18		240-69591		12/20/2012 17:42	1	TAL NC	RQ
A:8260B/DoD	MRL 240-69591/18		240-69591		12/20/2012 17:42	1	TAL NC	RQ
A:8270C/DoD	MRL 240-68962/3		240-68962		12/17/2012 10:54	1	TAL NC	JG
A:8270C/DoD	MRL 240-68962/10		240-68962		12/17/2012 13:15	1	TAL NC	JG
A:8270C/DoD	MRL 240-69988/3		240-69988		12/24/2012 10:53	1	TAL NC	MU
A:8270C/DoD	MRL 240-69988/25		240-69988		12/24/2012 20:04	1	TAL NC	MU
A:8270C/DoD	MRL 240-70697/4		240-70697		12/31/2012 10:20	1	TAL NC	JG
A:8270C/DoD	MRL 240-70697/13		240-70697		12/31/2012 13:49	1	TAL NC	JG
P:5030B	MRL 240-69738/35		240-69738		12/22/2012 08:08	1	TAL NC	HMB
A:8015B	MRL 240-69738/35		240-69738		12/22/2012 08:08	1	TAL NC	HMB
A:8015B	MRL 240-69738/51		240-69738		12/22/2012 18:14	1	TAL NC	HMB
A:8015B	MRL 240-69738/76		240-69738		12/23/2012 10:05	1	TAL NC	HMB
A:8015B	MRL 240-69965/5		240-69965		12/24/2012 10:26	1	TAL NC	HMB
A:8015B	MRL 240-69965/15		240-69965		12/24/2012 16:43	1	TAL NC	HMB
A:8015B	MRL 240-70834/28		240-70834		01/03/2013 03:04	1	TAL NC	HMB
A:8015B	MRL 240-70834/33		240-70834		01/03/2013 06:13	1	TAL NC	HMB
A:8015B_DRO/DOD	MRL 240-68949/4		240-68949		12/17/2012 13:32	1	TAL NC	DB
A:8015B_DRO/DOD	MRL 240-68949/23		240-68949		12/17/2012 23:05	1	TAL NC	DB
A:8015B_DRO/DOD	MRL 240-70006/5		240-70006		12/24/2012 15:15	1	TAL NC	DB
A:8015B_DRO/DOD	MRL 240-70006/29		240-70006		12/25/2012 06:47	1	TAL NC	DB
A:8015B_DRO/DOD	MRL 240-70185/4		240-70185		12/27/2012 12:44	1	TAL NC	DB
A:8015B_DRO/DOD	MRL 240-70185/33		240-70185		12/28/2012 03:21	1	TAL NC	DB
A:8081/DOD	MRL 240-69152/8		240-69152		12/18/2012 11:51	1	TAL NC	CV
A:8081/DOD	MRL 240-69152/22		240-69152		12/18/2012 18:17	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 240-69119/4		240-69119		12/18/2012 08:41	1	TAL NC	LH
A:8082/DOD	MRL 240-69119/11		240-69119		12/18/2012 10:26	1	TAL NC	LH
A:8082/DOD	MRL 240-69879/39		240-69879		12/22/2012 11:29	1	TAL NC	CR
A:8082/DOD	MRL 240-69978/10		240-69978		12/24/2012 11:29	1	TAL NC	CR
A:8082/DOD	MRL 240-69978/22		240-69978		12/24/2012 14:38	1	TAL NC	CR
A:8151/DOD	MRL 240-68956/12		240-68956		12/17/2012 14:18	1	TAL NC	CR
A:8151/DOD	MRL 240-68956/21		240-68956		12/17/2012 17:50	1	TAL NC	CR
A:8151/DOD	MRL 240-69890/17		240-69890		12/22/2012 17:21	1	TAL NC	DB

Client: Environmental Chemical Corp. Job Number: 240-18703-1

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:8151/DOD	MRL 240-69890/46		240-69890		12/23/2012 04:43	1	TAL NC	DB
A:WS-WC-0050	MRL 320-8137/10		320-8137		12/20/2012 12:06	1	TAL WSC	JB
A:WS-WC-0050	MRL 320-8137/20		320-8137		12/20/2012 12:26	1	TAL WSC	JB
A:WS-WC-0050	MRL 320-8137/34		320-8137		12/20/2012 12:54	1	TAL WSC	JB
A:WS-WC-0050	MRL 320-8137/47		320-8137		12/20/2012 13:20	1	TAL WSC	JB
A:WS-WC-0050	MRL 320-8009/10		320-8009		12/27/2012 13:23	1	TAL WSC	JB
A:WS-WC-0050	MRL 320-8009/20		320-8009		12/27/2012 13:43	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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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
EXDIESELSPKW_00022	06/13/13	12/13/12	MECL2, Lot 0000025517	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
EXHEASPIKEW_00007	05/28/13	11/28/12	MEOH, Lot 123279	100 mL	EXHERBEASPIKE_00017	10 mL	2,4,5-T	5 ug/mL
							2,4-D	20 ug/mL
							2,4-DB	20 ug/mL
							Dalapon	10 ug/mL
							Dicamba	10 ug/mL
							Dichlorprop	20 ug/mL
							Dinoseb	3 ug/mL
							MCPA	2000 ug/mL
							MCPP	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentachlorophenol	2.5 ug/mL
							Silvex (2,4,5-TP)	5 ug/mL
.EXHERBEASPIKE_00017	11/30/13	ULTRA SCIENTIFIC, Lot CG-1351			(Purchased Reagent)		2,4,5-T	50 ug/mL
							2,4-D	200 ug/mL
							2,4-DB	200 ug/mL
							Dalapon	100 ug/mL
							Dicamba	100 ug/mL
							Dichlorprop	200 ug/mL
							Dinoseb	30 ug/mL
							MCPA	20000 ug/mL
							MCPP	20000 ug/mL
							Pentachlorophenol	25 ug/mL
							Silvex (2,4,5-TP)	50 ug/mL
EXHERBSURR_00012	05/28/13	08/28/12	MEOH, Lot 123279	500 mL	EXHERBSOILSUR_00010	2 mL	2,4-Dichlorophenylacetic acid	20 ug/mL
.EXHERBSOILSUR_00010	08/31/13	Ultra scientific, Lot CH-1733			(Purchased Reagent)		2,4-Dichlorophenylacetic acid	5000 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
EXPSTNPDESSPW_00012	04/30/13	11/28/12	MEOH, Lot 123279	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
							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

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
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

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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		
							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_00413	12/17/12	12/17/12	NA, Lot NA	400 mL	MTHCL_00050	300 mL	Hydrogen Chloride	0.75 mL/mL
					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_00418	12/27/12	12/27/12	NA, Lot NA	360 mL	MTHCL_00051	270 mL	Hydrogen Chloride	0.75 mL/mL
					MTHNO3_00039	90 mL	Nitric acid	0.25 mL/mL
.MTHCL_00051	12/20/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
.MTHNO3_00039	12/12/14	Macron Chemicals, Lot K47022			(Purchased Reagent)		Nitric acid	100 %
MTH2S04_00011	12/17/14	Macron, Lot 0000020228			(Purchased Reagent)		Sulfuric 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_00295	12/28/12	12/28/12	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_00450	12/17/12	12/17/12	DIWATER, Lot DIWATER	100 mL	MTHgStd_00007	1 mL	Mercury	500 ug/L

REAGENT TRACEABILITY SUMMARY

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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		
					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_00456	12/27/12	12/27/12	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 %
MTHGICVW_00457	12/28/12	12/28/12	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 %
MTHGICVW_00458	12/28/12	12/28/12	DIWATER, Lot DIWATER	100 mL	ICV_00001	5 mL	Mercury	50 ug/L
					MTHNO3_00039	0.15 mL	Nitric acid	1500000 ug/L
.ICV_00001	12/28/13	teledyne leeman labs, Lot 1207101			(Purchased Reagent)		Mercury	1 ug/mL
.MTHNO3_00039	12/12/14	Macron Chemicals, Lot K47022			(Purchased Reagent)		Nitric acid	100 %
							Nitric acid	100 %
MTK2S2O8Liq_00017	10/31/13	Ricca Chemical, Lot 2211033			(Purchased Reagent)		Potassium persulfate	1 g
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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 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
..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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.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
							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

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 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
..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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 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
							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

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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	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
.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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 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
							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

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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@O.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

REAGENT TRACEABILITY SUMMARY

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..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
sgdiesel icv_00002	09/26/12	09/26/11	MECL2, Lot K29J00	100 mL	sgdeisel Icv_00002	1 g	Diesel	10000 ug/mL
.sgdeisel Icv_00002	09/26/12		sheets, Lot sheets		(Purchased Reagent)		Diesel	1000000 g
SGDIESELNON_00007	02/14/13	02/14/12	MECL2, Lot K48E14	100 mL	SGDIESELNONAN_00001	1 mL	n-Nonane	1000 ug/mL
					SGTPHDIESEL_00004	1 g	Diesel	10000 ug/mL
.SGDIESELNONAN_00001	08/16/12	08/16/11	MECL2, Lot K24J00	10 mL	SGTPHNONANE_00003	1 mL	n-Nonane	100000 ug/mL
..SGTPHNONANE_00003	08/16/12		sigma aldrich, Lot TBc0210v		(Purchased Reagent)		n-Nonane	1000000 ug/mL
.SGTPHDIESEL_00004	02/14/13		SCFN, Lot 021412		(Purchased Reagent)		Diesel	1000000 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
sgherbicv_00015	02/03/13	08/03/12	hexane, Lot L08E17	100 mL	SGHERBICV_00012	1 mL	2,4,5-T	0.02 ug/mL
							2,4-D	0.08 ug/mL
							2,4-DB	0.08 ug/mL
							2,4-Dichlorophenylacetic acid	0.08 ug/mL
							Dalapon	0.0399 ug/mL
							Dicamba	0.04 ug/mL
							Dichlorprop	0.08 ug/mL
							Dinoseb	0.012 ug/mL
							MCPA	8 ug/mL
							MCPP	8 ug/mL
							Silvex (2,4,5-TP)	0.02 ug/mL
.SGHERBICV_00012	07/31/13		RESTEK, Lot A083000		(Purchased Reagent)		2,4,5-T	2 ug/mL
							2,4-D	8 ug/mL
							2,4-DB	8 ug/mL
							2,4-Dichlorophenylacetic acid	8 ug/mL
							Dalapon	3.99 ug/mL
							Dicamba	4 ug/mL
							Dichlorprop	8 ug/mL
							Dinoseb	1.2 ug/mL
							MCPA	800 ug/mL
							MCPP	800 ug/mL
							Silvex (2,4,5-TP)	2 ug/mL
SGHERBL1_00009	05/31/13	11/24/12	HEXANE, Lot 00000014962	100 mL	SGHERBST_00009	100 uL	2,4,5-T	0.005 ug/mL
							2,4-D	0.02 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-DB	0.02 ug/mL
							2,4-Dichlorophenylacetic acid	0.02 ug/mL
							Dalapon	0.01 ug/mL
							Dicamba	0.01 ug/mL
							Dichlorprop	0.02 ug/mL
							Dinoseb	0.003 ug/mL
							MCPA	2 ug/mL
							MCPP	2 ug/mL
							Silvex (2,4,5-TP)	0.005 ug/mL
.SGHERBST_00009	05/31/13	08/23/12	HEXANE, Lot L03E01	10 mL	SGHERB_00015	1 mL	2,4,5-T	5 ug/mL
							2,4-D	20 ug/mL
							2,4-DB	20 ug/mL
							2,4-Dichlorophenylacetic acid	20 ug/mL
							Dalapon	10 ug/mL
							Dicamba	10 ug/mL
							Dichlorprop	20 ug/mL
							Dinoseb	3 ug/mL
							MCPA	2000 ug/mL
							MCPP	2000 ug/mL
							Silvex (2,4,5-TP)	5 ug/mL
..SGHERB_00015	05/31/13	Ultra Scientific, Lot CH-1342			(Purchased Reagent)		2,4,5-T	50 ug/mL
							2,4-D	200 ug/mL
							2,4-DB	200 ug/mL
							2,4-Dichlorophenylacetic acid	200 ug/mL
							Dalapon	100 ug/mL
							Dicamba	100 ug/mL
							Dichlorprop	200 ug/mL
							Dinoseb	30 ug/mL
							MCPA	20000 ug/mL
							MCPP	20000 ug/mL
							Silvex (2,4,5-TP)	50 ug/mL
SGHERBL2_00006	05/31/13	11/24/12	HEXANE, Lot 00000014962	100 mL	SGHERBST_00009	200 uL	2,4,5-T	0.01 ug/mL
							2,4-D	0.04 ug/mL
							2,4-DB	0.04 ug/mL
							2,4-Dichlorophenylacetic acid	0.04 ug/mL
							Dalapon	0.02 ug/mL
							Dicamba	0.02 ug/mL
							Dichlorprop	0.04 ug/mL
							Dinoseb	0.006 ug/mL
							MCPA	4 ug/mL
							MCPP	4 ug/mL
							Silvex (2,4,5-TP)	0.01 ug/mL
.SGHERBST_00009	05/31/13	08/23/12	HEXANE, Lot L03E01	10 mL	SGHERB_00015	1 mL	2,4,5-T	5 ug/mL
							2,4-D	20 ug/mL
							2,4-DB	20 ug/mL
							2,4-Dichlorophenylacetic acid	20 ug/mL
							Dalapon	10 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dicamba	10 ug/mL
							Dichlorprop	20 ug/mL
							Dinoseb	3 ug/mL
							MCPA	2000 ug/mL
							MCPP	2000 ug/mL
							Silvex (2,4,5-TP)	5 ug/mL
..SGHERB_00015	05/31/13		Ultra Scientific, Lot CH-1342		(Purchased Reagent)		2,4,5-T	50 ug/mL
							2,4-D	200 ug/mL
							2,4-DB	200 ug/mL
							2,4-Dichlorophenylacetic acid	200 ug/mL
							Dalapon	100 ug/mL
							Dicamba	100 ug/mL
							Dichlorprop	200 ug/mL
							Dinoseb	30 ug/mL
							MCPA	20000 ug/mL
							MCPP	20000 ug/mL
							Silvex (2,4,5-TP)	50 ug/mL
SGHERBL3_00008	02/23/13	08/23/12	HEXANE, Lot L03E01	100 mL	SGHERBST_00009	400 uL	2,4,5-T	0.02 ug/mL
							2,4-D	0.08 ug/mL
							2,4-DB	0.08 ug/mL
							2,4-Dichlorophenylacetic acid	0.08 ug/mL
							Dalapon	0.04 ug/mL
							Dicamba	0.04 ug/mL
							Dichlorprop	0.08 ug/mL
							Dinoseb	0.012 ug/mL
							MCPA	8 ug/mL
							MCPP	8 ug/mL
							Silvex (2,4,5-TP)	0.02 ug/mL
.SGHERBST_00009	05/31/13	08/23/12	HEXANE, Lot L03E01	10 mL	SGHERB_00015	1 mL	2,4,5-T	5 ug/mL
							2,4-D	20 ug/mL
							2,4-DB	20 ug/mL
							2,4-Dichlorophenylacetic acid	20 ug/mL
							Dalapon	10 ug/mL
							Dicamba	10 ug/mL
							Dichlorprop	20 ug/mL
							Dinoseb	3 ug/mL
							MCPA	2000 ug/mL
							MCPP	2000 ug/mL
							Silvex (2,4,5-TP)	5 ug/mL
..SGHERB_00015	05/31/13		Ultra Scientific, Lot CH-1342		(Purchased Reagent)		2,4,5-T	50 ug/mL
							2,4-D	200 ug/mL
							2,4-DB	200 ug/mL
							2,4-Dichlorophenylacetic acid	200 ug/mL
							Dalapon	100 ug/mL
							Dicamba	100 ug/mL
							Dichlorprop	200 ug/mL
							Dinoseb	30 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							MCPA	20000 ug/mL
							MCPP	20000 ug/mL
							Silvex (2,4,5-TP)	50 ug/mL
SGHERBL4_00006	05/31/13	11/24/12	HEXANE, Lot 00000014962	100 mL	SGHERBST_00009	800 uL	2,4,5-T	0.04 ug/mL
							2,4-D	0.16 ug/mL
							2,4-DB	0.16 ug/mL
							2,4-Dichlorophenylacetic acid	0.16 ug/mL
							Dalapon	0.08 ug/mL
							Dicamba	0.08 ug/mL
							Dichlorprop	0.16 ug/mL
							Dinoseb	0.024 ug/mL
							MCPA	16 ug/mL
							MCPP	16 ug/mL
							Silvex (2,4,5-TP)	0.04 ug/mL
.SGHERBST_00009	05/31/13	08/23/12	HEXANE, Lot L03E01	10 mL	SGHERB_00015	1 mL	2,4,5-T	5 ug/mL
							2,4-D	20 ug/mL
							2,4-DB	20 ug/mL
							2,4-Dichlorophenylacetic acid	20 ug/mL
							Dalapon	10 ug/mL
							Dicamba	10 ug/mL
							Dichlorprop	20 ug/mL
							Dinoseb	3 ug/mL
							MCPA	2000 ug/mL
							MCPP	2000 ug/mL
							Silvex (2,4,5-TP)	5 ug/mL
..SGHERB_00015	05/31/13	Ultra Scientific, Lot CH-1342			(Purchased Reagent)		2,4,5-T	50 ug/mL
							2,4-D	200 ug/mL
							2,4-DB	200 ug/mL
							2,4-Dichlorophenylacetic acid	200 ug/mL
							Dalapon	100 ug/mL
							Dicamba	100 ug/mL
							Dichlorprop	200 ug/mL
							Dinoseb	30 ug/mL
							MCPA	20000 ug/mL
							MCPP	20000 ug/mL
							Silvex (2,4,5-TP)	50 ug/mL
SGHERBL5_00006	05/31/13	11/24/12	HEXANE, Lot 00000014962	100 mL	SGHERBST_00009	1.6 mL	2,4,5-T	0.08 ug/mL
							2,4-D	0.32 ug/mL
							2,4-DB	0.32 ug/mL
							2,4-Dichlorophenylacetic acid	0.32 ug/mL
							Dalapon	0.16 ug/mL
							Dicamba	0.16 ug/mL
							Dichlorprop	0.32 ug/mL
							Dinoseb	0.048 ug/mL
							MCPA	32 ug/mL
							MCPP	32 ug/mL
							Silvex (2,4,5-TP)	0.08 ug/mL

REAGENT TRACEABILITY SUMMARY

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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		
.SGHERBST_00009	05/31/13	08/23/12	HEXANE, Lot L03E01	10 mL	SGHERB_00015	1 mL	2,4,5-T	5 ug/mL
							2,4-D	20 ug/mL
							2,4-DB	20 ug/mL
							2,4-Dichlorophenylacetic acid	20 ug/mL
							Dalapon	10 ug/mL
							Dicamba	10 ug/mL
							Dichlorprop	20 ug/mL
							Dinoseb	3 ug/mL
							MCPA	2000 ug/mL
							MCPP	2000 ug/mL
							Silvex (2,4,5-TP)	5 ug/mL
..SGHERB_00015	05/31/13		Ultra Scientific, Lot CH-1342		(Purchased Reagent)		2,4,5-T	50 ug/mL
							2,4-D	200 ug/mL
							2,4-DB	200 ug/mL
							2,4-Dichlorophenylacetic acid	200 ug/mL
							Dalapon	100 ug/mL
							Dicamba	100 ug/mL
							Dichlorprop	200 ug/mL
							Dinoseb	30 ug/mL
							MCPA	20000 ug/mL
							MCPP	20000 ug/mL
							Silvex (2,4,5-TP)	50 ug/mL
SGHERBL6_00006	05/31/13	11/24/12	HEXANE, Lot 00000014962	100 mL	SGHERBST_00009	3.2 mL	2,4,5-T	0.16 ug/mL
							2,4-D	0.64 ug/mL
							2,4-DB	0.64 ug/mL
							2,4-Dichlorophenylacetic acid	0.64 ug/mL
							Dalapon	0.32 ug/mL
							Dicamba	0.32 ug/mL
							Dichlorprop	0.64 ug/mL
							Dinoseb	0.096 ug/mL
							MCPA	64 ug/mL
							MCPP	64 ug/mL
							Silvex (2,4,5-TP)	0.16 ug/mL
.SGHERBST_00009	05/31/13	08/23/12	HEXANE, Lot L03E01	10 mL	SGHERB_00015	1 mL	2,4,5-T	5 ug/mL
							2,4-D	20 ug/mL
							2,4-DB	20 ug/mL
							2,4-Dichlorophenylacetic acid	20 ug/mL
							Dalapon	10 ug/mL
							Dicamba	10 ug/mL
							Dichlorprop	20 ug/mL
							Dinoseb	3 ug/mL
							MCPA	2000 ug/mL
							MCPP	2000 ug/mL
							Silvex (2,4,5-TP)	5 ug/mL
..SGHERB_00015	05/31/13		Ultra Scientific, Lot CH-1342		(Purchased Reagent)		2,4,5-T	50 ug/mL
							2,4-D	200 ug/mL
							2,4-DB	200 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dichlorophenylacetic acid	200 ug/mL
							Dalapon	100 ug/mL
							Dicamba	100 ug/mL
							Dichlorprop	200 ug/mL
							Dinoseb	30 ug/mL
							MCPA	20000 ug/mL
							MCPP	20000 ug/mL
							Silvex (2,4,5-TP)	50 ug/mL
SGHerbPCP2_00007	01/31/13	09/18/12	HEXANE, Lot 0000013019	100 mL	SGHERBPCPST_00006	50 uL	Pentachlorophenol	0.005 ug/mL
.SGHERBPCPST_00006	01/31/13	09/18/12	HEXANE, Lot 00000103019	100 mL	SGHERBPCP_00006	1 mL	Pentachlorophenol	10 ug/mL
..SGHERBPCP_00006	01/31/13		Restek, Lot A079471		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
SGHerbPCP3_00005	01/31/13	09/18/12	HEXANE, Lot 0000013019	100 mL	SGHERBPCPST_00006	100 uL	Pentachlorophenol	0.01 ug/mL
.SGHERBPCPST_00006	01/31/13	09/18/12	HEXANE, Lot 00000103019	100 mL	SGHERBPCP_00006	1 mL	Pentachlorophenol	10 ug/mL
..SGHERBPCP_00006	01/31/13		Restek, Lot A079471		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
SGHerbPCP4_00005	01/31/13	09/18/12	HEXANE, Lot 0000013019	100 mL	SGHERBPCPST_00006	200 uL	Pentachlorophenol	0.02 ug/mL
.SGHERBPCPST_00006	01/31/13	09/18/12	HEXANE, Lot 00000103019	100 mL	SGHERBPCP_00006	1 mL	Pentachlorophenol	10 ug/mL
..SGHERBPCP_00006	01/31/13		Restek, Lot A079471		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
SGHerbPCP5_00005	01/31/13	09/18/12	HEXANE, Lot 0000013019	100 mL	SGHERBPCPST_00006	400 uL	Pentachlorophenol	0.04 ug/mL
.SGHERBPCPST_00006	01/31/13	09/18/12	HEXANE, Lot 00000103019	100 mL	SGHERBPCP_00006	1 mL	Pentachlorophenol	10 ug/mL
..SGHERBPCP_00006	01/31/13		Restek, Lot A079471		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
SGHerbPCP6_00005	01/31/13	09/18/12	HEXANE, Lot 0000013019	100 mL	SGHERBPCPST_00006	800 uL	Pentachlorophenol	0.08 ug/mL
.SGHERBPCPST_00006	01/31/13	09/18/12	HEXANE, Lot 00000103019	100 mL	SGHERBPCP_00006	1 mL	Pentachlorophenol	10 ug/mL
..SGHERBPCP_00006	01/31/13		Restek, Lot A079471		(Purchased Reagent)		Pentachlorophenol	1000 ug/mL
SGHerbPCPICV_00001	09/27/12	03/27/12	HEXANE, Lot K34E37	100 mL	SGHerbPCPIVST_00002	100 uL	Pentachlorophenol	0.01003 ug/mL
.SGHerbPCPIVST_00002	03/27/13	03/27/12	HEXANE, Lot K34E37	10 mL	SGHerbPCPIVST_00001	1 mL	Pentachlorophenol	10.03 ug/mL
..SGHerbPCPIVST_00001	01/15/14		AccuStandard, Lot B4010036		(Purchased Reagent)		Pentachlorophenol	100.3 ug/mL
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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
					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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,4'-DDE	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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-Chloroaniline	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-chloroisopropyl) ether	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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-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-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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrotoluene	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-Chloroaniline	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
							Benzyl alcohol	1000 ug/mL
							bis (2-chloroisopropyl) ether	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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 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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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	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
					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

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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 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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dimethylphenol	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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)	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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	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
							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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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 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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Terphenyl-d14 (Surr)	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
							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.: 240-18703-1

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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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
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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
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
VGGASCAL_00023	03/28/13	12/28/12	MEOH, Lot 123279	50 mL	VGGASDIL_00007	500 uL	C6-C10	100 ug/mL
							C6-C12	100 ug/mL
.VGGASDIL_00007	03/28/13	12/28/12	MEOH, Lot 123279	50 mL	VGGASSTOCK_00014	0.5 g	C6-C10	10000 ug/mL
							C6-C12	10000 ug/mL
..VGGASSTOCK_00014	10/31/13		ULTRA SCIENTIFIC, Lot S-0681W		(Purchased Reagent)		C6-C10	1 g/g
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..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_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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	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-1,2-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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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
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
							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

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
.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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
.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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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_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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..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.: 240-18703-1

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_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
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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Pittsburgh Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Pittsburgh Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
MTAPITTICPMS_00010	11/01/13	INORGANIC VENTURES, Lot F2-MEB410066			(Purchased Reagent)		Aluminum	200 ug/mL
							Arsenic	4 ug/mL
							B	100 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
							Sr	100 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
MTAPITTMSA_00012	01/01/14	INORGANIC VENTURES, Lot F2-MEB440138			(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
MTAPITTMSC_00016	01/01/14	Inorganic Ventures, Lot F2-MEB427091			(Purchased Reagent)		Antimony	50 ug/mL
							Mo	100 ug/mL
							Si	1000 ug/mL
							SiO2	2140 ug/mL
							Sn	200 ug/mL
							Ti	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18703-1

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

Lab Name: TestAmerica Sacramento Job No.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18703-1

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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18703-1

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
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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
.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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.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
..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

Lab Name: TestAmerica Sacramento Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18703-1

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
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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18703-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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

PLASMA-PURE ™

Standard Certificate

Rec'd 12/26/12 DAH

Catalog Number:	602-00159	**Lot Number:**	1270201
Starting Material:	99.9999% purity Hg metal	**Diluent/Matrix:**	2% HCl
Preparation Date:	Dec-12	**Expiration Date:**	Dec-13

Element	Concentration
Hg	1.00 ± 0.02 µg/ml

Residual Impurities *	Concentration
None Detected	

* **Impurities were determined via ICP Emission Spectroscopy. Only elements detected are reported.**

Traceability

1. **This standard is certified using wet chemistry assay procedures and/or plasma emission spectroscopy, traceable to primary or well-characterized secondary standards. Traceable to:** NIST SRM 3133, Hg Lot#991304
2. **Analytical balances are routinely calibrated using NIST weight sets.**

Certification

Leeman Labs, Inc. certifies that PLASMA-PURE Standards have been formulated to the concentrations listed above (±0.5% of reported value). This certification does not apply and will be considered null and void if PLASMA-PURE Standards are used in a manner or in an environment not consistent with their intended purpose or are modified by the Customer in any manner.

Limitations

THE ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MECHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Limitation of Liability

In no event shall Leeman Labs, Inc. be liable for any indirect, incidental, special, or consequential damages, including loss of profits, revenue, or used incurred by Customer or any third party, whether in an action in contract or tort. Leeman Labs Inc's liability for damages hereunder shall in no event exceed the amounts paid for the PLASMA-PURE Standards.

QC Analyst:

Date: December 19, 2012

ISO 9001:2000 QUALITY

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A Teledyne Technologies Company
6 Wentworth Drive . Hudson, NH 03051
Tel: 603.886.8400 Fax: 603.886.9141

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www.highpuritystandards.com

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.

ULTRA SCIENTIFIC
Analytical Standards

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

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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.

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William J. Leary
Quality Assurance Manager

ULTRA SCIENTIFIC
Analytical Standards

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.

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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.

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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.

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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.

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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
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

JVIMS Received 12/13/11

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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)

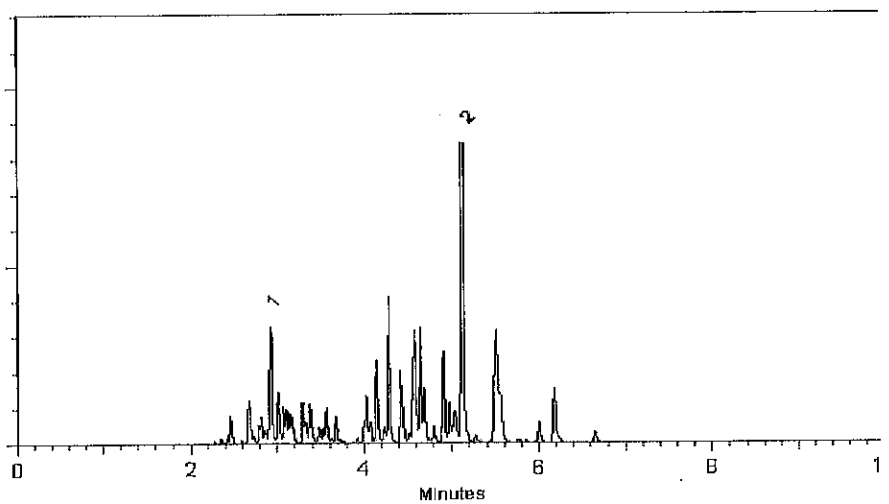
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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Tel: (800)356-1688
Fax: (814)353-1309

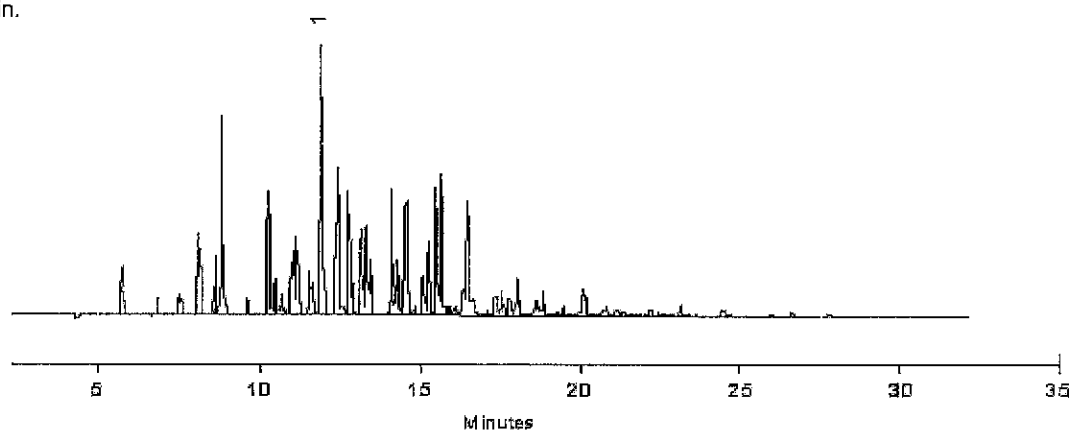
FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

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

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)

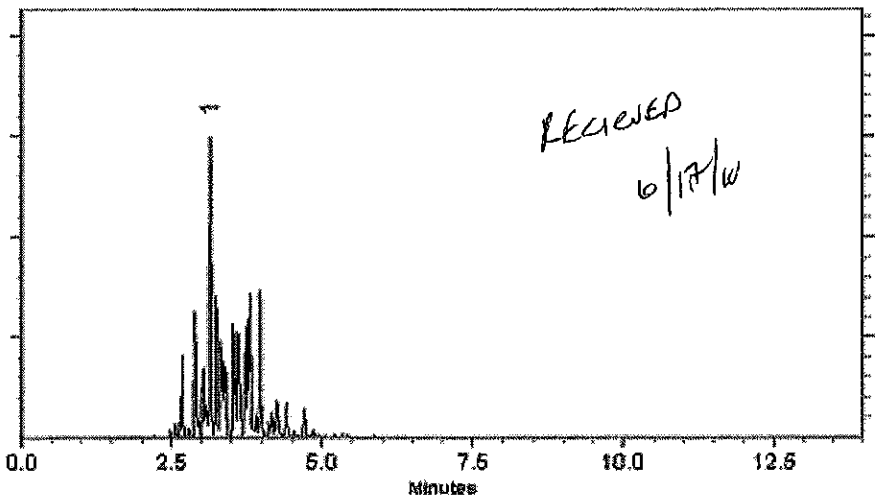
Carrier Gas:
helium-constant pressure 20 psi.

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

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)

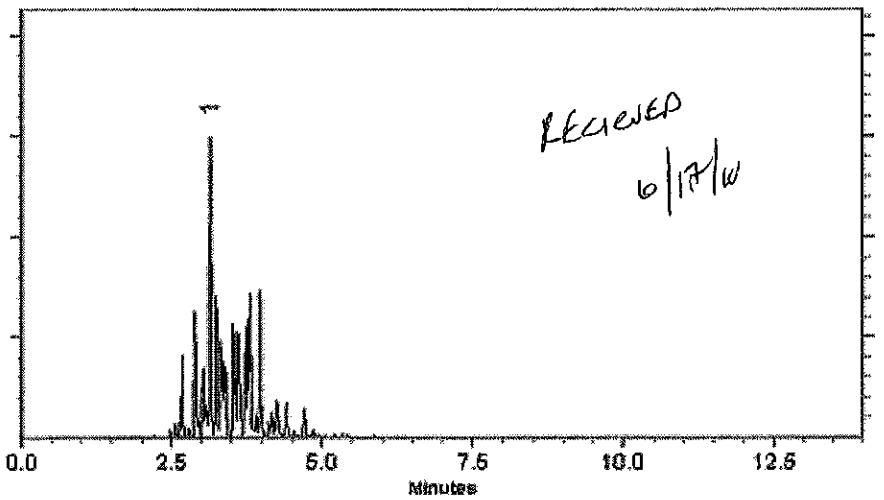
Carrier Gas:
helium-constant pressure 20 psi.

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

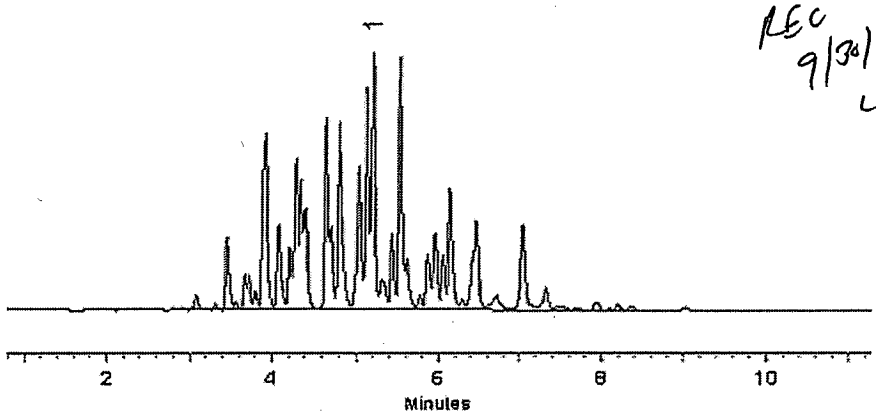
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 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

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)

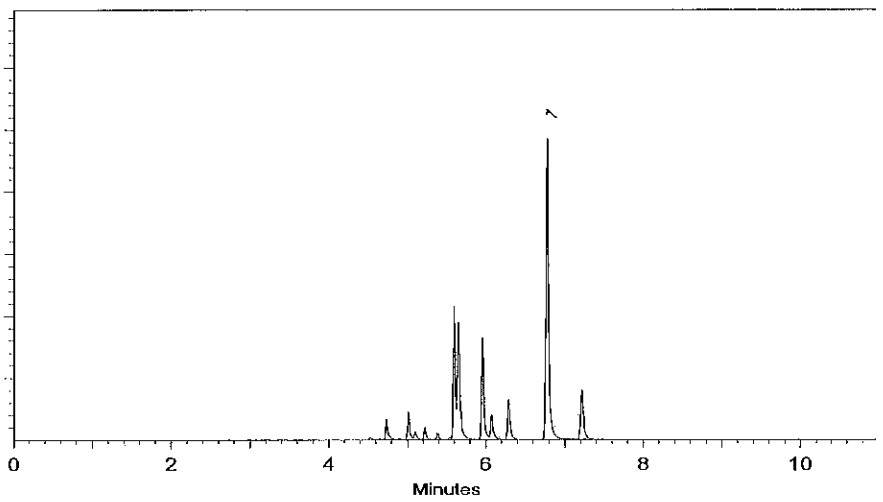
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
25°C/min. (hold 10 min.)

Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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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)

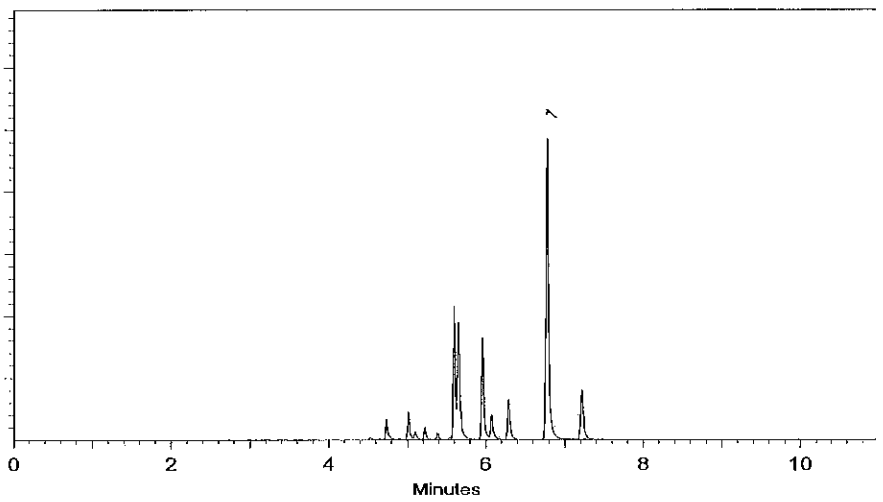
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
25°C/min. (hold 10 min.)

Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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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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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)

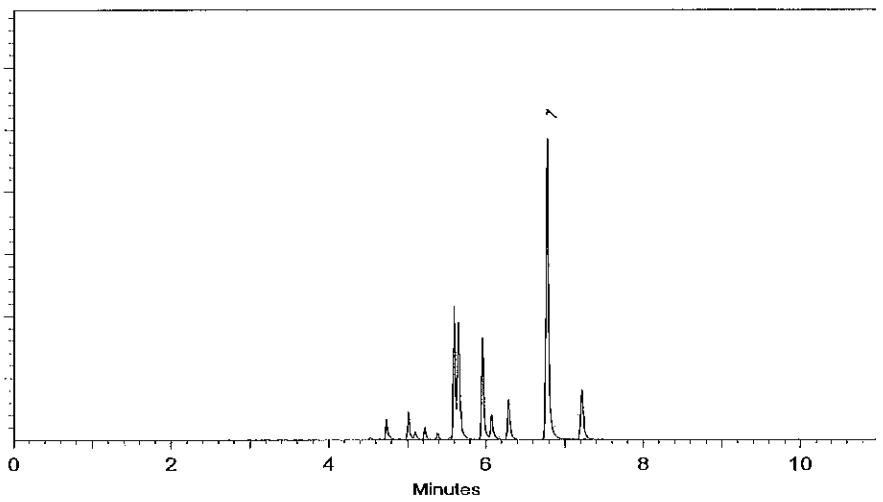
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
25°C/min. (hold 10 min.)

Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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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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Certificate of Analysis

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Tel: (800)356-1688
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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)

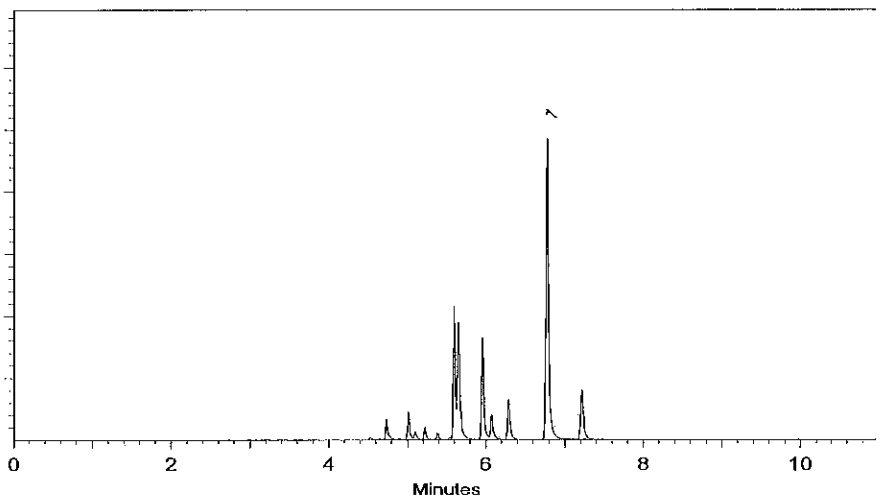
Carrier Gas:
helium-constant pressure 20 psi.

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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Certificate of Analysis

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Tel: (800)356-1688
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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)

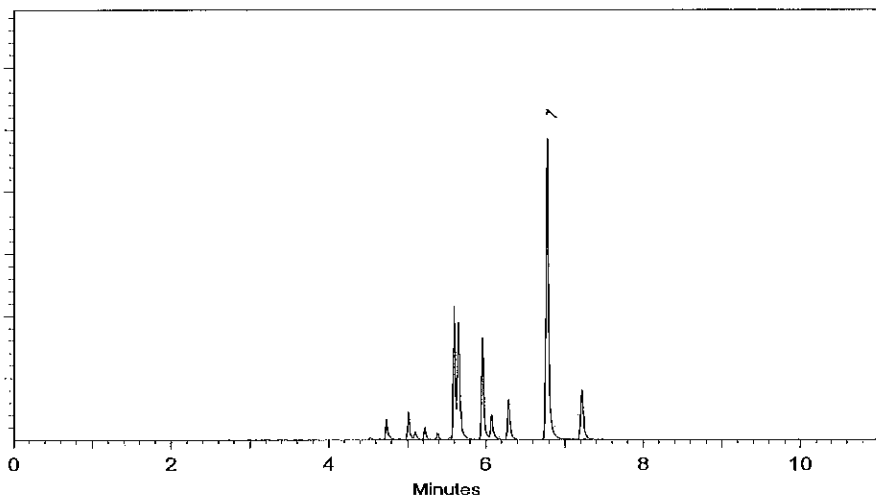
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. 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)

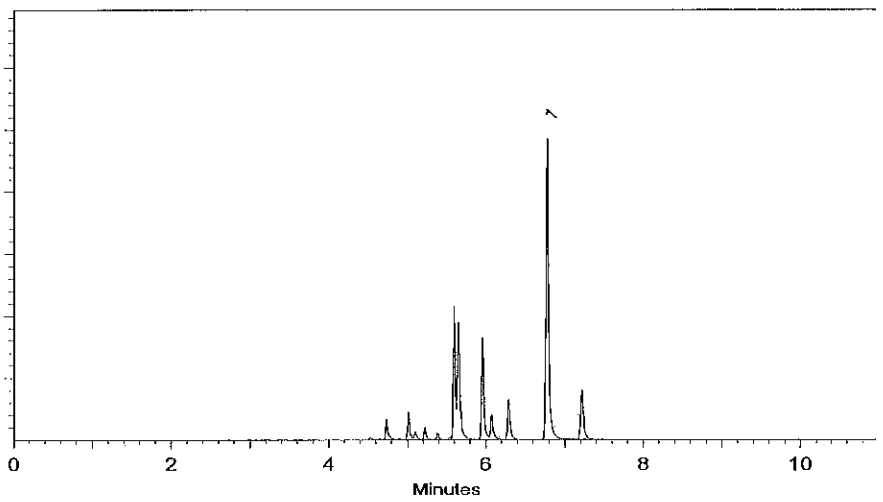
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
25°C/min. (hold 10 min.)

Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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

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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)

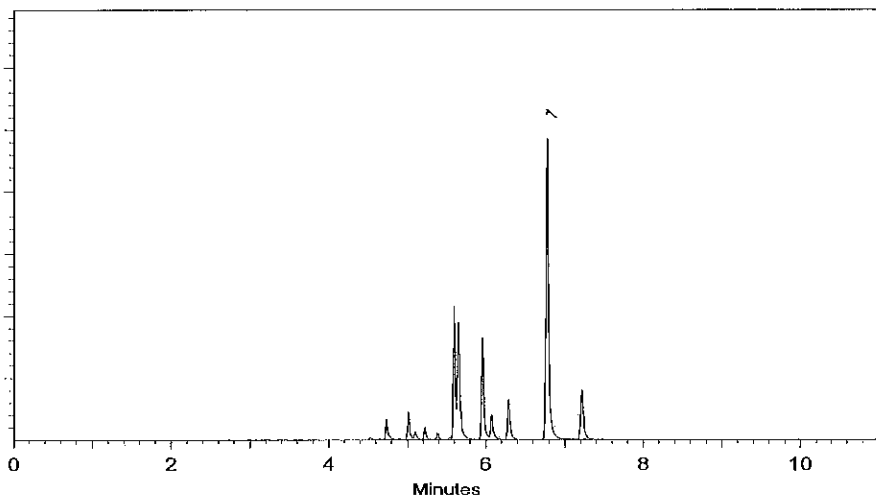
Carrier Gas:
helium-constant pressure 20 psi.

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

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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. : 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)

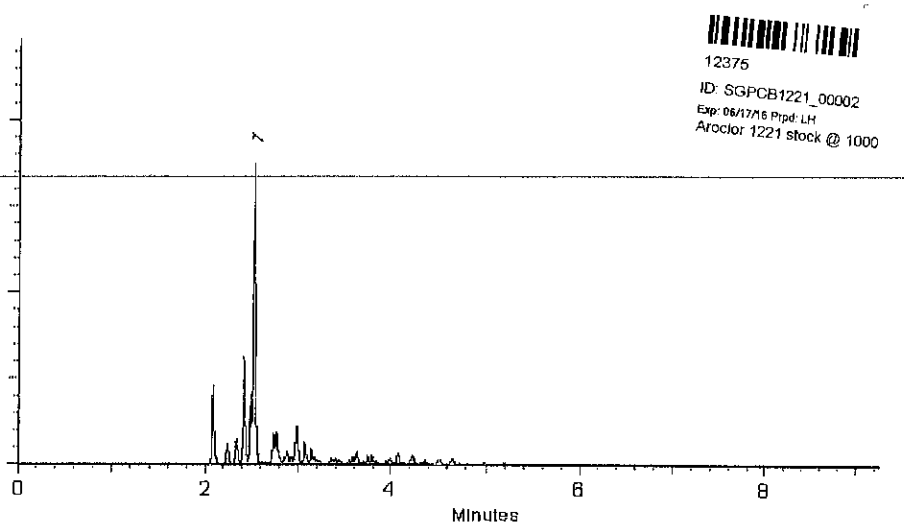
Carrier Gas:
hellum-constant pressure 20 psi.

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)

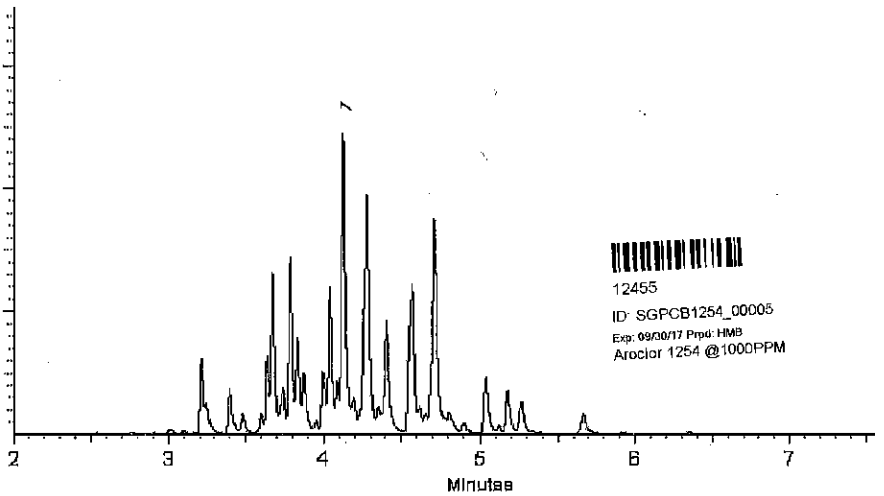
Carrier Gas:
helium-constant pressure 20 psi.

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

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

Rcvd 7-21-11 cmk

Certificate of Composition

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 557670 **Lot No.:** A083000

Description : Custom Herbicide Methyl Esters Standard

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] July 2013 **Storage:** 10°C or colder

Handling: This product is photosensitive.

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav. Uncert. (95% C.L.; K=2) [4]
1	Dalapon methyl ester	17640-02-7	95%	3.99 ug/mL	+/- 0.03264 ug/mL
2	2,4-Dichlorophenyl acetic acid methyl ester	55954-23-9	99%	8.00 ug/mL	+/- 0.06544 ug/mL
3	Dicamba methyl ester	6597-78-0	99%	4.00 ug/mL	+/- 0.03272 ug/mL
4	MCPP (Mecoprop) methyl ester	2786-19-8	98%	799.68 ug/mL	+/- 4.74986 ug/mL
5	MCPA methyl ester	2436-73-9	99%	800.00 ng/mL	+/- 4.75176 ug/mL
6	Dichlorprop methyl ester	57153-17-0	99%	8.00 ug/mL	+/- 0.06544 ug/mL
7	2,4-D methyl ester	1928-38-7	98%	8.00 ug/mL	+/- 0.06542 ug/mL
8	Pentachloroanisole	1825-21-4	98%	2.00 ug/mL	+/- 0.1208 ug/mL
9	2,4,5-TP (silvex) methyl ester	4841-20-7	98%	2.00 ug/mL	+/- 0.1208 ug/mL
10	2,4,5-T methyl ester	1928-37-6	98%	2.00 ug/mL	+/- 0.1208 ug/mL
11	2,4-DB methyl ester	18625-12-2	99%	8.00 ug/mL	+/- 0.06544 ug/mL
12	Picloram methyl ester	14143-55-6	97%	7.99 ng/mL	+/- 0.06538 ug/mL
13	Dinoseb methyl ether	6099-79-2	99%	1.20 ug/mL	+/- 0.07251 ug/mL
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

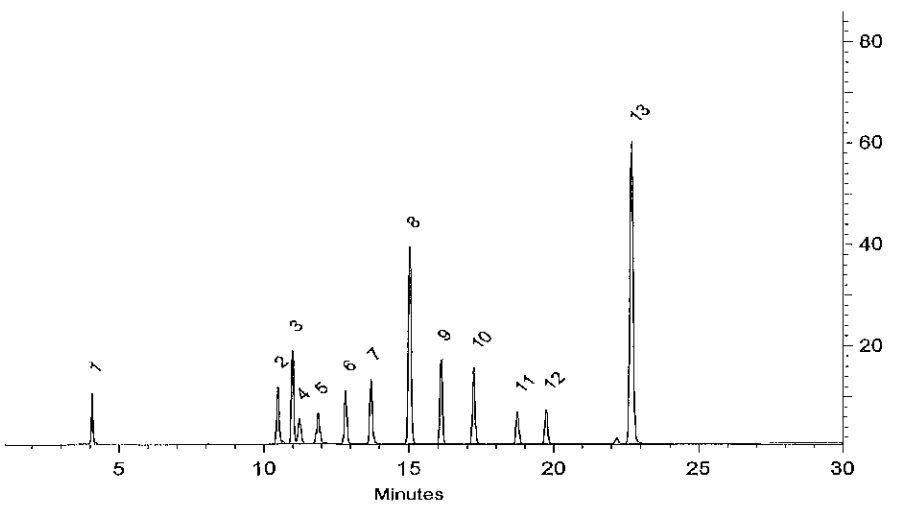
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



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: P-199S
Description: Pentachloroanisole
Lot: B4010036
Solvent: Methanol

Date Certified: Jan 15, 2004
Expiration: Jan 15, 2014
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)
Pentachloroanisole	1825-21-4	100	100.3	100.3

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.822/254480
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 ±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

OR-ORG/INC-001
Rev. 7/11

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)

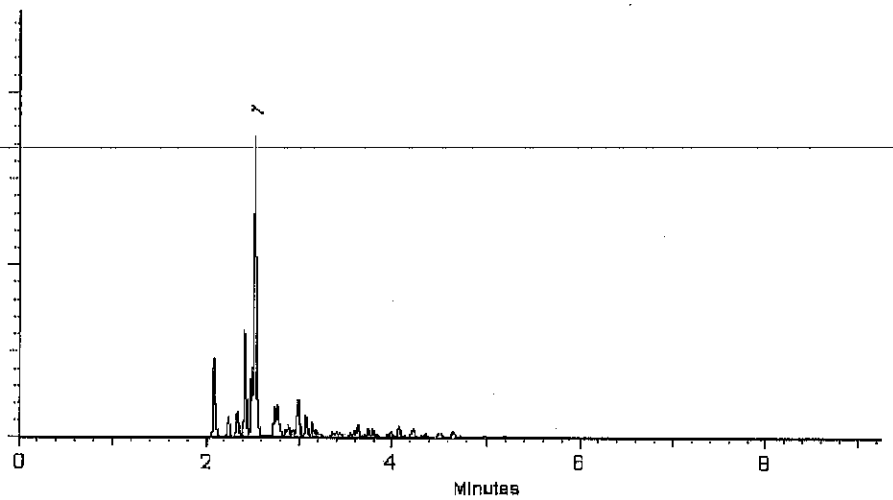
Carrier Gas:
helium-constant pressure 20 psi.

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)

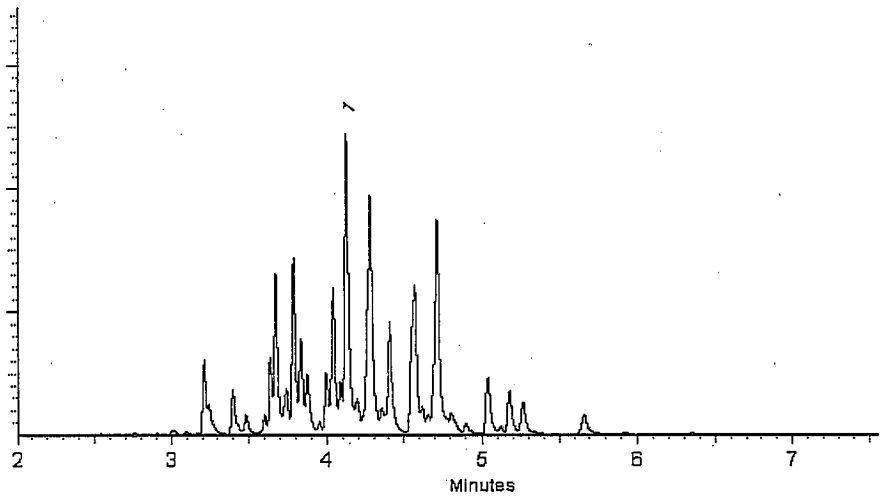
Carrier Gas:
helium-constant pressure 20 psi.

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

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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)

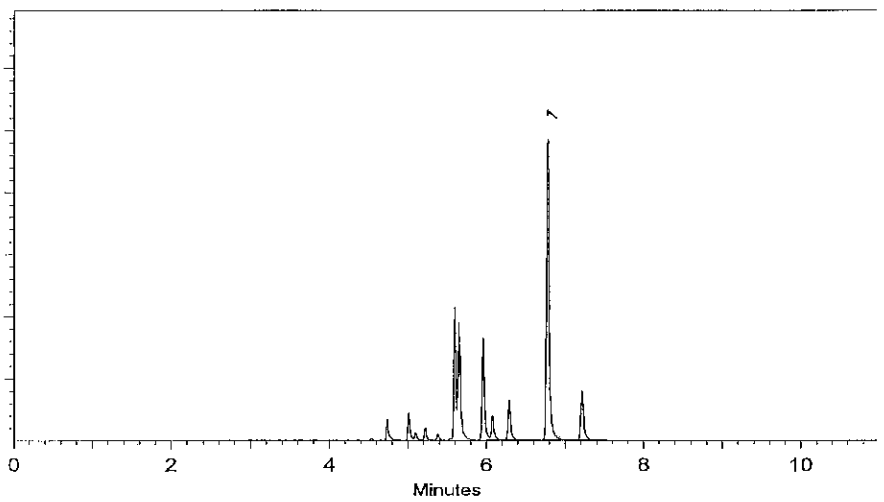
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

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

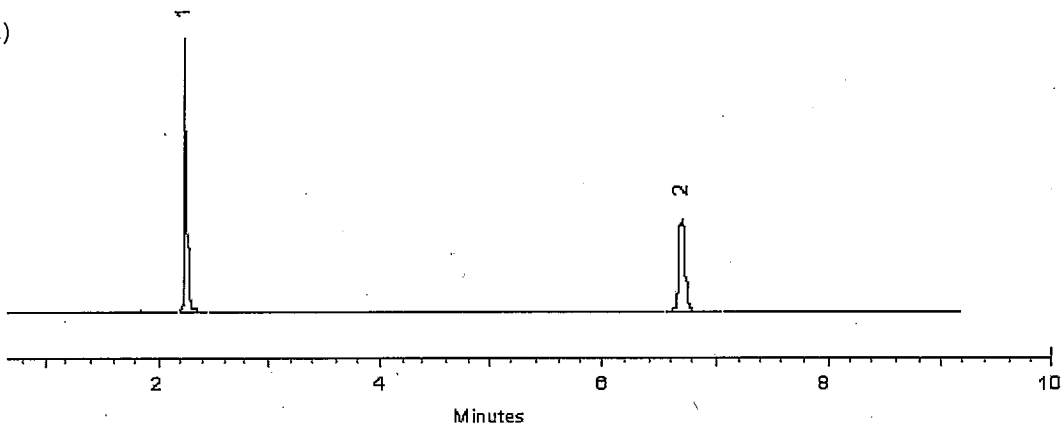
FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

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
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

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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.: 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)

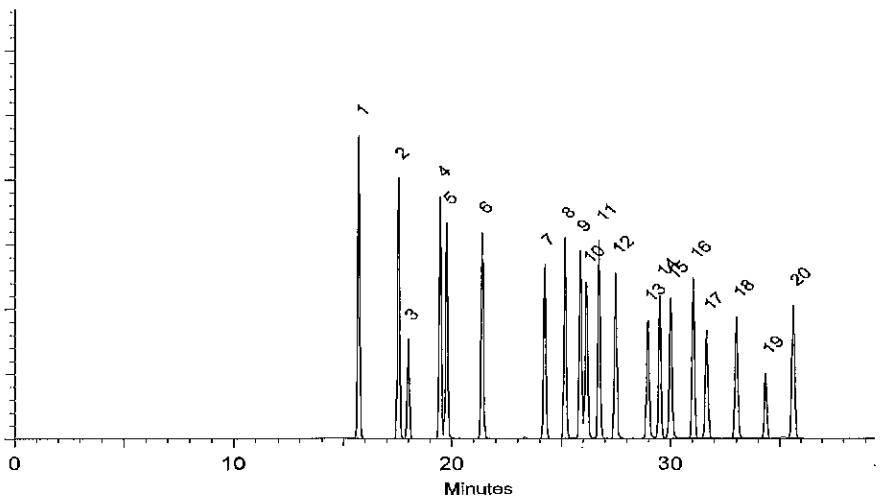
Carrier Gas:
hellium-constant pressure 20 psi.

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)

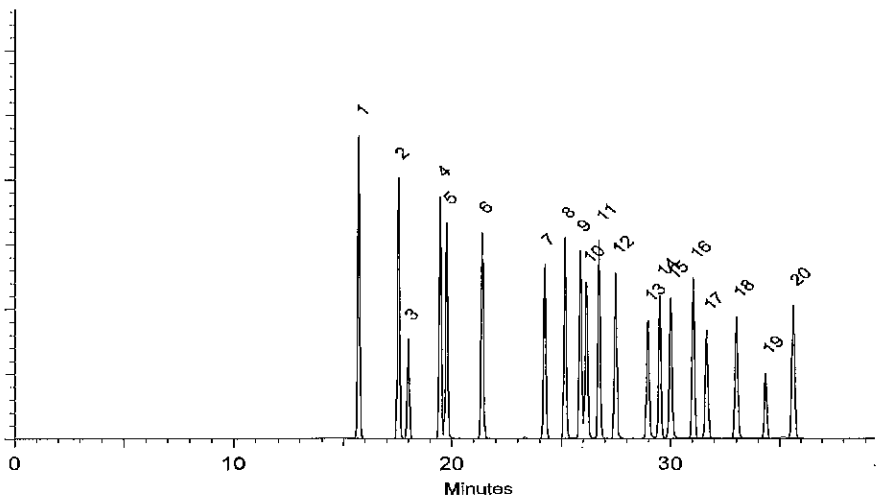
Carrier Gas:
hellium-constant pressure 20 psi.

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

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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)

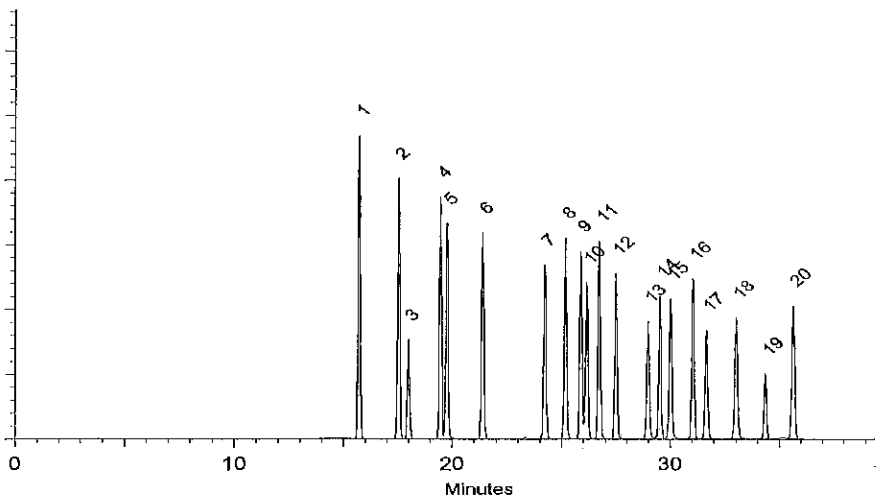
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



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)

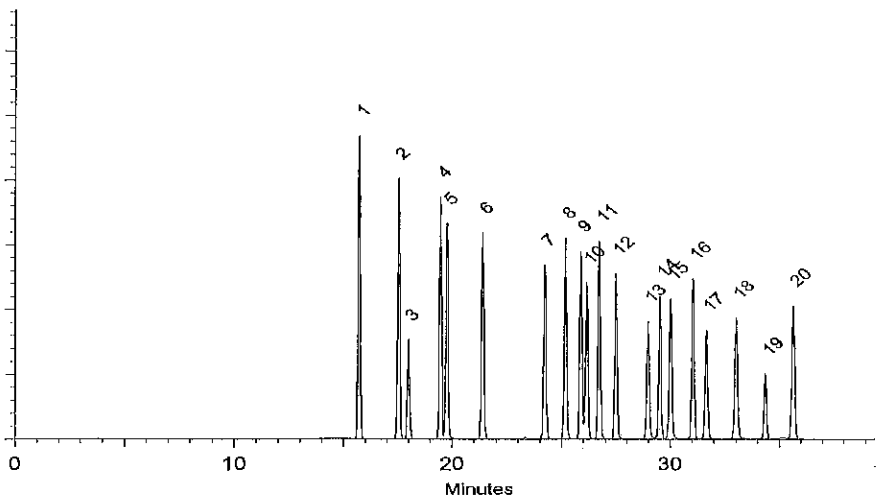
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



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. 2vials

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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)

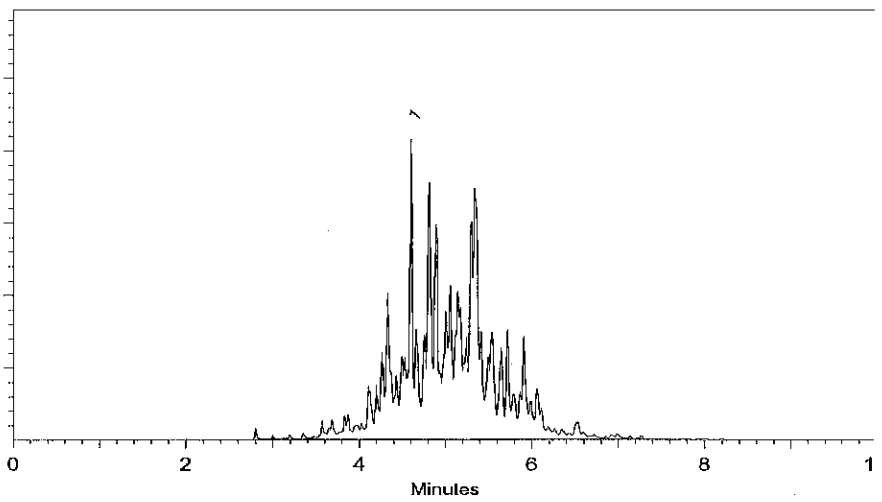
Carrier Gas:
helium-constant pressure 20 psi.

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. [3] (weight/volume)	Grav.Uncert. [4] (95% C.L.; K=2)
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)

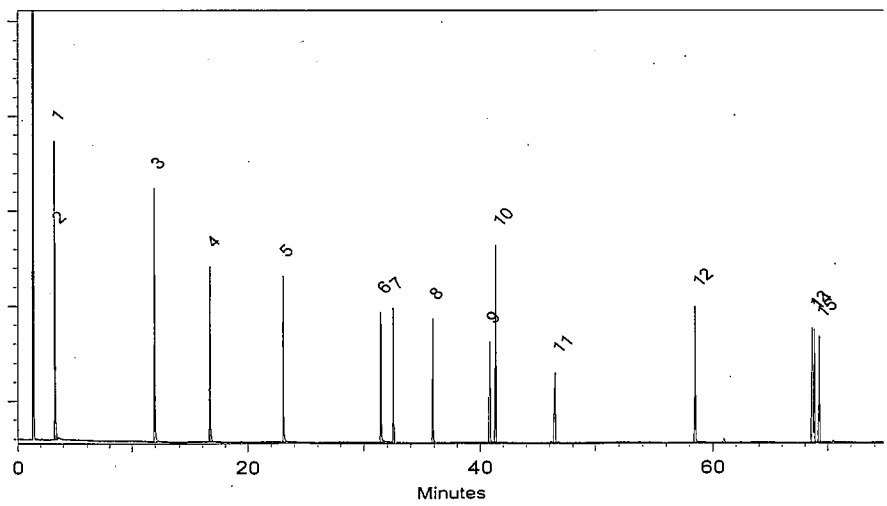
Carrier Gas:
hydrogen-constant pressure 10 psi

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)

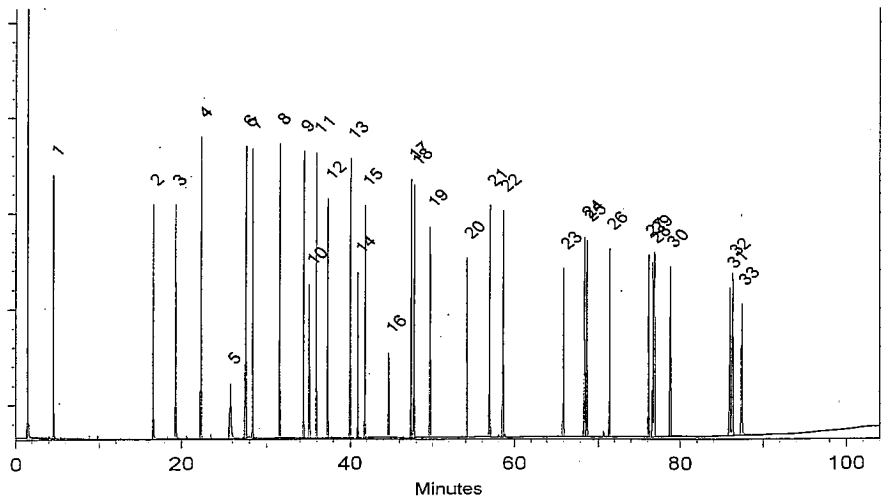
Carrier Gas:
hydrogen-constant pressure 10 psi

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

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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

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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

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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.

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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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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

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   AR-1463

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   AT-1339

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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.

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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
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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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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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
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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Elwood Doughty
QA Manager

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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

(1) Listed in alphabetical order.

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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

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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

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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

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

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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

(1) Listed in alphabetical order.

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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.

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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

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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

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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

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
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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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
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

(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 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
www.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.
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William J. Leary
Quality Assurance Manager

3/15/11
TS

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. : 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)

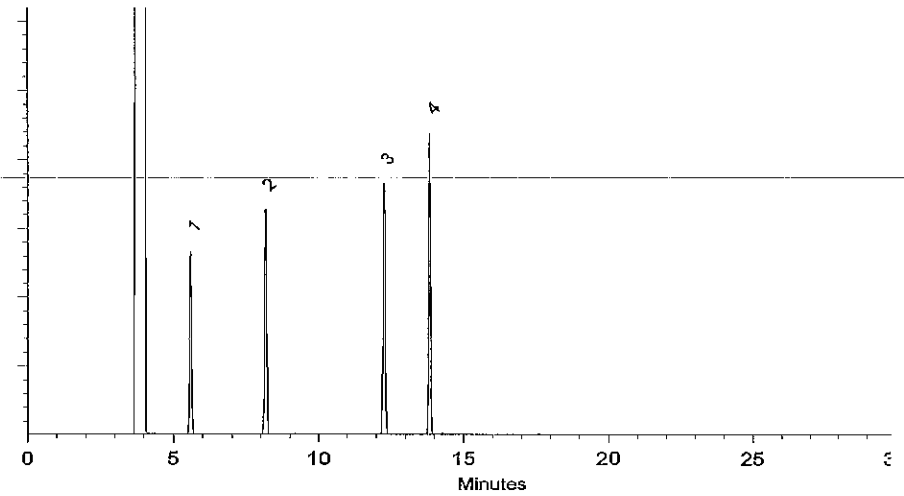
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

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
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RESTEK

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11/23/11
FS

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

RESTEK

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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)	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

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.

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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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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

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-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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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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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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Custom Standard

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

VMDWM544_00011

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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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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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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.

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#350253 3/9/12 RJR

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CERTIFICATE OF ANALYSIS

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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

Certifying Officer: Paul Gaines, PhD., Senior Technical Director

Paul R Gaines

#350254 3/9/2012 R1R

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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-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

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

#350255 3/9/12 RJR

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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-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"**
- 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

Certifying Officer: Paul Gaines, PhD., Senior Technical Director

Paul R Gaines

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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 10.15.12

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-ICPMS

Lot Number: **F2-MEB410066**

Matrix: 0.7% HNO3(v/v)

200 µg/mL ea:
Al, Ba,

100 µg/mL ea:
B, Fe, Sr,

50 µg/mL ea:
Co, Mn, Ni, V, Zn,

25 µg/mL ea:
Cu,

20 µg/mL ea:
Cr3,

5 µg/mL ea:
Ag, Be, Cd, Tl,

4 µg/mL ea:
As,

2 µg/mL ea:
Pb,

1 µg/mL ea:
Se

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	200.0 ± 1.4 µg/mL	Arsenic, As	4.000 ± 0.026 µg/mL	Barium, Ba	200.0 ± 1.3 µg/mL
Beryllium, Be	5.000 ± 0.036 µg/mL	Boron, B	100.0 ± 0.7 µg/mL	Cadmium, Cd	5.000 ± 0.032 µg/mL
Chromium+3, Cr3	20.00 ± 0.14 µg/mL	Cobalt, Co	50.00 ± 0.32 µg/mL	Copper, Cu	25.01 ± 0.18 µg/mL
Iron, Fe	100.1 ± 0.7 µg/mL	Lead, Pb	2.001 ± 0.013 µg/mL	Manganese, Mn	50.00 ± 0.28 µg/mL
Nickel, Ni	50.00 ± 0.37 µg/mL	Selenium, Se	1.000 ± 0.006 µg/mL	Silver, Ag	5.002 ± 0.032 µg/mL
Strontium, Sr	100.0 ± 0.7 µg/mL	Thallium, Tl	5.001 ± 0.028 µg/mL	Vanadium, V	50.01 ± 0.44 µg/mL
Zinc, Zn	50.01 ± 0.32 µg/mL				

Certified Density: 1.006 g/mL (measured at 20 ± 1° C)

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.

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

MATERIAL SAFETY DATA SHEET
TAPITT-MS-ICPMS

Revision Number 3, Revision Date October 08, 2012

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product code TAPITTMS-ICPMS

Product name Multi-element Solution Standard in Dilute Nitric Acid

Common Name Contains: 200 µg/mL ea: Al, Ba; 100 µg/mL ea: B, Fe, Sr; 50 µg/mL ea: Co, Mn, Ni, V, Zn; 25 µg/mL Cu; 20 µg/mL Cr3; 5 µg/mL ea: Ag, Be, Cd, Tl; 4 µg/mL As; 2 µg/mL Pb; 1 µg/mL Se

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	~99.3	N/A	N/A
7697-37-2	Nitric Acid	~0.7	2 ppm TWA	2 ppm TWA; 5 mg/m3 TWA

* 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

Appearance	clear
Colour	yellow tint.
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	~99.3	N/A	N/A
7697-37-2	Nitric Acid	~0.7	Inhalation LC50 Rat: 130 mg/kg/4H	Inhalation LC50 Rat: 130 mg/kg/4H

Product Information

Local effects	
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.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Component Information

CAS	Chemical Name	% Weight	EFAD*	EFFSD*	EMD - Ecotoxicity*
7732-18-5	Water	~99.3	N/A	N/A	N/A
7697-37-2	Nitric Acid	~0.7	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

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300 Technology Drive
Christiansburg, VA 24073 • USA
inorganicventures.com

CERTIFICATE OF ANALYSIS

tel: 800.669.6799 • 540.585.3030
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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.

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CERTIFICATE OF ANALYSIS

tel: 800.669.6799 • 540.585.3030
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info@inorganicventures.com

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: **F2-MEB440138**

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 ± 34 µg/mL	Magnesium, Mg	5,000 ± 33 µg/mL	Potassium, K	5,000 ± 37 µg/mL
Sodium, Na	5,000 ± 34 µg/mL				

Certified Density: 1.071 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#	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.

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: October 08, 2012

Expiration Date: EXPIRES 01 JAN 2014

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

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CERTIFICATE OF ANALYSIS

CH 7/3/2012

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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-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.

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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**
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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

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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.

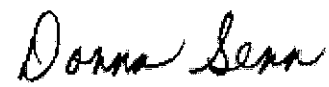
11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: June 21, 2012

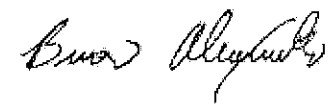
Expiration Date: EXPIRES 01 2013

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.

INORGANIC VENTURES™
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CH · 12-2-12

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2.0 **DESCRIPTION OF CRM** Custom Solution

Catalog No.: TAPITT-MS-C

Lot Number: **F2-MEB427091**

Matrix: 3% HNO3(v/v), tr. HF

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 $(\bar{x}) = \frac{\Sigma x_i}{n}$ ($\bar{x}$) = mean

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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

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: June 21, 2012

Expiration Date: EXPIRES 01 JAN 2014

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

Rcvd 8/28/12 RM

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. : 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)

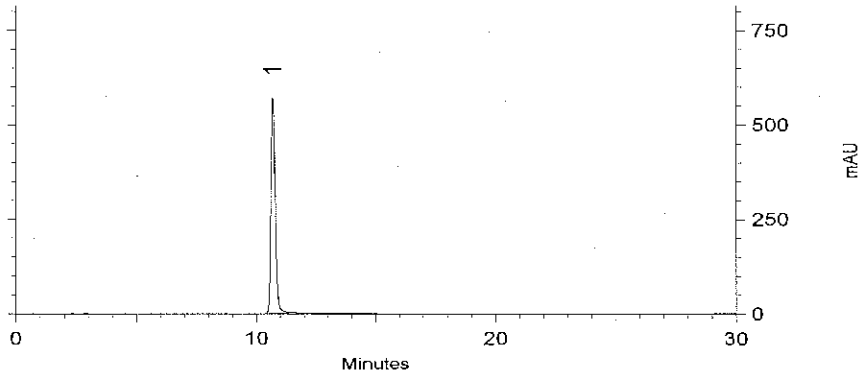
Flow Rate:
1.0 ml/min.

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.

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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)

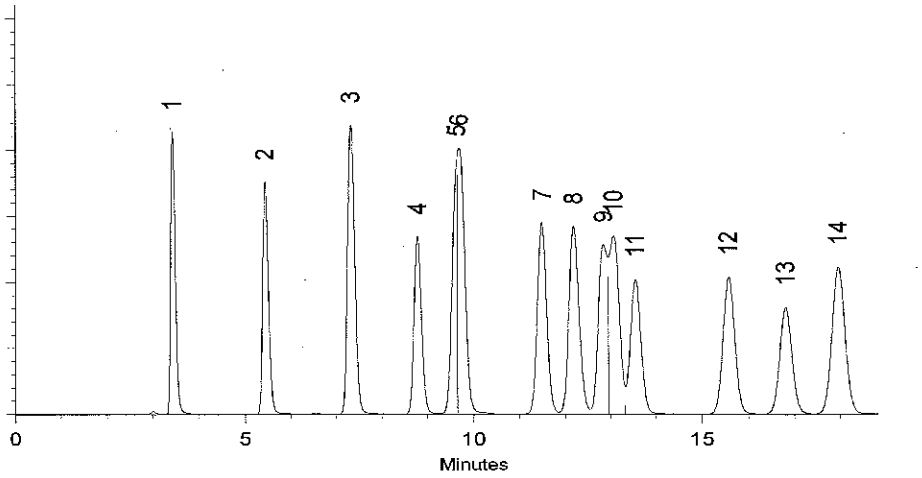
Flow Rate:
1.0 ml/min.

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)

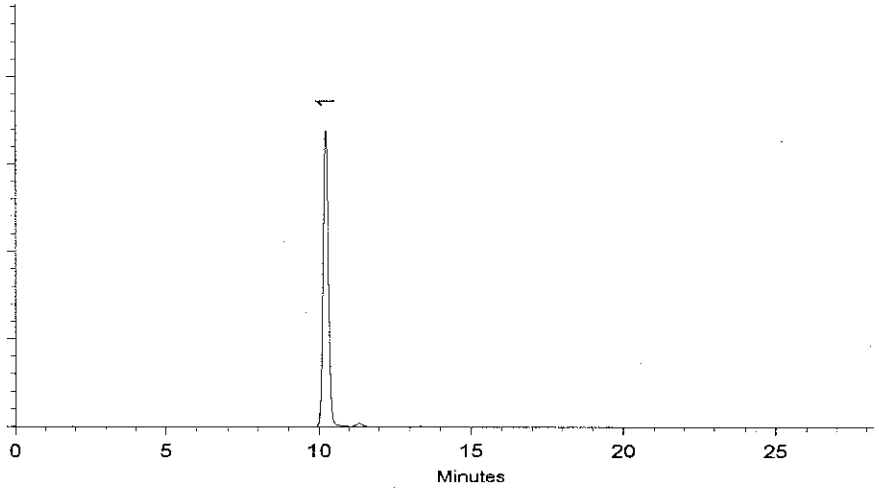
Flow Rate:
1.0 ml/min.

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)

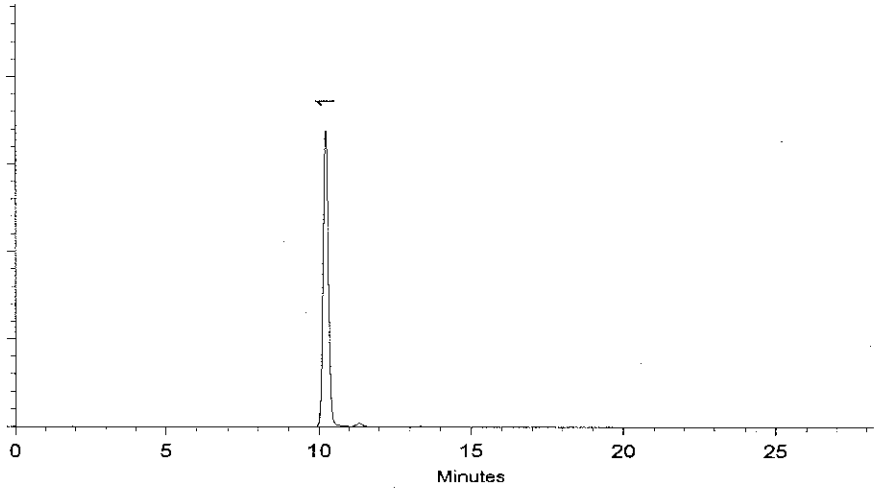
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Rcvd 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.

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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%

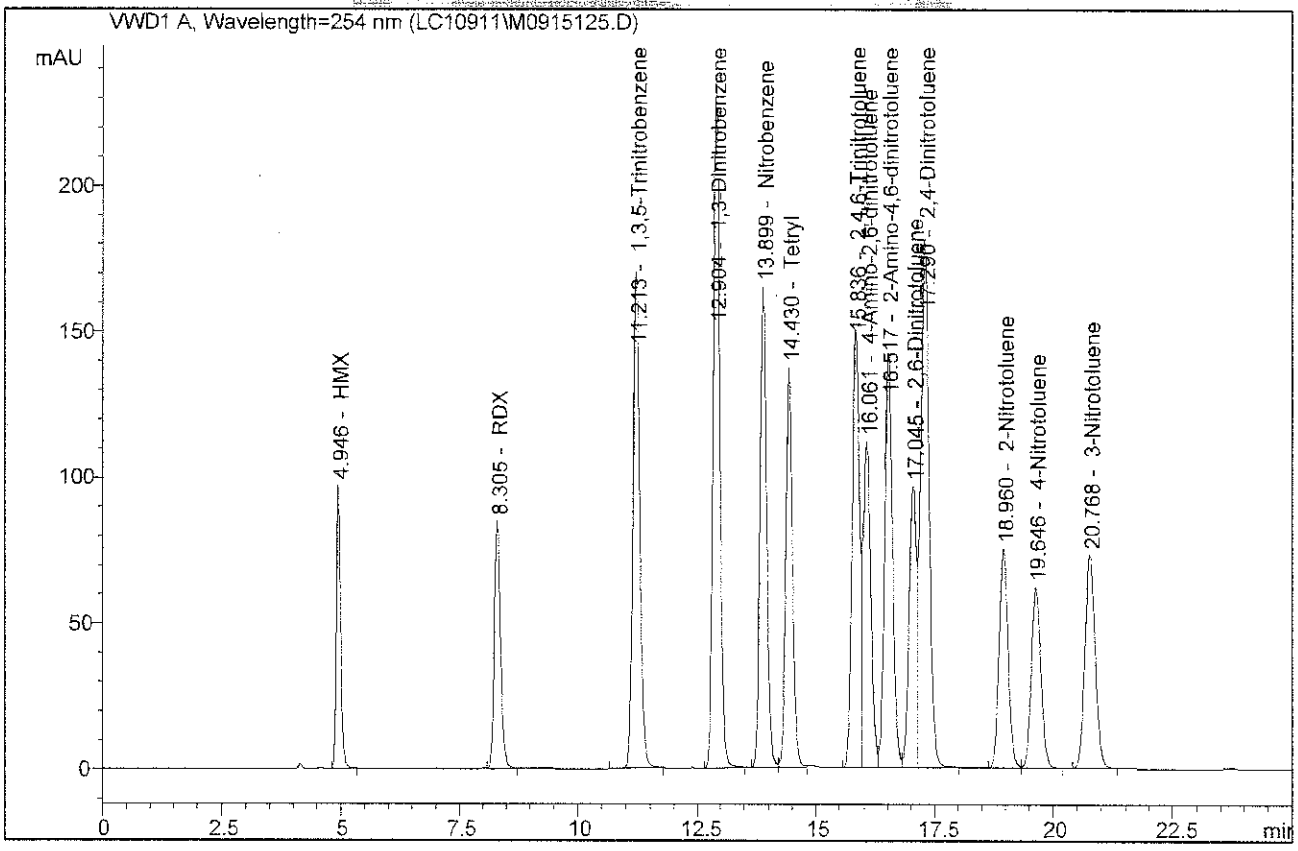
- Concentration is verified through multiple analyses and is calculated as the average of multiple analyses compared to an independently prepared calibration curve.
- Homogeneity is ensured through rigorous production process controls statistically analyzed to evaluate risk and verified by analysis. 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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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 : [5,1] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : 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)

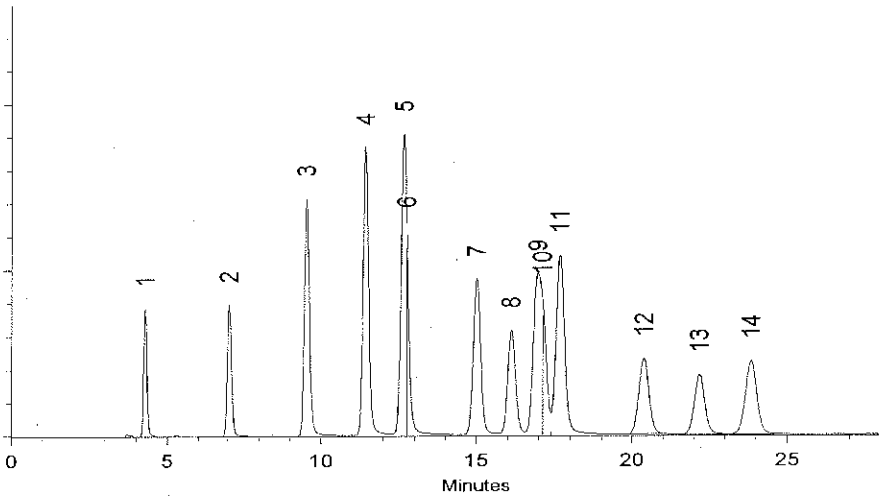
Flow Rate:
1.0 ml/min.

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.

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Note:

Rcvd 3/16/12

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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)

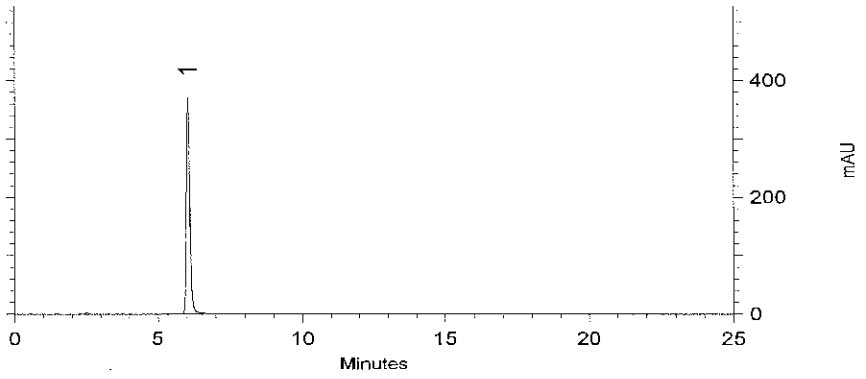
Flow Rate:
1.0 ml/min.

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

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. : 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)

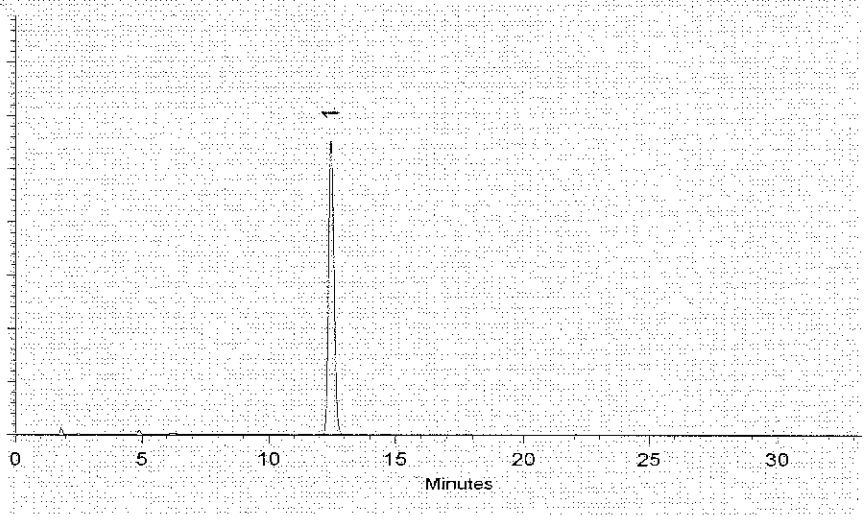
Flow Rate:
1.0 ml/min.

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)

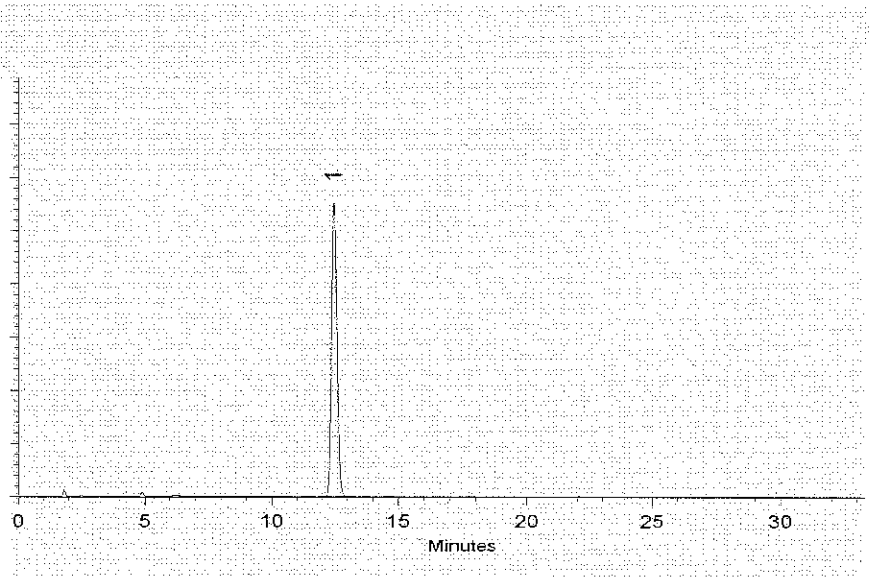
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



HPNGTA-00001

5

10

RESTEK

Certificate of Analysis

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Tel: (800)356-1688
Fax: (814)353-1309

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)

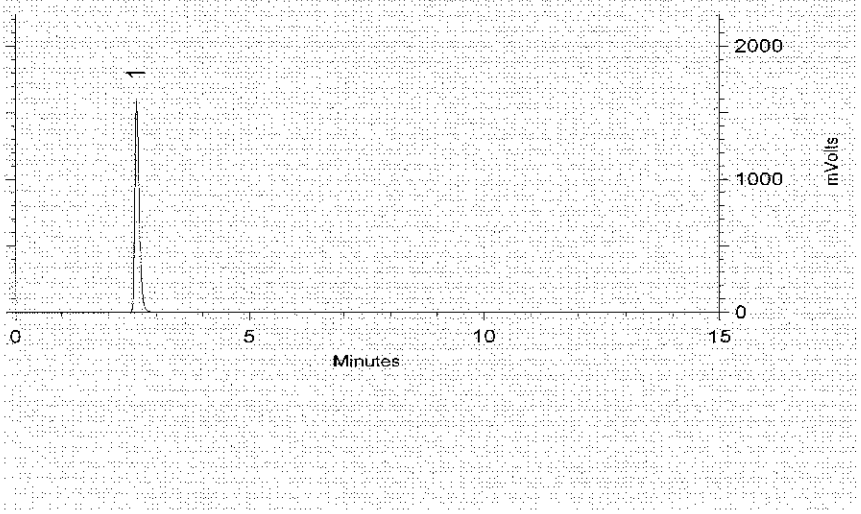
Flow Rate:
1.0 ml/min.

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.

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: 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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Fax: (814)353-1309

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Certificate of Analysis

ACCREDITED
Reference Material Producer
Certificate #3222.01

ilac-MRA

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)

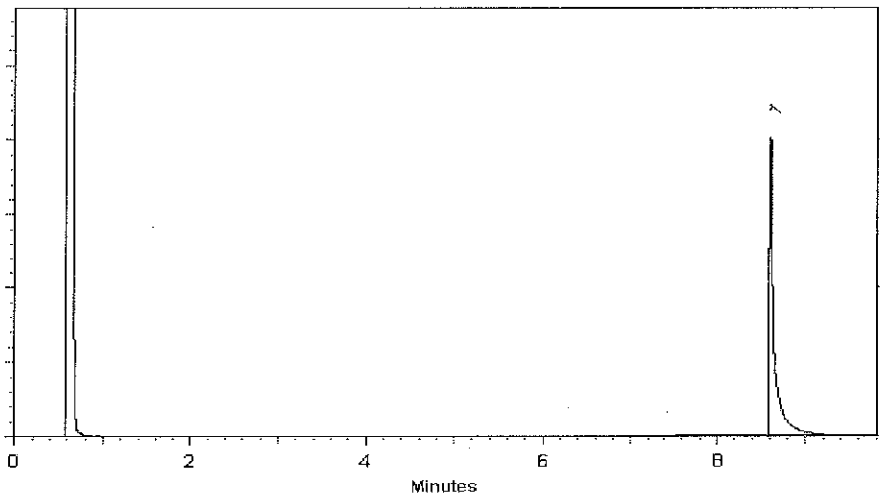
Carrier Gas:
hydrogen-constant flow 11 mL/min

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

RESTEK

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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)

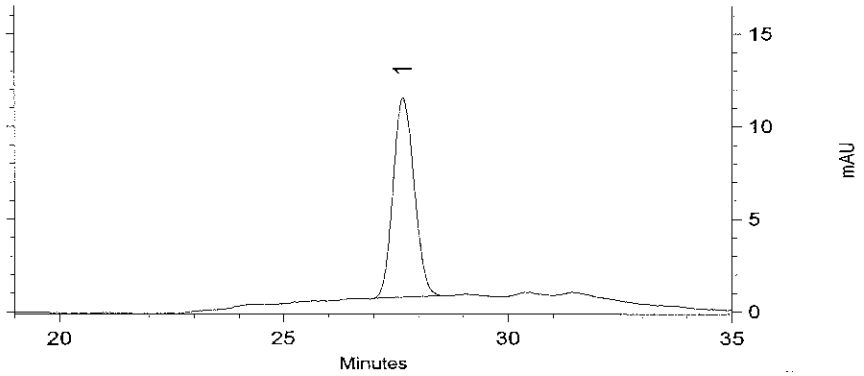
Flow Rate:
1.0 ml/min.

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

RESTEK

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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. : 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)

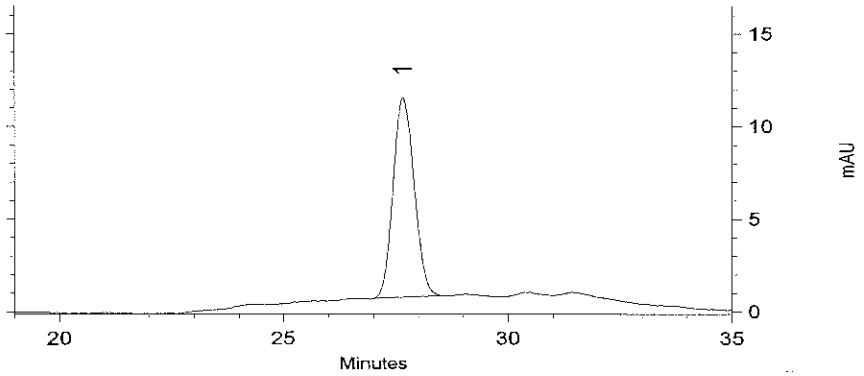
Flow Rate:
1.0 ml/min.

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.

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Certification Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-18703-1

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: 240-18703-1

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	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.: 240-18703-1

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 240-68905/5	98	98	98	100
	MRL 240-68905/33	93	93	94	98
	MRL 240-69093/6	89	81	92	90
	MRL 240-69093/34	92	88	97	96

	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.: 240-18703-1

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-0092-0001-SO	240-18703-1	93	95	90	91	
072SB-0082-0001-SO	240-18703-8	91	91	92	90	
072SB-0083-0001-SO	240-18703-9	90	90	91	91	
072SB-0084-0001-SO	240-18703-10	85	82	91	83	Q
072SB-0085-0001-SO	240-18703-11	97	97	100	100	
072SB-0086-0001-SO	240-18703-12	85	84	96	86	
072SB-0087-0001-SO	240-18703-13	91	93	96	92	
072SB-0088-0001-SO	240-18703-14	92	87	97	85	
072SB-0089-0001-SO	240-18703-15	94	90	98	89	
072SB-0090-0001-SO	240-18703-16	88	90	94	91	
072SB-0091-0001-SO	240-18703-17	89	87	96	85	
072SB-0075-0001-SO	240-18703-18	97	104	94	95	
072SB-0076-0001-SO	240-18703-19	87	86	104	92	
072SB-0077-0001-SO	240-18703-20	93	96	94	95	
072SB-0079-0001-SO	240-18703-21	90	85	107	90	
072SB-0080-0001-SO	240-18703-22	90	94	113	95	
072SB-0081-0001-SO	240-18703-23	94	87	101	88	
	MB 240-68905/7	98	102	98	98	
	MB 240-69093/8	93	88	98	95	
	LCS 240-68905/6	103	103	102	101	
	LCS 240-69093/7	94	87	97	93	

	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.: 240-18703-1

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 240-69591/5	99	88	97	97
	MRL 240-69591/18	98	92	99	101

	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.: 240-18703-1

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 #
076SB-0137-0001-TB	240-18703-2	101	90	94	91
076SB-0138-0001-TB	240-18703-3	102	94	94	91
076SB-0139-0001-TB	240-18703-4	103	92	93	90
076-0140-0001-ER	240-18703-24	98	89	92	90
076-0141-0001-TB	240-18703-25	102	92	95	90
076-0142-0001-TB	240-18703-26	101	92	96	91
	MB 240-69591/6	99	91	95	91
	LCS 240-69591/4	98	90	98	107
076-0140-0001-ER MS	240-18703-24 MS	99	88	100	107
076-0140-0001-ER MSD	240-18703-24 MSD	99	95	99	108

	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.: 240-18703-1

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	#
2-Butanone (MEK)	50.0	49.5	99	30-160	
Acetone	50.0	60.3	121	20-160	
Benzene	25.0	27.7	111	75-125	
Bromoform	25.0	24.2	97	55-135	
1,1-Dichloroethane	25.0	28.3	113	75-125	
Bromomethane	25.0	22.6	91	30-160	
1,2-Dichloroethane	25.0	28.1	112	70-135	
Carbon disulfide	25.0	29.1	116	45-160	
Carbon tetrachloride	25.0	30.7	123	65-135	
1,1-Dichloroethene	25.0	30.6	122	65-135	
Chlorobenzene	25.0	26.2	105	75-125	
1,2-Dichloropropane	25.0	27.6	110	70-120	
Bromodichloromethane	25.0	28.9	116	70-130	
Chloromethane	25.0	26.3	105	50-130	
2-Hexanone	50.0	47.9	96	45-145	
cis-1,3-Dichloropropene	25.0	26.1	104	70-125	
4-Methyl-2-pentanone (MIBK)	50.0	50.2	100	45-145	
Dibromochloromethane	25.0	26.6	107	65-130	
Ethylbenzene	25.0	26.8	107	75-125	
Methyl tert-butyl ether	25.0	27.4	110	70-130	
Methylene Chloride	25.0	30.5	122	55-140	
1,1,2,2-Tetrachloroethane	25.0	26.8	107	55-130	
Styrene	25.0	28.4	114	75-125	
Tetrachloroethene	25.0	25.9	104	65-140	
Toluene	25.0	26.1	105	70-125	
Chloroform	25.0	27.2	109	70-125	
1,1,1-Trichloroethane	25.0	29.9	120	70-135	
Bromochloromethane	25.0	27.1	108	70-125	
1,1,2-Trichloroethane	25.0	26.2	105	60-125	
trans-1,3-Dichloropropene	25.0	23.8	95	65-125	
Trichloroethene	25.0	27.1	108	75-125	
Vinyl chloride	25.0	25.6	102	60-125	
Chloroethane	25.0	26.0	104	40-155	
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 LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82564.D

Lab ID: LCS 240-69093/7 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzene	25.0	25.9	104	75-125	
Ethylbenzene	25.0	25.1	100	75-125	
Methyl tert-butyl ether	25.0	26.0	104	70-130	
Toluene	25.0	24.7	99	70-125	
Xylenes, Total	75.0	78.6	105	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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX1588.D

Lab ID: LCS 240-69591/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
2-Butanone (MEK)	20.0	18.0	90	30-150	
Acetone	20.0	20.6	103	40-140	
Benzene	10.0	9.74	97	80-120	
Bromoform	10.0	8.65	86	70-130	
1,1-Dichloroethane	10.0	9.80	98	70-135	
Bromomethane	10.0	8.59	86	30-145	
1,2-Dichloroethane	10.0	9.38	94	70-130	
Carbon disulfide	10.0	10.2	102	35-160	
Carbon tetrachloride	10.0	9.96	100	65-140	
1,1-Dichloroethene	10.0	9.70	97	70-130	
Chlorobenzene	10.0	9.56	96	80-120	
1,2-Dichloropropane	10.0	9.91	99	75-125	
Bromodichloromethane	10.0	9.81	98	75-120	
Chloromethane	10.0	8.62	86	40-125	
2-Hexanone	20.0	17.6	88	55-130	
cis-1,3-Dichloropropene	10.0	9.52	95	70-130	
4-Methyl-2-pentanone (MIBK)	20.0	19.8	99	60-135	
Dibromochloromethane	10.0	9.25	92	60-135	
Ethylbenzene	10.0	9.95	100	75-125	
Methyl tert-butyl ether	10.0	9.55	96	65-125	
Methylene Chloride	10.0	9.92	99	55-140	
1,1,2,2-Tetrachloroethane	10.0	8.20	82	65-130	
Styrene	10.0	10.1	101	65-135	
Tetrachloroethene	10.0	9.89	99	45-150	
Toluene	10.0	9.48	95	75-120	
Chloroform	10.0	9.19	92	65-135	
1,1,1-Trichloroethane	10.0	9.73	97	65-130	
Bromochloromethane	10.0	9.74	97	65-130	
1,1,2-Trichloroethane	10.0	9.41	94	75-125	
trans-1,3-Dichloropropene	10.0	8.78	88	55-140	
Trichloroethene	10.0	10.2	102	70-125	
Vinyl chloride	10.0	8.84	88	50-145	
Chloroethane	10.0	9.33	93	60-135	
Xylenes, Total	30.0	30.2	101	75-130	

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.: 240-18703-1

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	#
2-Butanone (MEK)	0.0100	0.00944 J	94	70-130	
Acetone	0.0100	0.00786 J	79	70-130	
Benzene	0.00500	0.00565	113	70-130	
Bromoform	0.00500	0.00458	92	70-130	
1,1-Dichloroethane	0.00500	0.00540	108	70-130	
Bromomethane	0.00500	0.00534	107	70-130	
1,2-Dichloroethane	0.00500	0.00574	115	70-130	
Carbon disulfide	0.00500	0.00531	106	70-130	
Carbon tetrachloride	0.00500	0.00578	116	70-130	
1,1-Dichloroethene	0.00500	0.00576	115	70-130	
Chlorobenzene	0.00500	0.00571	114	70-130	
1,2-Dichloropropane	0.00500	0.00545	109	70-130	
Bromodichloromethane	0.00500	0.00555	111	70-130	
Chloromethane	0.00500	0.00541	108	70-130	
2-Hexanone	0.0100	0.00682 J	68	70-130	^
cis-1,3-Dichloropropene	0.00500	0.00470	94	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00726 J	73	70-130	
Dibromochloromethane	0.00500	0.00457	91	70-130	
Ethylbenzene	0.00500	0.00556	111	70-130	
Methyl tert-butyl ether	0.00500	0.00505	101	70-130	
Methylene Chloride	0.00500	0.00619	124	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00532	106	70-130	
Styrene	0.00500	0.00539	108	70-130	
Tetrachloroethene	0.00500	0.00581	116	70-130	
Toluene	0.00500	0.00559	112	70-130	
Chloroform	0.00500	0.00559	112	70-130	
1,1,1-Trichloroethane	0.00500	0.00597	119	70-130	
Bromochloromethane	0.00500	0.00560	112	70-130	
1,1,2-Trichloroethane	0.00500	0.00519	104	70-130	
trans-1,3-Dichloropropene	0.00500	0.00457	91	70-130	
Trichloroethene	0.00500	0.00544	109	70-130	
Vinyl chloride	0.00500	0.00537	107	70-130	
Chloroethane	0.00500	0.00498	100	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.: 240-18703-1

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	#
2-Butanone (MEK)	0.0100	0.0105	105	70-130	
Acetone	0.0100	0.00927 J	93	70-130	
Benzene	0.00500	0.00535	107	70-130	
Bromoform	0.00500	0.00430	86	70-130	
1,1-Dichloroethane	0.00500	0.00547	109	70-130	
Bromomethane	0.00500	0.00601	120	70-130	
1,2-Dichloroethane	0.00500	0.00571	114	70-130	
Carbon disulfide	0.00500	0.00459	92	70-130	
Carbon tetrachloride	0.00500	0.00475	95	70-130	
1,1-Dichloroethene	0.00500	0.00506	101	70-130	
Chlorobenzene	0.00500	0.00546	109	70-130	
1,2-Dichloropropane	0.00500	0.00543	109	70-130	
Bromodichloromethane	0.00500	0.00491	98	70-130	
Chloromethane	0.00500	0.00535	107	70-130	
2-Hexanone	0.0100	0.00961 J	96	70-130	
cis-1,3-Dichloropropene	0.00500	0.00453	91	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00997 J	100	70-130	
Dibromochloromethane	0.00500	0.00426	85	70-130	
Ethylbenzene	0.00500	0.00518	104	70-130	
Methyl tert-butyl ether	0.00500	0.00525	105	70-130	
Methylene Chloride	0.00500	0.00675	135	70-130	^
1,1,2,2-Tetrachloroethane	0.00500	0.00535	107	70-130	
Styrene	0.00500	0.00531	106	70-130	
Tetrachloroethene	0.00500	0.00505	101	70-130	
Toluene	0.00500	0.00530	106	70-130	
Chloroform	0.00500	0.00541	108	70-130	
1,1,1-Trichloroethane	0.00500	0.00505	101	70-130	
Bromochloromethane	0.00500	0.00534	107	70-130	
1,1,2-Trichloroethane	0.00500	0.00516	103	70-130	
trans-1,3-Dichloropropene	0.00500	0.00455	91	70-130	
Trichloroethene	0.00500	0.00551	110	70-130	
Vinyl chloride	0.00500	0.00492	98	70-130	
Chloroethane	0.00500	0.00580	116	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 METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82563.D

Lab ID: MRL 240-69093/6 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Benzene	0.00500	0.00504	101	70-130	
Ethylbenzene	0.00500	0.00483	97	70-130	
Methyl tert-butyl ether	0.00500	0.00456	91	70-130	
Toluene	0.00500	0.00490	98	70-130	
Xylenes, Total	0.0150	0.0149	99	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: UX82591.D

Lab ID: MRL 240-69093/34 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Benzene	0.00500	0.00544	109	70-130	
Ethylbenzene	0.00500	0.00533	107	70-130	
Methyl tert-butyl ether	0.00500	0.00503	101	70-130	
Toluene	0.00500	0.00552	110	70-130	
Xylenes, Total	0.0150	0.0163	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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX1589.D

Lab ID: MRL 240-69591/5 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.00922 J	92	70-130	
Acetone	0.0100	0.00910 J	91	70-130	
Benzene	0.00100	0.000979 J	98	70-130	
Bromoform	0.00100	0.000679 J	68	70-130	^
1,1-Dichloroethane	0.00100	0.000865 J	86	70-130	
Bromomethane	0.00100	0.00103	103	70-130	
1,2-Dichloroethane	0.00100	0.000901 J	90	70-130	
Carbon disulfide	0.00100	0.00102	102	70-130	
Carbon tetrachloride	0.00100	0.000896 J	90	70-130	
1,1-Dichloroethene	0.00100	0.000938 J	94	70-130	
Chlorobenzene	0.00100	0.000910 J	91	70-130	
1,2-Dichloropropane	0.00100	0.000908 J	91	70-130	
Bromodichloromethane	0.00100	0.000865 J	86	70-130	
Chloromethane	0.00100	0.000961 J	96	70-130	
2-Hexanone	0.0100	0.00828 J	83	70-130	
cis-1,3-Dichloropropene	0.00100	0.000779 J	78	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00899 J	90	70-130	
Dibromochloromethane	0.00100	0.000754 J	75	70-130	
Ethylbenzene	0.00100	0.000799 J	80	70-130	
Methyl tert-butyl ether	0.00100	0.000889 J	89	70-130	
Methylene Chloride	0.00100	0.00105	105	70-130	
1,1,2,2-Tetrachloroethane	0.00100	0.000928 J	93	70-130	
Styrene	0.00100	0.000737 J	74	70-130	
Tetrachloroethene	0.00100	0.000980 J	98	70-130	
Toluene	0.00100	0.000959 J	96	70-130	
Chloroform	0.00100	0.000918 J	92	70-130	
1,1,1-Trichloroethane	0.00100	0.000965 J	97	70-130	
Bromochloromethane	0.00100	0.000922 J	92	70-130	
1,1,2-Trichloroethane	0.00100	0.000894 J	89	70-130	
trans-1,3-Dichloropropene	0.00100	0.000696 J	70	70-130	
Trichloroethene	0.00100	0.000960 J	96	70-130	
Vinyl chloride	0.00100	0.000959 J	96	70-130	
Chloroethane	0.00100	0.000981 J	98	70-130	
Xylenes, Total	0.00300	0.00253	84	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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX1602.D

Lab ID: MRL 240-69591/18 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.00903 J	90	70-130	
Acetone	0.0100	0.00944 J	94	70-130	
Benzene	0.00100	0.00101	101	70-130	
Bromoform	0.00100	0.000816 J	82	70-130	
1,1-Dichloroethane	0.00100	0.000967 J	97	70-130	
Bromomethane	0.00100	0.00119	119	70-130	
1,2-Dichloroethane	0.00100	0.00101	101	70-130	
Carbon disulfide	0.00100	0.00103	103	70-130	
Carbon tetrachloride	0.00100	0.000881 J	88	70-130	
1,1-Dichloroethene	0.00100	0.000977 J	98	70-130	
Chlorobenzene	0.00100	0.000975 J	98	70-130	
1,2-Dichloropropane	0.00100	0.000992 J	99	70-130	
Bromodichloromethane	0.00100	0.000940 J	94	70-130	
Chloromethane	0.00100	0.00109	109	70-130	
2-Hexanone	0.0100	0.00856 J	86	70-130	
cis-1,3-Dichloropropene	0.00100	0.000806 J	81	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00853 J	85	70-130	
Dibromochloromethane	0.00100	0.000871 J	87	70-130	
Ethylbenzene	0.00100	0.000912 J	91	70-130	
Methyl tert-butyl ether	0.00100	0.000923 J	92	70-130	
Methylene Chloride	0.00100	0.000617 J	62	70-130	^
1,1,2,2-Tetrachloroethane	0.00100	0.000914 J	91	70-130	
Styrene	0.00100	0.000787 J	79	70-130	
Tetrachloroethene	0.00100	0.000921 J	92	70-130	
Toluene	0.00100	0.00100	100	70-130	
Chloroform	0.00100	0.000952 J	95	70-130	
1,1,1-Trichloroethane	0.00100	0.000975 J	98	70-130	
Bromochloromethane	0.00100	0.00106	106	70-130	
1,1,2-Trichloroethane	0.00100	0.000955 J	96	70-130	
trans-1,3-Dichloropropene	0.00100	0.000735 J	74	70-130	
Trichloroethene	0.00100	0.00104	104	70-130	
Vinyl chloride	0.00100	0.00107	107	70-130	
Chloroethane	0.00100	0.00118	118	70-130	
Xylenes, Total	0.00300	0.00250	83	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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX1600.D

Lab ID: 240-18703-24 MS Client ID: 076-0140-0001-ER MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
2-Butanone (MEK)	20.0	0.57 U	17.3	87	30-150	
Acetone	20.0	1.1 U	16.7	83	40-140	
Benzene	10.0	0.25 U	9.80	98	80-120	
Bromoform	10.0	0.64 U	9.03	90	70-130	
1,1-Dichloroethane	10.0	0.25 U	9.66	97	70-135	
Bromomethane	10.0	0.50 U	8.78	88	30-145	
1,2-Dichloroethane	10.0	0.25 U	9.40	94	70-130	
Carbon disulfide	10.0	0.25 U	10.2	102	35-160	
Carbon tetrachloride	10.0	0.25 U	9.45	95	65-140	
1,1-Dichloroethene	10.0	0.25 U	9.80	98	70-130	
Chlorobenzene	10.0	0.25 U	9.57	96	80-120	
1,2-Dichloropropane	10.0	0.25 U	10.0	100	75-125	
Bromodichloromethane	10.0	0.25 U	9.79	98	75-120	
Chloromethane	10.0	0.50 U	8.94	89	40-125	
2-Hexanone	20.0	0.50 U	17.0	85	55-130	
cis-1,3-Dichloropropene	10.0	0.25 U	8.62	86	70-130	
4-Methyl-2-pentanone (MIBK)	20.0	0.50 U	18.1	90	60-135	
Dibromochloromethane	10.0	0.25 U	9.20	92	60-135	
Ethylbenzene	10.0	0.25 U	9.92	99	75-125	
Methyl tert-butyl ether	10.0	0.25 U	9.31	93	65-125	
Methylene Chloride	10.0	0.50 U	9.24	92	55-140	
1,1,2,2-Tetrachloroethane	10.0	0.25 U	8.29	83	65-130	
Styrene	10.0	0.25 U	10.4	104	65-135	
Tetrachloroethene	10.0	0.50 U	9.65	97	45-150	
Toluene	10.0	0.25 U	9.46	95	75-120	
Chloroform	10.0	0.58 J	9.89	93	65-135	
1,1,1-Trichloroethane	10.0	0.25 U	9.67	97	65-130	
Bromochloromethane	10.0	0.50 U	9.60	96	65-130	
1,1,2-Trichloroethane	10.0	0.50 U	9.45	95	75-125	
trans-1,3-Dichloropropene	10.0	0.25 U	8.59	86	55-140	
Trichloroethene	10.0	0.25 U	9.88	99	70-125	
Vinyl chloride	10.0	0.25 U	8.97	90	50-145	
Chloroethane	10.0	0.50 U	9.53	95	60-135	
Xylenes, Total	30.0	0.75 U	30.6	102	75-130	

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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX1601.D

Lab ID: 240-18703-24 MSD Client ID: 076-0140-0001-ER MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
2-Butanone (MEK)	20.0	18.2	91	5	30	30-150	
Acetone	20.0	17.0	85	2	30	40-140	
Benzene	10.0	9.83	98	0	30	80-120	
Bromoform	10.0	9.13	91	1	30	70-130	
1,1-Dichloroethane	10.0	9.67	97	0	30	70-135	
Bromomethane	10.0	8.58	86	2	30	30-145	
1,2-Dichloroethane	10.0	9.54	95	1	30	70-130	
Carbon disulfide	10.0	10.1	101	1	30	35-160	
Carbon tetrachloride	10.0	9.69	97	2	30	65-140	
1,1-Dichloroethene	10.0	10.0	100	2	30	70-130	
Chlorobenzene	10.0	9.61	96	0	30	80-120	
1,2-Dichloropropane	10.0	9.87	99	1	30	75-125	
Bromodichloromethane	10.0	9.76	98	0	30	75-120	
Chloromethane	10.0	9.11	91	2	30	40-125	
2-Hexanone	20.0	18.0	90	6	30	55-130	
cis-1,3-Dichloropropene	10.0	8.96	90	4	30	70-130	
4-Methyl-2-pentanone (MIBK)	20.0	18.5	93	2	30	60-135	
Dibromochloromethane	10.0	9.26	93	1	30	60-135	
Ethylbenzene	10.0	10.0	100	1	30	75-125	
Methyl tert-butyl ether	10.0	9.54	95	2	50	65-125	
Methylene Chloride	10.0	8.87	89	4	30	55-140	
1,1,2,2-Tetrachloroethane	10.0	8.33	83	1	30	65-130	
Styrene	10.0	10.3	103	1	30	65-135	
Tetrachloroethene	10.0	9.87	99	2	30	45-150	
Toluene	10.0	9.53	95	1	30	75-120	
Chloroform	10.0	9.74	92	2	30	65-135	
1,1,1-Trichloroethane	10.0	9.53	95	2	30	65-130	
Bromochloromethane	10.0	9.63	96	0	30	65-130	
1,1,2-Trichloroethane	10.0	9.65	96	2	30	75-125	
trans-1,3-Dichloropropene	10.0	9.00	90	5	30	55-140	
Trichloroethene	10.0	10.2	102	3	30	70-125	
Vinyl chloride	10.0	8.99	90	0	30	50-145	
Chloroethane	10.0	9.14	91	4	30	60-135	
Xylenes, Total	30.0	30.5	102	0	30	75-130	

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.: 240-18703-1

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-0075-0001-SO	240-18703-18	UX82533.D	12/17/2012 02:03
072SB-0082-0001-SO	240-18703-8	UX82556.D	12/17/2012 10:12

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab File ID: UX82565.D Lab Sample ID: MB 240-69093/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX8 Date Analyzed: 12/18/2012 00:37

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 240-69093/7	UX82564.D	12/18/2012 00:15
072SB-0092-0001-SO	240-18703-1	UX82566.D	12/18/2012 01:10
072SB-0083-0001-SO	240-18703-9	UX82567.D	12/18/2012 01:31
072SB-0084-0001-SO	240-18703-10	UX82568.D	12/18/2012 01:52
072SB-0085-0001-SO	240-18703-11	UX82569.D	12/18/2012 02:14
072SB-0086-0001-SO	240-18703-12	UX82570.D	12/18/2012 02:35
072SB-0088-0001-SO	240-18703-14	UX82572.D	12/18/2012 03:18
072SB-0090-0001-SO	240-18703-16	UX82574.D	12/18/2012 04:00
072SB-0091-0001-SO	240-18703-17	UX82575.D	12/18/2012 04:21
072SB-0077-0001-SO	240-18703-20	UX82577.D	12/18/2012 05:04
072SB-0079-0001-SO	240-18703-21	UX82578.D	12/18/2012 05:25
072SB-0080-0001-SO	240-18703-22	UX82579.D	12/18/2012 05:46
072SB-0081-0001-SO	240-18703-23	UX82580.D	12/18/2012 06:08
072SB-0087-0001-SO	240-18703-13	UX82582.D	12/18/2012 06:50
072SB-0089-0001-SO	240-18703-15	UX82583.D	12/18/2012 07:11
072SB-0076-0001-SO	240-18703-19	UX82586.D	12/18/2012 08:15

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab File ID: UXX1590.D Lab Sample ID: MB 240-69591/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A3UX10 Date Analyzed: 12/20/2012 13:05

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 240-69591/4	UXX1588.D	12/20/2012 12:21
076-0140-0001-ER	240-18703-24	UXX1591.D	12/20/2012 13:42
076SB-0137-0001-TB	240-18703-2	UXX1594.D	12/20/2012 14:47
076SB-0138-0001-TB	240-18703-3	UXX1595.D	12/20/2012 15:09
076SB-0139-0001-TB	240-18703-4	UXX1596.D	12/20/2012 15:31
076-0141-0001-TB	240-18703-25	UXX1597.D	12/20/2012 15:53
076-0142-0001-TB	240-18703-26	UXX1598.D	12/20/2012 16:15
076-0140-0001-ER MS	240-18703-24 MS	UXX1600.D	12/20/2012 16:58
076-0140-0001-ER MSD	240-18703-24 MSD	UXX1601.D	12/20/2012 17:20

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab File ID: BFB5078.D BFB Injection Date: 12/14/2012

Instrument ID: A3UX10 BFB Injection Time: 15:04

Analysis Batch No.: 68811

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.0	
75	30.0 - 60.0 % of mass 95	46.9	
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	0.3	(0.3)1
174	50.0 - 120.00 % of mass 95	90.7	
175	5.0 - 9.0 % of mass 174	6.4	(7.1)1
176	95.0 - 101.0 % of mass 174	86.4	(95.2)1
177	5.0 - 9.0 % of mass 176	6.1	(7.0)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 240-68811/2	UXX1400.D	12/14/2012	15:32
	STD8260 240-68811/3	UXX1401.D	12/14/2012	15:53
	STD8260 240-68811/4	UXX1402.D	12/14/2012	16:15
	STD8260 240-68811/5	UXX1403.D	12/14/2012	16:36
	STD8260 240-68811/6	UXX1404.D	12/14/2012	16:57
	STD8260 240-68811/7	UXX1405.D	12/14/2012	17:19
	ICV 240-68811/14	UXX1412.D	12/14/2012	19:48

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab File ID: BFB5089.D BFB Injection Date: 12/20/2012

Instrument ID: A3UX10 BFB Injection Time: 10:51

Analysis Batch No.: 69591

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.7	
75	30.0 - 60.0 % of mass 95	46.9	
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	0.5	(0.6)1
174	50.0 - 120.00 % of mass 95	88.8	
175	5.0 - 9.0 % of mass 174	6.3	(7.1)1
176	95.0 - 101.0 % of mass 174	87.3	(98.3)1
177	5.0 - 9.0 % of mass 176	6.2	(7.1)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 240-69591/2	UXX1587.D	12/20/2012	11:59
	LCS 240-69591/4	UXX1588.D	12/20/2012	12:21
	MRL 240-69591/5	UXX1589.D	12/20/2012	12:43
	MB 240-69591/6	UXX1590.D	12/20/2012	13:05
076-0140-0001-ER	240-18703-24	UXX1591.D	12/20/2012	13:42
076SB-0137-0001-TB	240-18703-2	UXX1594.D	12/20/2012	14:47
076SB-0138-0001-TB	240-18703-3	UXX1595.D	12/20/2012	15:09
076SB-0139-0001-TB	240-18703-4	UXX1596.D	12/20/2012	15:31
076-0141-0001-TB	240-18703-25	UXX1597.D	12/20/2012	15:53
076-0142-0001-TB	240-18703-26	UXX1598.D	12/20/2012	16:15
076-0140-0001-ER MS	240-18703-24 MS	UXX1600.D	12/20/2012	16:58
076-0140-0001-ER MSD	240-18703-24 MSD	UXX1601.D	12/20/2012	17:20
	MRL 240-69591/18	UXX1602.D	12/20/2012	17:42
	LODV 240-69591/19	UXX1603.D	12/20/2012	18:04

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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
	ICV 240-68830/12	UX82465.D	12/15/2012	00:50

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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-0075-0001-SO	240-18703-18	UX82533.D	12/17/2012	02:03
072SB-0082-0001-SO	240-18703-8	UX82556.D	12/17/2012	10:12
	MRL 240-68905/33	UX82557.D	12/17/2012	10:34

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab File ID: BFB8158.D BFB Injection Date: 12/17/2012

Instrument ID: A3UX8 BFB Injection Time: 22:30

Analysis Batch No.: 69093

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	27.9	
75	30.0 - 60.0 % of mass 95	46.6	
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	0.6	(0.7)1
174	50.0 - 120.00 % of mass 95	87.2	
175	5.0 - 9.0 % of mass 174	6.5	(7.5)1
176	95.0 - 101.0 % of mass 174	84.2	(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 240-69093/4	UX82561.D	12/17/2012	23:11
	CCV 240-69093/5	UX82562.D	12/17/2012	23:33
	MRL 240-69093/6	UX82563.D	12/17/2012	23:54
	LCS 240-69093/7	UX82564.D	12/18/2012	00:15
	MB 240-69093/8	UX82565.D	12/18/2012	00:37
072SB-0092-0001-SO	240-18703-1	UX82566.D	12/18/2012	01:10
072SB-0083-0001-SO	240-18703-9	UX82567.D	12/18/2012	01:31
072SB-0084-0001-SO	240-18703-10	UX82568.D	12/18/2012	01:52
072SB-0085-0001-SO	240-18703-11	UX82569.D	12/18/2012	02:14
072SB-0086-0001-SO	240-18703-12	UX82570.D	12/18/2012	02:35
072SB-0088-0001-SO	240-18703-14	UX82572.D	12/18/2012	03:18
072SB-0090-0001-SO	240-18703-16	UX82574.D	12/18/2012	04:00
072SB-0091-0001-SO	240-18703-17	UX82575.D	12/18/2012	04:21
072SB-0077-0001-SO	240-18703-20	UX82577.D	12/18/2012	05:04
072SB-0079-0001-SO	240-18703-21	UX82578.D	12/18/2012	05:25
072SB-0080-0001-SO	240-18703-22	UX82579.D	12/18/2012	05:46
072SB-0081-0001-SO	240-18703-23	UX82580.D	12/18/2012	06:08
072SB-0087-0001-SO	240-18703-13	UX82582.D	12/18/2012	06:50
072SB-0089-0001-SO	240-18703-15	UX82583.D	12/18/2012	07:11
072SB-0076-0001-SO	240-18703-19	UX82586.D	12/18/2012	08:15
	MRL 240-69093/34	UX82591.D	12/18/2012	10:01

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Sample No.: STD8260 240-68811/4 Date Analyzed: 12/14/2012 16:15

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXX1402.D Heated Purge: (Y/N) N

Calibration ID: 12853

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1972714	5.20	1372066	7.88	826025	10.13
UPPER LIMIT		3945428	5.70	2744132	8.38	1652050	10.63
LOWER LIMIT		986357	4.70	686033	7.38	413013	9.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-68811/14		1915294	5.20	1350521	7.88	869619	10.13
CCV 240-69591/2		2109455	5.21	1518089	7.88	980489	10.13
LCS 240-69591/4		2174437	5.21	1587263	7.88	1025898	10.13
MRL 240-69591/5		2138012	5.22	1551915	7.88	954861	10.13
MB 240-69591/6		2063755	5.22	1478307	7.89	841736	10.13
240-18703-24	076-0140-0001-ER	2089140	5.22	1471024	7.89	847559	10.13
240-18703-2	076SB-0137-0001-TB	2036398	5.21	1416147	7.88	820185	10.13
240-18703-3	076SB-0138-0001-TB	2056127	5.21	1452797	7.88	860978	10.13
240-18703-4	076SB-0139-0001-TB	1983816	5.22	1421047	7.89	823900	10.13
240-18703-25	076-0141-0001-TB	1980994	5.21	1410659	7.88	801791	10.13
240-18703-26	076-0142-0001-TB	1993184	5.21	1384059	7.88	808423	10.13
240-18703-24 MS	076-0140-0001-ER MS	2087736	5.21	1457645	7.88	980401	10.13
240-18703-24 MSD	076-0140-0001-ER MSD	2153985	5.21	1529246	7.88	1009734	10.13
MRL 240-69591/18		2120462	5.22	1482662	7.89	945938	10.13
LODV 240-69591/19		2011895	5.22	1436313	7.88	896548	10.13

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.: 240-18703-1

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						
ICV 240-68830/12		1642552	5.16	1158331	7.68	577663	9.88
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
240-18703-18	072SB-0075-0001-SO	1499737	5.16	1074115	7.69	533293	9.88
240-18703-8	072SB-0082-0001-SO	1523600	5.16	1067383	7.68	476073	9.88
MRL 240-68905/33		1488713	5.16	1068309	7.69	549866	9.88
CCV 240-69093/4		1540341	5.16	1097119	7.69	569735	9.88
CCV 240-69093/5		1523491	5.16	1091194	7.69	531015	9.88
MRL 240-69093/6		1602513	5.16	1123179	7.69	563576	9.88
LCS 240-69093/7		1618021	5.16	1127653	7.69	566829	9.88
MB 240-69093/8		1509089	5.16	1060338	7.68	518391	9.88
240-18703-1	072SB-0092-0001-SO	1561487	5.16	1118861	7.69	556538	9.88
240-18703-9	072SB-0083-0001-SO	1587613	5.16	1127000	7.69	564216	9.88
240-18703-10	072SB-0084-0001-SO	1535357	5.16	1064164	7.68	482790	9.88
240-18703-11	072SB-0085-0001-SO	1503867	5.16	1060217	7.69	532216	9.88
240-18703-12	072SB-0086-0001-SO	1558184	5.16	1066907	7.69	479583	9.88
240-18703-14	072SB-0088-0001-SO	1530468	5.16	1044334	7.69	456208	9.87
240-18703-16	072SB-0090-0001-SO	1542444	5.16	1083556	7.69	537073	9.88
240-18703-17	072SB-0091-0001-SO	1458607	5.16	1000484	7.69	432751	9.88
240-18703-20	072SB-0077-0001-SO	1503101	5.16	1070107	7.69	535089	9.88
240-18703-21	072SB-0079-0001-SO	1515844	5.16	1033778	7.69	470355	9.87
240-18703-22	072SB-0080-0001-SO	1523661	5.16	1077868	7.69	540895	9.88
240-18703-23	072SB-0081-0001-SO	1466825	5.16	994429	7.68	422782	9.88
240-18703-13	072SB-0087-0001-SO	1512360	5.16	1054045	7.69	507432	9.87
240-18703-15	072SB-0089-0001-SO	1475520	5.16	1036833	7.69	466598	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.: 240-18703-1

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						
240-18703-19	072SB-0076-0001-SO	1510054	5.16	1056173	7.68	503457	9.88
MRL 240-69093/34		1522272	5.16	1073175	7.69	554641	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0092-0001-SO | Lab Sample ID: 240-18703-1

Matrix: Solid | Lab File ID: UX82566.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 12:37

Sample wt/vol: 6.844(g) | Date Analyzed: 12/18/2012 01:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.8 | Level: (low/med) Low

Analysis Batch No.: 69093 | 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	3.1	J	4.2	0.42	0.23
1330-20-7	Xylenes, Total	1.3	U	8.4	1.3	0.56

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)	95		61-130
2037-26-5	Toluene-d8 (Surr)	90		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82566.D
Lims ID: 240-18703-B-1-A Client ID: 072SB-0092-0001-SO
Inject. Date: 18-Dec-2012 01:10:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015937-009
Misc. Info.: M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 7
Lims Batch ID: 69093 Lims Sample ID: 9
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m
Last Update: 22-Dec-2012 01:45:29 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: XAWRK020

First Level Reviewer: latat Date: 18-Dec-2012 02:08:34

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.156	-0.001	100	1561487	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.687	0.0	90	1118861	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.875	0.0	99	556538	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.623	0.0	59	365080	46.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.895	4.895	0.0	92	464226	47.4	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	94	1283562	45.1	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	92	447377	45.5	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78		4.955					
72 Toluene	91	6.480	6.481	0.0	91	103295	3.73	
84 Ethylbenzene	106		7.805					9
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	1	957	0.0835	7
85 o-Xylene	106		8.278					
S 114 Xylenes, Total	106				0		0.0835	

QC Flag Legend

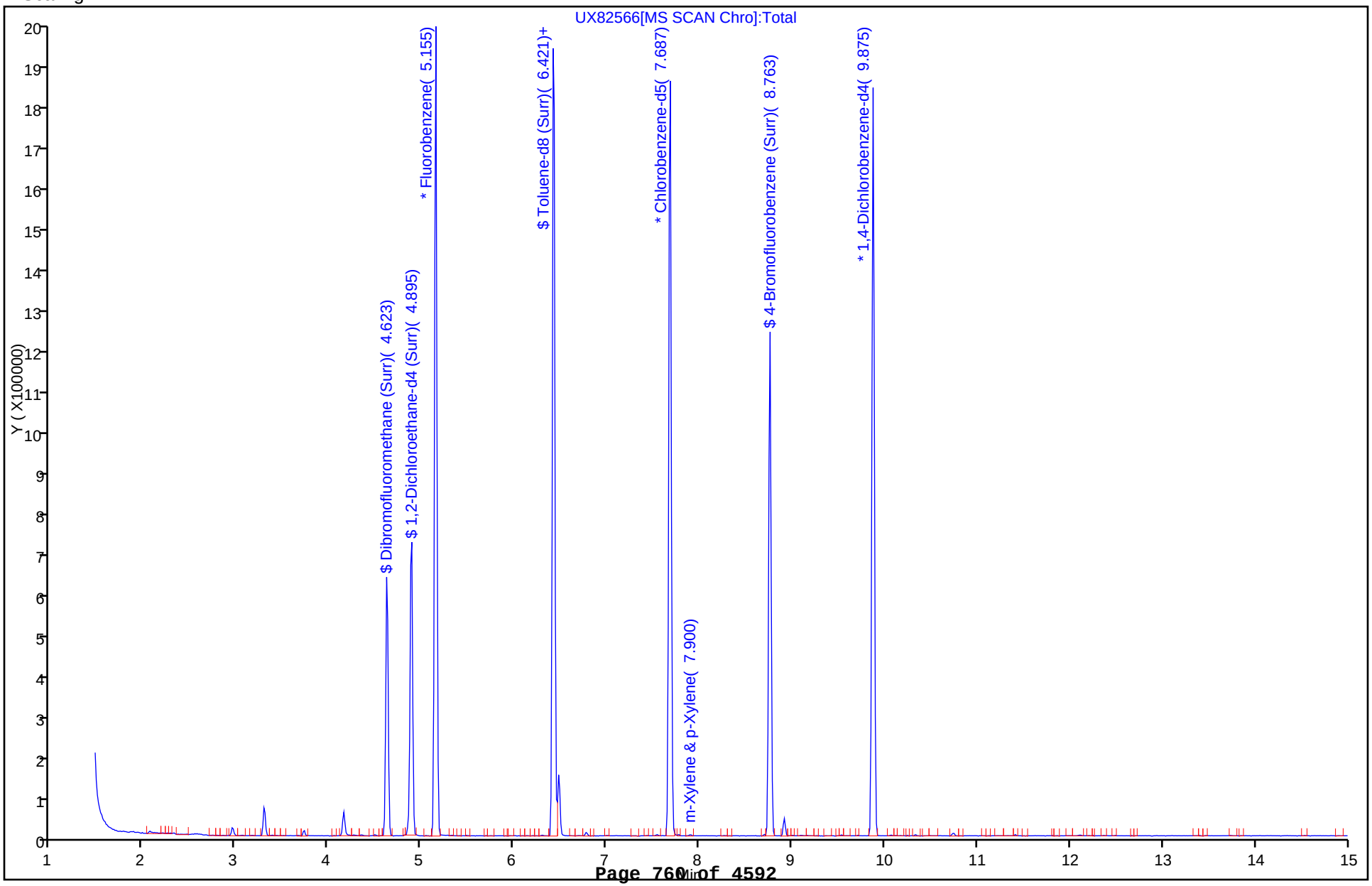
Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 22-Dec-2012 01:45:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82566.D		
Injection Date:	18-Dec-2012 01:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0092-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	9
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:

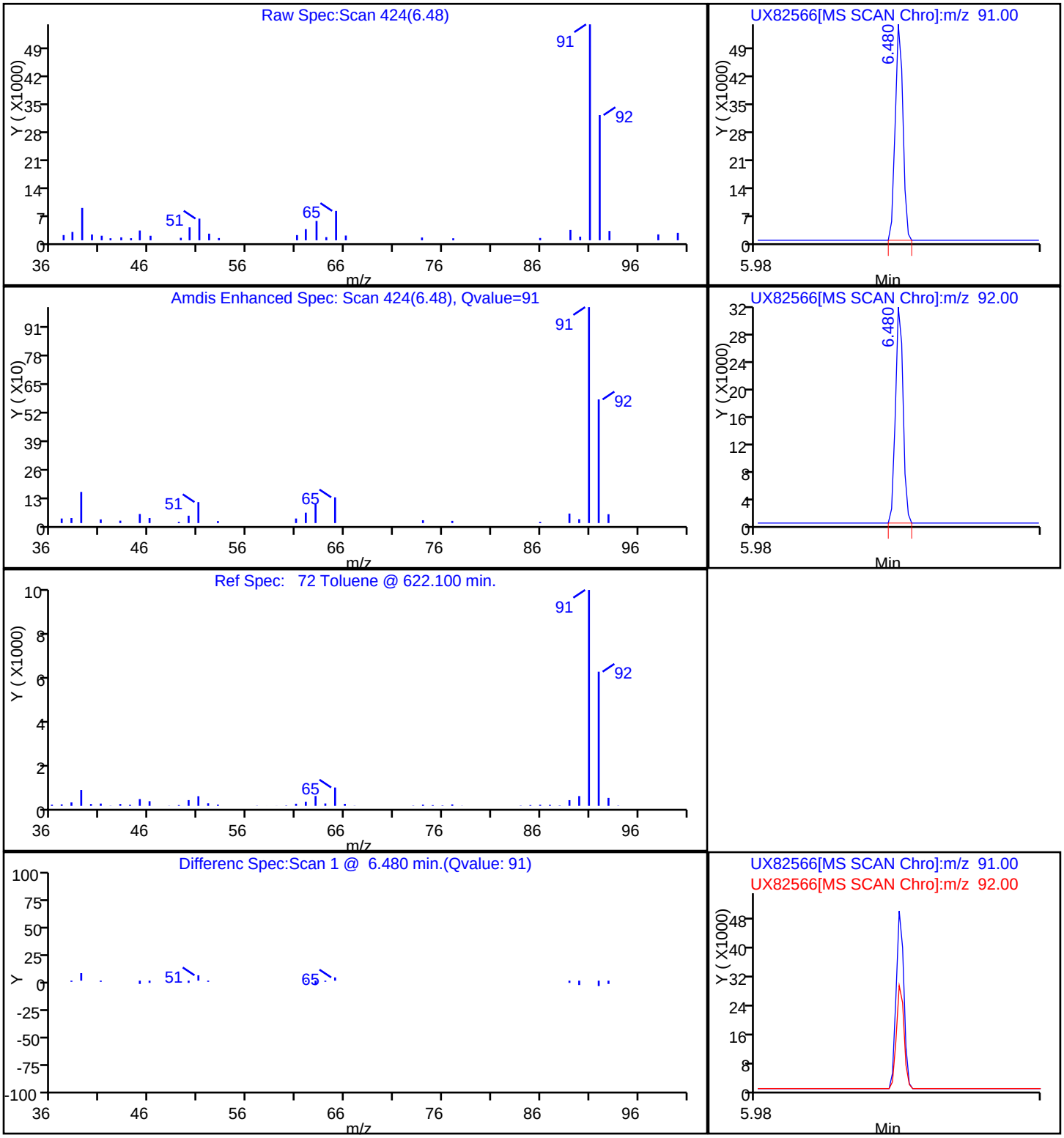


Report Date: 22-Dec-2012 01:45:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82566.D		
Injection Date:	18-Dec-2012 01:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0092-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	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.: 240-18703-1

SDG No.:

Client Sample ID: 076SB-0137-0001-TB | Lab Sample ID: 240-18703-2

Matrix: Water | Lab File ID: UXX1594.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 14:47

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.: 69591 | 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	J	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)	0.32	J	10	0.50	0.32
67-64-1	Acetone	12		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.: 240-18703-1

SDG No.:

Client Sample ID: 076SB-0137-0001-TB Lab Sample ID: 240-18703-2

Matrix: Water Lab File ID: UXX1594.D

Analysis Method: 8260B/DoD Date Collected: 12/10/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 14:47

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.: 69591 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	94		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-120
460-00-4	4-Bromofluorobenzene (Surr)	91		75-120
1868-53-7	Dibromofluoromethane (Surr)	101		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1594.D
Lims ID: 240-18703-B-2 Client ID: 076SB-0137-0001-TB
Inject. Date: 20-Dec-2012 14:47:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016059-010
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 10
Lims Batch ID: 69591 Lims Sample ID: 10
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.206	5.204	0.002	100	2036398	10.0	
* 2 Chlorobenzene-d5	117	7.880	7.879	0.001	84	1416147	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.128	10.127	0.001	92	820185	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.638	4.639	-0.001	60	480211	10.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.922	4.923	-0.001	0	498713	8.96	
$ 7 Toluene-d8 (Surr)	98	6.567	6.568	-0.001	93	1721811	9.39	
$ 8 4-Bromofluorobenzene (Surr)	95	8.992	8.993	-0.001	94	585068	9.07	
13 Chloromethane	50		1.693					
14 Vinyl chloride	62		1.799					
16 Bromomethane	94		2.095					9
17 Chloroethane	64		2.178					9
23 1,1-Dichloroethene	96		2.817					
24 Acetone	43	2.827	2.829	-0.002	98	157725	12.5	
27 Carbon disulfide	76		3.006					9
31 Methylene Chloride	84		3.195					
34 trans-1,2-Dichloroethene	96		3.432					
35 Methyl tert-butyl ether	73		3.432					
37 1,1-Dichloroethane	63		3.775					
43 cis-1,2-Dichloroethene	96		4.248					
42 2-Butanone (MEK)	43	4.247	4.248	-0.001	67	10659	0.5711	
48 Chlorobromomethane	128		4.450					
50 Chloroform	83		4.497					
51 1,1,1-Trichloroethane	97		4.686					
54 Carbon tetrachloride	117		4.828					
57 Benzene	78		4.982					
56 1,2-Dichloroethane	62		4.982					
61 Trichloroethene	130		5.526					
64 1,2-Dichloropropane	63		5.704					
68 Dichlorobromomethane	83		5.929					
71 cis-1,3-Dichloropropene	75		6.319					
72 4-Methyl-2-pentanone (MIBK)	43	6.436	6.449	-0.013	75	12025	0.3191	
73 Toluene	91		6.627					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
74 trans-1,3-Dichloropropene	75		6.804					
76 1,1,2-Trichloroethane	97		6.970					
78 Tetrachloroethene	164		7.136					
79 2-Hexanone	43		7.183					9
81 Chlorodibromomethane	129		7.337					
83 Ethylene Dibromide	107		7.455					
85 Chlorobenzene	112		7.905					
87 Ethylbenzene	106		8.011					
88 m-Xylene & p-Xylene	106		8.118					9
89 o-Xylene	106		8.496					
90 Styrene	104		8.508					
91 Bromoform	173		8.686					
95 1,1,2,2-Tetrachloroethane	83		9.112					
S 120 1,2-Dichloroethene, Total	96		1.140					7
S 122 Xylenes, Total	106		16.530					7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

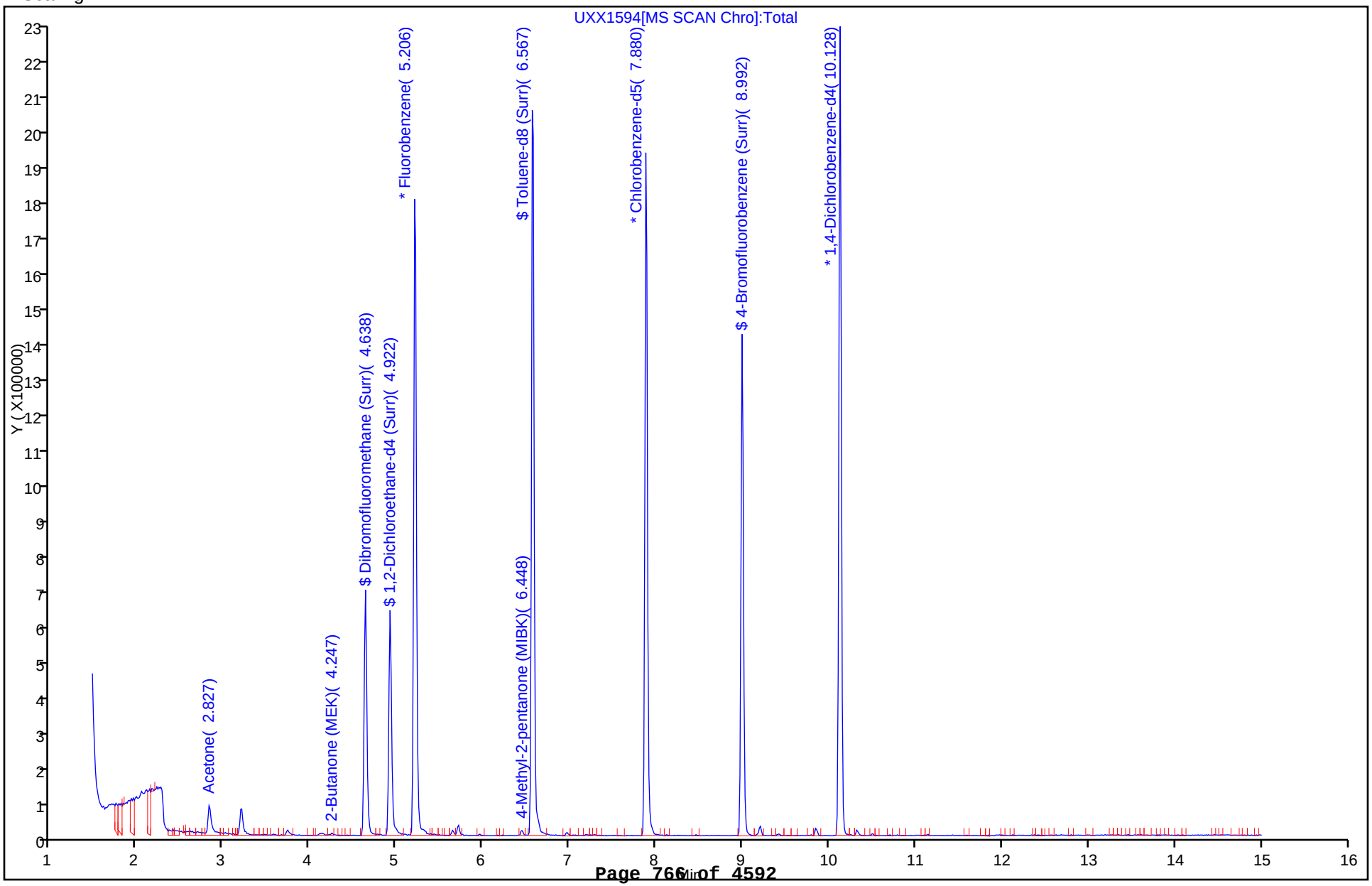
Report Date: 21-Dec-2012 08:34:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1594.D

Injection Date:	20-Dec-2012 14:47:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0137-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	10
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



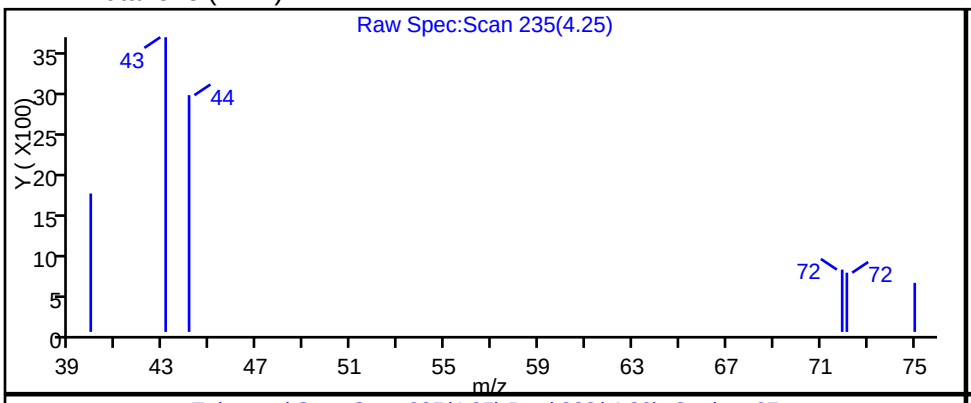
Report Date: 21-Dec-2012 08:34:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

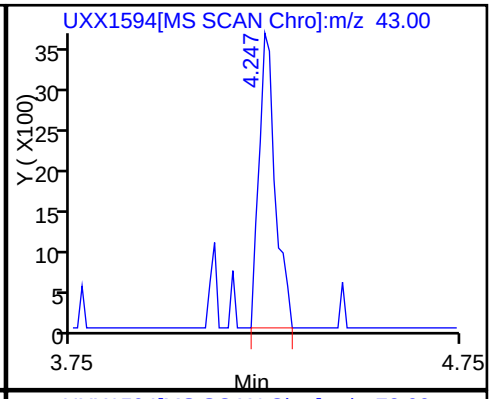
TestAmerica Canton

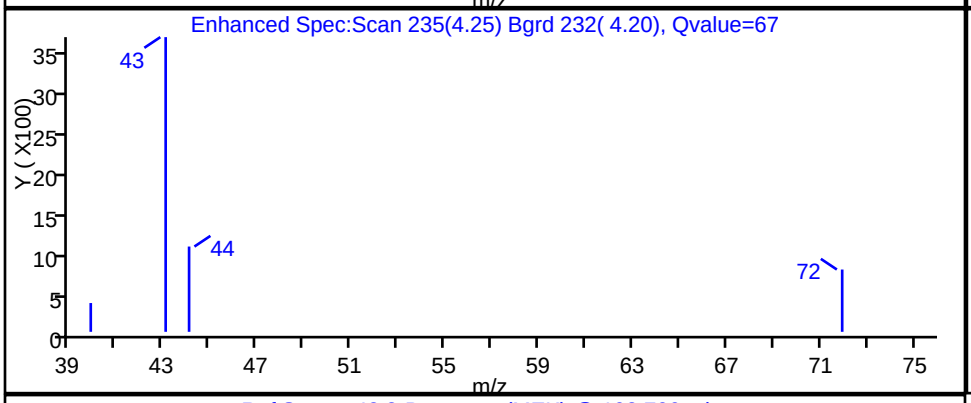
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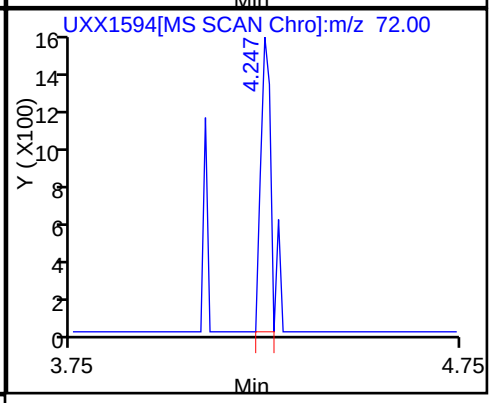
Injection Date:	20-Dec-2012 14:47:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0137-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	10
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

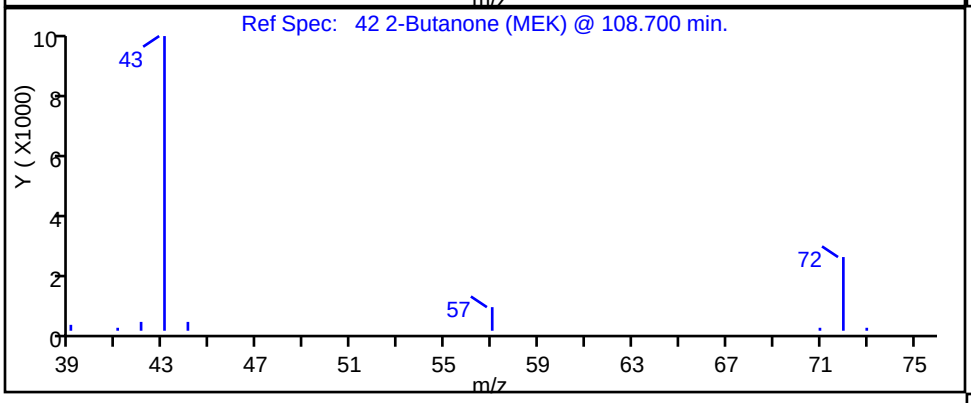
42 2-Butanone (MEK)

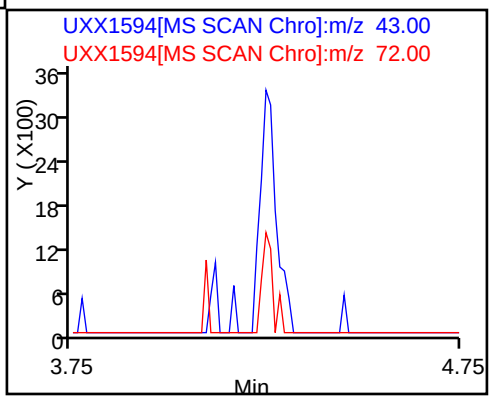












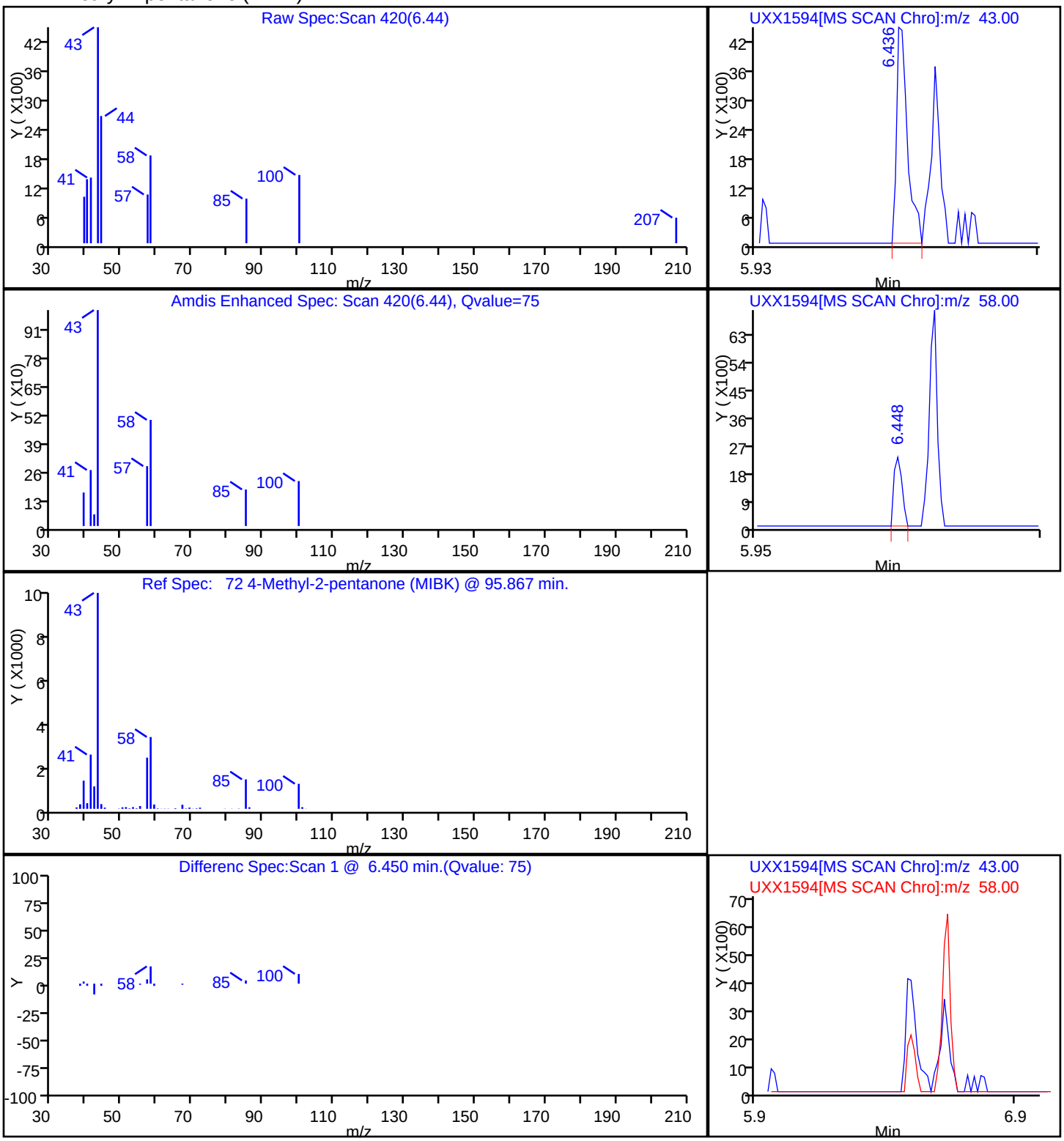
Report Date: 21-Dec-2012 08:34:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1594.D

Injection Date:	20-Dec-2012 14:47:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0137-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	10
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 4-Methyl-2-pentanone (MIBK)



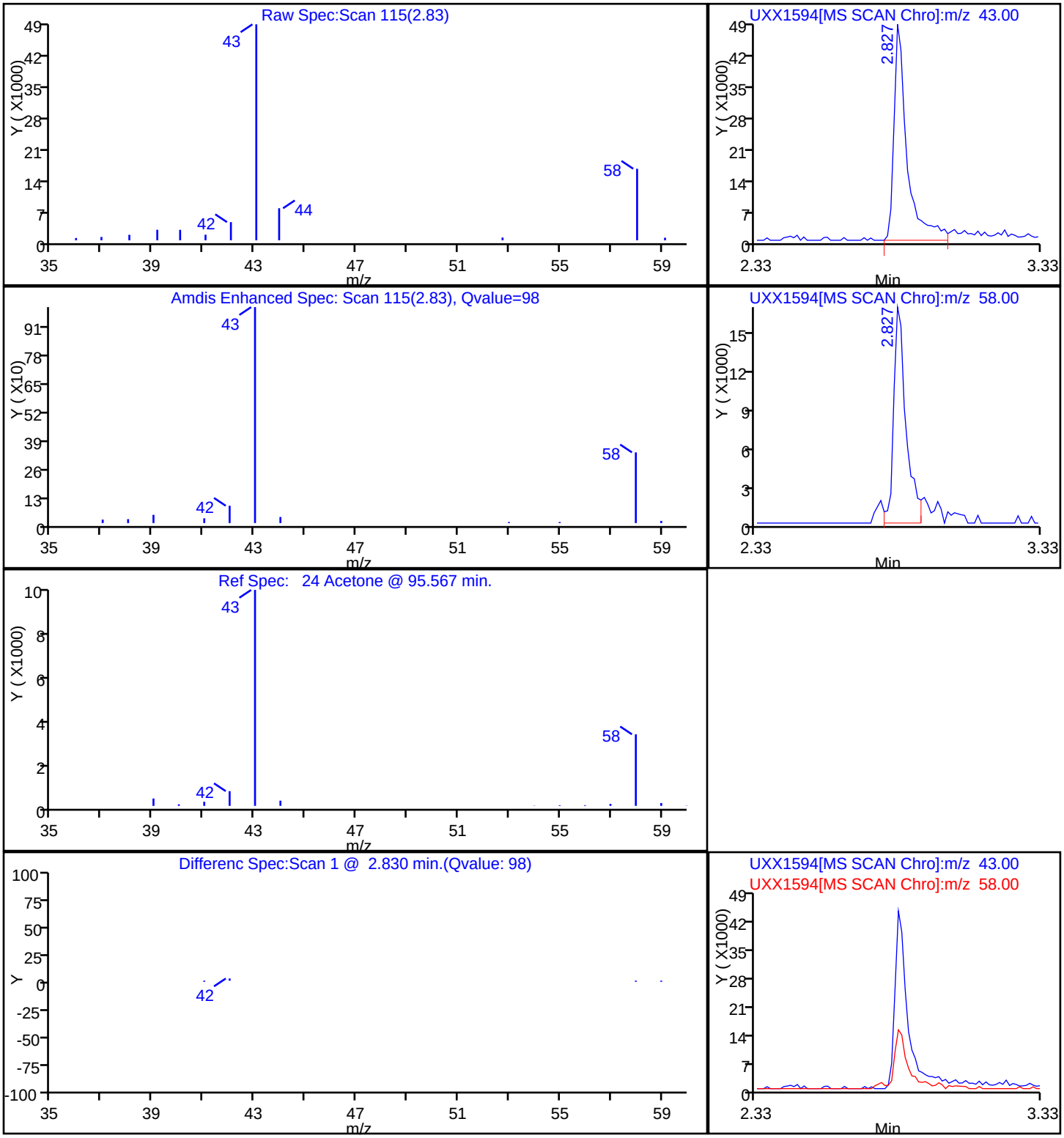
Report Date: 21-Dec-2012 08:34:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1594.D

Injection Date:	20-Dec-2012 14:47:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0137-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	10
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

24 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076SB-0138-0001-TB | Lab Sample ID: 240-18703-3

Matrix: Water | Lab File ID: UXX1595.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 15:09

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.: 69591 | 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)	0.69	J	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	14		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.: 240-18703-1

SDG No.:

Client Sample ID: 076SB-0138-0001-TB Lab Sample ID: 240-18703-3

Matrix: Water Lab File ID: UXX1595.D

Analysis Method: 8260B/DoD Date Collected: 12/10/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 15:09

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.: 69591 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	94		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-120
460-00-4	4-Bromofluorobenzene (Surr)	91		75-120
1868-53-7	Dibromofluoromethane (Surr)	102		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1595.D
Lims ID: 240-18703-B-3 Client ID: 076SB-0138-0001-TB
Inject. Date: 20-Dec-2012 15:09:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016059-011
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 11
Lims Batch ID: 69591 Lims Sample ID: 11
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.206	5.204	0.002	99	2056127	10.0	
* 2 Chlorobenzene-d5	117	7.880	7.879	0.001	82	1452797	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.127	0.001	92	860978	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.638	4.639	-0.001	56	489061	10.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.922	4.923	-0.001	0	530351	9.44	
$ 7 Toluene-d8 (Surr)	98	6.579	6.568	0.011	92	1761540	9.36	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	95	600905	9.08	
13 Chloromethane	50		1.693					
14 Vinyl chloride	62		1.799					
16 Bromomethane	94		2.095					
17 Chloroethane	64		2.178					
23 1,1-Dichloroethene	96		2.817					
24 Acetone	43	2.839	2.829	0.010	99	182770	14.5	
27 Carbon disulfide	76		3.006					9
31 Methylene Chloride	84		3.195					
34 trans-1,2-Dichloroethene	96		3.432					
35 Methyl tert-butyl ether	73		3.432					
37 1,1-Dichloroethane	63		3.775					
43 cis-1,2-Dichloroethene	96		4.248					
42 2-Butanone (MEK)	43	4.248	4.248	0.0	84	13092	0.6947	
48 Chlorobromomethane	128		4.450					
50 Chloroform	83		4.497					9
51 1,1,1-Trichloroethane	97		4.686					
54 Carbon tetrachloride	117		4.828					
57 Benzene	78		4.982					
56 1,2-Dichloroethane	62		4.982					
61 Trichloroethene	130		5.526					
64 1,2-Dichloropropane	63		5.704					
68 Dichlorobromomethane	83		5.929					
71 cis-1,3-Dichloropropene	75		6.319					
72 4-Methyl-2-pentanone (MIBK)	43	6.448	6.449	-0.001	80	11514	0.3026	
73 Toluene	91		6.627					9

	Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
74	trans-1,3-Dichloropropene	75		6.804					
76	1,1,2-Trichloroethane	97		6.970					
78	Tetrachloroethene	164		7.136					
79	2-Hexanone	43		7.183					9
81	Chlorodibromomethane	129		7.337					
83	Ethylene Dibromide	107		7.455					
85	Chlorobenzene	112		7.905					
87	Ethylbenzene	106		8.011					
88	m-Xylene & p-Xylene	106		8.118					
89	o-Xylene	106		8.496					
90	Styrene	104		8.508					9
91	Bromoform	173		8.686					
95	1,1,2,2-Tetrachloroethane	83		9.112					
S 120	1,2-Dichloroethene, Total	96		1.140					7
S 122	Xylenes, Total	106		16.530					7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

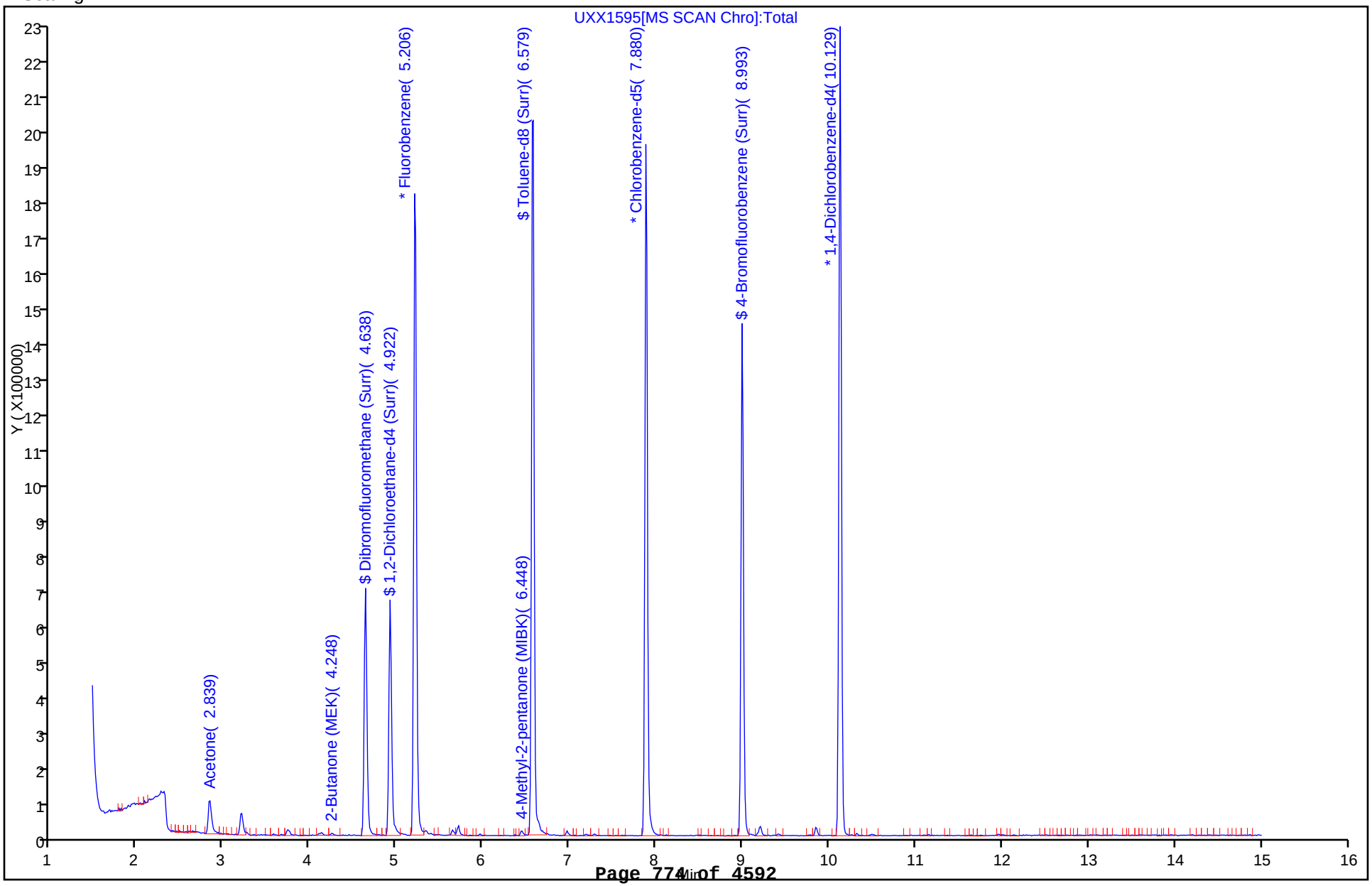
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TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1595.D

Injection Date:	20-Dec-2012 15:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0138-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	11
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



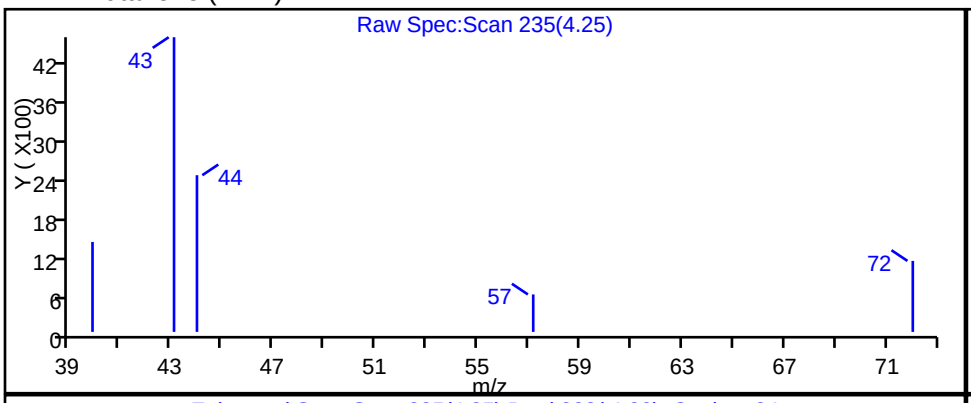
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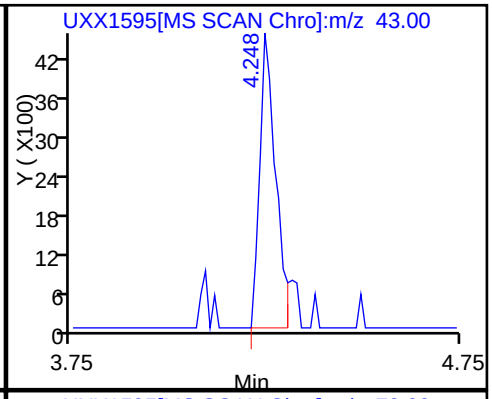
TestAmerica Canton

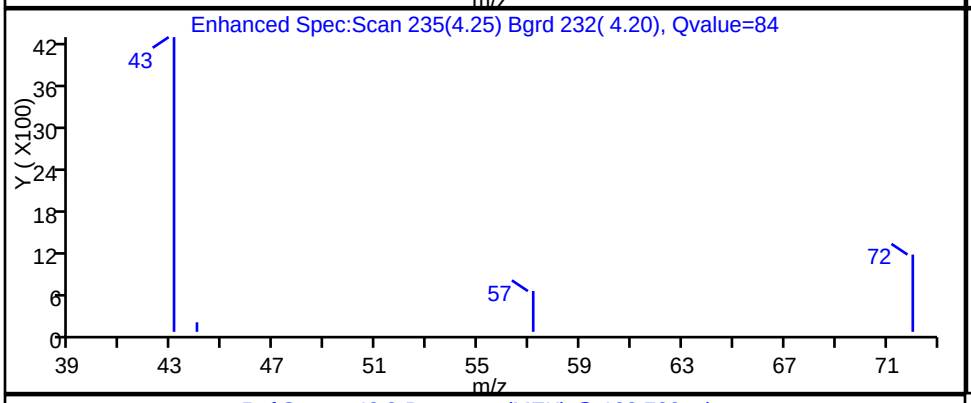
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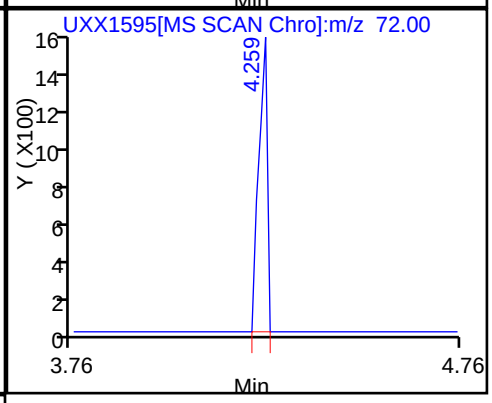
Injection Date:	20-Dec-2012 15:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0138-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	11
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

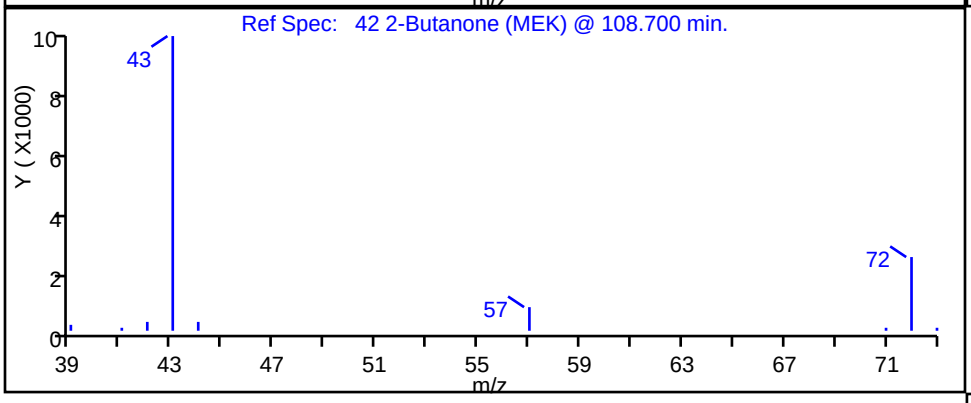
42 2-Butanone (MEK)

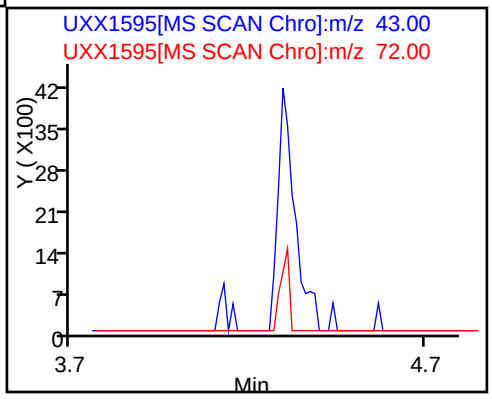












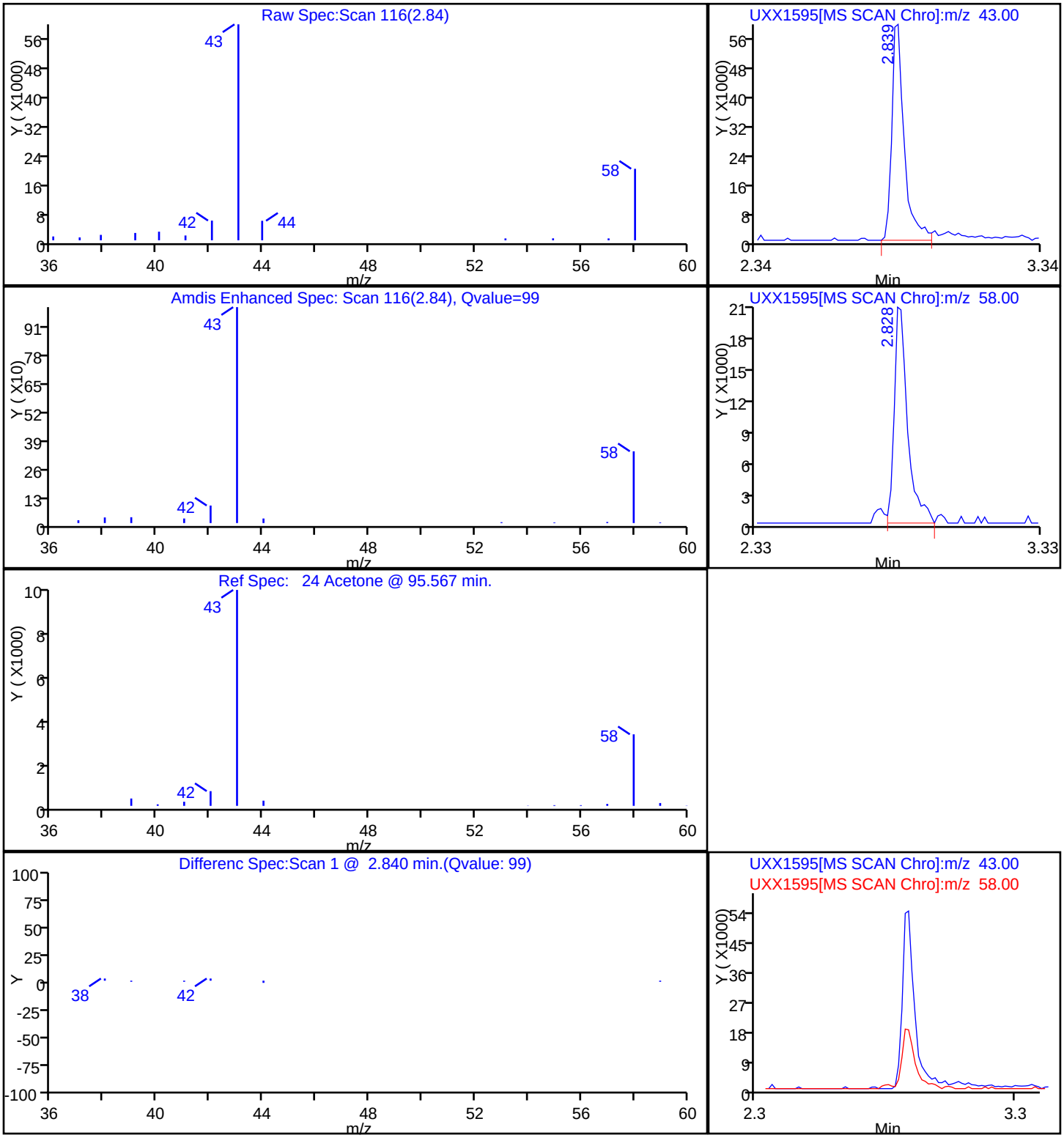
Report Date: 21-Dec-2012 08:34:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1595.D

Injection Date:	20-Dec-2012 15:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0138-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	11
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

24 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076SB-0139-0001-TB | Lab Sample ID: 240-18703-4

Matrix: Water | Lab File ID: UXX1596.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 15:31

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.: 69591 | 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)	0.64	J	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)	0.39	J	10	0.50	0.32
67-64-1	Acetone	15		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.: 240-18703-1

SDG No.:

Client Sample ID: 076SB-0139-0001-TB Lab Sample ID: 240-18703-4

Matrix: Water Lab File ID: UXX1596.D

Analysis Method: 8260B/DoD Date Collected: 12/10/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 15:31

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.: 69591 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	93		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-120
460-00-4	4-Bromofluorobenzene (Surr)	90		75-120
1868-53-7	Dibromofluoromethane (Surr)	103		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1596.D
Lims ID: 240-18703-B-4 Client ID: 076SB-0139-0001-TB
Inject. Date: 20-Dec-2012 15:31:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016059-012
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 12
Lims Batch ID: 69591 Lims Sample ID: 12
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.216	5.204	0.012	100	1983816	10.0	
* 2 Chlorobenzene-d5	117	7.890	7.879	0.011	82	1421047	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	93	823900	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.639	-0.003	59	478175	10.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.003	0	501066	9.24	
$ 7 Toluene-d8 (Surr)	98	6.576	6.568	0.008	92	1708529	9.28	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	97	583922	9.02	
13 Chloromethane	50		1.693					9
14 Vinyl chloride	62		1.799					
16 Bromomethane	94		2.095					9
17 Chloroethane	64		2.178					
23 1,1-Dichloroethene	96		2.817					
24 Acetone	43	2.837	2.829	0.008	98	181717	14.9	
27 Carbon disulfide	76		3.006					9
31 Methylene Chloride	84	3.204	3.195	0.009	79	63268	0.2573	
34 trans-1,2-Dichloroethene	96		3.432					
35 Methyl tert-butyl ether	73		3.432					
37 1,1-Dichloroethane	63		3.775					
43 cis-1,2-Dichloroethene	96		4.248					
42 2-Butanone (MEK)	43	4.245	4.248	-0.003	68	11631	0.6396	
48 Chlorobromomethane	128		4.450					
50 Chloroform	83		4.497					9
51 1,1,1-Trichloroethane	97		4.686					
54 Carbon tetrachloride	117		4.828					
57 Benzene	78		4.982					9
56 1,2-Dichloroethane	62		4.982					
61 Trichloroethene	130		5.526					
64 1,2-Dichloropropane	63		5.704					
68 Dichlorobromomethane	83		5.929					
71 cis-1,3-Dichloropropene	75		6.319					
72 4-Methyl-2-pentanone (MIBK)	43	6.458	6.449	0.009	66	14444	0.3935	
73 Toluene	91		6.627					9

	Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
74	trans-1,3-Dichloropropene	75		6.804					
76	1,1,2-Trichloroethane	97		6.970					
78	Tetrachloroethene	164		7.136					
79	2-Hexanone	43		7.183					9
81	Chlorodibromomethane	129		7.337					
83	Ethylene Dibromide	107		7.455					
85	Chlorobenzene	112		7.905					
87	Ethylbenzene	106		8.011					
88	m-Xylene & p-Xylene	106		8.118					
89	o-Xylene	106		8.496					
90	Styrene	104		8.508					
91	Bromoform	173		8.686					
95	1,1,2,2-Tetrachloroethane	83		9.112					
S 120	1,2-Dichloroethene, Total	96		1.140					7
S 122	Xylenes, Total	106		16.530					7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

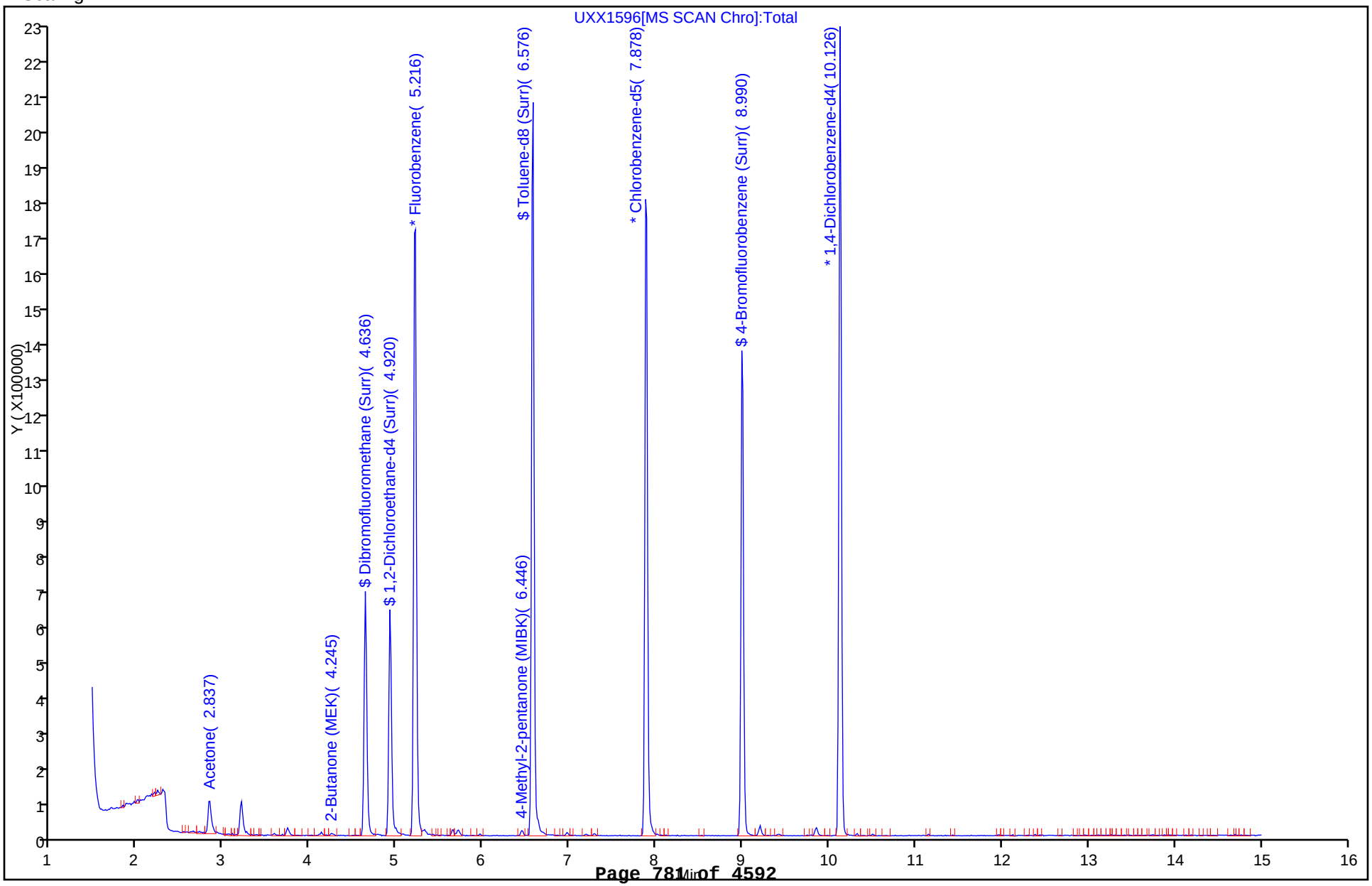
Report Date: 21-Dec-2012 08:34:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1596.D

Injection Date:	20-Dec-2012 15:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0139-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	12
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



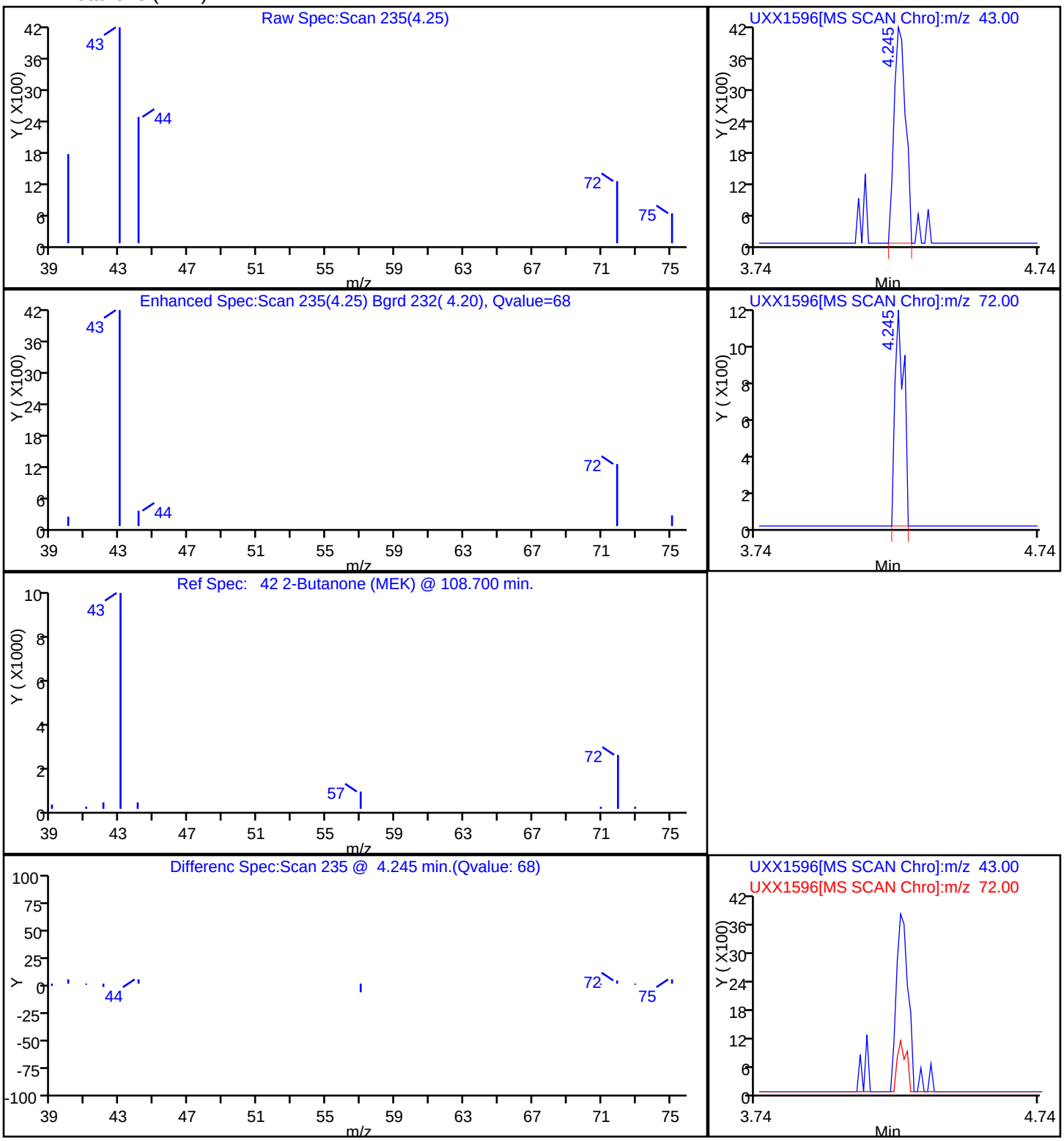
Report Date: 21-Dec-2012 08:34:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1596.D

Injection Date:	20-Dec-2012 15:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0139-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	12
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

42 2-Butanone (MEK)



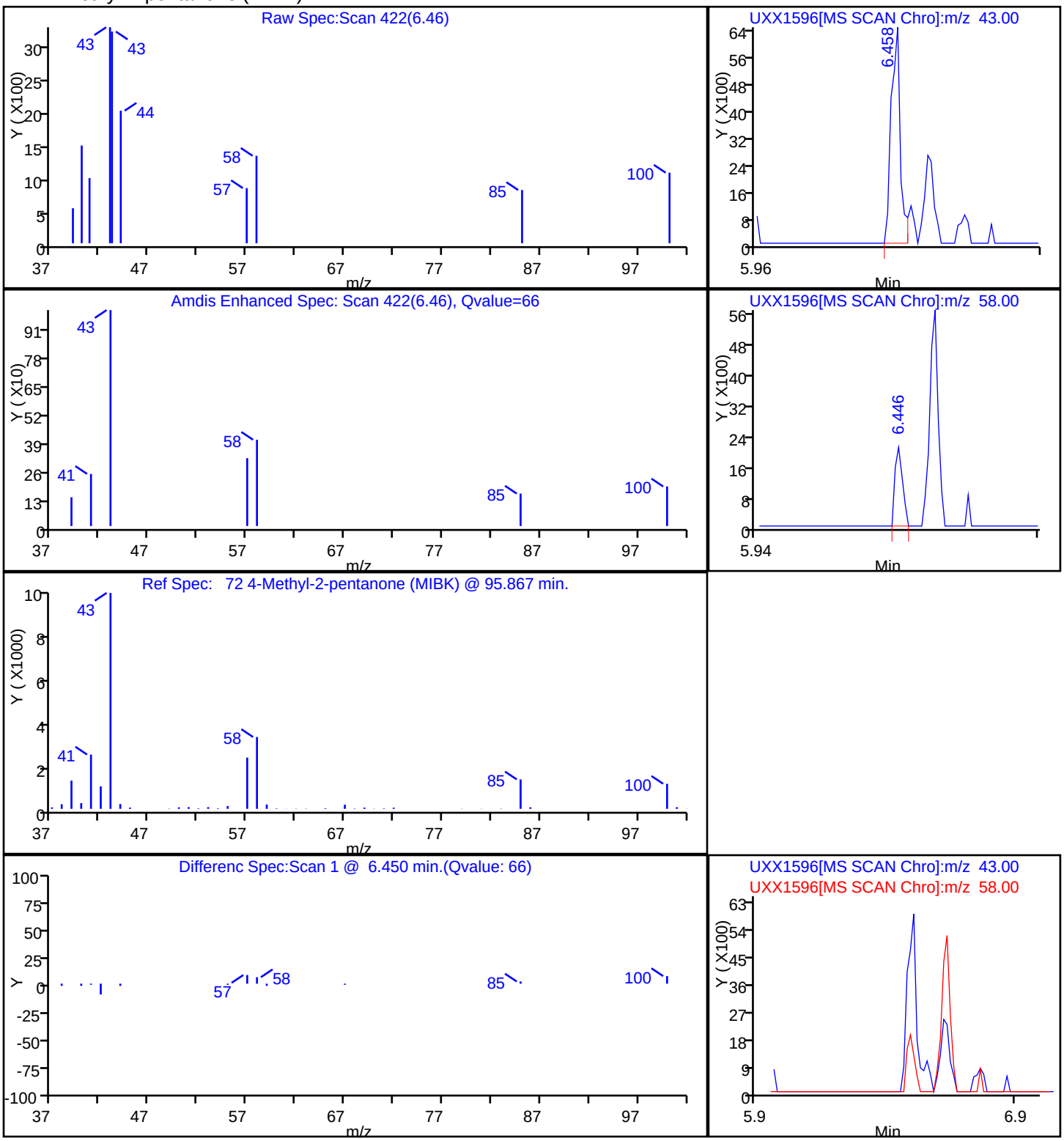
Report Date: 21-Dec-2012 08:34:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1596.D

Injection Date:	20-Dec-2012 15:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0139-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	12
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 4-Methyl-2-pentanone (MIBK)



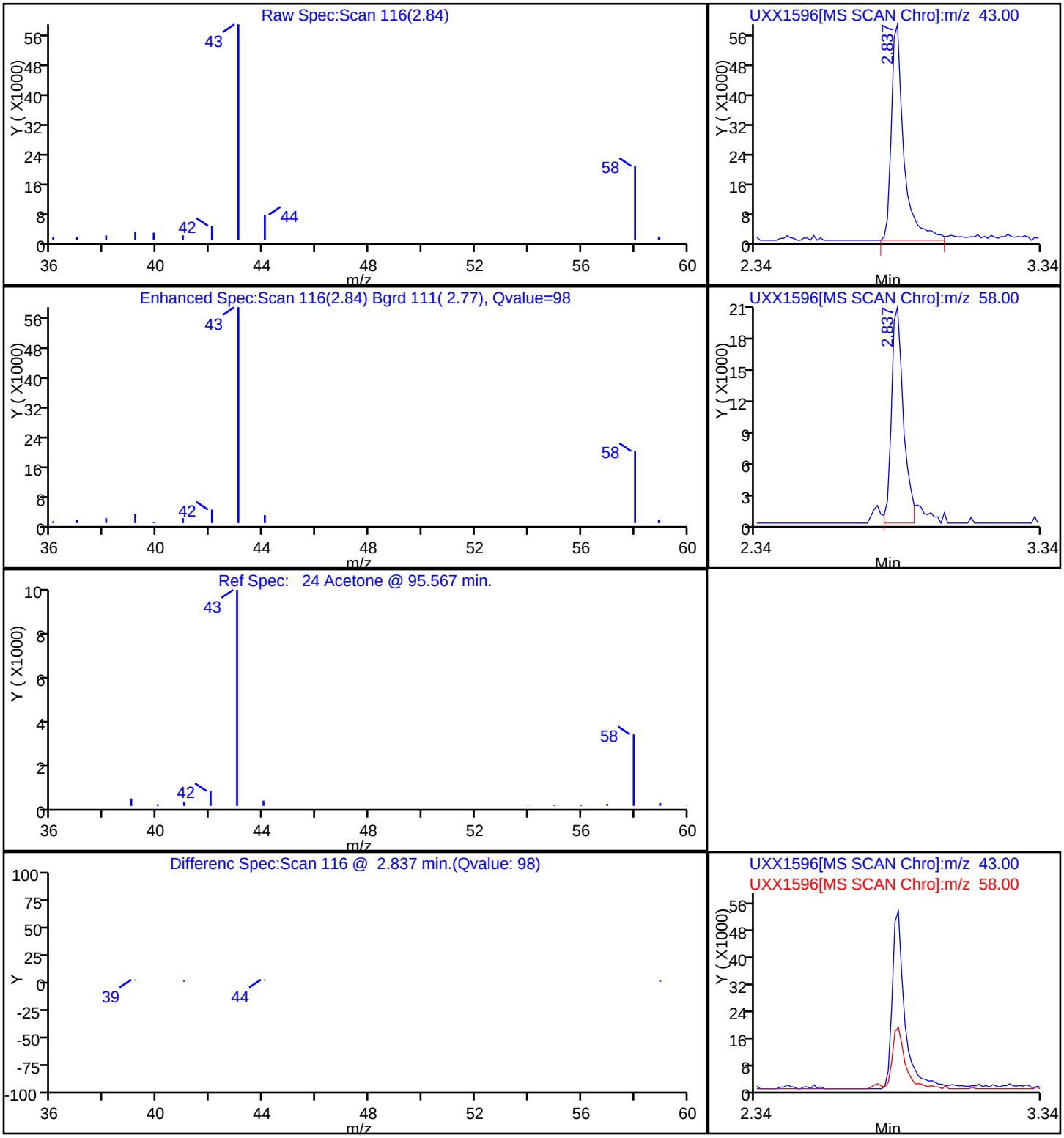
Report Date: 21-Dec-2012 08:34:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1596.D

Injection Date:	20-Dec-2012 15:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0139-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	12
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

24 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0082-0001-SO | Lab Sample ID: 240-18703-8

Matrix: Solid | Lab File ID: UX82556.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 10:45

Sample wt/vol: 6.152(g) | Date Analyzed: 12/17/2012 10:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.5 | Level: (low/med) Low

Analysis Batch No.: 68905 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	14	J	19	6.1	6.1
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)	2.9	J	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	0.36
108-90-7	Chlorobenzene	0.48	U	4.8	0.48	0.32
75-00-3	Chloroethane	0.96	U	4.8	0.96	0.83
67-66-3	Chloroform	0.48	U	4.8	0.48	0.28
74-87-3	Chloromethane	0.48	U	4.8	0.48	0.39
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	0.35
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	0.61
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
1634-04-4	Methyl tert-butyl ether	0.48	U	4.8	0.48	0.41
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	1.7	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	0.38
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	0.38
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0082-0001-SO Lab Sample ID: 240-18703-8

Matrix: Solid Lab File ID: UX82556.D

Analysis Method: 8260B/DoD Date Collected: 12/10/2012 10:45

Sample wt/vol: 6.152(g) Date Analyzed: 12/17/2012 10:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.5 Level: (low/med) Low

Analysis Batch No.: 68905 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	90		85-120
1868-53-7	Dibromofluoromethane (Surr)	91		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		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\UX82556.D
Lims ID: 240-18703-C-8-A
Client ID: 072SB-0082-0001-SO
Inject. Date: 17-Dec-2012 10:12:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015896-032
Misc. Info.: M21216A,8260SUX8,,402279 =M21216A,8260SUX8,,402279
Operator: 402279
Instrument ID: A3UX8
Purge Vol: 5.000 mL
ALS Bottle#: 31
Lims Batch ID: 68905
Lims Sample ID: 32
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 21:44:36

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	1523600	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.686	-0.009	90	1067383	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.874	0.003	98	476073	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.623	0.002	67	352149	45.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.884	0.002	92	439413	45.6	
$ 7 Toluene-d8 (Surr)	98	6.423	6.421	0.002	95	1243090	45.9	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.763	-0.009	91	423457	45.1	
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	2.958	2.956	0.002	93	73536	14.3	
26 Carbon disulfide	76	3.111	3.109	0.002	61	5889	0.4091	
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					
41 2-Butanone (MEK)	43	4.271	4.268	0.003	88	18013	3.00	
42 cis-1,2-Dichloroethene	96		4.268					
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.659					
53 Carbon tetrachloride	117		4.801					9
55 Benzene	78		4.943					
56 1,2-Dichloroethane	62		4.943					
60 Trichloroethene	130		5.439					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.818					9
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	6.480	0.003	91	45356	1.72	
73 trans-1,3-Dichloropropene	75		6.646					
75 1,1,2-Trichloroethane	97		6.800					9
77 Tetrachloroethene	164		6.954					
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		7.793					
10 m-Xylene & p-Xylene	106		7.900					9
85 o-Xylene	106		8.267					9
86 Styrene	104		8.278					
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

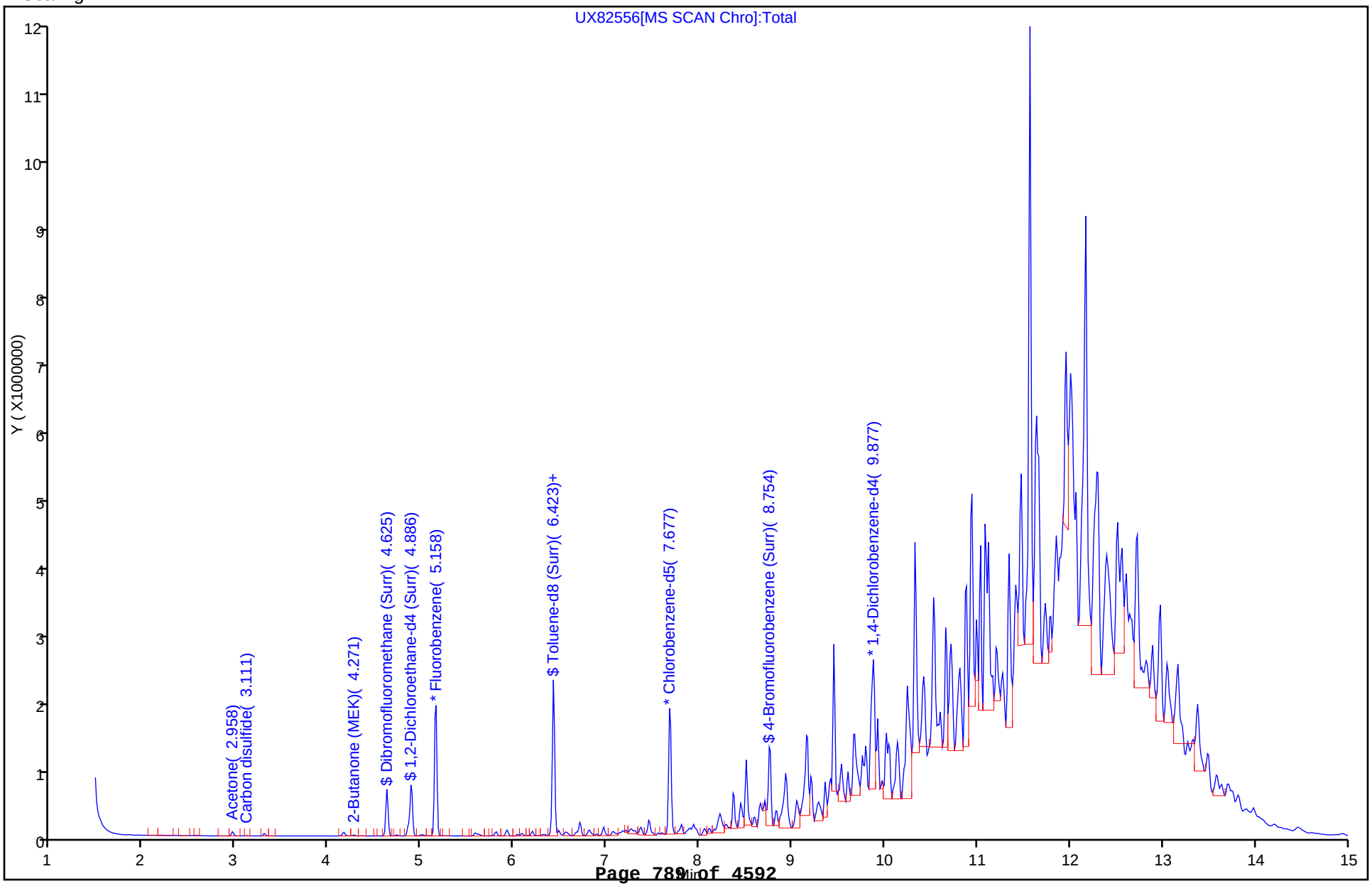
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82556.D

Injection Date:	17-Dec-2012 10:12:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	32
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



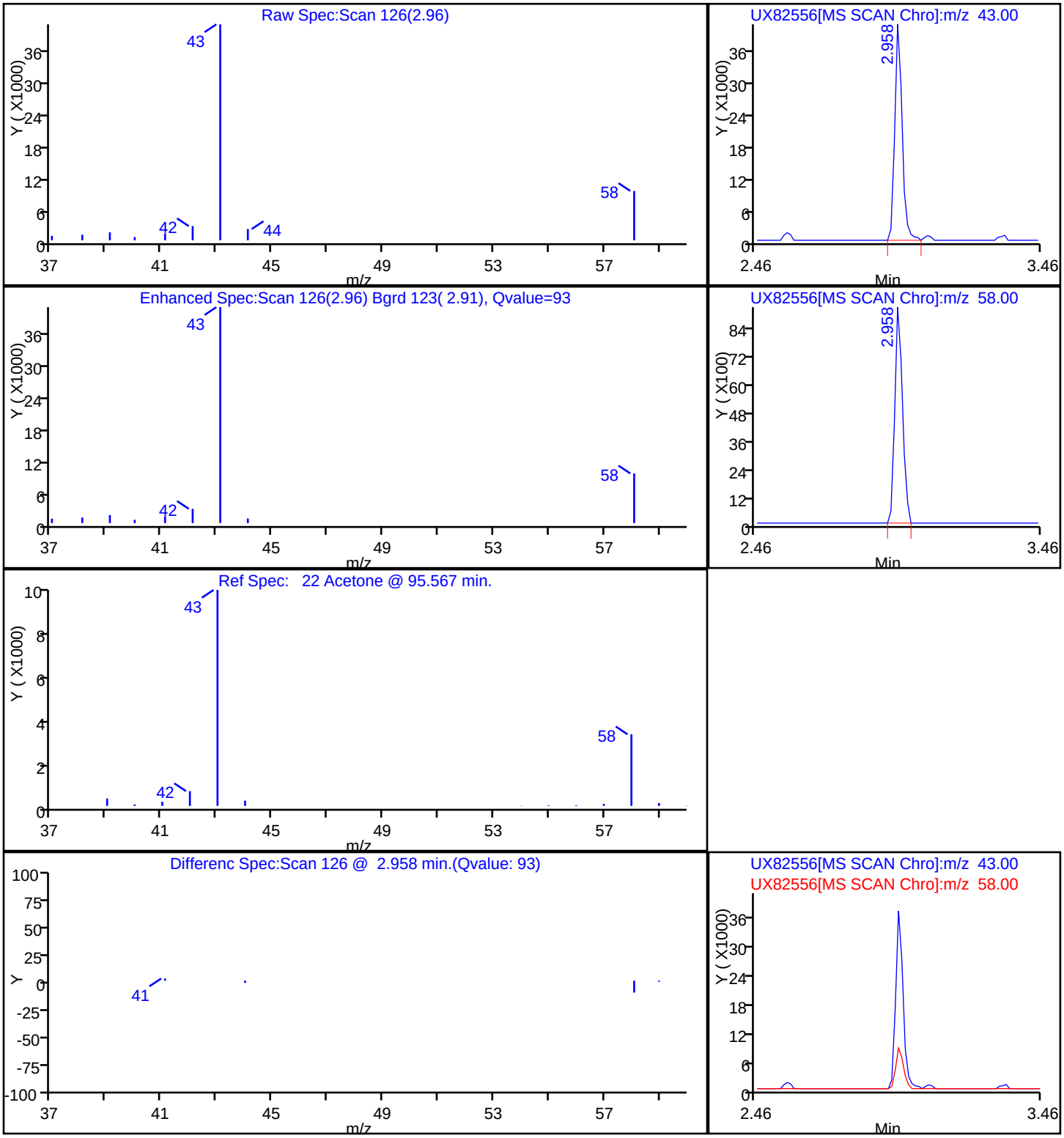
Report Date: 20-Dec-2012 03:33:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82556.D

Injection Date:	17-Dec-2012 10:12:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	32
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



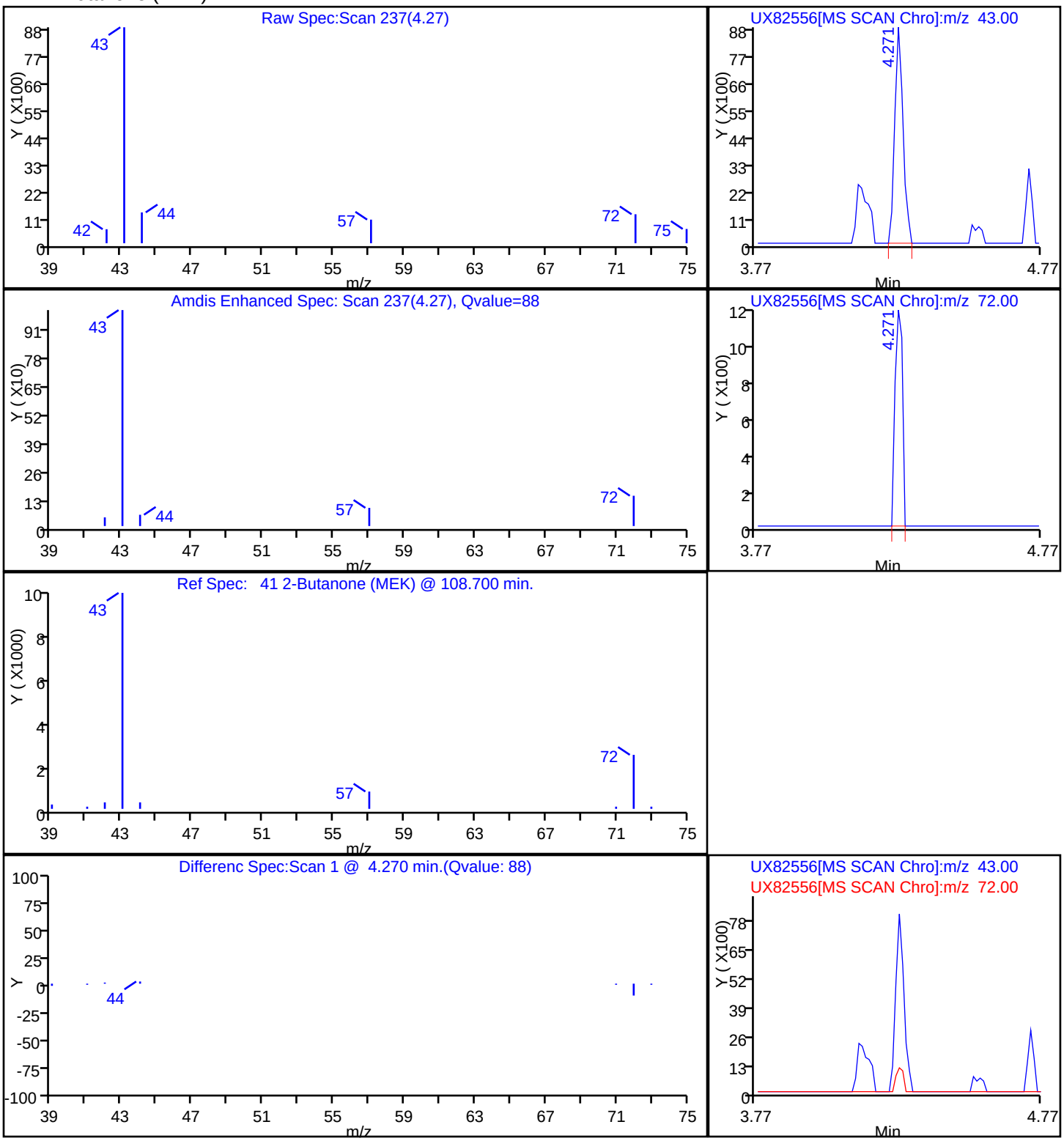
Report Date: 20-Dec-2012 03:33:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82556.D

Injection Date:	17-Dec-2012 10:12:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	32
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)

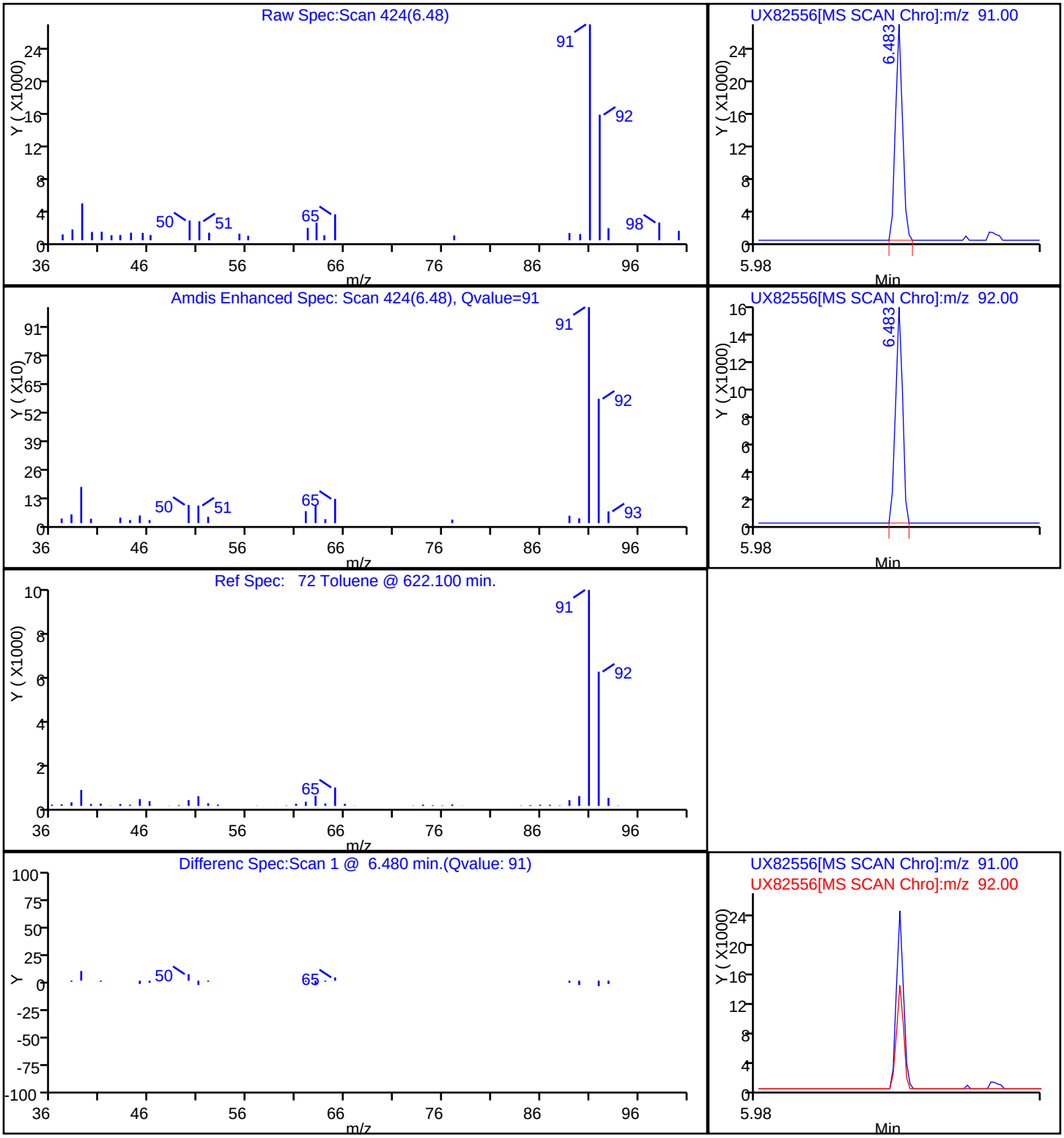


Report Date: 20-Dec-2012 03:33:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82556.D		
Injection Date:	17-Dec-2012 10:12:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68905	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0083-0001-SO | Lab Sample ID: 240-18703-9

Matrix: Solid | Lab File ID: UX82567.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 11:15

Sample wt/vol: 6.239(g) | Date Analyzed: 12/18/2012 01:31

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.: 69093 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.47	U	4.7	0.47	0.22
100-41-4	Ethylbenzene	0.47	U	4.7	0.47	0.24
1634-04-4	Methyl tert-butyl ether	0.47	U	4.7	0.47	0.40
108-88-3	Toluene	2.7	J	4.7	0.47	0.25
1330-20-7	Xylenes, Total	1.4	U	9.4	1.4	0.63

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		85-120
1868-53-7	Dibromofluoromethane (Surr)	90		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		61-130
2037-26-5	Toluene-d8 (Surr)	91		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82567.D
Lims ID: 240-18703-B-9-A
Client ID: 072SB-0083-0001-SO
Inject. Date: 18-Dec-2012 01:31:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015937-010
Misc. Info.: M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279
Operator: 402279
Instrument ID: A3UX8
Purge Vol: 5.000 mL
ALS Bottle#: 8
Lims Batch ID: 69093
Lims Sample ID: 10
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m
Last Update: 22-Dec-2012 01:45:29
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: XAWRK020

First Level Reviewer: latat
Date: 18-Dec-2012 02:45:37

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.156	0.0	100	1587613	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.687	0.0	90	1127000	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.875	0.001	99	564216	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.623	0.001	59	361374	44.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.896	4.895	0.001	92	453461	45.1	
$ 7 Toluene-d8 (Surr)	98	6.422	6.421	0.001	95	1304179	45.5	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.763	0.001	94	450918	45.6	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78		4.955					
72 Toluene	91	6.481	6.481	0.001	91	80725	2.90	
84 Ethylbenzene	106		7.805					9
10 m-Xylene & p-Xylene	106		7.900					9
85 o-Xylene	106		8.278					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

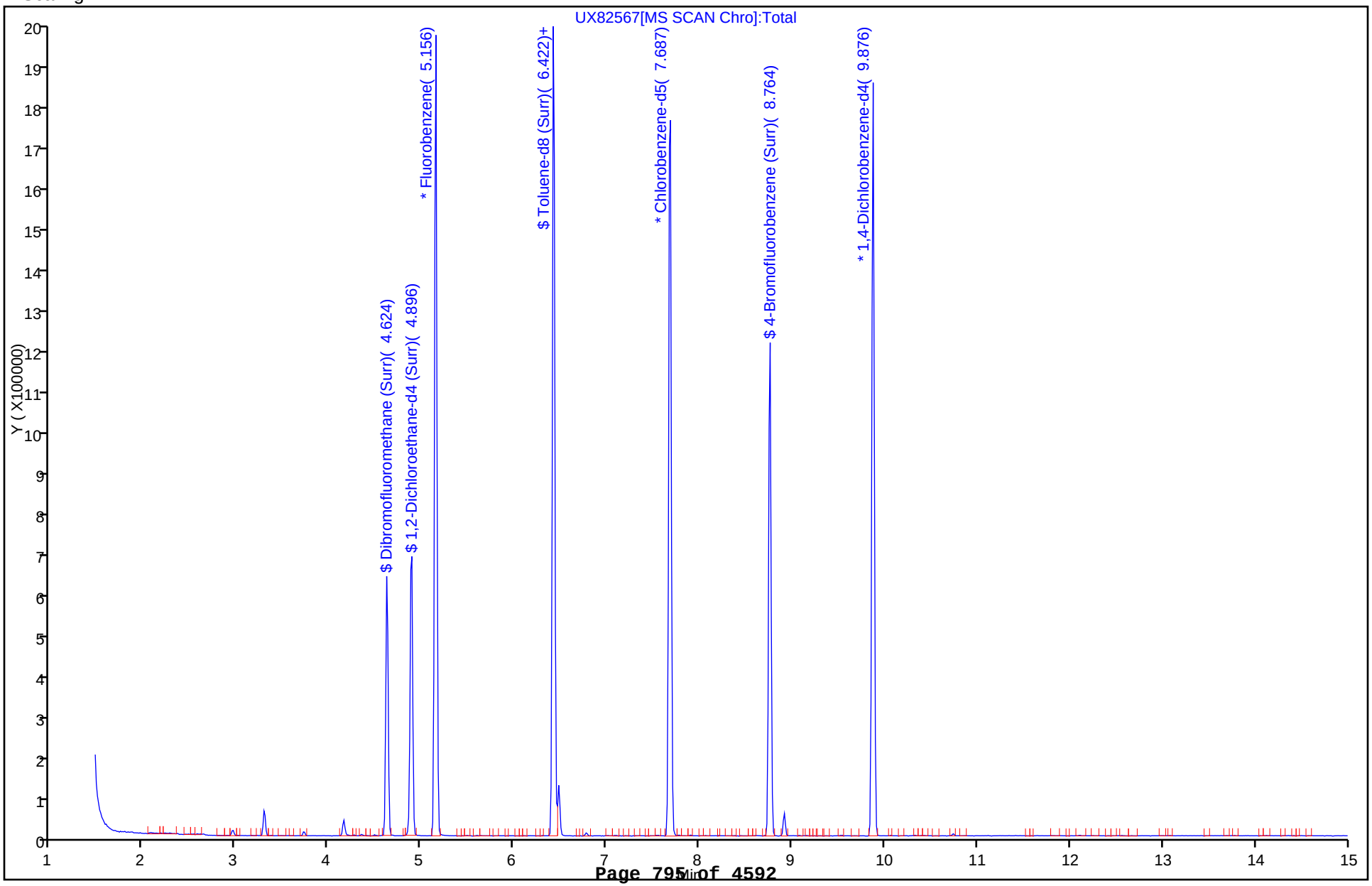
Report Date: 22-Dec-2012 01:45:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82567.D

Injection Date:	18-Dec-2012 01:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0083-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	10
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



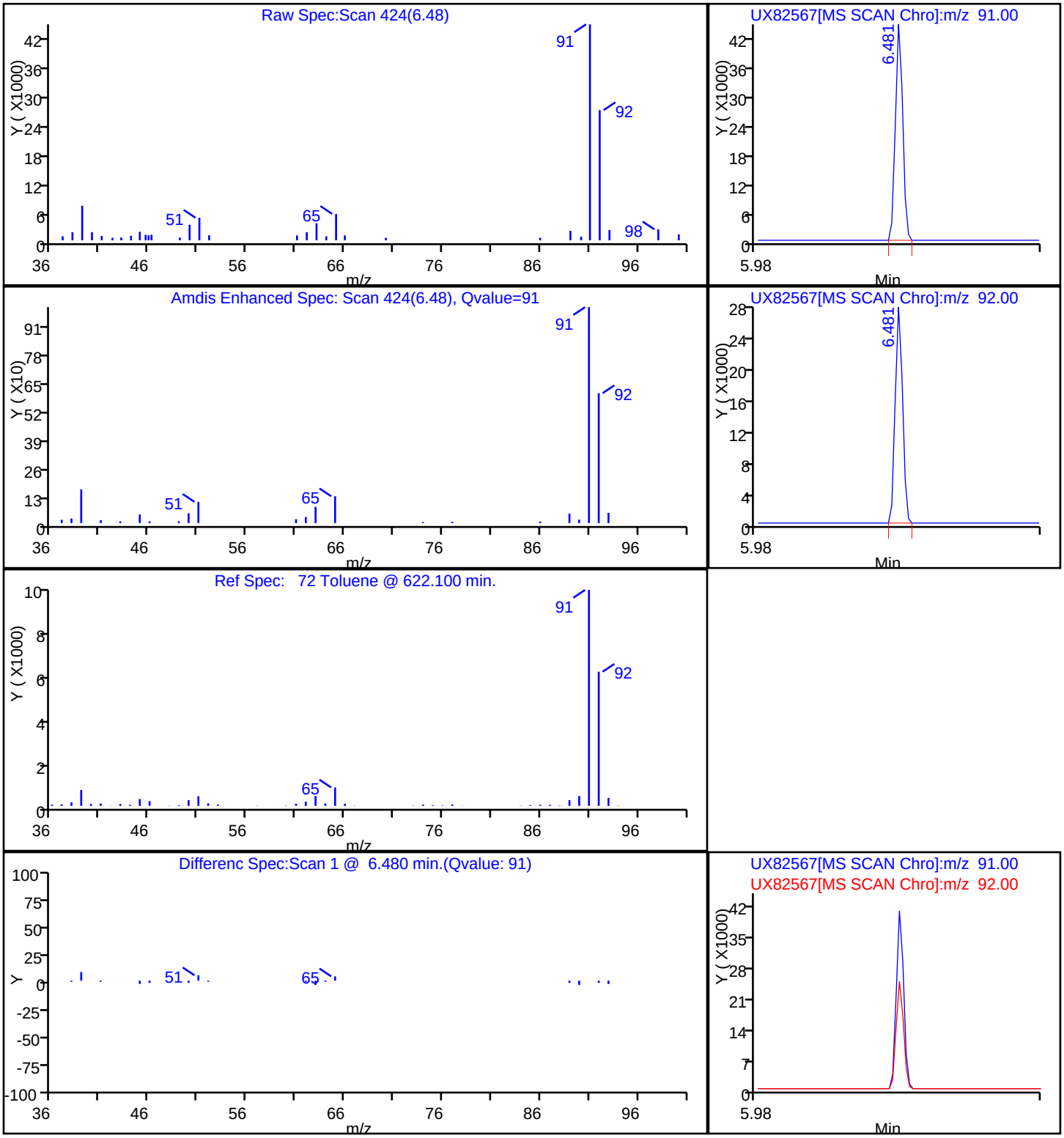
Report Date: 22-Dec-2012 01:45:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82567.D

Injection Date:	18-Dec-2012 01:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0083-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	10
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0084-0001-SO | Lab Sample ID: 240-18703-10

Matrix: Solid | Lab File ID: UX82568.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 11:30

Sample wt/vol: 6.016(g) | Date Analyzed: 12/18/2012 01:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.9 | Level: (low/med) Low

Analysis Batch No.: 69093 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.48	U	4.8	0.48	0.22
100-41-4	Ethylbenzene	0.48	U	4.8	0.48	0.25
1634-04-4	Methyl tert-butyl ether	0.48	U	4.8	0.48	0.41
108-88-3	Toluene	3.5	J	4.8	0.48	0.26
1330-20-7	Xylenes, Total	1.4	U	9.7	1.4	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	83	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	85		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	82		61-130
2037-26-5	Toluene-d8 (Surr)	91		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82568.D
Lims ID: 240-18703-B-10-A Client ID: 072SB-0084-0001-SO
Inject. Date: 18-Dec-2012 01:52:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015937-011
Misc. Info.: M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 9
Lims Batch ID: 69093 Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m
Last Update: 22-Dec-2012 01:45:29 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: XAWRK020

First Level Reviewer: latat Date: 18-Dec-2012 02:46:24

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.158	5.156	0.002	100	1535357	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.687	-0.009	91	1064164	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.875	0.003	99	482790	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.623	0.003	58	334111	42.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.895	-0.009	92	406876	41.0	
$ 7 Toluene-d8 (Surr)	98	6.424	6.421	0.003	95	1230002	45.5	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.763	-0.009	92	395328	41.5	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78		4.955					
72 Toluene	91	6.483	6.481	0.003	90	96544	3.67	
84 Ethylbenzene	106		7.805					
10 m-Xylene & p-Xylene	106		7.900					9
85 o-Xylene	106		8.278					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

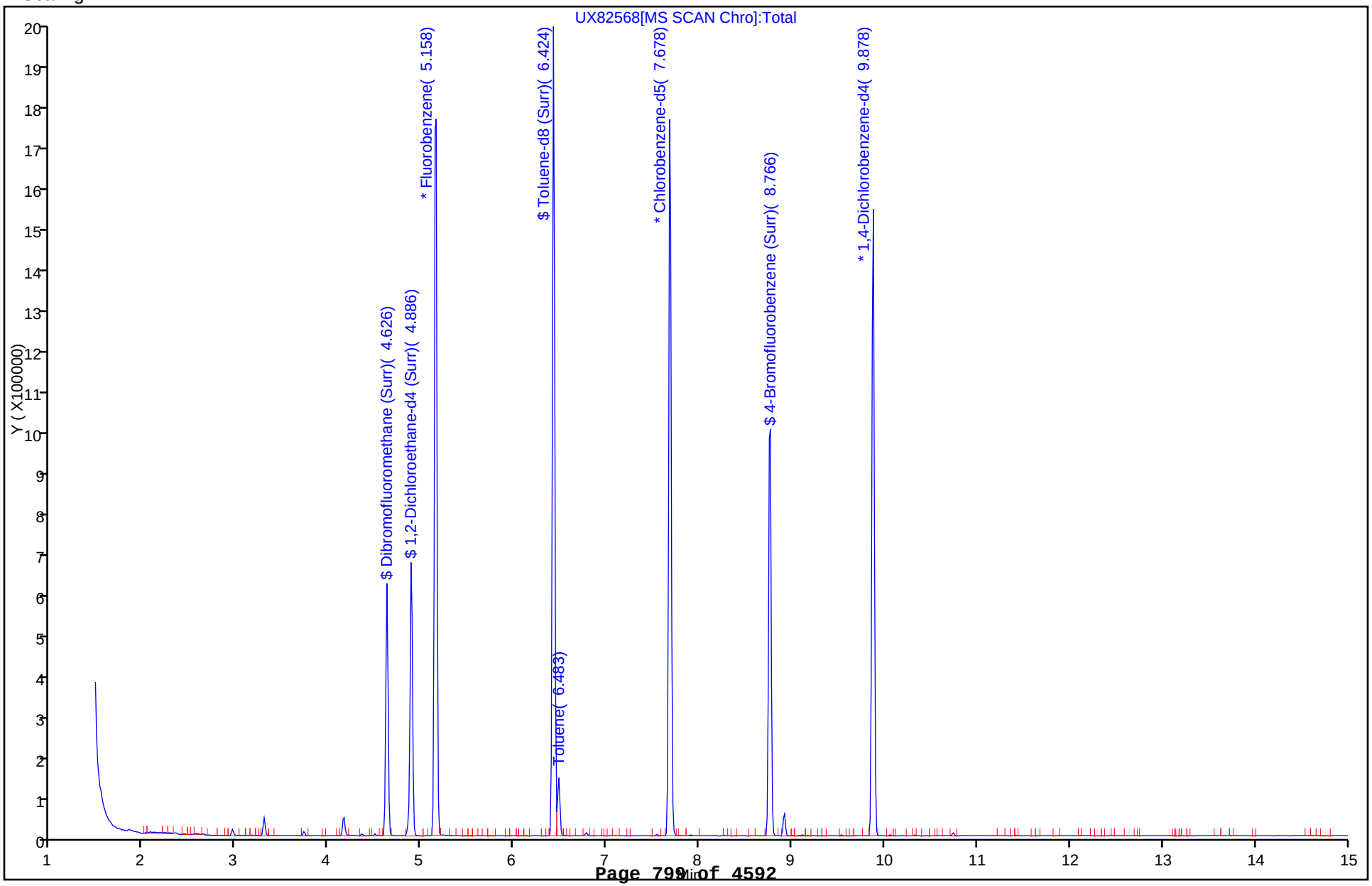
Report Date: 22-Dec-2012 01:45:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82568.D

Injection Date:	18-Dec-2012 01:52:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0084-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	11
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



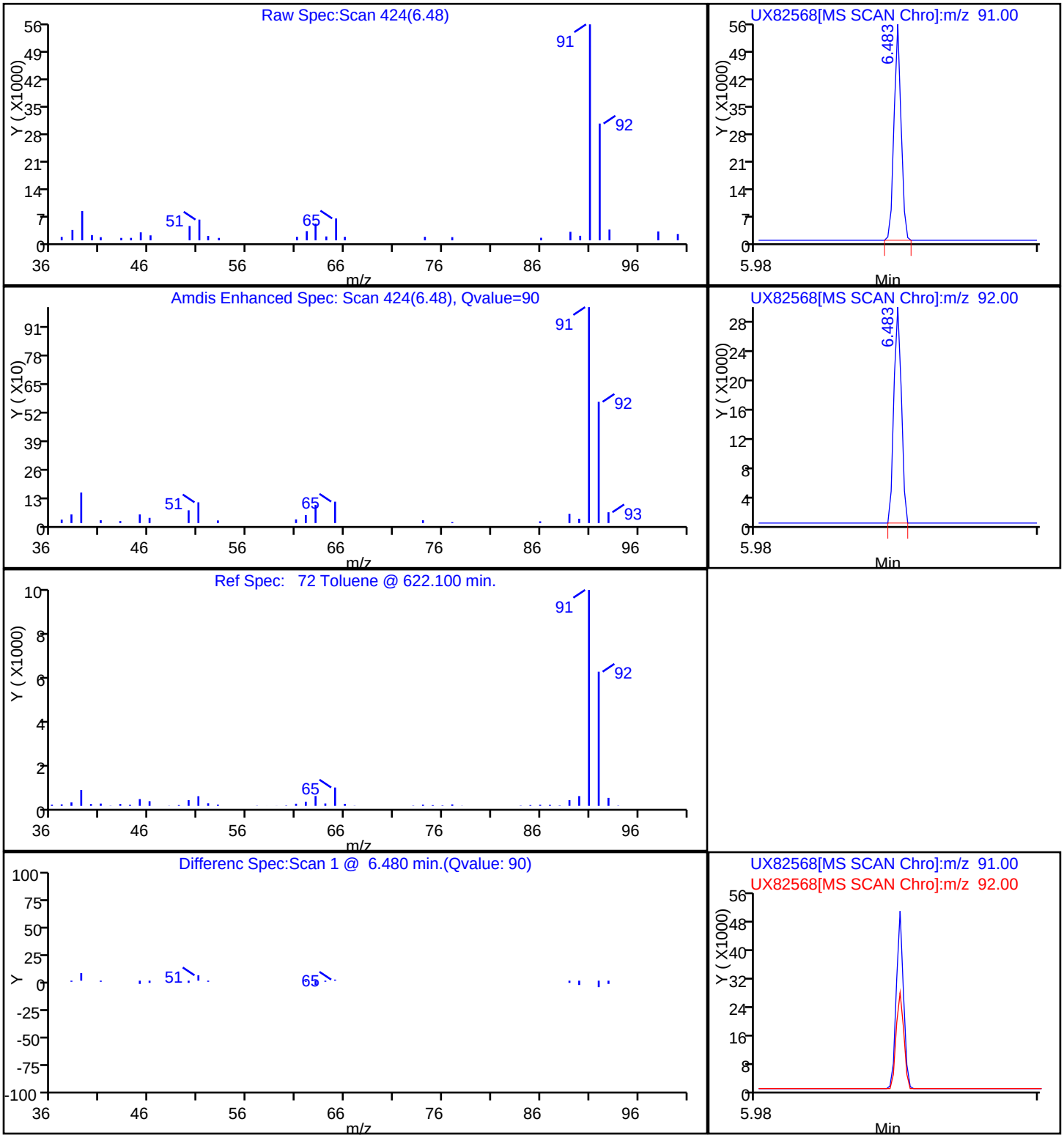
Report Date: 22-Dec-2012 01:45:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82568.D

Injection Date:	18-Dec-2012 01:52:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0084-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0085-0001-SO | Lab Sample ID: 240-18703-11

Matrix: Solid | Lab File ID: UX82569.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 12:05

Sample wt/vol: 4.936(g) | Date Analyzed: 12/18/2012 02:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.5 | Level: (low/med) Low

Analysis Batch No.: 69093 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.60	U	6.0	0.60	0.28
100-41-4	Ethylbenzene	0.60	U	6.0	0.60	0.31
1634-04-4	Methyl tert-butyl ether	0.60	U	6.0	0.60	0.52
108-88-3	Toluene	4.3	J	6.0	0.60	0.32
1330-20-7	Xylenes, Total	1.8	U	12	1.8	0.80

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	100		85-120
1868-53-7	Dibromofluoromethane (Surr)	97		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\20121217-15937.b\UX82569.D		
Lims ID:	240-18703-B-11-A	Client ID:	072SB-0085-0001-SO
Inject. Date:	18-Dec-2012 02:14:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015937-012		
Misc. Info.:	M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	10
Lims Batch ID:	69093	Lims Sample ID:	12
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m		
Last Update:	22-Dec-2012 01:45:29	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:	XAWRK020		
First Level Reviewer: latat		Date:	18-Dec-2012 02:47:18

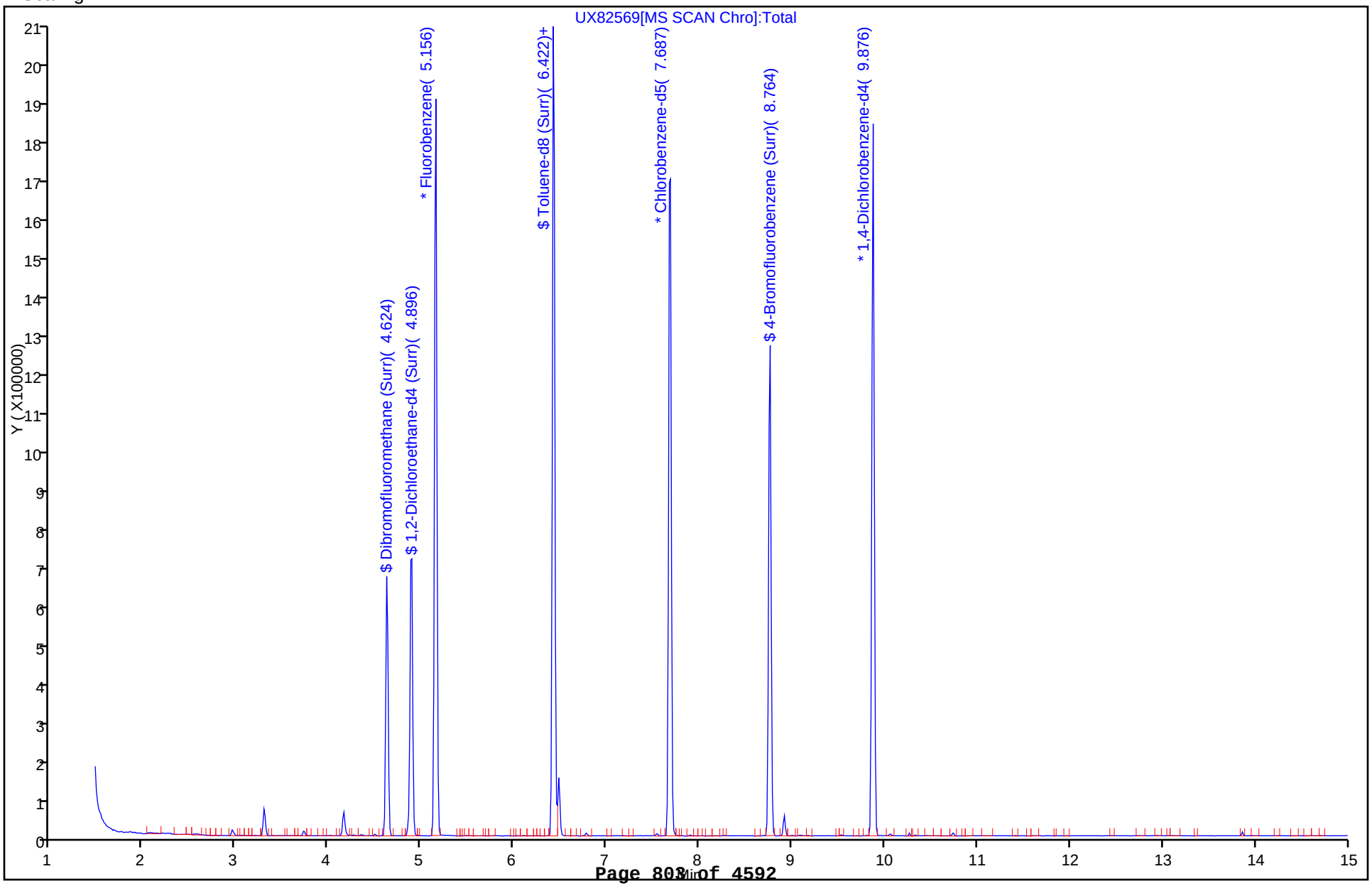
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.156	0.0	100	1503867	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.687	0.0	90	1060217	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.875	0.001	99	532216	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.623	0.001	59	363994	48.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.895	-0.011	91	455051	48.4	
$ 7 Toluene-d8 (Surr)	98	6.422	6.421	0.001	95	1322360	49.8	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.763	0.001	95	457819	50.1	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78		4.955					
72 Toluene	91	6.481	6.481	0.001	93	93709	3.57	
84 Ethylbenzene	106		7.805					
10 m-Xylene & p-Xylene	106		7.900					
85 o-Xylene	106		8.278					
S 114 Xylenes, Total	106		16.530					

Report Date: 22-Dec-2012 01:45:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82569.D		
Injection Date:	18-Dec-2012 02:14:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0085-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	12
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:

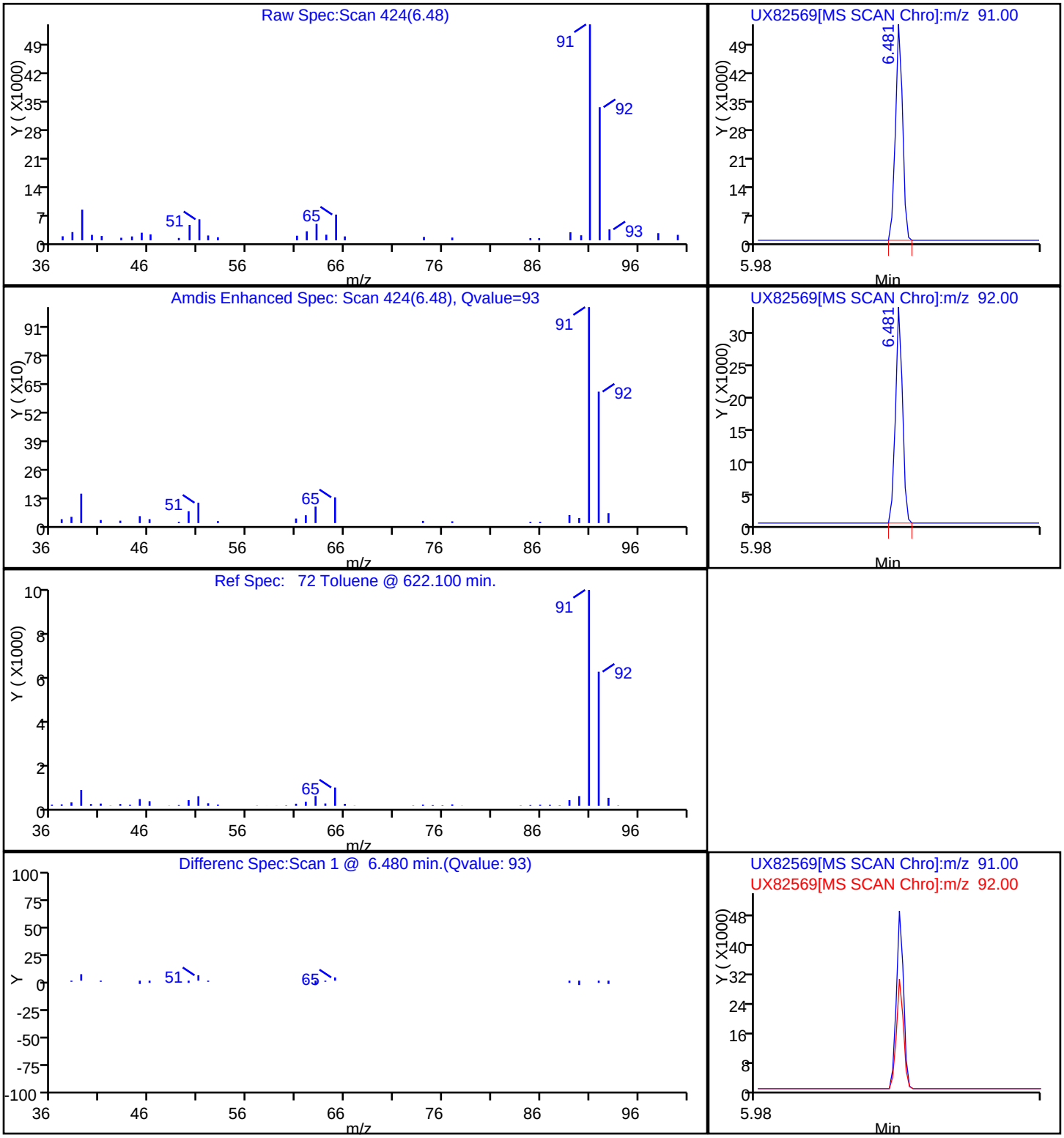


Report Date: 22-Dec-2012 01:45:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82569.D		
Injection Date:	18-Dec-2012 02:14:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0085-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0086-0001-SO | Lab Sample ID: 240-18703-12

Matrix: Solid | Lab File ID: UX82570.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 12:05

Sample wt/vol: 5.973(g) | Date Analyzed: 12/18/2012 02:35

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.: 69093 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.48	U	4.8	0.48	0.22
100-41-4	Ethylbenzene	0.48	U	4.8	0.48	0.25
1634-04-4	Methyl tert-butyl ether	0.48	U	4.8	0.48	0.41
108-88-3	Toluene	2.6	J	4.8	0.48	0.26
1330-20-7	Xylenes, Total	1.4	U	9.6	1.4	0.64

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	86		85-120
1868-53-7	Dibromofluoromethane (Surr)	85		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		61-130
2037-26-5	Toluene-d8 (Surr)	96		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82570.D		
Lims ID:	240-18703-B-12-A	Client ID:	072SB-0086-0001-SO
Inject. Date:	18-Dec-2012 02:35:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015937-013		
Misc. Info.:	M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	11
Lims Batch ID:	69093	Lims Sample ID:	13
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m		
Last Update:	22-Dec-2012 01:45:29	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:	XAWRK020		
First Level Reviewer: latat		Date:	18-Dec-2012 02:58:20

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.157	5.156	0.001	100	1558184	50.0	
* 2 Chlorobenzene-d5	117	7.688	7.687	0.001	90	1066907	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.875	0.001	99	479583	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.623	0.001	59	340388	42.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.885	4.895	-0.010	92	421689	42.1	
$ 7 Toluene-d8 (Surr)	98	6.422	6.421	0.001	95	1289688	48.0	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.763	0.001	94	408903	43.2	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78		4.955					
72 Toluene	91	6.482	6.481	0.002	92	72208	2.74	
84 Ethylbenzene	106		7.805					
10 m-Xylene & p-Xylene	106		7.900					
85 o-Xylene	106		8.278					
S 114 Xylenes, Total	106		16.530					

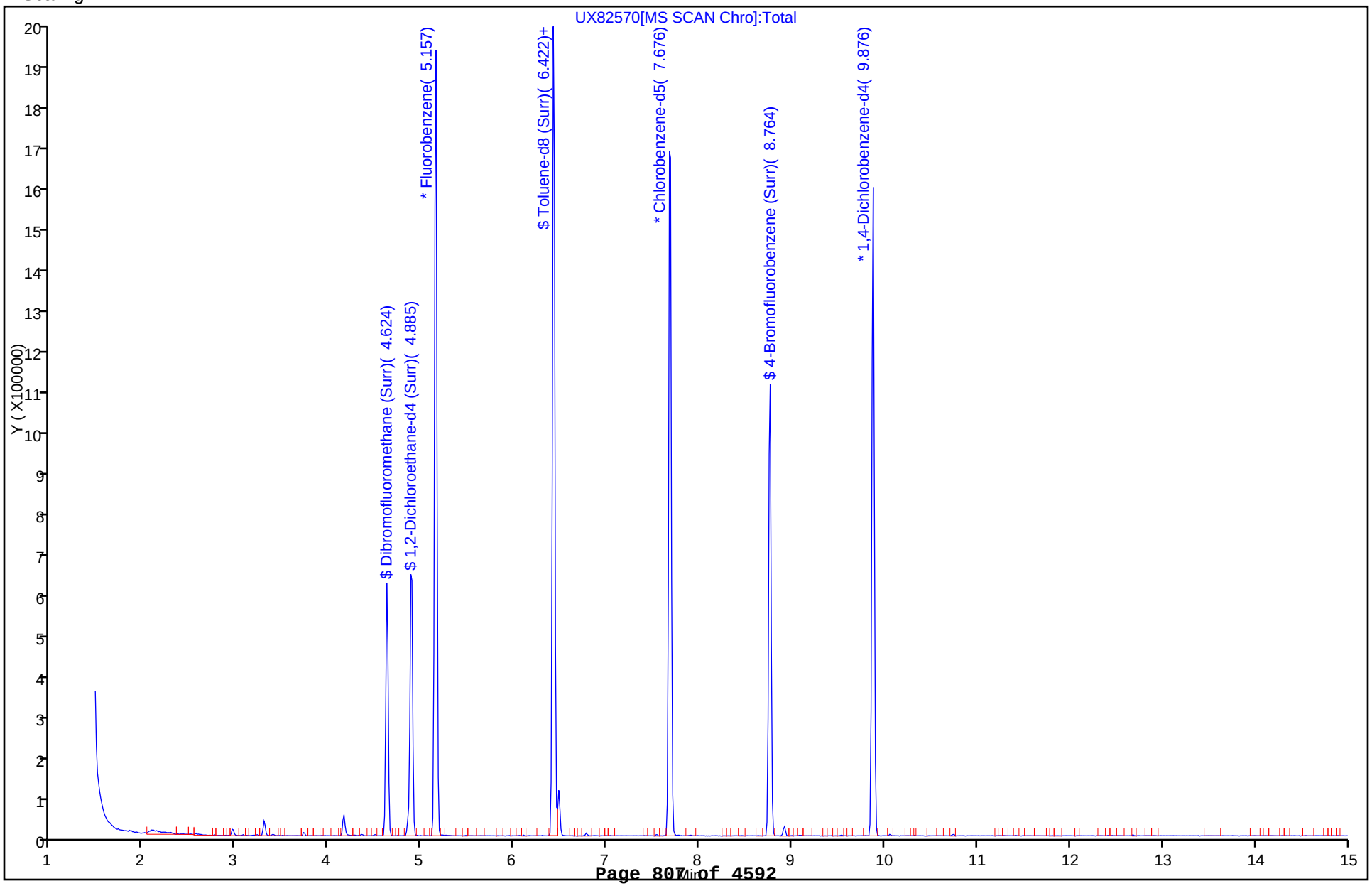
Report Date: 22-Dec-2012 01:45:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82570.D

Injection Date:	18-Dec-2012 02:35:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0086-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	13
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:

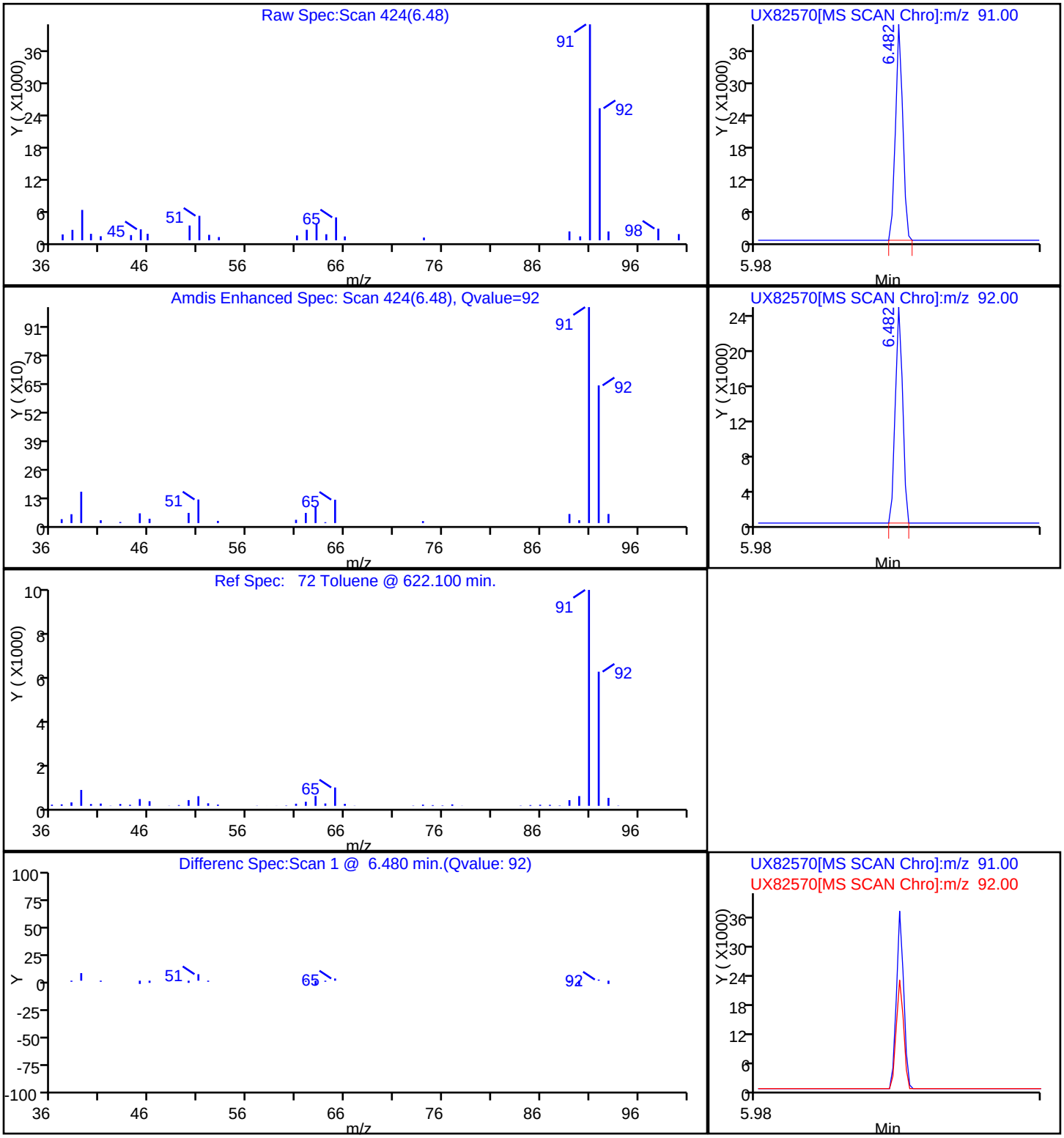


Report Date: 22-Dec-2012 01:45:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82570.D		
Injection Date:	18-Dec-2012 02:35:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0086-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0087-0001-SO | Lab Sample ID: 240-18703-13

Matrix: Solid | Lab File ID: UX82582.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 09:10

Sample wt/vol: 4.376(g) | Date Analyzed: 12/18/2012 06:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.8 | Level: (low/med) Low

Analysis Batch No.: 69093 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.61	U	6.1	0.61	0.28
100-41-4	Ethylbenzene	0.61	U	6.1	0.61	0.32
1634-04-4	Methyl tert-butyl ether	0.61	U	6.1	0.61	0.52
108-88-3	Toluene	6.2		6.1	0.61	0.33
1330-20-7	Xylenes, Total	1.8	U	12	1.8	0.81

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	92		85-120
1868-53-7	Dibromofluoromethane (Surr)	91		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		61-130
2037-26-5	Toluene-d8 (Surr)	96		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82582.D		
Lims ID:	240-18703-C-13-A	Client ID:	072SB-0087-0001-SO
Inject. Date:	18-Dec-2012 06:50:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015937-025		
Misc. Info.:	M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	23
Lims Batch ID:	69093	Lims Sample ID:	25
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m		
Last Update:	22-Dec-2012 01:45:29	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:	XAWRK020		
First Level Reviewer: latat		Date:	19-Dec-2012 01:56:55

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.156	-0.001	100	1512360	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.687	-0.001	90	1054045	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.874	9.875	-0.001	99	507432	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.622	4.623	-0.001	59	347973	45.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.895	4.895	-0.001	84	440929	46.3	
$ 7 Toluene-d8 (Surr)	98	6.420	6.421	-0.001	95	1277075	48.1	
$ 131 4-Bromofluorobenzene (Surr)	95	8.762	8.763	-0.001	92	426389	46.2	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78		4.955					
72 Toluene	91	6.480	6.481	0.0	92	133947	5.14	
84 Ethylbenzene	106		7.805					
10 m-Xylene & p-Xylene	106	7.911	7.900	0.011	1	1957	0.1813	
85 o-Xylene	106		8.278					
S 114 Xylenes, Total	106				0		0.1813	

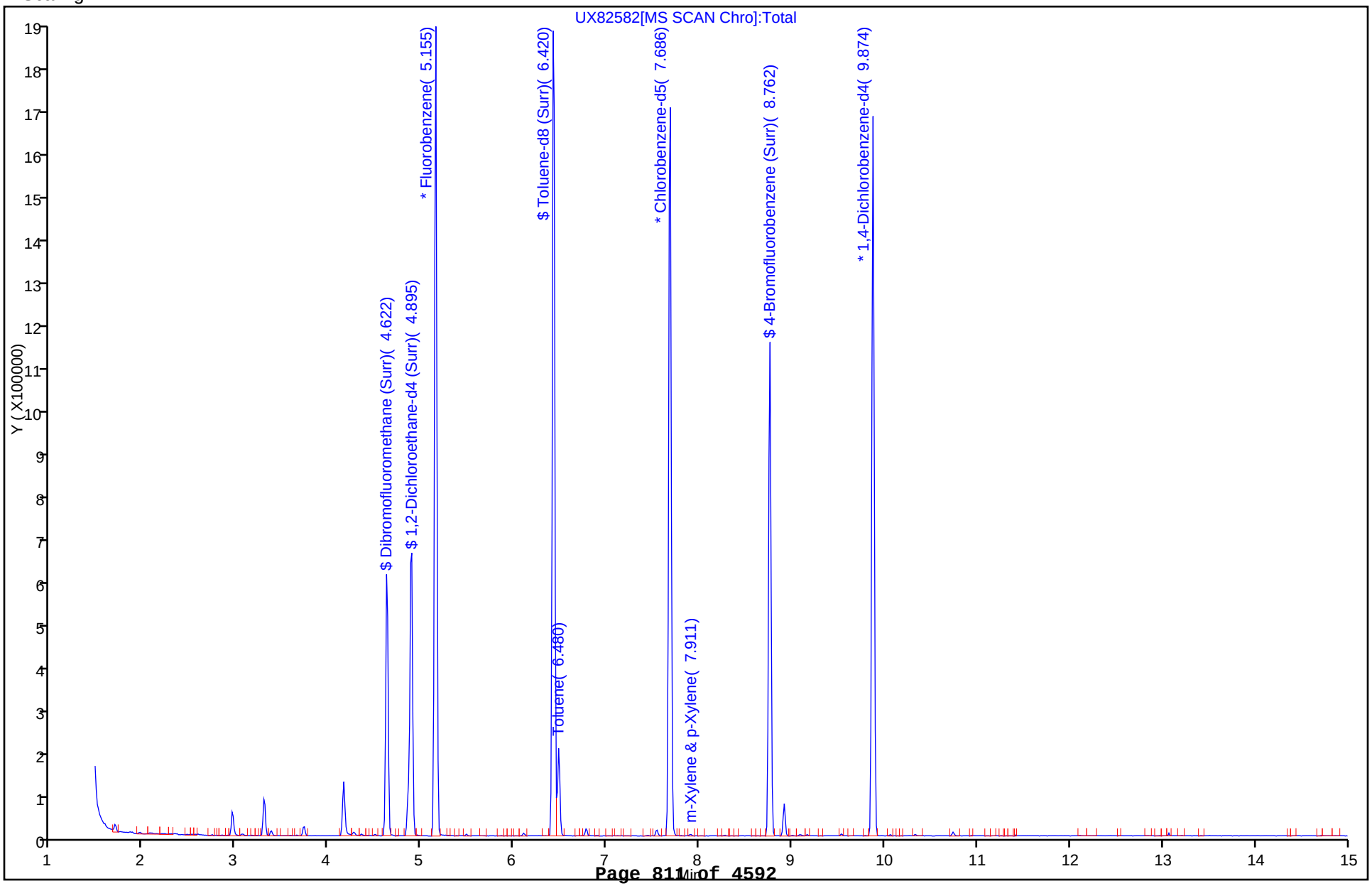
Report Date: 22-Dec-2012 01:45:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82582.D

Injection Date:	18-Dec-2012 06:50:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0087-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	25
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



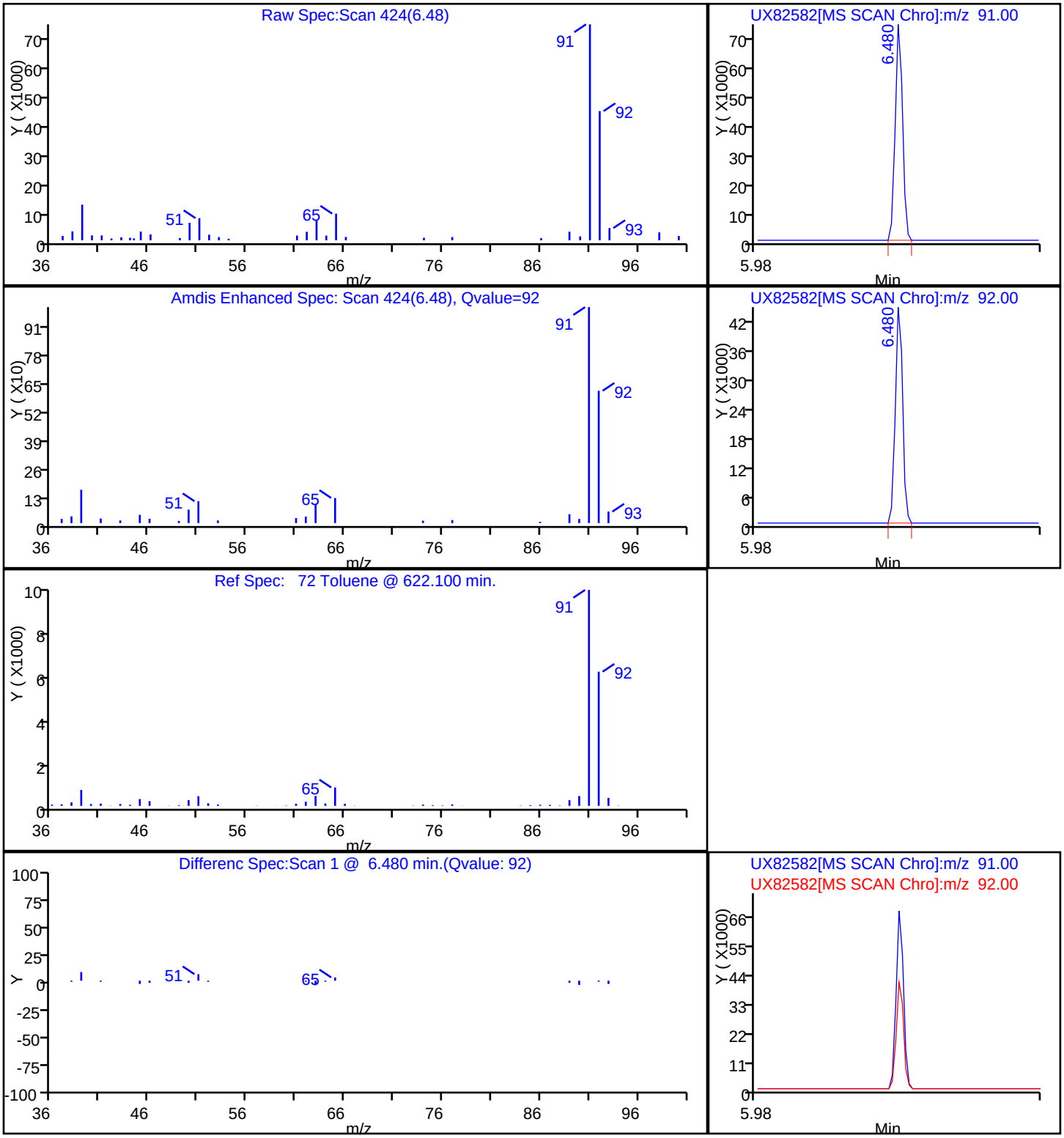
Report Date: 22-Dec-2012 01:45:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82582.D

Injection Date:	18-Dec-2012 06:50:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0087-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0088-0001-SO | Lab Sample ID: 240-18703-14

Matrix: Solid | Lab File ID: UX82572.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 09:30

Sample wt/vol: 5.656(g) | Date Analyzed: 12/18/2012 03:18

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.: 69093 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.49	U	4.9	0.49	0.22
100-41-4	Ethylbenzene	0.49	U	4.9	0.49	0.25
1634-04-4	Methyl tert-butyl ether	0.49	U	4.9	0.49	0.42
108-88-3	Toluene	5.2		4.9	0.49	0.26
1330-20-7	Xylenes, Total	1.5	U	9.7	1.5	0.65

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)	87		61-130
2037-26-5	Toluene-d8 (Surr)	97		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82572.D
Lims ID: 240-18703-B-14-A Client ID: 072SB-0088-0001-SO
Inject. Date: 18-Dec-2012 03:18:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015937-015
Misc. Info.: M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 69093 Lims Sample ID: 15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m
Last Update: 22-Dec-2012 01:45:29 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: XAWRK020

First Level Reviewer: latat Date: 18-Dec-2012 03:59:29

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.156	-0.001	100	1530468	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.687	-0.001	90	1044334	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.874	9.875	-0.001	99	456208	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.622	4.623	-0.001	59	354748	45.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.895	4.895	-0.001	92	425178	43.5	
$ 7 Toluene-d8 (Surr)	98	6.420	6.421	-0.001	95	1267771	48.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.762	8.763	-0.001	93	395183	42.5	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78		4.955					
72 Toluene	91	6.480	6.481	0.0	93	138853	5.37	
84 Ethylbenzene	106		7.805					9
10 m-Xylene & p-Xylene	106	7.899	7.900	-0.001	1	1676	0.1567	
85 o-Xylene	106		8.278					
S 114 Xylenes, Total	106				0		0.1567	

QC Flag Legend

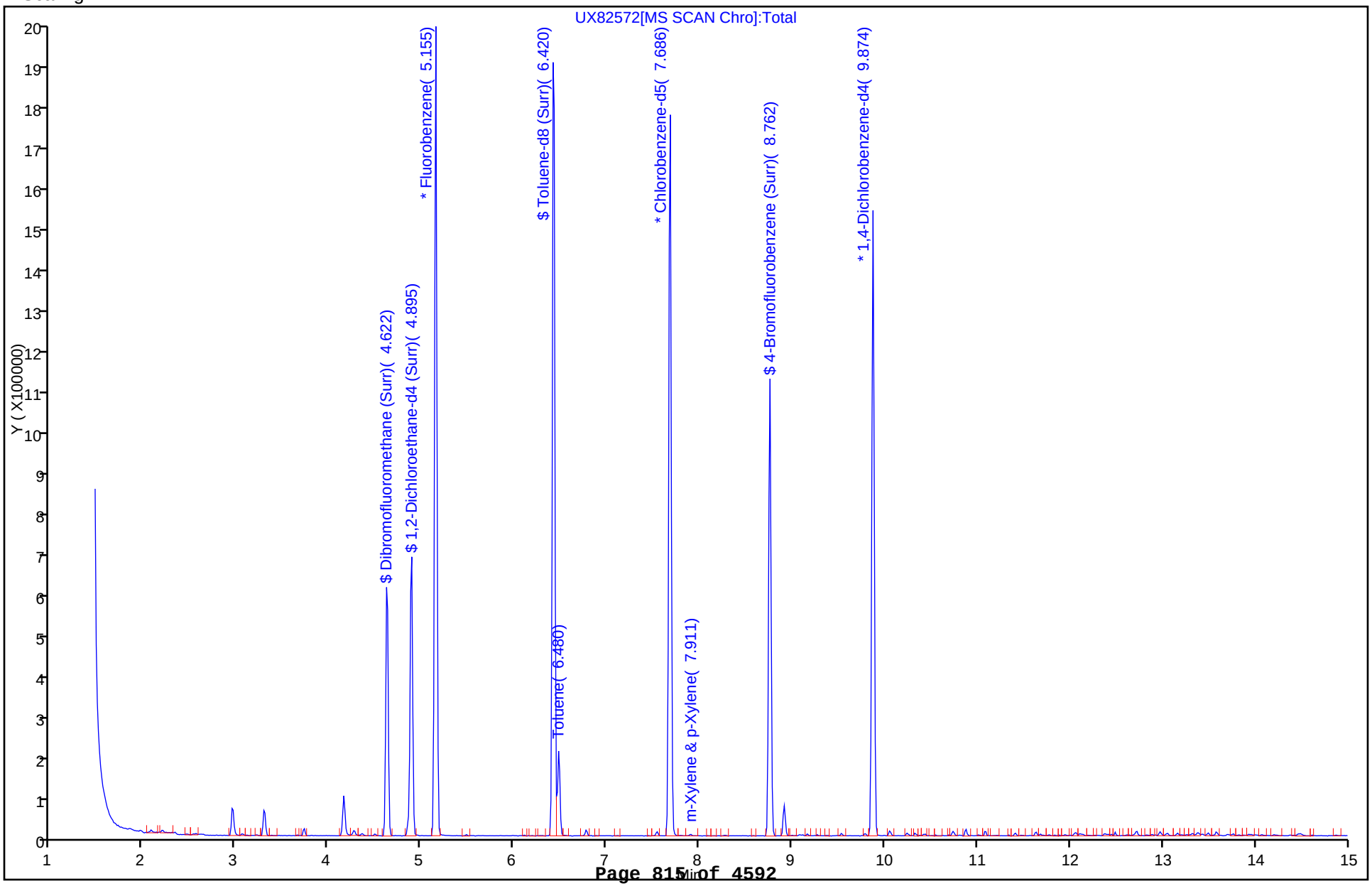
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 22-Dec-2012 01:45:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82572.D		
Injection Date:	18-Dec-2012 03:18:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0088-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	15
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:

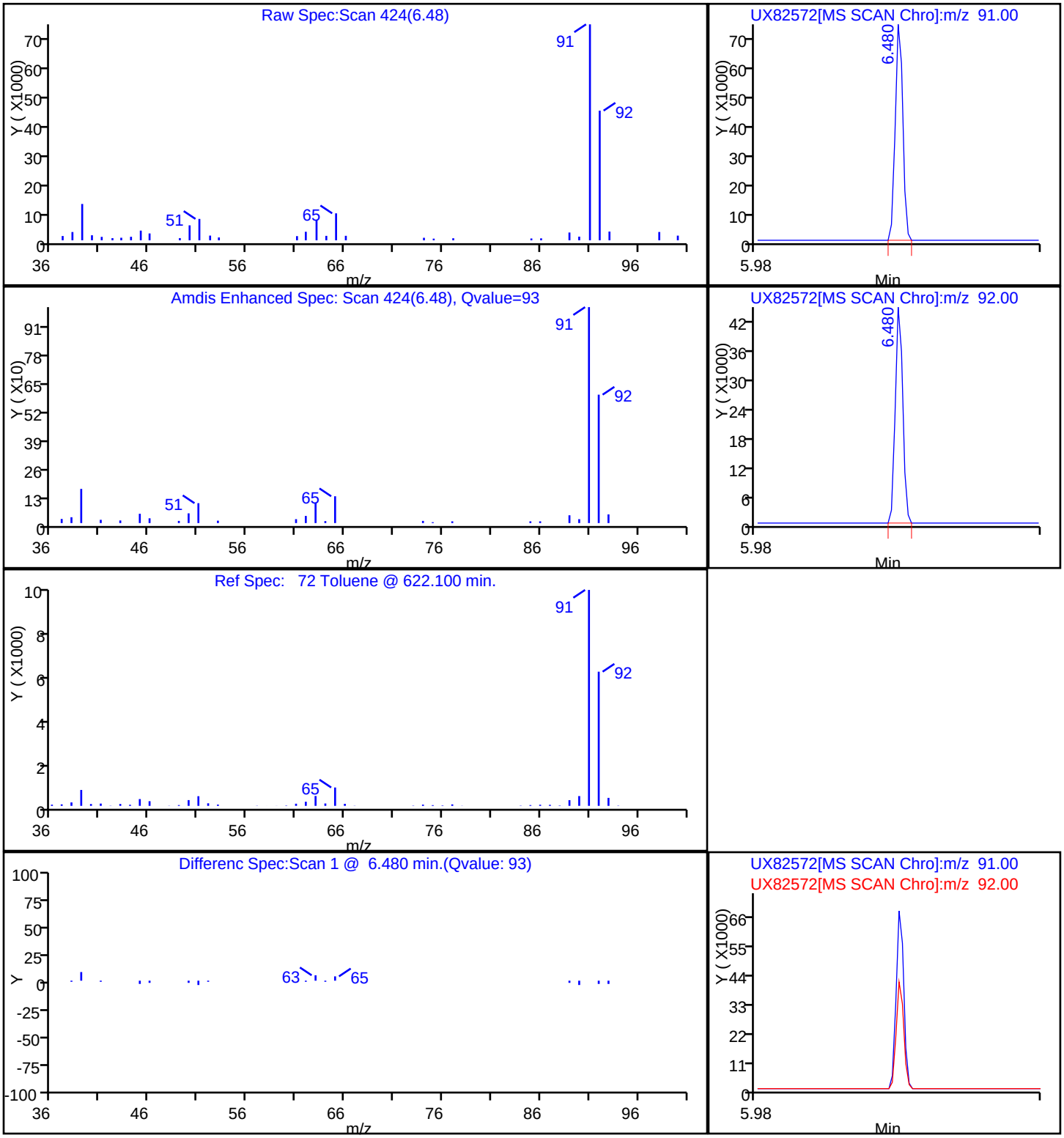


Report Date: 22-Dec-2012 01:45:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82572.D		
Injection Date:	18-Dec-2012 03:18:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0088-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	15
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0089-0001-SO | Lab Sample ID: 240-18703-15

Matrix: Solid | Lab File ID: UX82583.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 09:40

Sample wt/vol: 4.956(g) | Date Analyzed: 12/18/2012 07:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.0 | Level: (low/med) Low

Analysis Batch No.: 69093 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.56	U	5.6	0.56	0.26
100-41-4	Ethylbenzene	0.56	U	5.6	0.56	0.29
1634-04-4	Methyl tert-butyl ether	0.56	U	5.6	0.56	0.48
108-88-3	Toluene	3.8	J	5.6	0.56	0.30
1330-20-7	Xylenes, Total	1.7	U	11	1.7	0.75

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)	90		61-130
2037-26-5	Toluene-d8 (Surr)	98		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82583.D
Lims ID: 240-18703-C-15-A Client ID: 072SB-0089-0001-SO
Inject. Date: 18-Dec-2012 07:11:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015937-026
Misc. Info.: M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 24
Lims Batch ID: 69093 Lims Sample ID: 26
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m
Last Update: 22-Dec-2012 01:45:29 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: XAWRK020

First Level Reviewer: latat Date: 19-Dec-2012 01:58:20

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.156	0.0	100	1475520	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.687	0.0	90	1036833	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.875	0.001	99	466598	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.623	0.001	58	348884	46.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.895	-0.011	92	421993	45.2	
$ 7 Toluene-d8 (Surr)	98	6.422	6.421	0.001	95	1278314	49.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.763	0.001	95	406362	44.4	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78		4.955					9
72 Toluene	91	6.481	6.481	0.001	92	87357	3.41	
84 Ethylbenzene	106		7.805					
10 m-Xylene & p-Xylene	106		7.900					
85 o-Xylene	106		8.278					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

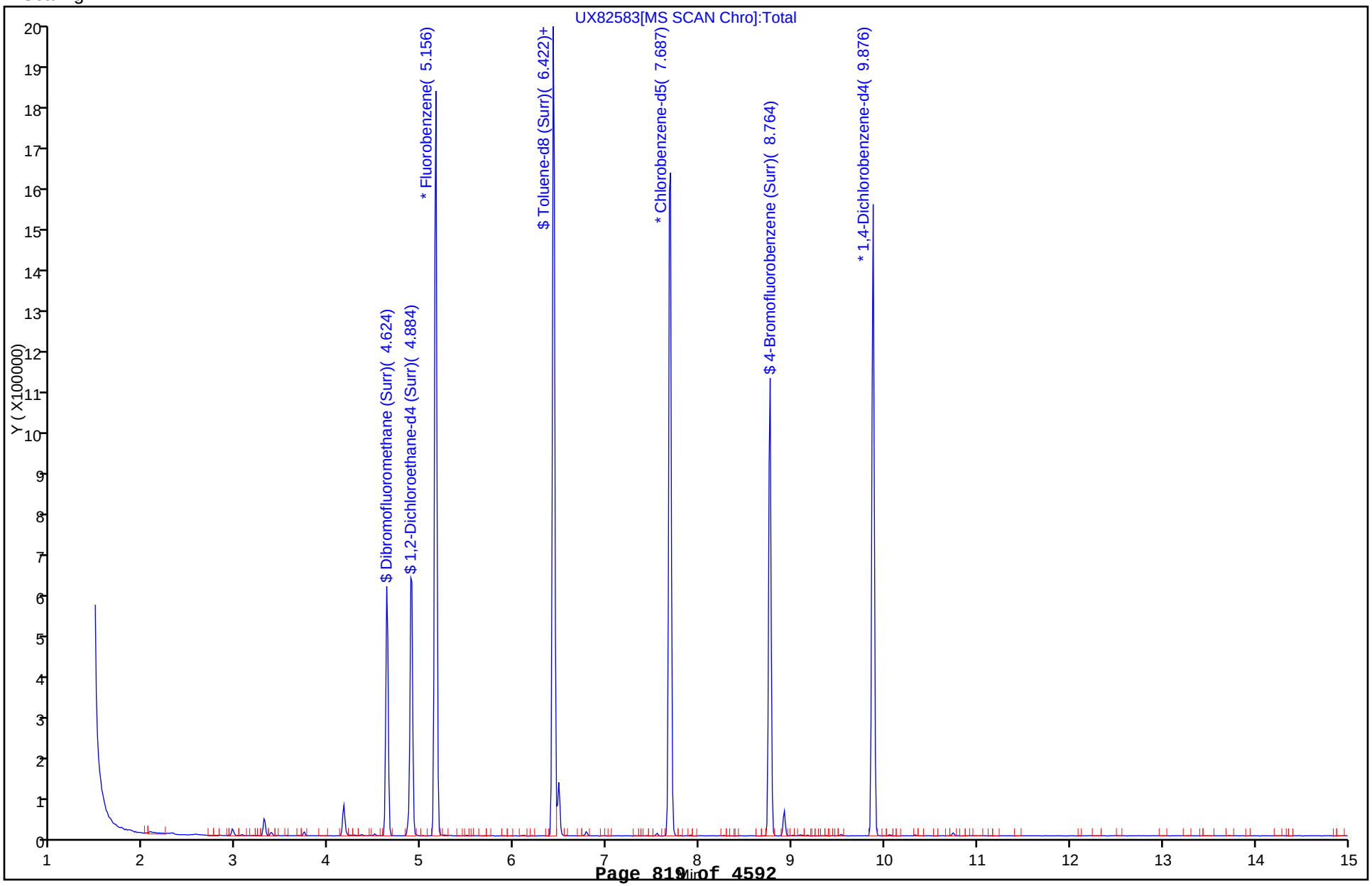
Report Date: 22-Dec-2012 01:45:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82583.D

Injection Date:	18-Dec-2012 07:11:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0089-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	26
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:

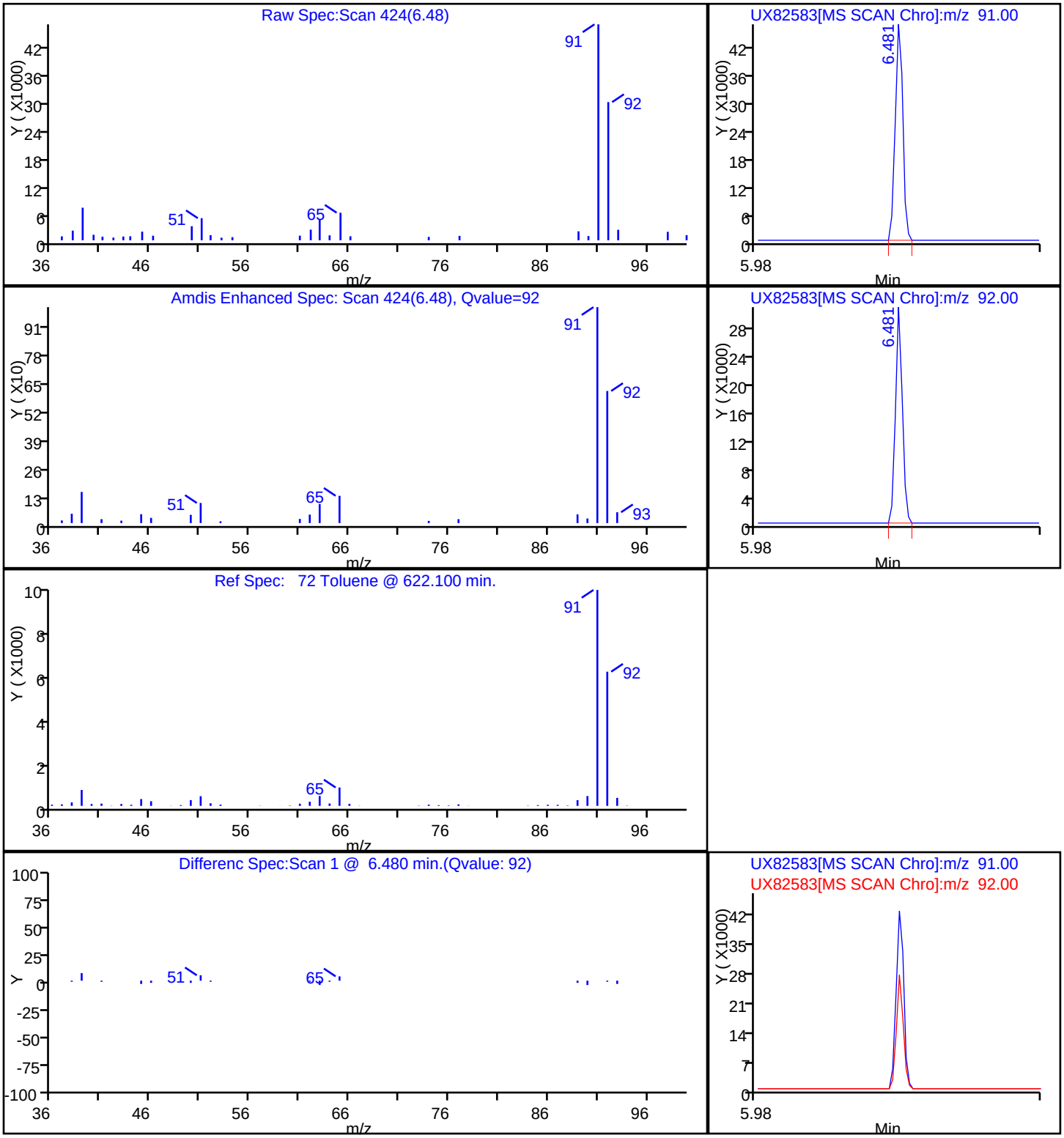


Report Date: 22-Dec-2012 01:45:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82583.D		
Injection Date:	18-Dec-2012 07:11:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0089-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0090-0001-SO | Lab Sample ID: 240-18703-16

Matrix: Solid | Lab File ID: UX82574.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 09:55

Sample wt/vol: 5.283(g) | Date Analyzed: 12/18/2012 04:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.9 | Level: (low/med) Low

Analysis Batch No.: 69093 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.53	U	5.3	0.53	0.24
100-41-4	Ethylbenzene	0.53	U	5.3	0.53	0.27
1634-04-4	Methyl tert-butyl ether	0.53	U	5.3	0.53	0.45
108-88-3	Toluene	2.8	J	5.3	0.53	0.28
1330-20-7	Xylenes, Total	1.6	U	11	1.6	0.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	91		85-120
1868-53-7	Dibromofluoromethane (Surr)	88		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		61-130
2037-26-5	Toluene-d8 (Surr)	94		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82574.D		
Lims ID:	240-18703-B-16-A	Client ID:	072SB-0090-0001-SO
Inject. Date:	18-Dec-2012 04:00:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015937-017		
Misc. Info.:	M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	15
Lims Batch ID:	69093	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m		
Last Update:	22-Dec-2012 01:45:29	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:	XAWRK020		
First Level Reviewer: latat		Date:	19-Dec-2012 01:47:14

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.156	0.0	100	1542444	50.0	
* 2 Chlorobenzene-d5	117	7.688	7.687	0.001	90	1083556	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.875	0.001	98	537073	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.623	0.001	58	347251	44.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.895	-0.011	92	439875	45.0	
$ 7 Toluene-d8 (Surr)	98	6.422	6.421	0.001	95	1290480	47.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.763	0.001	95	434189	45.6	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78		4.955					
72 Toluene	91	6.481	6.481	0.001	91	70255	2.62	
84 Ethylbenzene	106		7.805					
10 m-Xylene & p-Xylene	106		7.900					
85 o-Xylene	106		8.278					
S 114 Xylenes, Total	106		16.530					

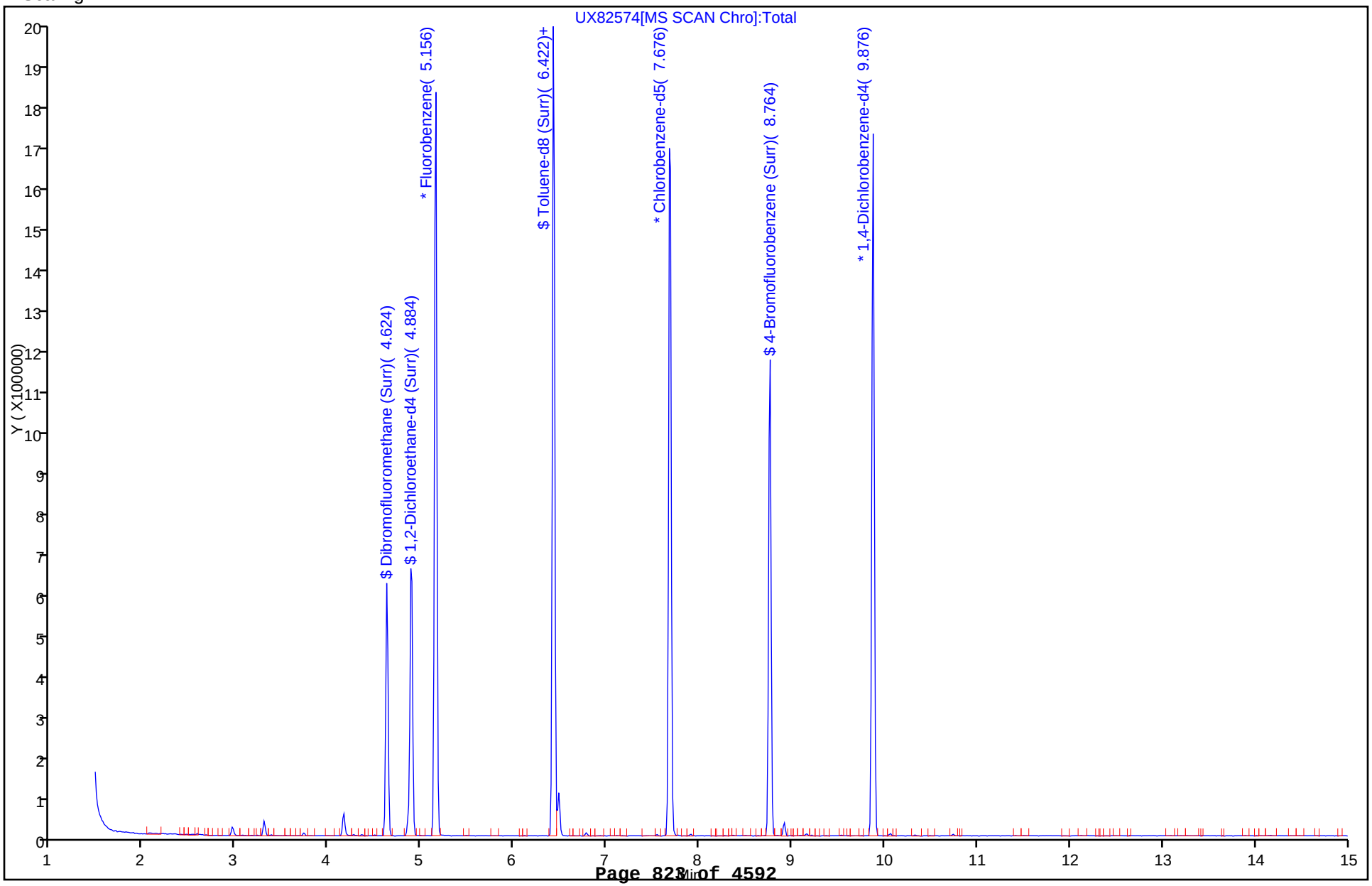
Report Date: 22-Dec-2012 01:45:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82574.D

Injection Date:	18-Dec-2012 04:00:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0090-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	17
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:

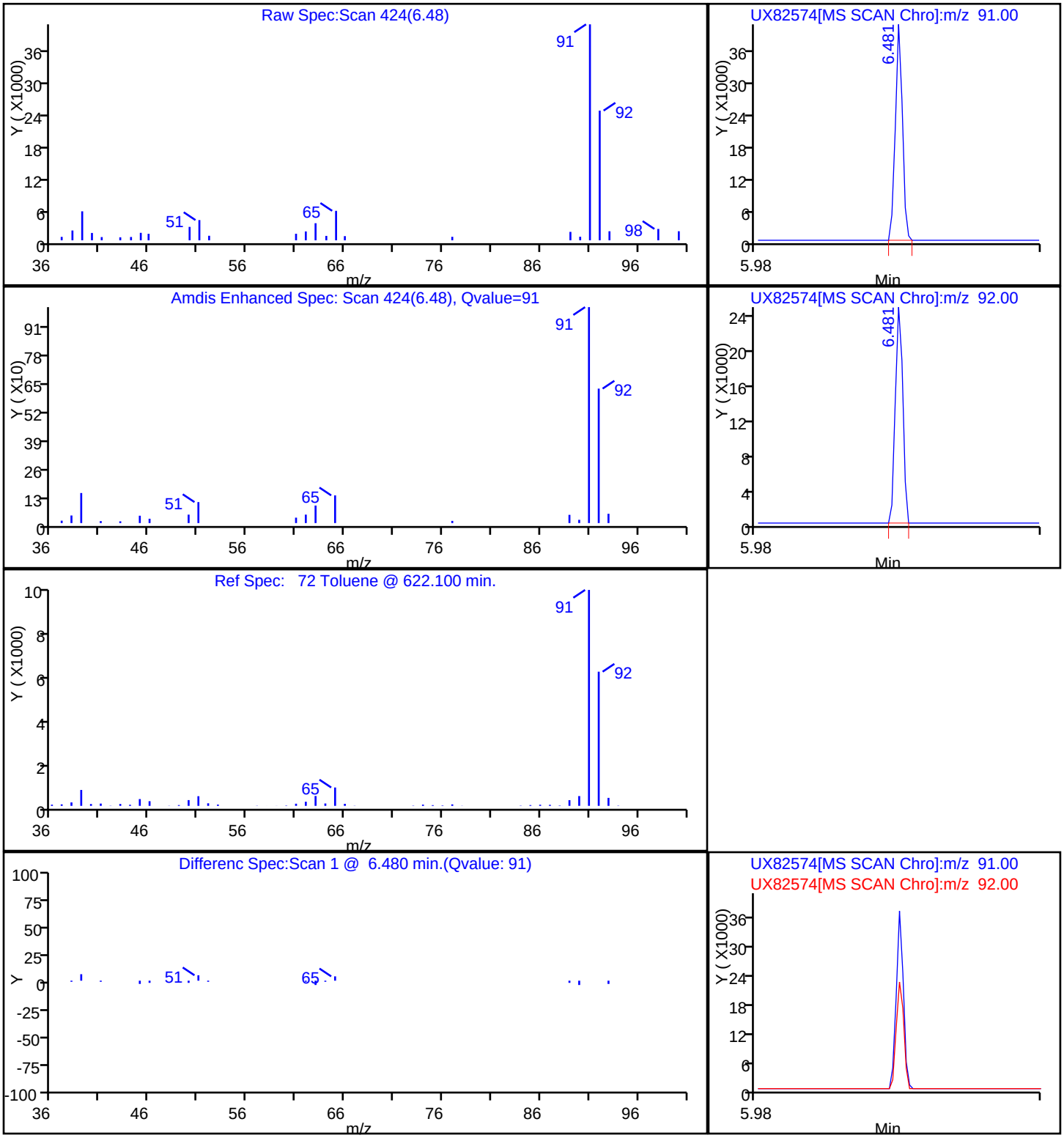


Report Date: 22-Dec-2012 01:45:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82574.D		
Injection Date:	18-Dec-2012 04:00:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0090-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0091-0001-SO | Lab Sample ID: 240-18703-17

Matrix: Solid | Lab File ID: UX82575.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 12:25

Sample wt/vol: 4.376(g) | Date Analyzed: 12/18/2012 04:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.4 | Level: (low/med) Low

Analysis Batch No.: 69093 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.65	U	6.5	0.65	0.30
100-41-4	Ethylbenzene	0.65	U	6.5	0.65	0.34
1634-04-4	Methyl tert-butyl ether	0.65	U	6.5	0.65	0.56
108-88-3	Toluene	5.0	J	6.5	0.65	0.35
1330-20-7	Xylenes, Total	2.0	U	13	2.0	0.87

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	85		85-120
1868-53-7	Dibromofluoromethane (Surr)	89		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		61-130
2037-26-5	Toluene-d8 (Surr)	96		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82575.D
Lims ID: 240-18703-B-17-A Client ID: 072SB-0091-0001-SO
Inject. Date: 18-Dec-2012 04:21:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015937-018
Misc. Info.: M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 16
Lims Batch ID: 69093 Lims Sample ID: 18
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m
Last Update: 22-Dec-2012 01:45:29 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: XAWRK020

First Level Reviewer: latat Date: 19-Dec-2012 01:49:11

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.156	0.0	100	1458607	50.0	
* 2 Chlorobenzene-d5	117	7.688	7.687	0.001	90	1000484	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.876	9.875	0.001	99	432751	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.623	0.001	59	331174	44.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.895	-0.011	92	405186	43.5	
$ 7 Toluene-d8 (Surr)	98	6.422	6.421	0.001	95	1211409	48.1	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.763	0.001	94	379529	42.6	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78		4.955					
72 Toluene	91	6.481	6.481	0.001	96	95276	3.85	
84 Ethylbenzene	106		7.805					
10 m-Xylene & p-Xylene	106		7.900					9
85 o-Xylene	106		8.278					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

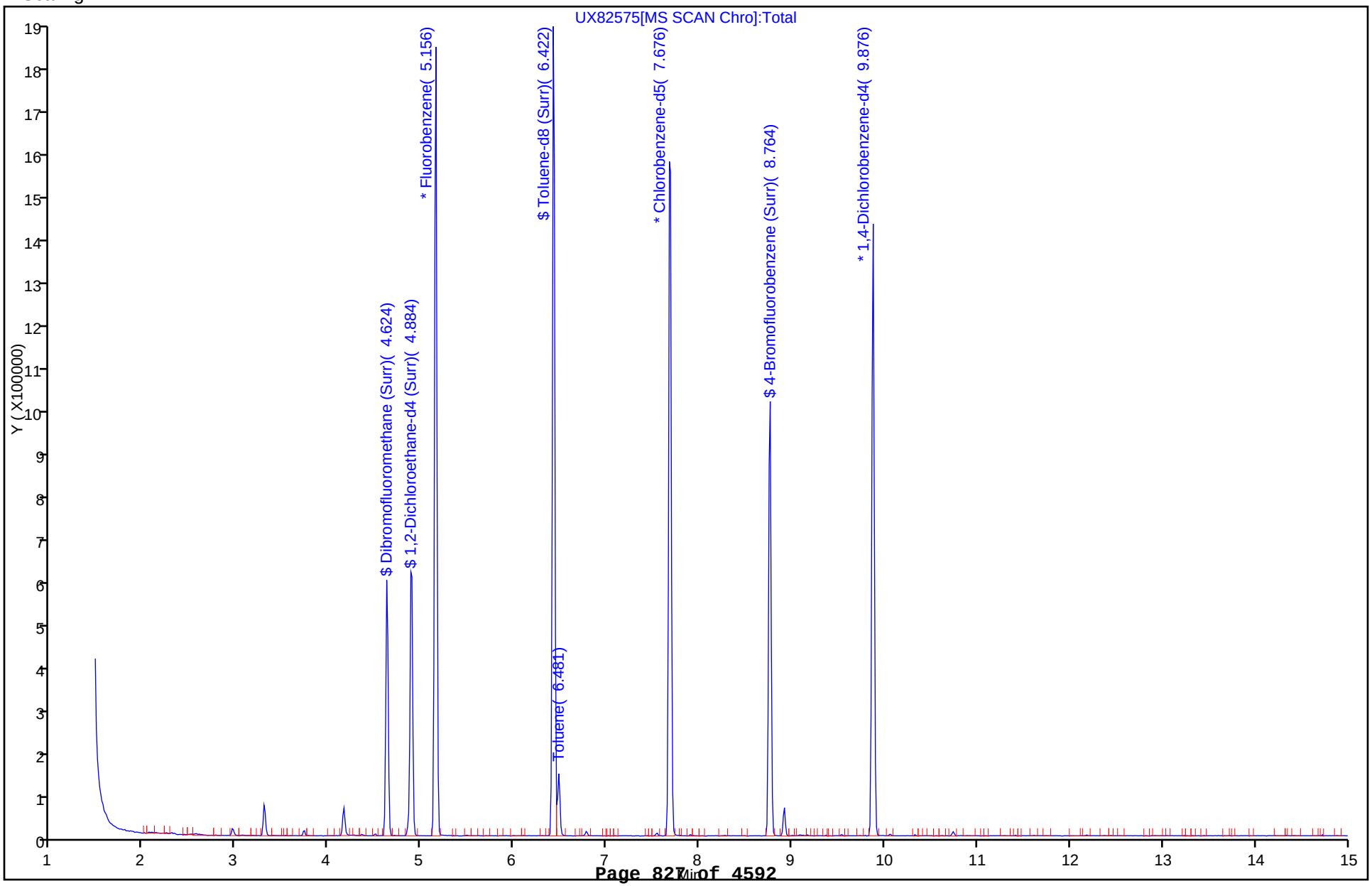
Report Date: 22-Dec-2012 01:45:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82575.D

Injection Date:	18-Dec-2012 04:21:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0091-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	18
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



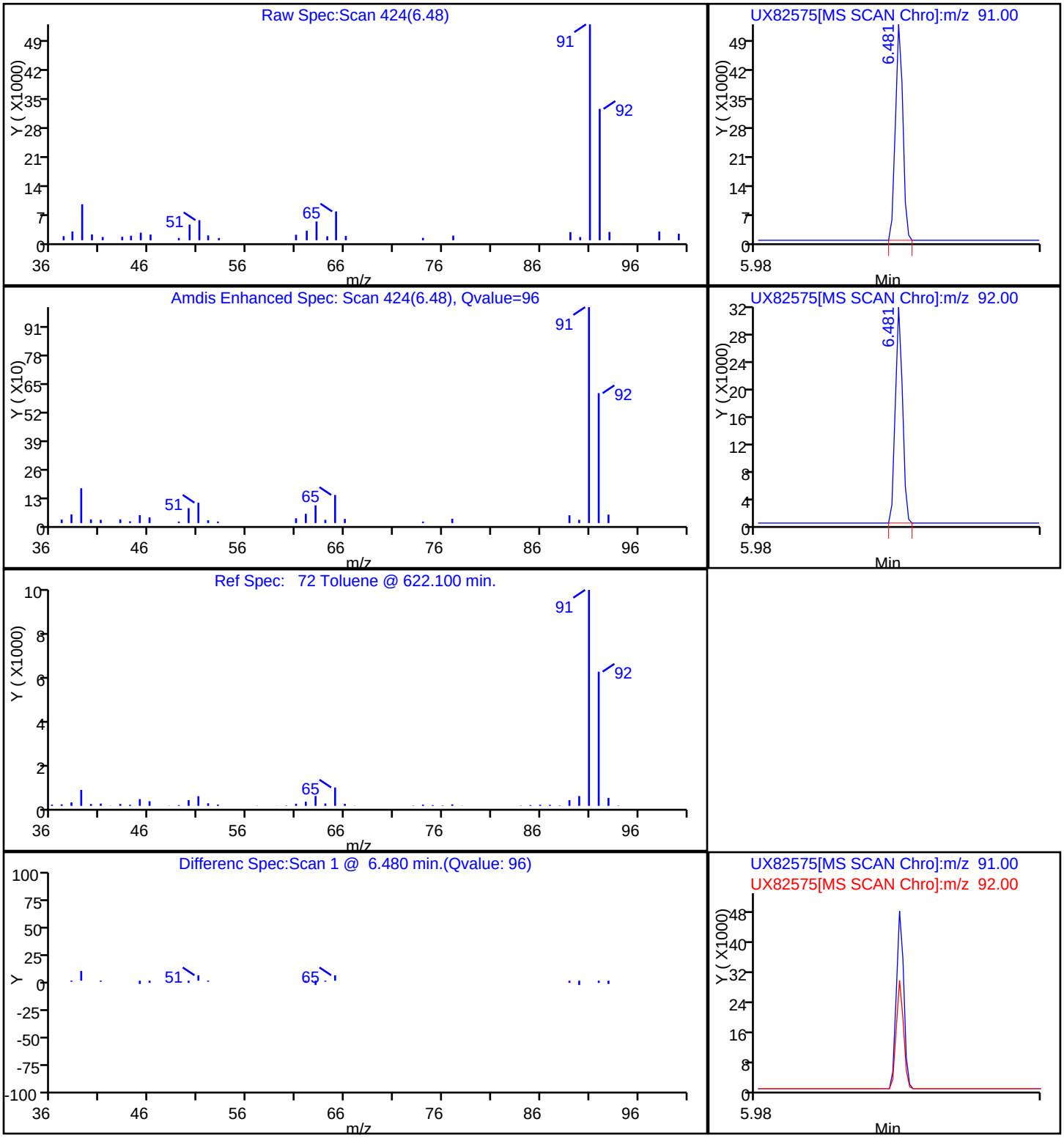
Report Date: 22-Dec-2012 01:45:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82575.D

Injection Date:	18-Dec-2012 04:21:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0091-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0075-0001-SO | Lab Sample ID: 240-18703-18

Matrix: Solid | Lab File ID: UX82533.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 13:45

Sample wt/vol: 6.517(g) | Date Analyzed: 12/17/2012 02:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.8 | Level: (low/med) Low

Analysis Batch No.: 68905 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.88	U	4.4	0.88	0.49
79-34-5	1,1,2,2-Tetrachloroethane	0.44	U	4.4	0.44	0.30
79-00-5	1,1,2-Trichloroethane	0.44	U	4.4	0.44	0.34
75-34-3	1,1-Dichloroethane	0.44	U	4.4	0.44	0.32
75-35-4	1,1-Dichloroethene	0.88	U	4.4	0.88	0.46
106-93-4	1,2-Dibromoethane	0.88	U	4.4	0.88	0.44
107-06-2	1,2-Dichloroethane	0.82	J	4.4	0.44	0.30
540-59-0	1,2-Dichloroethene, Total	0.88	U	8.8	0.88	0.68
78-87-5	1,2-Dichloropropane	0.88	U	4.4	0.88	0.61
78-93-3	2-Butanone (MEK)	1.8	U	18	1.8	1.2
591-78-6	2-Hexanone	0.88	U	18	0.88	0.55
108-10-1	4-Methyl-2-pentanone (MIBK)	0.88	U	18	0.88	0.48
67-64-1	Acetone	5.5	U	18	5.5	5.5
71-43-2	Benzene	0.44	U	4.4	0.44	0.20
74-97-5	Bromochloromethane	0.88	U	4.4	0.88	0.62
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	0.88	U	4.4	0.88	0.48
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	0.88	U	4.4	0.88	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	0.88	U	4.4	0.88	0.48
100-41-4	Ethylbenzene	0.44	U	4.4	0.44	0.23
1634-04-4	Methyl tert-butyl ether	0.44	U	4.4	0.44	0.38
75-09-2	Methylene Chloride	1.0	J	4.4	0.88	0.59
100-42-5	Styrene	0.44	U	4.4	0.44	0.13
127-18-4	Tetrachloroethene	0.88	U	4.4	0.88	0.46
108-88-3	Toluene	3.8	J	4.4	0.44	0.24
10061-02-6	trans-1,3-Dichloropropene	0.88	U	4.4	0.88	0.48
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	0.34
1330-20-7	Xylenes, Total	1.3	U	8.8	1.3	0.59

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0075-0001-SO Lab Sample ID: 240-18703-18

Matrix: Solid Lab File ID: UX82533.D

Analysis Method: 8260B/DoD Date Collected: 12/10/2012 13:45

Sample wt/vol: 6.517(g) Date Analyzed: 12/17/2012 02:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.8 Level: (low/med) Low

Analysis Batch No.: 68905 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		61-130
460-00-4	4-Bromofluorobenzene (Surr)	95		85-120
1868-53-7	Dibromofluoromethane (Surr)	97		59-138
2037-26-5	Toluene-d8 (Surr)	94		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82533.D
Lims ID: 240-18703-B-18-A Client ID: 072SB-0075-0001-SO
Inject. Date: 17-Dec-2012 02:03:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015896-009
Misc. Info.: M21216A,8260SUX8,,402279 =M21216A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 8
Lims Batch ID: 68905 Lims Sample ID: 9
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 02:31:52

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	1499737	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.686	0.0	90	1074115	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.874	0.001	98	533293	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.623	0.0	59	363568	48.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.883	4.884	-0.001	91	481921	52.1	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1271864	46.8	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	94	446146	47.7	
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	2.955	2.956	-0.001	91	29711	2.38	
26 Carbon disulfide	76		3.109					
30 Methylene Chloride	84	3.298	3.299	-0.001	86	19294	1.18	
34 Methyl tert-butyl ether	73		3.523					
33 trans-1,2-Dichloroethene	96		3.523					
36 1,1-Dichloroethane	63		3.831					
41 2-Butanone (MEK)	43		4.268					9
42 cis-1,2-Dichloroethene	96		4.268					
47 Chlorobromomethane	128		4.458					
49 Chloroform	83		4.505					
50 1,1,1-Trichloroethane	97		4.659					
53 Carbon tetrachloride	117		4.801					
55 Benzene	78		4.943					
56 1,2-Dichloroethane	62	4.942	4.943	-0.001	37	9954	0.9281	
60 Trichloroethene	130		5.439					
62 1,2-Dichloropropane	63		5.617					
67 Dichlorobromomethane	83		5.818					
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	6.480	0.0	92	115454	4.34	
73 trans-1,3-Dichloropropene	75		6.646					
75 1,1,2-Trichloroethane	97		6.800					
77 Tetrachloroethene	164		6.954					
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		7.793					
10 m-Xylene & p-Xylene	106		7.900					9
85 o-Xylene	106		8.267					
86 Styrene	104		8.278					
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

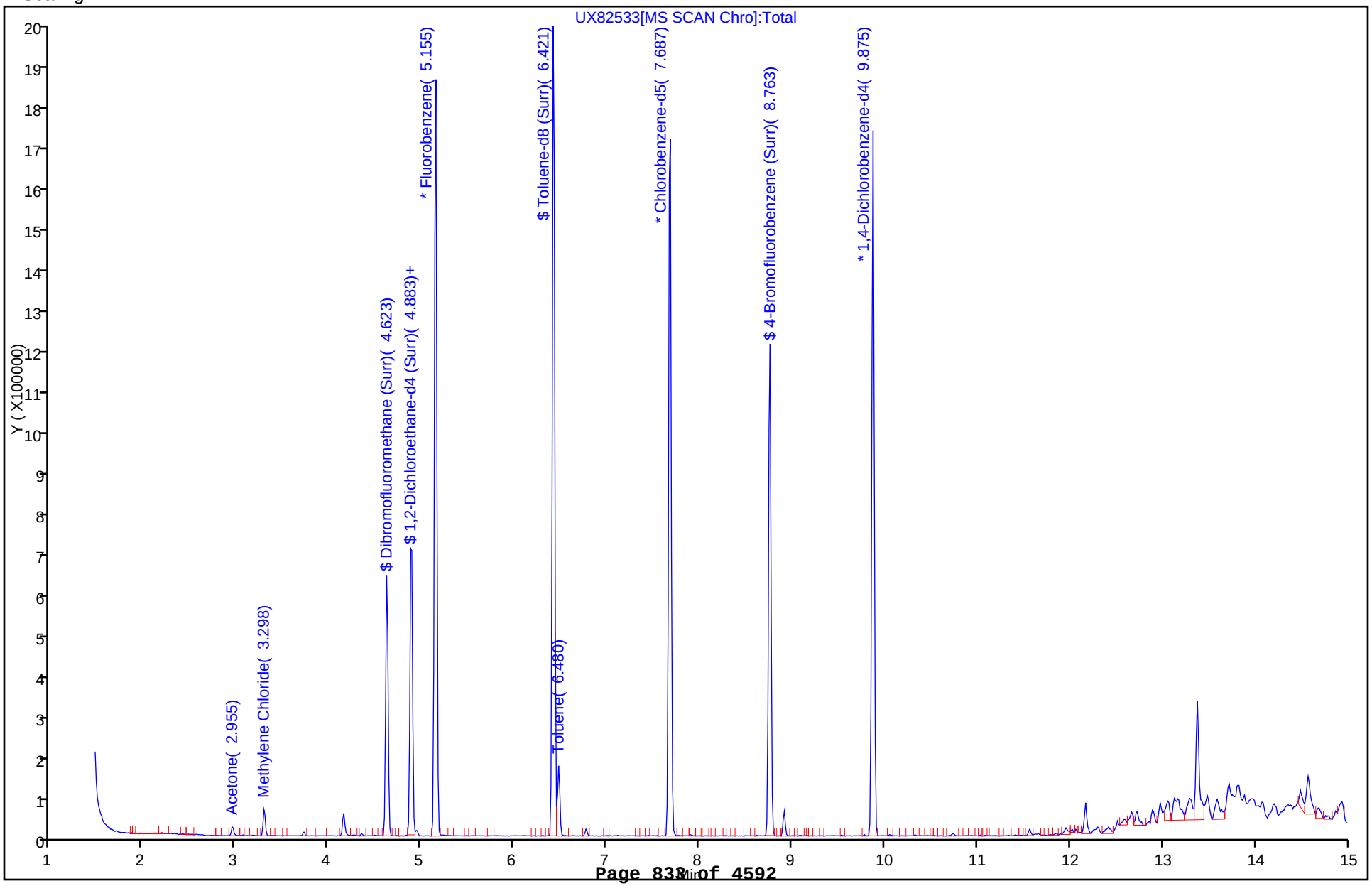
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 20-Dec-2012 03:33:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82533.D		
Injection Date:	17-Dec-2012 02:03:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0075-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	9
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



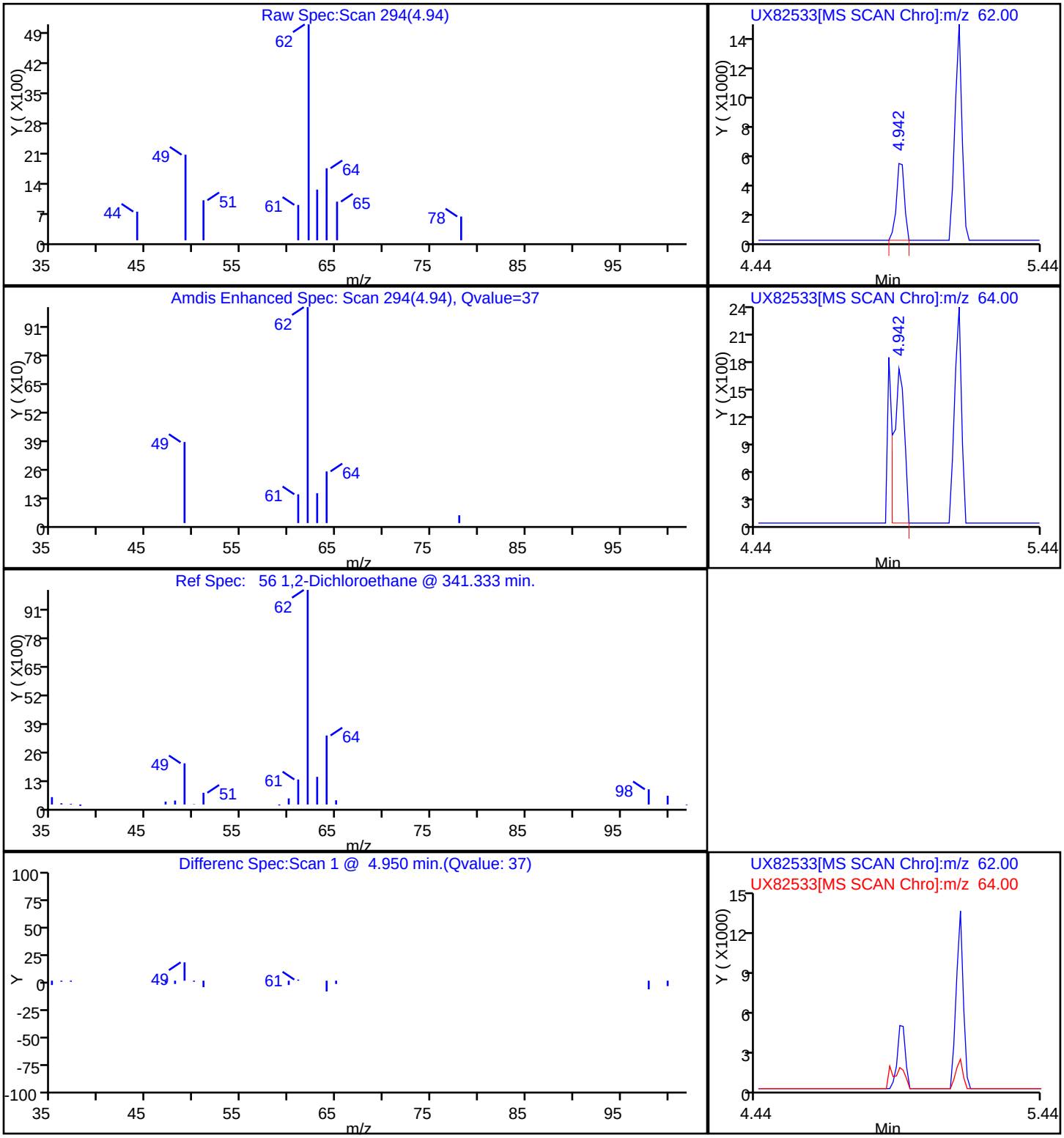
Report Date: 20-Dec-2012 03:33:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82533.D

Injection Date:	17-Dec-2012 02:03:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0075-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	9
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

56 1,2-Dichloroethane



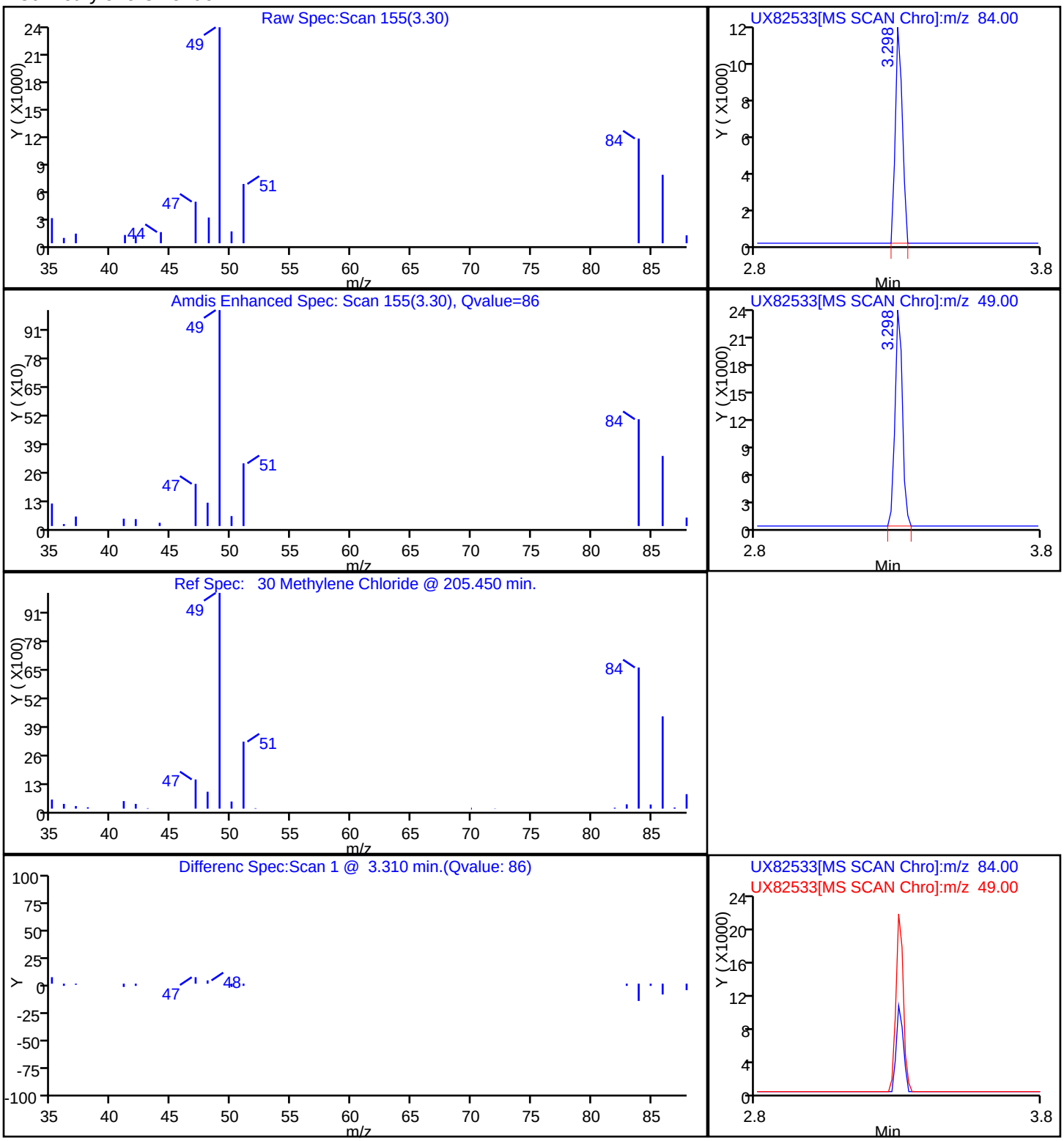
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82533.D

Injection Date:	17-Dec-2012 02:03:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0075-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68905	Lims Sample ID:	9
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

30 Methylene Chloride



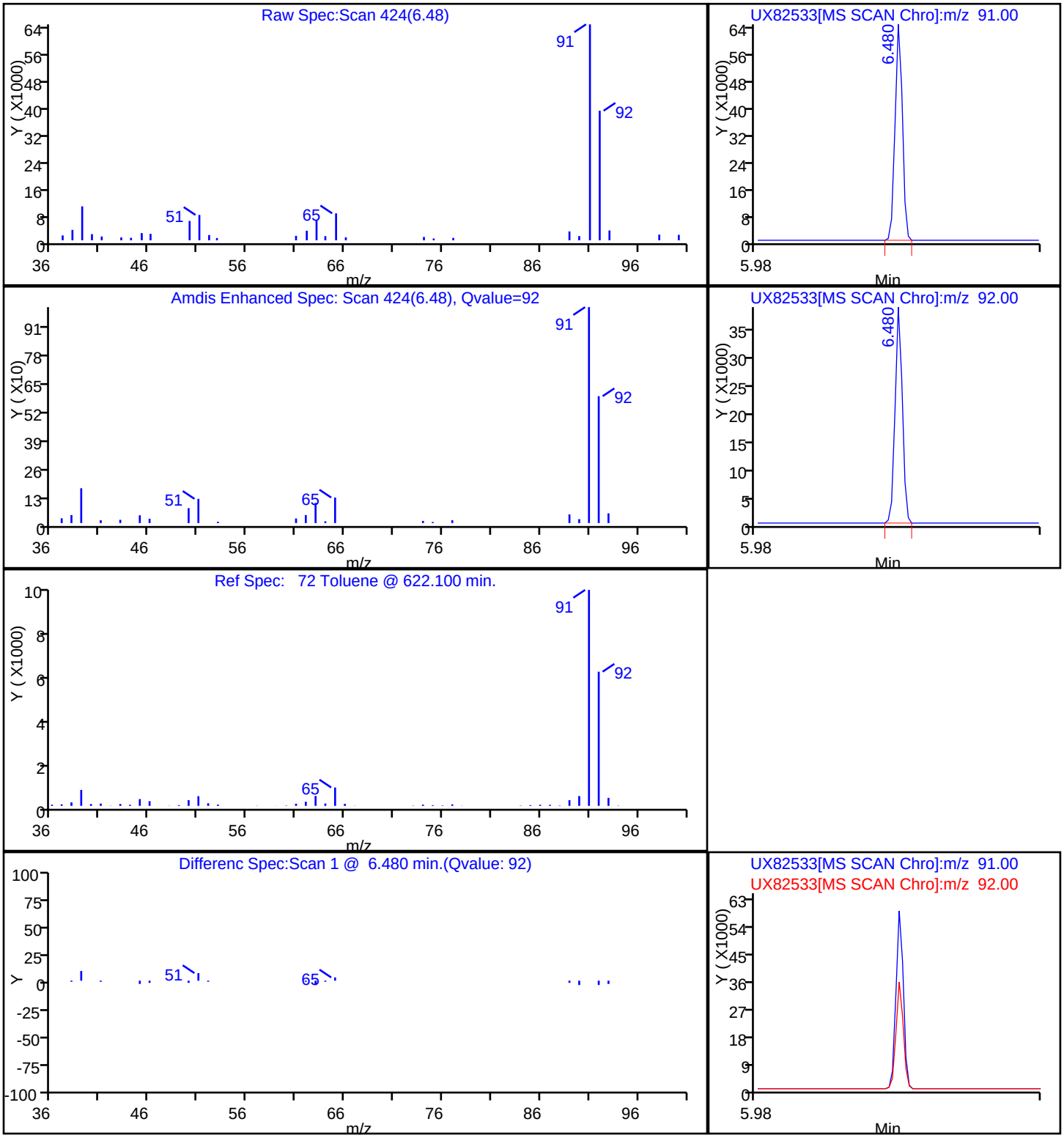
Report Date: 20-Dec-2012 03:33:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121216-15896.b\UX82533.D

Injection Date:	17-Dec-2012 02:03:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0075-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	68905	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0076-0001-SO | Lab Sample ID: 240-18703-19

Matrix: Solid | Lab File ID: UX82586.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 14:00

Sample wt/vol: 7.383(g) | Date Analyzed: 12/18/2012 08:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.8 | Level: (low/med) Low

Analysis Batch No.: 69093 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	9.9		4.0	0.40	0.19
100-41-4	Ethylbenzene	22		4.0	0.40	0.21
1634-04-4	Methyl tert-butyl ether	0.40	U	4.0	0.40	0.35
108-88-3	Toluene	52		4.0	0.40	0.22
1330-20-7	Xylenes, Total	150		8.0	1.2	0.54

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	92		85-120
1868-53-7	Dibromofluoromethane (Surr)	87		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		61-130
2037-26-5	Toluene-d8 (Surr)	104		85-115

Report Date: 22-Dec-2012 01:45:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82586.D
Lims ID: 240-18703-C-19-A Client ID: 072SB-0076-0001-SO
Inject. Date: 18-Dec-2012 08:15:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015937-029
Misc. Info.: M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 27
Lims Batch ID: 69093 Lims Sample ID: 29
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m
Last Update: 22-Dec-2012 01:45:29 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: XAWRK020

First Level Reviewer: latat Date: 19-Dec-2012 02:00:45

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.158	5.156	0.002	100	1510054	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.687	-0.010	89	1056173	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.877	9.875	0.002	99	503457	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.623	0.002	58	337388	43.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.895	-0.009	93	416984	43.2	
$ 7 Toluene-d8 (Surr)	98	6.423	6.421	0.002	94	1368806	52.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.763	-0.009	91	425213	45.9	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78	4.945	4.955	-0.010	94	290193	12.3	
72 Toluene	91	6.483	6.481	0.003	95	1700228	65.1	
84 Ethylbenzene	106	7.795	7.805	-0.010	98	242014	26.9	
10 m-Xylene & p-Xylene	106	7.902	7.900	0.002	98	1478259	136.7	
85 o-Xylene	106	8.269	8.278	-0.009	98	553220	53.7	
S 114 Xylenes, Total	106				0		190.4	

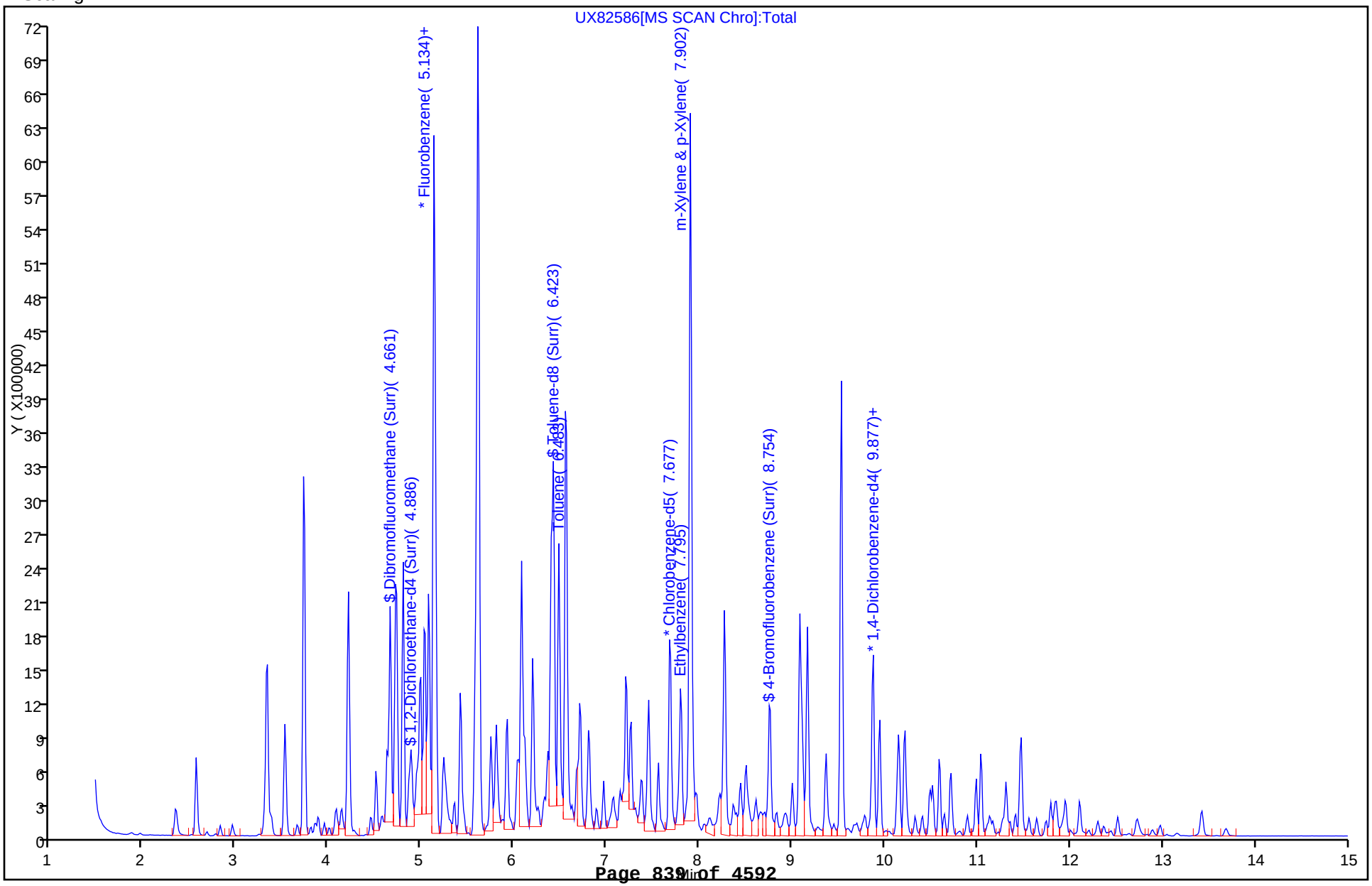
Report Date: 22-Dec-2012 01:45:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82586.D

Injection Date:	18-Dec-2012 08:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	29
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



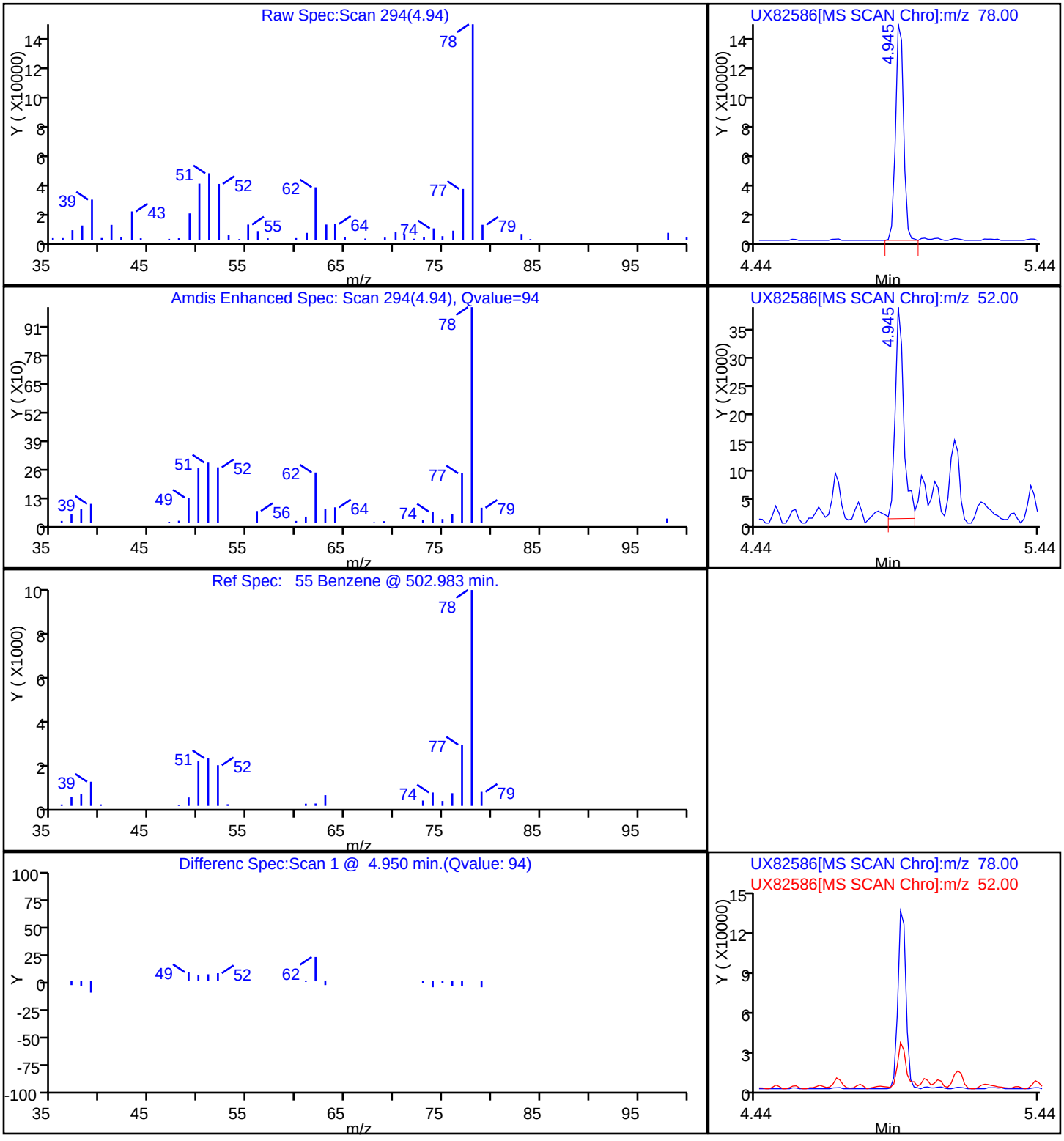
Report Date: 22-Dec-2012 01:45:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82586.D

Injection Date:	18-Dec-2012 08:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	29
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

55 Benzene



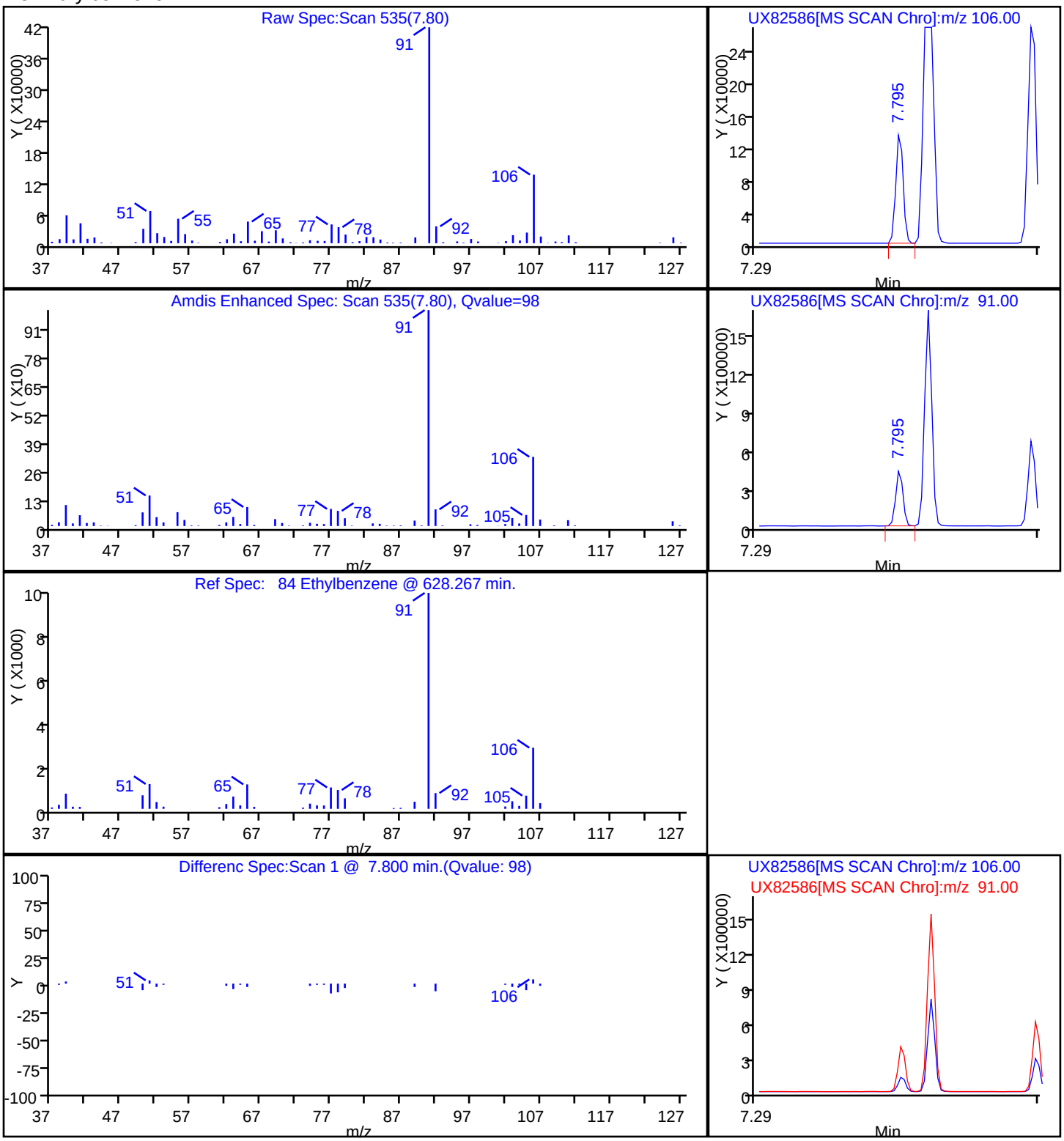
Report Date: 22-Dec-2012 01:45:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82586.D

Injection Date:	18-Dec-2012 08:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	29
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

84 Ethylbenzene



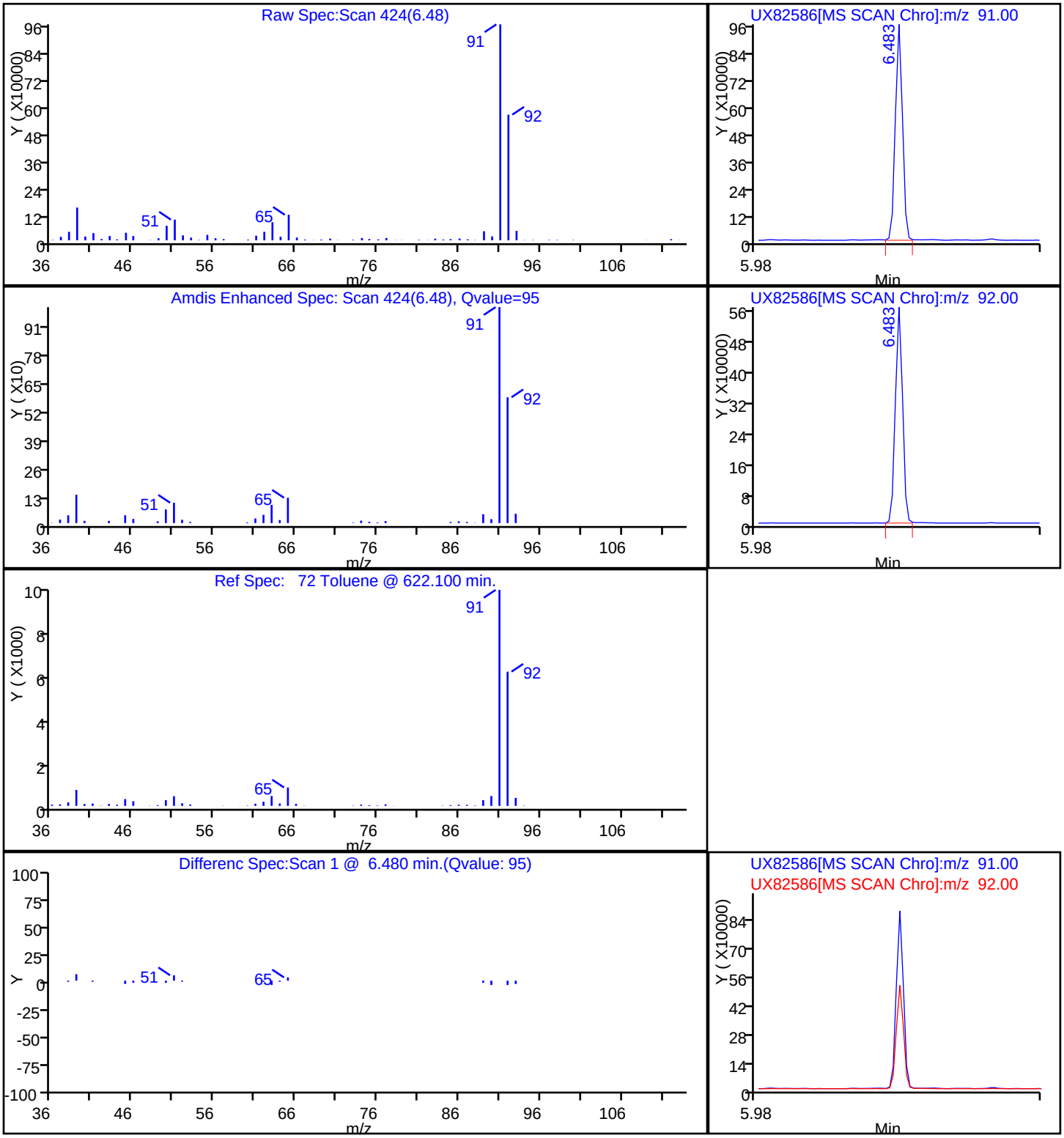
Report Date: 22-Dec-2012 01:45:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82586.D

Injection Date:	18-Dec-2012 08:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	29
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



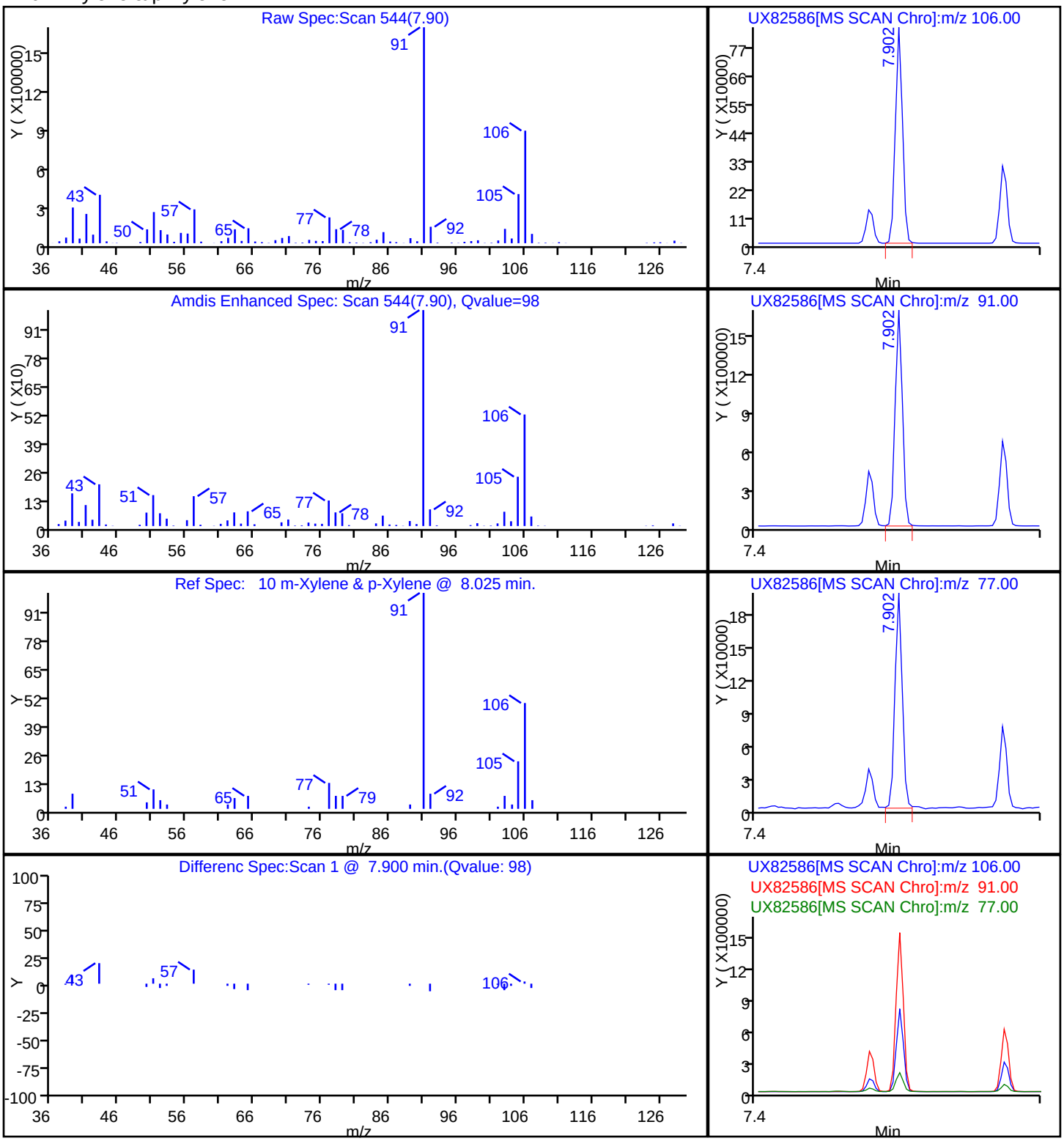
Report Date: 22-Dec-2012 01:45:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82586.D

Injection Date:	18-Dec-2012 08:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	29
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

10 m-Xylene & p-Xylene



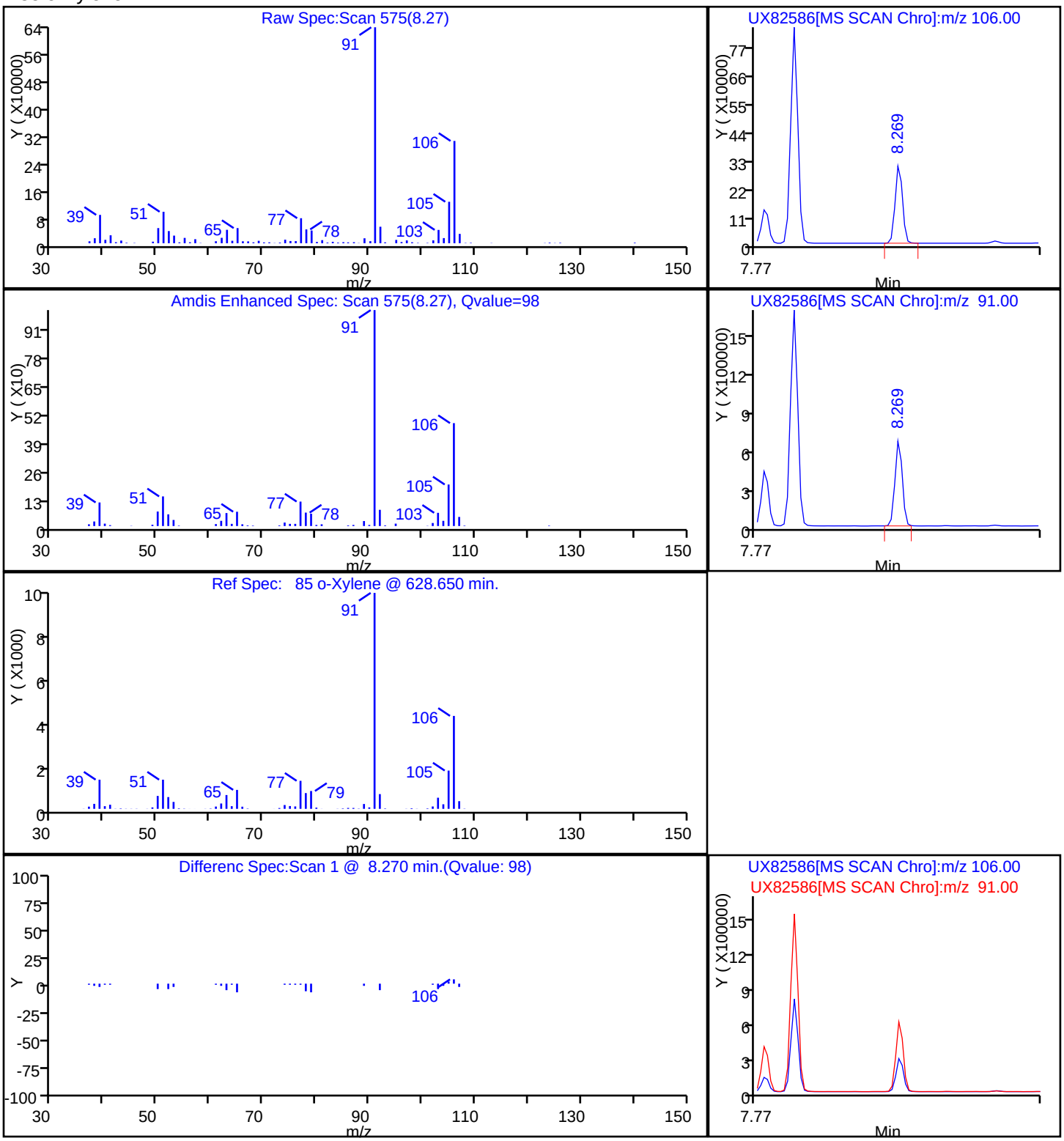
Report Date: 22-Dec-2012 01:45:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82586.D

Injection Date:	18-Dec-2012 08:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	29
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

85 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0077-0001-SO | Lab Sample ID: 240-18703-20

Matrix: Solid | Lab File ID: UX82577.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 14:00

Sample wt/vol: 6.546(g) | Date Analyzed: 12/18/2012 05:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 17.3 | Level: (low/med) Low

Analysis Batch No.: 69093 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	1.8	J	4.6	0.46	0.21
100-41-4	Ethylbenzene	0.71	J	4.6	0.46	0.24
1634-04-4	Methyl tert-butyl ether	0.46	U	4.6	0.46	0.40
108-88-3	Toluene	6.7		4.6	0.46	0.25
1330-20-7	Xylenes, Total	5.4	J	9.2	1.4	0.62

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		85-120
1868-53-7	Dibromofluoromethane (Surr)	93		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		61-130
2037-26-5	Toluene-d8 (Surr)	94		85-115

Report Date: 22-Dec-2012 01:45:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82577.D
Lims ID: 240-18703-B-20-A Client ID: 072SB-0077-0001-SO
Inject. Date: 18-Dec-2012 05:04:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015937-020
Misc. Info.: M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 18
Lims Batch ID: 69093 Lims Sample ID: 20
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m
Last Update: 22-Dec-2012 01:45:29 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: XAWRK020

First Level Reviewer: latat Date: 19-Dec-2012 01:51:14

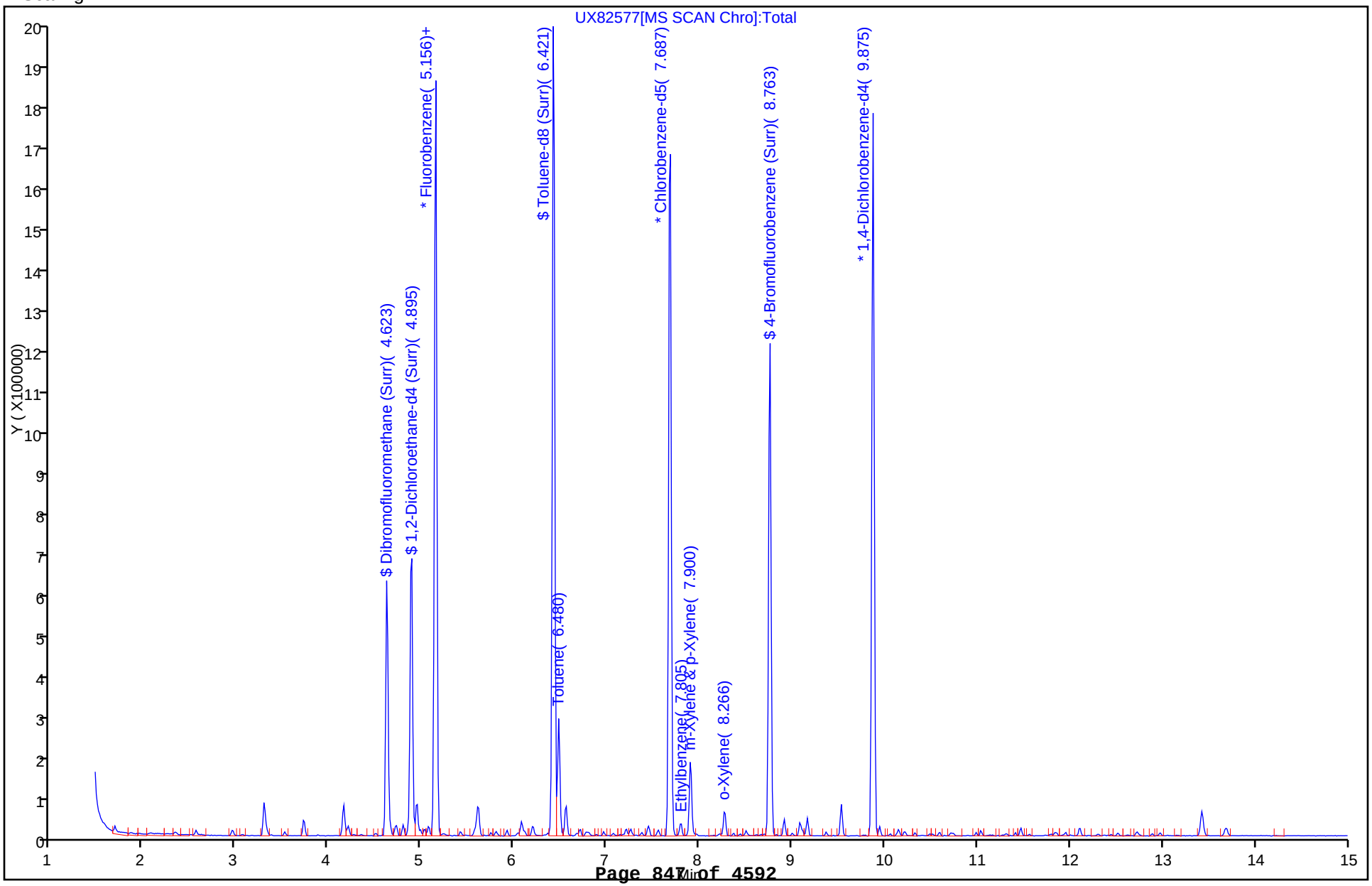
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.156	0.0	100	1503101	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.687	0.0	90	1070107	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.875	0.0	99	535089	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.623	0.0	59	351668	46.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.895	4.895	0.0	92	451848	48.0	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1275862	47.2	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	95	443487	47.6	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78	4.954	4.955	-0.001	92	45160	1.92	
72 Toluene	91	6.480	6.481	0.0	94	193337	7.30	
84 Ethylbenzene	106	7.805	7.805	0.0	62	7049	0.7725	
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	97	45364	4.14	
85 o-Xylene	106	8.278	8.278	0.0	84	18505	1.77	
S 114 Xylenes, Total	106				0		5.91	

Report Date: 22-Dec-2012 01:45:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82577.D		
Injection Date:	18-Dec-2012 05:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	20
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



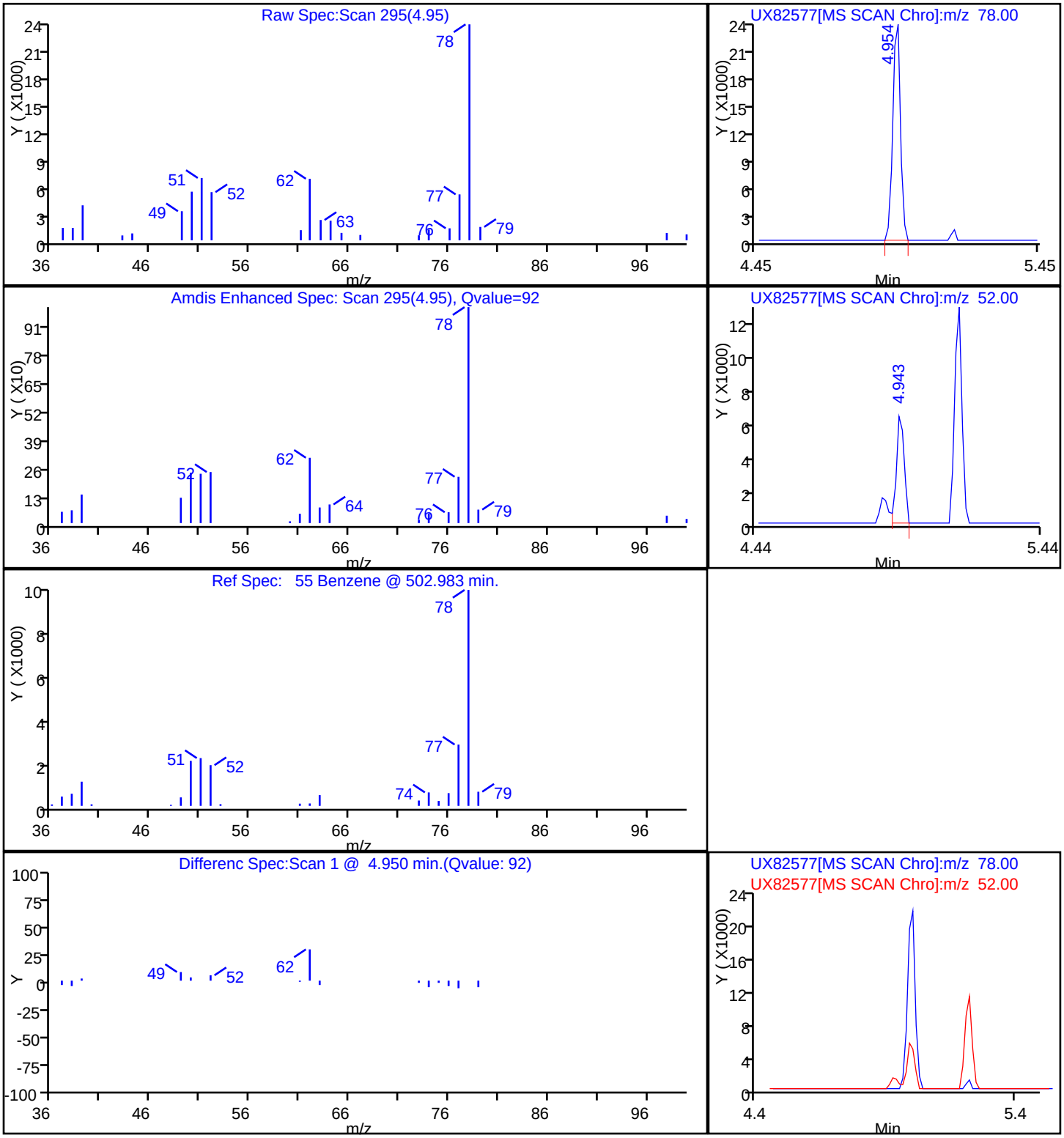
Report Date: 22-Dec-2012 01:45:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82577.D

Injection Date:	18-Dec-2012 05:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	20
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

55 Benzene



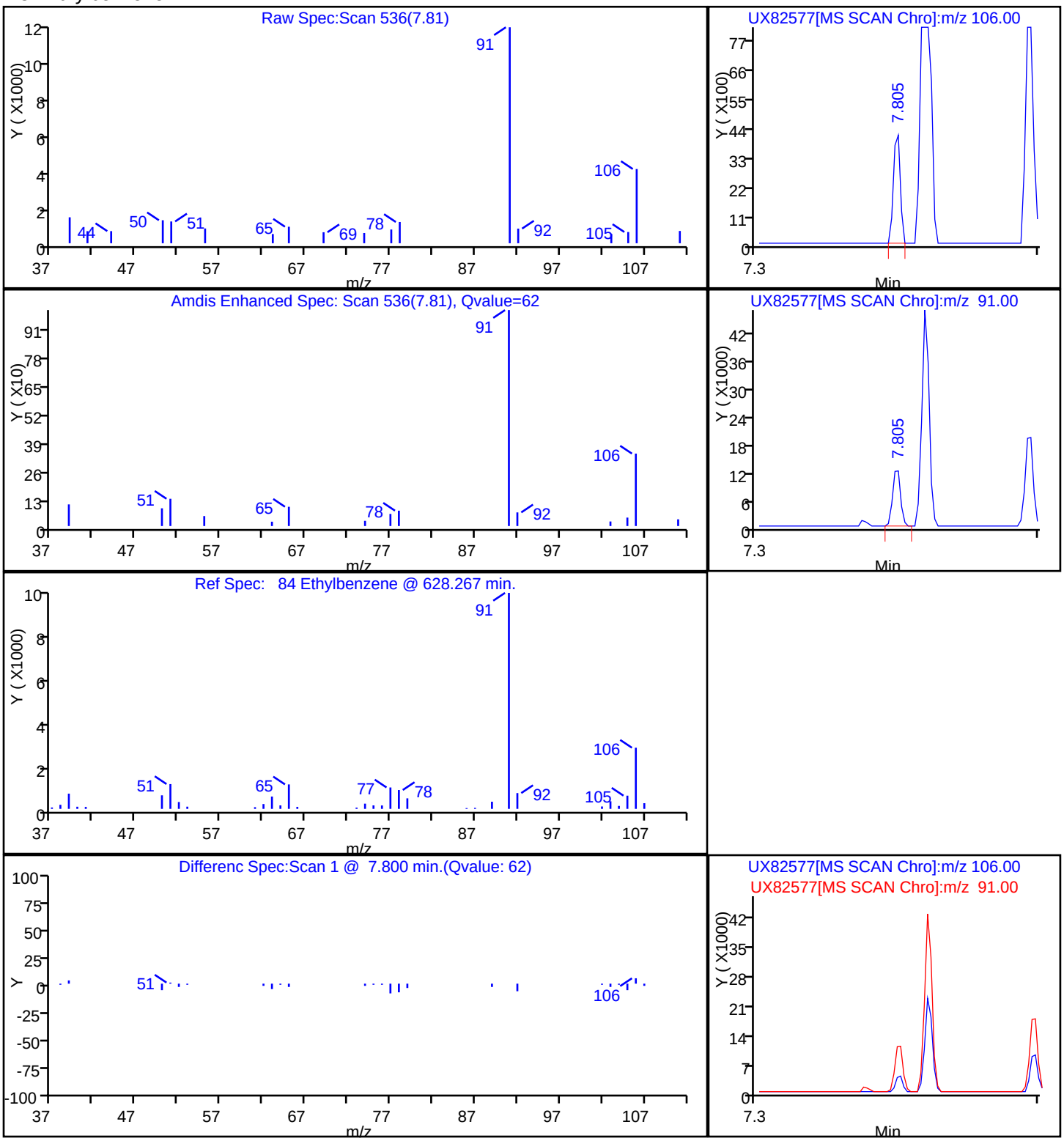
Report Date: 22-Dec-2012 01:45:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82577.D

Injection Date:	18-Dec-2012 05:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	20
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

84 Ethylbenzene



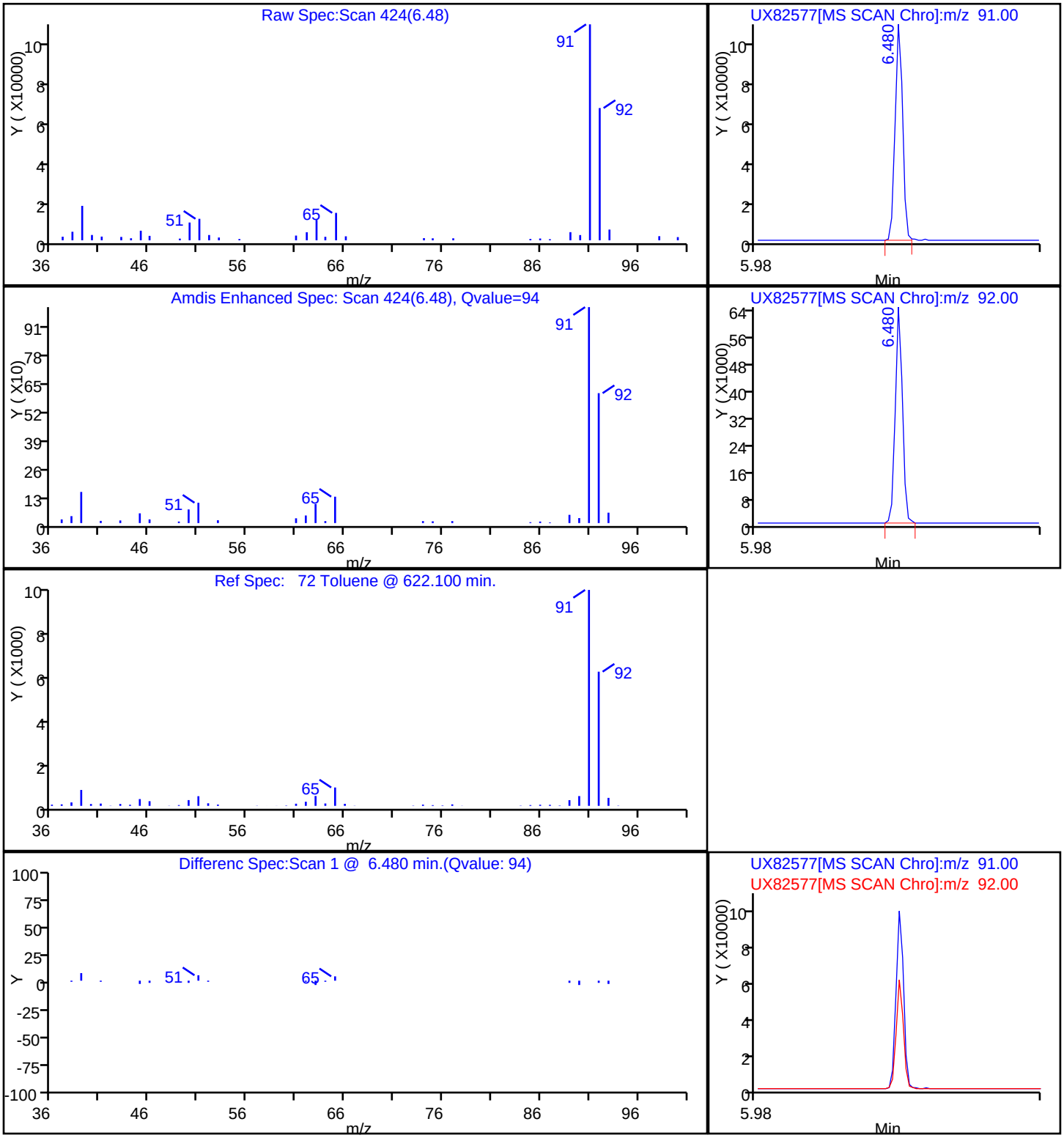
Report Date: 22-Dec-2012 01:45:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82577.D

Injection Date:	18-Dec-2012 05:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	20
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



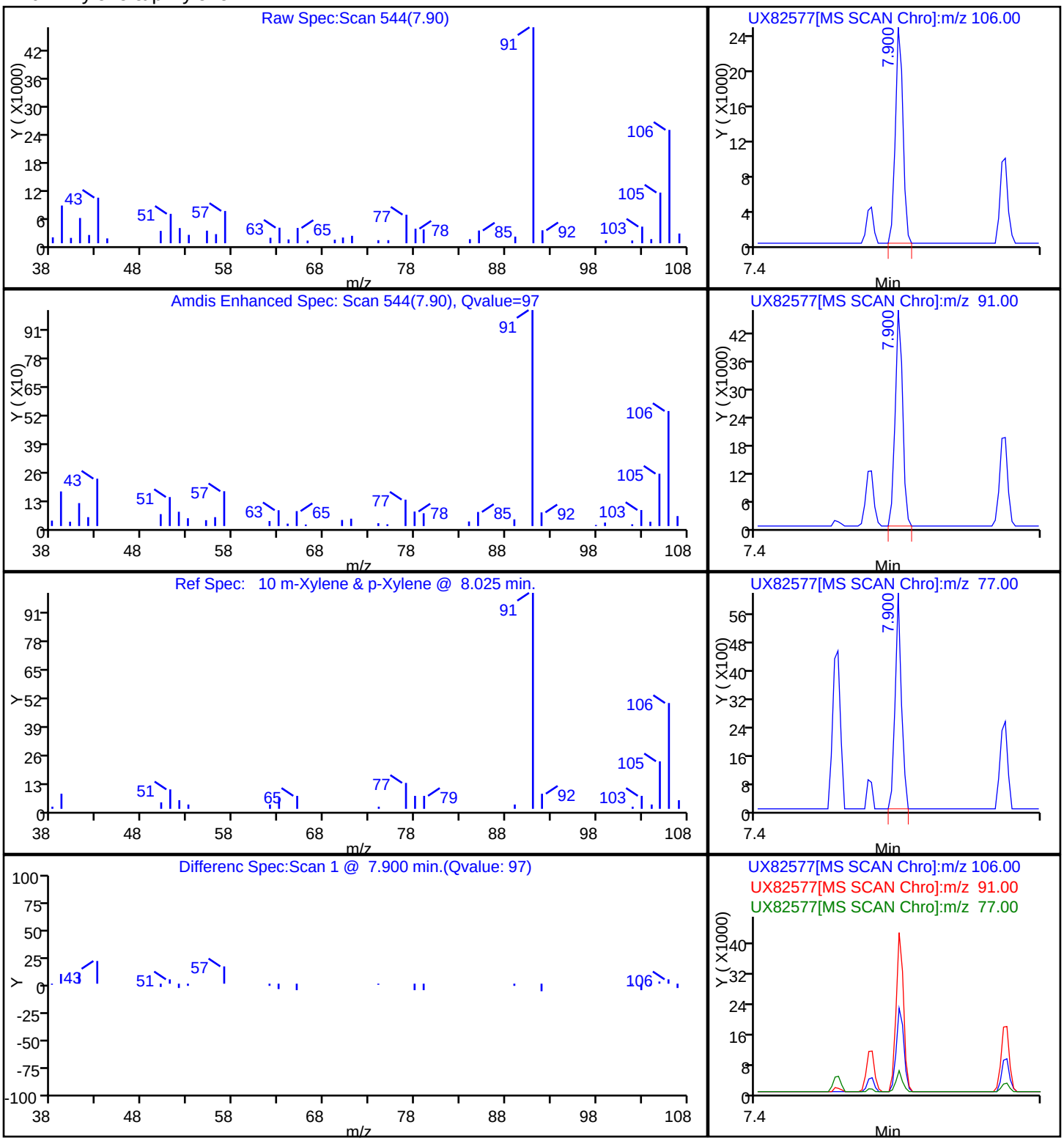
Report Date: 22-Dec-2012 01:45:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82577.D

Injection Date:	18-Dec-2012 05:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	20
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

10 m-Xylene & p-Xylene



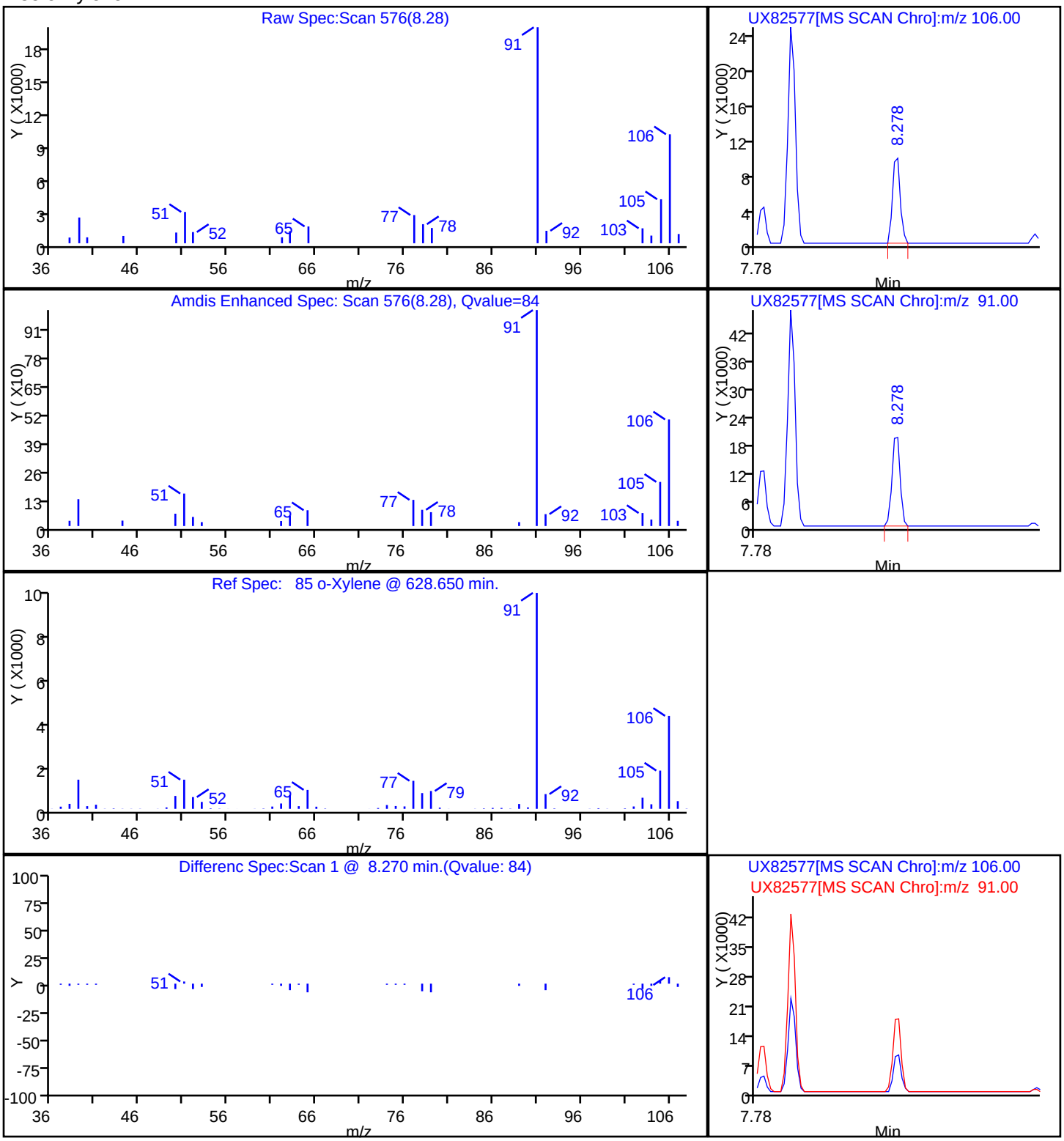
Report Date: 22-Dec-2012 01:45:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82577.D

Injection Date:	18-Dec-2012 05:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	20
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

85 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0079-0001-SO | Lab Sample ID: 240-18703-21

Matrix: Solid | Lab File ID: UX82578.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 14:20

Sample wt/vol: 5.986(g) | Date Analyzed: 12/18/2012 05:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 23.3 | Level: (low/med) Low

Analysis Batch No.: 69093 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	46		5.4	0.54	0.25
100-41-4	Ethylbenzene	30		5.4	0.54	0.28
1634-04-4	Methyl tert-butyl ether	0.54	U	5.4	0.54	0.47
108-88-3	Toluene	140		5.4	0.54	0.29
1330-20-7	Xylenes, Total	230		11	1.6	0.73

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	90		85-120
1868-53-7	Dibromofluoromethane (Surr)	90		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		61-130
2037-26-5	Toluene-d8 (Surr)	107		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82578.D		
Lims ID:	240-18703-B-21-A	Client ID:	072SB-0079-0001-SO
Inject. Date:	18-Dec-2012 05:25:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015937-021		
Misc. Info.:	M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	19
Lims Batch ID:	69093	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m		
Last Update:	22-Dec-2012 01:45:29	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:	XAWRK020		
First Level Reviewer: latat		Date:	19-Dec-2012 01:53:42

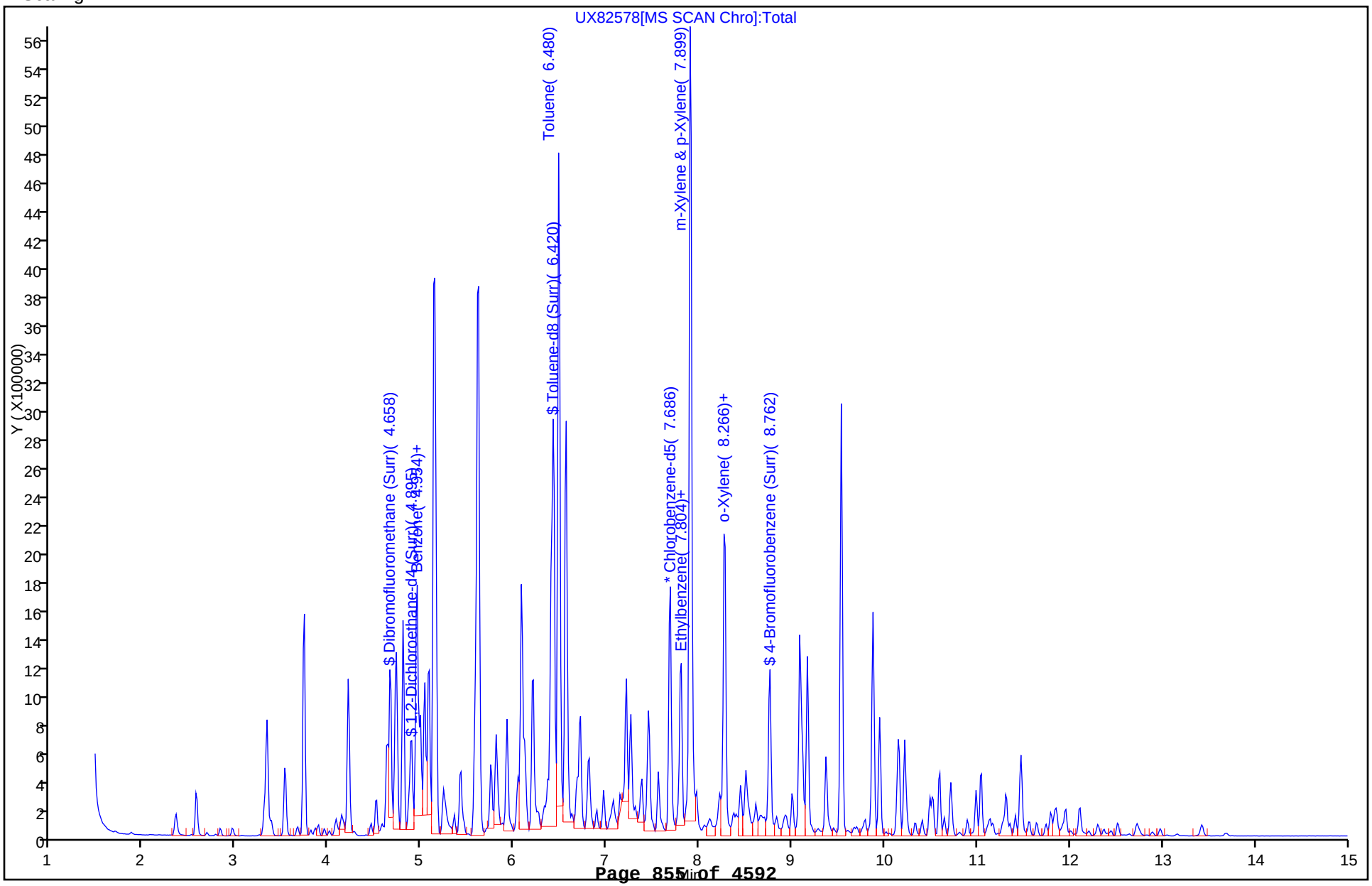
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.155	5.156	-0.001	100	1515844	50.0	
* 2 Chlorobenzene-d5	117	7.686	7.687	-0.001	90	1033778	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.874	9.875	-0.001	99	470355	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.622	4.623	-0.001	58	345347	44.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.895	4.895	-0.001	97	412184	42.4	
$ 7 Toluene-d8 (Surr)	98	6.420	6.421	-0.001	90	1368901	53.5	
$ 131 4-Bromofluorobenzene (Surr)	95	8.762	8.763	-0.001	93	408993	44.9	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78	4.954	4.955	-0.001	95	993266	41.9	
72 Toluene	91	6.480	6.481	0.0	97	3256598	127.3	
84 Ethylbenzene	106	7.804	7.805	-0.001	98	246231	27.9	
10 m-Xylene & p-Xylene	106	7.899	7.900	-0.001	98	1508537	142.5	
85 o-Xylene	106	8.277	8.278	-0.001	97	655994	65.1	
S 114 Xylenes, Total	106				0		207.6	

Report Date: 22-Dec-2012 01:45:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82578.D		
Injection Date:	18-Dec-2012 05:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	21
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:

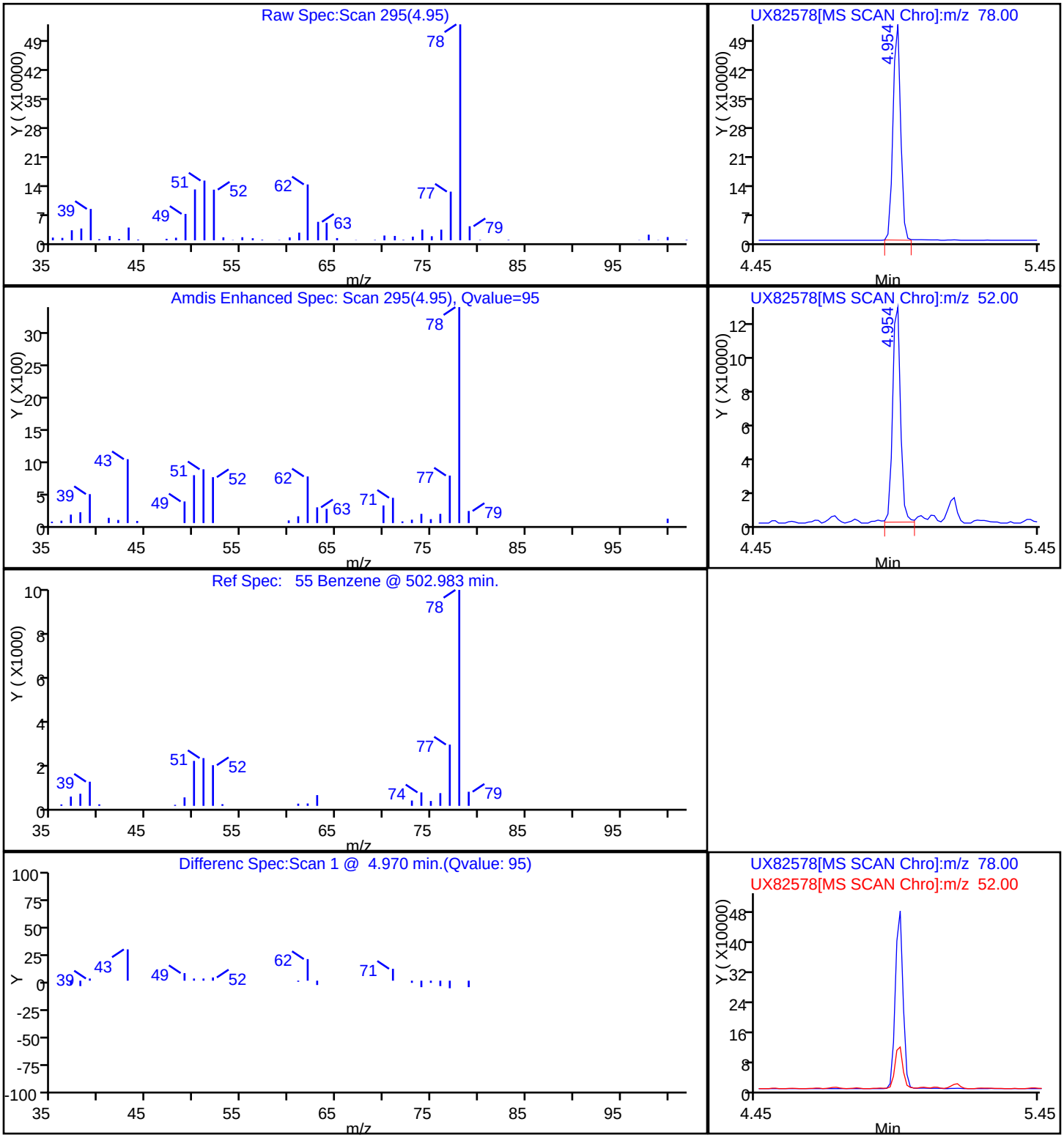


Report Date: 22-Dec-2012 01:45:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82578.D		
Injection Date:	18-Dec-2012 05:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	21
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

55 Benzene



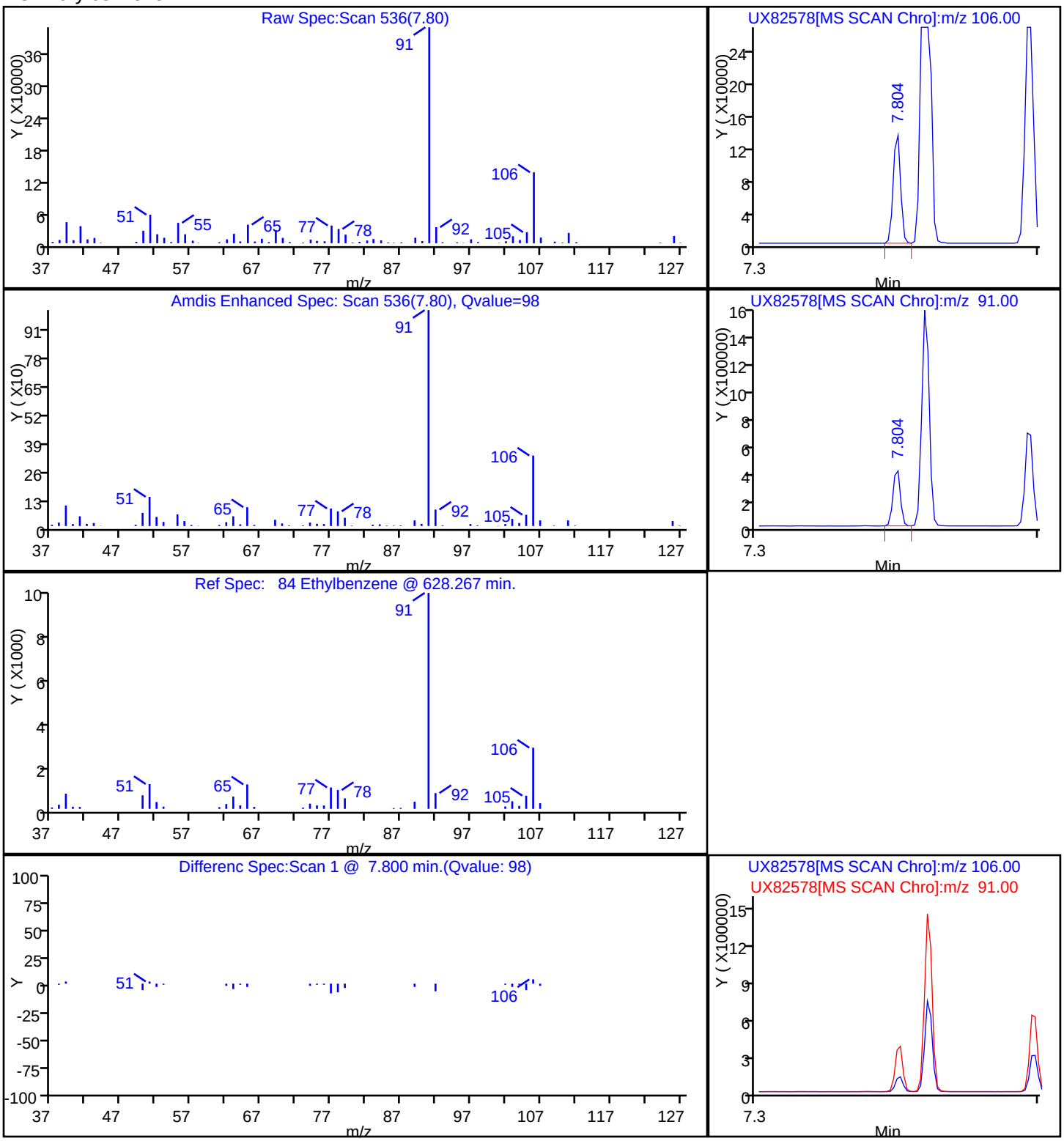
Report Date: 22-Dec-2012 01:45:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82578.D

Injection Date:	18-Dec-2012 05:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	21
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

84 Ethylbenzene



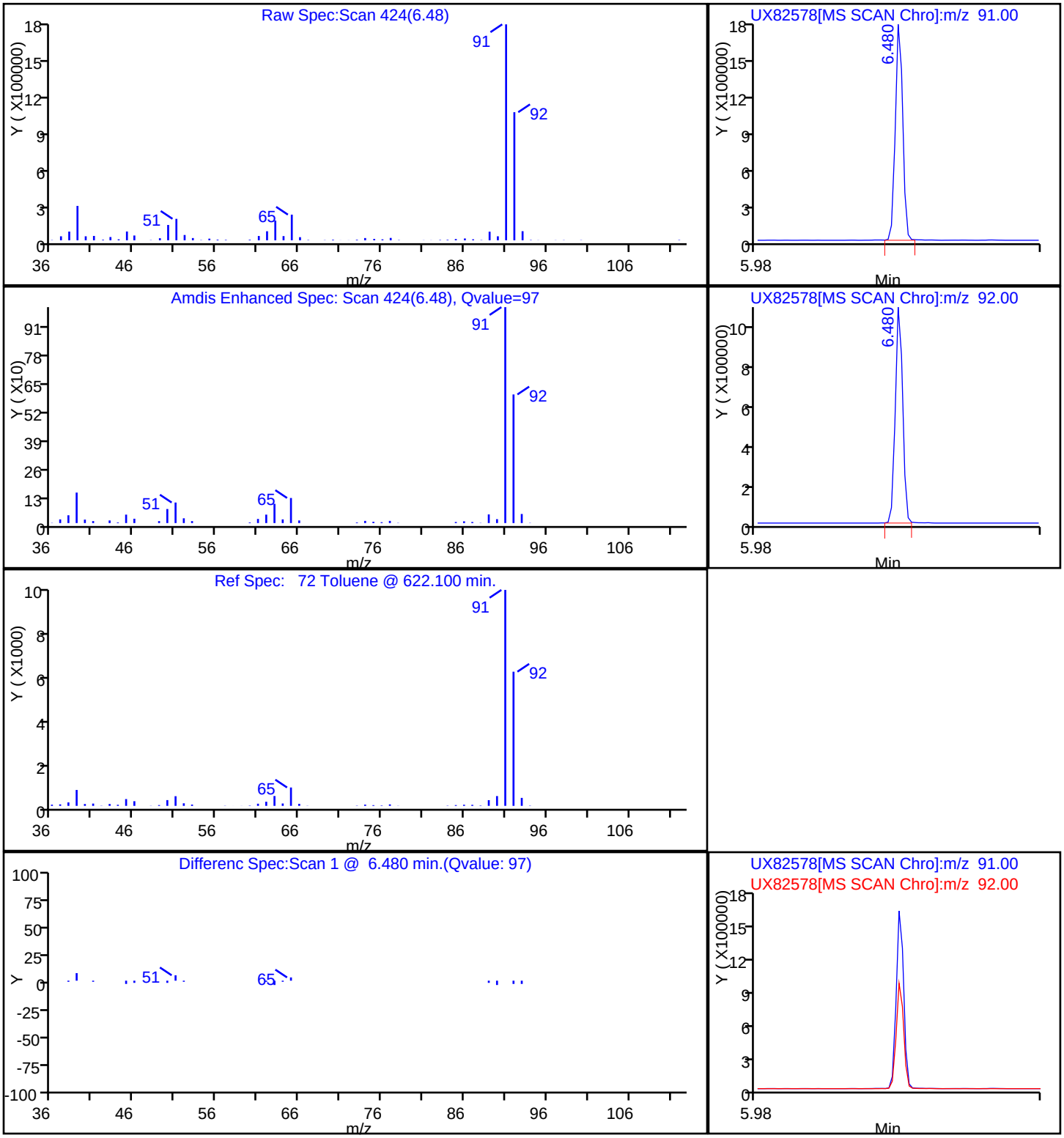
Report Date: 22-Dec-2012 01:45:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82578.D

Injection Date:	18-Dec-2012 05:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	21
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



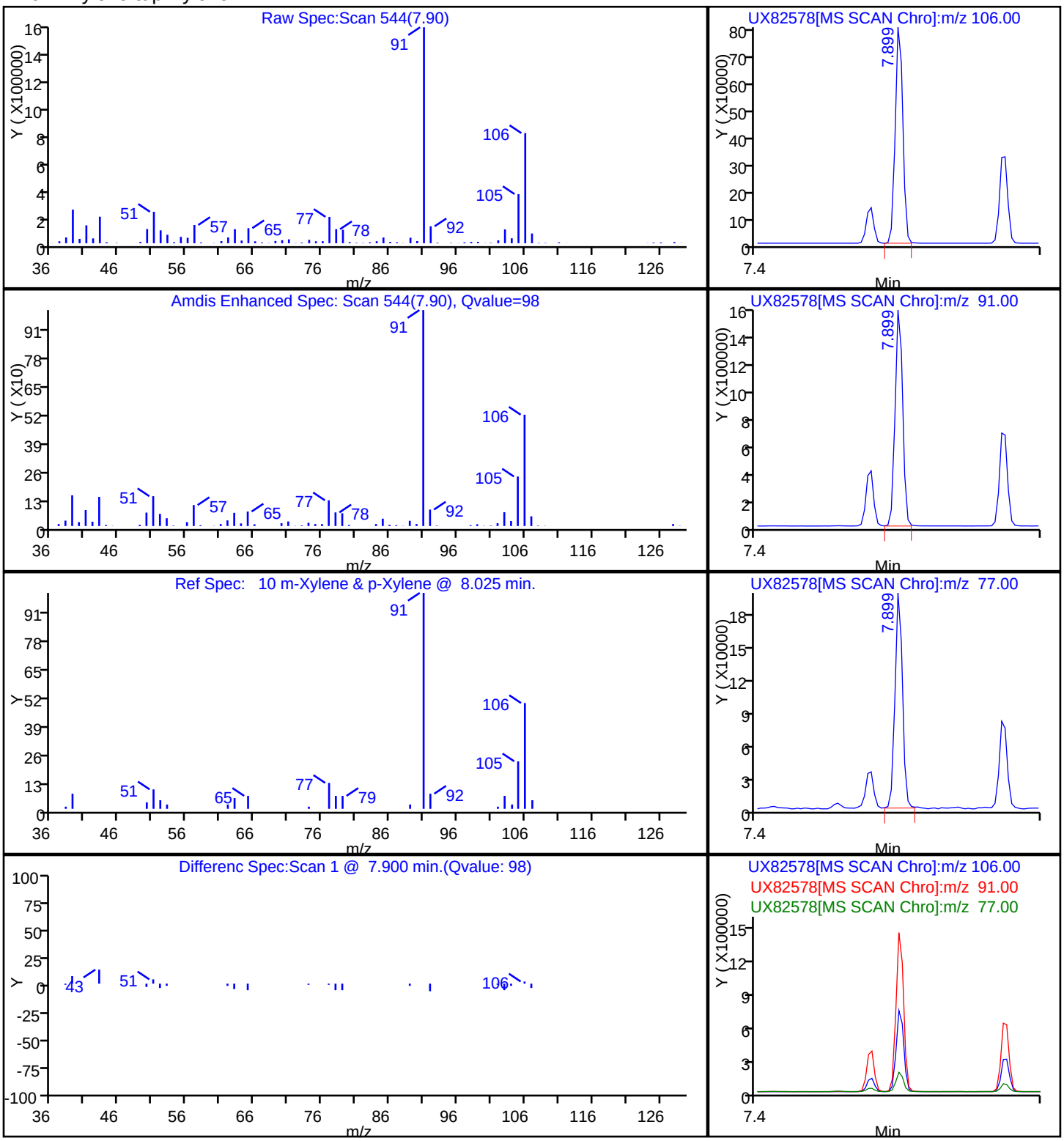
Report Date: 22-Dec-2012 01:45:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82578.D

Injection Date:	18-Dec-2012 05:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	21
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

10 m-Xylene & p-Xylene



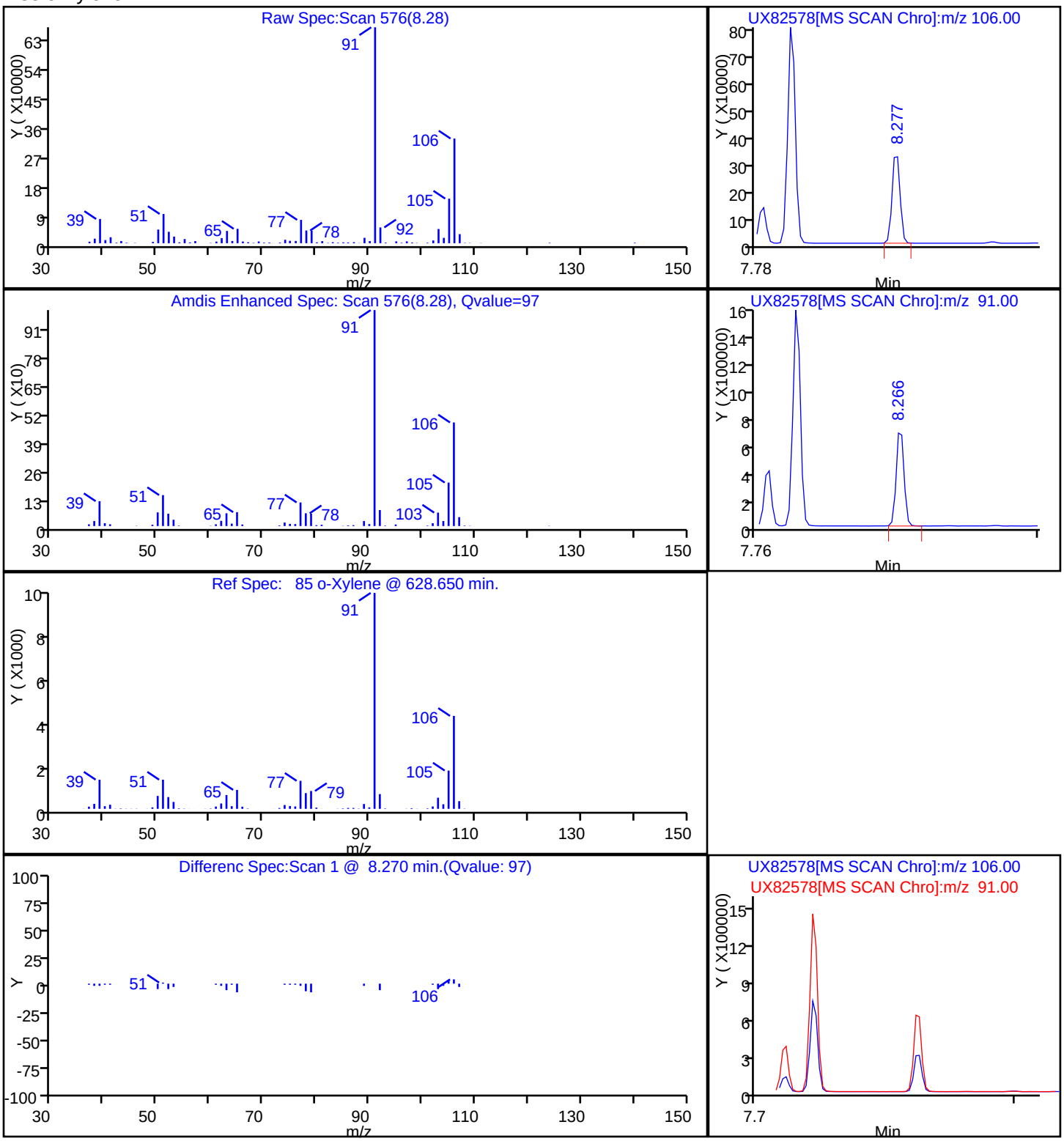
Report Date: 22-Dec-2012 01:45:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82578.D

Injection Date:	18-Dec-2012 05:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	21
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

85 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0080-0001-SO | Lab Sample ID: 240-18703-22

Matrix: Solid | Lab File ID: UX82579.D

Analysis Method: 8260B/DoD | Date Collected: 12/10/2012 15:16

Sample wt/vol: 6.695(g) | Date Analyzed: 12/18/2012 05:46

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.: 69093 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	8.9		4.4	0.44	0.20
100-41-4	Ethylbenzene	22		4.4	0.44	0.23
1634-04-4	Methyl tert-butyl ether	0.44	U	4.4	0.44	0.38
108-88-3	Toluene	87		4.4	0.44	0.24
1330-20-7	Xylenes, Total	140		8.8	1.3	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	95		85-120
1868-53-7	Dibromofluoromethane (Surr)	90		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		61-130
2037-26-5	Toluene-d8 (Surr)	113		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82579.D		
Lims ID:	240-18703-B-22-A	Client ID:	072SB-0080-0001-SO
Inject. Date:	18-Dec-2012 05:46:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015937-022		
Misc. Info.:	M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279		
Operator:	402279	Instrument ID:	A3UX8
Purge Vol:	5.000 mL	ALS Bottle#:	20
Lims Batch ID:	69093	Lims Sample ID:	22
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m		
Last Update:	22-Dec-2012 01:45:29	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:	XAWRK020		
First Level Reviewer: latat		Date:	19-Dec-2012 01:54:23

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	1523661	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.687	0.0	86	1077868	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.875	0.0	99	540895	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.623	0.001	58	349418	45.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.884	4.895	-0.011	92	448364	46.8	
$ 7 Toluene-d8 (Surr)	98	6.422	6.421	0.001	86	1494930	56.5	
$ 131 4-Bromofluorobenzene (Surr)	95	8.764	8.763	0.001	93	444137	47.3	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78	4.955	4.955	0.0	96	242230	10.2	
72 Toluene	91	6.481	6.481	0.001	96	2645349	99.2	
84 Ethylbenzene	106	7.794	7.805	-0.011	98	233283	25.4	
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	99	1209479	109.6	
85 o-Xylene	106	8.267	8.278	-0.011	96	500631	47.6	
S 114 Xylenes, Total	106				0		157.2	

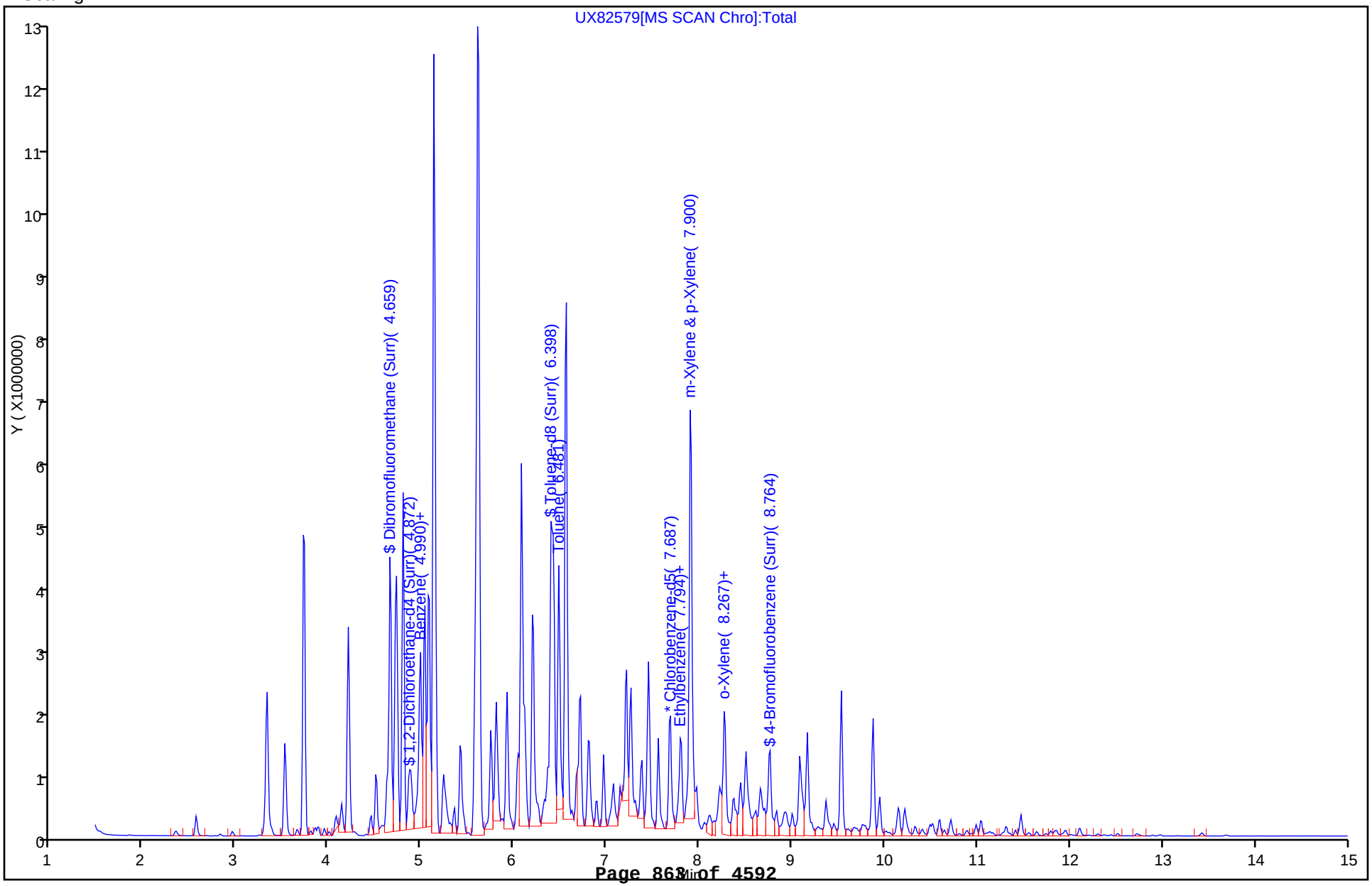
Report Date: 22-Dec-2012 01:45:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82579.D

Injection Date:	18-Dec-2012 05:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	22
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:

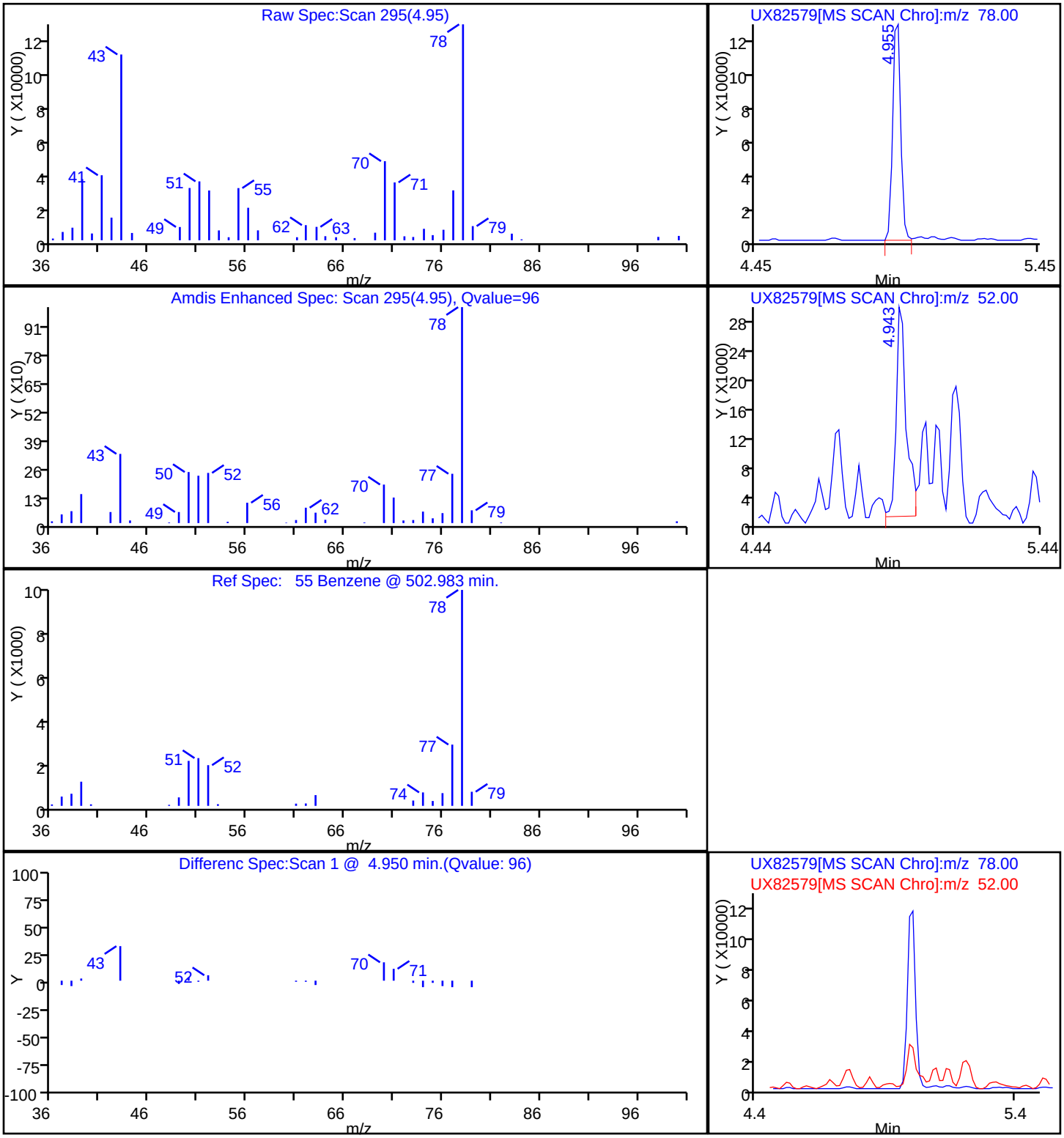


Report Date: 22-Dec-2012 01:45:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82579.D		
Injection Date:	18-Dec-2012 05:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	22
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

55 Benzene



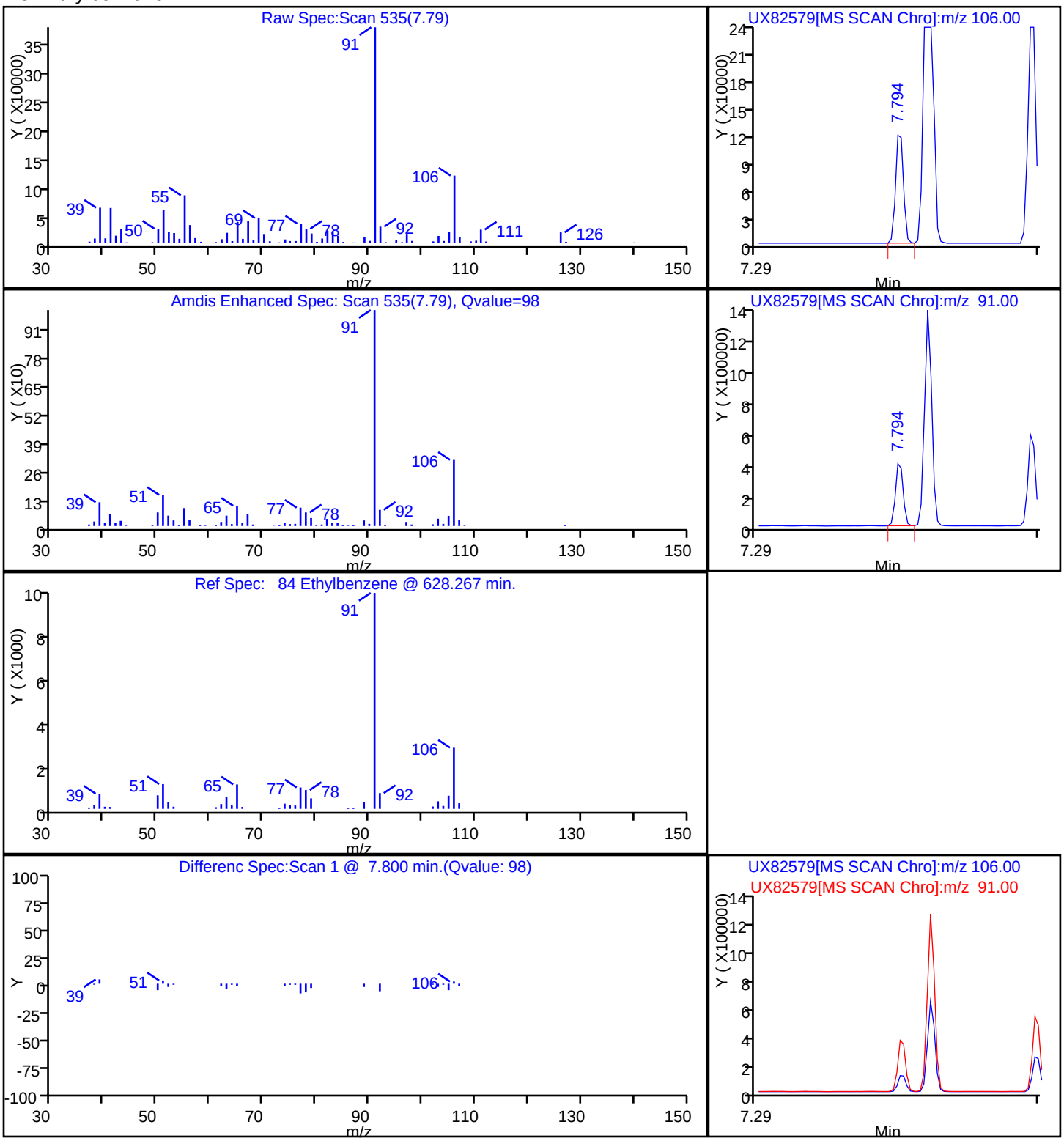
Report Date: 22-Dec-2012 01:45:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82579.D

Injection Date:	18-Dec-2012 05:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	22
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

84 Ethylbenzene



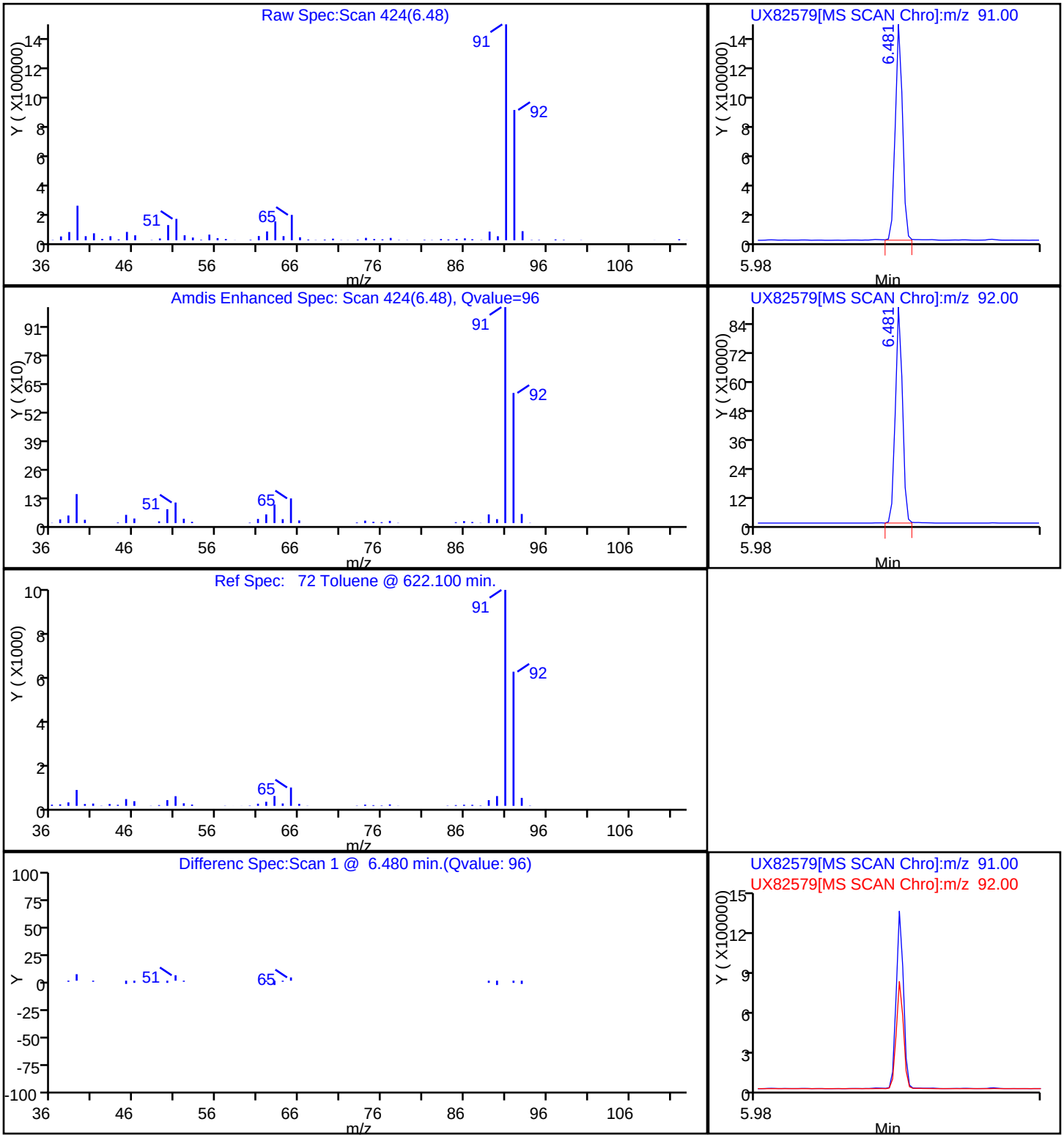
Report Date: 22-Dec-2012 01:45:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82579.D

Injection Date:	18-Dec-2012 05:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	22
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



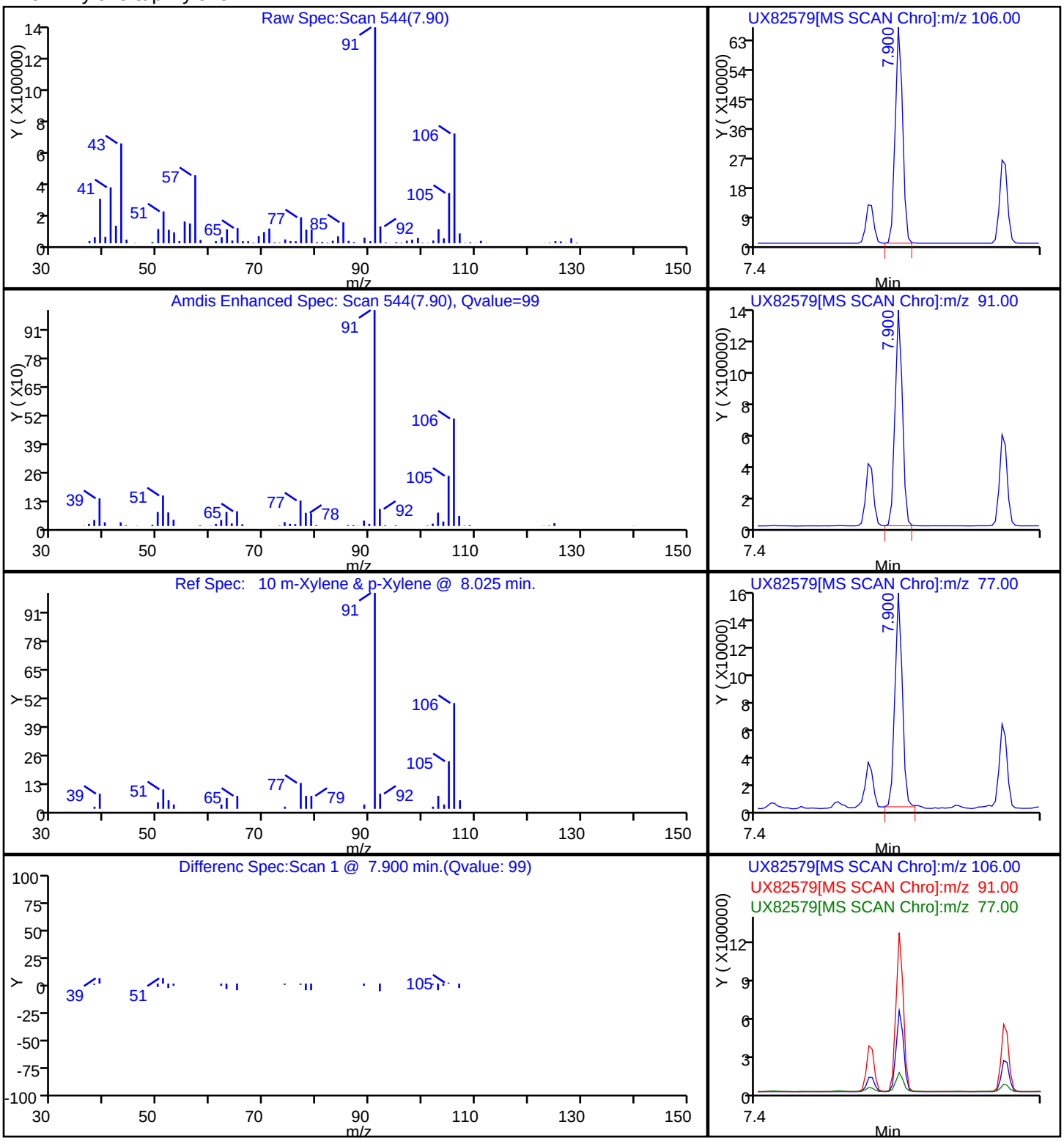
Report Date: 22-Dec-2012 01:45:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82579.D

Injection Date:	18-Dec-2012 05:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	22
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

10 m-Xylene & p-Xylene



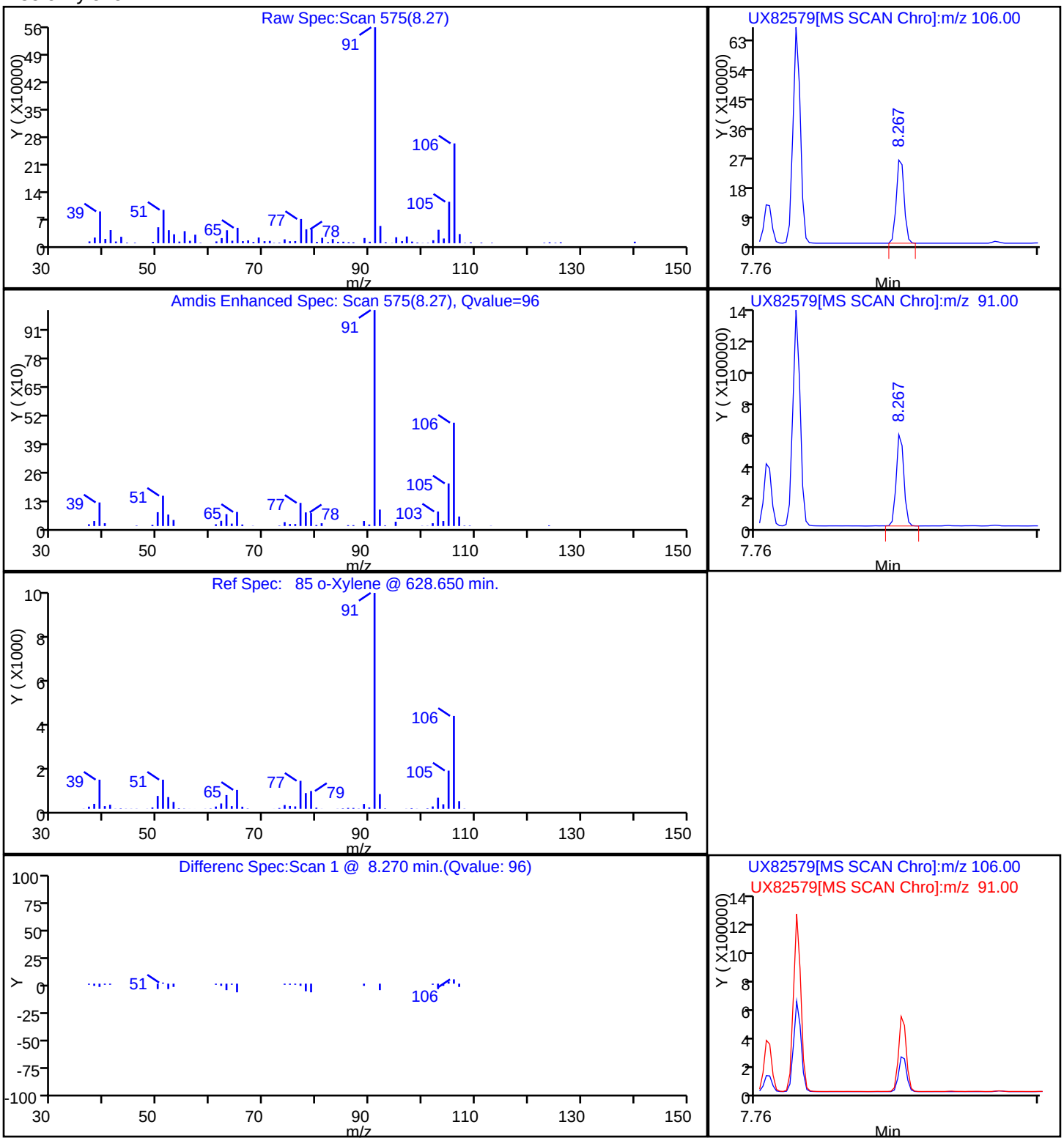
Report Date: 22-Dec-2012 01:45:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82579.D

Injection Date:	18-Dec-2012 05:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	22
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

85 o-Xylene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0081-0001-SO Lab Sample ID: 240-18703-23

Matrix: Solid Lab File ID: UX82580.D

Analysis Method: 8260B/DoD Date Collected: 12/10/2012 14:50

Sample wt/vol: 3.588(g) Date Analyzed: 12/18/2012 06:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.0 Level: (low/med) Low

Analysis Batch No.: 69093 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.79	U	7.9	0.79	0.36
100-41-4	Ethylbenzene	0.79	U	7.9	0.79	0.41
1634-04-4	Methyl tert-butyl ether	0.79	U	7.9	0.79	0.68
108-88-3	Toluene	5.3	J	7.9	0.79	0.43
1330-20-7	Xylenes, Total	2.4	U	16	2.4	1.1

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)	87		61-130
2037-26-5	Toluene-d8 (Surr)	101		85-115

Report Date: 22-Dec-2012 01:45:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82580.D
Lims ID: 240-18703-B-23-A Client ID: 072SB-0081-0001-SO
Inject. Date: 18-Dec-2012 06:08:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015937-023
Misc. Info.: M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 21
Lims Batch ID: 69093 Lims Sample ID: 23
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m
Last Update: 22-Dec-2012 01:45:29 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: XAWRK020

First Level Reviewer: latat Date: 19-Dec-2012 01:55:10

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.158	5.156	0.002	100	1466825	50.0	
* 2 Chlorobenzene-d5	117	7.677	7.687	-0.010	90	994429	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.875	0.003	99	422782	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.623	0.003	59	346052	46.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.895	-0.009	92	407764	43.6	
$ 7 Toluene-d8 (Surr)	98	6.424	6.421	0.003	94	1253386	50.5	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.763	-0.009	92	386636	43.9	
34 Methyl tert-butyl ether	73		3.523					
55 Benzene	78	4.957	4.955	0.002	1	3057	0.1332	
72 Toluene	91	6.483	6.481	0.003	89	82426	3.35	
84 Ethylbenzene	106	7.796	7.805	-0.009	1	881	0.1039	
10 m-Xylene & p-Xylene	106	7.902	7.900	0.002	51	6547	0.6430	
85 o-Xylene	106	8.269	8.278	-0.009	1	2528	0.2606	
S 114 Xylenes, Total	106				0		0.9037	

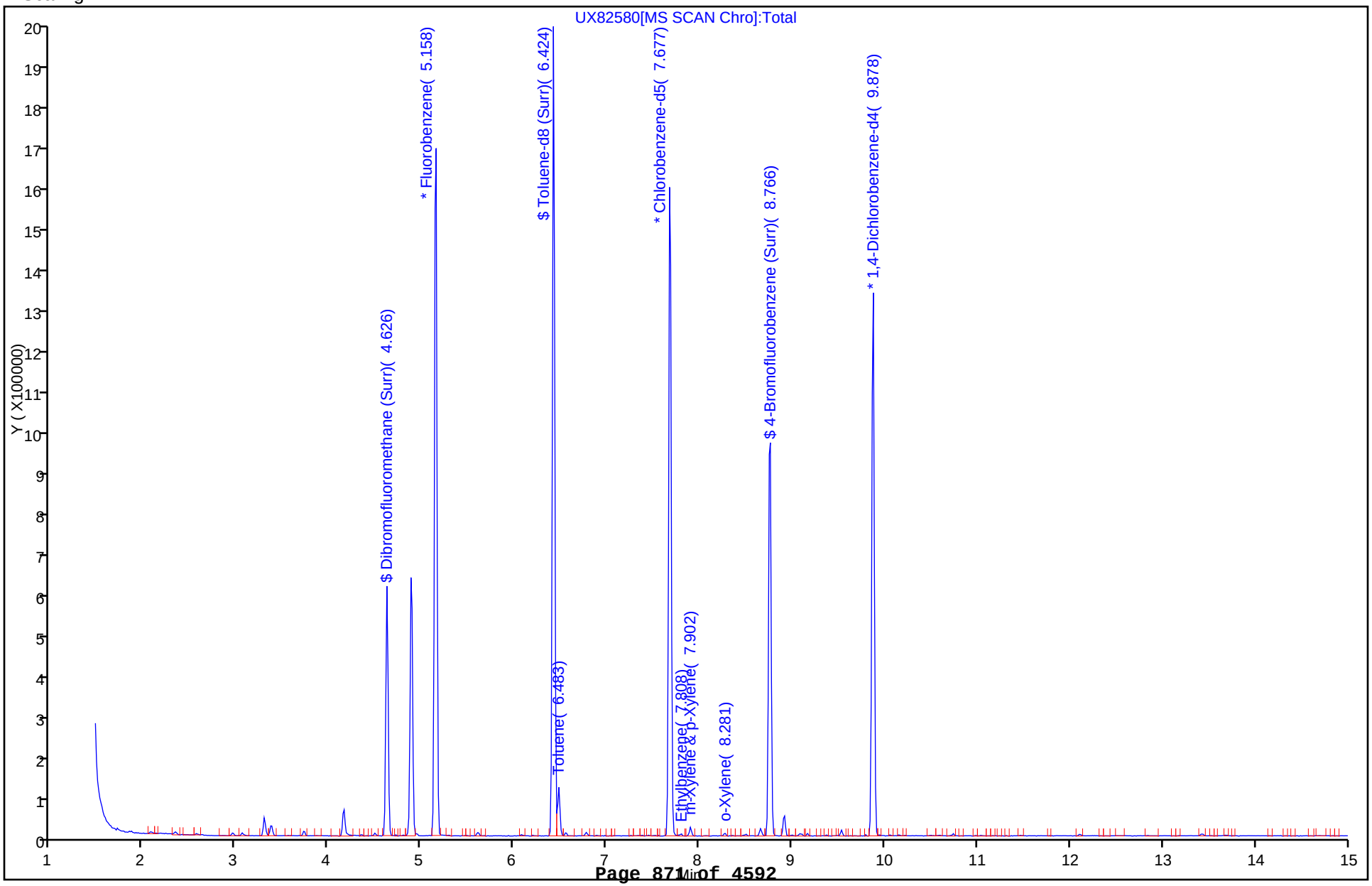
Report Date: 22-Dec-2012 01:45:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82580.D

Injection Date:	18-Dec-2012 06:08:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0081-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	23
Operator ID:	402279	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



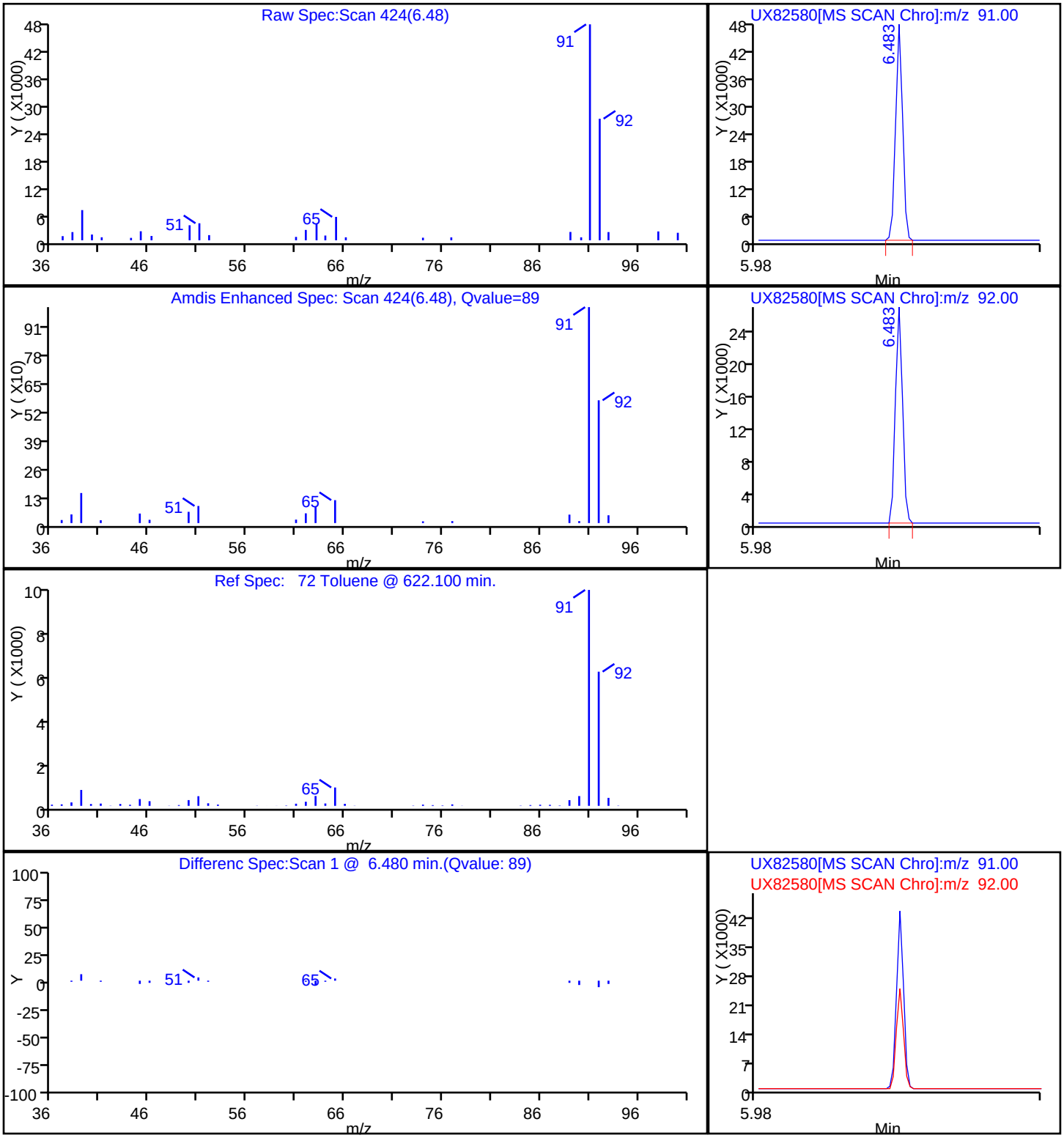
Report Date: 22-Dec-2012 01:45:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82580.D

Injection Date:	18-Dec-2012 06:08:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	072SB-0081-0001-SO	Instrument ID:	A3UX8
Lims Batch ID:	69093	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.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER | Lab Sample ID: 240-18703-24

Matrix: Water | Lab File ID: UXX1591.D

Analysis Method: 8260B/DoD | Date Collected: 12/09/2012 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 13:42

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.: 69591 | 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	0.58	J	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.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER | Lab Sample ID: 240-18703-24

Matrix: Water | Lab File ID: UXX1591.D

Analysis Method: 8260B/DoD | Date Collected: 12/09/2012 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 13:42

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.: 69591 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	92		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		70-120
460-00-4	4-Bromofluorobenzene (Surr)	90		75-120
1868-53-7	Dibromofluoromethane (Surr)	98		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1591.D
Lims ID: 240-18703-E-24 Client ID: 076-0140-0001-ER
Inject. Date: 20-Dec-2012 13:42:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016059-007
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 7
Lims Batch ID: 69591 Lims Sample ID: 7
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.215	5.204	0.011	100	2089140	10.0	
* 2 Chlorobenzene-d5	117	7.889	7.879	0.010	82	1471024	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	93	847559	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.635	4.639	-0.004	58	479018	9.80	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.919	4.923	-0.004	0	510391	8.94	
$ 7 Toluene-d8 (Surr)	98	6.576	6.568	0.008	92	1760248	9.24	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	95	603272	9.00	
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
12 Dichlorodifluoromethane	85		1.562					
13 Chloromethane	50		1.693					9
14 Vinyl chloride	62		1.799					
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94		2.095					
17 Chloroethane	64		2.178					
18 Dichlorofluoromethane	67		2.329					
19 Trichlorofluoromethane	101		2.391					
20 Ethyl ether	59		2.613					
21 Acrolein	56		2.710					9
23 1,1-Dichloroethene	96		2.817					
25 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.829					
24 Acetone	43	2.825	2.829	-0.004	82	16609	0.4584	
22 Methylal	45		2.851					9
26 Iodomethane	142		2.947					
27 Carbon disulfide	76		3.006					9
28 Acetonitrile	41		3.053					
30 Methyl acetate	43		3.101					9
29 3-Chloro-1-propene	76		3.110					9
31 Methylene Chloride	84		3.195					
32 2-Methyl-2-propanol	59		3.266					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
33 Acrylonitrile	53		3.385					
34 trans-1,2-Dichloroethene	96		3.432					
35 Methyl tert-butyl ether	73		3.432					
36 Hexane	86		3.669					
37 1,1-Dichloroethane	63		3.775					
38 Vinyl acetate	86		3.799					
39 Isopropyl ether	87		3.832					
40 2-Chloro-1,3-butadiene	53		3.856					
41 Tert-butyl ethyl ether	59		4.128					
43 cis-1,2-Dichloroethene	96		4.248					
42 2-Butanone (MEK)	43		4.248					
44 2,2-Dichloropropane	77		4.260					
45 Propionitrile	54		4.293					
46 Ethyl acetate	43		4.293					9
47 Methacrylonitrile	41		4.424					
48 Chlorobromomethane	128		4.450					
50 Chloroform	83	4.505	4.497	0.008	87	55091	0.5750	
49 Tetrahydrofuran	42		4.497					19
51 1,1,1-Trichloroethane	97		4.686					
52 Cyclohexane	56		4.745					9
53 1,1-Dichloropropene	75		4.816					9
54 Carbon tetrachloride	117		4.828					
55 Isobutyl alcohol	41		4.850					
57 Benzene	78	4.979	4.982	-0.003	46	27874	0.1224	
56 1,2-Dichloroethane	62		4.982					
58 Tert-amyl methyl ether	73		5.062					
59 n-Heptane	100		5.204					
60 n-Butanol	56		5.406					
61 Trichloroethene	130		5.526					
62 Ethyl acrylate	55		5.605					9
64 1,2-Dichloropropane	63		5.704					
63 Methylcyclohexane	83		5.704					9
65 Methyl methacrylate	41		5.784					
66 Dibromomethane	93		5.810					
67 1,4-Dioxane	88		5.810					
68 Dichlorobromomethane	83		5.929					9
69 2-Nitropropane	41		6.116					
70 2-Chloroethyl vinyl ether	63		6.177					
71 cis-1,3-Dichloropropene	75		6.319					
72 4-Methyl-2-pentanone (MIBK)	43		6.449					
73 Toluene	91		6.627					
74 trans-1,3-Dichloropropene	75		6.804					
75 Ethyl methacrylate	69		6.875					
76 1,1,2-Trichloroethane	97		6.970					
77 1,3-Dichloropropane	76		7.124					
78 Tetrachloroethene	164		7.136					9
79 2-Hexanone	43		7.183					
80 n-Butyl acetate	56		7.299					
81 Chlorodibromomethane	129		7.337					
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107		7.455					
84 1-Chlorohexane	91		7.779					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
85 Chlorobenzene	112		7.905					9
86 1,1,1,2-Tetrachloroethane	131		7.976					
87 Ethylbenzene	106		8.011					
88 m-Xylene & p-Xylene	106		8.118					9
89 o-Xylene	106		8.496					
90 Styrene	104		8.508					9
91 Bromoform	173		8.686					
92 Isopropylbenzene	105		8.851					9
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55		8.932					9
95 1,1,2,2-Tetrachloroethane	83		9.112					
96 Bromobenzene	156		9.147					
97 1,2,3-Trichloropropane	110		9.159					
98 trans-1,4-Dichloro-2-butene	53		9.171					
99 N-Propylbenzene	120		9.242					9
100 2-Chlorotoluene	126		9.337					
101 1,3,5-Trimethylbenzene	105		9.419					9
102 4-Chlorotoluene	126		9.443					
103 tert-Butylbenzene	119		9.739					9
104 1,2,4-Trimethylbenzene	105		9.786					9
105 sec-Butylbenzene	105		9.952					9
106 1,3-Dichlorobenzene	146		10.070					9
107 4-Isopropyltoluene	119		10.094					9
108 1,4-Dichlorobenzene	146		10.153					9
109 1,2,3-Trimethylbenzene	105		10.198					9
110 n-Butylbenzene	91		10.496					9
111 1,2-Dichlorobenzene	146		10.520					9
112 1,2-Dibromo-3-Chloropropane	157		11.289					
113 1,3,5-Trichlorobenzene	180		11.514					9
114 1,2,4-Trichlorobenzene	180		12.129					9
115 Hexachlorobutadiene	225		12.307					9
116 Naphthalene	128		12.378					9
117 1,2,3-Trichlorobenzene	180		12.626					9
118 2-Methylnaphthalene	142		13.689					9
S 119 Trihalomethanes, Total	1				0		0.5750	
S 120 1,2-Dichloroethene, Total	96		1.140					7
S 121 1,3-Dichloropropene, Total	75		6.760					7
S 122 Xylenes, Total	106		16.530					7
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

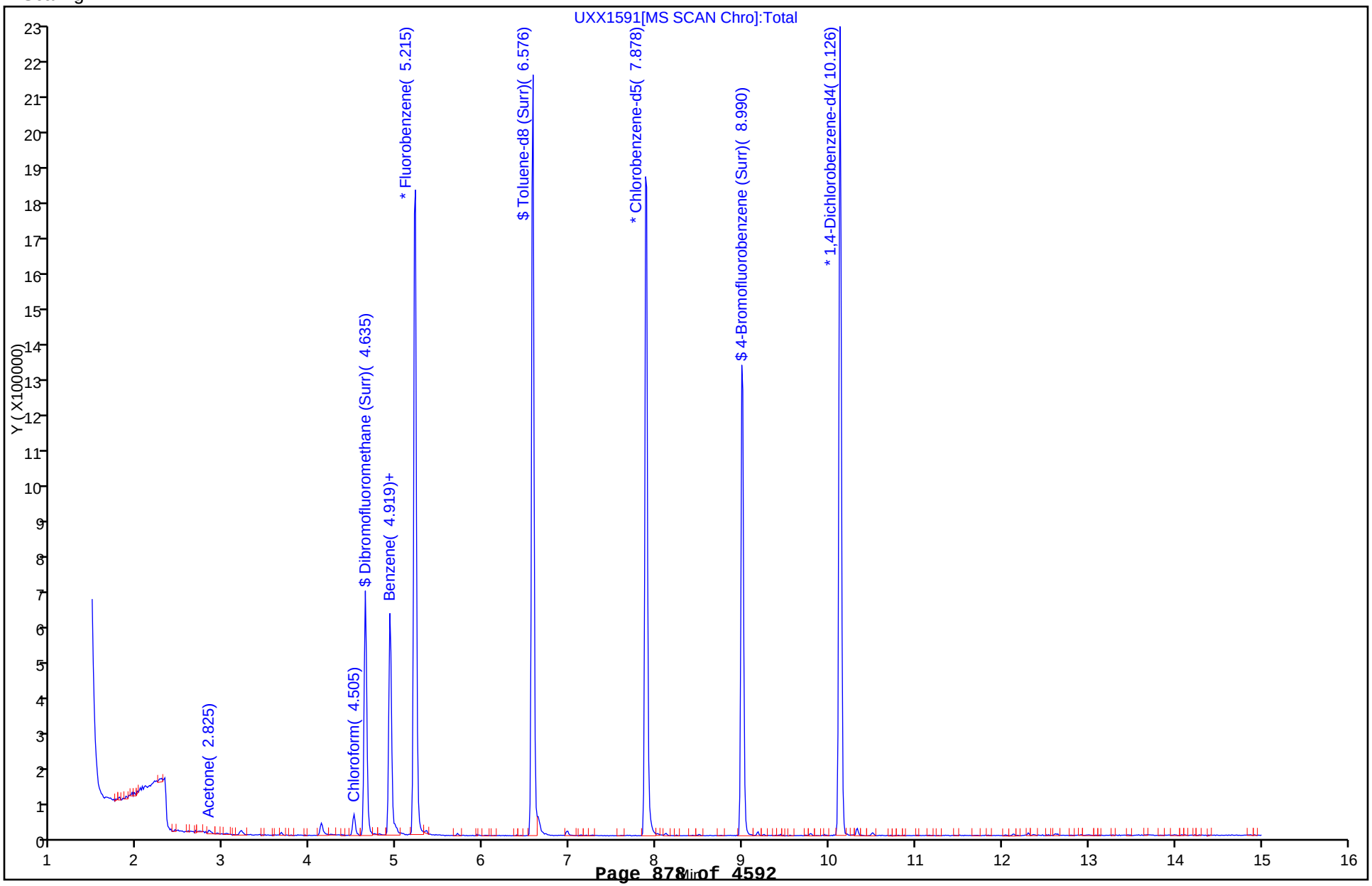
Report Date: 21-Dec-2012 08:34:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1591.D

Injection Date:	20-Dec-2012 13:42:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076-0140-0001-ER	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	7
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



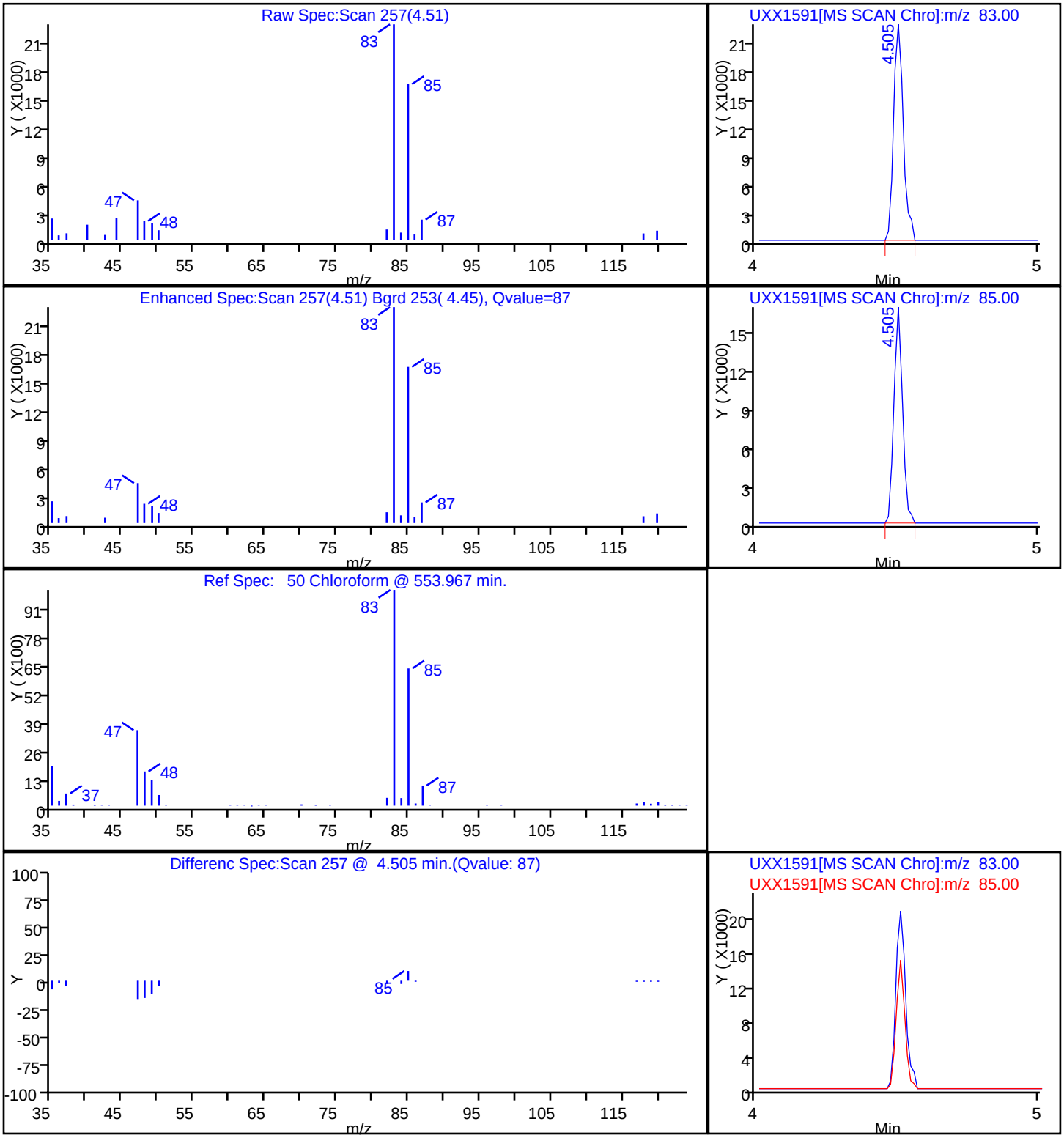
Report Date: 21-Dec-2012 08:34:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1591.D

Injection Date:	20-Dec-2012 13:42:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076-0140-0001-ER	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	7
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

50 Chloroform



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0141-0001-TB | Lab Sample ID: 240-18703-25

Matrix: Water | Lab File ID: UXX1597.D

Analysis Method: 8260B/DoD | Date Collected: 12/09/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 15:53

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.: 69591 | 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)	0.36	J	10	0.50	0.32
67-64-1	Acetone	12		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.: 240-18703-1

SDG No.:

Client Sample ID: 076-0141-0001-TB Lab Sample ID: 240-18703-25

Matrix: Water Lab File ID: UXX1597.D

Analysis Method: 8260B/DoD Date Collected: 12/09/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 15:53

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.: 69591 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)	92		70-120
460-00-4	4-Bromofluorobenzene (Surr)	90		75-120
1868-53-7	Dibromofluoromethane (Surr)	102		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1597.D
Lims ID: 240-18703-A-25 Client ID: 076-0141-0001-TB
Inject. Date: 20-Dec-2012 15:53:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016059-013
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 69591 Lims Sample ID: 13
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.204	0.003	100	1980994	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.879	0.002	82	1410659	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.127	0.002	92	801791	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.639	4.639	0.0	59	474371	10.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.923	4.923	0.0	0	497736	9.20	
$ 7 Toluene-d8 (Surr)	98	6.579	6.568	0.011	93	1732259	9.48	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	95	577216	8.98	
13 Chloromethane	50		1.693					9
14 Vinyl chloride	62		1.799					
16 Bromomethane	94		2.095					
17 Chloroethane	64		2.178					
23 1,1-Dichloroethene	96		2.817					
24 Acetone	43	2.840	2.829	0.011	99	143119	11.6	
27 Carbon disulfide	76		3.006					9
31 Methylene Chloride	84	3.207	3.195	0.012	83	56407	0.1322	
34 trans-1,2-Dichloroethene	96		3.432					
35 Methyl tert-butyl ether	73		3.432					
37 1,1-Dichloroethane	63		3.775					
43 cis-1,2-Dichloroethene	96		4.248					
42 2-Butanone (MEK)	43	4.248	4.248	0.0	79	9063	0.4991	
48 Chlorobromomethane	128		4.450					
50 Chloroform	83		4.497					
51 1,1,1-Trichloroethane	97		4.686					
54 Carbon tetrachloride	117		4.828					
57 Benzene	78		4.982					9
56 1,2-Dichloroethane	62		4.982					
61 Trichloroethene	130		5.526					
64 1,2-Dichloropropane	63		5.704					
68 Dichlorobromomethane	83		5.929					
71 cis-1,3-Dichloropropene	75		6.319					
72 4-Methyl-2-pentanone (MIBK)	43	6.449	6.449	0.0	65	13015	0.3550	
73 Toluene	91		6.627					9

	Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
74	trans-1,3-Dichloropropene	75		6.804					
76	1,1,2-Trichloroethane	97		6.970					
78	Tetrachloroethene	164		7.136					
79	2-Hexanone	43		7.183					9
81	Chlorodibromomethane	129		7.337					
83	Ethylene Dibromide	107		7.455					
85	Chlorobenzene	112		7.905					
87	Ethylbenzene	106		8.011					
88	m-Xylene & p-Xylene	106		8.118					
89	o-Xylene	106		8.496					
90	Styrene	104		8.508					
91	Bromoform	173		8.686					
95	1,1,2,2-Tetrachloroethane	83		9.112					
S 120	1,2-Dichloroethene, Total	96		1.140					7
S 122	Xylenes, Total	106		16.530					7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

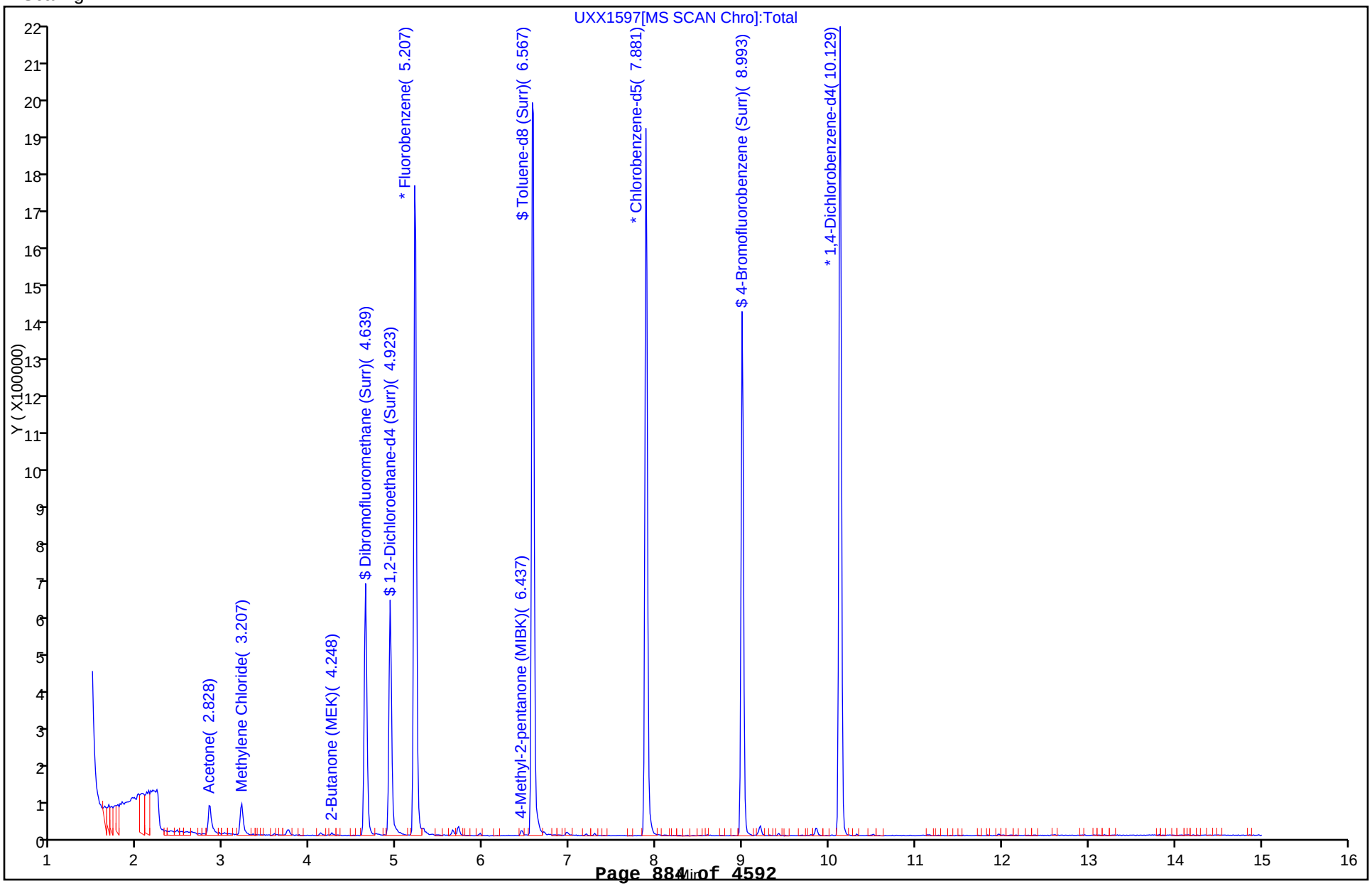
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TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1597.D

Injection Date:	20-Dec-2012 15:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076-0141-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	13
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



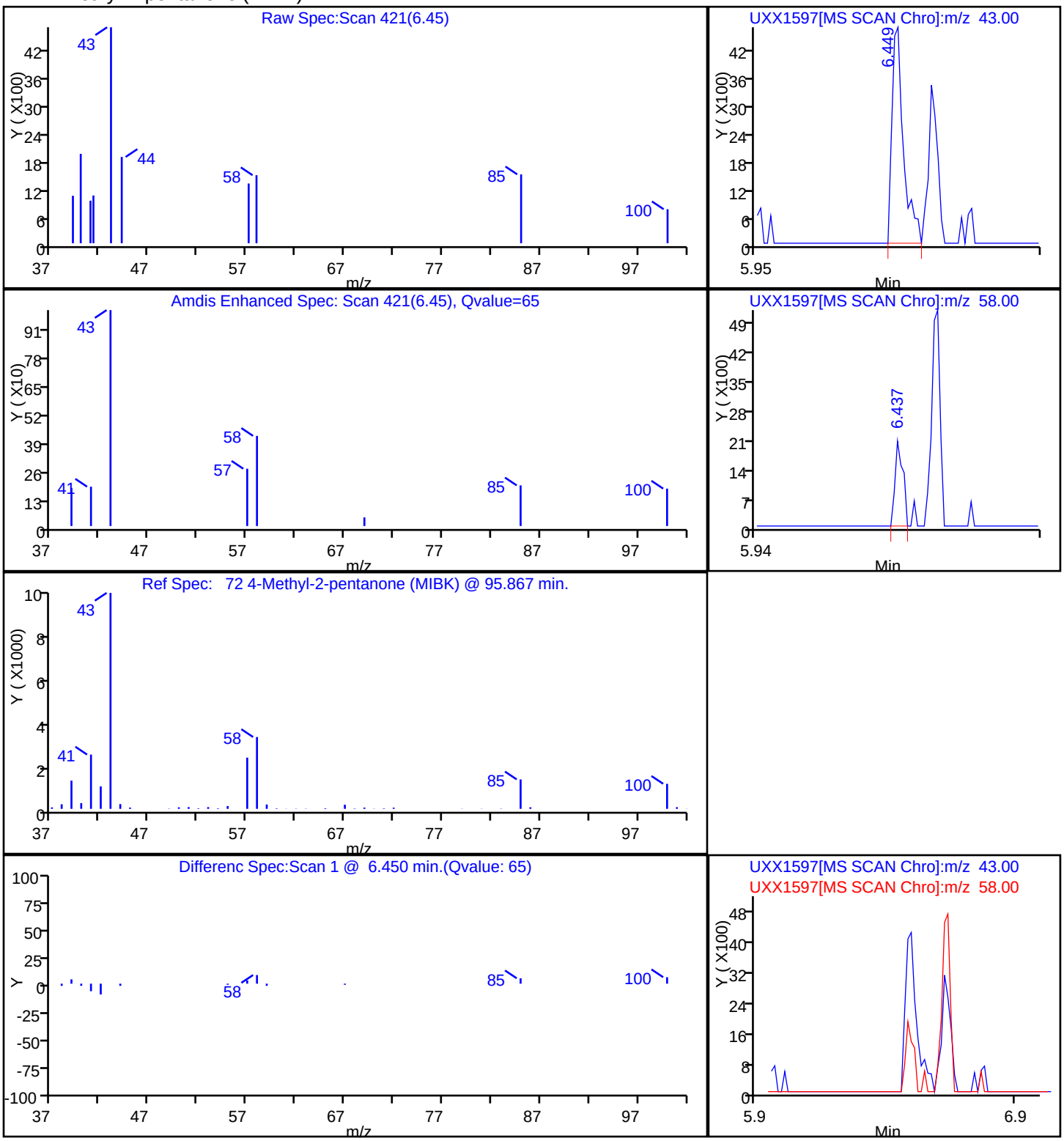
Report Date: 21-Dec-2012 08:34:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1597.D

Injection Date:	20-Dec-2012 15:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076-0141-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	13
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 4-Methyl-2-pentanone (MIBK)



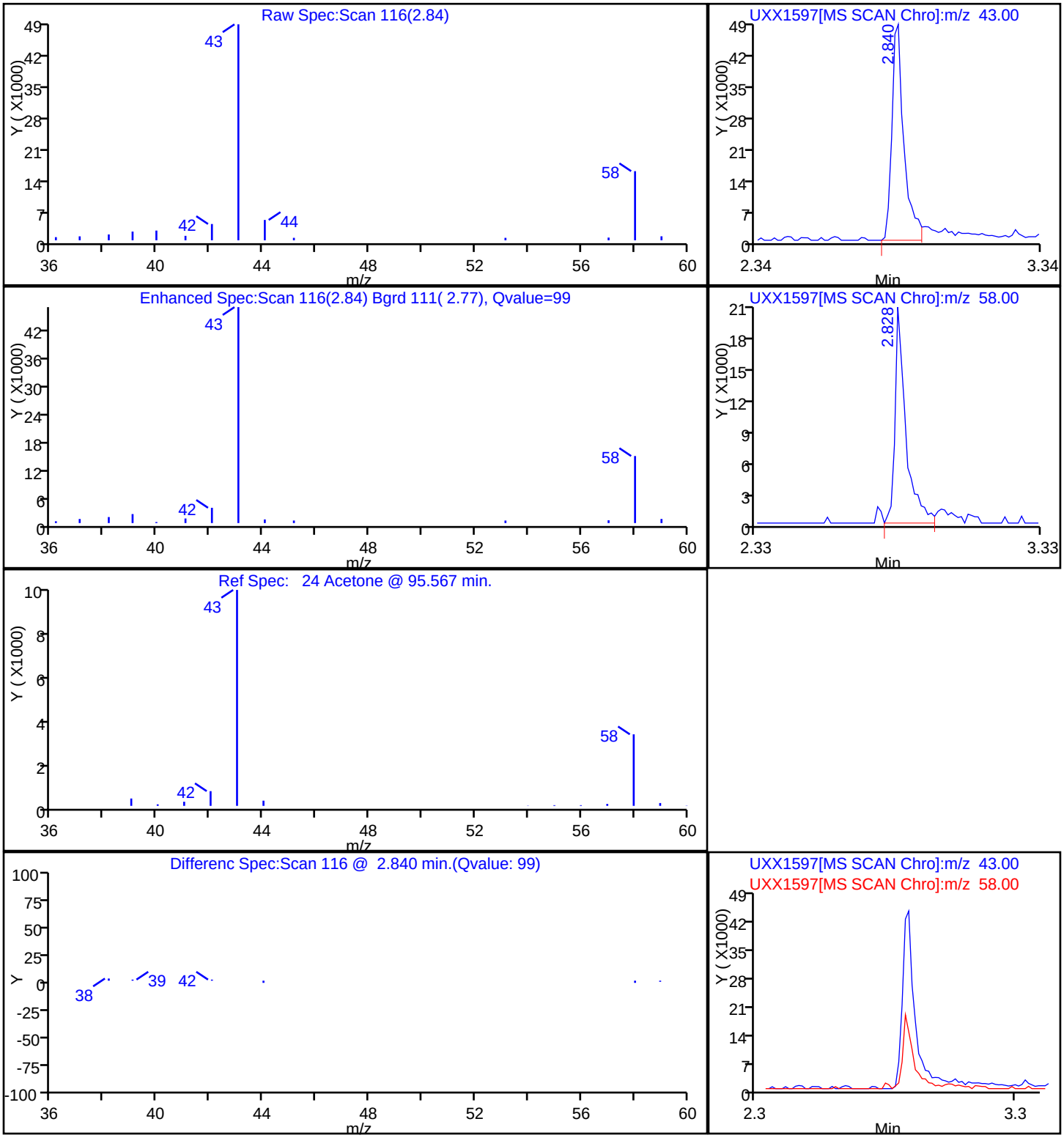
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TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1597.D

Injection Date:	20-Dec-2012 15:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076-0141-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	13
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

24 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0142-0001-TB | Lab Sample ID: 240-18703-26

Matrix: Water | Lab File ID: UXX1598.D

Analysis Method: 8260B/DoD | Date Collected: 12/09/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 16:15

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.: 69591 | 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)	0.60	J	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)	0.35	J	10	0.50	0.32
67-64-1	Acetone	12		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.: 240-18703-1

SDG No.:

Client Sample ID: 076-0142-0001-TB Lab Sample ID: 240-18703-26

Matrix: Water Lab File ID: UXX1598.D

Analysis Method: 8260B/DoD Date Collected: 12/09/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 16:15

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.: 69591 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	96		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-120
460-00-4	4-Bromofluorobenzene (Surr)	91		75-120
1868-53-7	Dibromofluoromethane (Surr)	101		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1598.D
Lims ID: 240-18703-A-26 Client ID: 076-0142-0001-TB
Inject. Date: 20-Dec-2012 16:15:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016059-014
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 14
Lims Batch ID: 69591 Lims Sample ID: 14
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.206	5.204	0.002	100	1993184	10.0	
* 2 Chlorobenzene-d5	117	7.880	7.879	0.001	84	1384059	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.127	0.002	92	808423	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.638	4.639	-0.001	59	473290	10.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.922	4.923	-0.001	0	498793	9.16	
$ 7 Toluene-d8 (Surr)	98	6.579	6.568	0.011	92	1719375	9.59	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	95	570974	9.06	
13 Chloromethane	50		1.693					9
14 Vinyl chloride	62		1.799					
16 Bromomethane	94		2.095					
17 Chloroethane	64		2.178					
23 1,1-Dichloroethene	96		2.817					
24 Acetone	43	2.828	2.829	-0.001	97	148587	12.0	
27 Carbon disulfide	76		3.006					9
31 Methylene Chloride	84	3.195	3.195	-0.001	88	64299	0.2708	
34 trans-1,2-Dichloroethene	96		3.432					
35 Methyl tert-butyl ether	73		3.432					
37 1,1-Dichloroethane	63		3.775					
43 cis-1,2-Dichloroethene	96		4.248					
42 2-Butanone (MEK)	43	4.259	4.248	0.011	76	11022	0.6033	
48 Chlorobromomethane	128		4.450					
50 Chloroform	83		4.497					
51 1,1,1-Trichloroethane	97		4.686					
54 Carbon tetrachloride	117		4.828					
57 Benzene	78		4.982					
56 1,2-Dichloroethane	62		4.982					
61 Trichloroethene	130		5.526					
64 1,2-Dichloropropane	63		5.704					9
68 Dichlorobromomethane	83		5.929					
71 cis-1,3-Dichloropropene	75		6.319					
72 4-Methyl-2-pentanone (MIBK)	43	6.449	6.449	0.0	65	12862	0.3487	
73 Toluene	91		6.627					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
74 trans-1,3-Dichloropropene	75		6.804					
76 1,1,2-Trichloroethane	97		6.970					
78 Tetrachloroethene	164		7.136					
79 2-Hexanone	43		7.183					9
81 Chlorodibromomethane	129		7.337					
83 Ethylene Dibromide	107		7.455					
85 Chlorobenzene	112		7.905					
87 Ethylbenzene	106		8.011					
88 m-Xylene & p-Xylene	106		8.118					
89 o-Xylene	106		8.496					
90 Styrene	104		8.508					9
91 Bromoform	173		8.686					
95 1,1,2,2-Tetrachloroethane	83		9.112					
S 120 1,2-Dichloroethene, Total	96		1.140					7
S 122 Xylenes, Total	106		16.530					7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

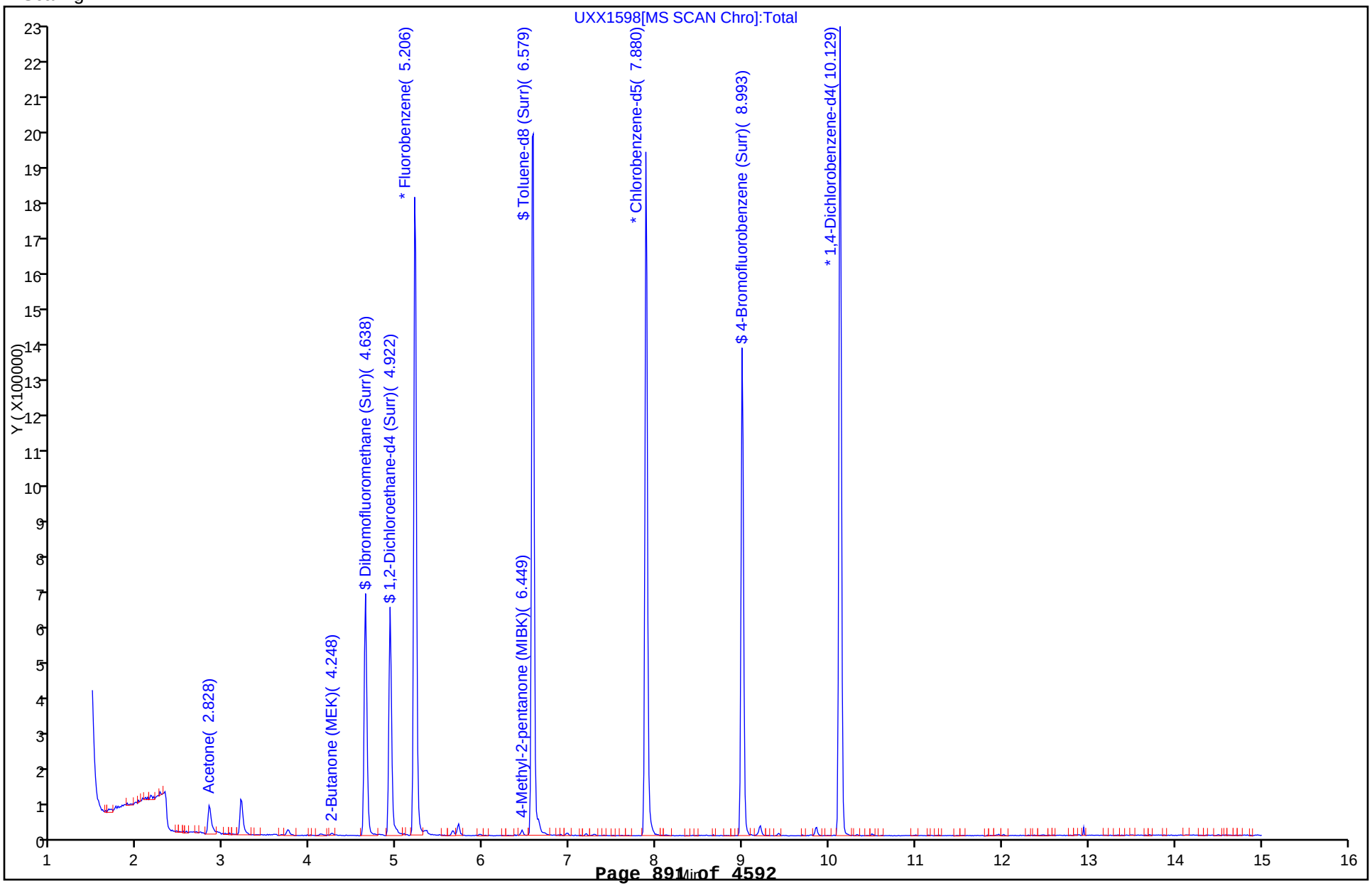
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TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1598.D

Injection Date:	20-Dec-2012 16:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076-0142-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	14
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



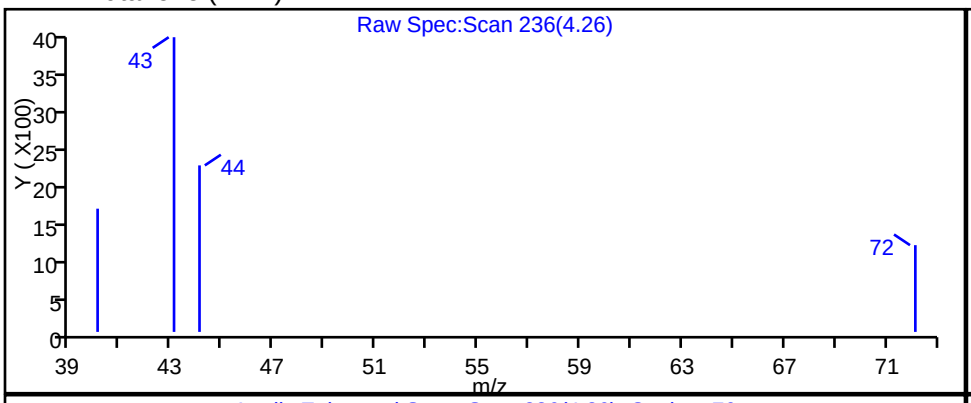
Report Date: 21-Dec-2012 08:34:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

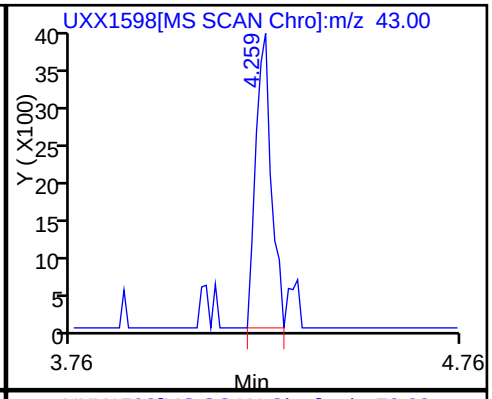
TestAmerica Canton

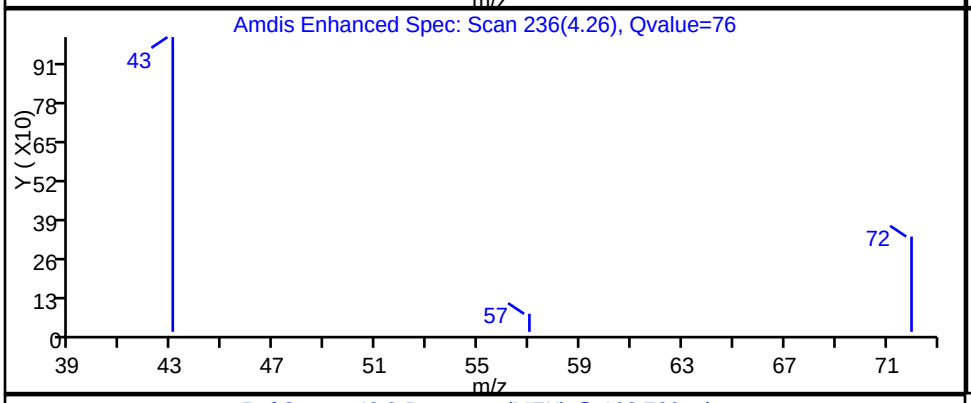
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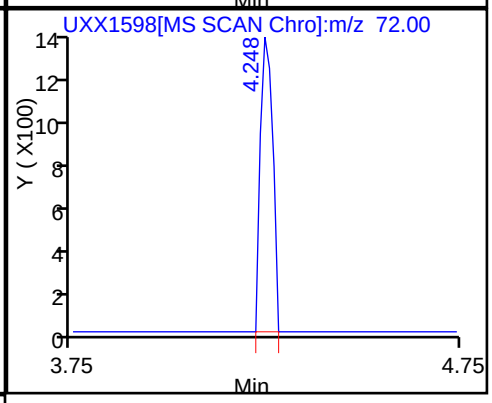
Injection Date:	20-Dec-2012 16:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076-0142-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	14
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

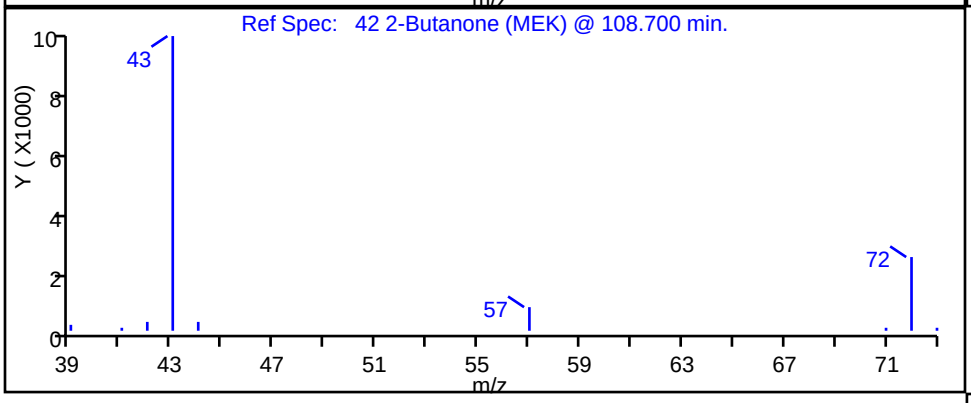
42 2-Butanone (MEK)

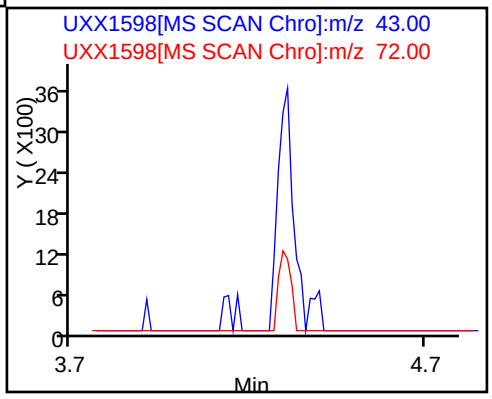












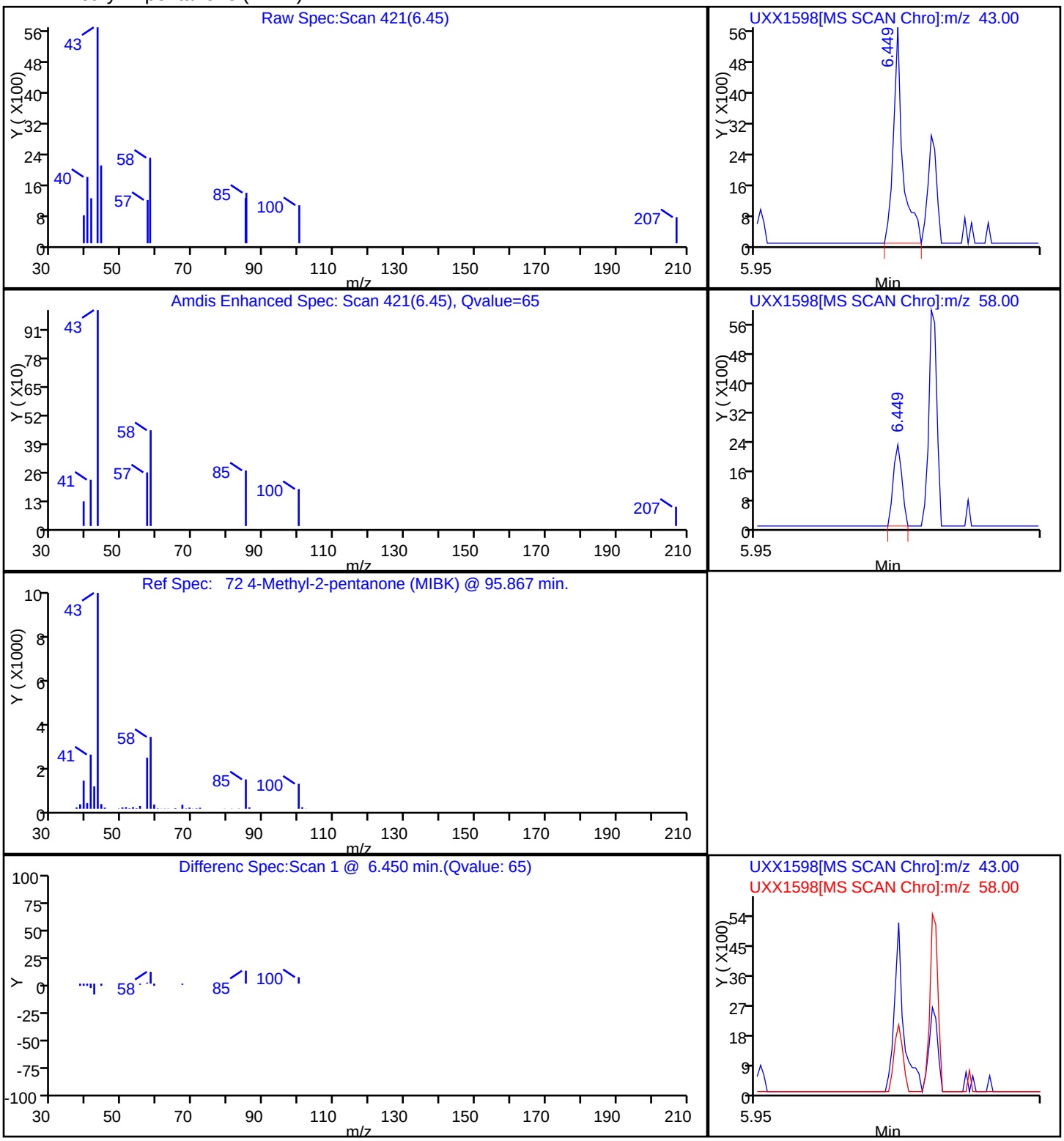
Report Date: 21-Dec-2012 08:34:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1598.D

Injection Date:	20-Dec-2012 16:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076-0142-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	14
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 4-Methyl-2-pentanone (MIBK)



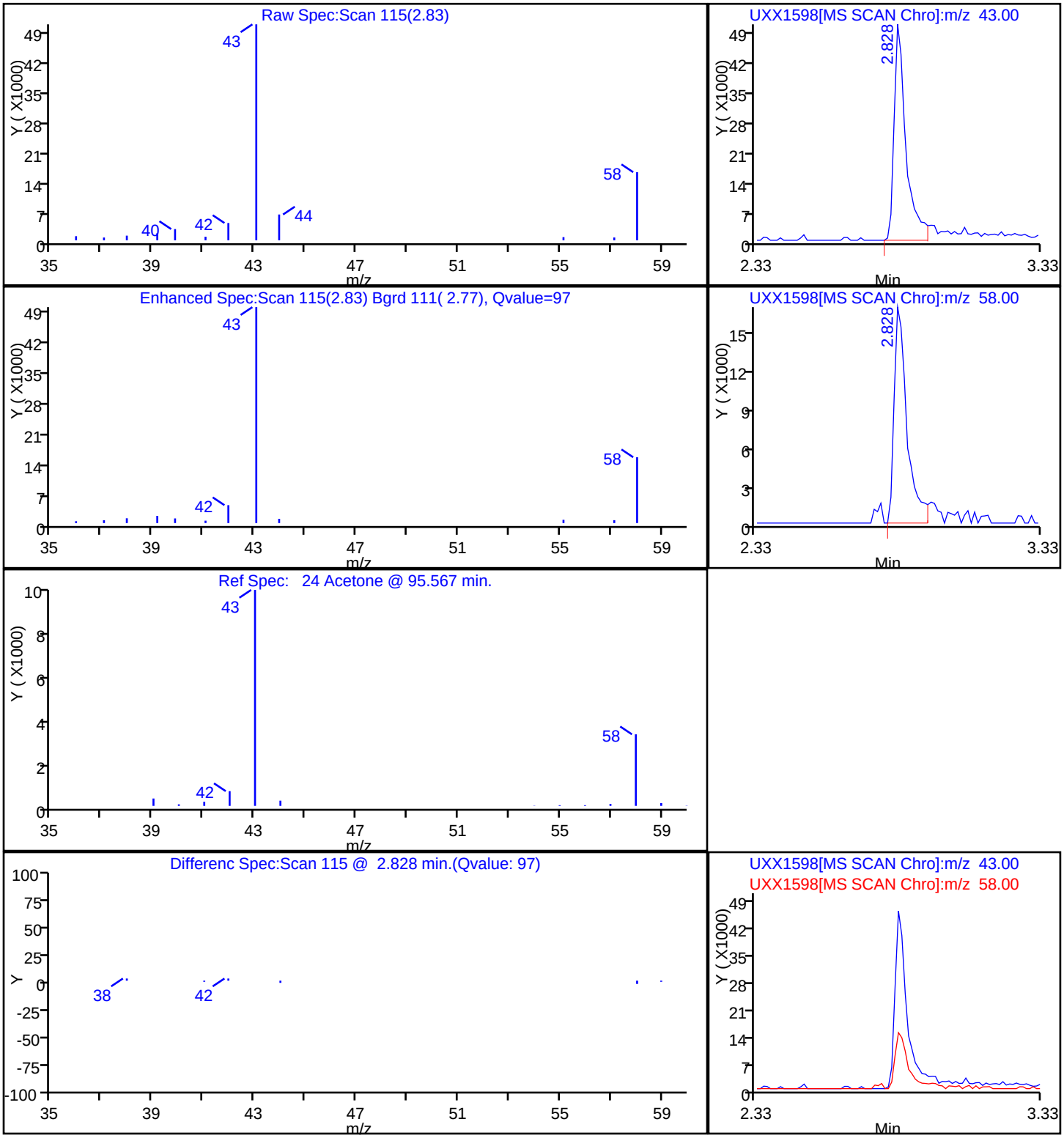
Report Date: 21-Dec-2012 08:34:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1598.D

Injection Date:	20-Dec-2012 16:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076-0142-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	14
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

24 Acetone



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-68811/7	UXX1405.D
Level 2	STD8260 240-68811/6	UXX1404.D
Level 3	STD8260 240-68811/5	UXX1403.D
Level 4	STD8260 240-68811/4	UXX1402.D
Level 5	STD8260 240-68811/3	UXX1401.D
Level 6	STD8260 240-68811/2	UXX1400.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	0.1682 0.2001	0.1834	0.1868	0.1863	0.1845	Ave		0.1849			0.1000	5.5		15.0			
Chloromethane	0.3695 0.3307	0.3350	0.3055	0.3246	0.3150	Ave		0.3300			0.1000	6.7		15.0			
Vinyl chloride	0.3547 0.3344	0.3245	0.3202	0.3230	0.3129	Ave		0.3283			0.1000	4.5		15.0			
Bromomethane	0.1859 0.1347	0.1569	0.1557	0.1519	0.1395	Ave		0.1541			0.0500	12.0		15.0			
Chloroethane	0.2127 0.1877	0.1943	0.1865	0.1845	0.1820	Ave		0.1913				5.9		15.0			
Trichlorofluoromethane	0.2902 0.2557	0.2794	0.2672	0.2616	0.2391	Ave		0.2655			0.1000	6.8		15.0			
Acrolein	0.0304 0.0294	0.0301	0.0303	0.0299	0.0297	Ave		0.0300				1.2		15.0			
1,1-Dichloroethene	0.2719 0.2466	0.2674	0.2491	0.2423	0.2434	Ave		0.2534			0.1000	5.1		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2212 0.1977	0.2085	0.1866	0.1878	0.1857	Ave		0.1979			0.0500	7.3		15.0			
Acetone	0.0868 0.0585	0.0703	0.0593	0.0626	0.0588	Lin1	0.0530	0.0578			0.0500				0.9990		0.9950
Iodomethane	0.4305 0.3878	0.4044	0.3998	0.3989	0.3923	Ave		0.4023				3.7		15.0			
Carbon disulfide	0.8008 0.8201	0.7373	0.7428	0.7660	0.7648	Ave		0.7720			0.1000	4.2		15.0			
Acetonitrile	0.0181 0.0183	0.0184	0.0180	0.0175	0.0171	Ave		0.0179				2.8		15.0			
Methyl acetate	0.2022 0.1801	0.1856	0.1932	0.1816	0.1804	Ave		0.1872			0.1000	4.7		15.0			
Methylene Chloride	0.5366 0.2822	0.3910	0.3185	0.2940	0.2831	Lin1	0.2486	0.2732			0.1000				1.0000		0.9950

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.: 240-18703-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

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	0.0114 0.0105	0.0122	0.0121	0.0114	0.0113	Ave		0.0115				5.6		15.0			
Acrylonitrile	0.0892 0.0856	0.0869	0.0919	0.0881	0.0879	Ave		0.0883				2.5		15.0			
Methyl tert-butyl ether	0.6397 0.7181	0.6462	0.6706	0.6819	0.6896	Ave		0.6743			0.1000	4.3		15.0			
trans-1,2-Dichloroethene	0.2888 0.2750	0.2742	0.2690	0.2726	0.2680	Ave		0.2746			0.1000	2.7		15.0			
Hexane	0.0550 0.0564	0.0595	0.0532	0.0525	0.0512	Ave		0.0546				5.5		15.0			
1,1-Dichloroethane	0.4718 0.4567	0.4588	0.4447	0.4475	0.4445	Ave		0.4540			0.1000	2.3		15.0			
Vinyl acetate	0.0355 0.0436	0.0320	0.0385	0.0406	0.0424	Ave		0.0388				11.0		15.0			
2-Butanone (MEK)	0.0971 0.0923	0.0854	0.0935	0.0877	0.0940	Ave		0.0917			0.0500	4.7		15.0			
cis-1,2-Dichloroethene	0.3064 0.2938	0.2833	0.2880	0.2894	0.2853	Ave		0.2910			0.1000	2.9		15.0			
2,2-Dichloropropane	0.2273 0.2512	0.2253	0.2368	0.2360	0.2401	Ave		0.2361				4.0		15.0			
Bromochloromethane	0.1484 0.1412	0.1509	0.1408	0.1373	0.1402	Ave		0.1431				3.7		15.0			
Tetrahydrofuran	0.0674 0.0622	0.0681	0.0592	0.0620	0.0640	Ave		0.0638				5.4		15.0			
Chloroform	0.4803 0.4604	0.4625	0.4493	0.4503	0.4488	Ave		0.4586				2.7		15.0			
1,1,1-Trichloroethane	0.3361 0.3437	0.3248	0.3289	0.3315	0.3327	Ave		0.3330			0.1000	1.9		15.0			
Cyclohexane	0.4243 0.4454	0.4045	0.3992	0.4183	0.4156	Ave		0.4179			0.1000	3.9		15.0			
1,1-Dichloropropene	0.3295 0.3559	0.3313	0.3332	0.3329	0.3395	Ave		0.3371				2.9		15.0			
Carbon tetrachloride	0.3013 0.3092	0.2765	0.2779	0.2882	0.2875	Ave		0.2901			0.1000	4.5		15.0			
1,2-Dichloroethane	0.3228 0.3284	0.3200	0.3184	0.3149	0.3142	Ave		0.3198			0.1000	1.7		15.0			
Benzene	1.1588 1.1315	1.0685	1.0679	1.0507	1.0629	Ave		1.0901			0.5000	4.0		15.0			
Trichloroethene	0.2923 0.2857	0.2685	0.2757	0.2717	0.2757	Ave		0.2783			0.2000	3.2		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.: 240-18703-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

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	0.2388 0.2561	0.2264	0.2362	0.2412	0.2433	Ave		0.2403			0.1000	4.0		15.0			
Methylcyclohexane	0.3619 0.3979	0.3552	0.3478	0.3665	0.3688	Ave		0.3663			0.1000	4.7		15.0			
Dibromomethane	0.1556 0.1462	0.1342	0.1407	0.1411	0.1402	Ave		0.1430				5.1		15.0			
1,4-Dioxane	0.0012 0.0015	0.0012	0.0016	0.0015	0.0017	Ave		0.0015				15.0		15.0			
Bromodichloromethane	0.2936 0.3339	0.2698	0.2864	0.2969	0.3032	Ave		0.2973			0.1000	7.2		15.0			
2-Chloroethyl vinyl ether	0.1115 0.1488	0.1069	0.1191	0.1267	0.1370	Ave		0.1250				13.0		15.0			
cis-1,3-Dichloropropene	0.3102 0.4014	0.2932	0.3276	0.3465	0.3669	Ave		0.3410			0.1500	12.0		15.0			
4-Methyl-2-pentanone (MIBK)	0.1683 0.2040	0.1750	0.1806	0.1851	0.1973	Ave		0.1850			0.0500	7.3		15.0			
Toluene	1.6137 1.6761	1.4739	1.6053	1.5903	1.6365	Ave		1.5993			0.4000	4.3		15.0			
trans-1,3-Dichloropropene	0.3775 0.4939	0.3648	0.4102	0.4285	0.4685	Ave		0.4239			0.1000	12.0		15.0			
Ethyl methacrylate	0.3069 0.4515	0.3026	0.3649	0.3987	0.4250	Lin1	-0.220	0.4436							0.9980		0.9950
1,1,2-Trichloroethane	0.3278 0.3056	0.3043	0.3189	0.3027	0.3015	Ave		0.3101			0.1000	3.5		15.0			
1,3-Dichloropropane	0.5523 0.5528	0.5256	0.5345	0.5247	0.5421	Ave		0.5387				2.3		15.0			
Tetrachloroethene	0.3348 0.3277	0.3229	0.3366	0.3179	0.3236	Ave		0.3273			0.2000	2.2		15.0			
2-Hexanone	0.1557 0.1890	0.1610	0.1776	0.1826	0.1933	Ave		0.1765			0.0500	8.6		15.0			
Dibromochloromethane	0.2849 0.3652	0.2686	0.3176	0.3275	0.3393	Ave		0.3172				11.0		15.0			
1,2-Dibromoethane	0.3005 0.3161	0.2900	0.3108	0.3001	0.3132	Ave		0.3051				3.3		15.0			
Chlorobenzene	1.1260 1.0833	1.0071	1.0336	1.0154	1.0453	Ave		1.0518			0.3000	4.3		15.0			
1,1,1,2-Tetrachloroethane	0.3541 0.3776	0.3331	0.3588	0.3579	0.3754	Ave		0.3595				4.5		15.0			
Ethylbenzene	0.5069 0.5868	0.4902	0.5404	0.5381	0.5610	Ave		0.5372				6.5		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.: 240-18703-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

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	0.6166 0.7545	0.6271	0.6839	0.6854	0.7110	Ave		0.6797				7.6		15.0			
o-Xylene	0.6328 0.7117	0.5709	0.6506	0.6704	0.6861	Ave		0.6537				7.5		15.0			
Styrene	0.9317 1.2368	0.9461	1.0744	1.1016	1.1551	Ave		1.0743			0.3000	11.0		15.0			
Bromoform	0.1763 0.2364	0.1902	0.2005	0.2055	0.2280	Ave		0.2062			0.1000	11.0		15.0			
Isopropylbenzene	1.4472 1.7732	1.4438	1.5725	1.6035	1.6958	Ave		1.5893			0.1000	8.3		15.0			
1,1,2,2-Tetrachloroethane	0.7430 0.6961	0.7251	0.7069	0.7048	0.7013	Ave		0.7129			0.3000	2.5		15.0			
Bromobenzene	0.7442 0.8313	0.7466	0.7570	0.7432	0.7534	Ave		0.7626				4.5		15.0			
1,2,3-Trichloropropane	0.2230 0.2282	0.2452	0.2302	0.2326	0.2315	Ave		0.2318				3.2		15.0			
trans-1,4-Dichloro-2-butene	0.1570 0.2076	0.1620	0.1744	0.1732	0.1834	Ave		0.1763				10.0		15.0			
N-Propylbenzene	0.6510 0.8523	0.6581	0.7377	0.7697	0.7580	Ave		0.7378				10.0		15.0			
2-Chlorotoluene	0.6746 0.7582	0.6576	0.7068	0.6979	0.6968	Ave		0.6986				4.9		15.0			
1,3,5-Trimethylbenzene	1.7867 2.4099	1.9461	2.1727	2.2113	2.2293	Ave		2.1260				10.0		15.0			
4-Chlorotoluene	0.6877 0.8259	0.7122	0.7364	0.7447	0.7564	Ave		0.7439				6.3		15.0			
tert-Butylbenzene	1.7120 2.1782	1.8120	2.0057	1.8304	1.8804	Ave		1.9031				8.7		15.0			
1,2,4-Trimethylbenzene	1.8729 2.4382	2.0120	2.2186	2.2759	2.2862	Ave		2.1840				9.4		15.0			
sec-Butylbenzene	2.1318 2.5753	2.2435	2.4366	2.4214	2.4492	Ave		2.3763				6.7		15.0			
1,3-Dichlorobenzene	1.3914 1.4735	1.3824	1.4326	1.3721	1.3998	Ave		1.4086			0.6000	2.7		15.0			
4-Isopropyltoluene	1.7643 2.2184	1.8945	2.0657	2.0877	2.1191	Ave		2.0249				8.2		15.0			
1,4-Dichlorobenzene	1.6280 1.5470	1.5208	1.5108	1.4623	1.4987	Ave		1.5279			0.5000	3.7		15.0			
n-Butylbenzene	1.5106 1.7571	1.4973	1.6196	1.6360	1.6826	Ave		1.6172				6.2		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.: 240-18703-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

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	1.3941 1.3306	1.3226	1.3905	1.3403	1.3323	Ave		1.3517			0.4000	2.4		15.0			
1,2-Dibromo-3-Chloropropane	0.1129 0.0886	0.1035	0.1131	0.1096	0.1109	Ave		0.1064			0.0500	8.8		15.0			
1,3,5-Trichlorobenzene	0.7777 0.6258	0.7708	0.7864	0.7494	0.7218	Ave		0.7387				8.1		15.0			
1,2,4-Trichlorobenzene	0.6656 0.5045	0.6817	0.6711	0.6485	0.6512	Ave		0.6371			0.2000	10.0		15.0			
Hexachlorobutadiene	0.3692 +++++	0.3611	0.3119	0.2854	0.2566	Ave		0.3169				15.0		15.0			
Naphthalene	1.4153 1.1677	1.5101	1.7168	1.7220	1.7465	Ave		1.5464				15.0		15.0			
1,2,3-Trichlorobenzene	0.6490 +++++	0.6364	0.6570	0.6076	0.5677	Ave		0.6235				5.8		15.0			
Dibromofluoromethane (Surr)	0.2297 0.2371	0.2202	0.2409	0.2434	0.2327	Ave		0.2340				3.6		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2706 0.2750	0.2719	0.2709	0.2847	0.2663	Ave		0.2732				2.3		15.0			
Toluene-d8 (Surr)	1.2310 1.3606	1.2008	1.3307	1.3332	1.3136	Ave		1.2950				4.9		15.0			
4-Bromofluorobenzene (Surr)	0.4411 0.4722	0.4273	0.4615	0.4662	0.4651	Ave		0.4556				3.8		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.: 240-18703-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-68811/7	UXX1405.D
Level 2	STD8260 240-68811/6	UXX1404.D
Level 3	STD8260 240-68811/5	UXX1403.D
Level 4	STD8260 240-68811/4	UXX1402.D
Level 5	STD8260 240-68811/3	UXX1401.D
Level 6	STD8260 240-68811/2	UXX1400.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	30879 1465250	71948	195190	367469	701197	1.00 40.0	2.00	5.00	10.0	20.0
Chloromethane	FB	Ave	67830 2421494	131438	319288	640285	1197291	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl chloride	FB	Ave	65107 2448503	127350	334620	637089	1189219	1.00 40.0	2.00	5.00	10.0	20.0
Bromomethane	FB	Ave	34128 986207	61559	162768	299602	530218	1.00 40.0	2.00	5.00	10.0	20.0
Chloroethane	FB	Ave	39044 1374711	76233	194942	364043	691777	1.00 40.0	2.00	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	53264 1872605	109640	279258	516118	908849	1.00 40.0	2.00	5.00	10.0	20.0
Acrolein	FB	Ave	55829 2155771	118104	316219	590361	1128836	10.0 400	20.0	50.0	100	200
1,1-Dichloroethene	FB	Ave	49912 1805547	104920	260297	478079	924980	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	40608 1447462	81824	195023	370380	705696	1.00 40.0	2.00	5.00	10.0	20.0
Acetone	FB	Lin1	31865 855958	55185	123882	247062	447033	2.00 80.0	4.00	10.0	20.0	40.0
Iodomethane	FB	Ave	79033 2839133	158689	417853	786944	1491127	1.00 40.0	2.00	5.00	10.0	20.0
Carbon disulfide	FB	Ave	147001 6005070	289306	776307	1511067	2906807	1.00 40.0	2.00	5.00	10.0	20.0
Acetonitrile	FB	Ave	33234 1342771	72167	188394	344829	650587	10.0 400	20.0	50.0	100	200
Methyl acetate	FB	Ave	74236 2638039	145700	403759	716425	1371027	2.00 80.0	4.00	10.0	20.0	40.0
Methylene Chloride	FB	Lin1	98498 2066270	153419	332847	579966	1075839	1.00 40.0	2.00	5.00	10.0	20.0
2-Methyl-2-propanol	FB	Ave	42011 1530596	96112	253376	450805	858644	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.: 240-18703-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

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	32738 1253177	68221	192143	347593	668258	2.00 80.0	4.00	10.0	20.0	40.0
Methyl tert-butyl ether	FB	Ave	117426 5258214	253570	700832	1345206	2620917	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	53022 2013318	107586	281119	537762	1018642	1.00 40.0	2.00	5.00	10.0	20.0
Hexane	FB	Ave	10101 413173	23363	55548	103509	194683	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloroethane	FB	Ave	86603 3344223	180038	464711	882807	1689424	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl acetate	FB	Ave	6515 318877	12565	40276	80180	161200	1.00 40.0	2.00	5.00	10.0	20.0
2-Butanone (MEK)	FB	Ave	35644 1351963	67000	195379	346151	714268	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	56243 2151531	111152	301005	570916	1084405	1.00 40.0	2.00	5.00	10.0	20.0
2,2-Dichloropropane	FB	Ave	41719 1839264	88390	247518	465524	912625	1.00 40.0	2.00	5.00	10.0	20.0
Bromochloromethane	FB	Ave	27240 1034113	59224	147118	270865	533012	1.00 40.0	2.00	5.00	10.0	20.0
Tetrahydrofuran	FB	Ave	12370 455243	26729	61864	122366	243391	1.00 40.0	2.00	5.00	10.0	20.0
Chloroform	FB	Ave	88171 3370739	181502	469599	888343	1705669	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	61698 2516616	127454	343724	653910	1264608	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexane	FB	Ave	77885 3261330	158733	417191	825127	1579443	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloropropene	FB	Ave	60486 2605682	130002	348272	656670	1290438	1.00 40.0	2.00	5.00	10.0	20.0
Carbon tetrachloride	FB	Ave	55305 2264034	108482	290391	568496	1092712	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane	FB	Ave	59264 2404196	125575	332746	621111	1194163	1.00 40.0	2.00	5.00	10.0	20.0
Benzene	FB	Ave	212719 8285150	419287	1116074	2072804	4039822	1.00 40.0	2.00	5.00	10.0	20.0
Trichloroethene	FB	Ave	53655 2092163	105370	288125	535904	1047905	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloropropane	FB	Ave	43830 1874945	88848	246855	475830	924602	1.00 40.0	2.00	5.00	10.0	20.0
Methylcyclohexane	FB	Ave	66442 2913559	139383	363431	723017	1401580	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.: 240-18703-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

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
Dibromomethane	FB	Ave	28558 1070356	52642	147000	278287	532813	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dioxane	FB	Ave	11215 546333	23007	86141	152231	320231	50.0 2000	100	250	500	1000
Bromodichloromethane	FB	Ave	53902 2444656	105852	299266	585738	1152209	1.00 40.0	2.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	40924 2178949	83867	248859	499763	1041269	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	56936 2939323	115070	342339	683552	1394385	1.00 40.0	2.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	61798 2986828	137346	377538	730318	1499585	2.00 80.0	4.00	10.0	20.0	40.0
Toluene	CBZ	Ave	201223 8918073	391475	1115595	2181955	4260011	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Ave	47071 2627978	96889	285077	587888	1219585	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Lin1	38268 2402128	80366	253577	547095	1106263	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	40879 1626165	80829	221646	415376	784752	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	68872 2941228	139604	371448	719931	1411177	1.00 40.0	2.00	5.00	10.0	20.0
Tetrachloroethene	CBZ	Ave	41752 1743486	85777	233887	436221	842392	1.00 40.0	2.00	5.00	10.0	20.0
2-Hexanone	CBZ	Ave	38833 2011555	85516	246809	501002	1006319	2.00 80.0	4.00	10.0	20.0	40.0
Dibromochloromethane	CBZ	Ave	35521 1943180	71354	220689	449306	883263	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromoethane	CBZ	Ave	37474 1681754	77017	215997	411739	815423	1.00 40.0	2.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	140412 5763785	267494	718279	1393142	2721158	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	44156 2009188	88467	249379	491018	977329	1.00 40.0	2.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	63206 3122357	130191	375534	738252	1460383	1.00 40.0	2.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	153782 8029139	333111	950545	1880784	3701497	2.00 80.0	4.00	10.0	20.0	40.0
o-Xylene	CBZ	Ave	78906 3786625	151628	452161	919839	1785939	1.00 40.0	2.00	5.00	10.0	20.0
Styrene	CBZ	Ave	116186 6580880	251304	746678	1511468	3006905	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.: 240-18703-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

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	21983 1257632	50523	139362	281993	593612	1.00 40.0	2.00	5.00	10.0	20.0
Isopropylbenzene	CBZ	Ave	180463 9434871	383482	1092782	2200056	4414441	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	57603 2103601	116917	291936	582186	1112923	1.00 40.0	2.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	57702 2512184	120378	312609	613898	1195678	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	17288 689742	39531	95077	192099	367359	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	12169 627324	26124	72004	143098	291069	1.00 40.0	2.00	5.00	10.0	20.0
N-Propylbenzene	DCB	Ave	50472 2575518	106115	304646	635760	1202925	1.00 40.0	2.00	5.00	10.0	20.0
2-Chlorotoluene	DCB	Ave	52302 2291217	106035	291871	576466	1105775	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	138525 7282720	313803	897255	1826608	3538007	1.00 40.0	2.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	53322 2495788	114832	304121	615149	1200376	1.00 40.0	2.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	132732 6582408	292170	828302	1511971	2984266	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	145206 7368168	324423	916215	1879912	3628284	1.00 40.0	2.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	165282 7782442	361742	1006256	2000156	3886899	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	107876 4452897	222909	591644	1133384	2221454	1.00 40.0	2.00	5.00	10.0	20.0
4-Isopropyltoluene	DCB	Ave	136793 6703826	305478	853074	1724457	3363069	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	126220 4675040	245211	623927	1207911	2378436	1.00 40.0	2.00	5.00	10.0	20.0
n-Butylbenzene	DCB	Ave	117119 5309751	241423	668858	1351363	2670295	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	108086 4020924	213261	574232	1107131	2114347	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	8751 267693	16687	46693	90506	176060	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trichlorobenzene	DCB	Ave	60296 1891087	124291	324767	619057	1145528	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Ave	51604 1524561	109926	277130	535668	1033524	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.: 240-18703-1 Analy Batch No.: 68811

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/14/2012 15:32 Calibration End Date: 12/14/2012 17:19 Calibration ID: 12853

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	Ave	28628 +++++	58229	128818	235730	407272	1.00 +++++	2.00	5.00	10.0	20.0
Naphthalene	DCB	Ave	109730 3528569	243498	709007	1422425	2771695	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	50318 +++++	102615	271329	501922	900936	1.00 +++++	2.00	5.00	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	42158 1735851	86392	251766	480236	884388	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	49683 2013493	106682	283109	561592	1012260	1.00 40.0	2.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	153502 7239634	318950	924741	1829193	3419440	1.00 40.0	2.00	5.00	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	55001 2512201	113500	320732	639616	1210691	1.00 40.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1400.D
Lims ID: STD8260 L6 Client ID:
Inject. Date: 14-Dec-2012 15:32:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015869-002
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 68811 Lims Sample ID: 2
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:32 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: quayler Date: 14-Dec-2012 16:52:39

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.203	5.206	-0.003	100	1830513	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.880	-0.002	82	1330181	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.129	-0.003	91	755485	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.635	4.636	-0.001	67	1735851	40.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.919	4.920	-0.001	0	2013493	40.3	
$ 7 Toluene-d8 (Surr)	98	6.564	6.565	-0.001	92	7239634	42.0	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.991	-0.001	93	2512201	41.5	
12 Dichlorodifluoromethane	85	1.559	1.560	-0.001	88	1465250	43.3	
13 Chloromethane	50	1.701	1.690	0.011	100	2421494	40.1	
14 Vinyl chloride	62	1.795	1.796	-0.001	97	2448503	40.7	
16 Bromomethane	94	2.091	2.080	0.011	90	986207	35.0	
17 Chloroethane	64	2.174	2.163	0.011	95	1374711	39.3	
19 Trichlorofluoromethane	101	2.399	2.388	0.011	98	1872605	38.5	
21 Acrolein	56	2.707	2.707	0.0	95	2155771	392.9	
23 1,1-Dichloroethene	96	2.813	2.814	-0.001	89	1805547	38.9	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.825	2.826	-0.001	83	1447462	40.0	
24 Acetone	43	2.825	2.826	-0.001	85	855958	80.0	
26 Iodomethane	142	2.943	2.944	-0.001	96	2839133	38.6	
27 Carbon disulfide	76	3.014	3.003	0.011	99	6005070	42.5	
28 Acetonitrile	41	3.050	3.051	-0.001	98	1342771	409.6	
30 Methyl acetate	43	3.109	3.098	0.011	96	2638039	77.0	
31 Methylene Chloride	84	3.204	3.193	0.011	91	2066270	40.4	
32 2-Methyl-2-propanol	59	3.263	3.264	-0.001	98	1530596	727.2	
33 Acrylonitrile	53	3.381	3.382	-0.001	98	1253177	77.6	
35 Methyl tert-butyl ether	73	3.428	3.429	-0.001	88	5258214	42.6	
34 trans-1,2-Dichloroethene	96	3.428	3.429	-0.001	65	2013318	40.1	
36 Hexane	86	3.665	3.666	-0.001	92	413173	41.3	
37 1,1-Dichloroethane	63	3.772	3.772	0.0	97	3344223	40.2	
38 Vinyl acetate	86	3.795	3.796	-0.001	97	318877	44.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 2-Butanone (MEK)	43	4.245	4.246	-0.001	93	1351963	80.6	
43 cis-1,2-Dichloroethene	96	4.245	4.246	-0.001	69	2151531	40.4	
44 2,2-Dichloropropane	77	4.257	4.257	0.0	80	1839264	42.6	
48 Chlorobromomethane	128	4.446	4.447	-0.001	89	1034113	39.5	
49 Tetrahydrofuran	42	4.493	4.494	-0.001	96	455243	39.0	
50 Chloroform	83	4.505	4.494	0.011	82	3370739	40.2	
51 1,1,1-Trichloroethane	97	4.683	4.672	0.011	93	2516616	41.3	
52 Cyclohexane	56	4.742	4.743	-0.001	88	3261330	42.6	
53 1,1-Dichloropropene	75	4.813	4.814	-0.001	94	2605682	42.2	
54 Carbon tetrachloride	117	4.825	4.825	0.0	77	2264034	42.6	
56 1,2-Dichloroethane	62	4.978	4.979	-0.001	46	2404196	41.1	
57 Benzene	78	4.990	4.979	0.011	94	8285150	41.5	
61 Trichloroethene	130	5.523	5.524	-0.001	96	2092163	41.1	
64 1,2-Dichloropropane	63	5.700	5.701	-0.001	91	1874945	42.6	
63 Methylcyclohexane	83	5.700	5.701	-0.001	91	2913559	43.4	
66 Dibromomethane	93	5.807	5.808	-0.001	88	1070356	40.9	
67 1,4-Dioxane	88	5.807	5.808	-0.001	44	546333	2043.4	
68 Dichlorobromomethane	83	5.925	5.926	-0.001	94	2444656	44.9	
70 2-Chloroethyl vinyl ether	63	6.174	6.174	0.0	90	2178949	95.2	
71 cis-1,3-Dichloropropene	75	6.316	6.316	0.0	93	2939323	47.1	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.447	-0.001	97	2986828	88.2	
73 Toluene	91	6.635	6.624	0.011	97	8918073	41.9	
74 trans-1,3-Dichloropropene	75	6.801	6.802	-0.001	92	2627978	46.6	
75 Ethyl methacrylate	69	6.872	6.873	-0.001	89	2402128	41.2	
76 1,1,2-Trichloroethane	97	6.966	6.967	-0.001	90	1626165	39.4	
77 1,3-Dichloropropane	76	7.120	7.121	-0.001	89	2941228	41.0	
78 Tetrachloroethene	164	7.132	7.133	-0.001	86	1743486	40.1	
79 2-Hexanone	43	7.191	7.192	-0.001	96	2011555	85.7	
81 Chlorodibromomethane	129	7.333	7.334	-0.001	90	1943180	46.1	
83 Ethylene Dibromide	107	7.452	7.452	0.0	98	1681754	41.4	
85 Chlorobenzene	112	7.913	7.914	-0.001	97	5763785	41.2	
86 1,1,1,2-Tetrachloroethane	131	7.984	7.973	0.011	89	2009188	42.0	
87 Ethylbenzene	106	8.008	8.008	0.0	97	3122357	43.7	
88 m-Xylene & p-Xylene	106	8.114	8.115	-0.001	99	8029139	88.8	
89 o-Xylene	106	8.493	8.494	-0.001	91	3786625	43.5	
90 Styrene	104	8.505	8.505	0.0	93	6580880	46.1	
91 Bromoform	173	8.682	8.683	-0.001	98	1257632	45.9	
92 Isopropylbenzene	105	8.848	8.849	-0.001	94	9434871	44.6	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.109	-0.001	88	2103601	39.1	
96 Bromobenzene	156	9.144	9.144	0.0	92	2512184	43.6	
97 1,2,3-Trichloropropane	110	9.155	9.156	-0.001	76	689742	39.4	
98 trans-1,4-Dichloro-2-butene	53	9.167	9.168	-0.001	74	627324	47.1	
99 N-Propylbenzene	120	9.250	9.239	0.011	97	2575518	46.2	
100 2-Chlorotoluene	126	9.333	9.334	-0.001	95	2291217	43.4	
101 1,3,5-Trimethylbenzene	105	9.416	9.417	-0.001	93	7282720	45.3	
102 4-Chlorotoluene	126	9.439	9.440	-0.001	97	2495788	44.4	
103 tert-Butylbenzene	119	9.735	9.736	-0.001	90	6582408	45.8	
104 1,2,4-Trimethylbenzene	105	9.783	9.783	0.0	72	7368168	44.7	
105 sec-Butylbenzene	105	9.948	9.949	-0.001	93	7782442	43.4	
106 1,3-Dichlorobenzene	146	10.067	10.067	0.0	97	4452897	41.8	
107 4-Isopropyltoluene	119	10.090	10.091	-0.001	97	6703826	43.8	
108 1,4-Dichlorobenzene	146	10.149	10.150	-0.001	95	4675040	40.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.504	10.493	0.011	94	5309751	43.5	
111 1,2-Dichlorobenzene	146	10.516	10.517	-0.001	98	4020924	39.4	
112 1,2-Dibromo-3-Chloropropane	157	11.285	11.286	-0.001	87	267693	33.3	
113 1,3,5-Trichlorobenzene	180	11.510	11.511	-0.001	97	1891087	33.9	
114 1,2,4-Trichlorobenzene	180	12.125	12.126	-0.001	94	1524561	31.7	
115 Hexachlorobutadiene	225	12.303	12.304	-0.001	94	464400	19.4	
116 Naphthalene	128	12.374	12.375	-0.001	100	3528569	30.2	
117 1,2,3-Trichlorobenzene	180	12.622	12.623	-0.001	99	1039150	22.1	
S 119 Trihalomethanes, Total	1				0		177.0	
S 120 1,2-Dichloroethene, Total	96				0		80.4	
S 121 1,3-Dichloropropene, Total	75				0		93.7	
S 122 Xylenes, Total	106				0		132.3	

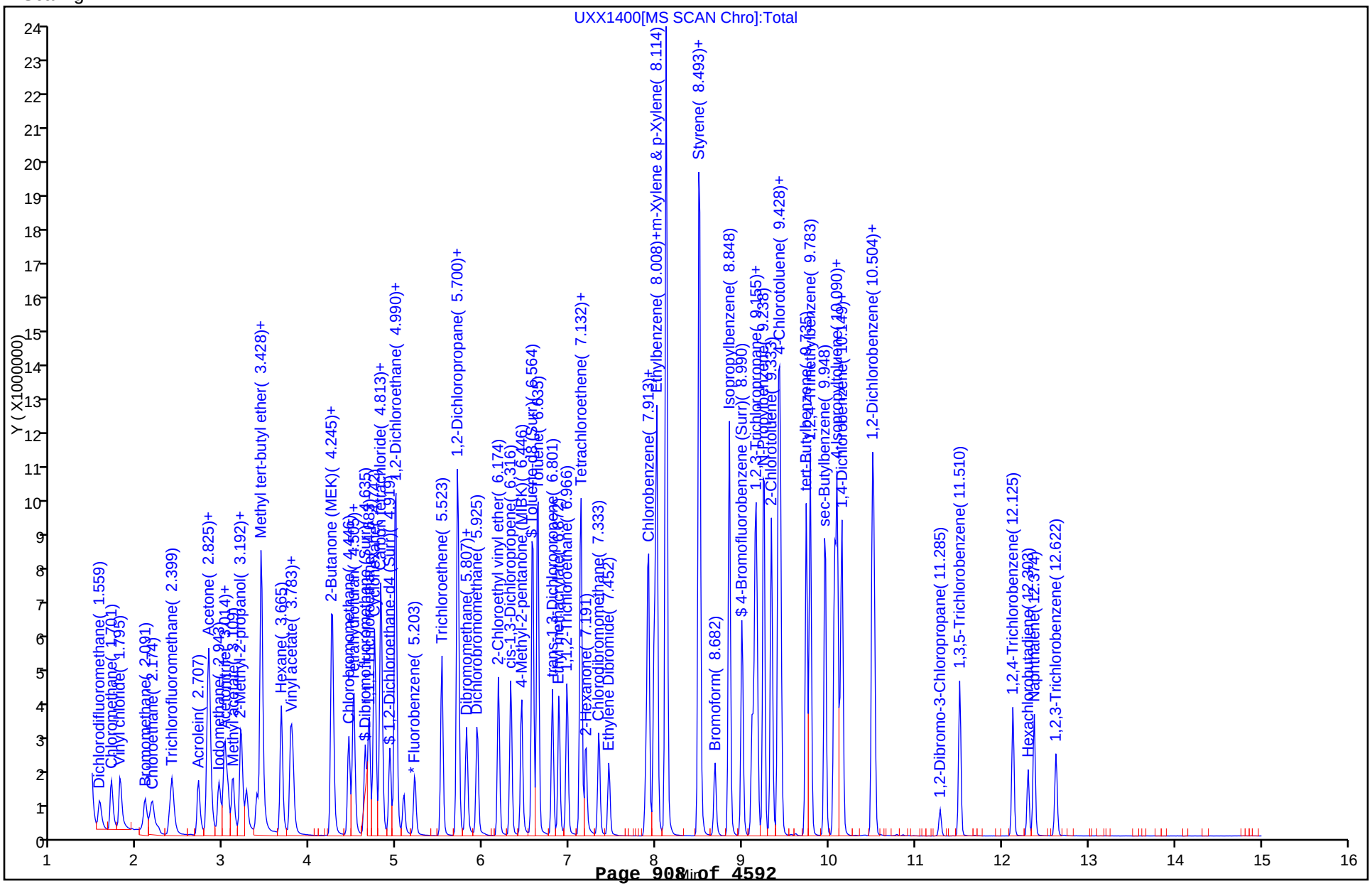
Report Date: 17-Dec-2012 09:35:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1400.D

Injection Date:	14-Dec-2012 15:32:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	2
Operator ID:	1904	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\A3UX10\20121214-15869.b\UXX1401.D
Lims ID: STD8260 L5 Client ID:
Inject. Date: 14-Dec-2012 15:53:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015869-003
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 68811 Lims Sample ID: 3
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:33 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: quayler Date: 14-Dec-2012 16:52:48

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.206	-0.002	99	1900330	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.880	-0.001	82	1301576	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.129	-0.002	80	793511	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.636	0.0	59	884388	19.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.920	0.0	0	1012260	19.5	
$ 7 Toluene-d8 (Surr)	98	6.565	6.565	0.0	90	3419440	20.3	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.991	0.0	93	1210691	20.4	
12 Dichlorodifluoromethane	85	1.560	1.560	0.0	88	701197	20.0	
13 Chloromethane	50	1.690	1.690	0.0	99	1197291	19.1	
14 Vinyl chloride	62	1.797	1.796	0.001	94	1189219	19.1	
16 Bromomethane	94	2.081	2.080	0.001	89	530218	18.1	
17 Chloroethane	64	2.163	2.163	0.0	99	691777	19.0	
19 Trichlorofluoromethane	101	2.388	2.388	0.0	87	908849	18.0	
21 Acrolein	56	2.696	2.707	-0.011	95	1128836	198.2	
23 1,1-Dichloroethene	96	2.814	2.814	0.0	96	924980	19.2	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.826	2.826	0.0	94	705696	18.8	
24 Acetone	43	2.826	2.826	0.0	93	447033	39.8	
26 Iodomethane	142	2.944	2.944	0.0	96	1491127	19.5	
27 Carbon disulfide	76	3.004	3.003	0.001	99	2906807	19.8	
28 Acetonitrile	41	3.051	3.051	0.0	95	650587	191.2	
30 Methyl acetate	43	3.098	3.098	0.0	95	1371027	38.5	
31 Methylene Chloride	84	3.193	3.193	0.0	88	1075839	19.8	
32 2-Methyl-2-propanol	59	3.264	3.264	0.0	94	858644	393.0	
33 Acrylonitrile	53	3.382	3.382	0.0	100	668258	39.8	
35 Methyl tert-butyl ether	73	3.430	3.429	0.001	88	2620917	20.5	
34 trans-1,2-Dichloroethene	96	3.430	3.429	0.001	67	1018642	19.5	
36 Hexane	86	3.666	3.666	0.0	92	194683	18.7	
37 1,1-Dichloroethane	63	3.773	3.772	0.001	85	1689424	19.6	
38 Vinyl acetate	86	3.796	3.796	0.0	96	161200	21.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 2-Butanone (MEK)	43	4.246	4.246	0.0	68	714268	41.0	
43 cis-1,2-Dichloroethene	96	4.246	4.246	0.0	84	1084405	19.6	
44 2,2-Dichloropropane	77	4.258	4.257	0.001	88	912625	20.3	
48 Chlorobromomethane	128	4.447	4.447	0.0	91	533012	19.6	
49 Tetrahydrofuran	42	4.494	4.494	0.0	94	243391	20.1	
50 Chloroform	83	4.494	4.494	0.0	93	1705669	19.6	
51 1,1,1-Trichloroethane	97	4.672	4.672	0.0	91	1264608	20.0	
52 Cyclohexane	56	4.743	4.743	0.0	88	1579443	19.9	
53 1,1-Dichloropropene	75	4.814	4.814	0.0	94	1290438	20.1	
54 Carbon tetrachloride	117	4.826	4.825	0.001	79	1092712	19.8	
56 1,2-Dichloroethane	62	4.980	4.979	0.001	52	1194163	19.7	
57 Benzene	78	4.980	4.979	0.001	94	4039822	19.5	
61 Trichloroethene	130	5.524	5.524	0.0	95	1047905	19.8	
64 1,2-Dichloropropane	63	5.701	5.701	0.0	77	924602	20.2	
63 Methylcyclohexane	83	5.701	5.701	0.0	87	1401580	20.1	
66 Dibromomethane	93	5.808	5.808	0.0	88	532813	19.6	
67 1,4-Dioxane	88	5.808	5.808	0.0	88	320231	1153.7	
68 Dichlorobromomethane	83	5.926	5.926	0.0	94	1152209	20.4	
70 2-Chloroethyl vinyl ether	63	6.175	6.174	0.001	92	1041269	43.8	
71 cis-1,3-Dichloropropene	75	6.317	6.316	0.001	92	1394385	21.5	
72 4-Methyl-2-pentanone (MIBK)	43	6.447	6.447	0.0	96	1499585	42.6	
73 Toluene	91	6.624	6.624	0.0	98	4260011	20.5	
74 trans-1,3-Dichloropropene	75	6.802	6.802	0.0	88	1219585	22.1	
75 Ethyl methacrylate	69	6.873	6.873	0.0	89	1106263	19.7	
76 1,1,2-Trichloroethane	97	6.968	6.967	0.001	85	784752	19.4	
77 1,3-Dichloropropane	76	7.121	7.121	0.0	92	1411177	20.1	
78 Tetrachloroethene	164	7.133	7.133	0.0	91	842392	19.8	
79 2-Hexanone	43	7.181	7.192	-0.011	95	1006319	43.8	
81 Chlorodibromomethane	129	7.334	7.334	0.0	89	883263	21.4	
83 Ethylene Dibromide	107	7.453	7.452	0.001	98	815423	20.5	
85 Chlorobenzene	112	7.914	7.914	0.0	97	2721158	19.9	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.973	0.0	89	977329	20.9	
87 Ethylbenzene	106	8.009	8.008	0.001	97	1460383	20.9	
88 m-Xylene & p-Xylene	106	8.115	8.115	0.0	99	3701497	41.8	
89 o-Xylene	106	8.494	8.494	0.0	89	1785939	21.0	
90 Styrene	104	8.506	8.505	0.001	93	3006905	21.5	
91 Bromoform	173	8.683	8.683	0.0	99	593612	22.1	
92 Isopropylbenzene	105	8.849	8.849	0.0	94	4414441	21.3	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.109	0.0	94	1112923	19.7	
96 Bromobenzene	156	9.145	9.144	0.001	91	1195678	19.8	
97 1,2,3-Trichloropropane	110	9.157	9.156	0.001	73	367359	20.0	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.168	0.0	73	291069	20.8	
99 N-Propylbenzene	120	9.239	9.239	0.0	97	1202925	20.5	
100 2-Chlorotoluene	126	9.334	9.334	0.0	97	1105775	19.9	
101 1,3,5-Trimethylbenzene	105	9.417	9.417	0.0	91	3538007	21.0	
102 4-Chlorotoluene	126	9.441	9.440	0.001	96	1200376	20.3	
103 tert-Butylbenzene	119	9.736	9.736	0.0	88	2984266	19.8	
104 1,2,4-Trimethylbenzene	105	9.784	9.783	0.001	85	3628284	20.9	
105 sec-Butylbenzene	105	9.949	9.949	0.0	92	3886899	20.6	
106 1,3-Dichlorobenzene	146	10.068	10.067	0.001	87	2221454	19.9	
107 4-Isopropyltoluene	119	10.091	10.091	0.0	97	3363069	20.9	
108 1,4-Dichlorobenzene	146	10.151	10.150	0.001	95	2378436	19.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.494	10.493	0.001	95	2670295	20.8	
111 1,2-Dichlorobenzene	146	10.517	10.517	0.0	98	2114347	19.7	
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.286	0.001	86	176060	20.8	
113 1,3,5-Trichlorobenzene	180	11.511	11.511	0.0	97	1145528	19.5	
114 1,2,4-Trichlorobenzene	180	12.127	12.126	0.001	94	1033524	20.4	
115 Hexachlorobutadiene	225	12.304	12.304	0.0	92	407272	16.2	
116 Naphthalene	128	12.375	12.375	0.0	100	2771695	22.6	
117 1,2,3-Trichlorobenzene	180	12.624	12.623	0.001	99	900936	18.2	
S 119 Trihalomethanes, Total	1				0		83.5	
S 120 1,2-Dichloroethene, Total	96				0		39.1	
S 121 1,3-Dichloropropene, Total	75				0		43.6	
S 122 Xylenes, Total	106				0		62.8	

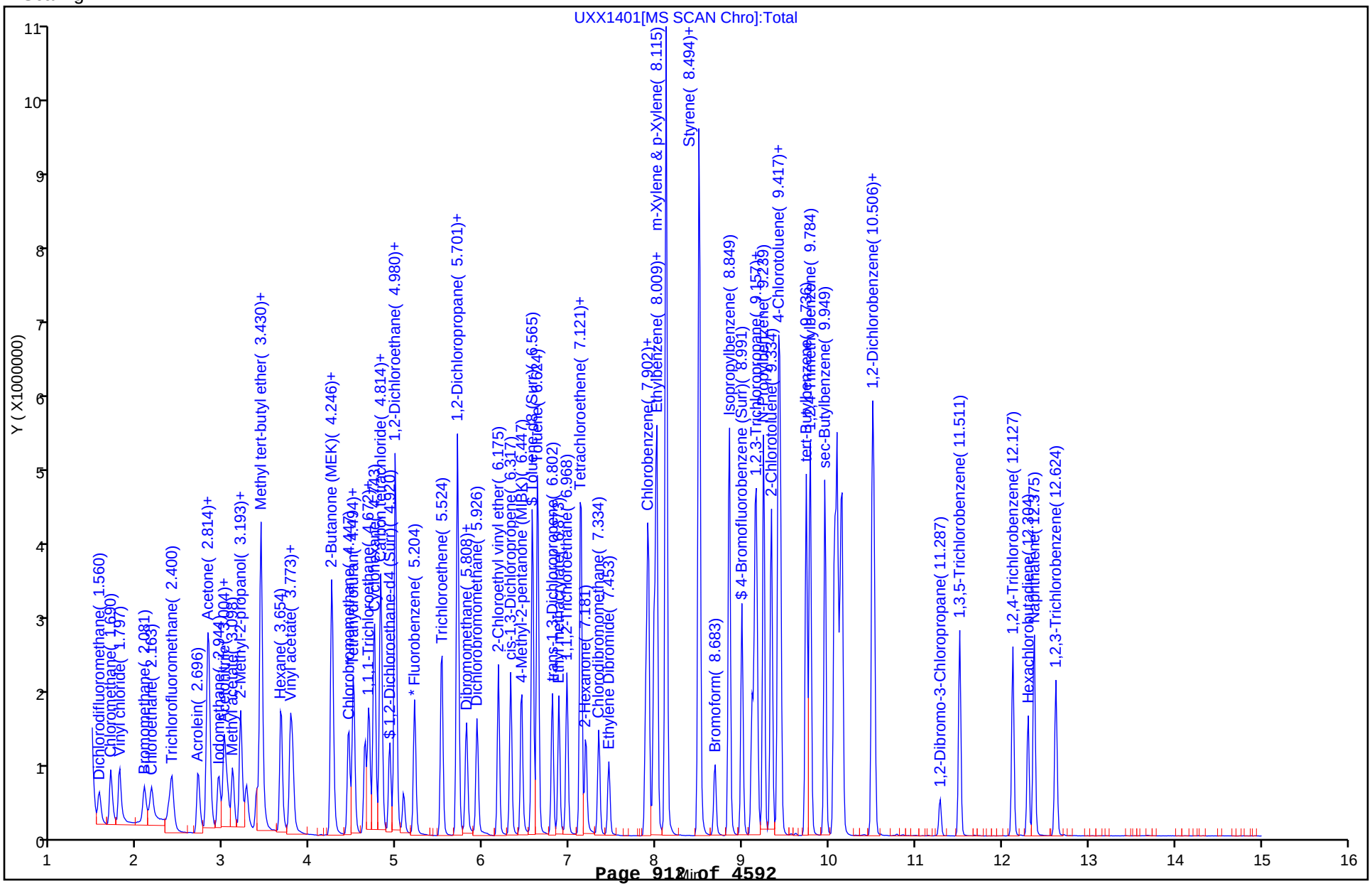
Report Date: 17-Dec-2012 09:35:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1401.D

Injection Date:	14-Dec-2012 15:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	3
Operator ID:	1904	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\A3UX10\20121214-15869.b\UXX1402.D
Lims ID: STD8260 L4 Client ID:
Inject. Date: 14-Dec-2012 16:15:30 Dil. Factor: 1.0000
Sample Type: ICIS Calib Level: 4
Sample ID: 240-0015869-004
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 68811 Lims Sample ID: 4
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:34 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: quayler Date: 14-Dec-2012 16:52:59

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	99	1972714	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	83	1372066	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	91	826025	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.636	0.0	59	480236	10.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.920	0.0	0	561592	10.4	
$ 7 Toluene-d8 (Surr)	98	6.565	6.565	0.0	93	1829193	10.3	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.991	0.0	93	639616	10.2	
12 Dichlorodifluoromethane	85	1.560	1.560	0.0	97	367469	10.1	
13 Chloromethane	50	1.690	1.690	0.0	88	640285	9.83	
14 Vinyl chloride	62	1.796	1.796	0.0	97	637089	9.84	
16 Bromomethane	94	2.080	2.080	0.0	89	299602	9.86	
17 Chloroethane	64	2.163	2.163	0.0	100	364043	9.65	
19 Trichlorofluoromethane	101	2.388	2.388	0.0	96	516118	9.85	
21 Acrolein	56	2.707	2.707	0.0	96	590361	99.8	
23 1,1-Dichloroethene	96	2.814	2.814	0.0	97	478079	9.56	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.826	2.826	0.0	86	370380	9.49	
24 Acetone	43	2.826	2.826	0.0	61	247062	20.8	
26 Iodomethane	142	2.944	2.944	0.0	96	786944	9.92	
27 Carbon disulfide	76	3.003	3.003	0.0	99	1511067	9.92	
28 Acetonitrile	41	3.051	3.051	0.0	95	344829	97.6	
30 Methyl acetate	43	3.098	3.098	0.0	95	716425	19.4	
31 Methylene Chloride	84	3.193	3.193	0.0	90	579966	9.85	
32 2-Methyl-2-propanol	59	3.264	3.264	0.0	96	450805	198.8	
33 Acrylonitrile	53	3.382	3.382	0.0	100	347593	20.0	
35 Methyl tert-butyl ether	73	3.429	3.429	0.0	89	1345206	10.1	
34 trans-1,2-Dichloroethene	96	3.429	3.429	0.0	65	537762	9.93	
36 Hexane	86	3.666	3.666	0.0	92	103509	9.60	
37 1,1-Dichloroethane	63	3.772	3.772	0.0	97	882807	9.86	
38 Vinyl acetate	86	3.796	3.796	0.0	96	80180	10.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 2-Butanone (MEK)	43	4.246	4.246	0.0	57	346151	19.1	
43 cis-1,2-Dichloroethene	96	4.246	4.246	0.0	81	570916	9.94	
44 2,2-Dichloropropane	77	4.257	4.257	0.0	88	465524	10.0	
48 Chlorobromomethane	128	4.447	4.447	0.0	92	270865	9.59	
49 Tetrahydrofuran	42	4.494	4.494	0.0	91	122366	9.72	
50 Chloroform	83	4.494	4.494	0.0	92	888343	9.82	
51 1,1,1-Trichloroethane	97	4.672	4.672	0.0	92	653910	9.96	
52 Cyclohexane	56	4.743	4.743	0.0	89	825127	10.0	
53 1,1-Dichloropropene	75	4.814	4.814	0.0	94	656670	9.88	
54 Carbon tetrachloride	117	4.825	4.825	0.0	80	568496	9.93	
56 1,2-Dichloroethane	62	4.979	4.979	0.0	52	621111	9.85	
57 Benzene	78	4.979	4.979	0.0	94	2072804	9.64	
61 Trichloroethene	130	5.524	5.524	0.0	96	535904	9.76	
64 1,2-Dichloropropane	63	5.701	5.701	0.0	81	475830	10.0	
63 Methylcyclohexane	83	5.701	5.701	0.0	90	723017	10.0	
66 Dibromomethane	93	5.808	5.808	0.0	92	278287	9.87	
67 1,4-Dioxane	88	5.808	5.808	0.0	90	152231	528.3	
68 Dichlorobromomethane	83	5.926	5.926	0.0	94	585738	9.99	
70 2-Chloroethyl vinyl ether	63	6.174	6.174	0.0	90	499763	20.3	
71 cis-1,3-Dichloropropene	75	6.316	6.316	0.0	92	683552	10.2	
72 4-Methyl-2-pentanone (MIBK)	43	6.447	6.447	0.0	96	730318	20.0	
73 Toluene	91	6.624	6.624	0.0	95	2181955	9.94	
74 trans-1,3-Dichloropropene	75	6.802	6.802	0.0	92	587888	10.1	
75 Ethyl methacrylate	69	6.873	6.873	0.0	88	547095	9.48	
76 1,1,2-Trichloroethane	97	6.967	6.967	0.0	90	415376	9.76	
77 1,3-Dichloropropane	76	7.121	7.121	0.0	94	719931	9.74	
78 Tetrachloroethene	164	7.133	7.133	0.0	92	436221	9.72	
79 2-Hexanone	43	7.192	7.192	0.0	95	501002	20.7	
81 Chlorodibromomethane	129	7.334	7.334	0.0	88	449306	10.3	
83 Ethylene Dibromide	107	7.452	7.452	0.0	98	411739	9.84	
85 Chlorobenzene	112	7.914	7.914	0.0	97	1393142	9.65	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.973	0.0	85	491018	9.95	
87 Ethylbenzene	106	8.008	8.008	0.0	97	738252	10.0	
88 m-Xylene & p-Xylene	106	8.115	8.115	0.0	100	1880784	20.2	
89 o-Xylene	106	8.494	8.494	0.0	90	919839	10.3	
90 Styrene	104	8.505	8.505	0.0	93	1511468	10.3	
91 Bromoform	173	8.683	8.683	0.0	99	281993	9.97	
92 Isopropylbenzene	105	8.849	8.849	0.0	94	2200056	10.1	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.109	0.0	88	582186	9.89	
96 Bromobenzene	156	9.144	9.144	0.0	90	613898	9.75	
97 1,2,3-Trichloropropane	110	9.156	9.156	0.0	76	192099	10.0	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.168	0.0	75	143098	9.83	
99 N-Propylbenzene	120	9.239	9.239	0.0	97	635760	10.4	
100 2-Chlorotoluene	126	9.334	9.334	0.0	97	576466	9.99	
101 1,3,5-Trimethylbenzene	105	9.417	9.417	0.0	93	1826608	10.4	
102 4-Chlorotoluene	126	9.440	9.440	0.0	98	615149	10.0	
103 tert-Butylbenzene	119	9.736	9.736	0.0	89	1511971	9.62	
104 1,2,4-Trimethylbenzene	105	9.783	9.783	0.0	85	1879912	10.4	
105 sec-Butylbenzene	105	9.949	9.949	0.0	92	2000156	10.2	
106 1,3-Dichlorobenzene	146	10.067	10.067	0.0	87	1133384	9.74	
107 4-Isopropyltoluene	119	10.091	10.091	0.0	97	1724457	10.3	
108 1,4-Dichlorobenzene	146	10.150	10.150	0.0	94	1207911	9.57	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.493	10.493	0.0	97	1351363	10.1	
111 1,2-Dichlorobenzene	146	10.517	10.517	0.0	99	1107131	9.92	
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.286	0.0	78	90506	10.3	
113 1,3,5-Trichlorobenzene	180	11.511	11.511	0.0	97	619057	10.1	
114 1,2,4-Trichlorobenzene	180	12.126	12.126	0.0	93	535668	10.2	
115 Hexachlorobutadiene	225	12.304	12.304	0.0	96	235730	9.01	
116 Naphthalene	128	12.375	12.375	0.0	100	1422425	11.1	
117 1,2,3-Trichlorobenzene	180	12.623	12.623	0.0	99	501922	9.74	
S 119 Trihalomethanes, Total	1				0		40.1	
S 120 1,2-Dichloroethene, Total	96				0		19.9	
S 121 1,3-Dichloropropene, Total	75				0		20.3	
S 122 Xylenes, Total	106				0		30.4	

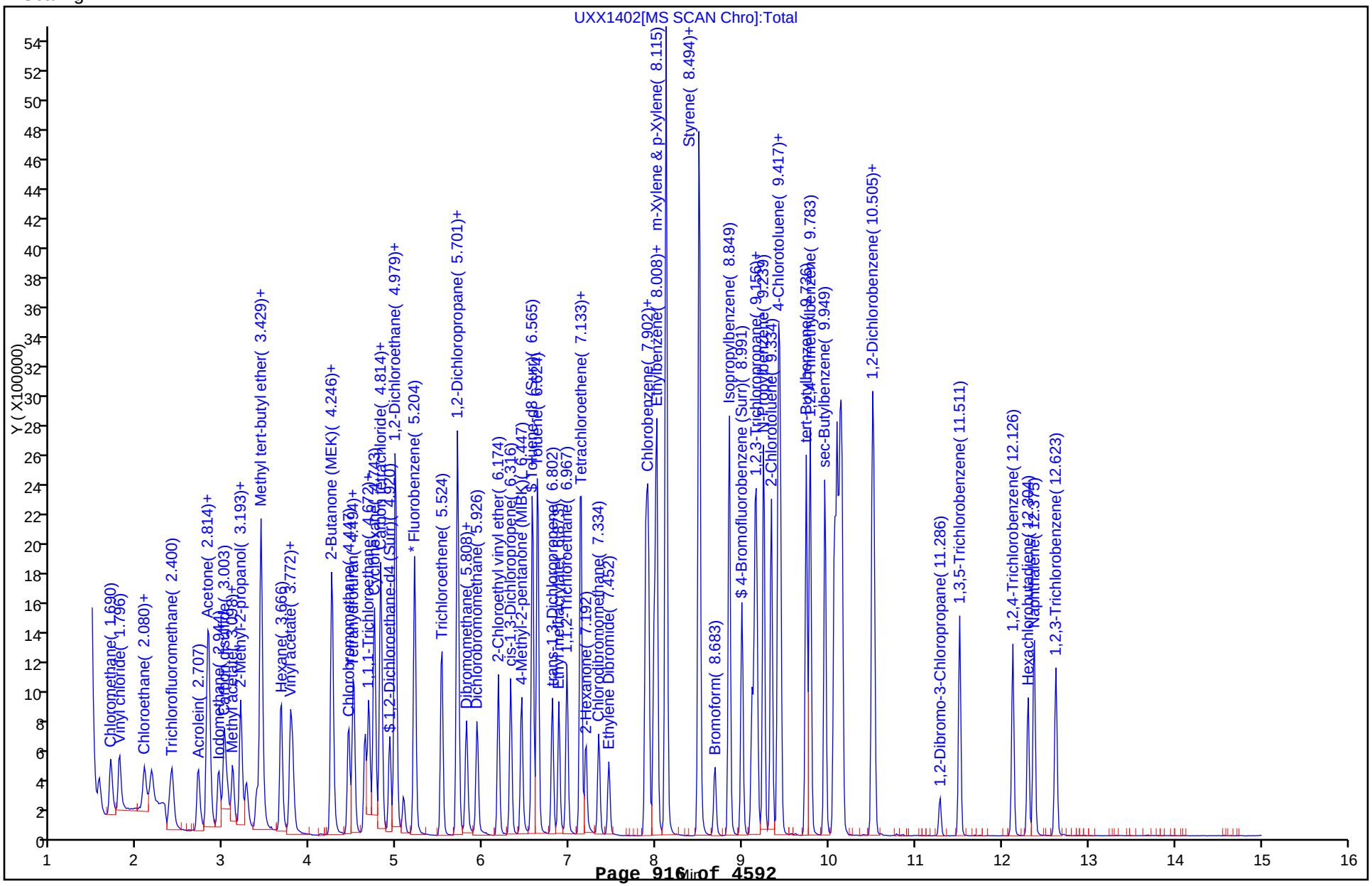
Report Date: 17-Dec-2012 09:35:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1402.D

Injection Date:	14-Dec-2012 16:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	4
Operator ID:	1904	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\A3UX10\20121214-15869.b\UXX1403.D
Lims ID: STD8260 L3 Client ID:
Inject. Date: 14-Dec-2012 16:36:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015869-005
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 68811 Lims Sample ID: 5
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:35 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	99	2090185	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.878	0.001	84	1389898	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	92	825944	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.636	0.0	57	251766	5.15	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.920	0.0	0	283109	4.96	
$ 7 Toluene-d8 (Surr)	98	6.565	6.565	0.0	82	924741	5.14	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.991	0.0	92	320732	5.07	
12 Dichlorodifluoromethane	85	1.560	1.560	0.0	97	195190	5.05	
13 Chloromethane	50	1.690	1.690	0.0	87	319288	4.63	
14 Vinyl chloride	62	1.785	1.796	-0.011	97	334620	4.88	
16 Bromomethane	94	2.081	2.080	0.001	88	162768	5.05	
17 Chloroethane	64	2.163	2.163	0.0	94	194942	4.88	
19 Trichlorofluoromethane	101	2.388	2.388	0.0	95	279258	5.03	
21 Acrolein	56	2.708	2.707	0.001	94	316219	50.5	
23 1,1-Dichloroethene	96	2.814	2.814	0.0	97	260297	4.91	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.826	2.826	0.0	88	195023	4.71	
24 Acetone	43	2.826	2.826	0.0	67	123882	9.34	
26 Iodomethane	142	2.944	2.944	0.0	97	417853	4.97	
27 Carbon disulfide	76	3.004	3.003	0.001	99	776307	4.81	
28 Acetonitrile	41	3.051	3.051	0.0	96	188394	50.3	
30 Methyl acetate	43	3.098	3.098	0.0	96	403759	10.3	
31 Methylene Chloride	84	3.193	3.193	0.0	83	332847	4.92	
32 2-Methyl-2-propanol	59	3.264	3.264	0.0	93	253376	105.4	
33 Acrylonitrile	53	3.382	3.382	0.0	99	192143	10.4	
35 Methyl tert-butyl ether	73	3.430	3.429	0.001	89	700832	4.97	
34 trans-1,2-Dichloroethene	96	3.430	3.429	0.001	67	281119	4.90	
36 Hexane	86	3.666	3.666	0.0	93	55548	4.86	
37 1,1-Dichloroethane	63	3.773	3.772	0.001	96	464711	4.90	
38 Vinyl acetate	86	3.796	3.796	0.0	96	40276	4.97	
42 2-Butanone (MEK)	43	4.246	4.246	0.0	56	195379	10.2	
43 cis-1,2-Dichloroethene	96	4.246	4.246	0.0	67	301005	4.95	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.258	4.257	0.001	74	247518	5.02	
48 Chlorobromomethane	128	4.447	4.447	0.0	88	147118	4.92	
49 Tetrahydrofuran	42	4.494	4.494	0.0	79	61864	4.64	
50 Chloroform	83	4.494	4.494	0.0	92	469599	4.90	
51 1,1,1-Trichloroethane	97	4.672	4.672	0.0	95	343724	4.94	
52 Cyclohexane	56	4.743	4.743	0.0	89	417191	4.78	
53 1,1-Dichloropropene	75	4.814	4.814	0.0	94	348272	4.94	
54 Carbon tetrachloride	117	4.826	4.825	0.001	79	290391	4.79	
56 1,2-Dichloroethane	62	4.980	4.979	0.001	80	332746	4.98	
57 Benzene	78	4.980	4.979	0.001	94	1116074	4.90	
61 Trichloroethene	130	5.524	5.524	0.0	97	288125	4.95	
64 1,2-Dichloropropane	63	5.701	5.701	0.0	77	246855	4.91	
63 Methylcyclohexane	83	5.701	5.701	0.0	86	363431	4.75	
66 Dibromomethane	93	5.808	5.808	0.0	91	147000	4.92	
67 1,4-Dioxane	88	5.808	5.808	0.0	92	86141	282.2	
68 Dichlorobromomethane	83	5.926	5.926	0.0	93	299266	4.82	
70 2-Chloroethyl vinyl ether	63	6.175	6.174	0.001	93	248859	9.53	
71 cis-1,3-Dichloropropene	75	6.317	6.316	0.001	91	342339	4.80	
72 4-Methyl-2-pentanone (MIBK)	43	6.447	6.447	0.0	96	377538	9.76	
73 Toluene	91	6.624	6.624	0.0	99	1115595	5.02	
74 trans-1,3-Dichloropropene	75	6.802	6.802	0.0	89	285077	4.84	
75 Ethyl methacrylate	69	6.873	6.873	0.0	89	253577	4.61	
76 1,1,2-Trichloroethane	97	6.968	6.967	0.001	90	221646	5.14	
77 1,3-Dichloropropane	76	7.121	7.121	0.0	93	371448	4.96	
78 Tetrachloroethene	164	7.133	7.133	0.0	95	233887	5.14	
79 2-Hexanone	43	7.181	7.192	-0.011	95	246809	10.1	
81 Chlorodibromomethane	129	7.334	7.334	0.0	88	220689	5.01	
83 Ethylene Dibromide	107	7.453	7.452	0.001	98	215997	5.09	
85 Chlorobenzene	112	7.914	7.914	0.0	97	718279	4.91	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.973	0.0	82	249379	4.99	
87 Ethylbenzene	106	8.009	8.008	0.001	97	375534	5.03	
88 m-Xylene & p-Xylene	106	8.115	8.115	0.0	99	950545	10.1	
89 o-Xylene	106	8.494	8.494	0.0	94	452161	4.98	
90 Styrene	104	8.506	8.505	0.001	93	746678	5.00	
91 Bromoform	173	8.683	8.683	0.0	98	139362	4.86	
92 Isopropylbenzene	105	8.849	8.849	0.0	95	1092782	4.95	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.109	0.0	95	291936	4.96	
96 Bromobenzene	156	9.145	9.144	0.001	89	312609	4.96	
97 1,2,3-Trichloropropane	110	9.157	9.156	0.001	75	95077	4.97	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.168	0.0	67	72004	4.95	
99 N-Propylbenzene	120	9.239	9.239	0.0	98	304646	5.00	
100 2-Chlorotoluene	126	9.334	9.334	0.0	97	291871	5.06	
101 1,3,5-Trimethylbenzene	105	9.417	9.417	0.0	94	897255	5.11	
102 4-Chlorotoluene	126	9.441	9.440	0.001	96	304121	4.95	
103 tert-Butylbenzene	119	9.736	9.736	0.0	89	828302	5.27	
104 1,2,4-Trimethylbenzene	105	9.784	9.783	0.001	84	916215	5.08	
105 sec-Butylbenzene	105	9.949	9.949	0.0	93	1006256	5.13	
106 1,3-Dichlorobenzene	146	10.068	10.067	0.001	96	591644	5.09	
107 4-Isopropyltoluene	119	10.091	10.091	0.0	94	853074	5.10	
108 1,4-Dichlorobenzene	146	10.151	10.150	0.001	93	623927	4.94	
110 n-Butylbenzene	91	10.494	10.493	0.001	97	668858	5.01	
111 1,2-Dichlorobenzene	146	10.517	10.517	0.0	99	574232	5.14	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.286	0.001	74	46693	5.31	
113 1,3,5-Trichlorobenzene	180	11.511	11.511	0.0	98	324767	5.32	
114 1,2,4-Trichlorobenzene	180	12.127	12.126	0.001	89	277130	5.27	
115 Hexachlorobutadiene	225	12.304	12.304	0.0	93	128818	4.92	
116 Naphthalene	128	12.375	12.375	0.0	100	709007	5.55	
117 1,2,3-Trichlorobenzene	180	12.624	12.623	0.001	98	271329	5.27	
S 119 Trihalomethanes, Total	1				0		19.6	
S 120 1,2-Dichloroethene, Total	96				0		9.85	
S 121 1,3-Dichloropropene, Total	75				0		9.64	
S 122 Xylenes, Total	106				0		15.0	

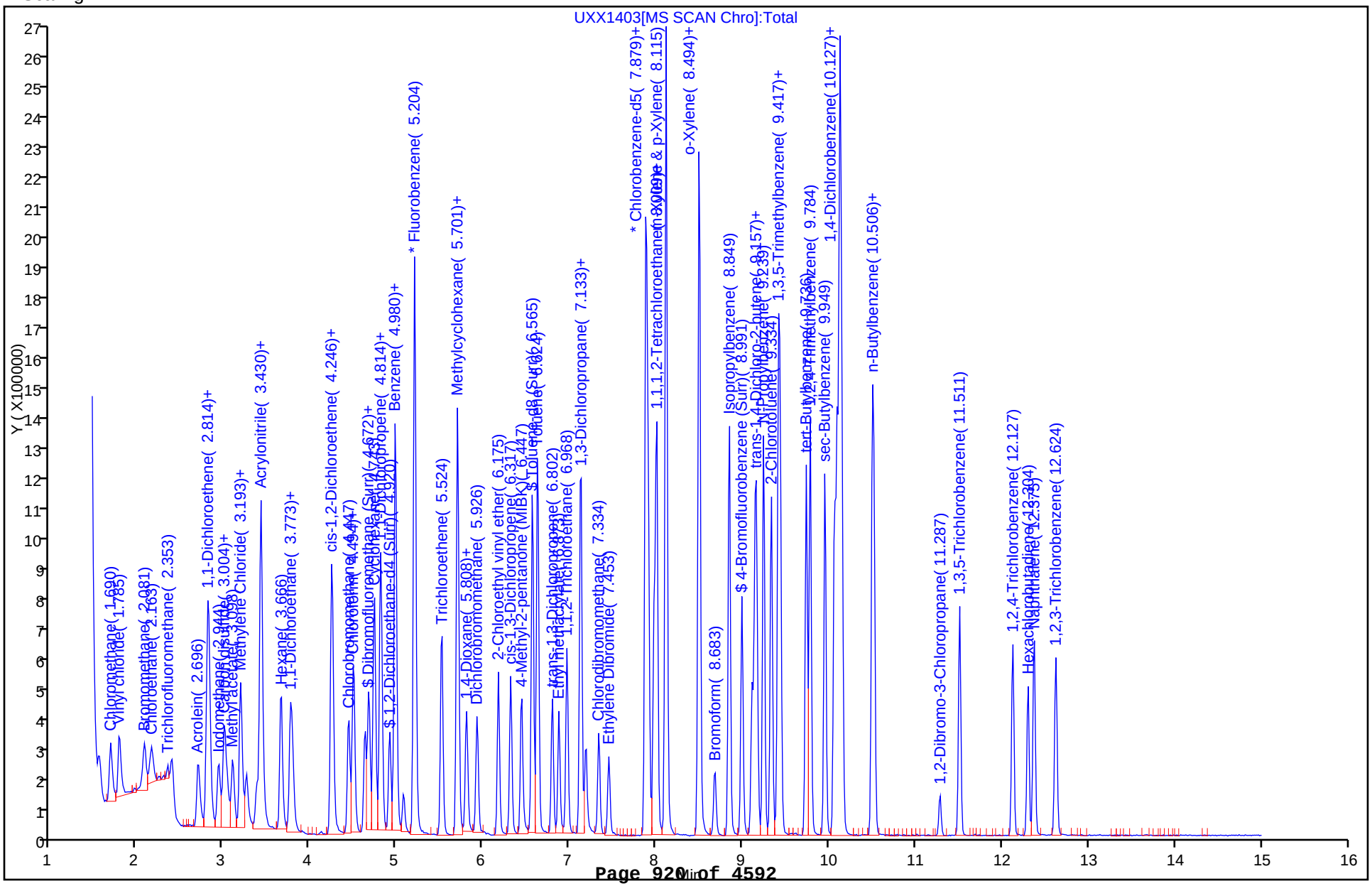
Report Date: 17-Dec-2012 09:35:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1403.D

Injection Date:	14-Dec-2012 16:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	5
Operator ID:	1904	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\A3UX10\20121214-15869.b\UXX1404.D
Lims ID: STD8260 L2 Client ID:
Inject. Date: 14-Dec-2012 16:57:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015869-006
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 68811 Lims Sample ID: 6
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:36 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	99	1962036	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	85	1328069	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	92	806217	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.636	0.0	53	86392	1.88	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.920	0.0	0	106682	1.99	
$ 7 Toluene-d8 (Surr)	98	6.565	6.565	0.0	92	318950	1.85	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.991	-0.001	91	113500	1.88	
12 Dichlorodifluoromethane	85	1.559	1.560	-0.001	80	71948	1.98	
13 Chloromethane	50	1.689	1.690	-0.001	99	131438	2.03	
14 Vinyl chloride	62	1.796	1.796	0.0	78	127350	1.98	
16 Bromomethane	94	2.080	2.080	0.0	87	61559	2.04	
17 Chloroethane	64	2.163	2.163	0.0	92	76233	2.03	
19 Trichlorofluoromethane	101	2.388	2.388	0.0	94	109640	2.10	
21 Acrolein	56	2.707	2.707	0.0	91	118104	20.1	
23 1,1-Dichloroethene	96	2.814	2.814	0.0	95	104920	2.11	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.825	2.826	-0.001	80	81824	2.11	
24 Acetone	43	2.825	2.826	-0.001	60	55185	3.95	
26 Iodomethane	142	2.944	2.944	0.0	96	158689	2.01	
27 Carbon disulfide	76	3.003	3.003	0.0	98	289306	1.91	
28 Acetonitrile	41	3.050	3.051	-0.001	94	72167	20.5	
30 Methyl acetate	43	3.109	3.098	0.011	96	145700	3.97	
31 Methylene Chloride	84	3.192	3.193	-0.001	89	153419	1.95	
32 2-Methyl-2-propanol	59	3.263	3.264	-0.001	96	96112	42.6	
33 Acrylonitrile	53	3.382	3.382	0.0	98	68221	3.94	
35 Methyl tert-butyl ether	73	3.429	3.429	0.0	89	253570	1.92	
34 trans-1,2-Dichloroethene	96	3.429	3.429	0.0	72	107586	2.00	
36 Hexane	86	3.666	3.666	0.0	90	23363	2.18	
37 1,1-Dichloroethane	63	3.772	3.772	0.0	95	180038	2.02	
38 Vinyl acetate	86	3.808	3.796	0.012	95	12565	1.65	
42 2-Butanone (MEK)	43	4.245	4.246	-0.001	55	67000	3.73	
43 cis-1,2-Dichloroethene	96	4.245	4.246	-0.001	76	111152	1.95	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.257	4.257	0.0	83	88390	1.91	
48 Chlorobromomethane	128	4.447	4.447	-0.001	86	59224	2.11	
49 Tetrahydrofuran	42	4.494	4.494	0.0	30	26729	2.13	
50 Chloroform	83	4.506	4.494	0.012	82	181502	2.02	
51 1,1,1-Trichloroethane	97	4.671	4.672	-0.001	91	127454	1.95	
52 Cyclohexane	56	4.742	4.743	-0.001	88	158733	1.94	
53 1,1-Dichloropropene	75	4.813	4.814	-0.001	92	130002	1.97	
54 Carbon tetrachloride	117	4.825	4.825	0.0	80	108482	1.91	
56 1,2-Dichloroethane	62	4.979	4.979	0.0	46	125575	2.00	
57 Benzene	78	4.991	4.979	0.012	94	419287	1.96	
61 Trichloroethene	130	5.523	5.524	-0.001	93	105370	1.93	
64 1,2-Dichloropropane	63	5.701	5.701	0.0	75	88848	1.88	
63 Methylcyclohexane	83	5.701	5.701	0.0	86	139383	1.94	
66 Dibromomethane	93	5.807	5.808	-0.001	86	52642	1.88	
67 1,4-Dioxane	88	5.807	5.808	-0.001	40	23007	80.3	
68 Dichlorobromomethane	83	5.926	5.926	0.0	97	105852	1.81	
70 2-Chloroethyl vinyl ether	63	6.174	6.174	0.0	91	83867	3.42	
71 cis-1,3-Dichloropropene	75	6.316	6.316	0.0	86	115070	1.72	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.447	-0.001	94	137346	3.78	
73 Toluene	91	6.624	6.624	0.0	94	391475	1.84	
74 trans-1,3-Dichloropropene	75	6.801	6.802	-0.001	91	96889	1.72	
75 Ethyl methacrylate	69	6.872	6.873	-0.001	88	80366	1.86	
76 1,1,2-Trichloroethane	97	6.967	6.967	0.0	84	80829	1.96	
77 1,3-Dichloropropane	76	7.121	7.121	0.0	88	139604	1.95	
78 Tetrachloroethene	164	7.133	7.133	0.0	92	85777	1.97	
79 2-Hexanone	43	7.192	7.192	0.0	91	85516	3.65	
81 Chlorodibromomethane	129	7.334	7.334	0.0	84	71354	1.69	
83 Ethylene Dibromide	107	7.452	7.452	0.0	94	77017	1.90	
85 Chlorobenzene	112	7.914	7.914	0.0	97	267494	1.92	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.973	0.0	83	88467	1.85	
87 Ethylbenzene	106	8.008	8.008	0.0	96	130191	1.82	
88 m-Xylene & p-Xylene	106	8.115	8.115	0.0	99	333111	3.69	
89 o-Xylene	106	8.493	8.494	-0.001	93	151628	1.75	
90 Styrene	104	8.505	8.505	0.0	92	251304	1.76	
91 Bromoform	173	8.683	8.683	0.0	96	50523	1.85	
92 Isopropylbenzene	105	8.848	8.849	-0.001	94	383482	1.82	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.109	0.0	85	116917	2.03	
96 Bromobenzene	156	9.144	9.144	0.0	90	120378	1.96	
97 1,2,3-Trichloropropane	110	9.168	9.156	0.012	81	39531	2.12	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.168	0.0	71	26124	1.84	
99 N-Propylbenzene	120	9.251	9.239	0.012	98	106115	1.78	
100 2-Chlorotoluene	126	9.333	9.334	-0.001	97	106035	1.88	
101 1,3,5-Trimethylbenzene	105	9.416	9.417	-0.001	94	313803	1.83	
102 4-Chlorotoluene	126	9.440	9.440	0.0	96	114832	1.91	
103 tert-Butylbenzene	119	9.736	9.736	0.0	85	292170	1.90	
104 1,2,4-Trimethylbenzene	105	9.783	9.783	0.0	75	324423	1.84	
105 sec-Butylbenzene	105	9.949	9.949	0.0	91	361742	1.89	
106 1,3-Dichlorobenzene	146	10.067	10.067	0.0	96	222909	1.96	
107 4-Isopropyltoluene	119	10.091	10.091	0.0	95	305478	1.87	
108 1,4-Dichlorobenzene	146	10.150	10.150	0.0	91	245211	1.99	
110 n-Butylbenzene	91	10.493	10.493	0.0	96	241423	1.85	
111 1,2-Dichlorobenzene	146	10.517	10.517	0.0	96	213261	1.96	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.286	0.0	47	16687	1.94	
113 1,3,5-Trichlorobenzene	180	11.511	11.511	0.0	95	124291	2.09	
114 1,2,4-Trichlorobenzene	180	12.126	12.126	0.0	90	109926	2.14	
115 Hexachlorobutadiene	225	12.303	12.304	-0.001	86	58229	2.28	
116 Naphthalene	128	12.374	12.375	-0.001	100	243498	1.95	
117 1,2,3-Trichlorobenzene	180	12.623	12.623	0.0	98	102615	2.04	
S 119 Trihalomethanes, Total	1				0		7.37	
S 120 1,2-Dichloroethene, Total	96				0		3.94	
S 121 1,3-Dichloropropene, Total	75				0		3.44	
S 122 Xylenes, Total	106				0		5.44	

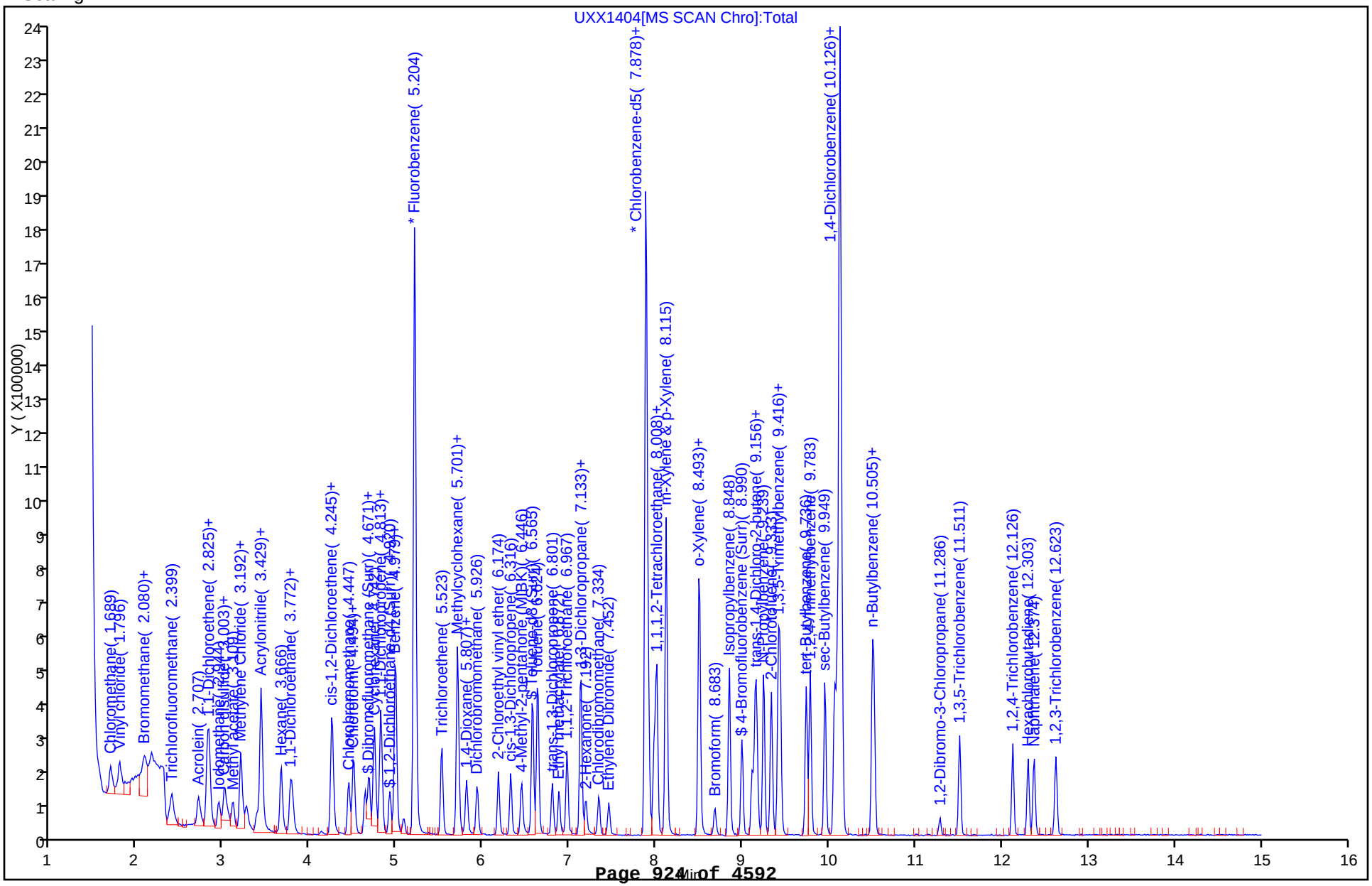
Report Date: 17-Dec-2012 09:35:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1404.D

Injection Date:	14-Dec-2012 16:57:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	6
Operator ID:	1904	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\A3UX10\20121214-15869.b\UXX1405.D
Lims ID: STD8260 L1 Client ID:
Inject. Date: 14-Dec-2012 17:19:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015869-007
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 68811 Lims Sample ID: 7
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:36 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: quayler Date: 17-Dec-2012 07:46:07

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	99	1835708	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.878	0.001	83	1246995	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	92	775321	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.637	4.636	0.0	53	42158	0.9815	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.920	0.0	0	49683	0.99	
$ 7 Toluene-d8 (Surr)	98	6.565	6.565	0.0	86	153502	0.9506	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.991	0.0	87	55001	0.9682	
12 Dichlorodifluoromethane	85	1.560	1.560	0.0	66	30879	0.9099	
13 Chloromethane	50	1.690	1.690	0.0	85	67830	1.12	
14 Vinyl chloride	62	1.797	1.796	0.001	83	65107	1.08	
16 Bromomethane	94	2.081	2.080	0.001	79	34128	1.21	
17 Chloroethane	64	2.175	2.163	0.012	81	39044	1.11	
19 Trichlorofluoromethane	101	2.400	2.388	0.012	84	53264	1.09	
21 Acrolein	56	2.708	2.707	0.001	88	55829	10.1	
23 1,1-Dichloroethene	96	2.814	2.814	0.0	93	49912	1.07	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.826	2.826	0.0	75	40608	1.12	
24 Acetone	43	2.826	2.826	0.0	68	31865	2.09	
26 Iodomethane	142	2.944	2.944	0.0	93	79033	1.07	
27 Carbon disulfide	76	3.004	3.003	0.001	98	147001	1.04	
28 Acetonitrile	41	3.051	3.051	0.0	90	33234	10.1	
30 Methyl acetate	43	3.098	3.098	0.0	85	74236	2.16	
31 Methylene Chloride	84	3.193	3.193	0.0	87	98498	1.05	
32 2-Methyl-2-propanol	59	3.264	3.264	0.0	91	42011	19.9	
33 Acrylonitrile	53	3.382	3.382	0.0	99	32738	2.02	
35 Methyl tert-butyl ether	73	3.430	3.429	0.001	90	117426	0.9486	
34 trans-1,2-Dichloroethene	96	3.430	3.429	0.001	73	53022	1.05	
36 Hexane	86	3.666	3.666	0.0	87	10101	1.01	
37 1,1-Dichloroethane	63	3.773	3.772	0.001	80	86603	1.04	
38 Vinyl acetate	86	3.820	3.796	0.024	95	6515	0.9153	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 2-Butanone (MEK)	43	4.246	4.246	0.0	53	35644	2.12	
43 cis-1,2-Dichloroethene	96	4.246	4.246	0.0	76	56243	1.05	
44 2,2-Dichloropropane	77	4.258	4.257	0.001	70	41719	0.9625	
48 Chlorobromomethane	128	4.447	4.447	0.0	66	27240	1.04	
49 Tetrahydrofuran	42	4.495	4.494	0.0	33	12370	1.06	
50 Chloroform	83	4.506	4.494	0.012	78	88171	1.05	
51 1,1,1-Trichloroethane	97	4.684	4.672	0.012	89	61698	1.01	
52 Cyclohexane	56	4.743	4.743	0.0	87	77885	1.02	
53 1,1-Dichloropropene	75	4.814	4.814	0.0	92	60486	0.9776	
54 Carbon tetrachloride	117	4.826	4.825	0.001	83	55305	1.04	
56 1,2-Dichloroethane	62	4.980	4.979	0.001	52	59264	1.01	
57 Benzene	78	4.991	4.979	0.012	93	212719	1.06	
61 Trichloroethene	130	5.524	5.524	0.0	93	53655	1.05	
64 1,2-Dichloropropane	63	5.701	5.701	0.0	81	43830	0.99	
63 Methylcyclohexane	83	5.701	5.701	0.0	88	66442	0.9880	
66 Dibromomethane	93	5.808	5.808	0.0	85	28558	1.09	
67 1,4-Dioxane	88	5.820	5.808	0.012	22	11215	41.8	
68 Dichlorobromomethane	83	5.926	5.926	0.0	94	53902	0.9877	
70 2-Chloroethyl vinyl ether	63	6.175	6.174	0.001	79	40924	1.78	
71 cis-1,3-Dichloropropene	75	6.317	6.316	0.001	77	56936	0.9097	
72 4-Methyl-2-pentanone (MIBK)	43	6.447	6.447	0.0	85	61798	1.82	
73 Toluene	91	6.636	6.624	0.012	95	201223	1.01	
74 trans-1,3-Dichloropropene	75	6.802	6.802	0.0	80	47071	0.8905	
75 Ethyl methacrylate	69	6.873	6.873	0.0	83	38268	1.19	
76 1,1,2-Trichloroethane	97	6.968	6.967	0.001	80	40879	1.06	
77 1,3-Dichloropropane	76	7.121	7.121	0.0	86	68872	1.03	
78 Tetrachloroethene	164	7.133	7.133	0.0	87	41752	1.02	
79 2-Hexanone	43	7.192	7.192	0.0	87	38833	1.76	
81 Chlorodibromomethane	129	7.334	7.334	0.0	77	35521	0.8981	
83 Ethylene Dibromide	107	7.453	7.452	0.001	84	37474	0.9849	
85 Chlorobenzene	112	7.914	7.914	0.0	93	140412	1.07	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.973	0.0	78	44156	0.9850	
87 Ethylbenzene	106	8.009	8.008	0.001	96	63206	0.9435	
88 m-Xylene & p-Xylene	106	8.115	8.115	0.0	99	153782	1.81	
89 o-Xylene	106	8.494	8.494	0.0	86	78906	0.9679	
90 Styrene	104	8.506	8.505	0.001	92	116186	0.8673	
91 Bromoform	173	8.683	8.683	0.0	90	21983	0.8551	
92 Isopropylbenzene	105	8.849	8.849	0.0	93	180463	0.9106	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.109	0.0	85	57603	1.04	
96 Bromobenzene	156	9.145	9.144	0.001	88	57702	0.9759	
97 1,2,3-Trichloropropane	110	9.157	9.156	0.001	67	17288	0.9620	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.168	0.0	60	12169	0.8905	
99 N-Propylbenzene	120	9.239	9.239	0.0	95	50472	0.8824	
100 2-Chlorotoluene	126	9.334	9.334	0.0	95	52302	0.9656	
101 1,3,5-Trimethylbenzene	105	9.417	9.417	0.0	90	138525	0.8404	
102 4-Chlorotoluene	126	9.441	9.440	0.001	96	53322	0.9245	
103 tert-Butylbenzene	119	9.736	9.736	0.0	87	132732	0.8996	
104 1,2,4-Trimethylbenzene	105	9.784	9.783	0.001	71	145206	0.8575	
105 sec-Butylbenzene	105	9.949	9.949	0.0	87	165282	0.8971	
106 1,3-Dichlorobenzene	146	10.068	10.067	0.001	95	107876	0.9877	
107 4-Isopropyltoluene	119	10.091	10.091	0.0	93	136793	0.8713	
108 1,4-Dichlorobenzene	146	10.151	10.150	0.001	78	126220	1.07	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.494	10.493	0.001	93	117119	0.9341	
111 1,2-Dichlorobenzene	146	10.517	10.517	0.0	96	108086	1.03	
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.286	0.001	33	8751	1.06	
113 1,3,5-Trichlorobenzene	180	11.511	11.511	0.0	91	60296	1.05	
114 1,2,4-Trichlorobenzene	180	12.127	12.126	0.001	85	51604	1.04	
115 Hexachlorobutadiene	225	12.304	12.304	0.0	80	28628	1.17	
116 Naphthalene	128	12.375	12.375	0.0	100	109730	0.9152	
117 1,2,3-Trichlorobenzene	180	12.624	12.623	0.001	92	50318	1.04	
S 119 Trihalomethanes, Total	1				0		3.79	
S 120 1,2-Dichloroethene, Total	96				0		2.10	
S 121 1,3-Dichloropropene, Total	75				0		1.80	
S 122 Xylenes, Total	106				0		2.78	

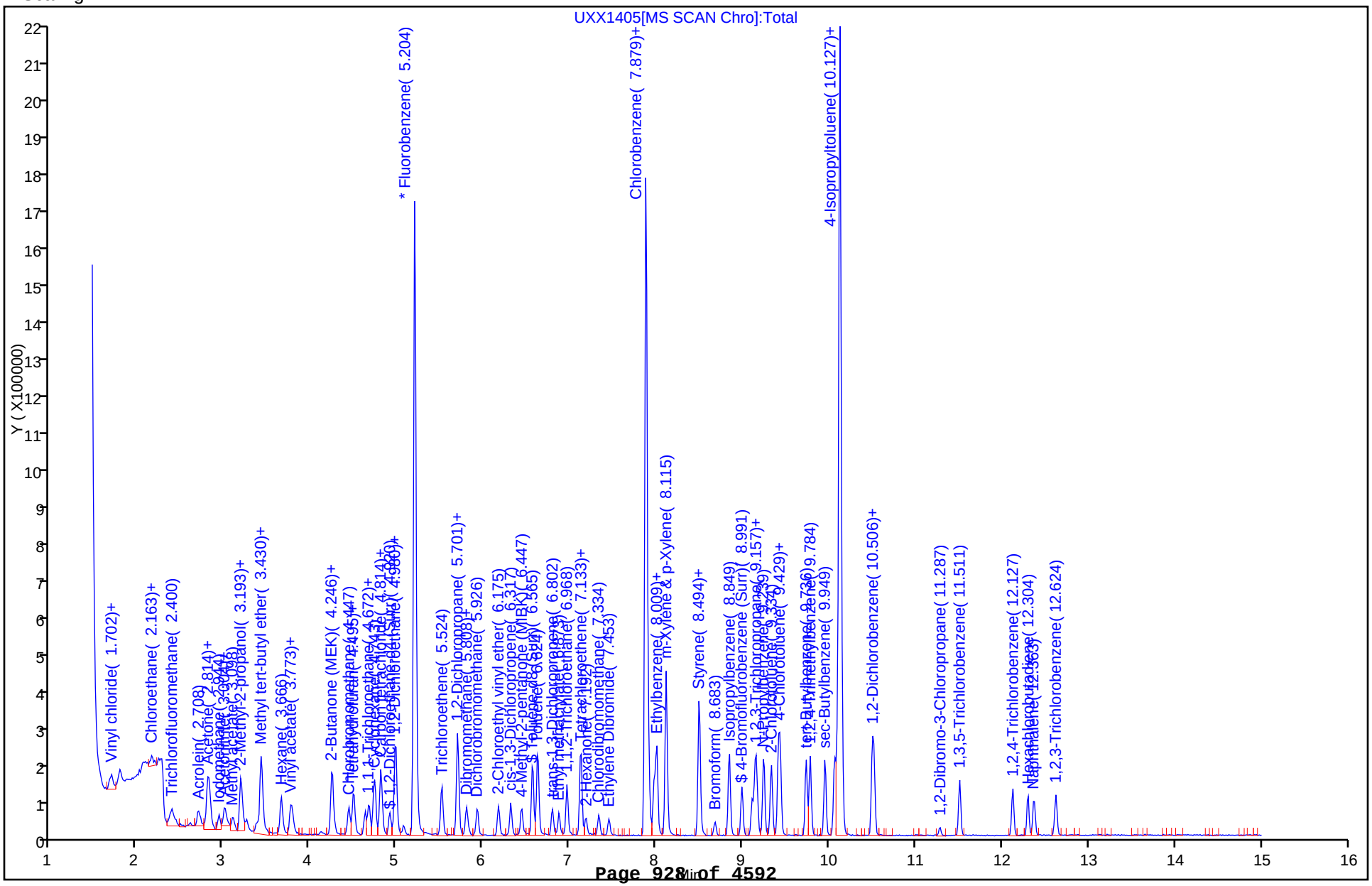
Report Date: 17-Dec-2012 09:35:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1405.D

Injection Date:	14-Dec-2012 17:19:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	7
Operator ID:	1904	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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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	

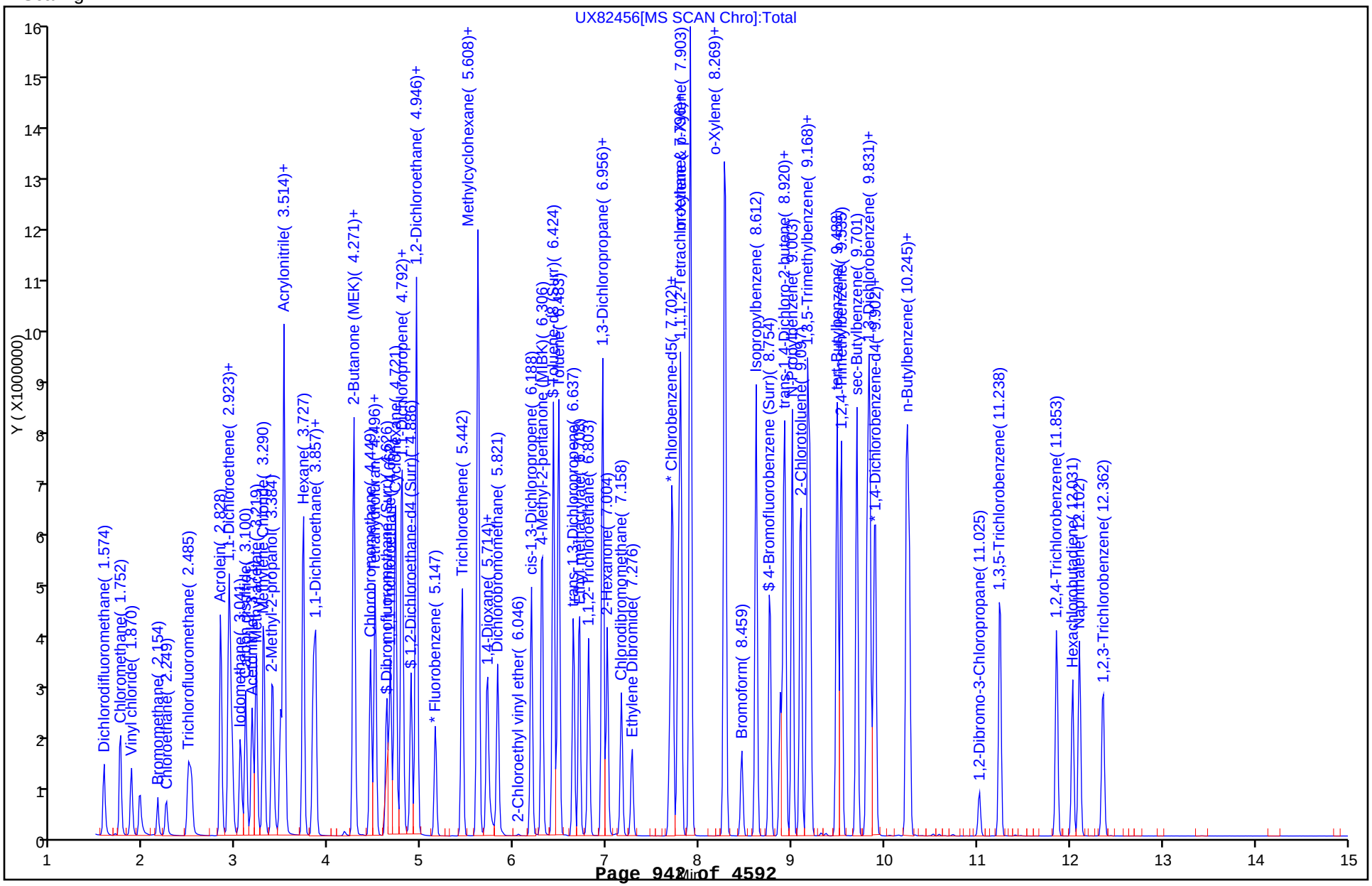
Report Date: 15-Dec-2012 14:27:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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	

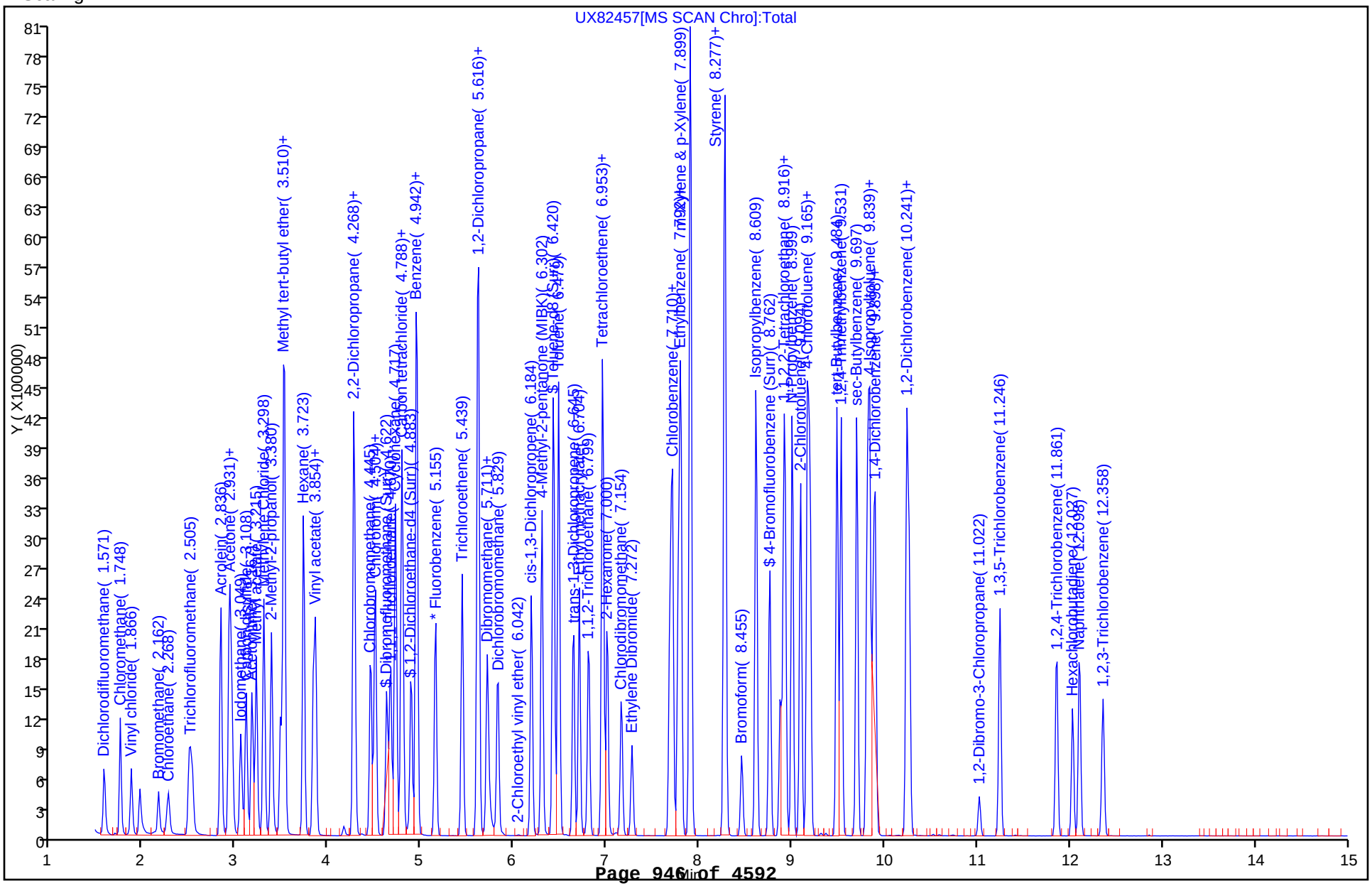
Report Date: 15-Dec-2012 14:27:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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	

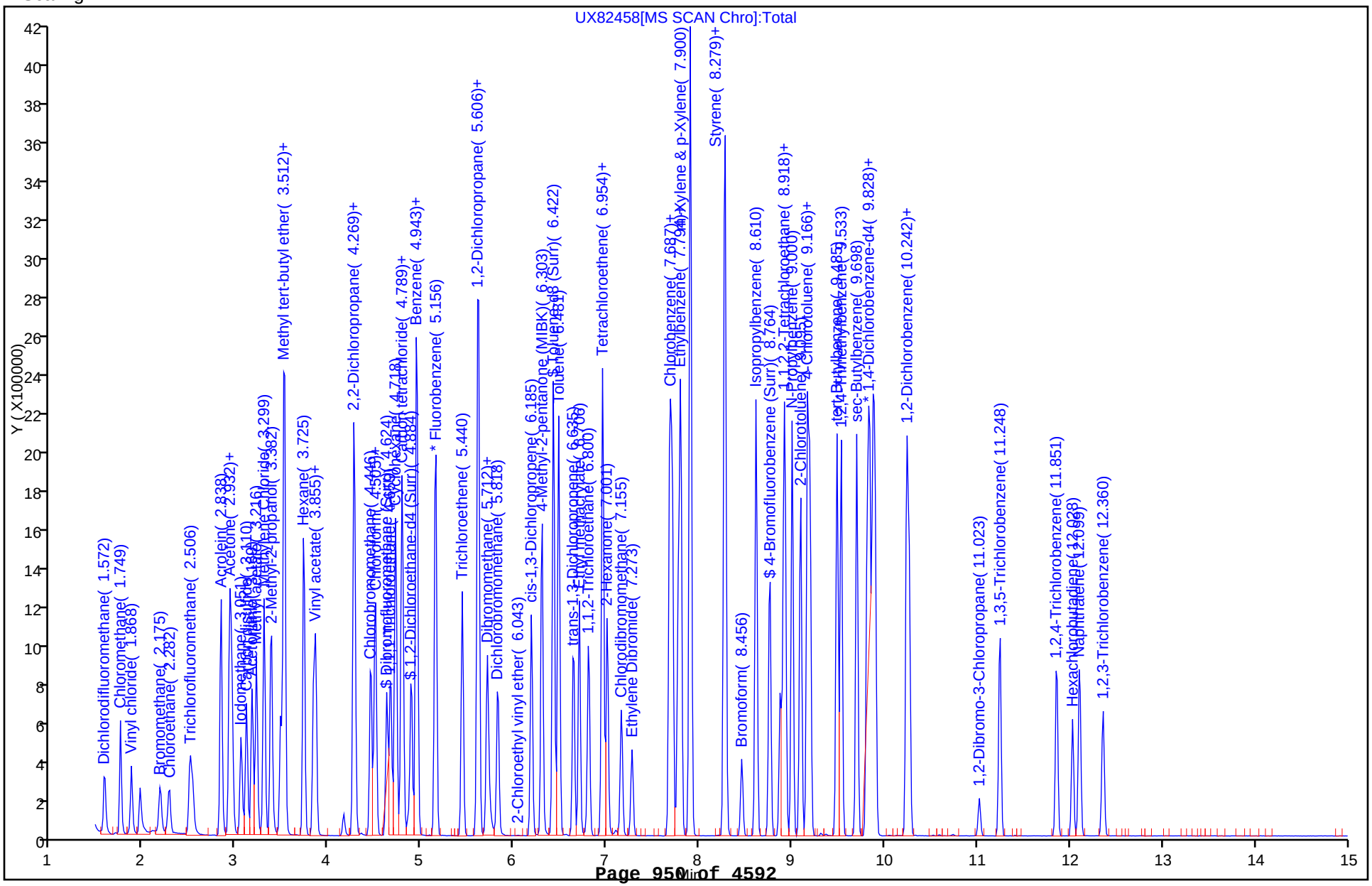
Report Date: 15-Dec-2012 14:27:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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	

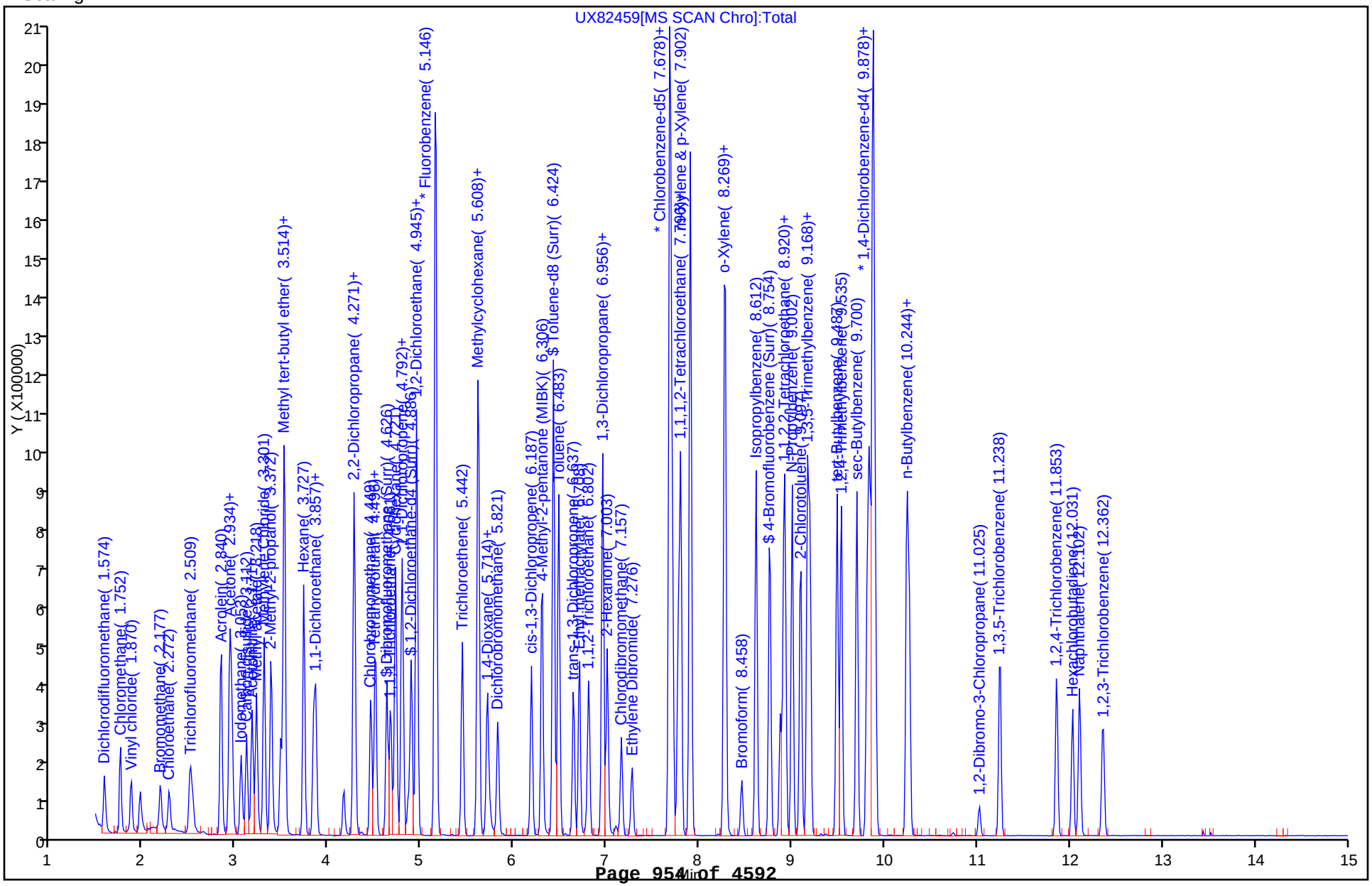
Report Date: 15-Dec-2012 14:27:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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	

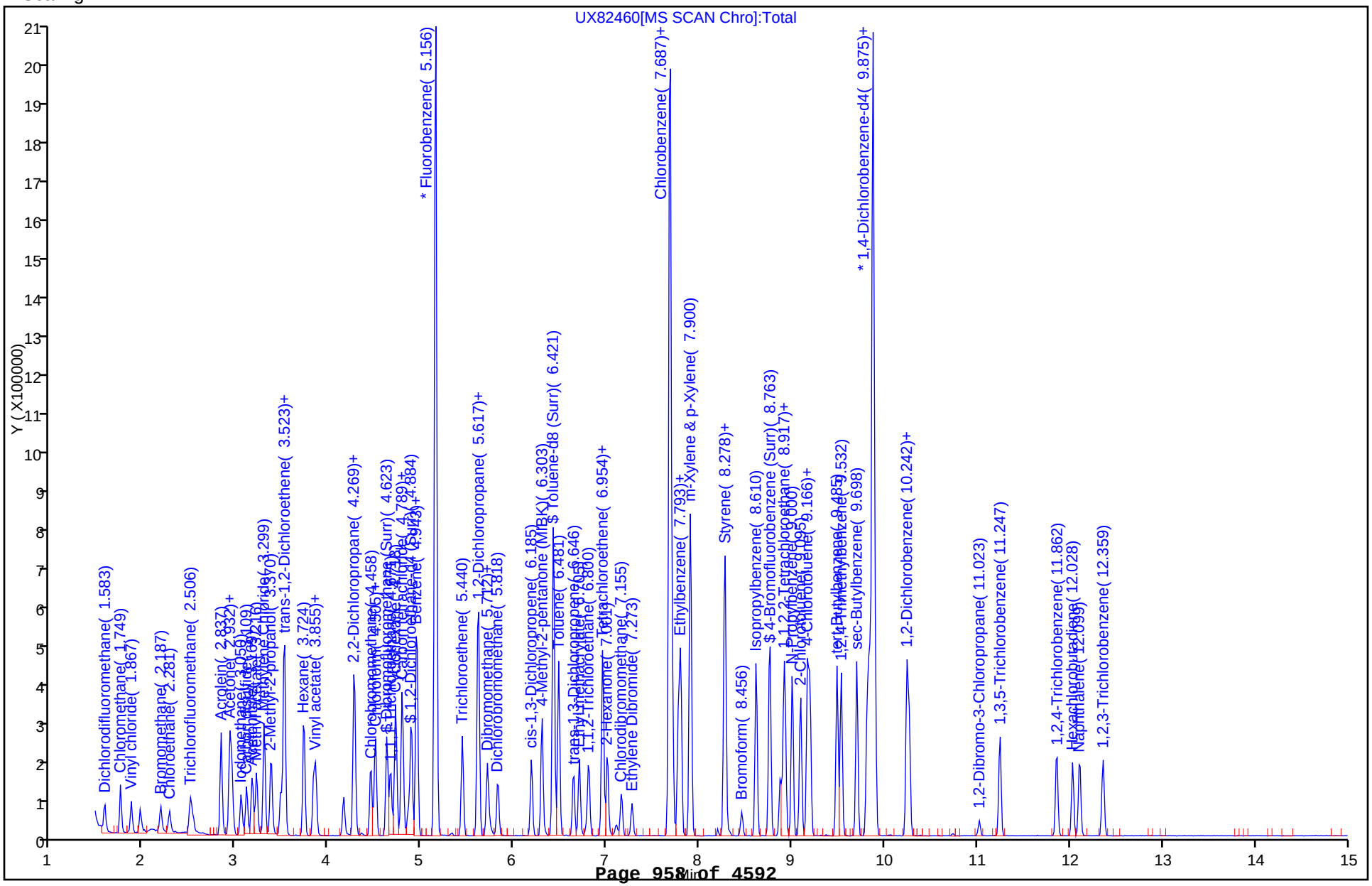
Report Date: 15-Dec-2012 14:27:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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	

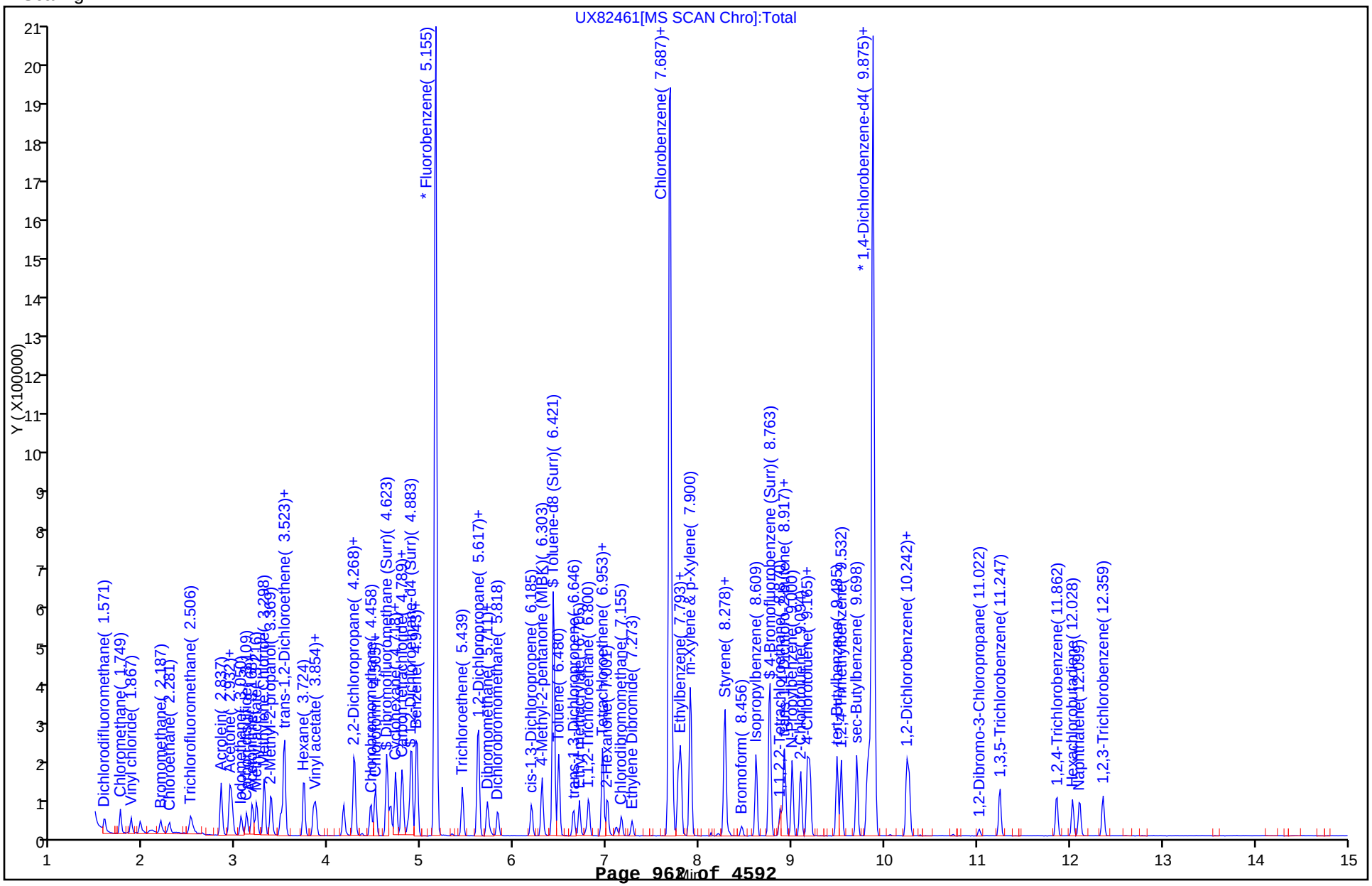
Report Date: 15-Dec-2012 14:27:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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	

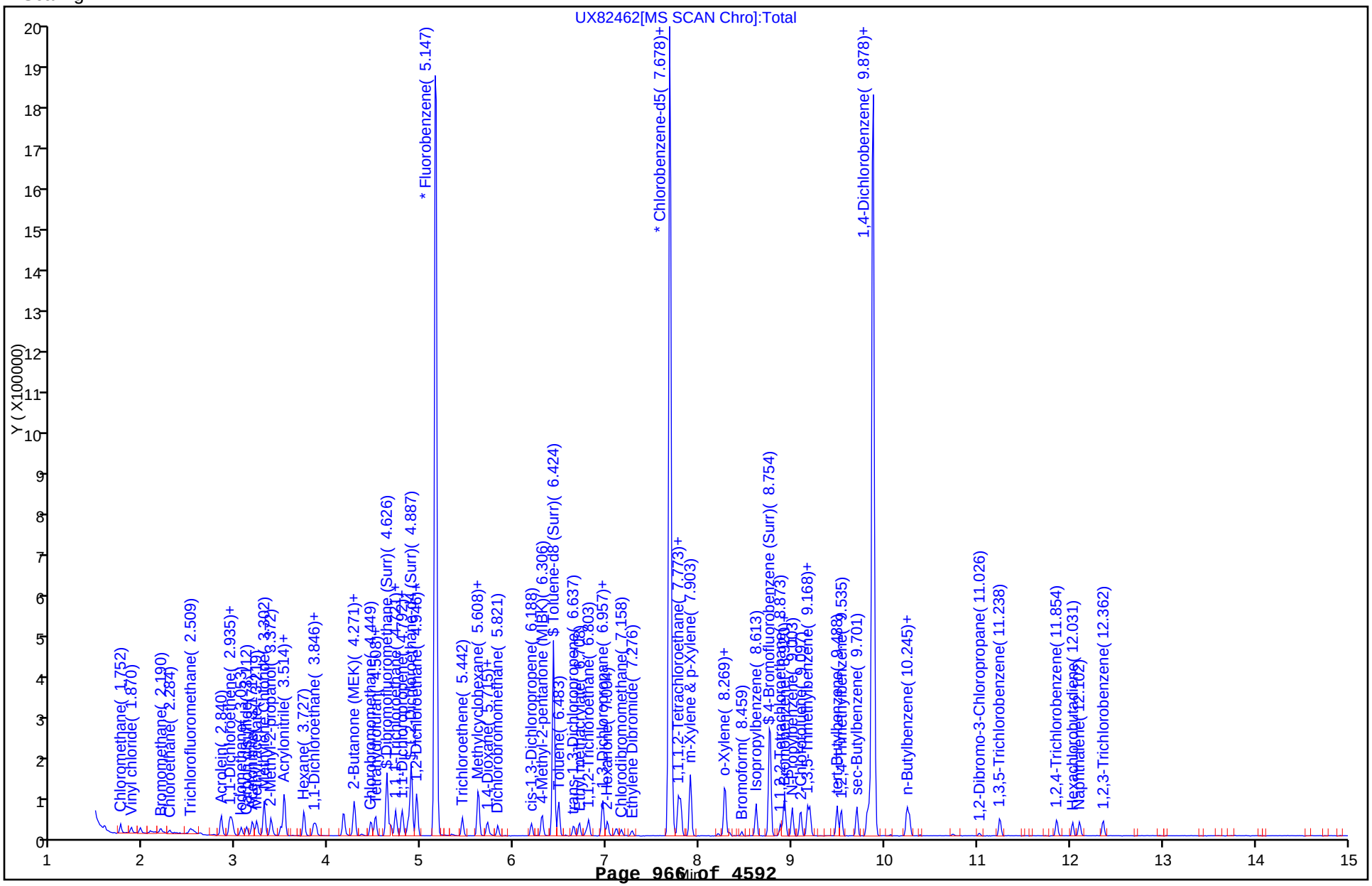
Report Date: 15-Dec-2012 14:27:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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	

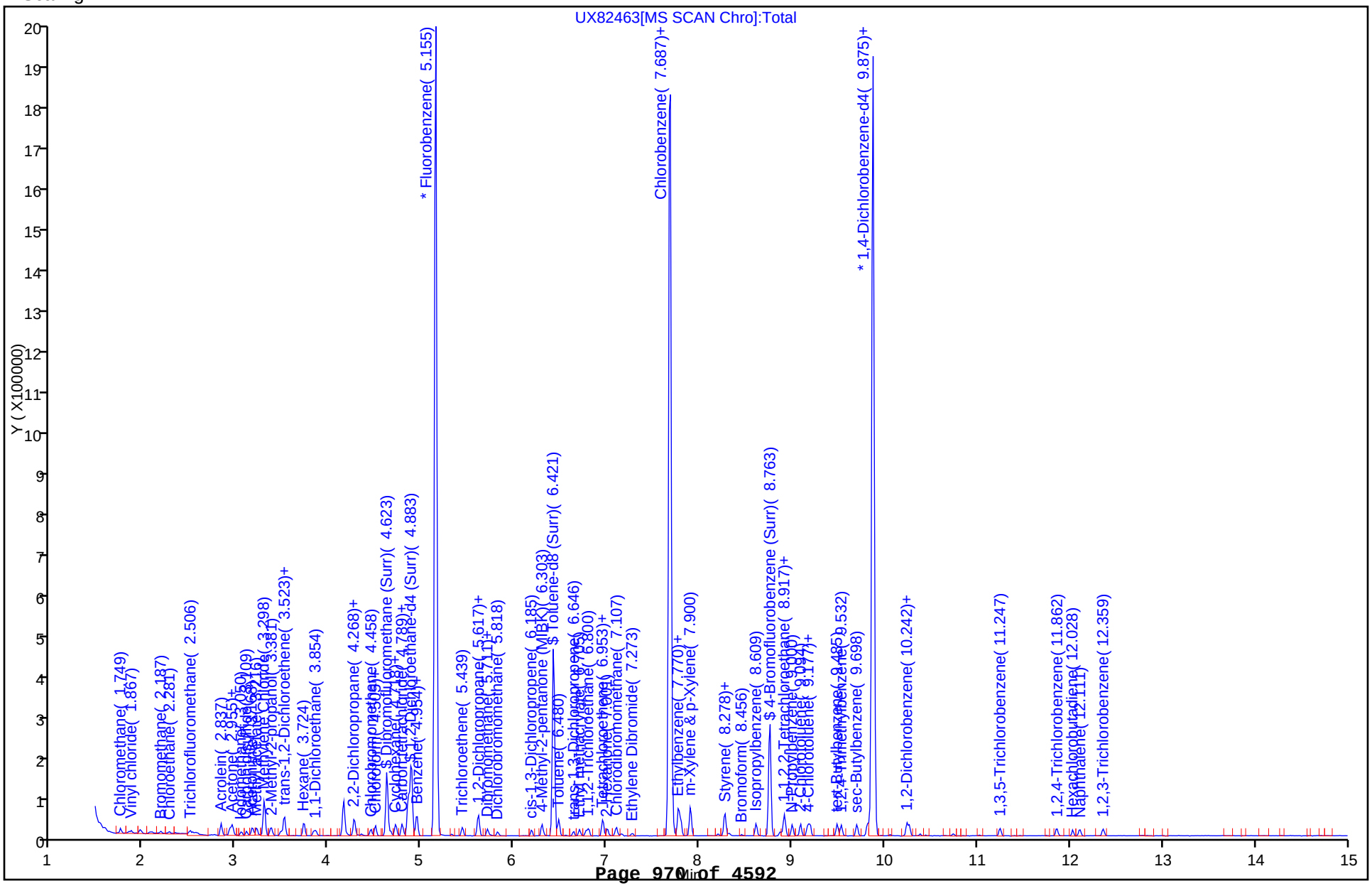
Report Date: 15-Dec-2012 14:27:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-68811/14 Calibration Date: 12/14/2012 19:48

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 15:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 17:19

Lab File ID: UXX1412.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	0.1849	0.1781	0.1000	0.00964	0.0100	-3.6	20.0
Chloromethane	Ave	0.3300	0.3451	0.1000	0.0105	0.0100	4.6	20.0
Vinyl chloride	Ave	0.3283	0.3333	0.1000	0.0102	0.0100	1.5	20.0
Bromomethane	Ave	0.1541	0.1302	0.0500	0.00845	0.0100	-15.5	20.0
Chloroethane	Ave	0.1913	0.1906	0.0500	0.00996	0.0100	-0.4	20.0
Trichlorofluoromethane	Ave	0.2655	0.2654	0.1000	0.00999	0.0100	-0.0	20.0
Acrolein	Ave	0.0300	0.0307		0.0307	0.0300	2.4	20.0
1,1-Dichloroethene	Ave	0.2534	0.2608	0.1000	0.0103	0.0100	2.9	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1979	0.2135	0.0500	0.0108	0.0100	7.9	20.0
Acetone	Lin1		0.0652	0.0500	0.0217	0.0200	8.3	20.0
Iodomethane	Ave	0.4023	0.4289		0.0107	0.0100	6.6	20.0
Carbon disulfide	Ave	0.7720	0.7804	0.1000	0.0101	0.0100	1.1	20.0
Acetonitrile	Ave	0.0179	0.0196		0.0329	0.0300	9.7	20.0
Methyl acetate	Ave	0.1872	0.1944	0.1000	0.0104	0.0100	3.9	20.0
Methylene Chloride	Lin1		0.3061	0.1000	0.0103	0.0100	3.0	20.0
2-Methyl-2-propanol	Ave	0.0115	0.0118		0.206	0.200	2.9	20.0
Acrylonitrile	Ave	0.0883	0.0886		0.0301	0.0300	0.4	20.0
Methyl tert-butyl ether	Ave	0.6743	0.6914	0.1000	0.0103	0.0100	2.5	20.0
trans-1,2-Dichloroethene	Ave	0.2746	0.2794	0.1000	0.0102	0.0100	1.7	20.0
1,1-Dichloroethane	Ave	0.4540	0.4781	0.1000	0.0105	0.0100	5.3	20.0
Vinyl acetate	Ave	0.0388	0.0476		0.0123	0.0100	22.8*	20.0
2-Butanone (MEK)	Ave	0.0917	0.0892	0.0500	0.0195	0.0200	-2.7	20.0
cis-1,2-Dichloroethene	Ave	0.2910	0.2955	0.1000	0.0102	0.0100	1.5	20.0
2,2-Dichloropropane	Ave	0.2361	0.2368		0.0100	0.0100	0.3	20.0
Bromochloromethane	Ave	0.1431	0.1424		0.00995	0.0100	-0.5	20.0
Chloroform	Ave	0.4586	0.4514	0.2000	0.00984	0.0100	-1.6	20.0
1,1,1-Trichloroethane	Ave	0.3330	0.3403	0.1000	0.0102	0.0100	2.2	20.0
Cyclohexane	Ave	0.4179	0.4047	0.1000	0.00969	0.0100	-3.1	20.0
1,1-Dichloropropene	Ave	0.3371	0.3370		0.0100	0.0100	-0.0	20.0
Carbon tetrachloride	Ave	0.2901	0.2931	0.1000	0.0101	0.0100	1.0	20.0
1,2-Dichloroethane	Ave	0.3198	0.3310	0.1000	0.0103	0.0100	3.5	20.0
Benzene	Ave	1.090	1.124	0.5000	0.0103	0.0100	3.1	20.0
Trichloroethene	Ave	0.2783	0.2825	0.2000	0.0102	0.0100	1.5	20.0
1,2-Dichloropropane	Ave	0.2403	0.2490	0.1000	0.0104	0.0100	3.6	20.0
Methylcyclohexane	Ave	0.3663	0.3589	0.1000	0.00980	0.0100	-2.0	20.0
Dibromomethane	Ave	0.1430	0.1496		0.0105	0.0100	4.6	20.0
Bromodichloromethane	Ave	0.2973	0.3096	0.1000	0.0104	0.0100	4.2	20.0
cis-1,3-Dichloropropene	Ave	0.3410	0.3302	0.1500	0.00968	0.0100	-3.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1850	0.1902	0.0500	0.0206	0.0200	2.8	20.0
Toluene	Ave	1.599	1.576	0.4000	0.00985	0.0100	-1.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-68811/14 Calibration Date: 12/14/2012 19:48

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 15:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 17:19

Lab File ID: UXX1412.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	0.4239	0.4155	0.1000	0.00980	0.0100	-2.0	20.0
1,1,2-Trichloroethane	Ave	0.3101	0.3152	0.1000	0.0102	0.0100	1.6	20.0
1,3-Dichloropropane	Ave	0.5387	0.5259		0.00976	0.0100	-2.4	20.0
Tetrachloroethene	Ave	0.3273	0.3206	0.2000	0.00980	0.0100	-2.0	20.0
2-Hexanone	Ave	0.1765	0.1811	0.0500	0.0205	0.0200	2.6	20.0
Dibromochloromethane	Ave	0.3172	0.3095		0.00976	0.0100	-2.4	20.0
1,2-Dibromoethane	Ave	0.3051	0.3064		0.0100	0.0100	0.4	20.0
Chlorobenzene	Ave	1.052	1.025	0.3000	0.00974	0.0100	-2.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3595	0.3640		0.0101	0.0100	1.3	20.0
Ethylbenzene	Ave	0.5372	0.5358		0.00997	0.0100	-0.3	20.0
m-Xylene & p-Xylene	Ave	0.6797	0.6902		0.0203	0.0200	1.5	20.0
o-Xylene	Ave	0.6537	0.7057		0.0108	0.0100	8.0	20.0
Styrene	Ave	1.074	1.134	0.3000	0.0106	0.0100	5.5	20.0
Bromoform	Ave	0.2062	0.2059	0.1000	0.00999	0.0100	-0.1	20.0
Isopropylbenzene	Ave	1.589	1.653	0.1000	0.0104	0.0100	4.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7129	0.6718	0.3000	0.00942	0.0100	-5.8	20.0
Bromobenzene	Ave	0.7626	0.7311		0.00959	0.0100	-4.1	20.0
1,2,3-Trichloropropane	Ave	0.2318	0.2251		0.00971	0.0100	-2.9	20.0
N-Propylbenzene	Ave	0.7378	0.7503		0.0102	0.0100	1.7	20.0
2-Chlorotoluene	Ave	0.6986	0.6792		0.00972	0.0100	-2.8	20.0
1,3,5-Trimethylbenzene	Ave	2.126	2.194		0.0103	0.0100	3.2	20.0
4-Chlorotoluene	Ave	0.7439	0.7280		0.00979	0.0100	-2.1	20.0
tert-Butylbenzene	Ave	1.903	1.992		0.0105	0.0100	4.7	20.0
1,2,4-Trimethylbenzene	Ave	2.184	2.270		0.0104	0.0100	3.9	20.0
sec-Butylbenzene	Ave	2.376	2.360		0.00993	0.0100	-0.7	20.0
1,3-Dichlorobenzene	Ave	1.409	1.382	0.6000	0.00981	0.0100	-1.9	20.0
4-Isopropyltoluene	Ave	2.025	2.108		0.0104	0.0100	4.1	20.0
1,4-Dichlorobenzene	Ave	1.528	1.456	0.5000	0.00953	0.0100	-4.7	20.0
n-Butylbenzene	Ave	1.617	1.591		0.00984	0.0100	-1.6	20.0
1,2-Dichlorobenzene	Ave	1.352	1.342	0.4000	0.00993	0.0100	-0.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1064	0.0956	0.0500	0.00898	0.0100	-10.2	20.0
1,2,4-Trichlorobenzene	Ave	0.6371	0.5644	0.2000	0.00886	0.0100	-11.4	20.0
Hexachlorobutadiene	Ave	0.3169	0.2145		0.00677	0.0100	-32.3*	20.0
Naphthalene	Ave	1.546	1.312		0.00848	0.0100	-15.2	20.0
1,2,3-Trichlorobenzene	Ave	0.6235	0.5198		0.00834	0.0100	-16.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2340	0.2359		0.0101	0.0100	0.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2732	0.2717		0.00994	0.0100	-0.6	20.0
Toluene-d8 (Surr)	Ave	1.295	1.244		0.00961	0.0100	-3.9	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4556	0.4636		0.0102	0.0100	1.8	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1412.D
Lims ID: ICV Client ID:
Inject. Date: 14-Dec-2012 19:48:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015869-014
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 68811 Lims Sample ID: 14
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:40 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: quayler Date: 17-Dec-2012 08:06:50

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.203	5.206	-0.003	99	1915294	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.880	-0.002	82	1350521	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.129	-0.003	89	869619	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.635	4.636	-0.001	60	451763	10.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.919	4.920	-0.001	0	520320	9.94	
$ 7 Toluene-d8 (Surr)	98	6.564	6.565	-0.001	93	1680659	9.61	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.991	-0.001	93	626111	10.2	
12 Dichlorodifluoromethane	85	1.559	1.560	-0.001	98	341181	9.64	
13 Chloromethane	50	1.701	1.690	0.011	89	660914	10.5	
14 Vinyl chloride	62	1.795	1.796	-0.001	97	638431	10.2	
16 Bromomethane	94	2.091	2.080	0.011	89	249381	8.45	
17 Chloroethane	64	2.174	2.163	0.011	99	365103	9.96	
19 Trichlorofluoromethane	101	2.399	2.388	0.011	97	508316	10.0	
20 Ethyl ether	59	2.600	2.603	-0.003	89	444403	11.0	
21 Acrolein	56	2.707	2.707	0.0	91	176270	30.7	
23 1,1-Dichloroethene	96	2.813	2.814	-0.001	89	499594	10.3	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.825	2.826	-0.001	85	408984	10.8	
24 Acetone	43	2.825	2.826	-0.001	77	249719	21.7	
26 Iodomethane	142	2.943	2.944	-0.001	96	821429	10.7	
27 Carbon disulfide	76	3.014	3.003	0.011	98	1494759	10.1	
28 Acetonitrile	41	3.050	3.051	-0.001	93	112862	32.9	
30 Methyl acetate	43	3.109	3.098	0.011	96	372393	10.4	
31 Methylene Chloride	84	3.192	3.193	-0.001	86	586301	10.3	
32 2-Methyl-2-propanol	59	3.263	3.264	-0.001	94	453145	205.8	
33 Acrylonitrile	53	3.381	3.382	-0.001	99	509210	30.1	
35 Methyl tert-butyl ether	73	3.428	3.429	-0.001	90	1324273	10.3	
34 trans-1,2-Dichloroethene	96	3.428	3.429	-0.001	68	535072	10.2	
36 Hexane	86	3.665	3.666	-0.001	93	105404	10.1	
37 1,1-Dichloroethane	63	3.772	3.772	0.0	96	915711	10.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Vinyl acetate	86	3.795	3.796	-0.001	97	91172	12.3	
39 Isopropyl ether	87	3.819	3.822	-0.003	95	483926	11.1	
42 2-Butanone (MEK)	43	4.245	4.246	-0.001	57	341673	19.5	
43 cis-1,2-Dichloroethene	96	4.245	4.246	-0.001	82	565872	10.2	
44 2,2-Dichloropropane	77	4.257	4.257	0.0	89	453477	10.0	
48 Chlorobromomethane	128	4.446	4.447	-0.001	92	272714	9.95	
49 Tetrahydrofuran	42	4.493	4.494	-0.001	88	122224	10.0	
50 Chloroform	83	4.505	4.494	0.011	81	864569	9.84	
51 1,1,1-Trichloroethane	97	4.683	4.672	0.011	87	651810	10.2	
52 Cyclohexane	56	4.742	4.743	-0.001	88	775149	9.69	
53 1,1-Dichloropropene	75	4.813	4.814	-0.001	94	645389	10.0	
54 Carbon tetrachloride	117	4.825	4.825	0.0	93	561303	10.1	
55 Isobutyl alcohol	41	4.848	4.851	-0.003	94	591375	528.7	
56 1,2-Dichloroethane	62	4.979	4.979	0.0	46	633870	10.3	
57 Benzene	78	4.990	4.979	0.011	95	2152834	10.3	
61 Trichloroethene	130	5.523	5.524	-0.001	92	541034	10.2	
64 1,2-Dichloropropane	63	5.700	5.701	-0.001	87	476819	10.4	
63 Methylcyclohexane	83	5.700	5.701	-0.001	86	687408	9.80	
66 Dibromomethane	93	5.807	5.808	-0.001	85	286527	10.5	
68 Dichlorobromomethane	83	5.925	5.926	-0.001	94	593053	10.4	
70 2-Chloroethyl vinyl ether	63	6.174	6.174	0.0	93	232673	9.72	
71 cis-1,3-Dichloropropene	75	6.316	6.316	0.0	91	632357	9.68	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.447	-0.001	96	728603	20.6	
73 Toluene	91	6.623	6.624	-0.001	97	2128346	9.85	
74 trans-1,3-Dichloropropene	75	6.801	6.802	-0.001	89	561096	9.80	
76 1,1,2-Trichloroethane	97	6.966	6.967	-0.001	84	425622	10.2	
77 1,3-Dichloropropane	76	7.120	7.121	-0.001	91	710209	9.76	
78 Tetrachloroethene	164	7.132	7.133	-0.001	94	432984	9.80	
79 2-Hexanone	43	7.179	7.192	-0.013	96	489016	20.5	
81 Chlorodibromomethane	129	7.333	7.334	-0.001	90	417940	9.76	
83 Ethylene Dibromide	107	7.452	7.452	0.0	96	413800	10.0	
85 Chlorobenzene	112	7.913	7.914	-0.001	97	1384146	9.74	
86 1,1,1,2-Tetrachloroethane	131	7.972	7.973	-0.001	89	491600	10.1	
87 Ethylbenzene	106	8.008	8.008	0.0	97	723658	9.97	
88 m-Xylene & p-Xylene	106	8.114	8.115	-0.001	99	1864199	20.3	
89 o-Xylene	106	8.493	8.494	-0.001	91	953109	10.8	
90 Styrene	104	8.505	8.505	0.0	92	1530890	10.6	
91 Bromoform	173	8.682	8.683	-0.001	98	278064	9.99	
92 Isopropylbenzene	105	8.848	8.849	-0.001	94	2232723	10.4	
94 Cyclohexanone	55	8.931	8.934	-0.003	87	227738	47.5	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.109	-0.001	93	584187	9.42	
96 Bromobenzene	156	9.144	9.144	0.0	90	635774	9.59	
97 1,2,3-Trichloropropane	110	9.155	9.156	-0.001	72	195777	9.71	
98 trans-1,4-Dichloro-2-butene	53	9.167	9.168	-0.001	78	293007	19.1	
99 N-Propylbenzene	120	9.250	9.239	0.011	97	652491	10.2	
100 2-Chlorotoluene	126	9.333	9.334	-0.001	97	590662	9.72	
101 1,3,5-Trimethylbenzene	105	9.416	9.417	-0.001	93	1908167	10.3	
102 4-Chlorotoluene	126	9.439	9.440	-0.001	98	633118	9.79	
103 tert-Butylbenzene	119	9.735	9.736	-0.001	89	1732084	10.5	
104 1,2,4-Trimethylbenzene	105	9.783	9.783	0.0	76	1973701	10.4	
105 sec-Butylbenzene	105	9.948	9.949	-0.001	92	2051953	9.93	
106 1,3-Dichlorobenzene	146	10.067	10.067	0.0	96	1201441	9.81	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.090	10.091	-0.001	92	1833220	10.4	
108 1,4-Dichlorobenzene	146	10.149	10.150	-0.001	95	1266549	9.53	
109 1,2,3-Trimethylbenzene	105	10.197	10.200	-0.003	95	2038446	11.1	
110 n-Butylbenzene	91	10.504	10.493	0.011	93	1383856	9.84	
111 1,2-Dichlorobenzene	146	10.516	10.517	-0.001	98	1166801	9.93	
112 1,2-Dibromo-3-Chloropropane	157	11.285	11.286	-0.001	80	83097	8.98	
114 1,2,4-Trichlorobenzene	180	12.126	12.126	0.0	93	490825	8.86	
115 Hexachlorobutadiene	225	12.303	12.304	-0.001	92	186526	6.77	
116 Naphthalene	128	12.374	12.375	-0.001	100	1140702	8.48	
117 1,2,3-Trichlorobenzene	180	12.623	12.623	-0.001	99	452064	8.34	
S 119 Trihalomethanes, Total	1				0		40.0	
S 120 1,2-Dichloroethene, Total	96				0		20.3	
S 122 Xylenes, Total	106				0		31.1	

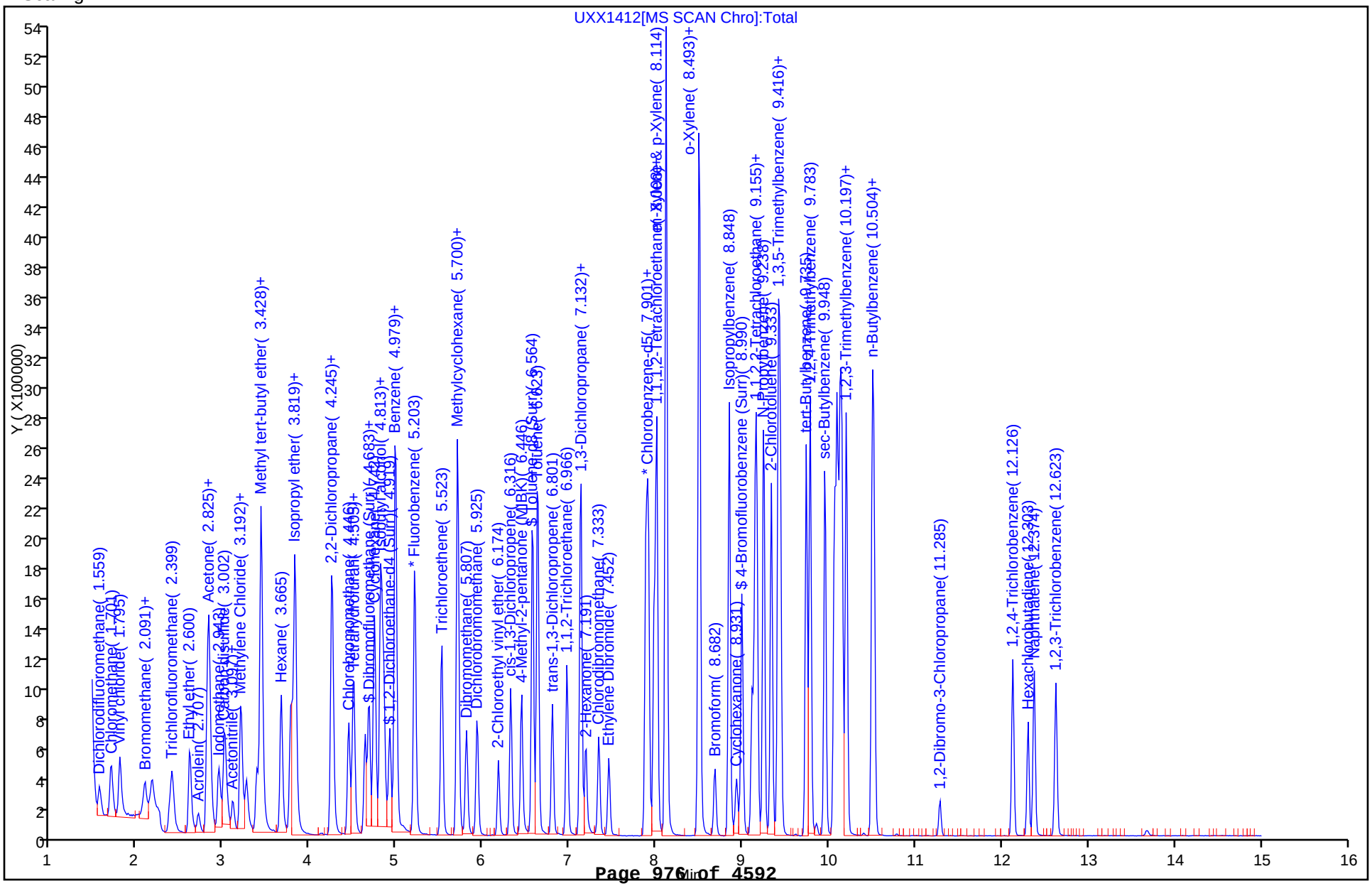
Report Date: 17-Dec-2012 09:35:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1412.D

Injection Date:	14-Dec-2012 19:48:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	14
Operator ID:	1904	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.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-68811/14 Calibration Date: 12/14/2012 19:48

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 17:40

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 19:27

Lab File ID: UXX1412.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	0.0088		0.529	0.500	5.7	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1412.D
Lims ID: ICV Client ID:
Inject. Date: 14-Dec-2012 19:48:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015869-014
Misc. Info.: P21214A-IC,8260LLUX10,,1904 =P21214A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 68811 Lims Sample ID: 14
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m
Last Update: 17-Dec-2012 09:35:40 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: quayler Date: 17-Dec-2012 08:06:50

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.203	5.206	-0.003	99	1915294	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.880	-0.002	82	1350521	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.129	-0.003	89	869619	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.635	4.636	-0.001	60	451763	10.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.919	4.920	-0.001	0	520320	9.94	
$ 7 Toluene-d8 (Surr)	98	6.564	6.565	-0.001	93	1680659	9.61	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.991	-0.001	93	626111	10.2	
12 Dichlorodifluoromethane	85	1.559	1.560	-0.001	98	341181	9.64	
13 Chloromethane	50	1.701	1.690	0.011	89	660914	10.5	
14 Vinyl chloride	62	1.795	1.796	-0.001	97	638431	10.2	
16 Bromomethane	94	2.091	2.080	0.011	89	249381	8.45	
17 Chloroethane	64	2.174	2.163	0.011	99	365103	9.96	
19 Trichlorofluoromethane	101	2.399	2.388	0.011	97	508316	10.0	
20 Ethyl ether	59	2.600	2.603	-0.003	89	444403	11.0	
21 Acrolein	56	2.707	2.707	0.0	91	176270	30.7	
23 1,1-Dichloroethene	96	2.813	2.814	-0.001	89	499594	10.3	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.825	2.826	-0.001	85	408984	10.8	
24 Acetone	43	2.825	2.826	-0.001	77	249719	21.7	
26 Iodomethane	142	2.943	2.944	-0.001	96	821429	10.7	
27 Carbon disulfide	76	3.014	3.003	0.011	98	1494759	10.1	
28 Acetonitrile	41	3.050	3.051	-0.001	93	112862	32.9	
30 Methyl acetate	43	3.109	3.098	0.011	96	372393	10.4	
31 Methylene Chloride	84	3.192	3.193	-0.001	86	586301	10.3	
32 2-Methyl-2-propanol	59	3.263	3.264	-0.001	94	453145	205.8	
33 Acrylonitrile	53	3.381	3.382	-0.001	99	509210	30.1	
35 Methyl tert-butyl ether	73	3.428	3.429	-0.001	90	1324273	10.3	
34 trans-1,2-Dichloroethene	96	3.428	3.429	-0.001	68	535072	10.2	
36 Hexane	86	3.665	3.666	-0.001	93	105404	10.1	
37 1,1-Dichloroethane	63	3.772	3.772	0.0	96	915711	10.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Vinyl acetate	86	3.795	3.796	-0.001	97	91172	12.3	
39 Isopropyl ether	87	3.819	3.822	-0.003	95	483926	11.1	
42 2-Butanone (MEK)	43	4.245	4.246	-0.001	57	341673	19.5	
43 cis-1,2-Dichloroethene	96	4.245	4.246	-0.001	82	565872	10.2	
44 2,2-Dichloropropane	77	4.257	4.257	0.0	89	453477	10.0	
48 Chlorobromomethane	128	4.446	4.447	-0.001	92	272714	9.95	
49 Tetrahydrofuran	42	4.493	4.494	-0.001	88	122224	10.0	
50 Chloroform	83	4.505	4.494	0.011	81	864569	9.84	
51 1,1,1-Trichloroethane	97	4.683	4.672	0.011	87	651810	10.2	
52 Cyclohexane	56	4.742	4.743	-0.001	88	775149	9.69	
53 1,1-Dichloropropene	75	4.813	4.814	-0.001	94	645389	10.0	
54 Carbon tetrachloride	117	4.825	4.825	0.0	93	561303	10.1	
55 Isobutyl alcohol	41	4.848	4.851	-0.003	94	591375	528.7	
56 1,2-Dichloroethane	62	4.979	4.979	0.0	46	633870	10.3	
57 Benzene	78	4.990	4.979	0.011	95	2152834	10.3	
61 Trichloroethene	130	5.523	5.524	-0.001	92	541034	10.2	
64 1,2-Dichloropropane	63	5.700	5.701	-0.001	87	476819	10.4	
63 Methylcyclohexane	83	5.700	5.701	-0.001	86	687408	9.80	
66 Dibromomethane	93	5.807	5.808	-0.001	85	286527	10.5	
68 Dichlorobromomethane	83	5.925	5.926	-0.001	94	593053	10.4	
70 2-Chloroethyl vinyl ether	63	6.174	6.174	0.0	93	232673	9.72	
71 cis-1,3-Dichloropropene	75	6.316	6.316	0.0	91	632357	9.68	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.447	-0.001	96	728603	20.6	
73 Toluene	91	6.623	6.624	-0.001	97	2128346	9.85	
74 trans-1,3-Dichloropropene	75	6.801	6.802	-0.001	89	561096	9.80	
76 1,1,2-Trichloroethane	97	6.966	6.967	-0.001	84	425622	10.2	
77 1,3-Dichloropropane	76	7.120	7.121	-0.001	91	710209	9.76	
78 Tetrachloroethene	164	7.132	7.133	-0.001	94	432984	9.80	
79 2-Hexanone	43	7.179	7.192	-0.013	96	489016	20.5	
81 Chlorodibromomethane	129	7.333	7.334	-0.001	90	417940	9.76	
83 Ethylene Dibromide	107	7.452	7.452	0.0	96	413800	10.0	
85 Chlorobenzene	112	7.913	7.914	-0.001	97	1384146	9.74	
86 1,1,1,2-Tetrachloroethane	131	7.972	7.973	-0.001	89	491600	10.1	
87 Ethylbenzene	106	8.008	8.008	0.0	97	723658	9.97	
88 m-Xylene & p-Xylene	106	8.114	8.115	-0.001	99	1864199	20.3	
89 o-Xylene	106	8.493	8.494	-0.001	91	953109	10.8	
90 Styrene	104	8.505	8.505	0.0	92	1530890	10.6	
91 Bromoform	173	8.682	8.683	-0.001	98	278064	9.99	
92 Isopropylbenzene	105	8.848	8.849	-0.001	94	2232723	10.4	
94 Cyclohexanone	55	8.931	8.934	-0.003	87	227738	47.5	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.109	-0.001	93	584187	9.42	
96 Bromobenzene	156	9.144	9.144	0.0	90	635774	9.59	
97 1,2,3-Trichloropropane	110	9.155	9.156	-0.001	72	195777	9.71	
98 trans-1,4-Dichloro-2-butene	53	9.167	9.168	-0.001	78	293007	19.1	
99 N-Propylbenzene	120	9.250	9.239	0.011	97	652491	10.2	
100 2-Chlorotoluene	126	9.333	9.334	-0.001	97	590662	9.72	
101 1,3,5-Trimethylbenzene	105	9.416	9.417	-0.001	93	1908167	10.3	
102 4-Chlorotoluene	126	9.439	9.440	-0.001	98	633118	9.79	
103 tert-Butylbenzene	119	9.735	9.736	-0.001	89	1732084	10.5	
104 1,2,4-Trimethylbenzene	105	9.783	9.783	0.0	76	1973701	10.4	
105 sec-Butylbenzene	105	9.948	9.949	-0.001	92	2051953	9.93	
106 1,3-Dichlorobenzene	146	10.067	10.067	0.0	96	1201441	9.81	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.090	10.091	-0.001	92	1833220	10.4	
108 1,4-Dichlorobenzene	146	10.149	10.150	-0.001	95	1266549	9.53	
109 1,2,3-Trimethylbenzene	105	10.197	10.200	-0.003	95	2038446	11.1	
110 n-Butylbenzene	91	10.504	10.493	0.011	93	1383856	9.84	
111 1,2-Dichlorobenzene	146	10.516	10.517	-0.001	98	1166801	9.93	
112 1,2-Dibromo-3-Chloropropane	157	11.285	11.286	-0.001	80	83097	8.98	
114 1,2,4-Trichlorobenzene	180	12.126	12.126	0.0	93	490825	8.86	
115 Hexachlorobutadiene	225	12.303	12.304	-0.001	92	186526	6.77	
116 Naphthalene	128	12.374	12.375	-0.001	100	1140702	8.48	
117 1,2,3-Trichlorobenzene	180	12.623	12.623	-0.001	99	452064	8.34	
S 119 Trihalomethanes, Total	1				0		40.0	
S 120 1,2-Dichloroethene, Total	96				0		20.3	
S 122 Xylenes, Total	106				0		31.1	

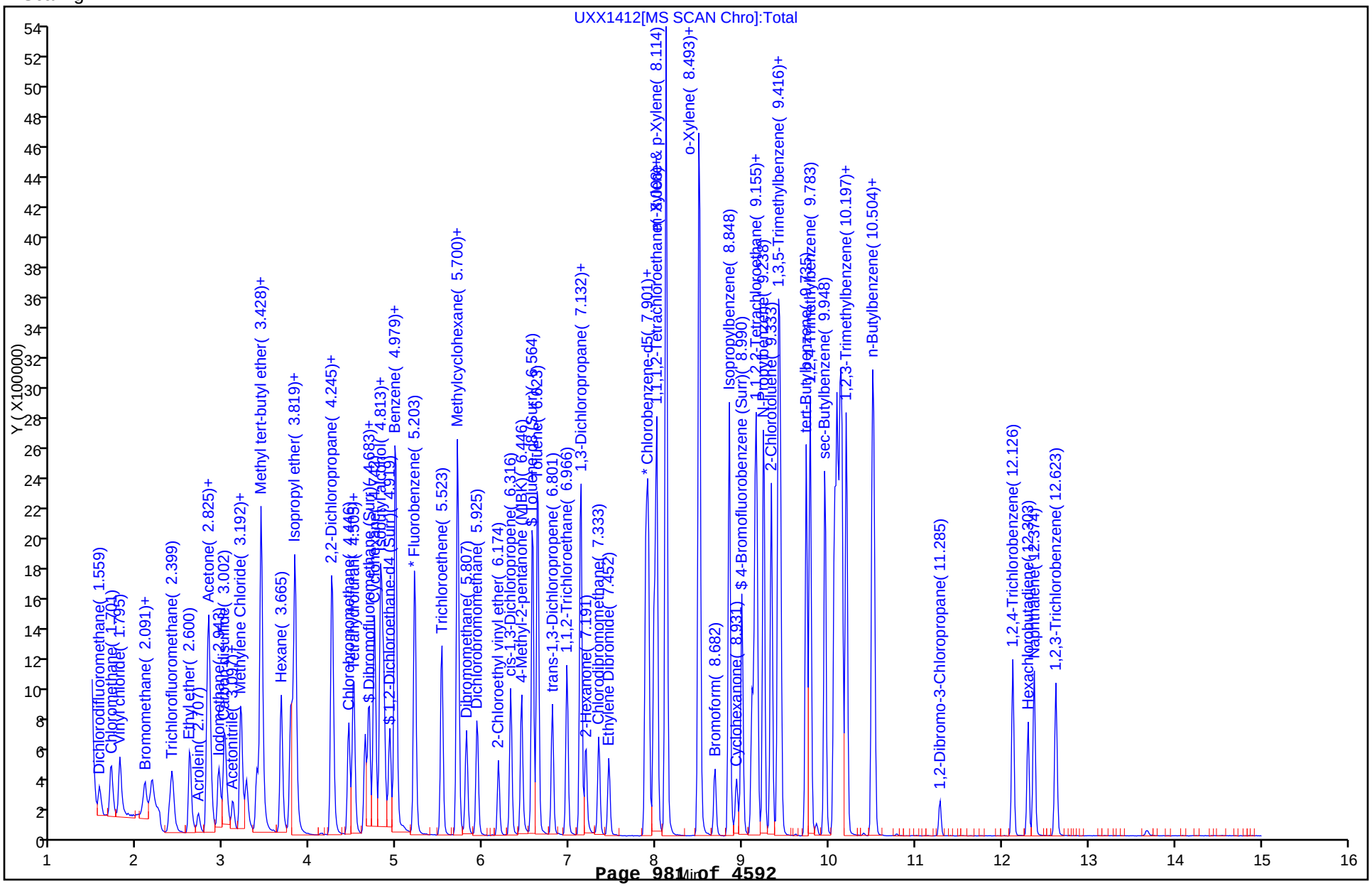
Report Date: 17-Dec-2012 09:35:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1412.D

Injection Date:	14-Dec-2012 19:48:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	14
Operator ID:	1904	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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69591/2 Calibration Date: 12/20/2012 11:59

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 15:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 17:19

Lab File ID: UXX1587.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	0.1849	0.2428	0.1000	0.0131	0.0100	31.3*	20.0
Chloromethane	Ave	0.3300	0.3325	0.1000	0.0101	0.0100	0.8	20.0
Vinyl chloride	Ave	0.3283	0.3419	0.1000	0.0104	0.0100	4.1	20.0
Bromomethane	Ave	0.1541	0.1591	0.0500	0.0103	0.0100	3.3	20.0
Chloroethane	Ave	0.1913	0.2007	0.0500	0.0105	0.0100	4.9	20.0
Trichlorofluoromethane	Ave	0.2655	0.3008	0.1000	0.0113	0.0100	13.3	20.0
Acrolein	Ave	0.0300	0.0267		0.0891	0.100	-10.9	20.0
1,1-Dichloroethene	Ave	0.2534	0.2472	0.1000	0.00975	0.0100	-2.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1979	0.2344	0.0500	0.0118	0.0100	18.4	20.0
Acetone	Lin1		0.0519	0.0500	0.0170	0.0200	-14.8	20.0
Iodomethane	Ave	0.4023	0.4280		0.0106	0.0100	6.4	20.0
Carbon disulfide	Ave	0.7720	0.8568	0.1000	0.0111	0.0100	11.0	20.0
Acetonitrile	Ave	0.0179	0.0173		0.0968	0.100	-3.2	20.0
Methyl acetate	Ave	0.1872	0.1703	0.1000	0.0182	0.0200	-9.0	20.0
Methylene Chloride	Lin1		0.3102	0.1000	0.0104	0.0100	4.5	20.0
2-Methyl-2-propanol	Ave	0.0115	0.0108		0.187	0.200	-6.5	20.0
Acrylonitrile	Ave	0.0883	0.0806		0.0183	0.0200	-8.7	20.0
Methyl tert-butyl ether	Ave	0.6743	0.6673	0.1000	0.00990	0.0100	-1.0	20.0
trans-1,2-Dichloroethene	Ave	0.2746	0.2868	0.1000	0.0104	0.0100	4.4	20.0
1,1-Dichloroethane	Ave	0.4540	0.4459	0.1000	0.00982	0.0100	-1.8	20.0
Vinyl acetate	Ave	0.0388	0.0374		0.00964	0.0100	-3.6	20.0
2-Butanone (MEK)	Ave	0.0917	0.0840	0.0500	0.0183	0.0200	-8.3	20.0
cis-1,2-Dichloroethene	Ave	0.2910	0.2933	0.1000	0.0101	0.0100	0.8	20.0
2,2-Dichloropropane	Ave	0.2361	0.2655		0.0112	0.0100	12.4	20.0
Bromochloromethane	Ave	0.1431	0.1495		0.0104	0.0100	4.4	20.0
Chloroform	Ave	0.4586	0.4564	0.2000	0.00995	0.0100	-0.5	20.0
1,1,1-Trichloroethane	Ave	0.3330	0.3477	0.1000	0.0104	0.0100	4.4	20.0
Cyclohexane	Ave	0.4179	0.4579	0.1000	0.0110	0.0100	9.6	20.0
1,1-Dichloropropene	Ave	0.3371	0.3422		0.0102	0.0100	1.5	20.0
Carbon tetrachloride	Ave	0.2901	0.2987	0.1000	0.0103	0.0100	3.0	20.0
1,2-Dichloroethane	Ave	0.3198	0.3051	0.1000	0.00954	0.0100	-4.6	20.0
Benzene	Ave	1.090	1.077	0.5000	0.00988	0.0100	-1.2	20.0
Trichloroethene	Ave	0.2783	0.2859	0.2000	0.0103	0.0100	2.8	20.0
1,2-Dichloropropane	Ave	0.2403	0.2440	0.1000	0.0102	0.0100	1.5	20.0
Methylcyclohexane	Ave	0.3663	0.3987	0.1000	0.0109	0.0100	8.8	20.0
Dibromomethane	Ave	0.1430	0.1424		0.00996	0.0100	-0.4	20.0
Bromodichloromethane	Ave	0.2973	0.2948	0.1000	0.00991	0.0100	-0.9	20.0
cis-1,3-Dichloropropene	Ave	0.3410	0.3354	0.1500	0.00984	0.0100	-1.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.1850	0.1922	0.0500	0.0208	0.0200	3.9	20.0
Toluene	Ave	1.599	1.591	0.4000	0.00995	0.0100	-0.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69591/2 Calibration Date: 12/20/2012 11:59

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 15:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 17:19

Lab File ID: UXX1587.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	0.4239	0.3754	0.1000	0.00885	0.0100	-11.5	20.0
1,1,2-Trichloroethane	Ave	0.3101	0.2971	0.1000	0.00958	0.0100	-4.2	20.0
1,3-Dichloropropane	Ave	0.5387	0.5091		0.00945	0.0100	-5.5	20.0
Tetrachloroethene	Ave	0.3273	0.3397	0.2000	0.0104	0.0100	3.8	20.0
2-Hexanone	Ave	0.1765	0.1543	0.0500	0.0175	0.0200	-12.6	20.0
Dibromochloromethane	Ave	0.3172	0.3077		0.00970	0.0100	-3.0	20.0
1,2-Dibromoethane	Ave	0.3051	0.2939		0.00963	0.0100	-3.7	20.0
Chlorobenzene	Ave	1.052	1.033	0.3000	0.00982	0.0100	-1.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3595	0.3639		0.0101	0.0100	1.2	20.0
Ethylbenzene	Ave	0.5372	0.5531		0.0103	0.0100	3.0	20.0
m-Xylene & p-Xylene	Ave	0.6797	0.7177		0.0211	0.0200	5.6	20.0
o-Xylene	Ave	0.6537	0.6997		0.0107	0.0100	7.0	20.0
Styrene	Ave	1.074	1.123	0.3000	0.0105	0.0100	4.6	20.0
Bromoform	Ave	0.2062	0.1860	0.1000	0.00902	0.0100	-9.8	20.0
Isopropylbenzene	Ave	1.589	1.705	0.1000	0.0107	0.0100	7.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7129	0.6074	0.3000	0.00852	0.0100	-14.8	20.0
Bromobenzene	Ave	0.7626	0.7280		0.00955	0.0100	-4.5	20.0
1,2,3-Trichloropropane	Ave	0.2318	0.2044		0.00882	0.0100	-11.8	20.0
N-Propylbenzene	Ave	0.7378	0.7345		0.00996	0.0100	-0.4	20.0
2-Chlorotoluene	Ave	0.6986	0.6933		0.00992	0.0100	-0.8	20.0
1,3,5-Trimethylbenzene	Ave	2.126	2.225		0.0105	0.0100	4.6	20.0
4-Chlorotoluene	Ave	0.7439	0.7410		0.00996	0.0100	-0.4	20.0
tert-Butylbenzene	Ave	1.903	2.023		0.0106	0.0100	6.3	20.0
1,2,4-Trimethylbenzene	Ave	2.184	2.255		0.0103	0.0100	3.2	20.0
sec-Butylbenzene	Ave	2.376	2.431		0.0102	0.0100	2.3	20.0
1,3-Dichlorobenzene	Ave	1.409	1.401	0.6000	0.00995	0.0100	-0.5	20.0
4-Isopropyltoluene	Ave	2.025	2.093		0.0103	0.0100	3.3	20.0
1,4-Dichlorobenzene	Ave	1.528	1.493	0.5000	0.00977	0.0100	-2.3	20.0
n-Butylbenzene	Ave	1.617	1.597		0.00988	0.0100	-1.2	20.0
1,2-Dichlorobenzene	Ave	1.352	1.345	0.4000	0.00995	0.0100	-0.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1064	0.0897	0.0500	0.00843	0.0100	-15.7	20.0
1,2,4-Trichlorobenzene	Ave	0.6371	0.5861	0.2000	0.00920	0.0100	-8.0	20.0
Hexachlorobutadiene	Ave	0.3169	0.2329		0.00735	0.0100	-26.5*	20.0
Naphthalene	Ave	1.546	1.257		0.00813	0.0100	-18.7	20.0
1,2,3-Trichlorobenzene	Ave	0.6235	0.4971		0.00797	0.0100	-20.3*	20.0
Dibromofluoromethane (Surr)	Ave	0.2340	0.2339		0.00999	0.0100	-0.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2732	0.2361		0.00864	0.0100	-13.6	20.0
Toluene-d8 (Surr)	Ave	1.295	1.300		0.0100	0.0100	0.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4556	0.4536		0.00996	0.0100	-0.4	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1587.D
Lims ID: CCVIS L4 8260 Client ID:
Inject. Date: 20-Dec-2012 11:59:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0016059-002
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 69591 Lims Sample ID: 2
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:45 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: quayler Date: 20-Dec-2012 12:17:43

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.207	0.0	100	2109455	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	83	1518089	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.129	0.0	90	980489	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.639	4.639	0.0	60	493312	10.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.923	4.923	0.0	0	498027	8.64	
$ 7 Toluene-d8 (Surr)	98	6.568	6.568	0.0	92	1974176	10.0	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	96	688613	9.96	
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	87	512097	13.1	
13 Chloromethane	50	1.693	1.693	0.0	99	701479	10.1	
14 Vinyl chloride	62	1.799	1.799	0.0	82	721111	10.4	
16 Bromomethane	94	2.095	2.095	0.0	88	335674	10.3	
17 Chloroethane	64	2.178	2.178	0.0	99	423291	10.5	
19 Trichlorofluoromethane	101	2.391	2.391	0.0	98	634577	11.3	
21 Acrolein	56	2.710	2.710	0.0	98	563182	89.1	
23 1,1-Dichloroethene	96	2.817	2.817	0.0	95	521480	9.75	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.829	2.829	0.0	82	494497	11.8	
24 Acetone	43	2.829	2.829	0.0	54	218730	17.0	
26 Iodomethane	142	2.947	2.947	0.0	96	902941	10.6	
27 Carbon disulfide	76	3.006	3.006	0.0	99	1807404	11.1	
28 Acetonitrile	41	3.053	3.053	0.0	99	365734	96.8	
30 Methyl acetate	43	3.101	3.101	0.0	95	718625	18.2	
31 Methylene Chloride	84	3.195	3.195	0.0	84	654403	10.4	
32 2-Methyl-2-propanol	59	3.266	3.266	0.0	93	453432	187.0	
33 Acrylonitrile	53	3.385	3.385	0.0	99	339895	18.3	
34 trans-1,2-Dichloroethene	96	3.432	3.432	0.0	68	604909	10.4	
35 Methyl tert-butyl ether	73	3.432	3.432	0.0	90	1407636	9.90	
36 Hexane	86	3.669	3.669	0.0	91	125221	10.9	
37 1,1-Dichloroethane	63	3.775	3.775	0.0	85	940699	9.82	
38 Vinyl acetate	86	3.799	3.799	0.0	96	78869	9.64	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	69	618678	10.1	
42 2-Butanone (MEK)	43	4.248	4.248	0.0	92	354450	18.3	
44 2,2-Dichloropropane	77	4.260	4.260	0.0	92	559992	11.2	
48 Chlorobromomethane	128	4.450	4.450	0.0	88	315374	10.4	
50 Chloroform	83	4.497	4.497	0.0	81	962761	9.95	
49 Tetrahydrofuran	42	4.497	4.497	0.0	90	115887	8.61	
51 1,1,1-Trichloroethane	97	4.686	4.686	0.0	88	733517	10.4	
52 Cyclohexane	56	4.745	4.745	0.0	87	966005	11.0	
53 1,1-Dichloropropene	75	4.816	4.816	0.0	94	721776	10.2	
54 Carbon tetrachloride	117	4.828	4.828	0.0	87	630131	10.3	
57 Benzene	78	4.982	4.982	0.0	94	2272298	9.88	
56 1,2-Dichloroethane	62	4.982	4.982	0.0	45	643521	9.54	
61 Trichloroethene	130	5.526	5.526	0.0	91	603149	10.3	
64 1,2-Dichloropropane	63	5.704	5.704	0.0	85	514722	10.2	
63 Methylcyclohexane	83	5.704	5.704	0.0	88	840931	10.9	
66 Dibromomethane	93	5.810	5.810	0.0	89	300422	9.96	
67 1,4-Dioxane	88	5.810	5.810	0.0	38	128729	417.8	
68 Dichlorobromomethane	83	5.929	5.929	0.0	99	621768	9.91	
70 2-Chloroethyl vinyl ether	63	6.177	6.177	0.0	90	536695	20.4	
71 cis-1,3-Dichloropropene	75	6.319	6.319	0.0	92	707566	9.84	
72 4-Methyl-2-pentanone (MIBK)	43	6.449	6.449	0.0	95	810794	20.8	
73 Toluene	91	6.627	6.627	0.0	98	2415177	9.95	
74 trans-1,3-Dichloropropene	75	6.804	6.804	0.0	91	569809	8.85	
75 Ethyl methacrylate	69	6.875	6.875	0.0	89	559663	8.81	
76 1,1,2-Trichloroethane	97	6.970	6.970	0.0	83	451003	9.58	
77 1,3-Dichloropropane	76	7.124	7.124	0.0	90	772777	9.45	
78 Tetrachloroethene	164	7.136	7.136	0.0	96	515677	10.4	
79 2-Hexanone	43	7.183	7.183	0.0	94	468405	17.5	
81 Chlorodibromomethane	129	7.337	7.337	0.0	89	467174	9.70	
83 Ethylene Dibromide	107	7.455	7.455	0.0	96	446147	9.63	
85 Chlorobenzene	112	7.905	7.905	0.0	95	1567986	9.82	
86 1,1,1,2-Tetrachloroethane	131	7.976	7.976	0.0	84	552353	10.1	
87 Ethylbenzene	106	8.011	8.011	0.0	97	839714	10.3	
88 m-Xylene & p-Xylene	106	8.118	8.118	0.0	99	2179106	21.1	
89 o-Xylene	106	8.496	8.496	0.0	89	1062189	10.7	
90 Styrene	104	8.508	8.508	0.0	93	1705113	10.5	
91 Bromoform	173	8.686	8.686	0.0	98	282395	9.02	
92 Isopropylbenzene	105	8.851	8.851	0.0	94	2587667	10.7	
95 1,1,2,2-Tetrachloroethane	83	9.112	9.112	0.0	86	595579	8.52	
96 Bromobenzene	156	9.147	9.147	0.0	88	713803	9.55	
97 1,2,3-Trichloropropane	110	9.159	9.159	0.0	74	200427	8.82	
98 trans-1,4-Dichloro-2-butene	53	9.171	9.171	0.0	62	75094	4.35	
99 N-Propylbenzene	120	9.242	9.242	0.0	97	720151	9.96	
100 2-Chlorotoluene	126	9.337	9.337	0.0	98	679752	9.92	
101 1,3,5-Trimethylbenzene	105	9.419	9.419	0.0	93	2181144	10.5	
102 4-Chlorotoluene	126	9.443	9.443	0.0	98	726569	9.96	
103 tert-Butylbenzene	119	9.739	9.739	0.0	88	1983529	10.6	
104 1,2,4-Trimethylbenzene	105	9.786	9.786	0.0	76	2210905	10.3	
105 sec-Butylbenzene	105	9.952	9.952	0.0	91	2384050	10.2	
106 1,3-Dichlorobenzene	146	10.070	10.070	0.0	85	1373645	9.95	
107 4-Isopropyltoluene	119	10.094	10.094	0.0	96	2051877	10.3	
108 1,4-Dichlorobenzene	146	10.153	10.153	0.0	94	1464125	9.77	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.496	10.496	0.0	95	1566170	9.88	
111 1,2-Dichlorobenzene	146	10.520	10.520	0.0	98	1318304	9.95	
112 1,2-Dibromo-3-Chloropropane	157	11.289	11.289	0.0	78	87919	8.43	
113 1,3,5-Trichlorobenzene	180	11.514	11.514	0.0	97	704718	9.73	
114 1,2,4-Trichlorobenzene	180	12.129	12.129	0.0	92	574622	9.20	
115 Hexachlorobutadiene	225	12.307	12.307	0.0	92	228399	7.35	
116 Naphthalene	128	12.378	12.378	0.0	100	1232017	8.13	
117 1,2,3-Trichlorobenzene	180	12.626	12.626	0.0	98	487351	7.97	
S 119 Trihalomethanes, Total	1				0		38.6	
S 120 1,2-Dichloroethene, Total	96				0		20.5	
S 121 1,3-Dichloropropene, Total	75				0		18.7	
S 122 Xylenes, Total	106				0		31.8	

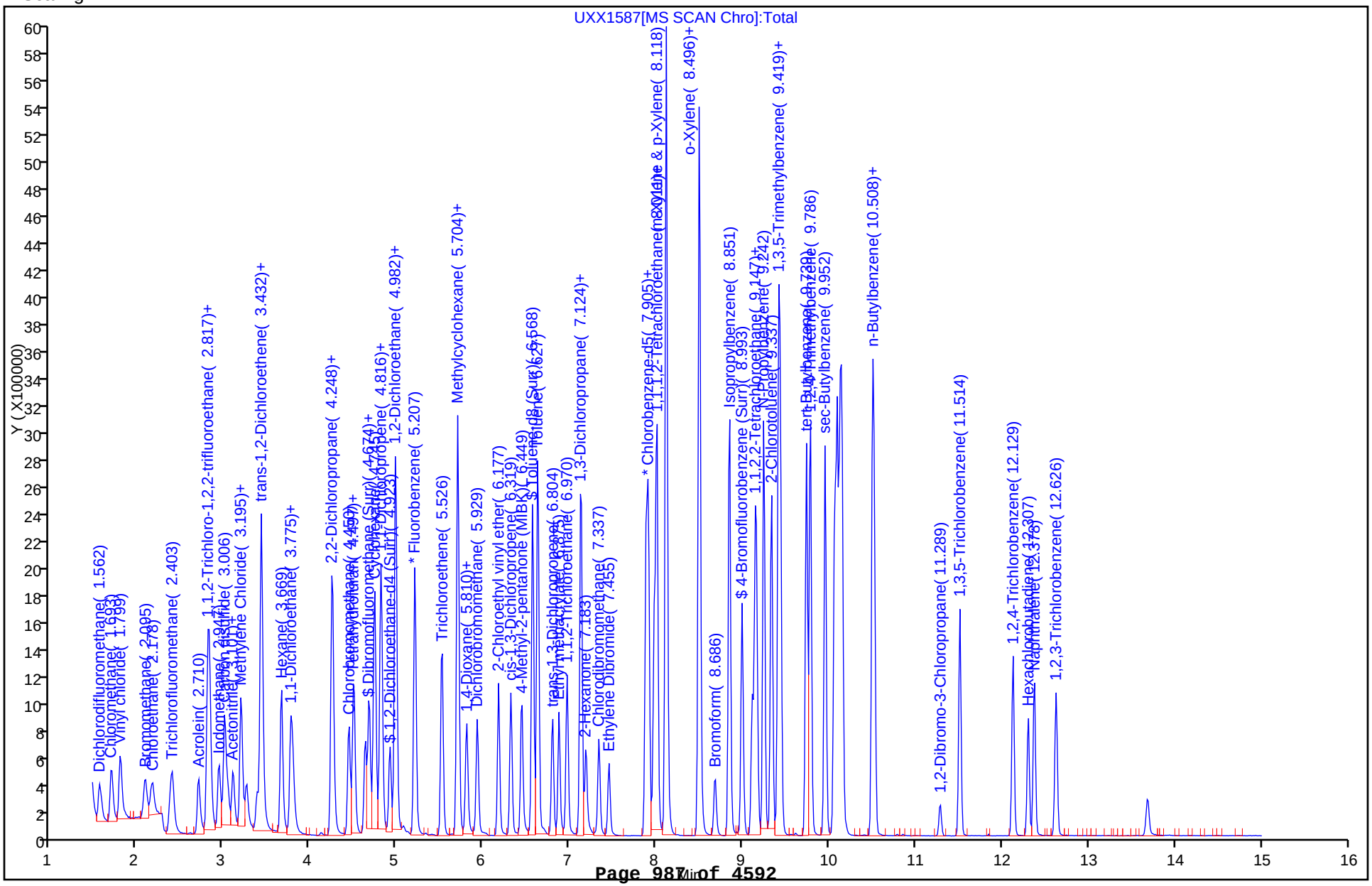
Report Date: 21-Dec-2012 08:34:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1587.D

Injection Date:	20-Dec-2012 11:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	2
Operator ID:	1904	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.: 240-18703-1

SDG No.:

Lab Sample ID: LODV 240-69591/19 Calibration Date: 12/20/2012 18:04

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 15:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 17:19

Lab File ID: UXX1603.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	0.1849			0.000391	0.000500		
Chloromethane	Ave	0.3300			0.000591	0.000500		
Vinyl chloride	Ave	0.3283			0.000562	0.000500		
Bromomethane	Ave	0.1541			0.000660	0.000500		
Chloroethane	Ave	0.1913			0.000655	0.000500		
Trichlorofluoromethane	Ave	0.2655			0.000564	0.000500		
Acrolein	Ave	0.0300			0.00433	0.00500		
1,1-Dichloroethene	Ave	0.2534			0.000478	0.000500		
Acetone	Lin1				0.00517	0.00500		
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1979			0.000540	0.000500		
Iodomethane	Ave	0.4023			0.000561	0.000500		
Carbon disulfide	Ave	0.7720			0.000535	0.000500		
Acetonitrile	Ave	0.0179			0.00624	0.00500		
Methyl acetate	Ave	0.1872			0.00111	0.00100		
Methylene Chloride	Lin1				0.000500	0.000500		
2-Methyl-2-propanol	Ave	0.0115			0.0119	0.0100		
Acrylonitrile	Ave	0.0883			0.00200	0.00100		
trans-1,2-Dichloroethene	Ave	0.2746			0.000496	0.000500		
Methyl tert-butyl ether	Ave	0.6743			0.000468	0.000500		
Hexane	Ave	0.0546				0.000500		
1,1-Dichloroethane	Ave	0.4540			0.000490	0.000500		
Vinyl acetate	Ave	0.0388			0.000334	0.000500		
2-Butanone (MEK)	Ave	0.0917			0.00464	0.00500		
2,2-Dichloropropane	Ave	0.2361			0.000489	0.000500		
cis-1,2-Dichloroethene	Ave	0.2910			0.000514	0.000500		
Bromochloromethane	Ave	0.1431			0.000528	0.000500		
Tetrahydrofuran	Ave	0.0638				0.000500		
Chloroform	Ave	0.4586			0.000498	0.000500		
1,1,1-Trichloroethane	Ave	0.3330			0.000469	0.000500		
Cyclohexane	Ave	0.4179			0.000452	0.000500		
1,1-Dichloropropene	Ave	0.3371			0.000429	0.000500		

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: LODV 240-69591/19 Calibration Date: 12/20/2012 18:04

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 15:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 17:19

Lab File ID: UXX1603.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
Carbon tetrachloride	Ave	0.2901			0.000474	0.000500		
1,2-Dichloroethane	Ave	0.3198			0.000511	0.000500		
Benzene	Ave	1.090			0.000545	0.000500		
Trichloroethene	Ave	0.2783			0.000472	0.000500		
1,2-Dichloropropane	Ave	0.2403			0.000509	0.000500		
Methylcyclohexane	Ave	0.3663			0.000414	0.000500		
Dibromomethane	Ave	0.1430			0.000505	0.000500		
Bromodichloromethane	Ave	0.2973			0.000437	0.000500		
2-Chloroethyl vinyl ether	Ave	0.1250				0.00100		
cis-1,3-Dichloropropene	Ave	0.3410			0.000357	0.000500		
4-Methyl-2-pentanone (MIBK)	Ave	0.1850			0.00412	0.00500		
Toluene	Ave	1.599			0.000488	0.000500		
trans-1,3-Dichloropropene	Ave	0.4239			0.000346	0.000500		
1,1,2-Trichloroethane	Ave	0.3101			0.000483	0.000500		
1,3-Dichloropropane	Ave	0.5387			0.000463	0.000500		
Tetrachloroethene	Ave	0.3273			0.000499	0.000500		
2-Hexanone	Ave	0.1765			0.00392	0.00500		
Dibromochloromethane	Ave	0.3172			0.000410	0.000500		
1,2-Dibromoethane	Ave	0.3051			0.000439	0.000500		
Chlorobenzene	Ave	1.052			0.000467	0.000500		
1,1,1,2-Tetrachloroethane	Ave	0.3595			0.000373	0.000500		
Ethylbenzene	Ave	0.5372			0.000395	0.000500		
m-Xylene & p-Xylene	Ave	0.6797			0.000758	0.00100		
o-Xylene	Ave	0.6537			0.000392	0.000500		
Styrene	Ave	1.074			0.000352	0.000500		
Bromoform	Ave	0.2062			0.000500	0.000500		
Isopropylbenzene	Ave	1.589			0.000361	0.000500		
1,1,2,2-Tetrachloroethane	Ave	0.7129			0.000460	0.000500		
Bromobenzene	Ave	0.7626			0.000475	0.000500		

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: LODV 240-69591/19 Calibration Date: 12/20/2012 18:04

Instrument ID: A3UX10 Calib Start Date: 12/14/2012 15:32

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 12/14/2012 17:19

Lab File ID: UXX1603.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
1,2,3-Trichloropropane	Ave	0.2318			0.000479	0.000500		
N-Propylbenzene	Ave	0.7378			0.000362	0.000500		
2-Chlorotoluene	Ave	0.6986			0.000407	0.000500		
1,3,5-Trimethylbenzene	Ave	2.126			0.000341	0.000500		
4-Chlorotoluene	Ave	0.7439			0.000395	0.000500		
tert-Butylbenzene	Ave	1.903			0.000389	0.000500		
1,2,4-Trimethylbenzene	Ave	2.184			0.000355	0.000500		
sec-Butylbenzene	Ave	2.376			0.000365	0.000500		
1,3-Dichlorobenzene	Ave	1.409			0.000487	0.000500		
4-Isopropyltoluene	Ave	2.025			0.000336	0.000500		
1,4-Dichlorobenzene	Ave	1.528			0.000474	0.000500		
n-Butylbenzene	Ave	1.617			0.000372	0.000500		
1,2-Dichlorobenzene	Ave	1.352			0.000489	0.000500		
1,2-Dibromo-3-Chloropropane	Ave	0.1064			0.000500	0.000500		
1,2,4-Trichlorobenzene	Ave	0.6371			0.000542	0.000500		
Hexachlorobutadiene	Ave	0.3169			0.000577	0.000500		
Naphthalene	Ave	1.546			0.000406	0.000500		
1,2,3-Trichlorobenzene	Ave	0.6235			0.000549	0.000500		
Dibromofluoromethane (Surr)	Ave	0.2340			0.00997	0.0100	100	85-115
1,2-Dichloroethane-d4 (Surr)	Ave	0.2732			0.00924	0.0100	92	70-120
Toluene-d8 (Surr)	Ave	1.295			0.00950	0.0100	95	85-120
4-Bromofluorobenzene (Surr)	Ave	0.4556			0.00962	0.0100	96	75-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1603.D
Lims ID: LODV Client ID:
Inject. Date: 20-Dec-2012 18:04:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0016059-019
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 19
Lims Batch ID: 69591 Lims Sample ID: 19
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.216	5.204	0.012	100	2011895	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.879	0.0	82	1436313	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	93	896548	10.0	
$ 4 BFB	95	4.447	3.747	0.700	0	4266	0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.639	-0.003	59	469421	9.97	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.003	0	507952	9.24	
$ 7 Toluene-d8 (Surr)	98	6.577	6.568	0.009	92	1767486	9.50	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	95	629709	9.62	
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
12 Dichlorodifluoromethane	85	1.560	1.562	-0.002	57	14539	0.3909	
13 Chloromethane	50	1.702	1.693	0.009	96	39244	0.5910	
14 Vinyl chloride	62	1.797	1.799	-0.002	58	37108	0.5619	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.092	2.095	-0.003	74	20450	0.6596	
17 Chloroethane	64	2.187	2.178	0.009	65	25217	0.6552	
18 Dichlorofluoromethane	67		2.329					
19 Trichlorofluoromethane	101	2.400	2.391	0.009	63	30121	0.5638	
20 Ethyl ether	59		2.613					9
21 Acrolein	56	2.708	2.710	-0.002	69	26106	4.33	
23 1,1-Dichloroethene	96	2.826	2.817	0.009	63	24364	0.4778	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.838	2.829	0.009	47	21482	0.5395	
24 Acetone	43	2.826	2.829	-0.003	97	70783	5.17	
22 Methylal	45		2.851					
26 Iodomethane	142	2.944	2.947	-0.003	89	45395	0.5609	
27 Carbon disulfide	76	3.015	3.006	0.009	96	83093	0.5350	
28 Acetonitrile	41	3.063	3.053	0.010	85	22469	6.24	
30 Methyl acetate	43	3.110	3.101	0.009	85	41622	1.11	
29 3-Chloro-1-propene	76		3.110					
31 Methylene Chloride	84	3.205	3.195	0.010	78	63200	0.2398	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.264	3.266	-0.002	94	27443	11.9	
33 Acrylonitrile	53	3.394	3.385	0.009	88	18375	1.03	
34 trans-1,2-Dichloroethene	96	3.430	3.432	-0.002	59	27392	0.4958	
35 Methyl tert-butyl ether	73	3.441	3.432	0.009	84	63533	0.4683	
36 Hexane	86	3.678	3.669	0.009	86	4553	0.4142	
37 1,1-Dichloroethane	63	3.773	3.775	-0.002	69	44738	0.4898	
38 Vinyl acetate	86	3.796	3.799	-0.003	92	2609	0.3344	
39 Isopropyl ether	87		3.832					
40 2-Chloro-1,3-butadiene	53		3.856					
41 Tert-butyl ethyl ether	59		4.128					9
43 cis-1,2-Dichloroethene	96	4.258	4.248	0.010	58	30102	0.5141	
42 2-Butanone (MEK)	43	4.246	4.248	-0.002	97	85528	4.64	
44 2,2-Dichloropropane	77	4.258	4.260	-0.002	51	23229	0.4890	
45 Propionitrile	54		4.293					
46 Ethyl acetate	43		4.293					9
47 Methacrylonitrile	41		4.424					9
48 Chlorobromomethane	128	4.447	4.450	-0.003	63	15220	0.5285	
50 Chloroform	83	4.506	4.497	0.009	75	45980	0.4983	
49 Tetrahydrofuran	42	4.494	4.497	-0.003	23	5201	0.4050	
51 1,1,1-Trichloroethane	97	4.684	4.686	-0.002	77	31413	0.4689	
52 Cyclohexane	56	4.743	4.745	-0.002	85	38022	0.4523	
53 1,1-Dichloropropene	75	4.814	4.816	-0.002	85	29116	0.4294	
54 Carbon tetrachloride	117	4.826	4.828	-0.002	72	27655	0.4739	
55 Isobutyl alcohol	41		4.850					9
57 Benzene	78	4.991	4.982	0.009	90	119587	0.5453	
56 1,2-Dichloroethane	62	4.980	4.982	-0.002	37	32864	0.5108	
58 Tert-amyl methyl ether	73		5.062					9
59 n-Heptane	100		5.204					
60 n-Butanol	56		5.406					
61 Trichloroethene	130	5.524	5.526	-0.002	72	26403	0.4716	
62 Ethyl acrylate	55		5.605					9
64 1,2-Dichloropropane	63	5.701	5.704	-0.003	67	24629	0.5094	
63 Methylcyclohexane	83	5.701	5.704	-0.003	82	30487	0.4136	
65 Methyl methacrylate	41		5.784					9
66 Dibromomethane	93	5.808	5.810	-0.002	82	14539	0.5055	
67 1,4-Dioxane	88	5.820	5.810	0.010	1	4539	15.4	
68 Dichlorobromomethane	83	5.926	5.929	-0.003	74	26138	0.4370	
69 2-Nitropropane	41		6.116					
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	69	18706	0.7440	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	65	24513	0.3573	
72 4-Methyl-2-pentanone (MIBK)	43	6.447	6.449	-0.002	94	153245	4.12	
73 Toluene	91	6.636	6.627	0.009	93	112154	0.4882	
74 trans-1,3-Dichloropropene	75	6.802	6.804	-0.002	69	21095	0.3465	
75 Ethyl methacrylate	69	6.873	6.875	-0.002	60	19324	0.7987	
76 1,1,2-Trichloroethane	97	6.968	6.970	-0.002	81	21522	0.4831	
77 1,3-Dichloropropane	76	7.133	7.124	0.009	68	35852	0.4634	
78 Tetrachloroethene	164	7.133	7.136	-0.003	86	23470	0.4993	
79 2-Hexanone	43	7.192	7.183	0.009	95	99283	3.92	
80 n-Butyl acetate	56		7.299					9
81 Chlorodibromomethane	129	7.334	7.337	-0.003	61	18695	0.4104	
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107	7.453	7.455	-0.002	67	19229	0.4388	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
84 1-Chlorohexane	91		7.779					
85 Chlorobenzene	112	7.914	7.905	0.009	72	70617	0.4675	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.976	-0.003	67	19273	0.3733	
87 Ethylbenzene	106	8.009	8.011	-0.002	92	30504	0.3953	
88 m-Xylene & p-Xylene	106	8.115	8.118	-0.003	98	73978	0.7577	
89 o-Xylene	106	8.494	8.496	-0.002	84	36789	0.3918	
90 Styrene	104	8.506	8.508	-0.002	91	54302	0.3519	
91 Bromoform	173	8.671	8.686	-0.015	63	11195	0.3781	
92 Isopropylbenzene	105	8.849	8.851	-0.002	87	82361	0.3608	
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55		8.932					9
95 1,1,2,2-Tetrachloroethane	83	9.109	9.112	-0.003	61	29404	0.4601	
96 Bromobenzene	156	9.145	9.147	-0.002	85	32487	0.4752	
97 1,2,3-Trichloropropane	110	9.157	9.159	-0.002	50	9952	0.4789	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.171	-0.003	36	4475	0.2832	
99 N-Propylbenzene	120	9.251	9.242	0.009	90	23931	0.3618	
100 2-Chlorotoluene	126	9.334	9.337	-0.003	91	25498	0.4071	
101 1,3,5-Trimethylbenzene	105	9.417	9.419	-0.002	88	65054	0.3413	
102 4-Chlorotoluene	126	9.441	9.443	-0.002	89	26321	0.3947	
103 tert-Butylbenzene	119	9.736	9.739	-0.003	81	66309	0.3886	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	56	69459	0.3547	
105 sec-Butylbenzene	105	9.961	9.952	0.009	75	77710	0.3648	
106 1,3-Dichlorobenzene	146	10.068	10.070	-0.002	86	61453	0.4866	
107 4-Isopropyltoluene	119	10.091	10.094	-0.003	83	60951	0.3357	
108 1,4-Dichlorobenzene	146	10.151	10.153	-0.002	75	64873	0.4736	
109 1,2,3-Trimethylbenzene	105		10.198					9
110 n-Butylbenzene	91	10.506	10.496	0.010	88	54004	0.3725	
111 1,2-Dichlorobenzene	146	10.517	10.520	-0.003	92	59231	0.4888	
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.289	-0.003	10	4247	0.4451	
113 1,3,5-Trichlorobenzene	180	11.511	11.514	-0.003	86	33501	0.5059	
114 1,2,4-Trichlorobenzene	180	12.127	12.129	-0.002	63	30953	0.5419	
115 Hexachlorobutadiene	225	12.304	12.307	-0.003	64	16380	0.5766	
116 Naphthalene	128	12.375	12.378	-0.003	94	56348	0.4064	
117 1,2,3-Trichlorobenzene	180	12.624	12.626	-0.002	77	30695	0.5491	
118 2-Methylnaphthalene	142		13.689					
S 119 Trihalomethanes, Total	1				0		1.72	
S 120 1,2-Dichloroethene, Total	96				0		1.01	
S 121 1,3-Dichloropropene, Total	75				0		0.7038	
S 122 Xylenes, Total	106				0		1.15	
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

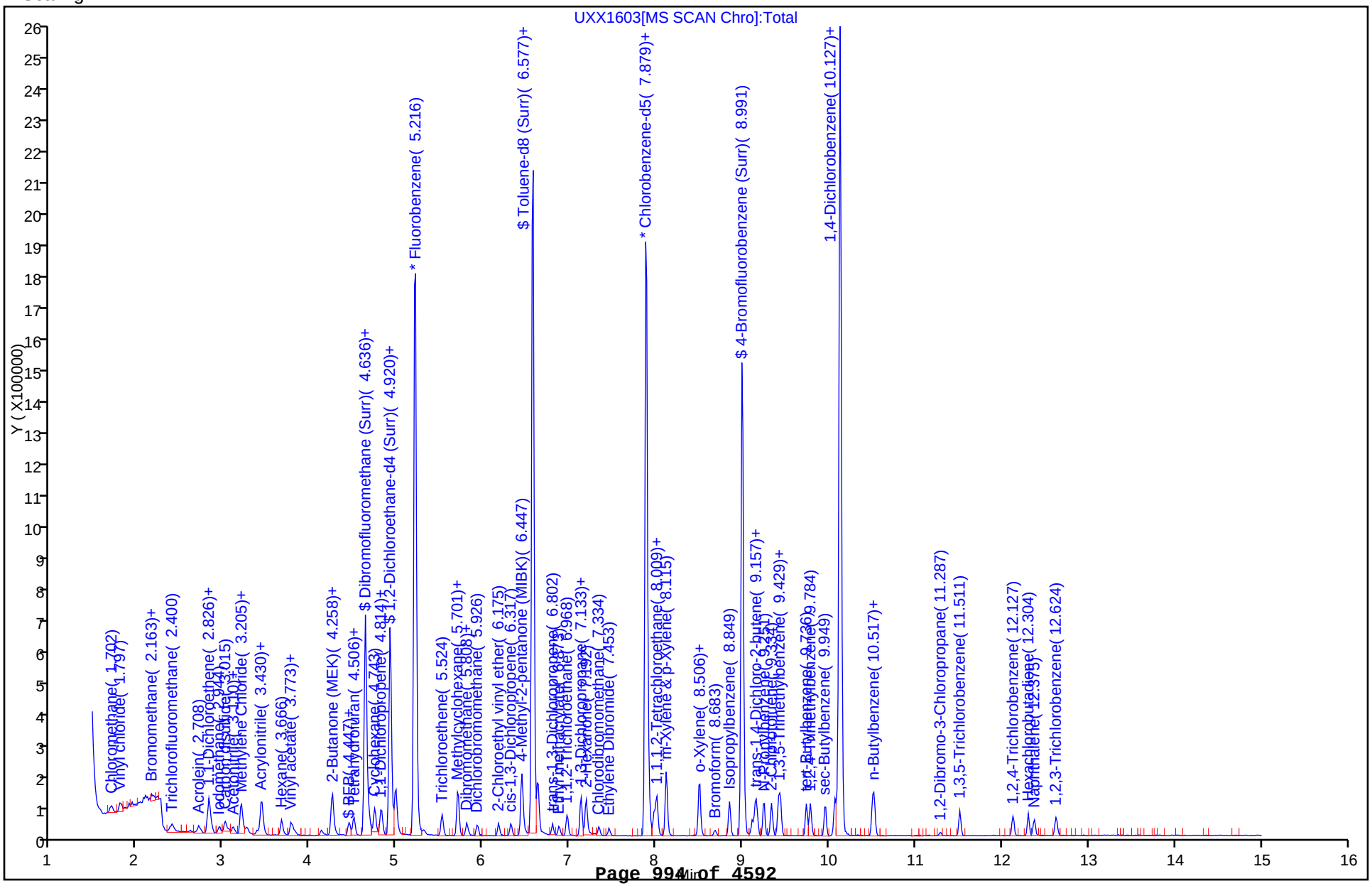
Report Date: 21-Dec-2012 08:54:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1603.D

Injection Date:	20-Dec-2012 18:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	19
Operator ID:	1904	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.: 240-18703-1

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
Cyclohexanone	Ave	0.0909	0.0174		0.0957	0.500	-80.9*	20.0
1,2,3-Trimethylbenzene	Ave	2.002	2.089		0.0261	0.0250	4.3	20.0

Report Date: 15-Dec-2012 14:27:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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	

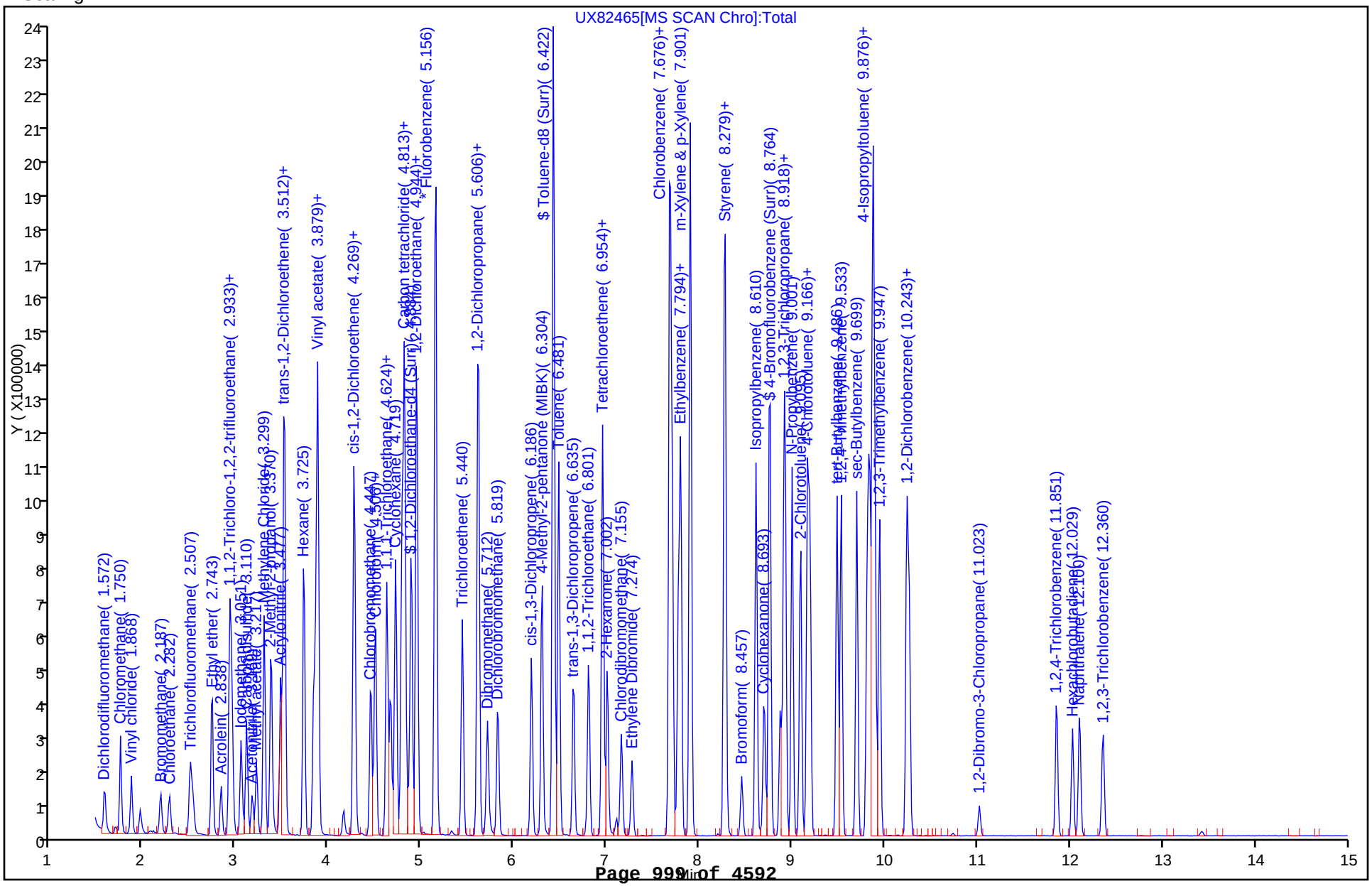
Report Date: 15-Dec-2012 14:27:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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.: 240-18703-1

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-trifluoroethane	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.: 240-18703-1

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	

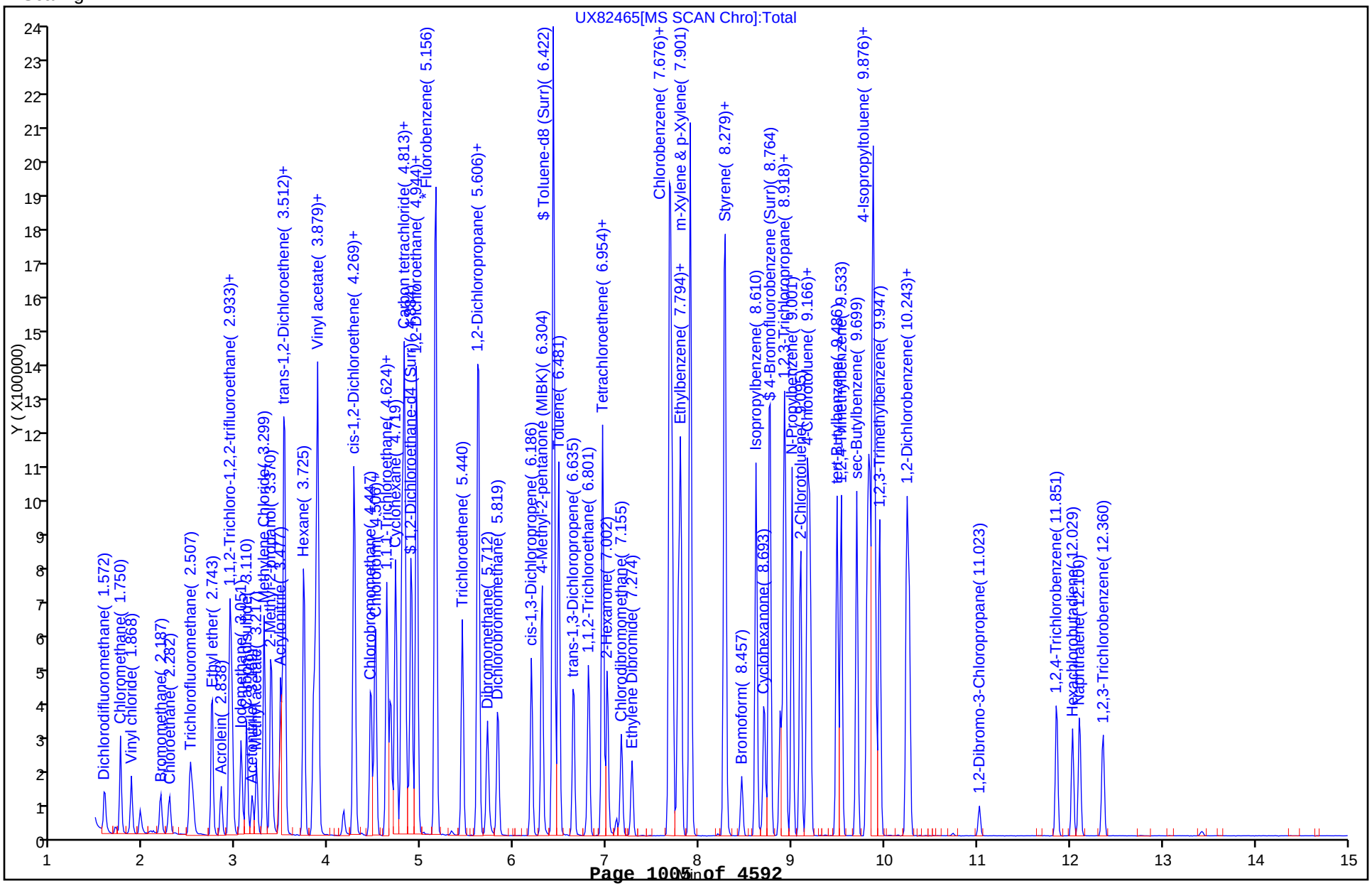
Report Date: 15-Dec-2012 14:27:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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.: 240-18703-1

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.: 240-18703-1

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	

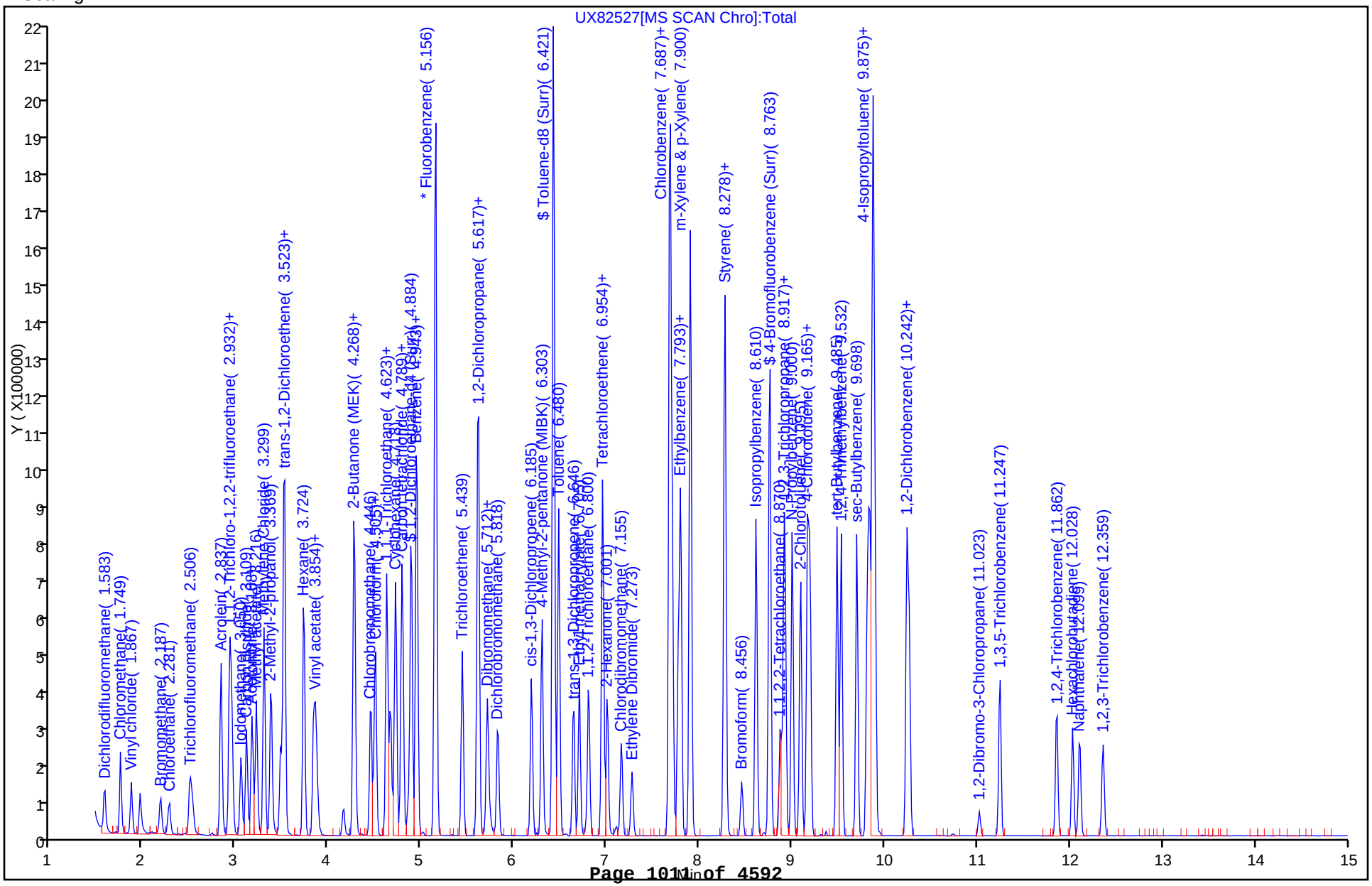
Report Date: 20-Dec-2012 03:33:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69093/4 Calibration Date: 12/17/2012 23:11

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: UX82561.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	0.1614	0.1000	0.0185	0.0200	-7.6	20.0
Chloromethane	Ave	0.3103	0.2836	0.1000	0.0183	0.0200	-8.6	20.0
Vinyl chloride	Ave	0.1917	0.1883	0.1000	0.0196	0.0200	-1.8	20.0
Bromomethane	Ave	0.1080	0.1073	0.0500	0.0199	0.0200	-0.6	20.0
Chloroethane	Ave	0.1169	0.1221	0.0500	0.0209	0.0200	4.4	20.0
Trichlorofluoromethane	Ave	0.2302	0.2590	0.1000	0.0225	0.0200	12.5	20.0
1,1-Dichloroethene	Ave	0.1598	0.1658	0.1000	0.0207	0.0200	3.7	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1433	0.1386	0.0500	0.0193	0.0200	-3.3	20.0
Acetone	Lin1		0.1453	0.0500	0.0427	0.0400	6.8	20.0
Iodomethane	Ave	0.3417	0.3419		0.0200	0.0200	0.0	20.0
Carbon disulfide	Ave	0.4724	0.4927	0.1000	0.0209	0.0200	4.3	20.0
Methyl acetate	Ave	0.3160	0.3433	0.1000	0.0434	0.0400	8.6	20.0
Methylene Chloride	Lin1		0.2664	0.1000	0.0234	0.0200	17.2	20.0
2-Methyl-2-propanol	Ave	0.0247	0.0272		0.439	0.400	9.8	20.0
Methyl tert-butyl ether	Ave	0.5904	0.6515	0.1000	0.0221	0.0200	10.3	20.0
trans-1,2-Dichloroethene	Ave	0.2039	0.2154	0.1000	0.0211	0.0200	5.6	20.0
1,1-Dichloroethane	Ave	0.3875	0.3871	0.1000	0.0200	0.0200	-0.1	20.0
Vinyl acetate	Ave	0.0452	0.0443		0.0196	0.0200	-2.1	20.0
2-Butanone (MEK)	Ave	0.1972	0.2015	0.0500	0.0409	0.0400	2.2	20.0
cis-1,2-Dichloroethene	Ave	0.2330	0.2424	0.1000	0.0208	0.0200	4.0	20.0
2,2-Dichloropropane	Ave	0.1549	0.1652		0.0213	0.0200	6.7	20.0
Bromochloromethane	Ave	0.1328	0.1366		0.0206	0.0200	2.8	20.0
Chloroform	Ave	0.3663	0.3696	0.2000	0.0202	0.0200	0.9	20.0
1,1,1-Trichloroethane	Ave	0.2708	0.2791	0.1000	0.0206	0.0200	3.1	20.0
Cyclohexane	Ave	0.4244	0.4434	0.1000	0.0209	0.0200	4.5	20.0
1,1-Dichloropropene	Ave	0.2526	0.2661		0.0211	0.0200	5.3	20.0
Carbon tetrachloride	Ave	0.2485	0.2652	0.1000	0.0213	0.0200	6.7	20.0
1,2-Dichloroethane	Ave	0.3576	0.3579	0.1000	0.0200	0.0200	0.0	20.0
Benzene	Ave	0.7826	0.8042	0.5000	0.0206	0.0200	2.8	20.0
Trichloroethene	Ave	0.2378	0.2434	0.2000	0.0205	0.0200	2.4	20.0
1,2-Dichloropropane	Ave	0.2160	0.2272	0.1000	0.0210	0.0200	5.2	20.0
Methylcyclohexane	Ave	0.3357	0.3540	0.1000	0.0211	0.0200	5.4	20.0
Dibromomethane	Ave	0.1266	0.1320		0.0209	0.0200	4.3	20.0
Bromodichloromethane	Ave	0.2429	0.2614	0.1000	0.0215	0.0200	7.6	20.0
cis-1,3-Dichloropropene	Ave	0.2656	0.2786	0.1500	0.0210	0.0200	4.9	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3505	0.3595	0.0500	0.0410	0.0400	2.6	20.0
Toluene	Ave	1.237	1.258	0.4000	0.0203	0.0200	1.7	20.0
trans-1,3-Dichloropropene	Lin1		0.3428	0.1000	0.0188	0.0200	-6.0	20.0
1,1,2-Trichloroethane	Ave	0.2592	0.2632	0.1000	0.0203	0.0200	1.5	20.0
1,3-Dichloropropane	Ave	0.4181	0.4372		0.0209	0.0200	4.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69093/4 Calibration Date: 12/17/2012 23:11

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: UX82561.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	0.2672	0.2000	0.0203	0.0200	1.6	20.0
2-Hexanone	Ave	0.3344	0.3407	0.0500	0.0408	0.0400	1.9	20.0
Dibromochloromethane	Ave	0.2847	0.2967		0.0208	0.0200	4.2	20.0
1,2-Dibromoethane	Ave	0.2544	0.2744		0.0216	0.0200	7.8	20.0
Chlorobenzene	Ave	0.8463	0.8622	0.3000	0.0204	0.0200	1.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2722	0.2947		0.0217	0.0200	8.3	20.0
Ethylbenzene	Ave	0.4263	0.4295		0.0201	0.0200	0.7	20.0
m-Xylene & p-Xylene	Ave	0.5119	0.5451		0.0426	0.0400	6.5	20.0
o-Xylene	Ave	0.4877	0.5297		0.0217	0.0200	8.6	20.0
Styrene	Ave	0.7865	0.8709	0.3000	0.0221	0.0200	10.7	20.0
Bromoform	Lin1		0.1736	0.1000	0.0192	0.0200	-4.1	20.0
Isopropylbenzene	Ave	1.238	1.351	0.1000	0.0218	0.0200	9.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5790	0.6171	0.3000	0.0213	0.0200	6.6	20.0
Bromobenzene	Ave	0.7227	0.7276		0.0201	0.0200	0.7	20.0
1,2,3-Trichloropropane	Ave	0.2237	0.2360		0.0211	0.0200	5.5	20.0
N-Propylbenzene	Ave	0.6841	0.7310		0.0214	0.0200	6.9	20.0
2-Chlorotoluene	Ave	0.6314	0.6386		0.0202	0.0200	1.1	20.0
1,3,5-Trimethylbenzene	Ave	1.981	2.082		0.0210	0.0200	5.1	20.0
4-Chlorotoluene	Ave	0.6606	0.6937		0.0210	0.0200	5.0	20.0
tert-Butylbenzene	Ave	1.885	2.048		0.0217	0.0200	8.6	20.0
1,2,4-Trimethylbenzene	Ave	1.985	2.077		0.0209	0.0200	4.6	20.0
sec-Butylbenzene	Ave	2.479	2.590		0.0209	0.0200	4.5	20.0
1,3-Dichlorobenzene	Ave	1.335	1.345	0.6000	0.0201	0.0200	0.7	20.0
4-Isopropyltoluene	Ave	2.077	2.242		0.0216	0.0200	7.9	20.0
1,4-Dichlorobenzene	Ave	1.391	1.350	0.5000	0.0194	0.0200	-3.0	20.0
n-Butylbenzene	Ave	1.715	1.831		0.0214	0.0200	6.8	20.0
1,2-Dichlorobenzene	Ave	1.253	1.245	0.4000	0.0199	0.0200	-0.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0931	0.1010	0.0500	0.0217	0.0200	8.5	20.0
1,2,4-Trichlorobenzene	Ave	0.6400	0.6656	0.2000	0.0208	0.0200	4.0	20.0
Naphthalene	Ave	1.519	1.514		0.0199	0.0200	-0.3	20.0
1,2,3-Trichlorobenzene	Qua		0.5388		0.0237	0.0200	18.5	20.0
Dibromofluoromethane (Surr)	Qua		0.2345		0.0464	0.0500	-7.1	20.0
1,2-Dichloroethane-d4 (Surr)	Qua		0.2818		0.0443	0.0500	-11.3	20.0
Toluene-d8 (Surr)	Qua		1.158		0.0456	0.0500	-8.9	20.0
4-Bromofluorobenzene (Surr)	Qua		0.4094		0.0469	0.0500	-6.2	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82561.D
Lims ID: CCVIS Client ID:
Inject. Date: 17-Dec-2012 23:11:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0015937-004
Misc. Info.: M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 69093 Lims Sample ID: 4
Sublist: chrom-8260_8*sub14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m
Last Update: 22-Dec-2012 01:45:28 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: XAWRK020

First Level Reviewer: latat Date: 18-Dec-2012 00:03:03

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.156	0.0	100	1540341	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.687	0.0	97	1097119	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.875	0.0	99	569735	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.623	0.0	59	361139	46.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.895	4.895	0.0	95	434045	44.3	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	94	1270191	45.6	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	93	449139	46.9	
12 Dichlorodifluoromethane	85	1.583	1.583	0.0	97	99470	18.5	
13 Chloromethane	50	1.749	1.749	0.0	100	174717	18.3	
14 Vinyl chloride	62	1.867	1.867	0.0	97	116014	19.6	
15 Bromomethane	94	2.187	2.187	0.0	91	66113	19.9	
16 Chloroethane	64	2.281	2.281	0.0	90	75217	20.9	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	96	159570	22.5	
20 Acrolein	56	2.837	2.837	0.0	93	321161	183.9	
21 1,1-Dichloroethene	96	2.932	2.932	0.0	96	102123	20.7	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.944	0.0	88	85369	19.3	
22 Acetone	43	2.956	2.956	0.0	97	179065	42.7	
24 Iodomethane	142	3.050	3.050	0.0	99	210668	20.0	
26 Carbon disulfide	76	3.109	3.109	0.0	99	303569	20.9	
27 Acetonitrile	41	3.169	3.169	0.0	99	323084	197.8	
28 Methyl acetate	43	3.216	3.216	0.0	98	422983	43.4	
30 Methylene Chloride	84	3.299	3.299	0.0	93	164163	23.4	
31 2-Methyl-2-propanol	59	3.381	3.381	0.0	93	334578	439.3	
32 Acrylonitrile	53	3.476	3.476	0.0	97	173577	43.1	
34 Methyl tert-butyl ether	73	3.523	3.523	0.0	88	401416	22.1	
33 trans-1,2-Dichloroethene	96	3.523	3.523	0.0	65	132709	21.1	
35 Hexane	86	3.736	3.736	0.0	96	36074	20.9	
36 1,1-Dichloroethane	63	3.843	3.843	0.0	97	238489	20.0	
37 Vinyl acetate	86	3.866	3.866	0.0	97	27275	19.6	

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	86	149366	20.8	
41 2-Butanone (MEK)	43	4.269	4.269	0.0	97	248329	40.9	
43 2,2-Dichloropropane	77	4.280	4.280	0.0	79	101757	21.3	
47 Chlorobromomethane	128	4.458	4.458	0.0	93	84136	20.6	
48 Tetrahydrofuran	42	4.493	4.493	0.0	88	77938	21.2	
49 Chloroform	83	4.505	4.505	0.0	96	227696	20.2	
50 1,1,1-Trichloroethane	97	4.671	4.671	0.0	93	171974	20.6	
51 Cyclohexane	56	4.718	4.718	0.0	96	273190	20.9	
52 1,1-Dichloropropene	75	4.789	4.789	0.0	83	163978	21.1	
53 Carbon tetrachloride	117	4.801	4.801	0.0	87	163406	21.3	
56 1,2-Dichloroethane	62	4.943	4.943	0.0	60	220485	20.0	
55 Benzene	78	4.955	4.955	0.0	93	495506	20.6	
60 Trichloroethene	130	5.440	5.440	0.0	93	149947	20.5	
62 1,2-Dichloropropane	63	5.617	5.617	0.0	87	139993	21.0	
63 Methylcyclohexane	83	5.617	5.617	0.0	90	218093	21.1	
65 Dibromomethane	93	5.712	5.712	0.0	87	81322	20.9	
66 1,4-Dioxane	88	5.712	5.712	0.0	77	75219	1055.8	
67 Dichlorobromomethane	83	5.830	5.830	0.0	96	161033	21.5	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.185	0.0	79	171658	21.0	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.303	0.0	98	442960	41.0	
72 Toluene	91	6.481	6.481	0.0	96	552190	20.3	
73 trans-1,3-Dichloropropene	75	6.646	6.646	0.0	95	150432	18.8	
74 Ethyl methacrylate	69	6.705	6.705	0.0	90	166631	22.6	
75 1,1,2-Trichloroethane	97	6.800	6.800	0.0	88	115487	20.3	
76 1,3-Dichloropropane	76	6.954	6.954	0.0	93	191855	20.9	
77 Tetrachloroethene	164	6.965	6.965	0.0	96	117237	20.3	
78 2-Hexanone	43	7.001	7.001	0.0	97	299063	40.8	
79 Chlorodibromomethane	129	7.167	7.167	0.0	88	130222	20.8	
123 Ethylene Dibromide	107	7.273	7.273	0.0	98	120418	21.6	
82 Chlorobenzene	112	7.711	7.711	0.0	93	378368	20.4	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.770	0.0	89	129347	21.7	
84 Ethylbenzene	106	7.805	7.805	0.0	98	188471	20.1	
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	99	478426	42.6	
86 Styrene	104	8.278	8.278	0.0	88	382185	22.1	
85 o-Xylene	106	8.278	8.278	0.0	86	232461	21.7	
87 Bromoform	173	8.456	8.456	0.0	95	76202	19.2	
88 Isopropylbenzene	105	8.610	8.610	0.0	96	592791	21.8	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.870	0.0	80	140626	21.3	
91 Bromobenzene	156	8.917	8.917	0.0	85	165825	20.1	
92 1,2,3-Trichloropropane	110	8.929	8.929	0.0	80	53779	21.1	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.929	0.0	68	57460	20.4	
94 N-Propylbenzene	120	9.000	9.000	0.0	98	166598	21.4	
95 2-Chlorotoluene	126	9.095	9.095	0.0	97	145528	20.2	
96 1,3,5-Trimethylbenzene	105	9.166	9.166	0.0	83	474481	21.0	
104 4-Chlorotoluene	126	9.201	9.201	0.0	96	158086	21.0	
97 tert-Butylbenzene	119	9.485	9.485	0.0	93	466774	21.7	
98 1,2,4-Trimethylbenzene	105	9.532	9.532	0.0	76	473251	20.9	
99 sec-Butylbenzene	105	9.698	9.698	0.0	94	590176	20.9	
100 1,3-Dichlorobenzene	146	9.816	9.816	0.0	84	306490	20.1	
101 4-Isopropyltoluene	119	9.840	9.840	0.0	91	510933	21.6	
102 1,4-Dichlorobenzene	146	9.899	9.899	0.0	92	307644	19.4	

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	417359	21.4	
106 1,2-Dichlorobenzene	146	10.266	10.266	0.0	98	283739	19.9	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.023	0.0	60	23014	21.7	
108 1,3,5-Trichlorobenzene	180	11.247	11.247	0.0	93	178520	20.5	
109 1,2,4-Trichlorobenzene	180	11.862	11.862	0.0	94	151692	20.8	
110 Hexachlorobutadiene	225	12.028	12.028	0.0	93	66805	26.0	
111 Naphthalene	128	12.111	12.111	0.0	96	345031	19.9	
112 1,2,3-Trichlorobenzene	180	12.359	12.359	0.0	96	122788	23.7	
S 136 Trihalomethanes, Total	1				0		81.7	
S 11 1,2-Dichloroethene, Total	96				0		41.9	
S 9 1,3-Dichloropropene, Total	75				0		39.8	
S 114 Xylenes, Total	106				0		64.3	

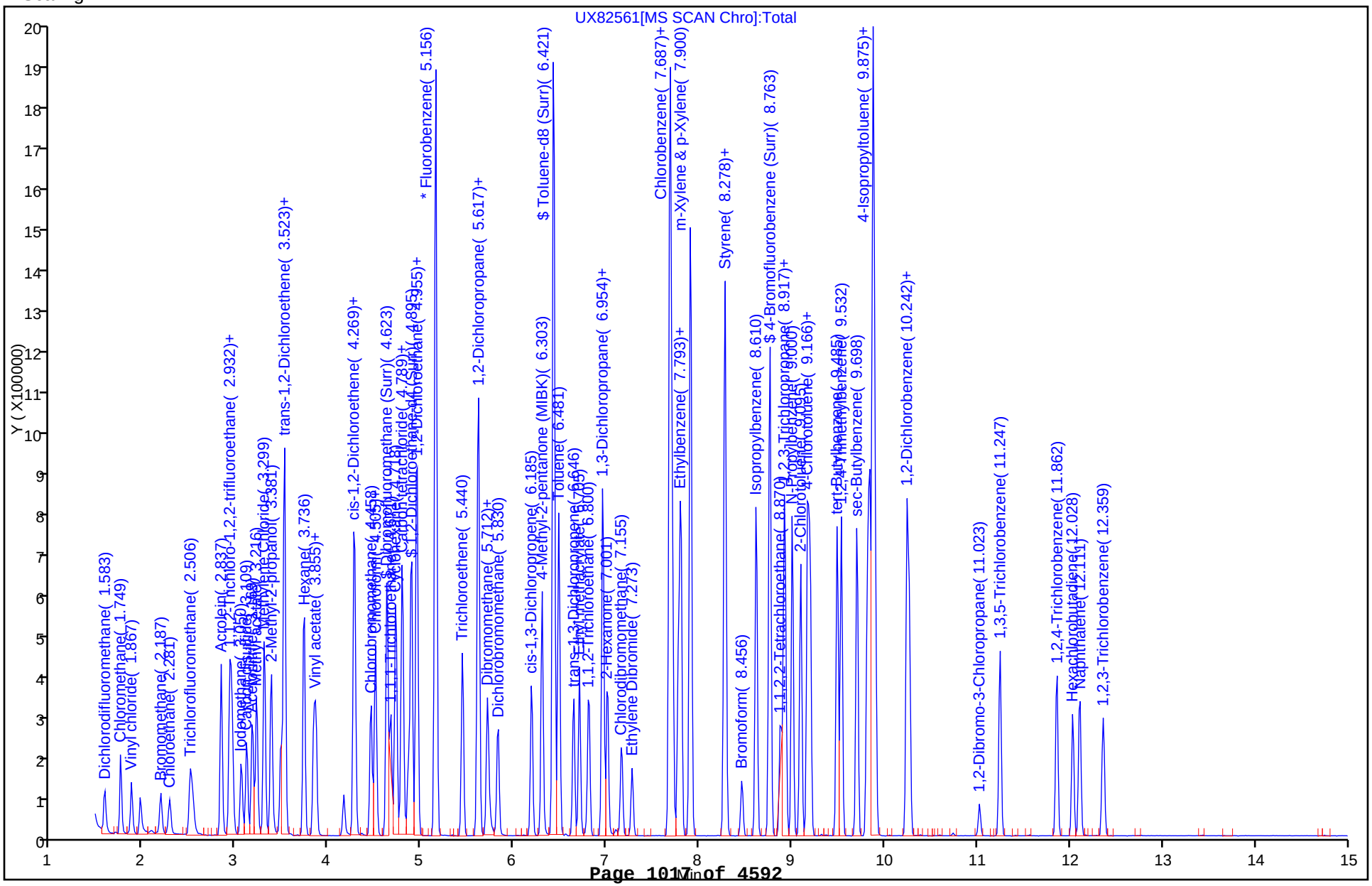
Report Date: 22-Dec-2012 01:45:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82561.D

Injection Date:	17-Dec-2012 23:11:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	69093	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\A3UX10\20121214-15869.b\BFB5078.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	14-Dec-2012 15:04:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:			
Misc. Info.:	P21214A-IC,BFBUX10,,1904 =P21214A-IC,BFBUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	7
Lims Batch ID:	68811	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121214-15869.b\8260_10.m		
Last Update:	17-Dec-2012 09:35:31	Calib Date:	14-Dec-2012 19:27:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: quayler		Date:	14-Dec-2012 16:54:04

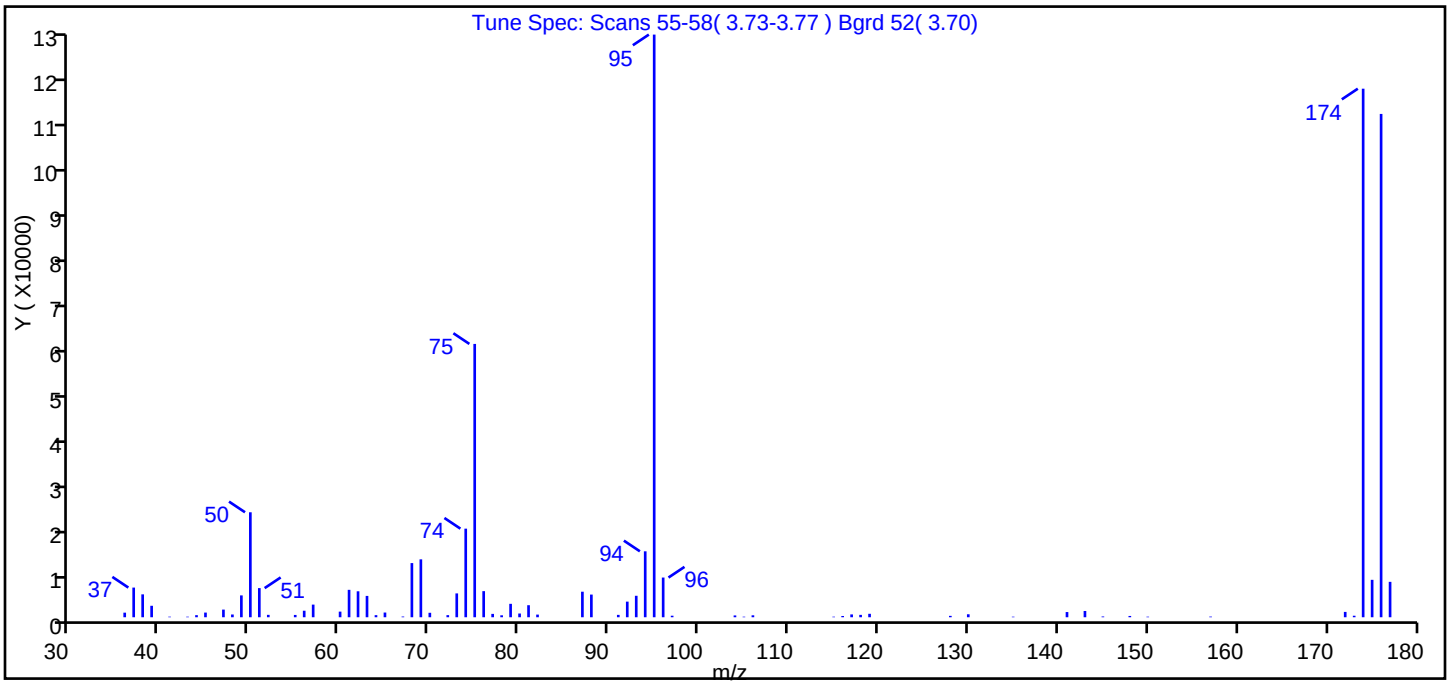
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.756	3.756	0.0	0	480518	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20121214-15869.b\BFB5078.D		
Injection Date:	14-Dec-2012 15:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	68811	Lims Sample ID:	1
Operator ID:	1904	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	18.02
75	30.00 - 60.00% of mass 95	46.91
96	5.00 - 9.00% of mass 95	6.82
173	Less than 2.00% of mass 174	0.26 (0.29)
174	Greater than 50.00% of mass 95	90.71
175	5.00 - 9.00% of mass 174	6.42 (7.08)
176	95.00 - 101.00% of mass 174	86.38 (95.23)
177	5.00 - 9.00% of mass 176	6.08 (7.04)

Data File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\BFB5078.D\8260_10.rslt\spectra.d
Injection Date: 14-Dec-2012 15:04:30
Spectrum: Tune Spec: Scans 55-58(3.73-3.77) Bgrd 52(3.70)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1000	61.00	5972	81.00	2623	119.00	753
37.00	6462	62.00	5656	82.00	580	128.00	304
38.00	4988	63.00	4648	87.00	5564	130.00	650
39.00	2499	64.00	458	88.00	4940	135.00	125
41.00	129	65.00	1028	91.00	520	141.00	1134
43.00	125	67.00	160	92.00	3402	143.00	1365
44.00	457	68.00	11797	93.00	4676	145.00	171
45.00	1019	69.00	12612	94.00	14361	148.00	283
47.00	1669	70.00	974	95.00	126896	150.00	127
48.00	603	72.00	461	96.00	8649	157.00	147
49.00	4761	73.00	5194	97.00	335	172.00	1165
50.00	22864	74.00	19296	104.00	396	173.00	331
51.00	6347	75.00	59528	105.00	125	174.00	115112
52.00	525	76.00	5687	106.00	426	175.00	8151
55.00	504	77.00	734	115.00	126	176.00	109616
56.00	1423	78.00	425	116.00	275	177.00	7712
57.00	2756	79.00	2924	117.00	619		
60.00	1226	80.00	815	118.00	520		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121220-16059.b\BFB5089.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	20-Dec-2012 10:51:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:			
Misc. Info.:	P21220A,BFBUX10,,1904 =P21220A,BFBUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	4
Lims Batch ID:	69591	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m		
Last Update:	21-Dec-2012 08:34:44	Calib Date:	14-Dec-2012 19:27:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK018		
First Level Reviewer: quayler		Date:	20-Dec-2012 10:59:33

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.747	3.747	0.0	0	655213	0	

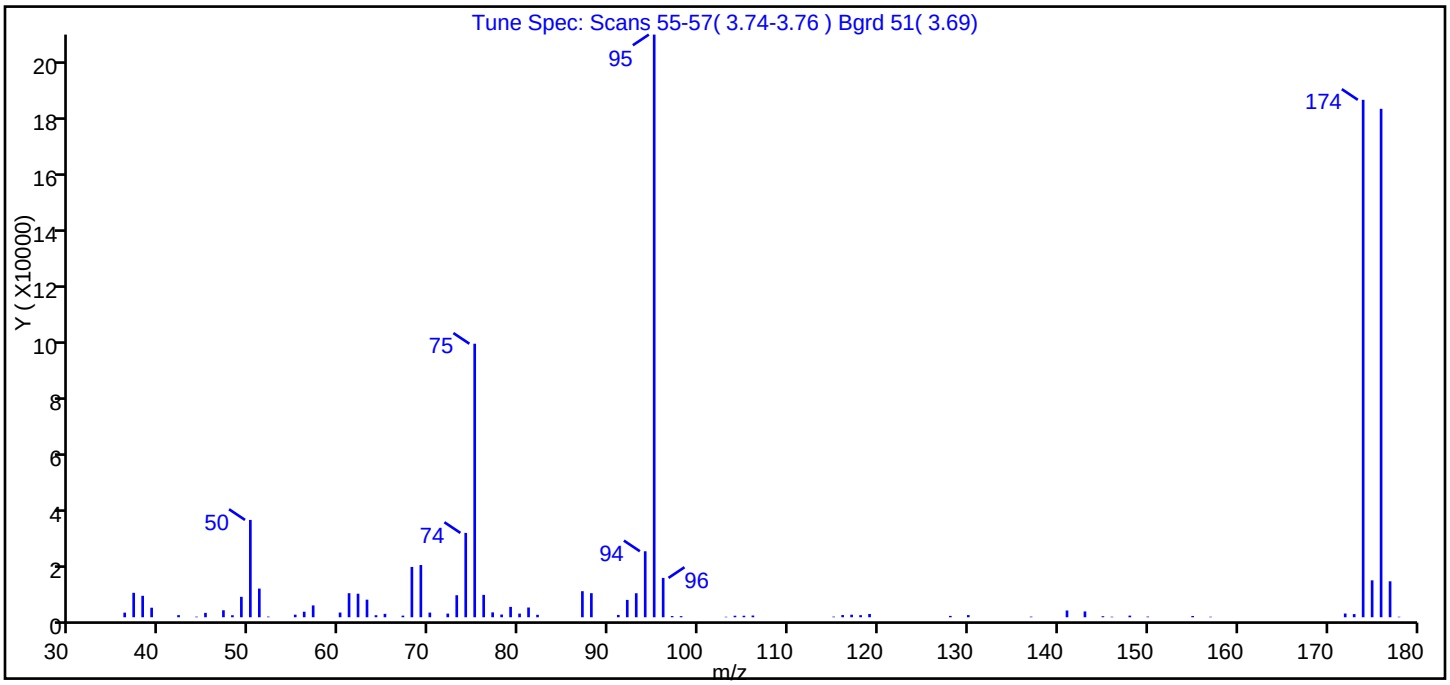
Report Date: 21-Dec-2012 08:34:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20121220-16059.b\BFB5089.D		
Injection Date:	20-Dec-2012 10:51:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	1
Operator ID:	1904	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	16.71
75	30.00 - 60.00% of mass 95	46.94
96	5.00 - 9.00% of mass 95	6.75
173	Less than 2.00% of mass 174	0.54 (0.61)
174	Greater than 50.00% of mass 95	88.80
175	5.00 - 9.00% of mass 174	6.34 (7.14)
176	95.00 - 101.00% of mass 174	87.26 (98.26)
177	5.00 - 9.00% of mass 176	6.17 (7.07)

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\BFB5089.D\8260_10.rslt\spectra.d
Injection Date: 20-Dec-2012 10:51:30
Spectrum: Tune Spec: Scans 55-57(3.74-3.76) Bgrd 51(3.69)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 74

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1611	63.00	6123	88.00	8385	130.00	752
37.00	8516	64.00	713	91.00	803	137.00	220
38.00	7472	65.00	1189	92.00	6040	141.00	2354
39.00	3324	67.00	569	93.00	8364	143.00	2029
42.00	735	68.00	17520	94.00	22984	145.00	365
44.00	214	69.00	18192	95.00	202944	146.00	188
45.00	1531	70.00	1625	96.00	13707	148.00	568
47.00	2436	72.00	1276	97.00	415	150.00	234
48.00	703	73.00	7674	98.00	384	155.00	445
49.00	7112	74.00	29376	103.00	168	157.00	182
50.00	33904	75.00	95272	104.00	532	172.00	1294
51.00	9985	76.00	7797	105.00	528	173.00	1106
52.00	233	77.00	1702	106.00	602	174.00	180224
55.00	899	78.00	953	115.00	224	175.00	12861
56.00	1931	79.00	3610	116.00	767	176.00	177088
57.00	4121	80.00	1273	117.00	888	177.00	12524
60.00	1637	81.00	3392	118.00	729	178.00	177
61.00	8377	82.00	852	119.00	1140		
62.00	8206	87.00	9077	128.00	477		

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

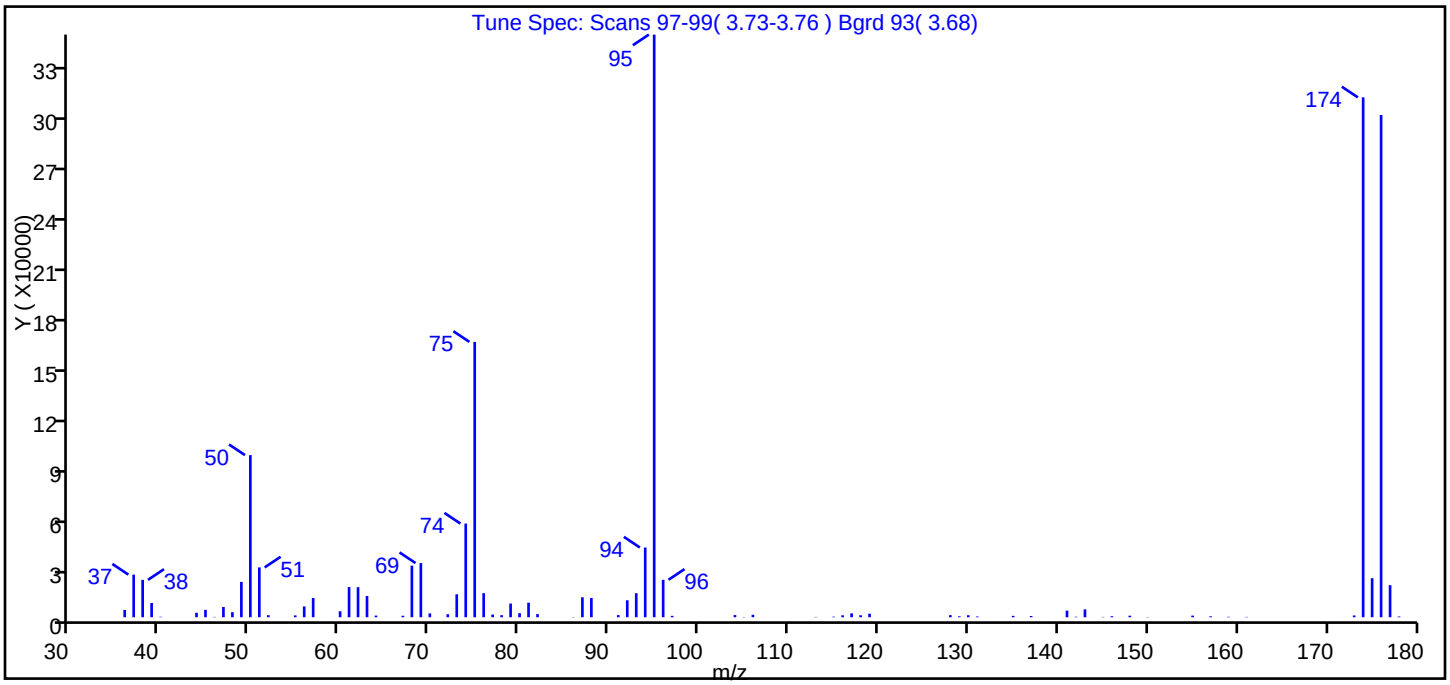
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.744	3.744	0.0	0	1012415	0	

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

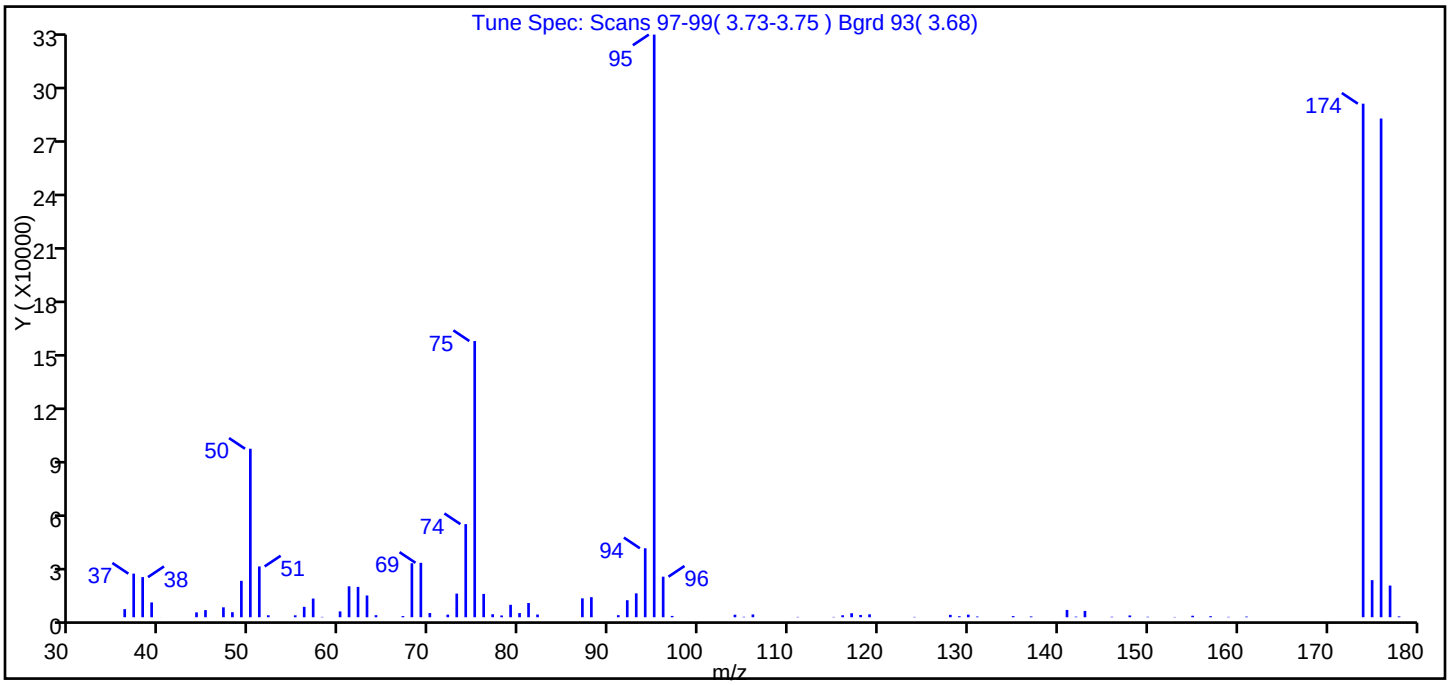
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.743	3.743	0.0	0	947808	0	

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	

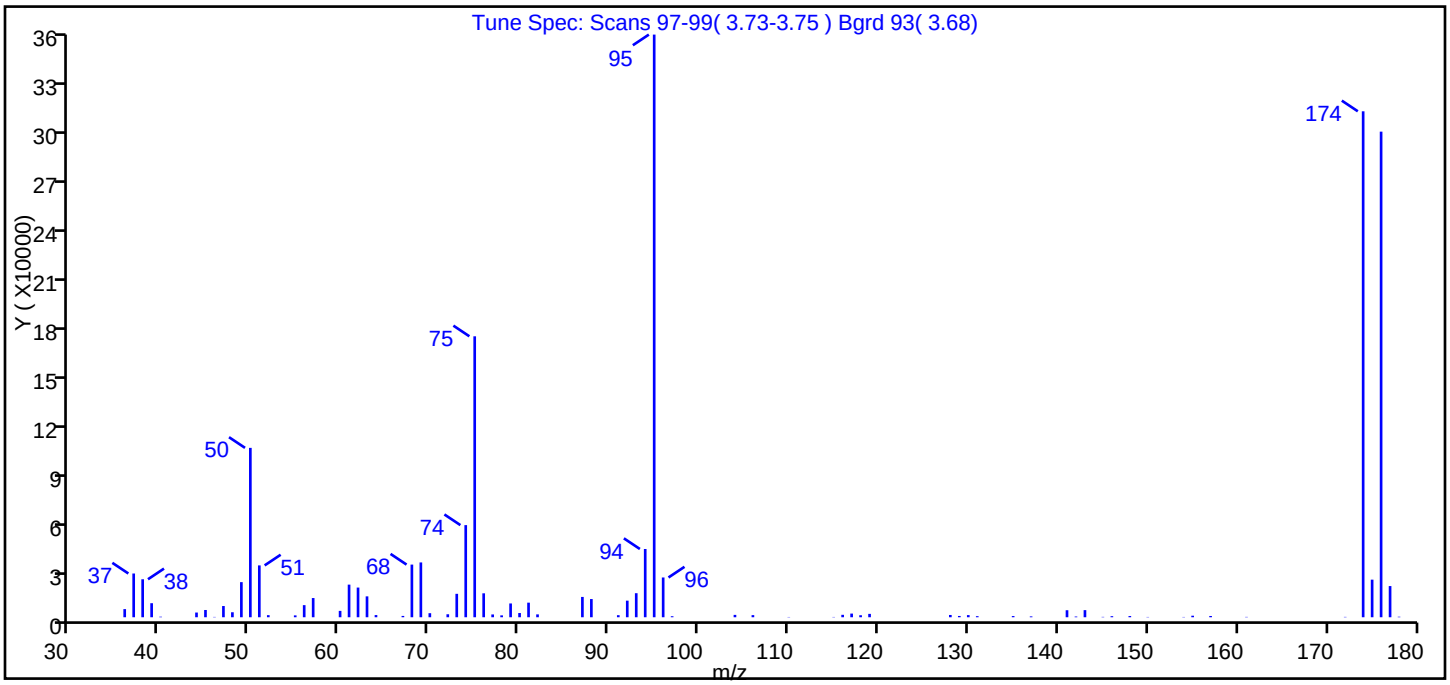
Report Date: 20-Dec-2012 03:33:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

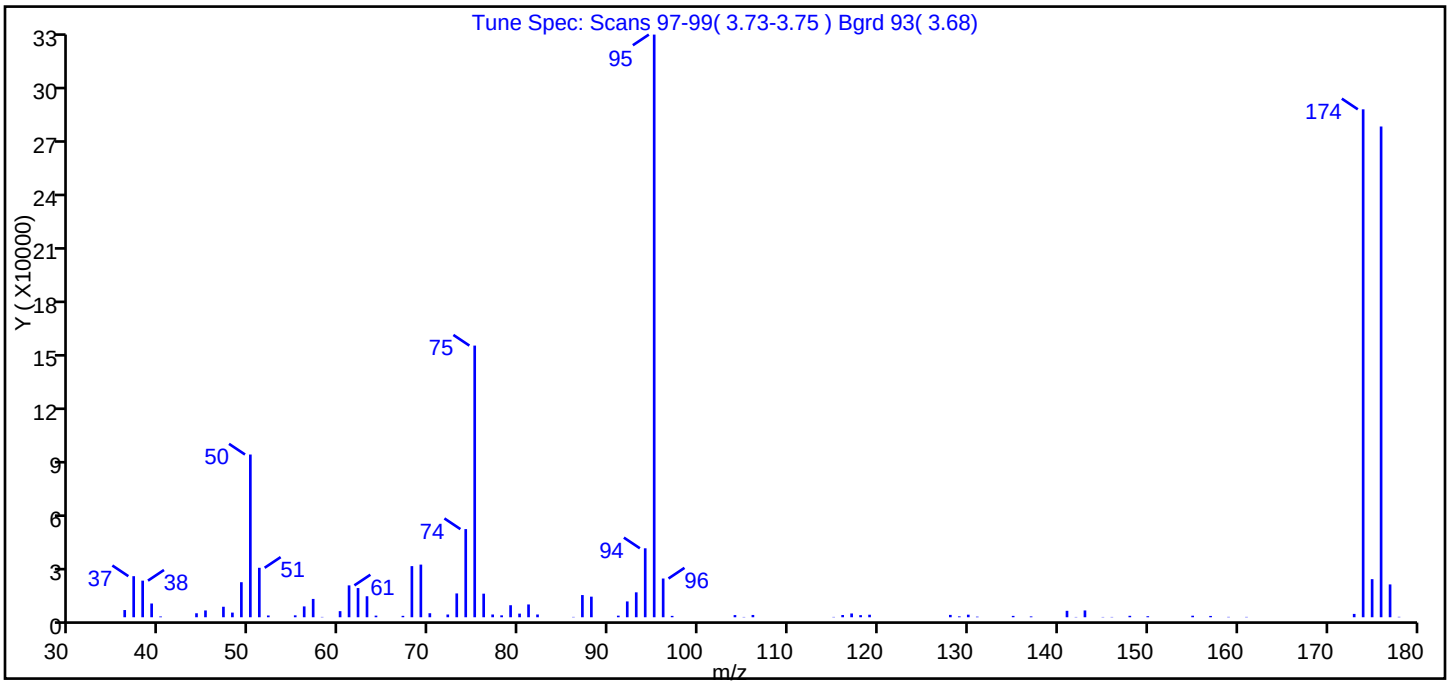
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.743	3.743	0.0	0	909747	0	

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)

Report Date: 22-Dec-2012 01:45:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

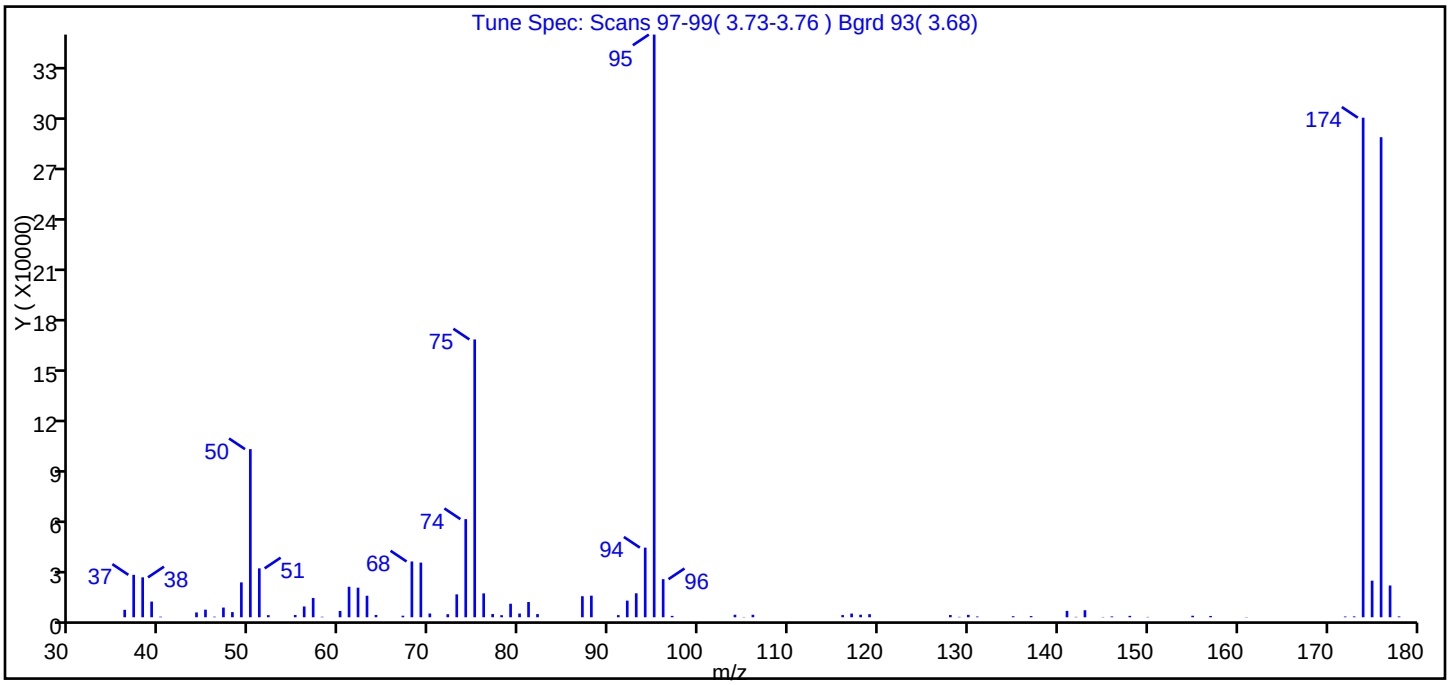
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.744	3.744	0.0	0	874116	0	

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)

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.: 240-18703-1

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
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	2.37	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)	1.41	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	1.73	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.: 240-18703-1

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.	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

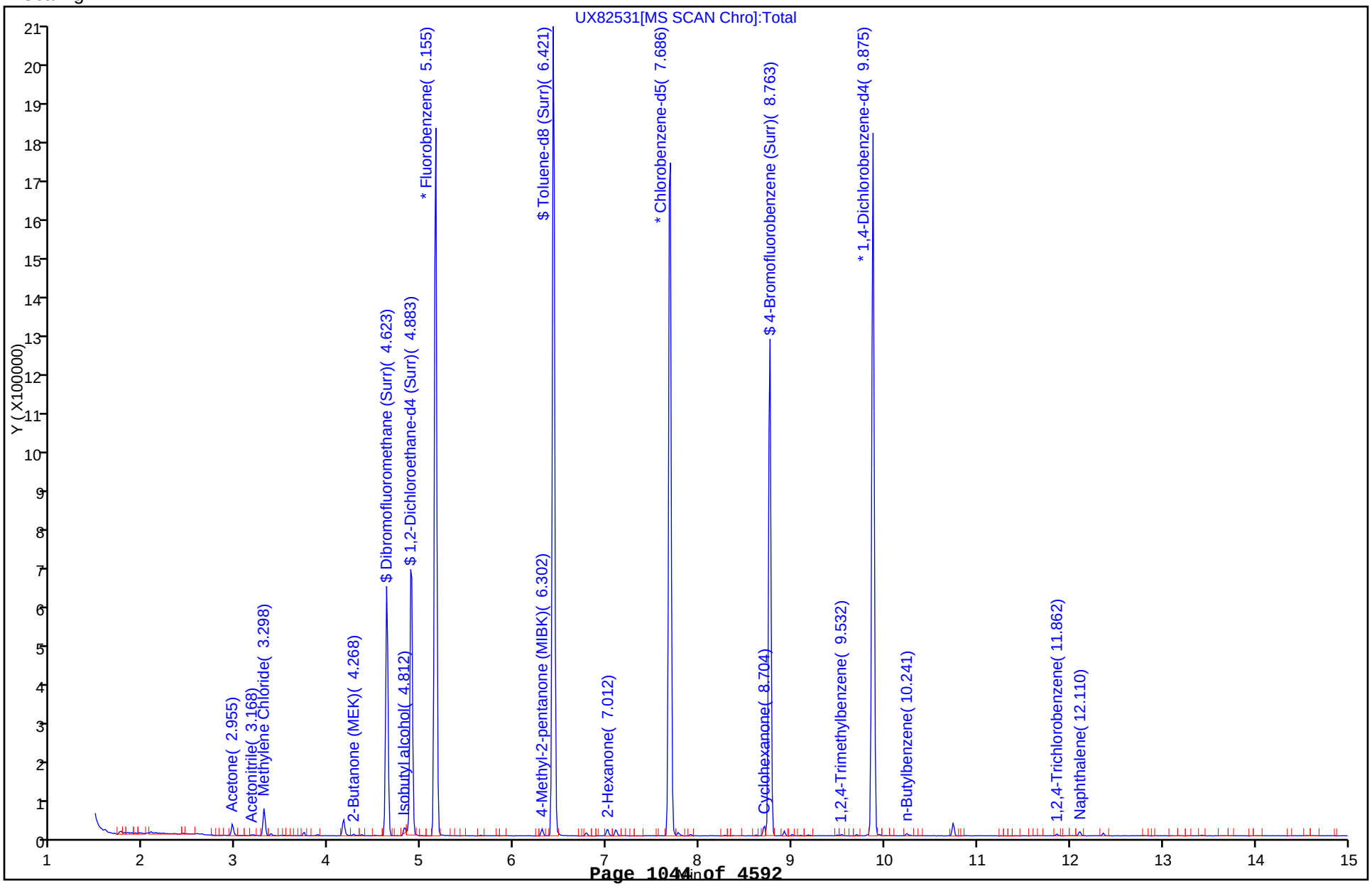
Report Date: 20-Dec-2012 03:33:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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:



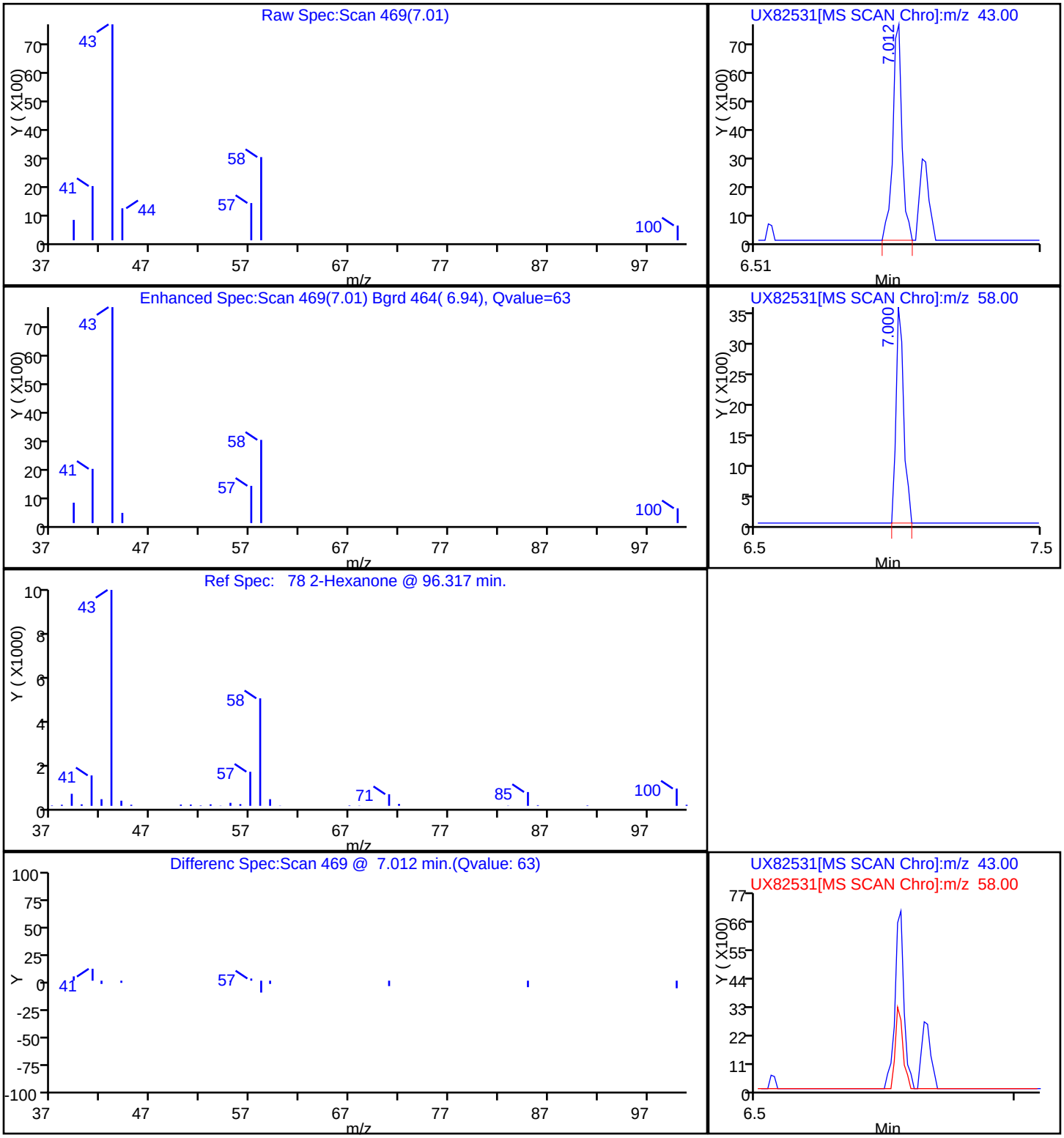
Report Date: 20-Dec-2012 03:33:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

78 2-Hexanone



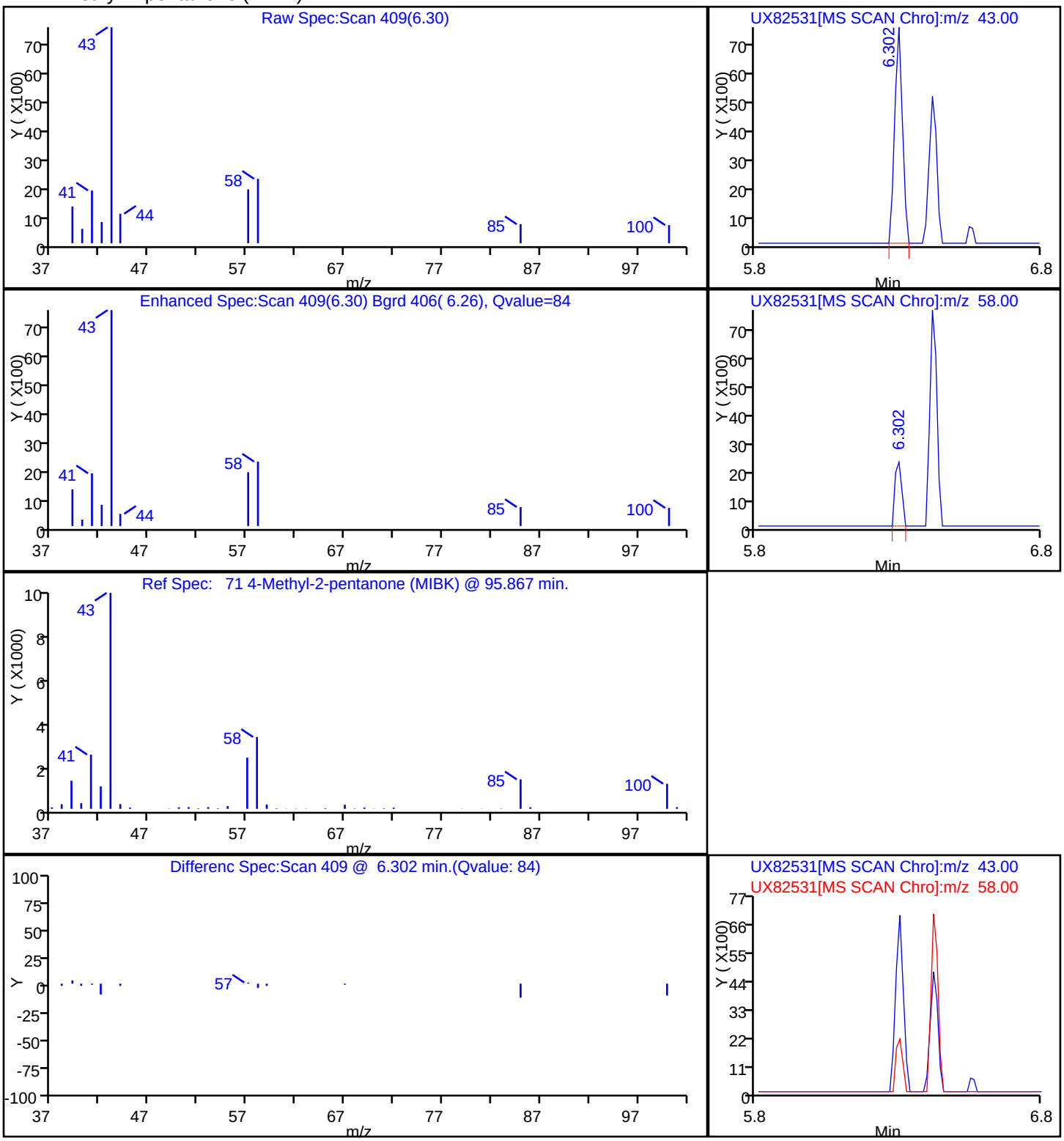
Report Date: 20-Dec-2012 03:33:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

71 4-Methyl-2-pentanone (MIBK)



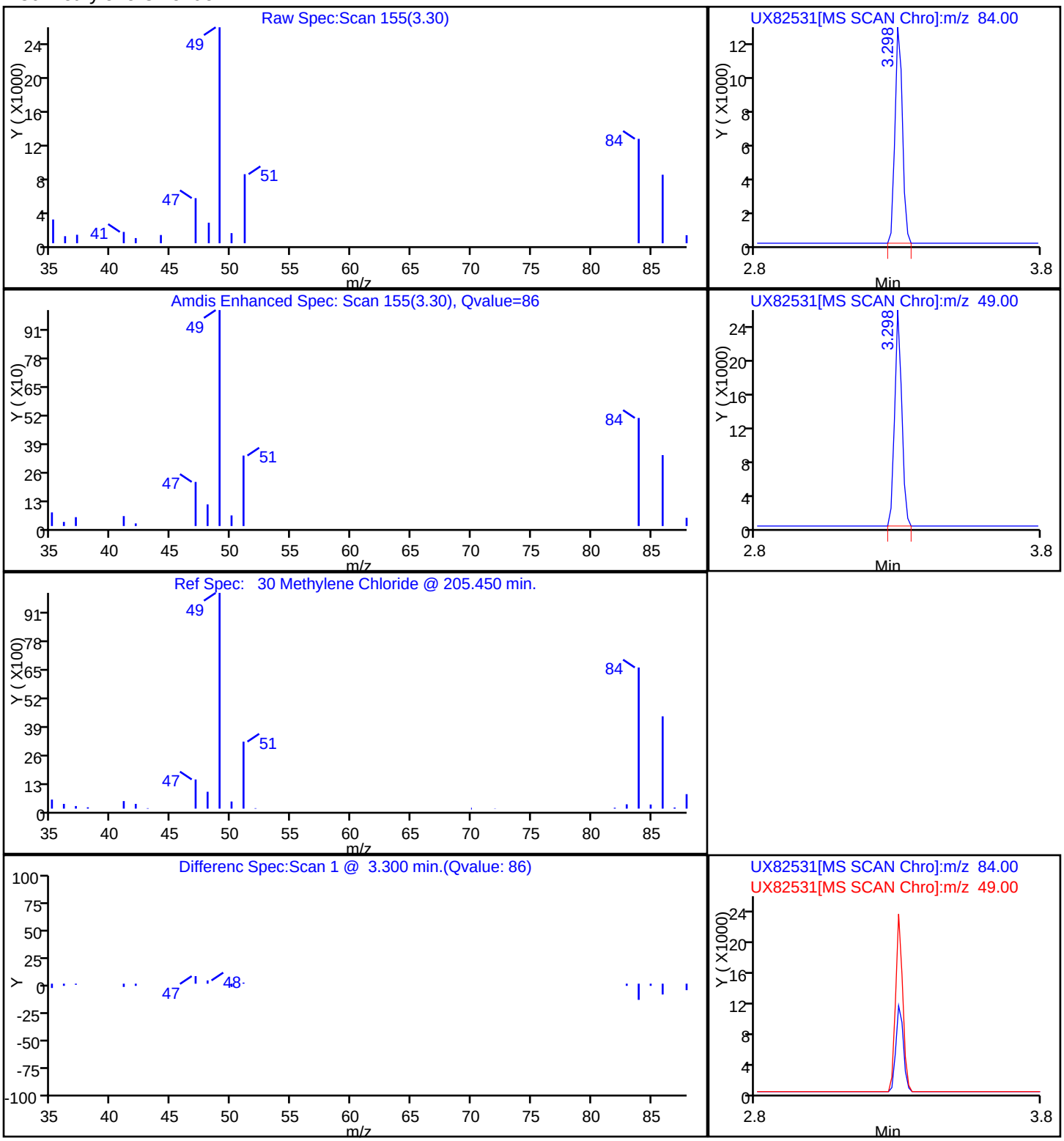
Report Date: 20-Dec-2012 03:33:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

30 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69093/8

Matrix: Solid | Lab File ID: UX82565.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/18/2012 00:37

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.: 69093 | 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)	88		61-130
2037-26-5	Toluene-d8 (Surr)	98		85-115
460-00-4	4-Bromofluorobenzene (Surr)	95		85-120
1868-53-7	Dibromofluoromethane (Surr)	93		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82565.D
Lims ID: MB Client ID:
Inject. Date: 18-Dec-2012 00:37:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015937-008
Misc. Info.: M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 69093 Lims Sample ID: 8
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m
Last Update: 22-Dec-2012 01:45:29 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: XAWRK020

First Level Reviewer: latat Date: 18-Dec-2012 01:19:08

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.159	5.156	0.003	100	1509089	50.0	
* 2 Chlorobenzene-d5	117	7.678	7.687	-0.009	91	1060338	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.878	9.875	0.003	99	518391	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.623	0.003	58	355483	46.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.886	4.895	-0.009	92	423195	44.1	
$ 7 Toluene-d8 (Surr)	98	6.424	6.421	0.003	94	1301959	48.9	
$ 131 4-Bromofluorobenzene (Surr)	95	8.754	8.763	-0.009	93	437922	47.4	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.583					
13 Chloromethane	50		1.749					
14 Vinyl chloride	62		1.867					
15 Bromomethane	94		2.187					
16 Chloroethane	64		2.281					
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101		2.506					
19 Ethyl ether	59		2.743					
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	91	41595	5.62	
24 Iodomethane	142		3.050					
26 Carbon disulfide	76		3.109					
27 Acetonitrile	41		3.169					9
28 Methyl acetate	43		3.216					9
29 3-Chloro-1-propene	76		3.216					
30 Methylene Chloride	84	3.301	3.299	0.002	90	23348	1.80	
31 2-Methyl-2-propanol	59		3.381					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		3.843					
37 Vinyl acetate	86		3.866					
38 Isopropyl ether	87		3.878					
39 2-Chloro-1,3-butadiene	53		3.914					
40 Tert-butyl ethyl ether	59		4.150					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		4.304					9
44 Propionitrile	54		4.304					
46 Methacrylonitrile	41		4.434					
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	4.825	-0.009	58	10561	27.3	
56 1,2-Dichloroethane	62		4.943					
55 Benzene	78		4.955					
57 Tert-amyl methyl ether	73		5.014					
58 n-Heptane	100		5.132					
59 n-Butanol	56		5.321					
60 Trichloroethene	130		5.440					
61 Ethyl acrylate	55		5.487					
62 1,2-Dichloropropane	63		5.617					
63 Methylcyclohexane	83		5.617					
64 Methyl methacrylate	41		5.676					9
65 Dibromomethane	93		5.712					
66 1,4-Dioxane	88		5.712					
67 Dichlorobromomethane	83		5.830					
68 2-Nitropropane	41		5.996					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75		6.185					
71 4-Methyl-2-pentanone (MIBK)	43	6.306	6.303	0.003	71	11971	1.13	
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		6.965					
78 2-Hexanone	43	7.004	7.001	0.003	63	13975	1.97	
132 n-Butyl acetate	43		7.108					19
79 Chlorodibromomethane	129		7.167					
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		7.805					9
10 m-Xylene & p-Xylene	106		7.900					9
86 Styrene	104		8.278					9
85 o-Xylene	106		8.278					
87 Bromoform	173		8.456					
88 Isopropylbenzene	105		8.610					9
89 Cyclohexanone	55	8.707	8.704	0.003	70	14870	7.72	
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		9.166					9
104 4-Chlorotoluene	126		9.201					
97 tert-Butylbenzene	119		9.485					9
98 1,2,4-Trimethylbenzene	105	9.523	9.532	-0.009	1	3168	0.1539	
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		9.946					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	11.865	11.862	0.003	1	2954	0.4452	
110 Hexachlorobutadiene	225		12.028					
111 Naphthalene	128	12.102	12.111	-0.009	9	13905	0.8831	
112 1,2,3-Trichlorobenzene	180		12.359					9
113 2-Methylnaphthalene	142		13.424					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

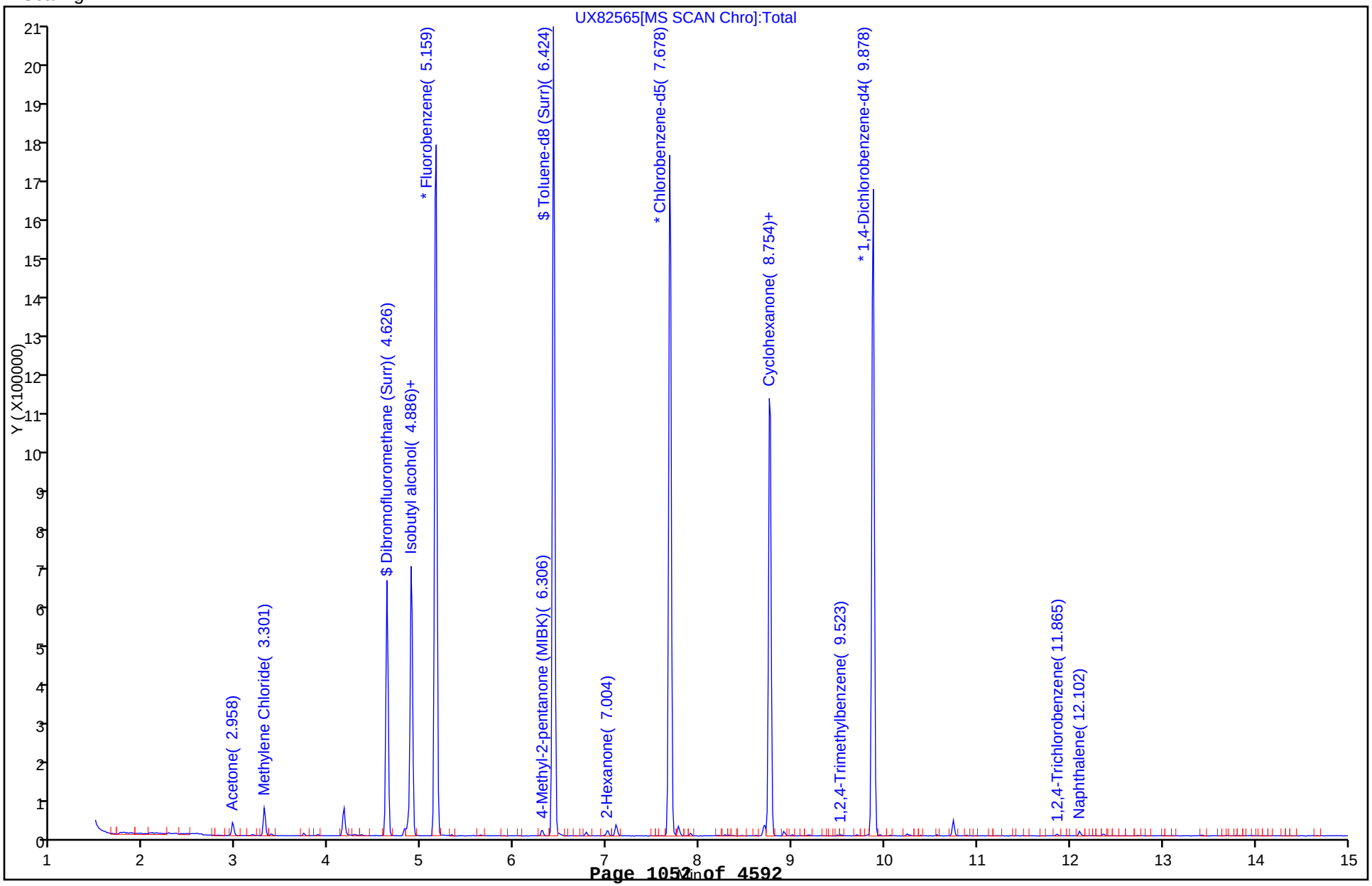
Report Date: 22-Dec-2012 01:45:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82565.D

Injection Date:	18-Dec-2012 00:37:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	8
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.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69591/6

Matrix: Water Lab File ID: UXX1590.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 13:05

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.: 69591 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	0.50	U	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.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69591/6

Matrix: Water Lab File ID: UXX1590.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 13:05

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.: 69591 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-120
2037-26-5	Toluene-d8 (Surr)	95		85-120
460-00-4	4-Bromofluorobenzene (Surr)	91		75-120
1868-53-7	Dibromofluoromethane (Surr)	99		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1590.D
Lims ID: MB Client ID:
Inject. Date: 20-Dec-2012 13:05:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016059-006
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 69591 Lims Sample ID: 6
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: quayler Date: 21-Dec-2012 07:40:21

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.216	5.204	0.012	100	2063755	10.0	
* 2 Chlorobenzene-d5	117	7.890	7.879	0.011	83	1478307	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	92	841736	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.639	-0.003	59	478064	9.90	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.003	0	515762	9.15	
$ 7 Toluene-d8 (Surr)	98	6.576	6.568	0.008	92	1819305	9.50	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	97	613288	9.11	
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
12 Dichlorodifluoromethane	85		1.562					
13 Chloromethane	50		1.693					
14 Vinyl chloride	62		1.799					
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94		2.095					
17 Chloroethane	64		2.178					
18 Dichlorofluoromethane	67		2.329					
19 Trichlorofluoromethane	101		2.391					
20 Ethyl ether	59		2.613					9
21 Acrolein	56		2.710					9
23 1,1-Dichloroethene	96		2.817					9
25 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.829					
24 Acetone	43	2.825	2.829	-0.004	88	14174	0.2711	
22 Methylal	45		2.851					9
26 Iodomethane	142		2.947					
27 Carbon disulfide	76		3.006					
28 Acetonitrile	41		3.053					
30 Methyl acetate	43		3.101					9
29 3-Chloro-1-propene	76		3.110					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 Methylene Chloride	84		3.195					
32 2-Methyl-2-propanol	59		3.266					9
33 Acrylonitrile	53		3.385					
34 trans-1,2-Dichloroethene	96		3.432					
35 Methyl tert-butyl ether	73		3.432					
36 Hexane	86		3.669					
37 1,1-Dichloroethane	63		3.775					
38 Vinyl acetate	86		3.799					
39 Isopropyl ether	87		3.832					
40 2-Chloro-1,3-butadiene	53		3.856					
41 Tert-butyl ethyl ether	59		4.128					
43 cis-1,2-Dichloroethene	96		4.248					
42 2-Butanone (MEK)	43		4.248					
44 2,2-Dichloropropane	77		4.260					
45 Propionitrile	54		4.293					
46 Ethyl acetate	43		4.293					9
47 Methacrylonitrile	41		4.424					
48 Chlorobromomethane	128		4.450					
50 Chloroform	83		4.497					
49 Tetrahydrofuran	42		4.497					
51 1,1,1-Trichloroethane	97		4.686					
52 Cyclohexane	56		4.745					
53 1,1-Dichloropropene	75		4.816					
54 Carbon tetrachloride	117		4.828					
55 Isobutyl alcohol	41		4.850					
57 Benzene	78		4.982					
56 1,2-Dichloroethane	62		4.982					
58 Tert-amyl methyl ether	73		5.062					
59 n-Heptane	100		5.204					
60 n-Butanol	56		5.406					
61 Trichloroethene	130		5.526					
62 Ethyl acrylate	55		5.605					
64 1,2-Dichloropropane	63		5.704					
63 Methylcyclohexane	83		5.704					9
65 Methyl methacrylate	41		5.784					
66 Dibromomethane	93		5.810					
67 1,4-Dioxane	88		5.810					
68 Dichlorobromomethane	83		5.929					
69 2-Nitropropane	41		6.116					
70 2-Chloroethyl vinyl ether	63		6.177					
71 cis-1,3-Dichloropropene	75		6.319					
72 4-Methyl-2-pentanone (MIBK)	43		6.449					
73 Toluene	91		6.627					9
74 trans-1,3-Dichloropropene	75		6.804					
75 Ethyl methacrylate	69		6.875					
76 1,1,2-Trichloroethane	97		6.970					
77 1,3-Dichloropropane	76		7.124					
78 Tetrachloroethene	164		7.136					
79 2-Hexanone	43		7.183					
80 n-Butyl acetate	56		7.299					
81 Chlorodibromomethane	129		7.337					
82 Tetrahydrothiophene	60		7.346					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
83 Ethylene Dibromide	107		7.455					
84 1-Chlorohexane	91		7.779					
85 Chlorobenzene	112		7.905					9
86 1,1,1,2-Tetrachloroethane	131		7.976					
87 Ethylbenzene	106		8.011					9
88 m-Xylene & p-Xylene	106		8.118					9
89 o-Xylene	106		8.496					
90 Styrene	104		8.508					9
91 Bromoform	173		8.686					
92 Isopropylbenzene	105		8.851					9
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55		8.932					9
95 1,1,2,2-Tetrachloroethane	83		9.112					
96 Bromobenzene	156		9.147					
97 1,2,3-Trichloropropane	110		9.159					
98 trans-1,4-Dichloro-2-butene	53		9.171					
99 N-Propylbenzene	120		9.242					
100 2-Chlorotoluene	126		9.337					
101 1,3,5-Trimethylbenzene	105		9.419					9
102 4-Chlorotoluene	126		9.443					
103 tert-Butylbenzene	119		9.739					9
104 1,2,4-Trimethylbenzene	105		9.786					9
105 sec-Butylbenzene	105		9.952					9
106 1,3-Dichlorobenzene	146		10.070					9
107 4-Isopropyltoluene	119		10.094					9
108 1,4-Dichlorobenzene	146		10.153					9
109 1,2,3-Trimethylbenzene	105		10.198					9
110 n-Butylbenzene	91		10.496					9
111 1,2-Dichlorobenzene	146		10.520					9
112 1,2-Dibromo-3-Chloropropane	157		11.289					
113 1,3,5-Trichlorobenzene	180		11.514					9
114 1,2,4-Trichlorobenzene	180		12.129					9
115 Hexachlorobutadiene	225	12.303	12.307	-0.004	20	6394	0.2397	
116 Naphthalene	128	12.374	12.378	-0.004	70	19964	0.1534	
117 1,2,3-Trichlorobenzene	180	12.623	12.626	-0.003	50	11382	0.2169	
118 2-Methylnaphthalene	142		13.689					9
S 119 Trihalomethanes, Total	1		0.000					7
S 120 1,2-Dichloroethene, Total	96		1.140					7
S 121 1,3-Dichloropropene, Total	75		6.760					7
S 122 Xylenes, Total	106		16.530					7
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

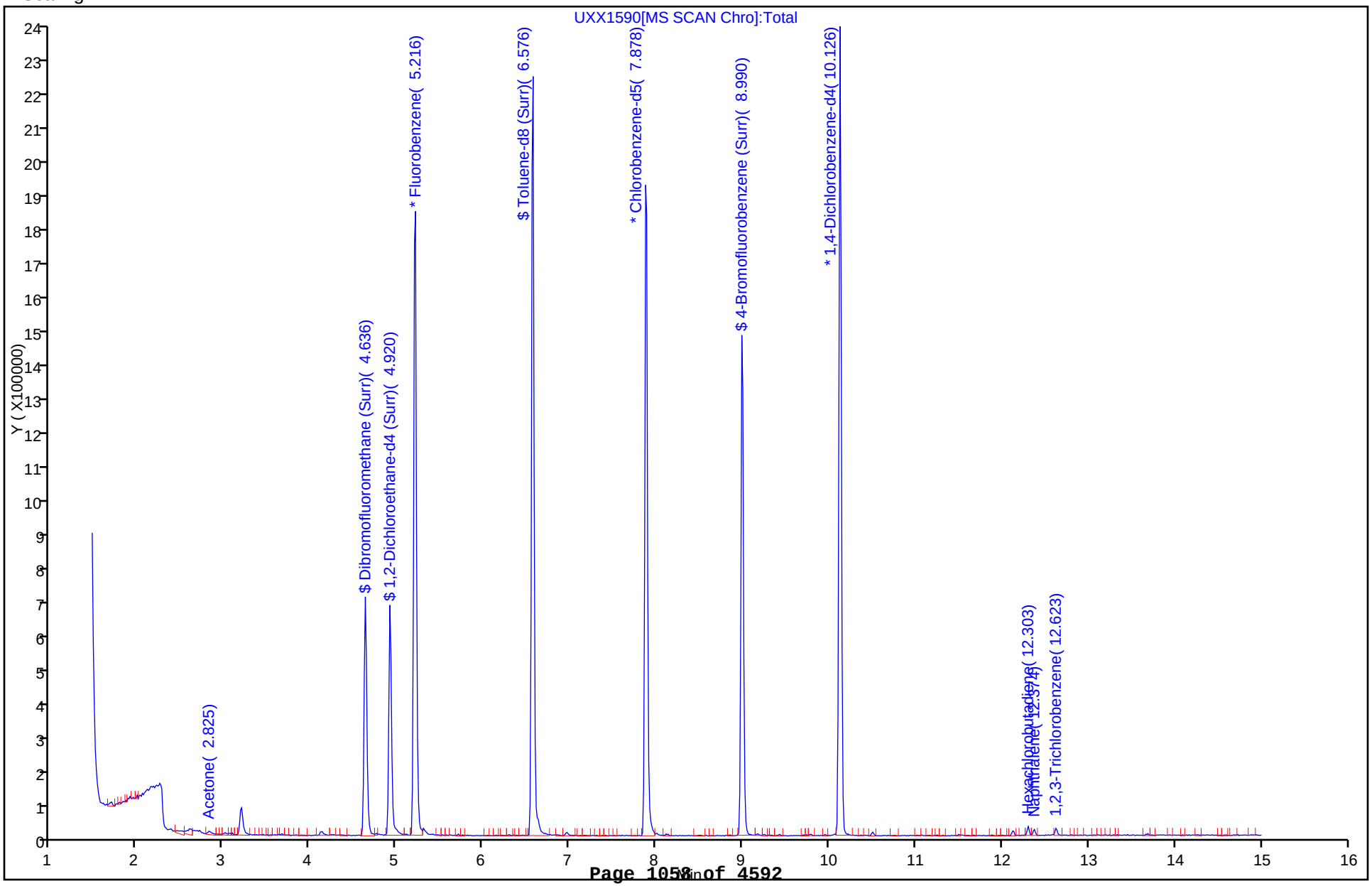
Report Date: 21-Dec-2012 08:34:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1590.D

Injection Date:	20-Dec-2012 13:05:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	6
Operator ID:	1904	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.: 240-18703-1

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
78-93-3	2-Butanone (MEK)	49.5		20	2.0	1.4
67-64-1	Acetone	60.3		20	6.3	6.3
71-43-2	Benzene	27.7		5.0	0.50	0.23
75-25-2	Bromoform	24.2		5.0	0.50	0.33
75-34-3	1,1-Dichloroethane	28.3		5.0	0.50	0.36
74-83-9	Bromomethane	22.6		5.0	1.0	0.54
107-06-2	1,2-Dichloroethane	28.1		5.0	0.50	0.34
75-15-0	Carbon disulfide	29.1		5.0	0.50	0.44
56-23-5	Carbon tetrachloride	30.7		5.0	0.50	0.37
75-35-4	1,1-Dichloroethene	30.6		5.0	1.0	0.52
108-90-7	Chlorobenzene	26.2		5.0	0.50	0.33
540-59-0	1,2-Dichloroethene, Total	55.9		10	1.0	0.77
78-87-5	1,2-Dichloropropane	27.6		5.0	1.0	0.69
75-27-4	Bromodichloromethane	28.9		5.0	0.50	0.28
74-87-3	Chloromethane	26.3		5.0	0.50	0.41
591-78-6	2-Hexanone	47.9		20	1.0	0.63
10061-01-5	cis-1,3-Dichloropropene	26.1		5.0	0.50	0.34
108-10-1	4-Methyl-2-pentanone (MIBK)	50.2		20	1.0	0.54
124-48-1	Dibromochloromethane	26.6		5.0	1.0	0.55
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
75-09-2	Methylene Chloride	30.5		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	28.4		5.0	0.50	0.15
127-18-4	Tetrachloroethene	25.9		5.0	1.0	0.52
108-88-3	Toluene	26.1		5.0	0.50	0.27
67-66-3	Chloroform	27.2		5.0	0.50	0.29
71-55-6	1,1,1-Trichloroethane	29.9		5.0	1.0	0.56
74-97-5	Bromochloromethane	27.1		5.0	1.0	0.71
79-00-5	1,1,2-Trichloroethane	26.2		5.0	0.50	0.39
106-93-4	1,2-Dibromoethane	27.1		5.0	1.0	0.50
10061-02-6	trans-1,3-Dichloropropene	23.8		5.0	1.0	0.54
79-01-6	Trichloroethene	27.1		5.0	0.50	0.42
75-01-4	Vinyl chloride	25.6		5.0	0.50	0.39
75-00-3	Chloroethane	26.0		5.0	1.0	0.86
1330-20-7	Xylenes, Total	81.7		10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.	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	

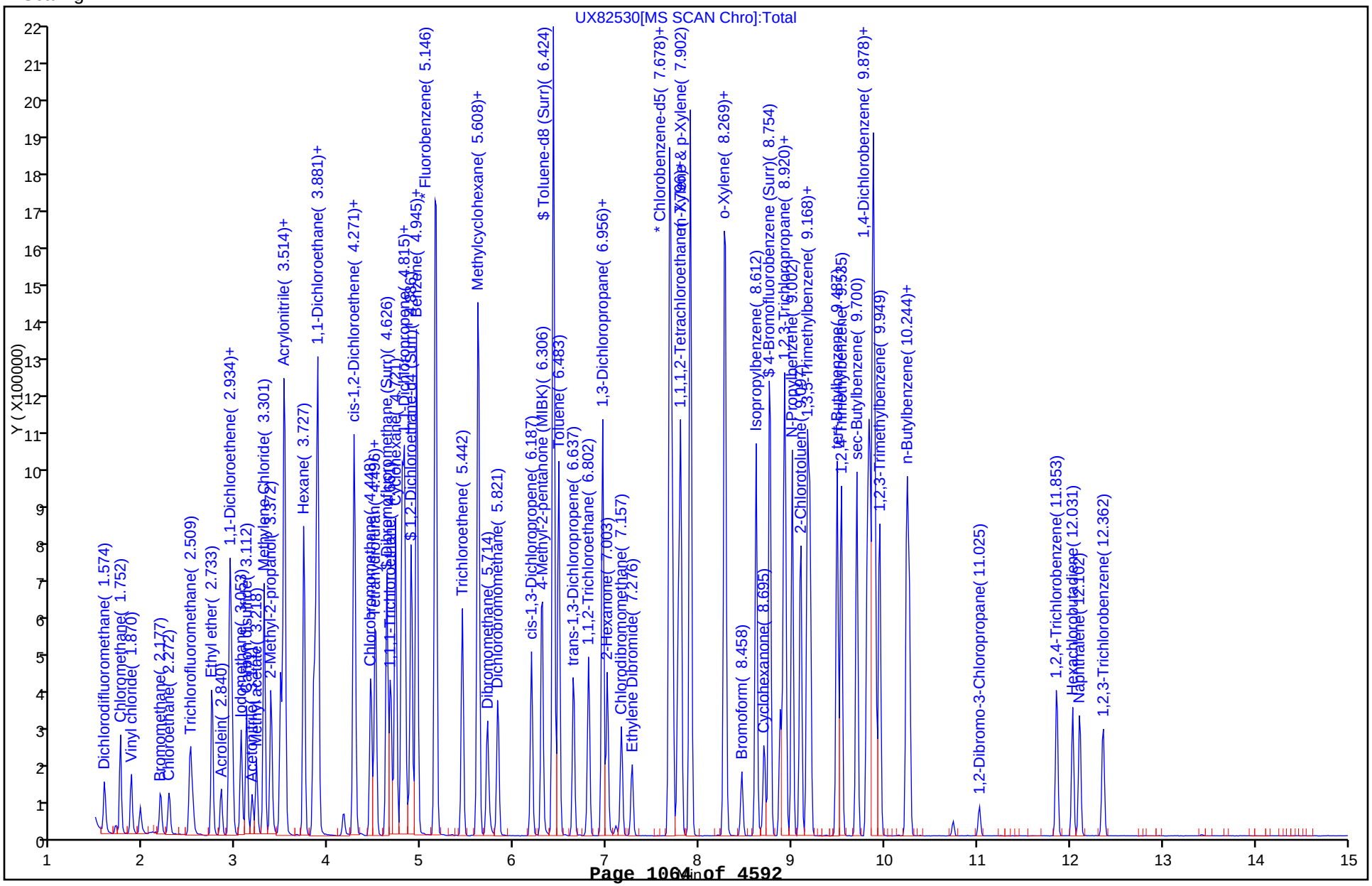
Report Date: 20-Dec-2012 03:33:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69093/7

Matrix: Solid | Lab File ID: UX82564.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 12/18/2012 00:15

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.: 69093 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	25.9		5.0	0.50	0.23
100-41-4	Ethylbenzene	25.1		5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	26.0		5.0	0.50	0.43
108-88-3	Toluene	24.7		5.0	0.50	0.27
1330-20-7	Xylenes, Total	78.6		10	1.5	0.67

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	87		61-130
2037-26-5	Toluene-d8 (Surr)	97		85-115
460-00-4	4-Bromofluorobenzene (Surr)	93		85-120
1868-53-7	Dibromofluoromethane (Surr)	94		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82564.D
Lims ID: LCS Client ID:
Inject. Date: 18-Dec-2012 00:15:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015937-007
Misc. Info.: M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 69093 Lims Sample ID: 7
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m
Last Update: 22-Dec-2012 01:45:29 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: XAWRK020

First Level Reviewer: latat Date: 18-Dec-2012 00:39:28

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.156	0.0	100	1618021	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.687	0.0	97	1127653	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.875	0.0	99	566829	50.0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.623	0.0	58	383376	47.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.896	4.895	0.001	95	449785	43.6	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	94	1375086	48.5	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	92	458824	46.5	
12 Dichlorodifluoromethane	85	1.584	1.583	0.001	96	100214	17.7	
13 Chloromethane	50	1.749	1.749	0.0	100	208846	20.8	
14 Vinyl chloride	62	1.867	1.867	0.0	99	136077	21.9	
15 Bromomethane	94	2.187	2.187	0.0	89	71020	20.3	
16 Chloroethane	64	2.281	2.281	0.0	90	86219	22.8	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	96	200715	26.9	
19 Ethyl ether	59	2.743	2.743	0.0	97	205998	25.8	
20 Acrolein	56	2.837	2.837	0.0	90	98743	53.8	
21 1,1-Dichloroethene	96	2.932	2.932	0.0	95	146758	28.4	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.944	0.0	81	122763	26.5	
22 Acetone	43	2.956	2.956	0.0	98	232238	54.2	
24 Iodomethane	142	3.050	3.050	0.0	98	287199	26.0	
26 Carbon disulfide	76	3.109	3.109	0.0	99	405581	26.5	
27 Acetonitrile	41	3.169	3.169	0.001	99	116106	67.7	
28 Methyl acetate	43	3.216	3.216	0.0	98	244763	23.9	
30 Methylene Chloride	84	3.299	3.299	0.0	95	207066	28.5	
31 2-Methyl-2-propanol	59	3.382	3.381	0.001	93	370807	463.4	
32 Acrylonitrile	53	3.476	3.476	0.0	98	321080	75.9	
34 Methyl tert-butyl ether	73	3.523	3.523	0.0	87	496708	26.0	
33 trans-1,2-Dichloroethene	96	3.523	3.523	0.0	68	169155	25.6	
35 Hexane	86	3.736	3.736	0.0	97	51047	28.1	
36 1,1-Dichloroethane	63	3.831	3.843	-0.012	95	321736	25.7	
37 Vinyl acetate	86	3.866	3.866	0.0	95	42731	29.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	3.878	3.878	0.0	90	165866	28.4	
42 cis-1,2-Dichloroethene	96	4.269	4.269	0.0	87	196271	26.0	
41 2-Butanone (MEK)	43	4.269	4.269	0.0	95	305170	47.8	
43 2,2-Dichloropropane	77	4.280	4.280	0.0	76	132117	26.4	
47 Chlorobromomethane	128	4.458	4.458	0.0	93	105186	24.5	
48 Tetrahydrofuran	42	4.493	4.493	0.0	92	95024	24.6	
49 Chloroform	83	4.505	4.505	0.0	98	290149	24.5	
50 1,1,1-Trichloroethane	97	4.671	4.671	0.0	92	225227	25.7	
51 Cyclohexane	56	4.718	4.718	0.0	97	350700	25.5	
52 1,1-Dichloropropene	75	4.789	4.789	0.0	82	216083	26.4	
53 Carbon tetrachloride	117	4.801	4.801	0.0	90	213921	26.6	
54 Isobutyl alcohol	41	4.813	4.825	-0.012	94	454592	1097.2	
56 1,2-Dichloroethane	62	4.943	4.943	0.0	59	288567	24.9	
55 Benzene	78	4.955	4.955	0.0	94	656689	25.9	
60 Trichloroethene	130	5.440	5.440	0.0	94	196060	25.5	
62 1,2-Dichloropropane	63	5.617	5.617	0.0	89	183583	26.3	
63 Methylcyclohexane	83	5.605	5.617	-0.012	92	289392	26.6	
65 Dibromomethane	93	5.712	5.712	0.0	83	107121	26.2	
67 Dichlorobromomethane	83	5.830	5.830	0.0	96	206233	26.2	
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.185	0.0	81	217997	25.4	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.303	0.0	98	543749	47.9	
72 Toluene	91	6.481	6.481	0.001	97	690429	24.7	
73 trans-1,3-Dichloropropene	75	6.646	6.646	0.0	94	191558	23.1	
75 1,1,2-Trichloroethane	97	6.800	6.800	0.0	94	151723	26.0	
76 1,3-Dichloropropane	76	6.954	6.954	0.0	93	246889	26.2	
77 Tetrachloroethene	164	6.954	6.965	-0.011	95	146555	24.7	
78 2-Hexanone	43	7.001	7.001	0.0	97	359137	47.6	
79 Chlorodibromomethane	129	7.155	7.167	-0.012	90	162926	25.4	
123 Ethylene Dibromide	107	7.273	7.273	0.0	97	154183	26.9	
82 Chlorobenzene	112	7.711	7.711	0.0	93	472799	24.8	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.770	0.0	87	164147	26.7	
84 Ethylbenzene	106	7.805	7.805	0.0	98	241060	25.1	
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	98	599886	52.0	
86 Styrene	104	8.279	8.278	0.0	90	484179	27.3	
85 o-Xylene	106	8.267	8.278	-0.011	90	292903	26.6	
87 Bromoform	173	8.456	8.456	0.0	96	90369	22.0	
88 Isopropylbenzene	105	8.610	8.610	0.0	95	722396	25.9	
89 Cyclohexanone	55	8.704	8.704	0.0	95	169033	82.5	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.870	0.0	89	162867	24.8	
91 Bromobenzene	156	8.917	8.917	0.0	85	203513	24.8	
92 1,2,3-Trichloropropane	110	8.929	8.929	0.0	78	64641	25.5	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.929	0.0	78	143407	51.1	
94 N-Propylbenzene	120	9.000	9.000	0.0	98	207242	26.7	
95 2-Chlorotoluene	126	9.095	9.095	0.0	97	175078	24.5	
96 1,3,5-Trimethylbenzene	105	9.166	9.166	0.0	82	570150	25.4	
104 4-Chlorotoluene	126	9.201	9.201	0.0	96	183949	24.6	
97 tert-Butylbenzene	119	9.485	9.485	0.0	93	570435	26.7	
98 1,2,4-Trimethylbenzene	105	9.532	9.532	0.0	77	569439	25.3	
99 sec-Butylbenzene	105	9.698	9.698	0.0	94	703683	25.0	
100 1,3-Dichlorobenzene	146	9.816	9.816	0.0	84	357861	23.6	
101 4-Isopropyltoluene	119	9.840	9.840	0.0	91	609479	25.9	

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	371929	23.6	
103 1,2,3-Trimethylbenzene	105	9.946	9.946	0.0	88	564538	24.9	
105 n-Butylbenzene	91	10.242	10.242	0.0	94	488580	25.1	
106 1,2-Dichlorobenzene	146	10.266	10.266	0.0	97	333578	23.5	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.023	0.0	61	27968	26.5	
109 1,2,4-Trichlorobenzene	180	11.863	11.862	0.001	91	165376	22.8	
110 Hexachlorobutadiene	225	12.028	12.028	0.0	91	72678	29.0	
111 Naphthalene	128	12.111	12.111	0.0	96	389491	22.6	
112 1,2,3-Trichlorobenzene	180	12.359	12.359	0.0	96	136355	26.7	
S 136 Trihalomethanes, Total	1				0		98.1	
S 11 1,2-Dichloroethene, Total	96				0		51.7	
S 114 Xylenes, Total	106				0		78.6	

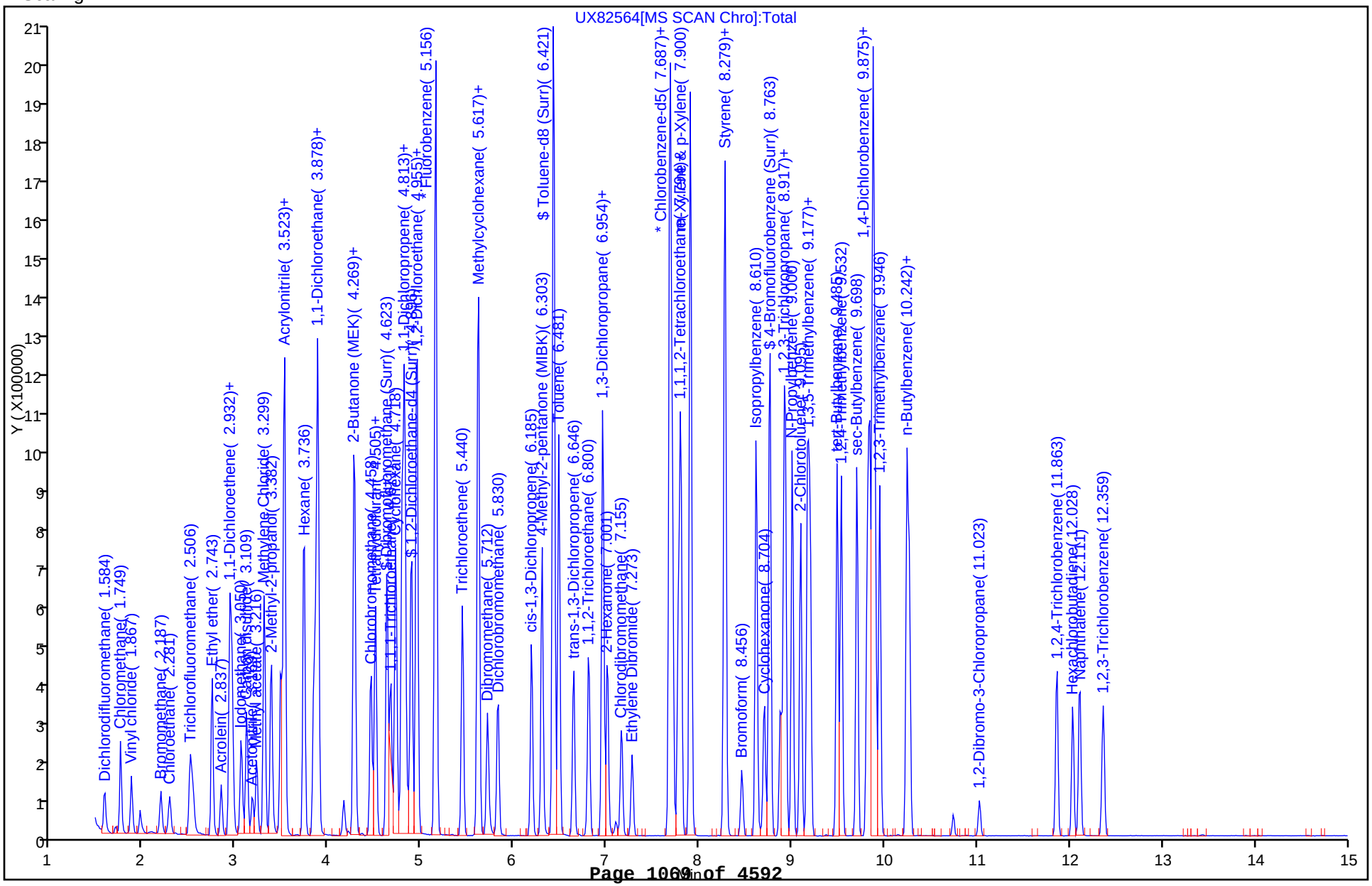
Report Date: 22-Dec-2012 01:45:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82564.D

Injection Date:	18-Dec-2012 00:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	69093	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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69591/4

Matrix: Water | Lab File ID: UXX1588.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 12:21

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.: 69591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	18.0		10	0.57	0.57
67-64-1	Acetone	20.6		10	1.1	1.1
71-43-2	Benzene	9.74		1.0	0.25	0.13
75-25-2	Bromoform	8.65		1.0	0.64	0.64
75-34-3	1,1-Dichloroethane	9.80		1.0	0.25	0.15
74-83-9	Bromomethane	8.59		1.0	0.50	0.41
107-06-2	1,2-Dichloroethane	9.38		1.0	0.25	0.22
75-15-0	Carbon disulfide	10.2		1.0	0.25	0.13
56-23-5	Carbon tetrachloride	9.96		1.0	0.25	0.13
75-35-4	1,1-Dichloroethene	9.70		1.0	0.25	0.19
108-90-7	Chlorobenzene	9.56		1.0	0.25	0.15
540-59-0	1,2-Dichloroethene, Total	19.9		2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	9.91		1.0	0.25	0.18
75-27-4	Bromodichloromethane	9.81		1.0	0.25	0.15
74-87-3	Chloromethane	8.62		1.0	0.50	0.30
591-78-6	2-Hexanone	17.6		10	0.50	0.41
10061-01-5	cis-1,3-Dichloropropene	9.52		1.0	0.25	0.14
108-10-1	4-Methyl-2-pentanone (MIBK)	19.8		10	0.50	0.32
124-48-1	Dibromochloromethane	9.25		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	9.55		1.0	0.25	0.17
75-09-2	Methylene Chloride	9.92		1.0	0.50	0.33
79-34-5	1,1,2,2-Tetrachloroethane	8.20		1.0	0.25	0.18
100-42-5	Styrene	10.1		1.0	0.25	0.11
127-18-4	Tetrachloroethene	9.89		1.0	0.50	0.29
108-88-3	Toluene	9.48		1.0	0.25	0.13
67-66-3	Chloroform	9.19		1.0	0.25	0.16
71-55-6	1,1,1-Trichloroethane	9.73		1.0	0.25	0.22
74-97-5	Bromochloromethane	9.74		1.0	0.50	0.29
79-00-5	1,1,2-Trichloroethane	9.41		1.0	0.50	0.27
106-93-4	1,2-Dibromoethane	9.16		1.0	0.25	0.24
10061-02-6	trans-1,3-Dichloropropene	8.78		1.0	0.25	0.19
79-01-6	Trichloroethene	10.2		1.0	0.25	0.17
75-01-4	Vinyl chloride	8.84		1.0	0.25	0.22
75-00-3	Chloroethane	9.33		1.0	0.50	0.29
1330-20-7	Xylenes, Total	30.2		2.0	0.75	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69591/4

Matrix: Water Lab File ID: UXX1588.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 12:21

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.: 69591 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-120
2037-26-5	Toluene-d8 (Surr)	98		85-120
460-00-4	4-Bromofluorobenzene (Surr)	107		75-120
1868-53-7	Dibromofluoromethane (Surr)	98		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1588.D
Lims ID: LCS Client ID:
Inject. Date: 20-Dec-2012 12:21:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016059-004
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 69591 Lims Sample ID: 4
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: quayler Date: 20-Dec-2012 12:42:00

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.204	0.003	99	2174437	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.879	0.002	82	1587263	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.130	10.127	0.003	89	1025898	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.639	4.639	0.0	60	499548	9.82	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.923	4.923	0.0	0	537518	9.05	
$ 7 Toluene-d8 (Surr)	98	6.568	6.568	0.0	92	2006831	9.76	
$ 8 4-Bromofluorobenzene (Surr)	95	8.994	8.993	0.001	90	776333	10.7	
12 Dichlorodifluoromethane	85	1.563	1.562	0.001	86	341037	8.48	
13 Chloromethane	50	1.705	1.693	0.012	89	618636	8.62	
14 Vinyl chloride	62	1.799	1.799	0.0	97	630949	8.84	
16 Bromomethane	94	2.095	2.095	0.0	88	287829	8.59	
17 Chloroethane	64	2.178	2.178	0.0	98	388066	9.33	
19 Trichlorofluoromethane	101	2.403	2.391	0.012	98	574925	9.96	
20 Ethyl ether	59	2.616	2.613	0.003	89	436292	9.55	
21 Acrolein	56	2.711	2.710	0.0	90	137548	21.1	
23 1,1-Dichloroethene	96	2.817	2.817	0.0	96	534757	9.70	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.841	2.829	0.012	81	506673	11.8	
24 Acetone	43	2.829	2.829	0.0	58	269947	20.6	
26 Iodomethane	142	2.947	2.947	0.0	97	899048	10.3	
27 Carbon disulfide	76	3.018	3.006	0.012	98	1716991	10.2	
28 Acetonitrile	41	3.054	3.053	0.001	94	113918	29.3	
30 Methyl acetate	43	3.113	3.101	0.012	95	321969	7.91	
31 Methylene Chloride	84	3.196	3.195	0.001	80	643611	9.92	
32 2-Methyl-2-propanol	59	3.267	3.266	0.001	94	469871	187.9	
33 Acrylonitrile	53	3.385	3.385	0.0	99	511185	26.6	
34 trans-1,2-Dichloroethene	96	3.444	3.432	0.012	70	591856	9.91	
35 Methyl tert-butyl ether	73	3.432	3.432	0.0	89	1400634	9.55	
36 Hexane	86	3.669	3.669	0.0	91	126900	10.7	
37 1,1-Dichloroethane	63	3.775	3.775	0.0	85	966956	9.80	
38 Vinyl acetate	86	3.799	3.799	0.0	97	107604	12.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
39 Isopropyl ether	87	3.835	3.832	0.003	94	519657	10.5	
43 cis-1,2-Dichloroethene	96	4.249	4.248	0.001	80	633492	10.0	
42 2-Butanone (MEK)	43	4.249	4.248	0.001	94	358131	18.0	
44 2,2-Dichloropropane	77	4.261	4.260	0.001	89	532673	10.4	
48 Chlorobromomethane	128	4.450	4.450	0.0	86	303064	9.74	
50 Chloroform	83	4.509	4.497	0.012	80	915997	9.19	
49 Tetrahydrofuran	42	4.497	4.497	0.0	84	117375	8.46	
51 1,1,1-Trichloroethane	97	4.687	4.686	0.001	95	704760	9.73	
52 Cyclohexane	56	4.746	4.745	0.001	87	897464	9.88	
53 1,1-Dichloropropene	75	4.817	4.816	0.001	93	729744	9.96	
54 Carbon tetrachloride	117	4.829	4.828	0.001	83	628300	9.96	
55 Isobutyl alcohol	41	4.852	4.850	0.002	92	564202	429.1	
57 Benzene	78	4.982	4.982	0.0	94	2308891	9.74	
56 1,2-Dichloroethane	62	4.982	4.982	0.0	51	652124	9.38	
61 Trichloroethene	130	5.527	5.526	0.001	91	615691	10.2	
64 1,2-Dichloropropane	63	5.704	5.704	0.0	83	517794	9.91	
63 Methylcyclohexane	83	5.704	5.704	0.0	89	810301	10.2	
66 Dibromomethane	93	5.811	5.810	0.001	85	308827	9.93	
68 Dichlorobromomethane	83	5.929	5.929	0.0	94	634347	9.81	
70 2-Chloroethyl vinyl ether	63	6.178	6.177	0.001	90	250001	9.20	
71 cis-1,3-Dichloropropene	75	6.320	6.319	0.001	90	705729	9.52	
72 4-Methyl-2-pentanone (MIBK)	43	6.450	6.449	0.001	96	797777	19.8	
73 Toluene	91	6.627	6.627	0.0	98	2407469	9.48	
74 trans-1,3-Dichloropropene	75	6.805	6.804	0.001	87	590821	8.78	
76 1,1,2-Trichloroethane	97	6.970	6.970	0.0	84	463202	9.41	
77 1,3-Dichloropropane	76	7.124	7.124	0.0	91	784933	9.18	
78 Tetrachloroethene	164	7.136	7.136	0.0	91	513658	9.89	
79 2-Hexanone	43	7.183	7.183	0.0	96	494037	17.6	
81 Chlorodibromomethane	129	7.337	7.337	0.0	89	465433	9.25	
83 Ethylene Dibromide	107	7.455	7.455	0.0	98	443600	9.16	
85 Chlorobenzene	112	7.905	7.905	0.0	96	1596152	9.56	
86 1,1,1,2-Tetrachloroethane	131	7.976	7.976	0.0	83	542612	9.51	
87 Ethylbenzene	106	8.012	8.011	0.001	97	848644	9.95	
88 m-Xylene & p-Xylene	106	8.118	8.118	0.0	99	2163107	20.0	
89 o-Xylene	106	8.497	8.496	0.001	94	1062866	10.2	
90 Styrene	104	8.509	8.508	0.001	94	1727671	10.1	
91 Bromoform	173	8.686	8.686	0.0	99	283015	8.65	
92 Isopropylbenzene	105	8.852	8.851	0.001	94	2582702	10.2	
94 Cyclohexanone	55	8.935	8.932	0.003	80	976671	172.7	
95 1,1,2,2-Tetrachloroethane	83	9.112	9.112	0.0	81	599813	8.20	
96 Bromobenzene	156	9.148	9.147	0.001	89	721185	9.22	
97 1,2,3-Trichloropropane	110	9.159	9.159	0.0	74	202339	8.51	
98 trans-1,4-Dichloro-2-butene	53	9.171	9.171	0.0	75	178530	9.87	
99 N-Propylbenzene	120	9.242	9.242	0.0	97	746081	9.86	
100 2-Chlorotoluene	126	9.337	9.337	0.0	98	676889	9.44	
101 1,3,5-Trimethylbenzene	105	9.420	9.419	0.001	92	2147772	9.85	
102 4-Chlorotoluene	126	9.432	9.443	-0.011	98	728663	9.55	
103 tert-Butylbenzene	119	9.739	9.739	0.0	89	1989099	10.2	
104 1,2,4-Trimethylbenzene	105	9.787	9.786	0.001	97	2235426	9.98	
105 sec-Butylbenzene	105	9.952	9.952	0.0	92	2375019	9.74	
106 1,3-Dichlorobenzene	146	10.071	10.070	0.0	87	1361955	9.42	
107 4-Isopropyltoluene	119	10.094	10.094	0.0	93	2113757	10.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
108 1,4-Dichlorobenzene	146	10.153	10.153	0.0	94	1436433	9.16	
109 1,2,3-Trimethylbenzene	105	10.201	10.198	0.003	87	2198979	10.2	
110 n-Butylbenzene	91	10.496	10.496	0.0	97	1580446	9.53	
111 1,2-Dichlorobenzene	146	10.520	10.520	0.0	99	1307106	9.43	
112 1,2-Dibromo-3-Chloropropane	157	11.289	11.289	0.0	87	94824	8.69	
114 1,2,4-Trichlorobenzene	180	12.129	12.129	0.0	90	560140	8.57	
115 Hexachlorobutadiene	225	12.307	12.307	0.0	92	224233	6.90	
116 Naphthalene	128	12.378	12.378	0.0	100	1286477	8.11	
117 1,2,3-Trichlorobenzene	180	12.626	12.626	0.0	99	511074	7.99	
S 119 Trihalomethanes, Total	1				0		36.9	
S 120 1,2-Dichloroethene, Total	96				0		19.9	
S 122 Xylenes, Total	106				0		30.3	

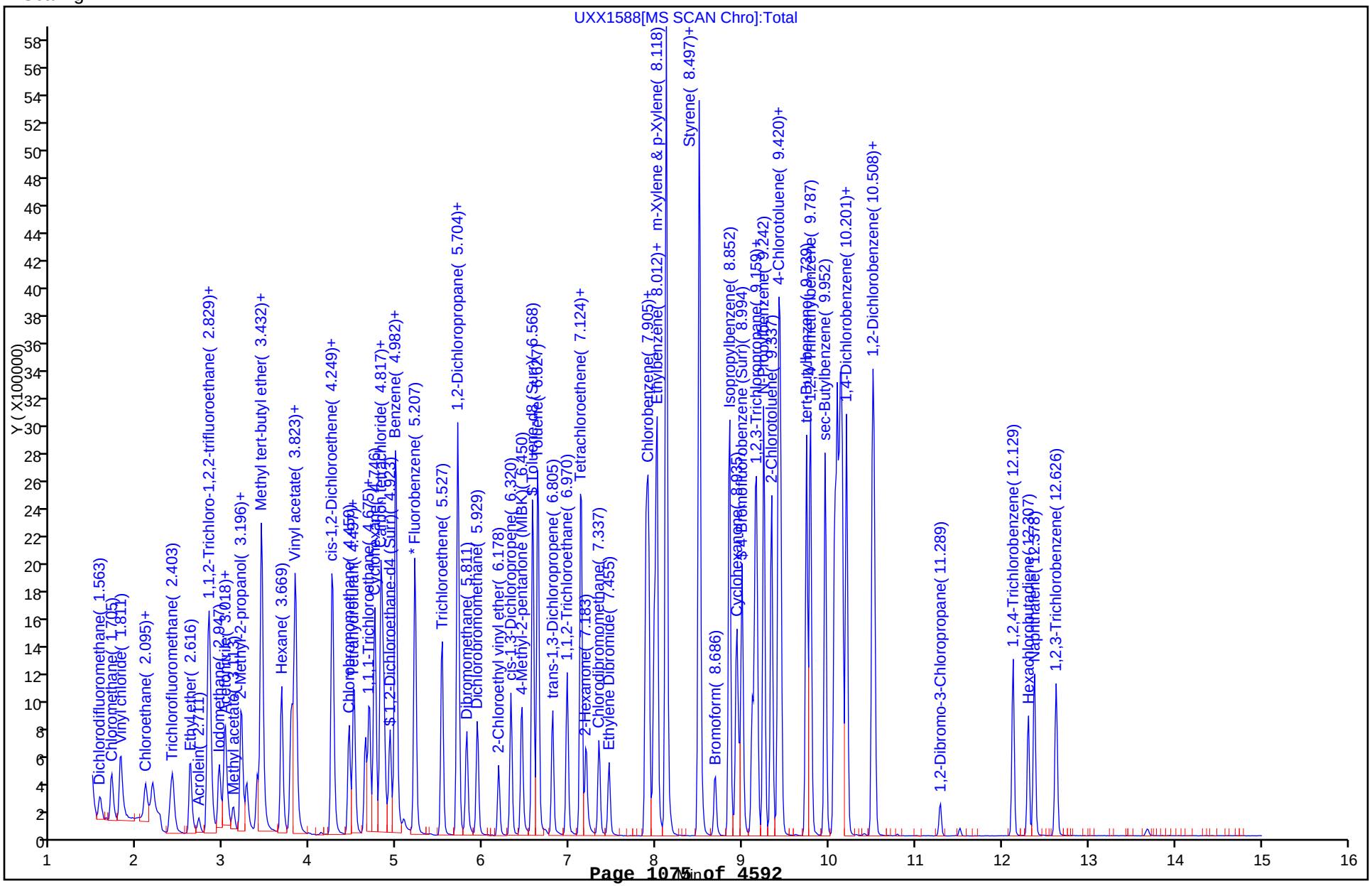
Report Date: 21-Dec-2012 08:34:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1588.D

Injection Date:	20-Dec-2012 12:21:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	4
Operator ID:	1904	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.: 240-18703-1

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
78-93-3	2-Butanone (MEK)	0.00944	J	0.010	0.00050	0.00057
67-64-1	Acetone	0.00786	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.00565		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00458		0.0010	0.00050	0.00064
75-34-3	1,1-Dichloroethane	0.00540		0.0010	0.00025	0.00015
74-83-9	Bromomethane	0.00534		0.0010	0.00050	0.00041
107-06-2	1,2-Dichloroethane	0.00574		0.0010	0.00025	0.00022
75-15-0	Carbon disulfide	0.00531		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00578		0.0010	0.00025	0.00013
75-35-4	1,1-Dichloroethene	0.00576		0.0010	0.00025	0.00019
108-90-7	Chlorobenzene	0.00571		0.0010	0.00025	0.00015
540-59-0	1,2-Dichloroethene, Total	0.0113		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00545		0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.00555		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00541		0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.00682	J ^	0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.00470		0.0010	0.00025	0.00014
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00726	J	0.010	0.00050	0.00032
124-48-1	Dibromochloromethane	0.00457		0.0010	0.00025	0.00018
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
75-09-2	Methylene Chloride	0.00619		0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.00532		0.0010	0.00025	0.00018
100-42-5	Styrene	0.00539		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00581		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00559		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00559		0.0010	0.00025	0.00016
71-55-6	1,1,1-Trichloroethane	0.00597		0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.00560		0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.00519		0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.00529		0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00457		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00544		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00537		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00498		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0170		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.	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

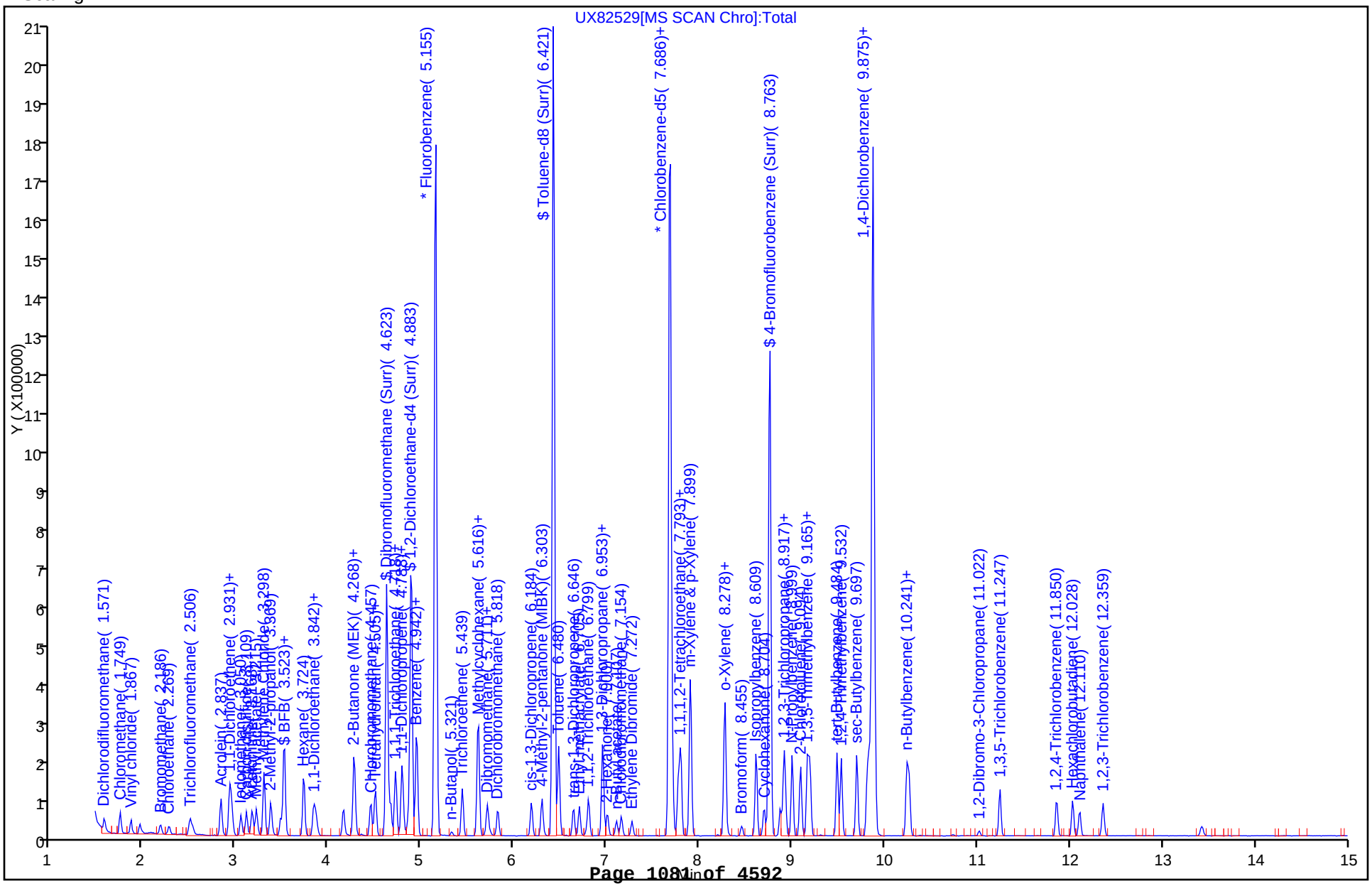
Report Date: 20-Dec-2012 03:33:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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.: 240-18703-1

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
78-93-3	2-Butanone (MEK)	0.0105		0.010	0.00050	0.00057
67-64-1	Acetone	0.00927	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.00535		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00430		0.0010	0.00050	0.00064
75-34-3	1,1-Dichloroethane	0.00547		0.0010	0.00025	0.00015
74-83-9	Bromomethane	0.00601		0.0010	0.00050	0.00041
107-06-2	1,2-Dichloroethane	0.00571		0.0010	0.00025	0.00022
75-15-0	Carbon disulfide	0.00459		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00475		0.0010	0.00025	0.00013
75-35-4	1,1-Dichloroethene	0.00506		0.0010	0.00025	0.00019
108-90-7	Chlorobenzene	0.00546		0.0010	0.00025	0.00015
540-59-0	1,2-Dichloroethene, Total	0.0107		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00543		0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.00491		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00535		0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.00961	J	0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.00453		0.0010	0.00025	0.00014
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00997	J	0.010	0.00050	0.00032
124-48-1	Dibromochloromethane	0.00426		0.0010	0.00025	0.00018
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
75-09-2	Methylene Chloride	0.00675	^	0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.00535		0.0010	0.00025	0.00018
100-42-5	Styrene	0.00531		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00505		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00530		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00541		0.0010	0.00025	0.00016
71-55-6	1,1,1-Trichloroethane	0.00505		0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.00534		0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.00516		0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.00507		0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00455		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00551		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00492		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00580		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0161		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.	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

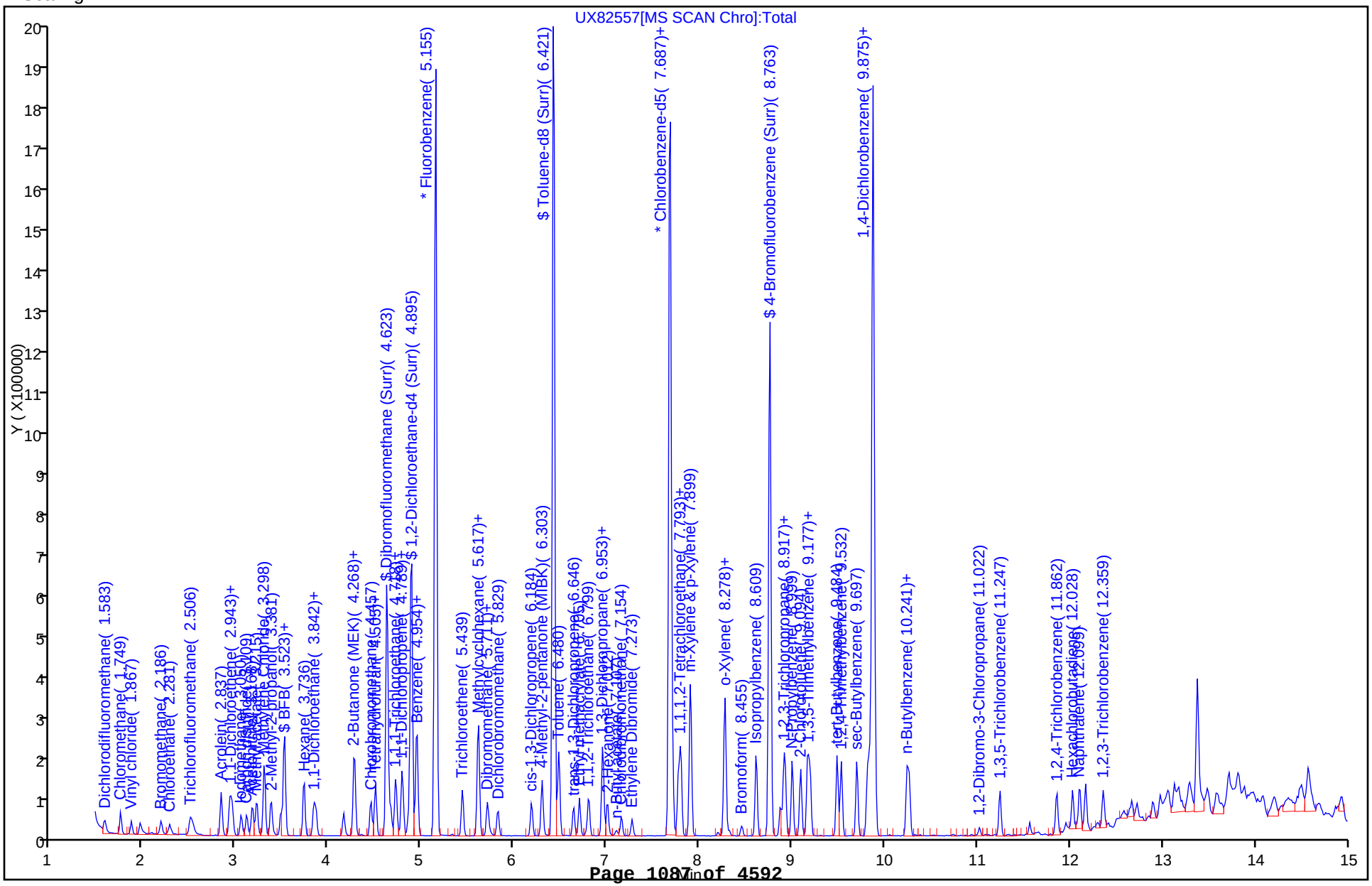
Report Date: 20-Dec-2012 03:33:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69093/6

Matrix: Solid | Lab File ID: UX82563.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/17/2012 23:54

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.: 69093 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.00504		0.0010	0.00025	0.00013
100-41-4	Ethylbenzene	0.00483		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00456		0.0010	0.00025	0.00017
108-88-3	Toluene	0.00490		0.0010	0.00025	0.00013
1330-20-7	Xylenes, Total	0.0149		0.0020	0.00075	0.00028

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	81		50-150
2037-26-5	Toluene-d8 (Surr)	92		50-150
460-00-4	4-Bromofluorobenzene (Surr)	90		50-150
1868-53-7	Dibromofluoromethane (Surr)	89		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82563.D
Lims ID: MRL Client ID:
Inject. Date: 17-Dec-2012 23:54:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015937-006
Misc. Info.: M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 69093 Lims Sample ID: 6
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m
Last Update: 22-Dec-2012 01:45:29 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: XAWRK020

First Level Reviewer: latat Date: 18-Dec-2012 00:30:05

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.156	0.0	100	1602513	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.687	0.0	97	1123179	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.875	0.0	99	563576	50.0	
$ 4 BFB	95	3.523	3.741	-0.218	0	1042	0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.623	0.0	58	362387	44.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.895	4.895	0.0	93	421649	40.6	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1309029	45.9	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	95	444970	45.0	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.583	1.583	0.0	77	25716	4.59	
13 Chloromethane	50	1.749	1.749	0.0	99	47175	4.74	
14 Vinyl chloride	62	1.867	1.867	0.0	84	32287	5.26	
15 Bromomethane	94	2.187	2.187	0.0	87	17749	5.13	
16 Chloroethane	64	2.281	2.281	0.0	74	19398	5.18	
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101	2.506	2.506	0.0	87	42762	5.80	
19 Ethyl ether	59		2.743					
20 Acrolein	56	2.837	2.837	0.0	90	73991	40.7	
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96	2.932	2.932	0.0	94	26600	5.19	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.944	0.0	75	21103	4.60	
22 Acetone	43	2.956	2.956	0.0	95	52147	7.70	
24 Iodomethane	142	3.050	3.050	0.0	96	51443	4.70	
26 Carbon disulfide	76	3.109	3.109	0.0	97	70847	4.68	
27 Acetonitrile	41	3.168	3.169	0.0	99	77021	45.3	
28 Methyl acetate	43	3.216	3.216	0.0	97	93571	9.24	
29 3-Chloro-1-propene	76		3.216					
30 Methylene Chloride	84	3.299	3.299	0.0	91	58076	6.73	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 2-Methyl-2-propanol	59	3.370	3.381	-0.011	89	56980	71.9	
32 Acrylonitrile	53	3.476	3.476	0.0	97	37991	9.07	
34 Methyl tert-butyl ether	73	3.523	3.523	0.0	87	86311	4.56	
33 trans-1,2-Dichloroethene	96	3.523	3.523	0.0	69	32854	5.03	
35 Hexane	86	3.736	3.736	0.0	93	9087	5.05	
36 1,1-Dichloroethane	63	3.831	3.843	-0.012	84	60261	4.85	
37 Vinyl acetate	86	3.866	3.866	0.0	97	4864	3.36	
38 Isopropyl ether	87		3.878					9
39 2-Chloro-1,3-butadiene	53		3.914					
40 Tert-butyl ethyl ether	59		4.150					9
42 cis-1,2-Dichloroethene	96	4.268	4.269	-0.001	85	37720	5.05	
41 2-Butanone (MEK)	43	4.268	4.269	-0.001	92	59563	9.43	
43 2,2-Dichloropropane	77	4.280	4.280	0.0	68	23454	4.73	
45 Ethyl acetate	43		4.304					9
44 Propionitrile	54		4.304					
46 Methacrylonitrile	41		4.434					9
47 Chlorobromomethane	128	4.458	4.458	0.0	85	20124	4.73	
48 Tetrahydrofuran	42	4.493	4.493	0.0	80	16242	4.25	
49 Chloroform	83	4.505	4.505	0.0	94	57133	4.87	
50 1,1,1-Trichloroethane	97	4.671	4.671	0.0	87	42038	4.84	
51 Cyclohexane	56	4.718	4.718	0.0	95	67102	4.93	
52 1,1-Dichloropropene	75	4.789	4.789	0.0	77	41557	5.13	
53 Carbon tetrachloride	117	4.801	4.801	0.0	84	37960	4.77	
54 Isobutyl alcohol	41		4.825					9
56 1,2-Dichloroethane	62	4.943	4.943	0.0	59	53496	4.67	
55 Benzene	78	4.955	4.955	0.0	95	126464	5.04	
57 Tert-amyl methyl ether	73		5.014					9
58 n-Heptane	100		5.132					
59 n-Butanol	56		5.321					9
60 Trichloroethene	130	5.440	5.440	0.0	87	37752	4.95	
61 Ethyl acrylate	55		5.487					
62 1,2-Dichloropropane	63	5.617	5.617	0.0	82	33440	4.83	
63 Methylcyclohexane	83	5.617	5.617	0.0	91	54330	5.05	
64 Methyl methacrylate	41		5.676					
65 Dibromomethane	93	5.712	5.712	0.0	80	18311	4.51	
66 1,4-Dioxane	88	5.712	5.712	0.0	64	16723	225.6	
67 Dichlorobromomethane	83	5.830	5.830	0.0	88	35327	4.54	
68 2-Nitropropane	41		5.996					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.185	0.0	60	35555	4.18	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.303	0.0	95	90913	8.09	
72 Toluene	91	6.480	6.481	0.0	93	136049	4.90	
73 trans-1,3-Dichloropropene	75	6.646	6.646	0.0	81	30313	4.43	
74 Ethyl methacrylate	69	6.705	6.705	0.0	83	32059	4.24	
75 1,1,2-Trichloroethane	97	6.812	6.800	0.012	88	27208	4.67	
76 1,3-Dichloropropane	76	6.954	6.954	0.0	89	44812	4.77	
77 Tetrachloroethene	164	6.954	6.965	-0.011	85	29605	5.01	
78 2-Hexanone	43	7.001	7.001	0.0	94	57912	7.71	
132 n-Butyl acetate	43	7.107	7.108	-0.001	92	25478	0	
79 Chlorodibromomethane	129	7.155	7.167	-0.012	66	24930	3.90	
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107	7.273	7.273	0.0	78	24973	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	7.711	7.711	0.0	94	94082	4.95	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.770	0.0	79	28661	4.69	
84 Ethylbenzene	106	7.793	7.805	-0.012	96	46224	4.83	
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	98	113297	9.85	
86 Styrene	104	8.278	8.278	0.0	86	82704	4.68	
85 o-Xylene	106	8.278	8.278	0.0	88	55057	5.03	
87 Bromoform	173	8.456	8.456	0.0	78	14068	4.18	
88 Isopropylbenzene	105	8.610	8.610	0.0	93	138360	4.98	
89 Cyclohexanone	55	8.704	8.704	0.0	82	29645	14.5	
90 1,1,2,2-Tetrachloroethane	83	8.870	8.870	0.0	75	31739	4.86	
91 Bromobenzene	156	8.917	8.917	0.0	85	39039	4.79	
92 1,2,3-Trichloropropane	110	8.929	8.929	0.0	70	11187	4.44	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.929	0.0	51	10562	3.78	
94 N-Propylbenzene	120	9.000	9.000	0.0	96	38560	5.00	
95 2-Chlorotoluene	126	9.095	9.095	0.0	94	36413	5.12	
96 1,3,5-Trimethylbenzene	105	9.166	9.166	0.0	92	112236	5.03	
104 4-Chlorotoluene	126	9.201	9.201	0.0	91	37176	4.99	
97 tert-Butylbenzene	119	9.485	9.485	0.0	88	118308	5.57	
98 1,2,4-Trimethylbenzene	105	9.532	9.532	0.0	93	112090	5.01	
99 sec-Butylbenzene	105	9.698	9.698	0.0	88	143710	5.14	
100 1,3-Dichlorobenzene	146	9.816	9.816	0.0	70	71771	4.77	
101 4-Isopropyltoluene	119	9.840	9.840	0.0	79	114963	4.91	
102 1,4-Dichlorobenzene	146	9.899	9.899	0.0	82	77769	4.96	
103 1,2,3-Trimethylbenzene	105		9.946					9
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91	10.242	10.242	0.0	94	96469	4.99	
106 1,2-Dichlorobenzene	146	10.266	10.266	0.0	92	68641	4.86	
107 1,2-Dibromo-3-Chloropropane	157	11.023	11.023	0.0	16	4704	4.48	
108 1,3,5-Trichlorobenzene	180	11.247	11.247	0.0	90	44713	5.20	
109 1,2,4-Trichlorobenzene	180	11.862	11.862	0.0	85	40751	5.65	
110 Hexachlorobutadiene	225	12.028	12.028	0.0	74	19376	1.07	
111 Naphthalene	128	12.111	12.111	0.0	84	79941	4.67	
112 1,2,3-Trichlorobenzene	180	12.359	12.359	0.0	80	35868	4.85	
113 2-Methylnaphthalene	142		13.424					9
S 136 Trihalomethanes, Total	1				0		17.5	
S 11 1,2-Dichloroethene, Total	96				0		10.1	
S 9 1,3-Dichloropropene, Total	75				0		8.61	
S 114 Xylenes, Total	106				0		14.9	
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

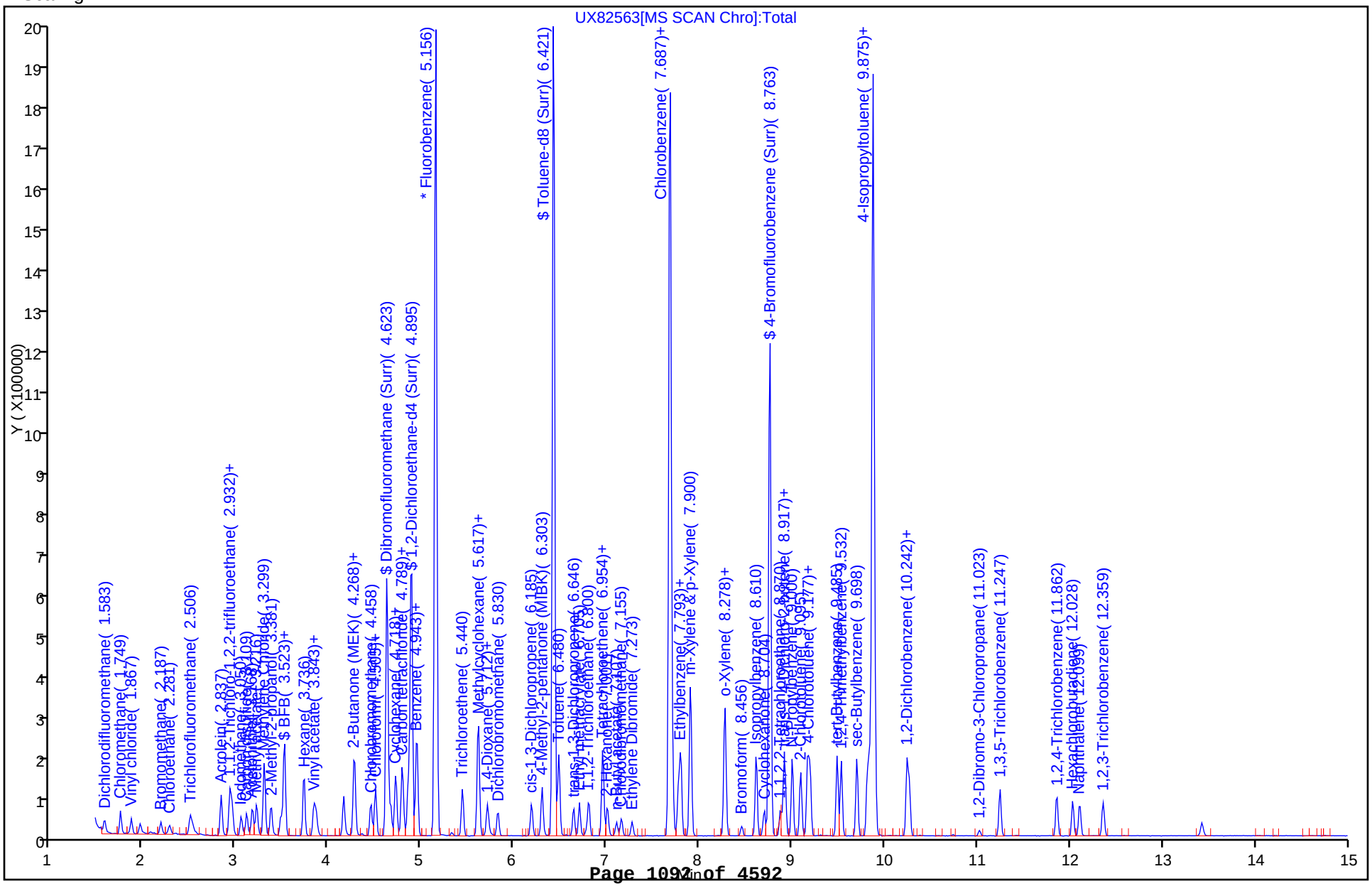
Report Date: 22-Dec-2012 01:45:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82563.D

Injection Date:	17-Dec-2012 23:54:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	69093	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.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69093/34

Matrix: Solid Lab File ID: UX82591.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/18/2012 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.: 69093 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-43-2	Benzene	0.00544		0.0010	0.00025	0.00013
100-41-4	Ethylbenzene	0.00533		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00503		0.0010	0.00025	0.00017
108-88-3	Toluene	0.00552		0.0010	0.00025	0.00013
1330-20-7	Xylenes, Total	0.0163		0.0020	0.00075	0.00028

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		50-150
2037-26-5	Toluene-d8 (Surr)	97		50-150
460-00-4	4-Bromofluorobenzene (Surr)	96		50-150
1868-53-7	Dibromofluoromethane (Surr)	92		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82591.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 10:01:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015937-034
Misc. Info.: M21217A,8260SUX8,,402279 =M21217A,8260SUX8,,402279
Operator: 402279 Instrument ID: A3UX8
Purge Vol: 5.000 mL ALS Bottle#: 32
Lims Batch ID: 69093 Lims Sample ID: 34
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\8260_8.m
Last Update: 22-Dec-2012 01:45:29 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: XAWRK020

First Level Reviewer: latat Date: 19-Dec-2012 02:10:28

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.156	5.156	0.0	100	1522272	50.0	
* 2 Chlorobenzene-d5	117	7.687	7.687	0.0	97	1073175	50.0	
* 3 1,4-Dichlorobenzene-d4	152	9.875	9.875	0.0	98	554641	50.0	
$ 4 BFB	95	3.523	3.741	-0.218	0	1132	0	
$ 5 Dibromofluoromethane (Surr)	113	4.623	4.623	0.0	59	354367	46.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.895	4.895	0.0	93	426546	44.0	
$ 7 Toluene-d8 (Surr)	98	6.421	6.421	0.0	95	1304081	48.3	
$ 131 4-Bromofluorobenzene (Surr)	95	8.763	8.763	0.0	95	447614	48.0	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.583	1.583	0.0	88	21932	4.12	
13 Chloromethane	50	1.749	1.749	0.0	86	41729	4.42	
14 Vinyl chloride	62	1.867	1.867	0.0	68	25778	4.42	
15 Bromomethane	94	2.187	2.187	0.0	79	16639	5.06	
16 Chloroethane	64	2.281	2.281	0.0	74	17139	4.81	
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101	2.506	2.506	0.0	81	34009	4.85	
19 Ethyl ether	59		2.743					
20 Acrolein	56	2.837	2.837	0.0	92	67765	39.3	
25 Methylal	45		2.856					
21 1,1-Dichloroethene	96	2.932	2.932	0.0	91	24119	4.96	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.944	2.944	0.0	78	21670	4.97	
22 Acetone	43	2.955	2.956	-0.001	94	48237	7.35	
24 Iodomethane	142	3.050	3.050	0.0	92	54053	5.20	
26 Carbon disulfide	76	3.109	3.109	0.0	95	65131	4.53	
27 Acetonitrile	41	3.168	3.169	0.0	98	71142	44.1	
28 Methyl acetate	43	3.216	3.216	0.0	97	91213	9.48	
29 3-Chloro-1-propene	76		3.216					
30 Methylene Chloride	84	3.298	3.299	-0.001	89	65198	8.29	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 2-Methyl-2-propanol	59	3.381	3.381	0.0	86	58539	77.8	
32 Acrylonitrile	53	3.476	3.476	0.0	100	36883	9.27	
34 Methyl tert-butyl ether	73	3.523	3.523	0.0	84	90416	5.03	
33 trans-1,2-Dichloroethene	96	3.523	3.523	0.0	66	33688	5.43	
35 Hexane	86	3.736	3.736	0.0	92	7664	4.48	
36 1,1-Dichloroethane	63	3.831	3.843	-0.012	89	60426	5.12	
37 Vinyl acetate	86	3.866	3.866	0.0	96	4668	3.39	
38 Isopropyl ether	87		3.878					
39 2-Chloro-1,3-butadiene	53		3.914					
40 Tert-butyl ethyl ether	59		4.150					9
42 cis-1,2-Dichloroethene	96	4.268	4.269	-0.001	86	39847	5.62	
41 2-Butanone (MEK)	43	4.268	4.269	-0.001	83	50861	8.47	
43 2,2-Dichloropropane	77	4.280	4.280	0.0	57	24027	5.10	
45 Ethyl acetate	43		4.304					9
44 Propionitrile	54		4.304					
46 Methacrylonitrile	41		4.434					9
47 Chlorobromomethane	128	4.458	4.458	0.0	83	21408	5.29	
48 Tetrahydrofuran	42	4.493	4.493	0.0	89	16546	4.56	
49 Chloroform	83	4.505	4.505	0.0	93	60367	5.41	
50 1,1,1-Trichloroethane	97	4.671	4.671	0.0	84	42959	5.21	
51 Cyclohexane	56	4.718	4.718	0.0	95	66761	5.17	
52 1,1-Dichloropropene	75	4.789	4.789	0.0	80	37760	4.91	
53 Carbon tetrachloride	117	4.801	4.801	0.0	72	34051	4.50	
54 Isobutyl alcohol	41		4.825					
56 1,2-Dichloroethane	62	4.943	4.943	0.0	60	58084	5.34	
55 Benzene	78	4.954	4.955	-0.001	94	129701	5.44	
57 Tert-amyl methyl ether	73		5.014					9
58 n-Heptane	100		5.132					
59 n-Butanol	56		5.321					
60 Trichloroethene	130	5.439	5.440	-0.001	84	38092	5.26	
61 Ethyl acrylate	55		5.487					
62 1,2-Dichloropropane	63	5.617	5.617	0.0	75	35397	5.38	
63 Methylcyclohexane	83	5.605	5.617	-0.012	91	50339	4.93	
64 Methyl methacrylate	41		5.676					9
65 Dibromomethane	93	5.712	5.712	0.0	83	21003	5.45	
66 1,4-Dioxane	88	5.712	5.712	0.0	57	16217	230.3	
67 Dichlorobromomethane	83	5.818	5.830	-0.012	89	36576	4.95	
68 2-Nitropropane	41		5.996					
69 2-Chloroethyl vinyl ether	63		6.045					
70 cis-1,3-Dichloropropene	75	6.185	6.185	0.0	57	35476	4.39	
71 4-Methyl-2-pentanone (MIBK)	43	6.303	6.303	0.0	94	81616	7.65	
72 Toluene	91	6.480	6.481	0.0	93	146599	5.52	
73 trans-1,3-Dichloropropene	75	6.646	6.646	0.0	77	29901	4.54	
74 Ethyl methacrylate	69	6.705	6.705	0.0	86	33384	4.62	
75 1,1,2-Trichloroethane	97	6.800	6.800	0.0	89	28912	5.20	
76 1,3-Dichloropropane	76	6.953	6.954	-0.001	89	49774	5.55	
77 Tetrachloroethene	164	6.965	6.965	0.0	90	26445	4.69	
78 2-Hexanone	43	7.001	7.001	0.0	93	54778	7.63	
132 n-Butyl acetate	43		7.108					19
79 Chlorodibromomethane	129	7.155	7.167	-0.012	69	24543	4.02	
80 Tetrahydrothiophene	60		7.255					
123 Ethylene Dibromide	107	7.273	7.273	0.0	81	26928	4.93	

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	96701	5.32	
83 1,1,1,2-Tetrachloroethane	131	7.770	7.770	0.0	77	30039	5.14	
84 Ethylbenzene	106	7.805	7.805	0.0	95	48741	5.33	
10 m-Xylene & p-Xylene	106	7.900	7.900	0.0	98	117320	10.7	
86 Styrene	104	8.278	8.278	0.0	87	87076	5.16	
85 o-Xylene	106	8.278	8.278	0.0	85	58409	5.58	
87 Bromoform	173	8.456	8.456	0.0	76	13518	4.20	
88 Isopropylbenzene	105	8.609	8.610	-0.001	93	139359	5.25	
89 Cyclohexanone	55		8.704					9
90 1,1,2,2-Tetrachloroethane	83	8.870	8.870	0.0	80	32591	5.07	
91 Bromobenzene	156	8.917	8.917	0.0	84	41262	5.15	
92 1,2,3-Trichloropropane	110	8.929	8.929	0.0	70	11795	4.75	
93 trans-1,4-Dichloro-2-butene	53	8.929	8.929	0.0	54	10011	3.64	
94 N-Propylbenzene	120	9.000	9.000	0.0	96	37209	4.90	
95 2-Chlorotoluene	126	9.094	9.095	-0.001	94	35786	5.11	
96 1,3,5-Trimethylbenzene	105	9.165	9.166	-0.001	92	111958	5.10	
104 4-Chlorotoluene	126	9.189	9.201	-0.012	95	35192	4.80	
97 tert-Butylbenzene	119	9.485	9.485	0.0	88	114321	5.47	
98 1,2,4-Trimethylbenzene	105	9.532	9.532	0.0	69	115147	5.23	
99 sec-Butylbenzene	105	9.698	9.698	0.0	91	137461	5.00	
100 1,3-Dichlorobenzene	146	9.816	9.816	0.0	88	70844	4.78	
101 4-Isopropyltoluene	119	9.840	9.840	0.0	80	109869	4.77	
102 1,4-Dichlorobenzene	146	9.899	9.899	0.0	82	75925	4.92	
103 1,2,3-Trimethylbenzene	105		9.946					9
133 Benzyl chloride	126		10.016					
105 n-Butylbenzene	91	10.242	10.242	0.0	91	81542	4.29	
106 1,2-Dichlorobenzene	146	10.265	10.266	-0.001	91	71064	5.11	
107 1,2-Dibromo-3-Chloropropane	157	11.034	11.023	0.011	1	3564	3.45	
108 1,3,5-Trichlorobenzene	180	11.247	11.247	0.0	92	38965	4.61	
109 1,2,4-Trichlorobenzene	180	11.862	11.862	0.0	79	35234	4.96	
110 Hexachlorobutadiene	225	12.028	12.028	0.0	72	17464	0.1077	
111 Naphthalene	128	12.111	12.111	0.0	87	80414	4.77	
112 1,2,3-Trichlorobenzene	180	12.359	12.359	0.0	81	33286	4.39	
113 2-Methylnaphthalene	142		13.424					9
S 136 Trihalomethanes, Total	1				0		18.6	
S 11 1,2-Dichloroethene, Total	96				0		11.0	
S 9 1,3-Dichloropropene, Total	75				0		8.93	
S 114 Xylenes, Total	106				0		16.3	
T 137 Hexachloroethane TIC	166		10.500					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

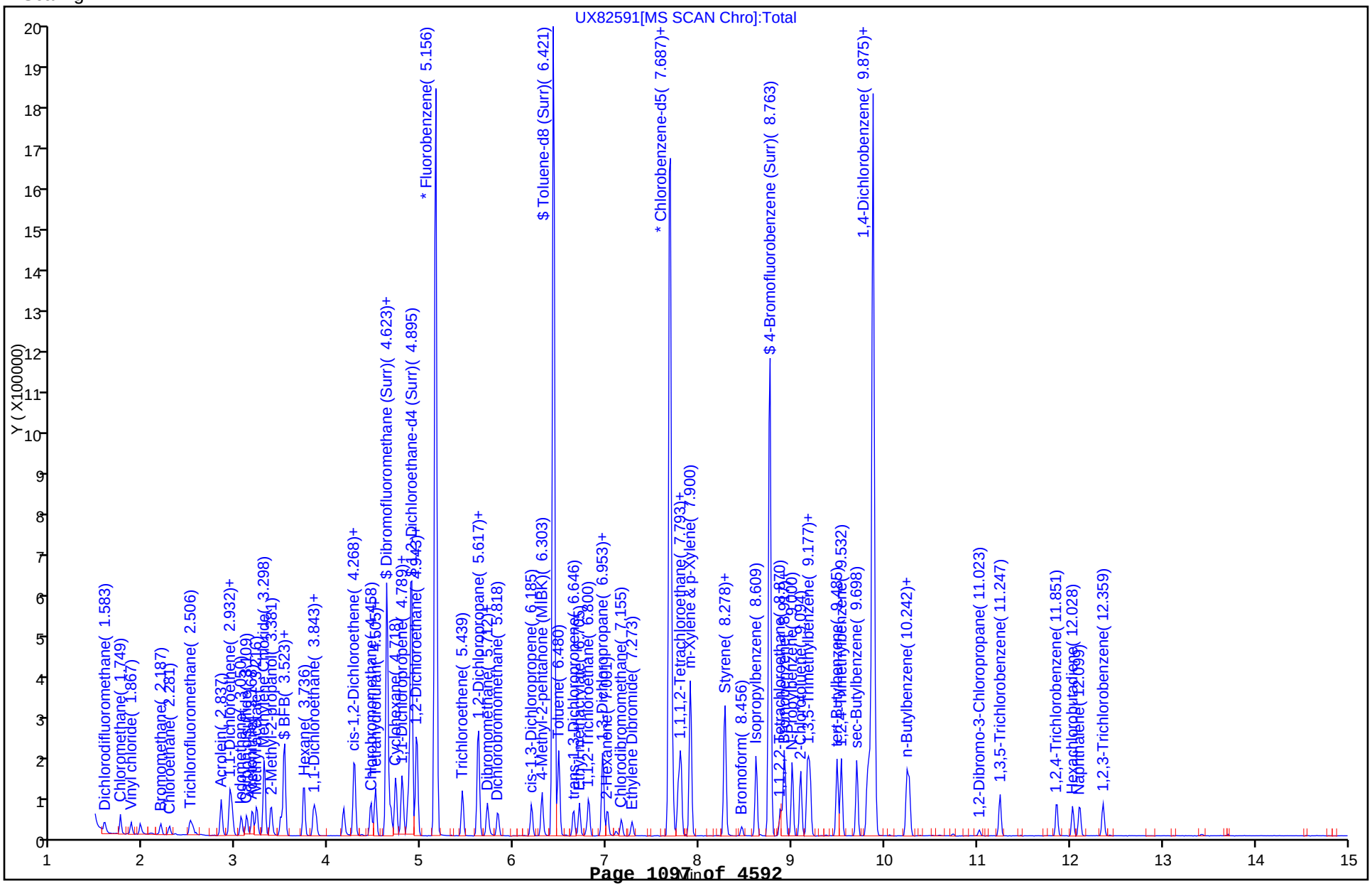
Report Date: 22-Dec-2012 01:45:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A3UX8\20121217-15937.b\UX82591.D

Injection Date:	18-Dec-2012 10:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX8
Lims Batch ID:	69093	Lims Sample ID:	34
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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69591/5

Matrix: Water | Lab File ID: UXX1589.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 12:43

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.: 69591 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.00922	J	0.010	0.00050	0.00057
67-64-1	Acetone	0.00910	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.000979	J	0.0010	0.00025	0.00013
75-25-2	Bromoform	0.000679	J ^	0.0010	0.00050	0.00064
75-34-3	1,1-Dichloroethane	0.000865	J	0.0010	0.00025	0.00015
74-83-9	Bromomethane	0.00103		0.0010	0.00050	0.00041
107-06-2	1,2-Dichloroethane	0.000901	J	0.0010	0.00025	0.00022
75-15-0	Carbon disulfide	0.00102		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.000896	J	0.0010	0.00025	0.00013
75-35-4	1,1-Dichloroethene	0.000938	J	0.0010	0.00025	0.00019
108-90-7	Chlorobenzene	0.000910	J	0.0010	0.00025	0.00015
540-59-0	1,2-Dichloroethene, Total	0.00185	J	0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.000908	J	0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.000865	J	0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.000961	J	0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.00828	J	0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.000779	J	0.0010	0.00025	0.00014
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00899	J	0.010	0.00050	0.00032
124-48-1	Dibromochloromethane	0.000754	J	0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.000799	J	0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.000889	J	0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00105		0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.000928	J	0.0010	0.00025	0.00018
100-42-5	Styrene	0.000737	J	0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.000980	J	0.0010	0.00050	0.00029
108-88-3	Toluene	0.000959	J	0.0010	0.00025	0.00013
67-66-3	Chloroform	0.000918	J	0.0010	0.00025	0.00016
71-55-6	1,1,1-Trichloroethane	0.000965	J	0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.000922	J	0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.000894	J	0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.000879	J	0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.000696	J	0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.000960	J	0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.000959	J	0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.000981	J	0.0010	0.00050	0.00029
1330-20-7	Xylenes, Total	0.00253		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69591/5

Matrix: Water Lab File ID: UXX1589.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 12:43

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.: 69591 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		50-150
2037-26-5	Toluene-d8 (Surr)	97		50-150
460-00-4	4-Bromofluorobenzene (Surr)	97		50-150
1868-53-7	Dibromofluoromethane (Surr)	99		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1589.D
Lims ID: MRL Client ID:
Inject. Date: 20-Dec-2012 12:43:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016059-005
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 69591 Lims Sample ID: 5
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: quayler Date: 20-Dec-2012 13:08:29

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.216	5.204	0.012	100	2138012	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.879	-0.001	83	1551915	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	93	954861	10.0	
$ 4 BFB	95	2.814	3.747	-0.933	0	885	0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.639	-0.003	67	493227	9.86	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.003	0	513998	8.80	
$ 7 Toluene-d8 (Surr)	98	6.576	6.568	0.008	92	1957734	9.74	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	96	687972	9.73	
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
12 Dichlorodifluoromethane	85	1.559	1.562	-0.003	89	41864	1.06	
13 Chloromethane	50	1.701	1.693	0.008	96	67847	0.9615	
14 Vinyl chloride	62	1.796	1.799	-0.003	82	67311	0.9590	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.092	2.095	-0.003	82	34056	1.03	
17 Chloroethane	64	2.175	2.178	-0.003	78	40135	0.9813	
18 Dichlorofluoromethane	67		2.329					
19 Trichlorofluoromethane	101	2.399	2.391	0.008	84	54357	0.9574	
20 Ethyl ether	59		2.613					9
21 Acrolein	56	2.707	2.710	-0.003	86	51028	7.96	
23 1,1-Dichloroethene	96	2.814	2.817	-0.003	94	50830	0.9381	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.837	2.829	0.008	70	49240	1.16	
24 Acetone	43	2.825	2.829	-0.004	99	123738	9.10	
22 Methylal	45		2.851					
26 Iodomethane	142	2.944	2.947	-0.003	93	86952	1.01	
27 Carbon disulfide	76	3.015	3.006	0.009	98	168643	1.02	
28 Acetonitrile	41	3.050	3.053	-0.003	97	41867	10.9	
30 Methyl acetate	43	3.109	3.101	0.008	87	71895	1.80	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
29 3-Chloro-1-propene	76		3.110					9
31 Methylene Chloride	84	3.204	3.195	0.009	82	114307	1.05	
32 2-Methyl-2-propanol	59	3.263	3.266	-0.003	92	46092	18.8	
33 Acrylonitrile	53	3.382	3.385	-0.003	73	30530	1.62	
34 trans-1,2-Dichloroethene	96	3.441	3.432	0.009	73	54866	0.9345	
35 Methyl tert-butyl ether	73	3.429	3.432	-0.003	89	128228	0.8894	
36 Hexane	86	3.666	3.669	-0.003	88	11828	1.01	
37 1,1-Dichloroethane	63	3.772	3.775	-0.003	81	83940	0.8648	
38 Vinyl acetate	86	3.808	3.799	0.009	96	6146	0.7413	
39 Isopropyl ether	87		3.832					9
40 2-Chloro-1,3-butadiene	53		3.856					
41 Tert-butyl ethyl ether	59		4.128					
43 cis-1,2-Dichloroethene	96	4.245	4.248	-0.003	76	56876	0.9140	
42 2-Butanone (MEK)	43	4.245	4.248	-0.003	98	180601	9.22	
44 2,2-Dichloropropane	77	4.257	4.260	-0.003	91	50343	1.00	
45 Propionitrile	54		4.293					
46 Ethyl acetate	43	4.245	4.293	-0.048	65	180601	4.96	
47 Methacrylonitrile	41		4.424					9
48 Chlorobromomethane	128	4.447	4.450	-0.003	78	28202	0.9215	
50 Chloroform	83	4.506	4.497	0.009	68	89974	0.9176	
49 Tetrahydrofuran	42	4.506	4.497	0.009	27	12159	0.8911	
51 1,1,1-Trichloroethane	97	4.683	4.686	-0.003	88	68718	0.9653	
52 Cyclohexane	56	4.742	4.745	-0.003	87	86382	0.9669	
53 1,1-Dichloropropene	75	4.813	4.816	-0.003	90	67429	0.9357	
54 Carbon tetrachloride	117	4.825	4.828	-0.003	83	55557	0.8958	
55 Isobutyl alcohol	41		4.850					9
57 Benzene	78	4.991	4.982	0.009	92	228105	0.9787	
56 1,2-Dichloroethane	62	4.979	4.982	-0.003	40	61594	0.9009	
58 Tert-amyl methyl ether	73		5.062					9
59 n-Heptane	100		5.204					
60 n-Butanol	56		5.406					
61 Trichloroethene	130	5.523	5.526	-0.003	89	57121	0.9601	
62 Ethyl acrylate	55		5.605					9
64 1,2-Dichloropropane	63	5.713	5.704	0.009	75	46646	0.9078	
63 Methylcyclohexane	83	5.701	5.704	-0.003	87	75198	0.9601	
65 Methyl methacrylate	41		5.784					9
66 Dibromomethane	93	5.807	5.810	-0.003	76	28714	0.9394	
67 1,4-Dioxane	88	5.807	5.810	-0.003	1	8854	28.4	
68 Dichlorobromomethane	83	5.926	5.929	-0.003	88	54976	0.8650	
69 2-Nitropropane	41		6.116					9
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	82	37874	1.42	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	72	56790	0.7790	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.449	-0.003	96	355851	8.99	
73 Toluene	91	6.636	6.627	0.009	96	238051	0.9591	
74 trans-1,3-Dichloropropene	75	6.801	6.804	-0.003	84	45810	0.6964	
75 Ethyl methacrylate	69	6.872	6.875	-0.003	78	39885	1.07	
76 1,1,2-Trichloroethane	97	6.967	6.970	-0.003	83	43018	0.8937	
77 1,3-Dichloropropane	76	7.121	7.124	-0.003	81	71261	0.8524	
78 Tetrachloroethene	164	7.133	7.136	-0.003	95	49746	0.9795	
79 2-Hexanone	43	7.192	7.183	0.009	95	226888	8.28	
80 n-Butyl acetate	56		7.299					
81 Chlorodibromomethane	129	7.334	7.337	-0.003	72	37124	0.7542	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107	7.452	7.455	-0.003	83	41604	0.8786	
84 1-Chlorohexane	91		7.779					
85 Chlorobenzene	112	7.914	7.905	0.009	95	148512	0.9099	
86 1,1,1,2-Tetrachloroethane	131	7.985	7.976	0.009	78	44541	0.7984	
87 Ethylbenzene	106	8.008	8.011	-0.003	97	66579	0.7986	
88 m-Xylene & p-Xylene	106	8.115	8.118	-0.003	99	174991	1.66	
89 o-Xylene	106	8.493	8.496	-0.003	89	88176	0.8691	
90 Styrene	104	8.505	8.508	-0.003	90	122925	0.7373	
91 Bromoform	173	8.683	8.686	-0.003	86	21725	0.6790	
92 Isopropylbenzene	105	8.848	8.851	-0.003	92	194741	0.7895	
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55	8.931	8.932	-0.001	75	40990	7.79	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.112	-0.003	89	63165	0.9280	
96 Bromobenzene	156	9.144	9.147	-0.003	90	69296	0.9516	
97 1,2,3-Trichloropropane	110	9.168	9.159	0.009	67	17678	0.7988	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.171	-0.003	50	5890	0.3500	
99 N-Propylbenzene	120	9.251	9.242	0.009	95	59683	0.8472	
100 2-Chlorotoluene	126	9.334	9.337	-0.003	95	58261	0.8734	
101 1,3,5-Trimethylbenzene	105	9.416	9.419	-0.003	90	171518	0.8449	
102 4-Chlorotoluene	126	9.440	9.443	-0.003	95	60799	0.8560	
103 tert-Butylbenzene	119	9.736	9.739	-0.003	86	156898	0.8634	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	69	166600	0.7989	
105 sec-Butylbenzene	105	9.949	9.952	-0.003	88	193405	0.8524	
106 1,3-Dichlorobenzene	146	10.067	10.070	-0.003	93	137849	1.02	
107 4-Isopropyltoluene	119	10.091	10.094	-0.003	91	158478	0.8196	
108 1,4-Dichlorobenzene	146	10.150	10.153	-0.003	90	143479	0.9834	
109 1,2,3-Trimethylbenzene	105		10.198					9
110 n-Butylbenzene	91	10.505	10.496	0.009	93	144577	0.9363	
111 1,2-Dichlorobenzene	146	10.517	10.520	-0.003	96	134010	1.04	
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.289	-0.003	43	11620	1.14	
113 1,3,5-Trichlorobenzene	180	11.511	11.514	-0.003	89	65149	0.9237	
114 1,2,4-Trichlorobenzene	180	12.126	12.129	-0.003	87	89017	1.46	
115 Hexachlorobutadiene	225	12.304	12.307	-0.003	87	50706	1.68	
116 Naphthalene	128	12.375	12.378	-0.003	100	216255	1.46	
117 1,2,3-Trichlorobenzene	180	12.623	12.626	-0.003	96	98373	1.65	
118 2-Methylnaphthalene	142	13.676	13.689	-0.013	52	8991	0.1366	
S 119 Trihalomethanes, Total	1				0		3.22	
S 120 1,2-Dichloroethene, Total	96				0		1.85	
S 121 1,3-Dichloropropene, Total	75				0		1.48	
S 122 Xylenes, Total	106				0		2.53	
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

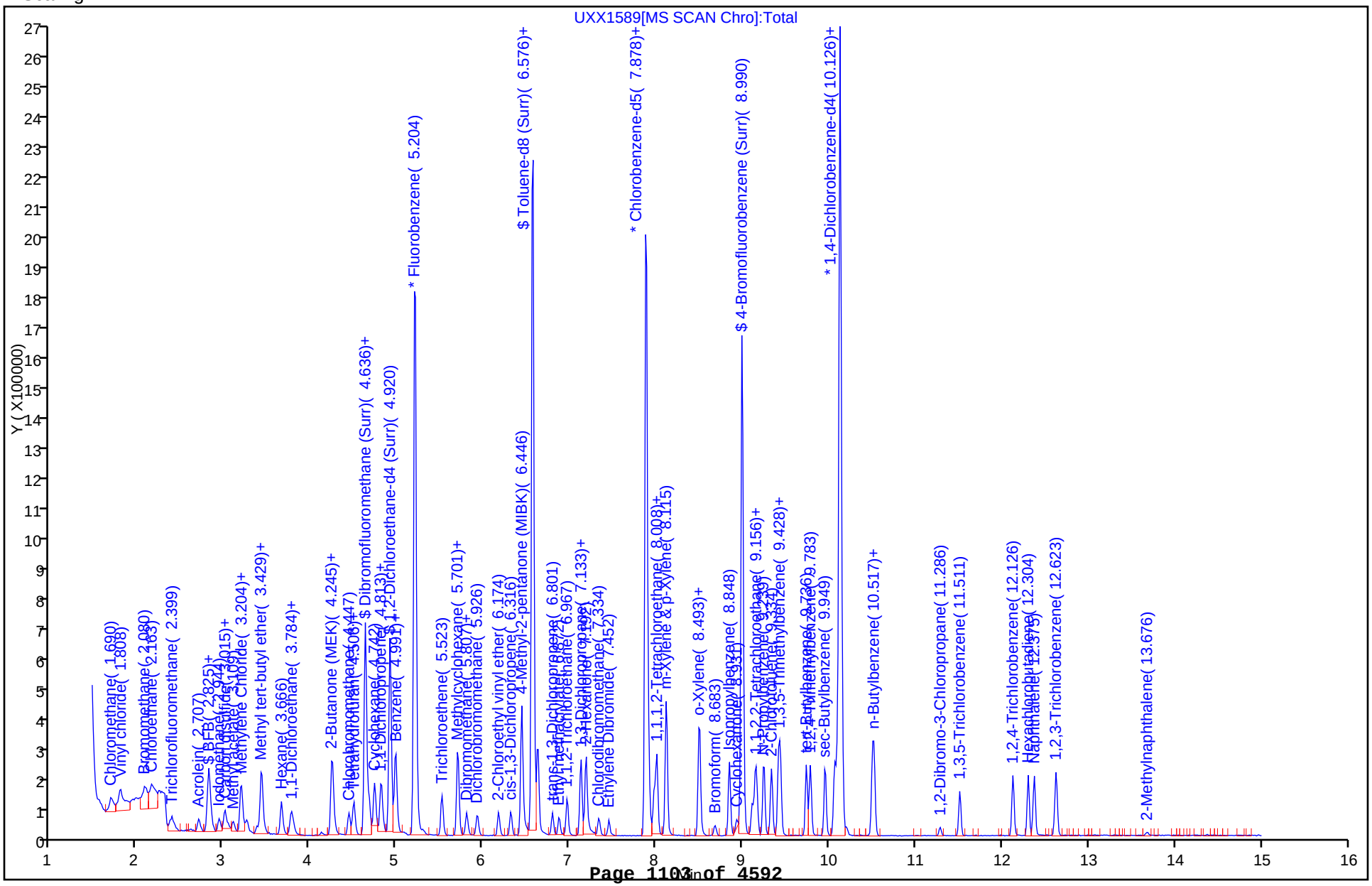
Report Date: 21-Dec-2012 08:34:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1589.D

Injection Date:	20-Dec-2012 12:43:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	5
Operator ID:	1904	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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69591/18

Matrix: Water | Lab File ID: UXX1602.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 17:42

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.: 69591 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.00903	J	0.010	0.00050	0.00057
67-64-1	Acetone	0.00944	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.00101		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.000816	J	0.0010	0.00050	0.00064
75-34-3	1,1-Dichloroethane	0.000967	J	0.0010	0.00025	0.00015
74-83-9	Bromomethane	0.00119		0.0010	0.00050	0.00041
107-06-2	1,2-Dichloroethane	0.00101		0.0010	0.00025	0.00022
75-15-0	Carbon disulfide	0.00103		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.000881	J	0.0010	0.00025	0.00013
75-35-4	1,1-Dichloroethene	0.000977	J	0.0010	0.00025	0.00019
108-90-7	Chlorobenzene	0.000975	J	0.0010	0.00025	0.00015
540-59-0	1,2-Dichloroethene, Total	0.00193	J	0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.000992	J	0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.000940	J	0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00109		0.0010	0.00050	0.00030
591-78-6	2-Hexanone	0.00856	J	0.010	0.00050	0.00041
10061-01-5	cis-1,3-Dichloropropene	0.000806	J	0.0010	0.00025	0.00014
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00853	J	0.010	0.00050	0.00032
124-48-1	Dibromochloromethane	0.000871	J	0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.000912	J	0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.000923	J	0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.000617	J ^	0.0010	0.00050	0.00033
79-34-5	1,1,2,2-Tetrachloroethane	0.000914	J	0.0010	0.00025	0.00018
100-42-5	Styrene	0.000787	J	0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.000921	J	0.0010	0.00050	0.00029
108-88-3	Toluene	0.00100		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.000952	J	0.0010	0.00025	0.00016
71-55-6	1,1,1-Trichloroethane	0.000975	J	0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.00106		0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.000955	J	0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.000923	J	0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.000735	J	0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00104		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00107		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00118		0.0010	0.00050	0.00029
1330-20-7	Xylenes, Total	0.00250		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69591/18

Matrix: Water Lab File ID: UXX1602.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 17:42

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.: 69591 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		50-150
2037-26-5	Toluene-d8 (Surr)	99		50-150
460-00-4	4-Bromofluorobenzene (Surr)	101		50-150
1868-53-7	Dibromofluoromethane (Surr)	98		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1602.D
Lims ID: MRL Client ID:
Inject. Date: 20-Dec-2012 17:42:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016059-018
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 18
Lims Batch ID: 69591 Lims Sample ID: 18
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: quayler Date: 21-Dec-2012 07:44:55

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.216	5.204	0.012	100	2120462	10.0	
* 2 Chlorobenzene-d5	117	7.890	7.879	0.011	81	1482662	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	92	945938	10.0	
$ 4 BFB	95	3.441	3.747	-0.306	0	2055	0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.639	-0.003	66	487920	9.83	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.003	0	534959	9.23	
$ 7 Toluene-d8 (Surr)	98	6.576	6.568	0.008	92	1907042	9.93	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	96	681672	10.1	
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
12 Dichlorodifluoromethane	85	1.571	1.562	0.009	73	37093	0.9462	
13 Chloromethane	50	1.701	1.693	0.008	95	76414	1.09	
14 Vinyl chloride	62	1.796	1.799	-0.003	70	74777	1.07	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.080	2.095	-0.015	81	38738	1.19	
17 Chloroethane	64	2.175	2.178	-0.003	78	47890	1.18	
18 Dichlorofluoromethane	67		2.329					9
19 Trichlorofluoromethane	101	2.399	2.391	0.008	83	59816	1.06	
20 Ethyl ether	59		2.613					
21 Acrolein	56	2.707	2.710	-0.003	85	51690	8.13	
23 1,1-Dichloroethene	96	2.814	2.817	-0.003	84	52495	0.9768	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.837	2.829	0.008	52	34730	0.8276	
24 Acetone	43	2.837	2.829	0.008	97	126858	9.44	
22 Methylal	45		2.851					9
26 Iodomethane	142	2.944	2.947	-0.003	96	87838	1.03	
27 Carbon disulfide	76	3.015	3.006	0.009	100	169047	1.03	
28 Acetonitrile	41	3.050	3.053	-0.003	92	50761	13.4	
30 Methyl acetate	43	3.109	3.101	0.008	95	78638	1.98	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
29 3-Chloro-1-propene	76		3.110					9
31 Methylene Chloride	84	3.204	3.195	0.009	86	88473	0.6172	
32 2-Methyl-2-propanol	59	3.263	3.266	-0.003	91	51158	21.0	
33 Acrylonitrile	53	3.393	3.385	0.008	91	35851	1.92	
34 trans-1,2-Dichloroethene	96	3.441	3.432	0.009	72	56757	0.9748	
35 Methyl tert-butyl ether	73	3.441	3.432	0.009	88	131917	0.9225	
36 Hexane	86	3.677	3.669	0.008	84	8088	0.6981	
37 1,1-Dichloroethane	63	3.772	3.775	-0.003	89	93111	0.9672	
38 Vinyl acetate	86	3.808	3.799	0.009	96	6210	0.7553	
39 Isopropyl ether	87	3.831	3.832	-0.001	86	9834	0.2029	
40 2-Chloro-1,3-butadiene	53		3.856					9
41 Tert-butyl ethyl ether	59		4.128					9
43 cis-1,2-Dichloroethene	96	4.257	4.248	0.009	76	58942	0.9551	
42 2-Butanone (MEK)	43	4.245	4.248	-0.003	100	175543	9.03	
44 2,2-Dichloropropane	77	4.257	4.260	-0.003	83	48086	0.9605	
45 Propionitrile	54		4.293					
46 Ethyl acetate	43	4.245	4.293	-0.048	82	183005	5.06	
47 Methacrylonitrile	41		4.424					9
48 Chlorobromomethane	128	4.446	4.450	-0.004	76	32247	1.06	
50 Chloroform	83	4.506	4.497	0.009	64	92598	0.9522	
49 Tetrahydrofuran	42	4.494	4.497	-0.003	30	11326	0.8369	
51 1,1,1-Trichloroethane	97	4.683	4.686	-0.003	90	68843	0.9751	
52 Cyclohexane	56	4.742	4.745	-0.003	85	66181	0.7469	
53 1,1-Dichloropropene	75	4.813	4.816	-0.003	90	65870	0.9216	
54 Carbon tetrachloride	117	4.825	4.828	-0.003	78	54219	0.8815	
55 Isobutyl alcohol	41		4.850					9
57 Benzene	78	4.991	4.982	0.009	92	234239	1.01	
56 1,2-Dichloroethane	62	4.991	4.982	0.009	48	68171	1.01	
58 Tert-amyl methyl ether	73		5.062					
59 n-Heptane	100		5.204					
60 n-Butanol	56		5.406					9
61 Trichloroethene	130	5.523	5.526	-0.003	87	61512	1.04	
62 Ethyl acrylate	55		5.605					9
64 1,2-Dichloropropane	63	5.701	5.704	-0.003	79	50576	0.99	
63 Methylcyclohexane	83	5.701	5.704	-0.003	82	53943	0.6944	
65 Methyl methacrylate	41		5.784					9
66 Dibromomethane	93	5.807	5.810	-0.003	84	28887	0.9529	
67 1,4-Dioxane	88	5.819	5.810	0.009	19	11533	37.2	
68 Dichlorobromomethane	83	5.926	5.929	-0.003	91	59230	0.9396	
69 2-Nitropropane	41		6.116					9
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	82	37799	1.43	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	72	58287	0.8062	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.449	-0.003	95	334561	8.53	
73 Toluene	91	6.636	6.627	0.009	91	237457	1.00	
74 trans-1,3-Dichloropropene	75	6.801	6.804	-0.003	86	46213	0.7353	
75 Ethyl methacrylate	69	6.872	6.875	-0.003	79	40788	1.12	
76 1,1,2-Trichloroethane	97	6.967	6.970	-0.003	83	43923	0.9552	
77 1,3-Dichloropropane	76	7.121	7.124	-0.003	82	70543	0.8833	
78 Tetrachloroethene	164	7.133	7.136	-0.003	91	44686	0.9210	
79 2-Hexanone	43	7.192	7.183	0.009	97	224026	8.56	
80 n-Butyl acetate	56		7.299					9
81 Chlorodibromomethane	129	7.334	7.337	-0.003	74	40953	0.8709	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107	7.452	7.455	-0.003	83	41744	0.9228	
84 1-Chlorohexane	91		7.779					9
85 Chlorobenzene	112	7.913	7.905	0.008	96	152063	0.9751	
86 1,1,1,2-Tetrachloroethane	131	7.984	7.976	0.008	79	46796	0.8780	
87 Ethylbenzene	106	8.008	8.011	-0.003	96	72678	0.9125	
88 m-Xylene & p-Xylene	106	8.115	8.118	-0.003	98	166058	1.65	
89 o-Xylene	106	8.493	8.496	-0.003	90	82028	0.8463	
90 Styrene	104	8.505	8.508	-0.003	90	125346	0.7869	
91 Bromoform	173	8.683	8.686	-0.003	86	24939	0.8159	
92 Isopropylbenzene	105	8.848	8.851	-0.003	92	189686	0.8050	
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55		8.932					9
95 1,1,2,2-Tetrachloroethane	83	9.109	9.112	-0.003	85	61619	0.9138	
96 Bromobenzene	156	9.144	9.147	-0.003	87	68632	0.9514	
97 1,2,3-Trichloropropane	110	9.168	9.159	0.009	65	18716	0.8537	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.171	-0.003	64	9721	0.5830	
99 N-Propylbenzene	120	9.251	9.242	0.009	96	58328	0.8358	
100 2-Chlorotoluene	126	9.333	9.337	-0.004	96	57686	0.8729	
101 1,3,5-Trimethylbenzene	105	9.416	9.419	-0.003	92	156485	0.7781	
102 4-Chlorotoluene	126	9.440	9.443	-0.003	97	65539	0.9314	
103 tert-Butylbenzene	119	9.736	9.739	-0.003	88	153279	0.8514	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	93	163342	0.7907	
105 sec-Butylbenzene	105	9.961	9.952	0.009	85	175510	0.7808	
106 1,3-Dichlorobenzene	146	10.067	10.070	-0.003	94	131158	0.9843	
107 4-Isopropyltoluene	119	10.091	10.094	-0.003	92	155604	0.8124	
108 1,4-Dichlorobenzene	146	10.150	10.153	-0.003	77	150002	1.04	
109 1,2,3-Trimethylbenzene	105		10.198					9
110 n-Butylbenzene	91	10.505	10.496	0.009	93	124237	0.8121	
111 1,2-Dichlorobenzene	146	10.529	10.520	0.009	95	128416	1.00	
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.289	-0.003	36	9289	0.9228	
113 1,3,5-Trichlorobenzene	180	11.511	11.514	-0.003	90	64288	0.9201	
114 1,2,4-Trichlorobenzene	180	12.126	12.129	-0.003	85	78451	1.30	
115 Hexachlorobutadiene	225	12.303	12.307	-0.004	85	47228	1.58	
116 Naphthalene	128	12.374	12.378	-0.004	100	181925	1.24	
117 1,2,3-Trichlorobenzene	180	12.623	12.626	-0.003	98	89001	1.51	
118 2-Methylnaphthalene	142		13.689					
S 119 Trihalomethanes, Total	1				0		3.58	
S 120 1,2-Dichloroethene, Total	96				0		1.93	
S 121 1,3-Dichloropropene, Total	75				0		1.54	
S 122 Xylenes, Total	106				0		2.49	
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

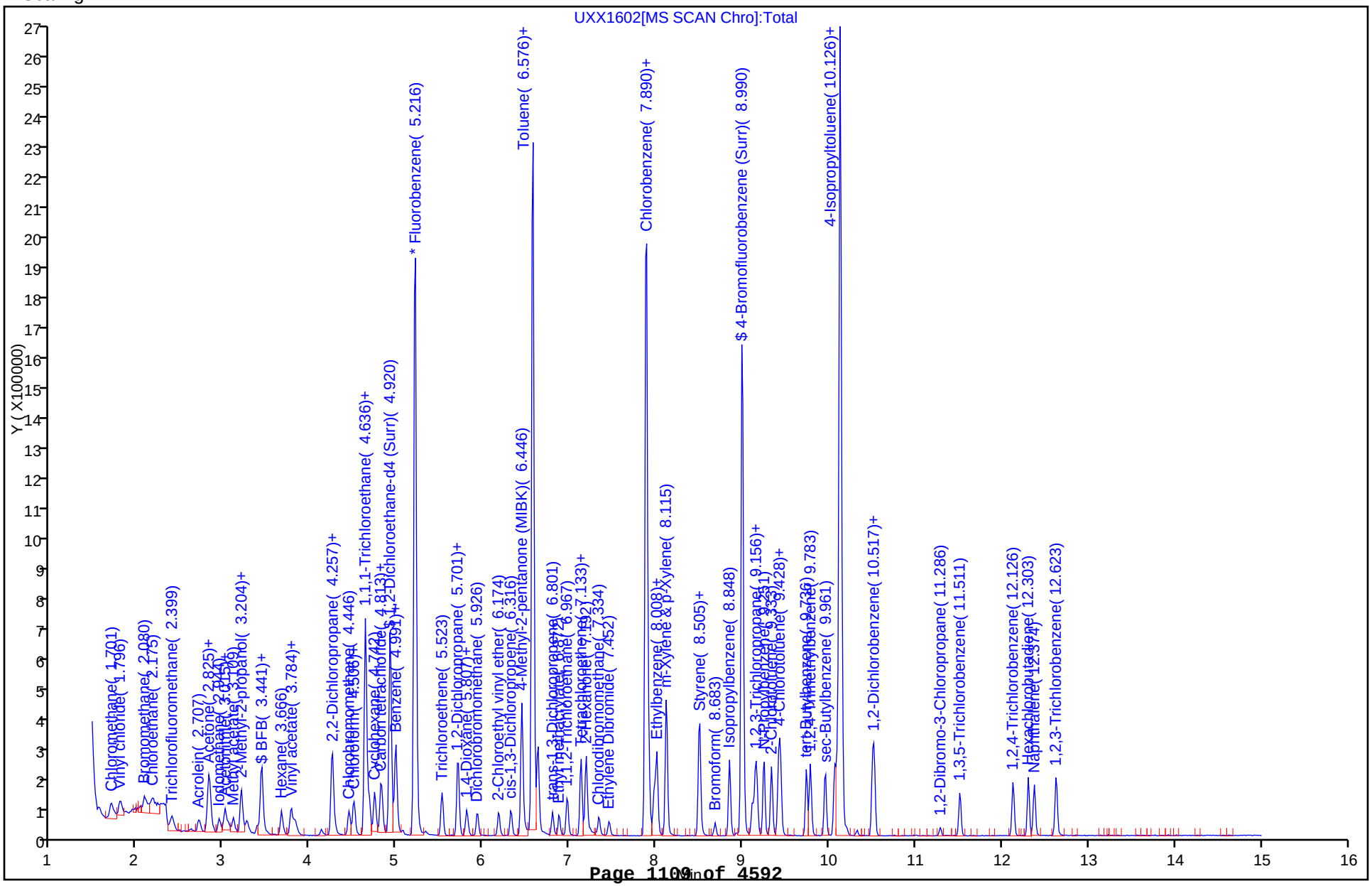
Report Date: 21-Dec-2012 08:54:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1602.D

Injection Date:	20-Dec-2012 17:42:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	18
Operator ID:	1904	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.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER MS | Lab Sample ID: 240-18703-24 MS

Matrix: Water | Lab File ID: UXX1600.D

Analysis Method: 8260B/DoD | Date Collected: 12/09/2012 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 16:58

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.: 69591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	17.3		10	0.57	0.57
67-64-1	Acetone	16.7		10	1.1	1.1
71-43-2	Benzene	9.80		1.0	0.25	0.13
75-25-2	Bromoform	9.03		1.0	0.64	0.64
75-34-3	1,1-Dichloroethane	9.66		1.0	0.25	0.15
74-83-9	Bromomethane	8.78		1.0	0.50	0.41
107-06-2	1,2-Dichloroethane	9.40		1.0	0.25	0.22
75-15-0	Carbon disulfide	10.2		1.0	0.25	0.13
56-23-5	Carbon tetrachloride	9.45		1.0	0.25	0.13
75-35-4	1,1-Dichloroethene	9.80		1.0	0.25	0.19
108-90-7	Chlorobenzene	9.57		1.0	0.25	0.15
540-59-0	1,2-Dichloroethene, Total	19.7		2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	10.0		1.0	0.25	0.18
75-27-4	Bromodichloromethane	9.79		1.0	0.25	0.15
74-87-3	Chloromethane	8.94		1.0	0.50	0.30
591-78-6	2-Hexanone	17.0		10	0.50	0.41
10061-01-5	cis-1,3-Dichloropropene	8.62		1.0	0.25	0.14
108-10-1	4-Methyl-2-pentanone (MIBK)	18.1		10	0.50	0.32
124-48-1	Dibromochloromethane	9.20		1.0	0.25	0.18
100-41-4	Ethylbenzene	9.92		1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	9.31		1.0	0.25	0.17
75-09-2	Methylene Chloride	9.24		1.0	0.50	0.33
79-34-5	1,1,2,2-Tetrachloroethane	8.29		1.0	0.25	0.18
100-42-5	Styrene	10.4		1.0	0.25	0.11
127-18-4	Tetrachloroethene	9.65		1.0	0.50	0.29
108-88-3	Toluene	9.46		1.0	0.25	0.13
67-66-3	Chloroform	9.89		1.0	0.25	0.16
71-55-6	1,1,1-Trichloroethane	9.67		1.0	0.25	0.22
74-97-5	Bromochloromethane	9.60		1.0	0.50	0.29
79-00-5	1,1,2-Trichloroethane	9.45		1.0	0.50	0.27
106-93-4	1,2-Dibromoethane	9.19		1.0	0.25	0.24
10061-02-6	trans-1,3-Dichloropropene	8.59		1.0	0.25	0.19
79-01-6	Trichloroethene	9.88		1.0	0.25	0.17
75-01-4	Vinyl chloride	8.97		1.0	0.25	0.22
75-00-3	Chloroethane	9.53		1.0	0.50	0.29
1330-20-7	Xylenes, Total	30.6		2.0	0.75	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER MS Lab Sample ID: 240-18703-24 MS

Matrix: Water Lab File ID: UXX1600.D

Analysis Method: 8260B/DoD Date Collected: 12/09/2012 10:30

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 16:58

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.: 69591 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-120
2037-26-5	Toluene-d8 (Surr)	100		85-120
460-00-4	4-Bromofluorobenzene (Surr)	107		75-120
1868-53-7	Dibromofluoromethane (Surr)	99		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1600.D
Lims ID: 240-18703-B-24 MS Client ID:
Inject. Date: 20-Dec-2012 16:58:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0016059-016
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 16
Lims Batch ID: 69591 Lims Sample ID: 16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.206	5.204	0.002	99	2087736	10.0	
* 2 Chlorobenzene-d5	117	7.880	7.879	0.001	84	1457645	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.128	10.127	0.001	89	980401	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.638	4.639	-0.001	59	482728	9.88	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.922	4.923	-0.001	0	502839	8.81	
$ 7 Toluene-d8 (Surr)	98	6.579	6.568	0.011	92	1895671	10.0	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	-0.001	94	710032	10.7	
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	86	292529	7.58	
13 Chloromethane	50	1.704	1.693	0.011	99	615738	8.94	
14 Vinyl chloride	62	1.798	1.799	-0.001	82	614480	8.97	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.094	2.095	-0.001	88	282341	8.78	
17 Chloroethane	64	2.177	2.178	-0.001	98	380588	9.53	
18 Dichlorofluoromethane	67		2.329					9
19 Trichlorofluoromethane	101	2.402	2.391	0.011	97	531366	9.58	
20 Ethyl ether	59	2.615	2.613	0.002	89	421191	9.61	
21 Acrolein	56	2.709	2.710	-0.001	92	159732	25.5	
23 1,1-Dichloroethene	96	2.816	2.817	-0.001	96	518565	9.80	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.828	2.829	-0.001	89	450780	10.9	
24 Acetone	43	2.828	2.829	-0.001	57	212047	16.7	
22 Methylal	45		2.851					9
26 Iodomethane	142	2.946	2.947	-0.001	96	878745	10.5	
27 Carbon disulfide	76	3.017	3.006	0.011	98	1647222	10.2	
28 Acetonitrile	41	3.052	3.053	-0.001	99	109955	29.4	
30 Methyl acetate	43	3.112	3.101	0.011	95	296008	7.57	
29 3-Chloro-1-propene	76		3.110					9
31 Methylene Chloride	84	3.206	3.195	0.011	84	579165	9.24	
32 2-Methyl-2-propanol	59	3.265	3.266	-0.001	95	459349	191.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
33 Acrylonitrile	53	3.384	3.385	-0.001	99	490677	26.6	
34 trans-1,2-Dichloroethene	96	3.443	3.432	0.011	70	573679	10.0	
35 Methyl tert-butyl ether	73	3.431	3.432	-0.001	89	1310935	9.31	
36 Hexane	86	3.668	3.669	-0.001	91	108661	9.53	
37 1,1-Dichloroethane	63	3.774	3.775	-0.001	85	915195	9.66	
38 Vinyl acetate	86	3.810	3.799	0.011	96	98517	12.2	
39 Isopropyl ether	87	3.833	3.832	0.001	95	479872	10.1	
40 2-Chloro-1,3-butadiene	53		3.856					9
41 Tert-butyl ethyl ether	59		4.128					9
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	68	586908	9.66	
42 2-Butanone (MEK)	43	4.248	4.248	0.0	57	331844	17.3	
44 2,2-Dichloropropane	77	4.259	4.260	-0.001	89	480386	9.75	
45 Propionitrile	54		4.293					
46 Ethyl acetate	43		4.293					9
47 Methacrylonitrile	41		4.424					9
48 Chlorobromomethane	128	4.449	4.450	-0.001	92	286920	9.60	
50 Chloroform	83	4.508	4.497	0.011	81	947051	9.89	
49 Tetrahydrofuran	42	4.496	4.497	-0.001	92	114416	8.59	
51 1,1,1-Trichloroethane	97	4.685	4.686	-0.001	88	672521	9.67	
52 Cyclohexane	56	4.745	4.745	0.0	87	797707	9.14	
53 1,1-Dichloropropene	75	4.816	4.816	0.0	94	679386	9.65	
54 Carbon tetrachloride	117	4.827	4.828	-0.001	89	572491	9.45	
55 Isobutyl alcohol	41	4.851	4.850	0.001	94	633106	524.4	
57 Benzene	78	4.993	4.982	0.011	95	2229874	9.80	
56 1,2-Dichloroethane	62	4.981	4.982	-0.001	46	627495	9.40	
58 Tert-amyl methyl ether	73		5.062					9
59 n-Heptane	100		5.204					
60 n-Butanol	56		5.406					
61 Trichloroethene	130	5.526	5.526	0.0	95	574046	9.88	
62 Ethyl acrylate	55	5.703	5.605	0.098	68	512963	0	
64 1,2-Dichloropropane	63	5.703	5.704	-0.001	80	502334	10.0	
63 Methylcyclohexane	83	5.703	5.704	-0.001	87	702749	9.19	
65 Methyl methacrylate	41		5.784					
66 Dibromomethane	93	5.809	5.810	-0.001	81	292629	9.80	
67 1,4-Dioxane	88		5.810					19
68 Dichlorobromomethane	83	5.928	5.929	-0.001	94	607494	9.79	
69 2-Nitropropane	41		6.116					
70 2-Chloroethyl vinyl ether	63		6.177					
71 cis-1,3-Dichloropropene	75	6.318	6.319	-0.001	91	613893	8.62	
72 4-Methyl-2-pentanone (MIBK)	43	6.448	6.449	-0.001	96	697734	18.1	
73 Toluene	91	6.638	6.627	0.011	98	2204918	9.46	
74 trans-1,3-Dichloropropene	75	6.803	6.804	-0.001	88	530846	8.59	
75 Ethyl methacrylate	69		6.875					
76 1,1,2-Trichloroethane	97	6.969	6.970	-0.001	89	427235	9.45	
77 1,3-Dichloropropane	76	7.123	7.124	-0.001	90	731086	9.31	
78 Tetrachloroethene	164	7.135	7.136	-0.001	92	460412	9.65	
79 2-Hexanone	43	7.194	7.183	0.011	95	436485	17.0	
80 n-Butyl acetate	56		7.299					
81 Chlorodibromomethane	129	7.336	7.337	-0.001	88	425493	9.20	
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107	7.454	7.455	-0.001	97	408941	9.19	
84 1-Chlorohexane	91		7.779					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
85 Chlorobenzene	112	7.916	7.905	0.011	97	1467917	9.57	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.976	-0.001	83	504846	9.63	
87 Ethylbenzene	106	8.010	8.011	-0.001	97	776795	9.92	
88 m-Xylene & p-Xylene	106	8.117	8.118	-0.001	99	2001829	20.2	
89 o-Xylene	106	8.496	8.496	0.0	90	995692	10.4	
90 Styrene	104	8.507	8.508	-0.001	92	1629855	10.4	
91 Bromoform	173	8.685	8.686	-0.001	98	271228	9.03	
92 Isopropylbenzene	105	8.851	8.851	0.0	95	2359365	10.2	
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55	8.933	8.932	0.001	84	178241	33.0	
95 1,1,2,2-Tetrachloroethane	83	9.111	9.112	-0.001	92	579356	8.29	
96 Bromobenzene	156	9.146	9.147	-0.001	91	682130	9.12	
97 1,2,3-Trichloropropane	110	9.158	9.159	-0.001	74	195185	8.59	
98 trans-1,4-Dichloro-2-butene	53	9.170	9.171	-0.001	76	238723	13.8	
99 N-Propylbenzene	120	9.253	9.242	0.011	97	697347	9.64	
100 2-Chlorotoluene	126	9.336	9.337	-0.001	98	641609	9.37	
101 1,3,5-Trimethylbenzene	105	9.418	9.419	-0.001	93	2060882	9.89	
102 4-Chlorotoluene	126	9.442	9.443	-0.001	97	680293	9.33	
103 tert-Butylbenzene	119	9.738	9.739	-0.001	91	1860789	9.97	
104 1,2,4-Trimethylbenzene	105	9.785	9.786	-0.001	75	2112525	9.87	
105 sec-Butylbenzene	105	9.951	9.952	-0.001	92	2227260	9.56	
106 1,3-Dichlorobenzene	146	10.069	10.070	-0.001	88	1329518	9.63	
107 4-Isopropyltoluene	119	10.093	10.094	-0.001	93	1993790	10.0	
108 1,4-Dichlorobenzene	146	10.152	10.153	-0.001	94	1372745	9.16	
109 1,2,3-Trimethylbenzene	105	10.199	10.198	0.001	95	2164827	10.5	
110 n-Butylbenzene	91	10.507	10.496	0.011	93	1497911	9.45	
111 1,2-Dichlorobenzene	146	10.519	10.520	-0.001	99	1256421	9.48	
112 1,2-Dibromo-3-Chloropropane	157	11.288	11.289	-0.001	80	91045	8.73	
113 1,3,5-Trichlorobenzene	180		11.514					
114 1,2,4-Trichlorobenzene	180	12.128	12.129	-0.001	93	523600	8.38	
115 Hexachlorobutadiene	225	12.306	12.307	-0.001	94	207308	6.67	
116 Naphthalene	128	12.377	12.378	-0.001	100	1168023	7.70	
117 1,2,3-Trichlorobenzene	180	12.625	12.626	-0.001	99	481232	7.87	
118 2-Methylnaphthalene	142		13.689					
S 119 Trihalomethanes, Total	1				0		37.9	
S 120 1,2-Dichloroethene, Total	96				0		19.7	
S 121 1,3-Dichloropropene, Total	75				0		17.2	
S 122 Xylenes, Total	106				0		30.7	
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

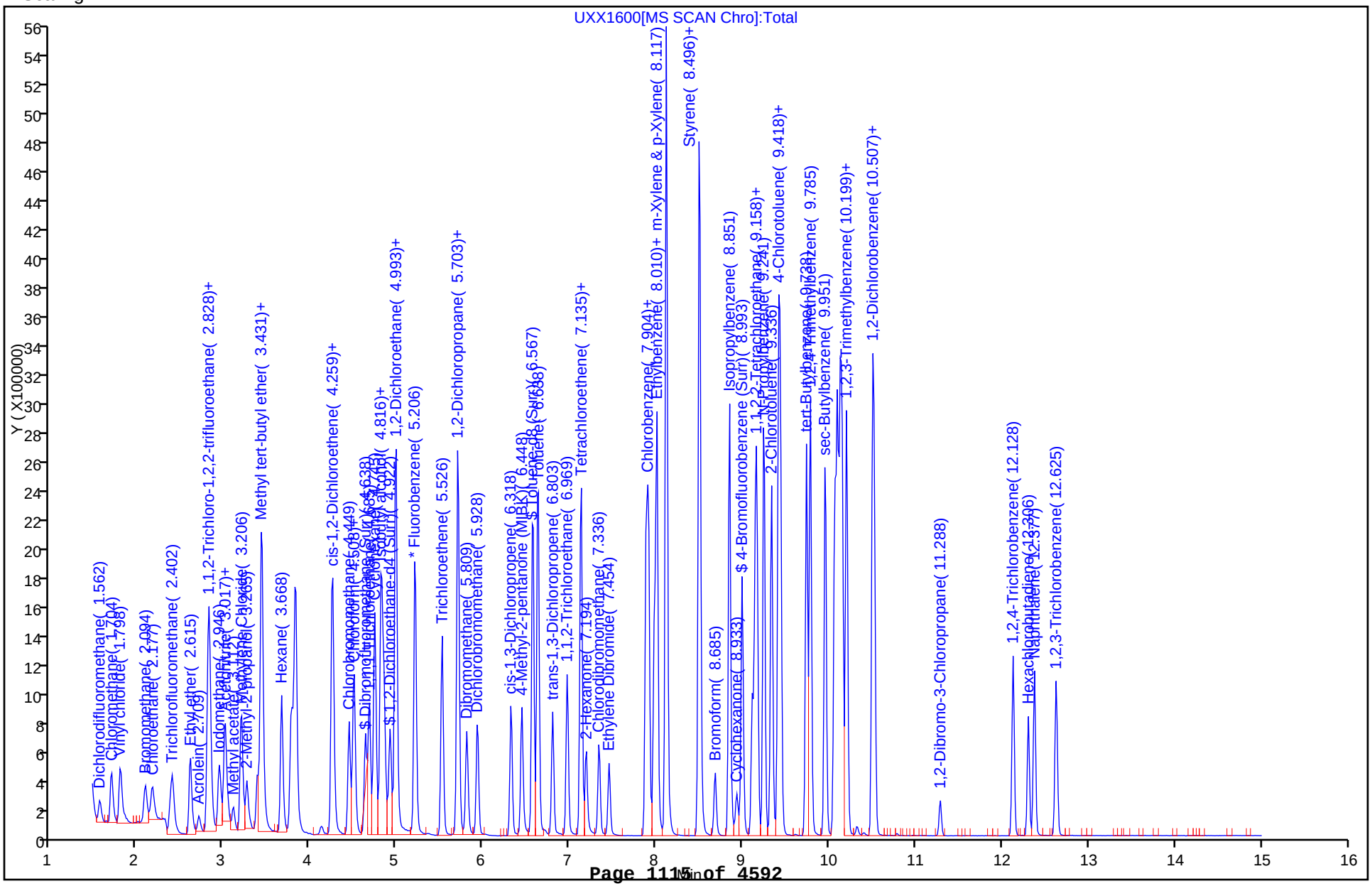
Report Date: 21-Dec-2012 08:34:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1600.D

Injection Date:	20-Dec-2012 16:58:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	16
Operator ID:	1904	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.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER MSD | Lab Sample ID: 240-18703-24 MSD

Matrix: Water | Lab File ID: UXX1601.D

Analysis Method: 8260B/DoD | Date Collected: 12/09/2012 10:30

Sample wt/vol: 5(mL) | Date Analyzed: 12/20/2012 17:20

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.: 69591 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	18.2		10	0.57	0.57
67-64-1	Acetone	17.0		10	1.1	1.1
71-43-2	Benzene	9.83		1.0	0.25	0.13
75-25-2	Bromoform	9.13		1.0	0.64	0.64
75-34-3	1,1-Dichloroethane	9.67		1.0	0.25	0.15
74-83-9	Bromomethane	8.58		1.0	0.50	0.41
107-06-2	1,2-Dichloroethane	9.54		1.0	0.25	0.22
75-15-0	Carbon disulfide	10.1		1.0	0.25	0.13
56-23-5	Carbon tetrachloride	9.69		1.0	0.25	0.13
75-35-4	1,1-Dichloroethene	10.0		1.0	0.25	0.19
108-90-7	Chlorobenzene	9.61		1.0	0.25	0.15
540-59-0	1,2-Dichloroethene, Total	19.7		2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	9.87		1.0	0.25	0.18
75-27-4	Bromodichloromethane	9.76		1.0	0.25	0.15
74-87-3	Chloromethane	9.11		1.0	0.50	0.30
591-78-6	2-Hexanone	18.0		10	0.50	0.41
10061-01-5	cis-1,3-Dichloropropene	8.96		1.0	0.25	0.14
108-10-1	4-Methyl-2-pentanone (MIBK)	18.5		10	0.50	0.32
124-48-1	Dibromochloromethane	9.26		1.0	0.25	0.18
100-41-4	Ethylbenzene	10.0		1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	9.54		1.0	0.25	0.17
75-09-2	Methylene Chloride	8.87		1.0	0.50	0.33
79-34-5	1,1,2,2-Tetrachloroethane	8.33		1.0	0.25	0.18
100-42-5	Styrene	10.3		1.0	0.25	0.11
127-18-4	Tetrachloroethene	9.87		1.0	0.50	0.29
108-88-3	Toluene	9.53		1.0	0.25	0.13
67-66-3	Chloroform	9.74		1.0	0.25	0.16
71-55-6	1,1,1-Trichloroethane	9.53		1.0	0.25	0.22
74-97-5	Bromochloromethane	9.63		1.0	0.50	0.29
79-00-5	1,1,2-Trichloroethane	9.65		1.0	0.50	0.27
106-93-4	1,2-Dibromoethane	9.27		1.0	0.25	0.24
10061-02-6	trans-1,3-Dichloropropene	9.00		1.0	0.25	0.19
79-01-6	Trichloroethene	10.2		1.0	0.25	0.17
75-01-4	Vinyl chloride	8.99		1.0	0.25	0.22
75-00-3	Chloroethane	9.14		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.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER MSD Lab Sample ID: 240-18703-24 MSD

Matrix: Water Lab File ID: UXX1601.D

Analysis Method: 8260B/DoD Date Collected: 12/09/2012 10:30

Sample wt/vol: 5(mL) Date Analyzed: 12/20/2012 17:20

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.: 69591 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)	99		85-120
460-00-4	4-Bromofluorobenzene (Surr)	108		75-120
1868-53-7	Dibromofluoromethane (Surr)	99		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1601.D
Lims ID: 240-18703-F-24 MSD Client ID:
Inject. Date: 20-Dec-2012 17:20:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0016059-017
Misc. Info.: P21220A,8260LLUX10,,1904 =P21220A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 17
Lims Batch ID: 69591 Lims Sample ID: 17
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121220-16059.b\8260_10.m
Last Update: 21-Dec-2012 08:34:47 Calib Date: 14-Dec-2012 19:27:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121214-15869.b\UXX1411.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK018

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.206	5.204	0.002	100	2153985	10.0	
* 2 Chlorobenzene-d5	117	7.880	7.879	0.001	83	1529246	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.127	0.002	85	1009734	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.638	4.639	-0.001	59	499061	9.90	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.922	4.923	-0.001	0	561133	9.53	
$ 7 Toluene-d8 (Surr)	98	6.567	6.568	-0.001	93	1962089	9.91	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	95	749884	10.8	
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
12 Dichlorodifluoromethane	85	1.574	1.562	0.012	86	296715	7.45	
13 Chloromethane	50	1.704	1.693	0.011	99	647693	9.11	
14 Vinyl chloride	62	1.798	1.799	-0.001	82	635334	8.99	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.094	2.095	-0.001	89	284702	8.58	
17 Chloroethane	64	2.177	2.178	-0.001	94	376678	9.14	
18 Dichlorofluoromethane	67		2.329					9
19 Trichlorofluoromethane	101	2.402	2.391	0.011	97	533774	9.33	
20 Ethyl ether	59	2.615	2.613	0.002	88	455955	10.1	
21 Acrolein	56	2.710	2.710	0.0	91	162856	25.2	
23 1,1-Dichloroethene	96	2.816	2.817	-0.001	88	546302	10.0	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.840	2.829	0.011	86	478735	11.2	
24 Acetone	43	2.828	2.829	-0.001	53	222588	17.0	
22 Methylal	45		2.851					9
26 Iodomethane	142	2.946	2.947	-0.001	96	875312	10.1	
27 Carbon disulfide	76	3.017	3.006	0.011	98	1678497	10.1	
28 Acetonitrile	41	3.053	3.053	0.0	94	118128	30.6	
30 Methyl acetate	43	3.112	3.101	0.011	90	318697	7.90	
29 3-Chloro-1-propene	76		3.110					9
31 Methylene Chloride	84	3.206	3.195	0.011	89	575760	8.87	
32 2-Methyl-2-propanol	59	3.266	3.266	0.0	93	522187	210.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
33 Acrylonitrile	53	3.384	3.385	-0.001	99	532740	28.0	
34 trans-1,2-Dichloroethene	96	3.443	3.432	0.011	72	580116	9.81	
35 Methyl tert-butyl ether	73	3.431	3.432	-0.001	89	1385895	9.54	
36 Hexane	86	3.668	3.669	-0.001	91	122300	10.4	
37 1,1-Dichloroethane	63	3.774	3.775	-0.001	85	945366	9.67	
38 Vinyl acetate	86	3.798	3.799	-0.001	97	99668	11.9	
39 Isopropyl ether	87	3.834	3.832	0.002	95	497792	10.1	
40 2-Chloro-1,3-butadiene	53		3.856					9
41 Tert-butyl ethyl ether	59		4.128					9
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	79	617204	9.85	
42 2-Butanone (MEK)	43	4.248	4.248	0.0	95	358421	18.2	
44 2,2-Dichloropropane	77	4.260	4.260	0.0	92	509071	10.0	
45 Propionitrile	54	4.248	4.293	-0.045	15	1236	0.2168	
46 Ethyl acetate	43		4.293					9
47 Methacrylonitrile	41		4.424					9
48 Chlorobromomethane	128	4.449	4.450	-0.001	91	297039	9.63	
50 Chloroform	83	4.508	4.497	0.011	93	961840	9.74	
49 Tetrahydrofuran	42	4.496	4.497	-0.001	84	123435	8.98	
51 1,1,1-Trichloroethane	97	4.686	4.686	0.0	94	683301	9.53	
52 Cyclohexane	56	4.745	4.745	0.0	87	853478	9.48	
53 1,1-Dichloropropene	75	4.816	4.816	0.0	91	706634	9.73	
54 Carbon tetrachloride	117	4.828	4.828	0.0	87	605252	9.69	
55 Isobutyl alcohol	41	4.851	4.850	0.001	94	694599	548.4	
57 Benzene	78	4.993	4.982	0.011	94	2307175	9.83	
56 1,2-Dichloroethane	62	4.981	4.982	-0.001	52	657052	9.54	
58 Tert-amyl methyl ether	73		5.062					9
59 n-Heptane	100		5.204					
60 n-Butanol	56		5.406					
61 Trichloroethene	130	5.526	5.526	0.0	91	613273	10.2	
62 Ethyl acrylate	55	5.703	5.605	0.098	63	568420	0	
64 1,2-Dichloropropane	63	5.715	5.704	0.011	80	510818	9.87	
63 Methylcyclohexane	83	5.703	5.704	-0.001	87	773577	9.80	
65 Methyl methacrylate	41		5.784					
66 Dibromomethane	93	5.810	5.810	0.0	83	306612	9.96	
67 1,4-Dioxane	88		5.810					19
68 Dichlorobromomethane	83	5.928	5.929	-0.001	94	625137	9.76	
69 2-Nitropropane	41	6.058	6.116	-0.058	44	1109	0.1593	
70 2-Chloroethyl vinyl ether	63		6.177					
71 cis-1,3-Dichloropropene	75	6.319	6.319	-0.001	92	658215	8.96	
72 4-Methyl-2-pentanone (MIBK)	43	6.449	6.449	0.0	96	737918	18.5	
73 Toluene	91	6.638	6.627	0.011	99	2331862	9.53	
74 trans-1,3-Dichloropropene	75	6.804	6.804	0.0	87	583656	9.00	
75 Ethyl methacrylate	69		6.875					
76 1,1,2-Trichloroethane	97	6.969	6.970	-0.001	83	457488	9.65	
77 1,3-Dichloropropane	76	7.123	7.124	-0.001	89	758784	9.21	
78 Tetrachloroethene	164	7.135	7.136	-0.001	90	493998	9.87	
79 2-Hexanone	43	7.194	7.183	0.011	96	485475	18.0	
80 n-Butyl acetate	56		7.299					9
81 Chlorodibromomethane	129	7.336	7.337	-0.001	88	449371	9.26	
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107	7.454	7.455	-0.001	98	432587	9.27	
84 1-Chlorohexane	91		7.779					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
85 Chlorobenzene	112	7.916	7.905	0.011	95	1545822	9.61	
86 1,1,1,2-Tetrachloroethane	131	7.987	7.976	0.011	84	533530	9.71	
87 Ethylbenzene	106	8.011	8.011	0.0	97	825323	10.0	
88 m-Xylene & p-Xylene	106	8.117	8.118	-0.001	99	2111952	20.3	
89 o-Xylene	106	8.496	8.496	0.0	90	1020815	10.2	
90 Styrene	104	8.508	8.508	0.0	92	1697889	10.3	
91 Bromoform	173	8.685	8.686	-0.001	99	287783	9.13	
92 Isopropylbenzene	105	8.851	8.851	0.0	94	2540421	10.5	
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55	8.934	8.932	0.002	85	207874	37.3	
95 1,1,2,2-Tetrachloroethane	83	9.111	9.112	-0.001	89	599756	8.33	
96 Bromobenzene	156	9.147	9.147	0.0	90	724354	9.41	
97 1,2,3-Trichloropropane	110	9.158	9.159	-0.001	73	207573	8.87	
98 trans-1,4-Dichloro-2-butene	53	9.170	9.171	-0.001	80	248257	13.9	
99 N-Propylbenzene	120	9.241	9.242	-0.001	97	742773	9.97	
100 2-Chlorotoluene	126	9.336	9.337	-0.001	98	670775	9.51	
101 1,3,5-Trimethylbenzene	105	9.419	9.419	0.0	92	2106301	9.81	
102 4-Chlorotoluene	126	9.442	9.443	-0.001	97	708245	9.43	
103 tert-Butylbenzene	119	9.738	9.739	-0.001	88	1956029	10.2	
104 1,2,4-Trimethylbenzene	105	9.786	9.786	0.0	76	2187002	9.92	
105 sec-Butylbenzene	105	9.951	9.952	-0.001	93	2343321	9.77	
106 1,3-Dichlorobenzene	146	10.070	10.070	0.0	88	1364893	9.60	
107 4-Isopropyltoluene	119	10.093	10.094	-0.001	93	2099911	10.3	
108 1,4-Dichlorobenzene	146	10.152	10.153	-0.001	94	1401613	9.08	
109 1,2,3-Trimethylbenzene	105	10.200	10.198	0.002	95	2238859	10.5	
110 n-Butylbenzene	91	10.495	10.496	-0.001	95	1578569	9.67	
111 1,2-Dichlorobenzene	146	10.519	10.520	-0.001	98	1316611	9.65	
112 1,2-Dibromo-3-Chloropropane	157	11.288	11.289	-0.001	84	95437	8.88	
113 1,3,5-Trichlorobenzene	180		11.514					
114 1,2,4-Trichlorobenzene	180	12.128	12.129	-0.001	90	601097	9.34	
115 Hexachlorobutadiene	225	12.306	12.307	-0.001	91	254857	7.97	
116 Naphthalene	128	12.377	12.378	-0.001	100	1437267	9.20	
117 1,2,3-Trichlorobenzene	180	12.625	12.626	-0.001	100	569309	9.04	
118 2-Methylnaphthalene	142		13.689					
S 119 Trihalomethanes, Total	1				0		37.9	
S 120 1,2-Dichloroethene, Total	96				0		19.7	
S 121 1,3-Dichloropropene, Total	75				0		18.0	
S 122 Xylenes, Total	106				0		30.5	
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

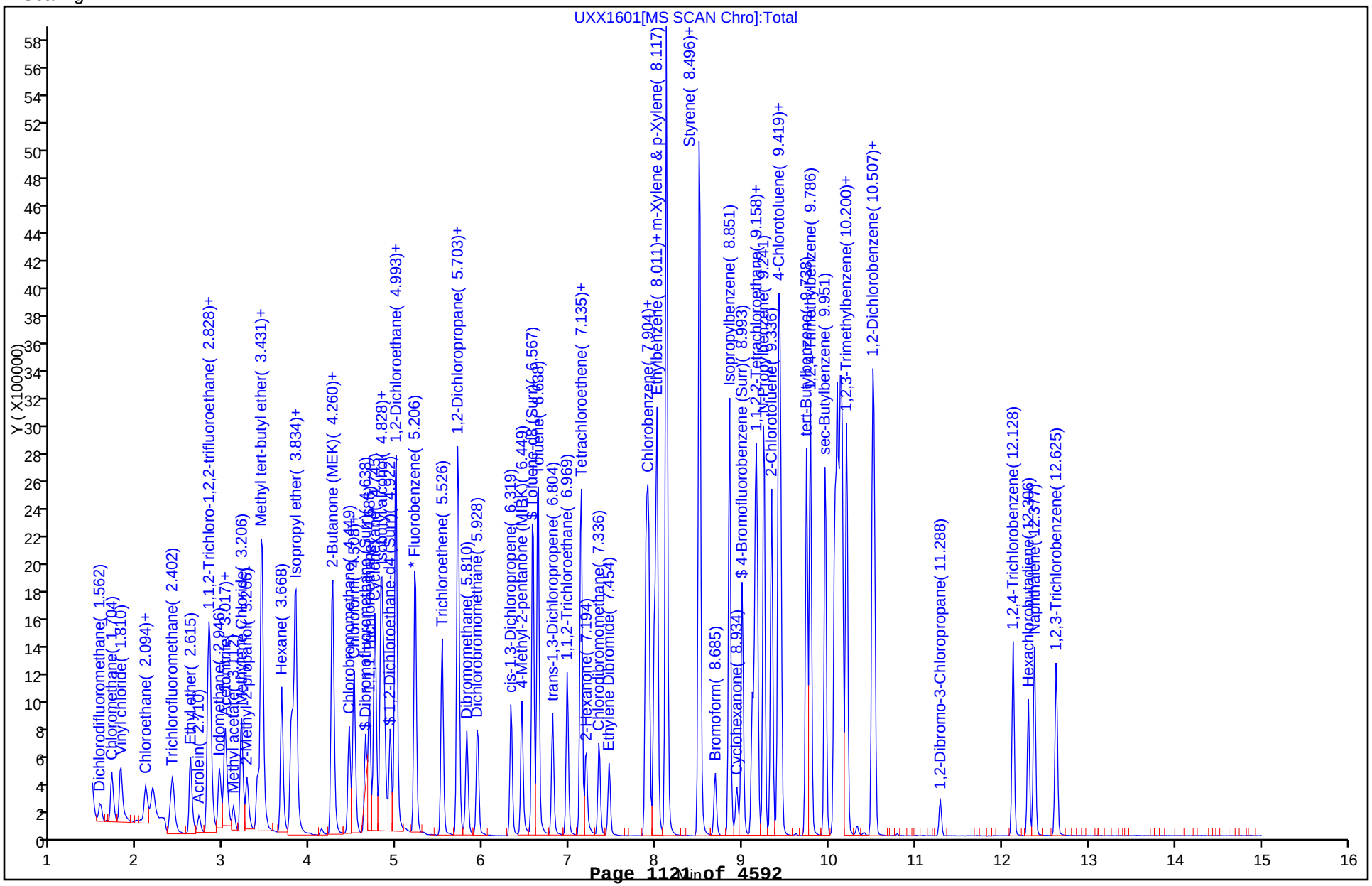
Report Date: 21-Dec-2012 08:34:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121220-16059.b\UXX1601.D

Injection Date:	20-Dec-2012 17:20:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	69591	Lims Sample ID:	17
Operator ID:	1904	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.: 240-18703-1

SDG No.:

Instrument ID: A3UX10 Start Date: 12/14/2012 15:04

Analysis Batch Number: 68811 End Date: 12/14/2012 19:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-68811/1		12/14/2012 15:04	1	BFB5078.D	DB-624 0.18(mm)
STD8260 240-68811/2 IC		12/14/2012 15:32	1	UXX1400.D	DB-624 0.18(mm)
STD8260 240-68811/3 IC		12/14/2012 15:53	1	UXX1401.D	DB-624 0.18(mm)
STD8260 240-68811/4 ICIS		12/14/2012 16:15	1	UXX1402.D	DB-624 0.18(mm)
STD8260 240-68811/5 IC		12/14/2012 16:36	1	UXX1403.D	DB-624 0.18(mm)
STD8260 240-68811/6 IC		12/14/2012 16:57	1	UXX1404.D	DB-624 0.18(mm)
STD8260 240-68811/7 IC		12/14/2012 17:19	1	UXX1405.D	DB-624 0.18(mm)
STDA9 240-68811/8 IC		12/14/2012 17:40	1		DB-624 0.18(mm)
STDA9 240-68811/9 IC		12/14/2012 18:01	1		DB-624 0.18(mm)
STDA9 240-68811/10 IC		12/14/2012 18:23	1		DB-624 0.18(mm)
STDA9 240-68811/11 IC		12/14/2012 18:44	1		DB-624 0.18(mm)
STDA9 240-68811/12 IC		12/14/2012 19:05	1		DB-624 0.18(mm)
STDA9 240-68811/13 IC		12/14/2012 19:27	1		DB-624 0.18(mm)
ICV 240-68811/14		12/14/2012 19:48	1	UXX1412.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A3UX10 Start Date: 12/20/2012 10:51

Analysis Batch Number: 69591 End Date: 12/20/2012 18:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-69591/1		12/20/2012 10:51	1	BFB5089.D	DB-624 0.18(mm)
CCV 240-69591/2		12/20/2012 11:59	1	UXX1587.D	DB-624 0.18(mm)
LCS 240-69591/4		12/20/2012 12:21	1	UXX1588.D	DB-624 0.18(mm)
MRL 240-69591/5		12/20/2012 12:43	1	UXX1589.D	DB-624 0.18(mm)
MB 240-69591/6		12/20/2012 13:05	1	UXX1590.D	DB-624 0.18(mm)
240-18703-24	076-0140-0001-ER	12/20/2012 13:42	1	UXX1591.D	DB-624 0.18(mm)
ZZZZZ		12/20/2012 14:04	1		DB-624 0.18(mm)
ZZZZZ		12/20/2012 14:26	1		DB-624 0.18(mm)
240-18703-2	076SB-0137-0001-TB	12/20/2012 14:47	1	UXX1594.D	DB-624 0.18(mm)
240-18703-3	076SB-0138-0001-TB	12/20/2012 15:09	1	UXX1595.D	DB-624 0.18(mm)
240-18703-4	076SB-0139-0001-TB	12/20/2012 15:31	1	UXX1596.D	DB-624 0.18(mm)
240-18703-25	076-0141-0001-TB	12/20/2012 15:53	1	UXX1597.D	DB-624 0.18(mm)
240-18703-26	076-0142-0001-TB	12/20/2012 16:15	1	UXX1598.D	DB-624 0.18(mm)
ZZZZZ		12/20/2012 16:37	1		DB-624 0.18(mm)
240-18703-24 MS	076-0140-0001-ER MS	12/20/2012 16:58	1	UXX1600.D	DB-624 0.18(mm)
240-18703-24 MSD	076-0140-0001-ER MSD	12/20/2012 17:20	1	UXX1601.D	DB-624 0.18(mm)
MRL 240-69591/18		12/20/2012 17:42	1	UXX1602.D	DB-624 0.18(mm)
LODV 240-69591/19		12/20/2012 18:04	1	UXX1603.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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		DB-624 0.18(mm)
ICV 240-68830/12		12/15/2012 00:50	1	UX82465.D	DB-624 0.18(mm)
ZZZZZ		12/15/2012 01:12	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 01:33	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 01:54	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 02:51	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 03:13	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 03:34	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 03:55	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 04:16	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 04:38	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 04:59	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 05:20	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 06:03	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 06:24	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 06:45	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 07:06	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 07:28	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 07:49	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 08:10	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 08:31	1		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.: 240-18703-1

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		DB-624 0.18(mm)
CCV 240-68879/4		12/15/2012 17:58	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 18:19	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 18:40	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 19:02	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 19:56	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 20:39	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 21:00	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 21:21	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 21:42	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 22:04	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 22:25	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 22:46	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 23:07	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 23:29	1		DB-624 0.18(mm)
ZZZZZ		12/15/2012 23:50	1		DB-624 0.18(mm)
ZZZZZ		12/16/2012 00:11	1		DB-624 0.18(mm)
ZZZZZ		12/16/2012 00:33	1		DB-624 0.18(mm)
ZZZZZ		12/16/2012 00:54	1		DB-624 0.18(mm)
ZZZZZ		12/16/2012 01:15	1		DB-624 0.18(mm)
ZZZZZ		12/16/2012 01:36	1		DB-624 0.18(mm)
ZZZZZ		12/16/2012 01:57	1		DB-624 0.18(mm)
ZZZZZ		12/16/2012 02:19	1		DB-624 0.18(mm)
ZZZZZ		12/16/2012 02:40	1		DB-624 0.18(mm)
ZZZZZ		12/16/2012 03:01	1		DB-624 0.18(mm)
ZZZZZ		12/16/2012 03:22	1		DB-624 0.18(mm)
ZZZZZ		12/16/2012 03:44	1		DB-624 0.18(mm)
ZZZZZ		12/16/2012 04:05	1		DB-624 0.18(mm)
ZZZZZ		12/16/2012 04:26	1		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.: 240-18703-1

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)
240-18703-18	072SB-0075-0001-SO	12/17/2012 02:03	1	UX82533.D	DB-624 0.18(mm)
ZZZZZ		12/17/2012 02:46	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 03:07	1		DB-624 0.18(mm)
ZZZZZ		12/17/2012 03:28	1		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)
240-18703-8	072SB-0082-0001-SO	12/17/2012 10:12	1	UX82556.D	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.: 240-18703-1

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	UX82561.D	DB-624 0.18(mm)
CCV 240-69093/5		12/17/2012 23:33	1	UX82562.D	DB-624 0.18(mm)
MRL 240-69093/6		12/17/2012 23:54	1	UX82563.D	DB-624 0.18(mm)
LCS 240-69093/7		12/18/2012 00:15	1	UX82564.D	DB-624 0.18(mm)
MB 240-69093/8		12/18/2012 00:37	1	UX82565.D	DB-624 0.18(mm)
240-18703-1	072SB-0092-0001-SO	12/18/2012 01:10	1	UX82566.D	DB-624 0.18(mm)
240-18703-9	072SB-0083-0001-SO	12/18/2012 01:31	1	UX82567.D	DB-624 0.18(mm)
240-18703-10	072SB-0084-0001-SO	12/18/2012 01:52	1	UX82568.D	DB-624 0.18(mm)
240-18703-11	072SB-0085-0001-SO	12/18/2012 02:14	1	UX82569.D	DB-624 0.18(mm)
240-18703-12	072SB-0086-0001-SO	12/18/2012 02:35	1	UX82570.D	DB-624 0.18(mm)
240-18703-14	072SB-0088-0001-SO	12/18/2012 03:18	1	UX82572.D	DB-624 0.18(mm)
240-18703-16	072SB-0090-0001-SO	12/18/2012 04:00	1	UX82574.D	DB-624 0.18(mm)
240-18703-17	072SB-0091-0001-SO	12/18/2012 04:21	1	UX82575.D	DB-624 0.18(mm)
240-18703-20	072SB-0077-0001-SO	12/18/2012 05:04	1	UX82577.D	DB-624 0.18(mm)
240-18703-21	072SB-0079-0001-SO	12/18/2012 05:25	1	UX82578.D	DB-624 0.18(mm)
240-18703-22	072SB-0080-0001-SO	12/18/2012 05:46	1	UX82579.D	DB-624 0.18(mm)
240-18703-23	072SB-0081-0001-SO	12/18/2012 06:08	1	UX82580.D	DB-624 0.18(mm)
240-18703-13	072SB-0087-0001-SO	12/18/2012 06:50	1	UX82582.D	DB-624 0.18(mm)
240-18703-15	072SB-0089-0001-SO	12/18/2012 07:11	1	UX82583.D	DB-624 0.18(mm)
240-18703-19	072SB-0076-0001-SO	12/18/2012 08:15	1	UX82586.D	DB-624 0.18(mm)
MRL 240-69093/34		12/18/2012 10:01	1	UX82591.D	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.: 240-18703-1

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.: 240-18703-1

SDG No.:

Batch Number: 68832 Batch Start Date: 12/15/12 00:49 Batch Analyst: Mancine, Louis

Batch Method: 5035 Batch End Date: 12/15/12 02:16

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
240-18703-B-1	072SB-0092-0001-SO	5035, 8260B/DoD	T	+030.456 g	37.30 g	6.844 g	5 mL		
240-18703-C-8	072SB-0082-0001-SO	5035, 8260B/DoD	T	+030.598 g	36.75 g	6.152 g	5 mL		
240-18703-B-9	072SB-0083-0001-SO	5035, 8260B/DoD	T	+030.861 g	37.10 g	6.239 g	5 mL		
240-18703-B-10	072SB-0084-0001-SO	5035, 8260B/DoD	T	30.674 g	36.69 g	6.016 g	5 mL	Terra cores received with no tare weight.	
240-18703-B-11	072SB-0085-0001-SO	5035, 8260B/DoD	T	30.674 g	35.61 g	4.936 g	5 mL	Terra cores received with no tare weight.	
240-18703-B-12	072SB-0086-0001-SO	5035, 8260B/DoD	T	+030.757 g	36.73 g	5.973 g	5 mL		
240-18703-C-13	072SB-0087-0001-SO	5035, 8260B/DoD	T	30.674 g	35.05 g	4.376 g	5 mL	Terra cores received with no tare weight.	
240-18703-B-14	072SB-0088-0001-SO	5035, 8260B/DoD	T	30.674 g	36.33 g	5.656 g	5 mL	Terra cores received with no tare weight.	
240-18703-C-15	072SB-0089-0001-SO	5035, 8260B/DoD	T	30.674 g	35.63 g	4.956 g	5 mL	Terra cores received with no tare weight.	
240-18703-B-16	072SB-0090-0001-SO	5035, 8260B/DoD	T	+030.637 g	35.92 g	5.283 g	5 mL		
240-18703-B-17	072SB-0091-0001-SO	5035, 8260B/DoD	T	30.674 g	35.05 g	4.376 g	5 mL	Terra cores received with no tare weight.	
240-18703-B-18	072SB-0075-0001-SO	5035, 8260B/DoD	T	+030.203 g	36.72 g	6.517 g	5 mL		
240-18703-C-19	072SB-0076-0001-SO	5035, 8260B/DoD	T	+030.347 g	37.73 g	7.383 g	5 mL		
240-18703-B-20	072SB-0077-0001-SO	5035, 8260B/DoD	T	+030.454 g	37.00 g	6.546 g	5 mL		
240-18703-B-21	072SB-0079-0001-SO	5035, 8260B/DoD	T	+030.244 g	36.23 g	5.986 g	5 mL		
240-18703-B-22	072SB-0080-0001-SO	5035, 8260B/DoD	T	+030.625 g	37.32 g	6.695 g	5 mL		
240-18703-B-23	072SB-0081-0001-SO	5035, 8260B/DoD	T	+031.132 g	34.72 g	3.588 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.: 240-18703-1

SDG No.:

Batch Number: 68832 Batch Start Date: 12/15/12 00:49 Batch Analyst: Mancine, Louis

Batch Method: 5035 Batch End Date: 12/15/12 02:16

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.: 240-18703-1

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-0092-0001-SO	240-18703-1	70	72	57	52	50	67
072SB-0082-0001-SO	240-18703-8	72	69	57	50	57	70
072SB-0083-0001-SO	240-18703-9	71	73	59	53	53	66
072SB-0084-0001-SO	240-18703-10	77	77	65	56	50	70
072SB-0085-0001-SO	240-18703-11	75	79	64	55	47	71
072SB-0086-0001-SO	240-18703-12	78	77	61	57	47	69
072SB-0087-0001-SO	240-18703-13	77	74	61	54	53	64
072SB-0088-0001-SO	240-18703-14	76	74	56	51	62	62
072SB-0089-0001-SO	240-18703-15	70	69	56	51	52	63
072SB-0090-0001-SO	240-18703-16	72	70	59	50	61	63
072SB-0091-0001-SO	240-18703-17	72	71	56	51	56	70
072SB-0075-0001-SO	240-18703-18	78	75	60	57	50	68
072SB-0076-0001-SO	240-18703-19	66	66	59	51	58	69
072SB-0077-0001-SO	240-18703-20	72	70	57	49	49	67
072SB-0079-0001-SO	240-18703-21	70	73	50	48	60	61
072SB-0080-0001-SO	240-18703-22	72	71	60	54	56	68
072SB-0081-0001-SO	240-18703-23	65	67	51	50	54	65
	MB 240-69569/23-A	81	78	64	57	71	75
	MB 240-69614/23-A	63	64	50	47	52	57
	MB 240-69993/23-A	73	74	61	59	61	72
	LCS 240-69569/24-A	74	72	64	56	76	72
	LCS 240-69614/24-A	66	66	51	51	71	64
	LCS 240-69993/24-A	60	60	57	54	69	63

	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.: 240-18703-1

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 240-69988/3	102		102	Q	108	Q	96		106		98	
	MRL 240-69988/25	109	Q	107	Q	104	Q	99		98		95	
	MRL 240-70697/4	107	Q	107	Q	104	Q	102		109		103	
	MRL 240-70697/13	109	Q	109	Q	103	Q	103		105		102	

	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.: 240-18703-1

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 #
076-0140-0001-ER	240-18703-24	60	64	69	66	69	76
	MB 240-68547/18-A	68	69	76	77	77	84
	LCS 240-68547/19-A	72	73	78	74	83	83

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	20-110
PHL = Phenol-d5 (Surr)	10-115
NBZ = Nitrobenzene-d5 (Surr)	40-110
FBP = 2-Fluorobiphenyl (Surr)	50-110
TBP = 2,4,6-Tribromophenol (Surr)	40-125
TPH = Terphenyl-d14 (Surr)	50-135

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.: 240-18703-1

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 240-68962/3	105	105	108	112 Q	119	107
	MRL 240-68962/10	102	105	109	110	127 Q	110

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	50-150
PHL = Phenol-d5 (Surr)	50-150
NBZ = Nitrobenzene-d5 (Surr)	50-150
FBP = 2-Fluorobiphenyl (Surr)	70-130
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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21217005.D

Lab ID: LCS 240-68547/19-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acenaphthene	20.0	15.4	77	45-110	
Acenaphthylene	20.0	15.4	77	50-105	
Anthracene	20.0	15.8	79	55-110	
Benzo[a]anthracene	20.0	15.8	79	55-110	
Benzo[a]pyrene	20.0	14.0	70	55-110	
Benzo[b]fluoranthene	20.0	16.9	84	45-120	
Benzo[g,h,i]perylene	20.0	18.3	91	40-125	
Benzoic acid	20.0	10 U	36	0-125	
Benzo[k]fluoranthene	20.0	16.7	84	45-125	
Benzyl alcohol	20.0	16.0	80	30-110	
Bis(2-chloroethoxy)methane	20.0	14.7	73	45-105	
Bis(2-chloroethyl)ether	20.0	15.3	76	35-110	
bis (2-chloroisopropyl) ether	20.0	14.1	71	25-130	
Bis(2-ethylhexyl) phthalate	20.0	15.3	76	40-125	
4-Bromophenyl phenyl ether	20.0	16.8	84	50-115	
Butyl benzyl phthalate	20.0	15.5	78	45-115	
Carbazole	20.0	15.7	79	50-115	
4-Chloroaniline	20.0	14.0	70	15-110	
4-Chloro-3-methylphenol	20.0	16.3	81	45-110	
2-Chloronaphthalene	20.0	15.0	75	50-105	
2-Chlorophenol	20.0	15.7	79	35-105	
4-Chlorophenyl phenyl ether	20.0	16.3	81	50-110	
Chrysene	20.0	16.4	82	55-110	
Dibenz(a,h)anthracene	20.0	16.8	84	40-125	
Dibenzofuran	20.0	15.4	77	55-105	
1,2-Dichlorobenzene	20.0	14.6	73	35-100	
1,3-Dichlorobenzene	20.0	14.2	71	30-100	
1,4-Dichlorobenzene	20.0	14.6	73	30-100	
3,3'-Dichlorobenzidine	20.0	10.1	50	20-110	
2,4-Dichlorophenol	20.0	16.3	82	50-105	
Diethyl phthalate	20.0	16.9	85	40-120	
2,4-Dimethylphenol	20.0	11.7	58	30-110	
Dimethyl phthalate	20.0	17.1	85	25-125	
Di-n-butyl phthalate	20.0	16.9	85	55-115	
4,6-Dinitro-2-methylphenol	20.0	14.8	74	40-130	
2,4-Dinitrophenol	20.0	12.5	63	15-140	
2,4-Dinitrotoluene	20.0	16.9	84	50-120	
2,6-Dinitrotoluene	20.0	16.7	84	50-115	
Di-n-octyl phthalate	20.0	15.6	78	35-135	
Fluoranthene	20.0	16.5	83	55-115	
Fluorene	20.0	15.8	79	50-110	
Hexachlorobenzene	20.0	16.2	81	50-110	

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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21217005.D

Lab ID: LCS 240-68547/19-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	20.0	15.3	77	25-105	
Hexachloroethane	20.0	14.0	70	30-95	
Indeno[1,2,3-cd]pyrene	20.0	16.7	83	45-125	
Isophorone	20.0	16.5	82	50-110	
2-Methylnaphthalene	20.0	15.5	78	45-105	
2-Methylphenol	20.0	14.2	71	40-110	
3 & 4 Methylphenol	40.0	29.1	73	30-110	
Naphthalene	20.0	15.3	76	40-100	
2-Nitroaniline	20.0	16.6	83	50-115	
3-Nitroaniline	20.0	16.2	81	20-125	
4-Nitroaniline	20.0	15.0	75	35-120	
Nitrobenzene	20.0	16.1	81	45-110	
2-Nitrophenol	20.0	16.2	81	40-115	
4-Nitrophenol	20.0	19.1	95	0-125	
N-Nitrosodi-n-propylamine	20.0	16.0	80	35-130	
N-Nitrosodiphenylamine	20.0	15.3	77	50-110	
Pentachlorophenol	20.0	12.7	63	40-115	
Phenanthrene	20.0	15.8	79	50-115	
Phenol	20.0	15.0	75	0-115	
Pyrene	20.0	14.9	75	50-130	
1,2,4-Trichlorobenzene	20.0	14.8	74	35-105	
2,4,5-Trichlorophenol	20.0	16.2	81	50-110	
2,4,6-Trichlorophenol	20.0	17.0	85	50-115	

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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224005.D

Lab ID: LCS 240-69569/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	469	70	45-110	
Acenaphthylene	667	479	72	45-105	
Anthracene	667	528	79	55-105	
Benzo[a]anthracene	667	558	84	50-110	
Benzo[a]pyrene	667	550	82	50-110	
Benzo[b]fluoranthene	667	577	87	45-115	
Benzo[g,h,i]perylene	667	607	91	40-125	
Benzoic acid	667	330 U	11	0-110	
Benzo[k]fluoranthene	667	617	93	45-125	
Benzyl alcohol	667	481	72	20-125	
Bis(2-chloroethoxy)methane	667	408	61	45-110	
Bis(2-chloroethyl)ether	667	403	60	40-105	
bis (2-chloroisopropyl) ether	667	400	60	20-115	
Bis(2-ethylhexyl) phthalate	667	595	89	45-125	
4-Bromophenyl phenyl ether	667	431	65	45-115	
Butyl benzyl phthalate	667	600	90	50-125	
Carbazole	667	560	84	45-115	
4-Chloroaniline	667	360	54	10-110	
4-Chloro-3-methylphenol	667	544	82	45-115	
2-Chloronaphthalene	667	388	58	45-105	
2-Chlorophenol	667	492	74	45-105	
4-Chlorophenyl phenyl ether	667	440	66	45-110	
Chrysene	667	559	84	55-110	
Dibenz(a,h)anthracene	667	580	87	40-125	
Dibenzofuran	667	476	71	50-105	
1,2-Dichlorobenzene	667	368	55	45-110	
1,3-Dichlorobenzene	667	370	55	40-100	
1,4-Dichlorobenzene	667	487	73	35-105	
3,3'-Dichlorobenzidine	667	366	55	10-130	
2,4-Dichlorophenol	667	501	75	45-110	
Diethyl phthalate	667	565	85	50-115	
2,4-Dimethylphenol	667	377	57	30-105	
Dimethyl phthalate	667	537	80	50-110	
Di-n-butyl phthalate	667	583	87	55-110	
4,6-Dinitro-2-methylphenol	667	487	73	30-135	
2,4-Dinitrophenol	667	368	55	15-130	
2,4-Dinitrotoluene	667	500	75	50-115	
2,6-Dinitrotoluene	667	481	72	50-110	
Di-n-octyl phthalate	667	563	84	40-130	
Fluoranthene	667	552	83	55-115	
Fluorene	667	508	76	50-110	
Hexachlorobenzene	667	425	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224005.D

Lab ID: LCS 240-69569/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	393	59	40-115	
Hexachloroethane	667	412	62	35-110	
Indeno[1,2,3-cd]pyrene	667	592	89	40-120	
Isophorone	667	517	78	45-110	
2-Methylnaphthalene	667	484	73	45-105	
2-Methylphenol	667	477	72	40-105	
3 & 4 Methylphenol	1330	1010	76	40-105	
Naphthalene	667	479	72	40-105	
2-Nitroaniline	667	550	83	45-120	
3-Nitroaniline	667	519	78	25-110	
4-Nitroaniline	667	515	77	35-115	
Nitrobenzene	667	426	64	40-115	
2-Nitrophenol	667	512	77	40-110	
4-Nitrophenol	667	582	87	15-140	
N-Nitrosodi-n-propylamine	667	489	73	40-115	
N-Nitrosodiphenylamine	667	540	81	50-115	
Pentachlorophenol	667	366	55	25-120	M
Phenanthrene	667	515	77	50-110	
Phenol	667	480	72	40-100	
Pyrene	667	552	83	45-125	
1,2,4-Trichlorobenzene	667	382	57	45-110	
2,4,5-Trichlorophenol	667	499	75	50-110	
2,4,6-Trichlorophenol	667	494	74	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21231010.D

Lab ID: LCS 240-69614/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	433	65	45-110	
Acenaphthylene	667	453	68	45-105	
Anthracene	667	494	74	55-105	
Benzo[a]anthracene	667	502	75	50-110	
Benzo[a]pyrene	667	460	69	50-110	
Benzo[b]fluoranthene	667	460	69	45-115	
Benzo[g,h,i]perylene	667	528	79	40-125	
Benzoic acid	667	330 U	13	0-110	
Benzo[k]fluoranthene	667	508	76	45-125	
Benzyl alcohol	667	443	67	20-125	
Bis(2-chloroethoxy)methane	667	353	53	45-110	
Bis(2-chloroethyl)ether	667	342	51	40-105	
bis (2-chloroisopropyl) ether	667	340	51	20-115	
Bis(2-ethylhexyl) phthalate	667	488	73	45-125	
4-Bromophenyl phenyl ether	667	425	64	45-115	
Butyl benzyl phthalate	667	516	77	50-125	
Carbazole	667	496	74	45-115	
4-Chloroaniline	667	330	50	10-110	
4-Chloro-3-methylphenol	667	459	69	45-115	
2-Chloronaphthalene	667	364	55	45-105	
2-Chlorophenol	667	426	64	45-105	
4-Chlorophenyl phenyl ether	667	387	58	45-110	
Chrysene	667	527	79	55-110	
Dibenz(a,h)anthracene	667	503	75	40-125	
Dibenzofuran	667	442	66	50-105	
1,2-Dichlorobenzene	667	337	51	45-110	
1,3-Dichlorobenzene	667	336	50	40-100	
1,4-Dichlorobenzene	667	404	61	35-105	
3,3'-Dichlorobenzidine	667	324	49	10-130	
2,4-Dichlorophenol	667	437	66	45-110	
Diethyl phthalate	667	490	74	50-115	
2,4-Dimethylphenol	667	335	50	30-105	
Dimethyl phthalate	667	482	72	50-110	
Di-n-butyl phthalate	667	522	78	55-110	
4,6-Dinitro-2-methylphenol	667	425	64	30-135	
2,4-Dinitrophenol	667	288 J	43	15-130	
2,4-Dinitrotoluene	667	431	65	50-115	
2,6-Dinitrotoluene	667	438	66	50-110	
Di-n-octyl phthalate	667	461	69	40-130	
Fluoranthene	667	503	75	55-115	
Fluorene	667	465	70	50-110	
Hexachlorobenzene	667	410	61	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21231010.D

Lab ID: LCS 240-69614/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	339	51	40-115	
Hexachloroethane	667	347	52	35-110	
Indeno[1,2,3-cd]pyrene	667	524	79	40-120	
Isophorone	667	444	67	45-110	
2-Methylnaphthalene	667	414	62	45-105	
2-Methylphenol	667	424	64	40-105	
3 & 4 Methylphenol	1330	858	64	40-105	
Naphthalene	667	417	63	40-105	
2-Nitroaniline	667	512	77	45-120	
3-Nitroaniline	667	479	72	25-110	
4-Nitroaniline	667	516	77	35-115	
Nitrobenzene	667	357	53	40-115	
2-Nitrophenol	667	437	66	40-110	
4-Nitrophenol	667	489	73	15-140	
N-Nitrosodi-n-propylamine	667	436	65	40-115	
N-Nitrosodiphenylamine	667	490	74	50-115	
Pentachlorophenol	667	315	47	25-120	
Phenanthrene	667	485	73	50-110	
Phenol	667	438	66	40-100	
Pyrene	667	492	74	45-125	
1,2,4-Trichlorobenzene	667	341	51	45-110	
2,4,5-Trichlorophenol	667	488	73	50-110	
2,4,6-Trichlorophenol	667	441	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21231008.D

Lab ID: LCS 240-69993/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	446	67	45-110	
Acenaphthylene	667	453	68	45-105	
Anthracene	667	502	75	55-105	
Benzo[a]anthracene	667	495	74	50-110	
Benzo[a]pyrene	667	467	70	50-110	
Benzo[b]fluoranthene	667	477	72	45-115	
Benzo[g,h,i]perylene	667	541	81	40-125	
Benzoic acid	667	330 U	24	0-110	
Benzo[k]fluoranthene	667	490	73	45-125	
Benzyl alcohol	667	399	60	20-125	
Bis(2-chloroethoxy)methane	667	385	58	45-110	
Bis(2-chloroethyl)ether	667	327	49	40-105	
bis (2-chloroisopropyl) ether	667	327	49	20-115	
Bis(2-ethylhexyl) phthalate	667	495	74	45-125	
4-Bromophenyl phenyl ether	667	439	66	45-115	
Butyl benzyl phthalate	667	507	76	50-125	
Carbazole	667	496	74	45-115	
4-Chloroaniline	667	357	54	10-110	
4-Chloro-3-methylphenol	667	476	71	45-115	
2-Chloronaphthalene	667	375	56	45-105	
2-Chlorophenol	667	400	60	45-105	
4-Chlorophenyl phenyl ether	667	384	58	45-110	
Chrysene	667	523	78	55-110	
Dibenz(a,h)anthracene	667	506	76	40-125	
Dibenzofuran	667	447	67	50-105	
1,2-Dichlorobenzene	667	323	48	45-110	
1,3-Dichlorobenzene	667	314	47	40-100	
1,4-Dichlorobenzene	667	393	59	35-105	
3,3'-Dichlorobenzidine	667	325	49	10-130	
2,4-Dichlorophenol	667	474	71	45-110	
Diethyl phthalate	667	477	72	50-115	
2,4-Dimethylphenol	667	296	44	30-105	
Dimethyl phthalate	667	478	72	50-110	
Di-n-butyl phthalate	667	518	78	55-110	
4,6-Dinitro-2-methylphenol	667	480	72	30-135	
2,4-Dinitrophenol	667	364	55	15-130	
2,4-Dinitrotoluene	667	428	64	50-115	
2,6-Dinitrotoluene	667	436	65	50-110	
Di-n-octyl phthalate	667	465	70	40-130	
Fluoranthene	667	496	74	55-115	
Fluorene	667	465	70	50-110	
Hexachlorobenzene	667	406	61	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21231008.D

Lab ID: LCS 240-69993/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	378	57	40-115	
Hexachloroethane	667	331	50	35-110	
Indeno[1,2,3-cd]pyrene	667	539	81	40-120	
Isophorone	667	484	73	45-110	
2-Methylnaphthalene	667	459	69	45-105	
2-Methylphenol	667	364	55	40-105	
3 & 4 Methylphenol	1330	773	58	40-105	
Naphthalene	667	455	68	40-105	
2-Nitroaniline	667	499	75	45-120	
3-Nitroaniline	667	451	68	25-110	
4-Nitroaniline	667	499	75	35-115	
Nitrobenzene	667	393	59	40-115	
2-Nitrophenol	667	488	73	40-110	
4-Nitrophenol	667	475	71	15-140	
N-Nitrosodi-n-propylamine	667	397	60	40-115	
N-Nitrosodiphenylamine	667	483	72	50-115	
Pentachlorophenol	667	334	50	25-120	
Phenanthrene	667	489	73	50-110	
Phenol	667	406	61	40-100	
Pyrene	667	487	73	45-125	
1,2,4-Trichlorobenzene	667	383	57	45-110	
2,4,5-Trichlorophenol	667	478	72	50-110	
2,4,6-Trichlorophenol	667	469	70	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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21217003.D

Lab ID: MRL 240-68962/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.49	110	70-130	
Acenaphthylene	5.00	5.55	111	70-130	
Anthracene	5.00	5.67	113	70-130	
Benzo[a]anthracene	5.00	5.61	112	70-130	
Benzo[a]pyrene	5.00	5.48	110	70-130	
Benzo[b]fluoranthene	5.00	5.92	118	70-130	
Benzo[g,h,i]perylene	5.00	6.10	122	70-130	
Benzoic acid	10.0	11.4	114	70-130	
Benzo[k]fluoranthene	5.00	5.57	111	70-130	
Benzyl alcohol	5.00	5.33	107	70-130	
Bis(2-chloroethoxy)methane	5.00	5.11	102	70-130	
Bis(2-chloroethyl)ether	5.00	5.09	102	70-130	
bis (2-chloroisopropyl) ether	5.00	4.92	98	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.45	109	70-130	
4-Bromophenyl phenyl ether	5.00	5.81	116	70-130	
Butyl benzyl phthalate	5.00	5.23	105	70-130	
Carbazole	5.00	5.59	112	70-130	
4-Chloroaniline	5.00	5.30	106	70-130	
4-Chloro-3-methylphenol	5.00	5.76	115	70-130	
2-Chloronaphthalene	5.00	5.38	108	70-130	
2-Chlorophenol	5.00	5.33	107	70-130	
4-Chlorophenyl phenyl ether	5.00	5.66	113	70-130	
Chrysene	5.00	5.59	112	70-130	
Dibenz(a,h)anthracene	5.00	5.79	116	70-130	
Dibenzofuran	5.00	5.31	106	70-130	
1,2-Dichlorobenzene	5.00	5.28	106	70-130	
1,3-Dichlorobenzene	5.00	5.35	107	70-130	
1,4-Dichlorobenzene	5.00	5.46	109	70-130	
3,3'-Dichlorobenzidine	5.00	5.44	109	70-130	
2,4-Dichlorophenol	5.00	5.88	118	70-130	
Diethyl phthalate	5.00	5.77	115	70-130	
2,4-Dimethylphenol	5.00	5.97	119	70-130	
Dimethyl phthalate	5.00	5.66	113	70-130	
Di-n-butyl phthalate	5.00	5.70	114	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.40	108	70-130	
2,4-Dinitrophenol	10.0	11.5	115	70-130	
2,4-Dinitrotoluene	5.00	5.56	111	70-130	
2,6-Dinitrotoluene	5.00	5.50	110	70-130	
Di-n-octyl phthalate	5.00	5.47	109	70-130	
Fluoranthene	5.00	5.83	117	70-130	
Fluorene	5.00	5.56	111	70-130	
Hexachlorobenzene	5.00	5.56	111	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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21217003.D

Lab ID: MRL 240-68962/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Hexachlorobutadiene	5.00	6.16	123	70-130	
Hexachloroethane	5.00	5.28	106	70-130	
Indeno[1,2,3-cd]pyrene	5.00	5.69	114	70-130	
Isophorone	5.00	5.51	110	70-130	
2-Methylnaphthalene	5.00	5.59	112	70-130	
2-Methylphenol	5.00	5.30	106	70-130	
3 & 4 Methylphenol	5.00	5.15	103	70-130	
Naphthalene	5.00	5.44	109	70-130	
2-Nitroaniline	5.00	5.53	111	70-130	
3-Nitroaniline	5.00	5.56	111	70-130	
4-Nitroaniline	5.00	5.38	108	70-130	
Nitrobenzene	5.00	5.49	110	70-130	
2-Nitrophenol	5.00	5.65	113	70-130	
4-Nitrophenol	5.00	6.43	129	70-130	
N-Nitrosodi-n-propylamine	5.00	5.32	106	70-130	
N-Nitrosodiphenylamine	5.00	5.43	109	70-130	
Pentachlorophenol	10.0	11.8	118	70-130	
Phenanthrene	5.00	5.40	108	70-130	
Phenol	5.00	5.21	104	70-130	
Pyrene	5.00	5.53	111	70-130	
1,2,4-Trichlorobenzene	5.00	5.62	112	70-130	
2,4,5-Trichlorophenol	5.00	5.68	114	70-130	
2,4,6-Trichlorophenol	5.00	5.79	116	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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21217010.D

Lab ID: MRL 240-68962/10 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.58	112	70-130	
Acenaphthylene	5.00	5.61	112	70-130	
Anthracene	5.00	5.64	113	70-130	
Benzo[a]anthracene	5.00	5.74	115	70-130	
Benzo[a]pyrene	5.00	5.39	108	70-130	
Benzo[b]fluoranthene	5.00	5.39	108	70-130	
Benzo[g,h,i]perylene	5.00	5.84	117	70-130	
Benzoic acid	10.0	10.6	106	70-130	
Benzo[k]fluoranthene	5.00	5.91	118	70-130	
Benzyl alcohol	5.00	5.35	107	70-130	
Bis(2-chloroethoxy)methane	5.00	5.02	100	70-130	
Bis(2-chloroethyl)ether	5.00	5.13	103	70-130	
bis (2-chloroisopropyl) ether	5.00	4.83	97	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.61	112	70-130	
4-Bromophenyl phenyl ether	5.00	5.73	115	70-130	
Butyl benzyl phthalate	5.00	5.45	109	70-130	
Carbazole	5.00	5.45	109	70-130	
4-Chloroaniline	5.00	5.40	108	70-130	
4-Chloro-3-methylphenol	5.00	5.82	116	70-130	
2-Chloronaphthalene	5.00	5.39	108	70-130	
2-Chlorophenol	5.00	5.44	109	70-130	
4-Chlorophenyl phenyl ether	5.00	5.81	116	70-130	
Chrysene	5.00	5.73	115	70-130	
Dibenz(a,h)anthracene	5.00	5.38	108	70-130	
Dibenzofuran	5.00	5.61	112	70-130	
1,2-Dichlorobenzene	5.00	5.38	108	70-130	
1,3-Dichlorobenzene	5.00	5.25	105	70-130	
1,4-Dichlorobenzene	5.00	5.38	108	70-130	
3,3'-Dichlorobenzidine	5.00	5.58	112	70-130	
2,4-Dichlorophenol	5.00	5.90	118	70-130	
Diethyl phthalate	5.00	5.83	117	70-130	
2,4-Dimethylphenol	5.00	5.71	114	70-130	
Dimethyl phthalate	5.00	5.85	117	70-130	
Di-n-butyl phthalate	5.00	5.61	112	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.40	108	70-130	
2,4-Dinitrophenol	10.0	11.6	116	70-130	
2,4-Dinitrotoluene	5.00	5.75	115	70-130	
2,6-Dinitrotoluene	5.00	5.61	112	70-130	
Di-n-octyl phthalate	5.00	5.24	105	70-130	
Fluoranthene	5.00	5.74	115	70-130	
Fluorene	5.00	5.75	115	70-130	
Hexachlorobenzene	5.00	5.55	111	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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21217010.D

Lab ID: MRL 240-68962/10 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Hexachlorobutadiene	5.00	6.00	120	70-130	
Hexachloroethane	5.00	5.14	103	70-130	
Indeno[1,2,3-cd]pyrene	5.00	5.51	110	70-130	
Isophorone	5.00	5.49	110	70-130	
2-Methylnaphthalene	5.00	5.63	113	70-130	
2-Methylphenol	5.00	5.32	106	70-130	
3 & 4 Methylphenol	5.00	5.23	105	70-130	
Naphthalene	5.00	5.51	110	70-130	
2-Nitroaniline	5.00	5.78	116	70-130	
3-Nitroaniline	5.00	5.83	117	70-130	
4-Nitroaniline	5.00	5.43	109	70-130	
Nitrobenzene	5.00	5.46	109	70-130	
2-Nitrophenol	5.00	5.55	111	70-130	
4-Nitrophenol	5.00	6.65	133	70-130	^
N-Nitrosodi-n-propylamine	5.00	5.26	105	70-130	
N-Nitrosodiphenylamine	5.00	5.36	107	70-130	
Pentachlorophenol	10.0	11.6	116	70-130	
Phenanthrene	5.00	5.46	109	70-130	
Phenol	5.00	5.29	106	70-130	
Pyrene	5.00	5.48	110	70-130	
1,2,4-Trichlorobenzene	5.00	5.64	113	70-130	
2,4,5-Trichlorophenol	5.00	5.98	120	70-130	
2,4,6-Trichlorophenol	5.00	5.96	119	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224003.D

Lab ID: MRL 240-69988/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.64	93	70-130	
Acenaphthylene	5.00	4.78	96	70-130	
Anthracene	5.00	4.88	98	70-130	
Benzo[a]anthracene	5.00	5.02	100	70-130	
Benzo[a]pyrene	5.00	4.91	98	70-130	
Benzo[b]fluoranthene	5.00	4.71	94	70-130	
Benzo[g,h,i]perylene	5.00	5.00	100	70-130	
Benzoic acid	10.0	9.70	97	70-130	
Benzo[k]fluoranthene	5.00	5.13	103	70-130	
Benzyl alcohol	5.00	5.12	102	70-130	
Bis(2-chloroethoxy)methane	5.00	5.10	102	70-130	
Bis(2-chloroethyl)ether	5.00	4.89	98	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.27	105	70-130	
4-Bromophenyl phenyl ether	5.00	4.94	99	70-130	
Butyl benzyl phthalate	5.00	4.99	100	70-130	
Carbazole	5.00	4.98	100	70-130	
4-Chloro-3-methylphenol	5.00	5.17	103	70-130	
2-Chloronaphthalene	5.00	4.71	94	70-130	
2-Chlorophenol	5.00	5.06	101	70-130	
4-Chlorophenyl phenyl ether	5.00	4.87	97	70-130	
Chrysene	5.00	4.81	96	70-130	
Dibenz(a,h)anthracene	5.00	4.28	86	70-130	
Dibenzofuran	5.00	4.62	92	70-130	
1,2-Dichlorobenzene	5.00	4.97	99	70-130	
1,3-Dichlorobenzene	5.00	4.92	98	70-130	
1,4-Dichlorobenzene	5.00	4.90	98	70-130	
3,3'-Dichlorobenzidine	5.00	5.04	101	70-130	
2,4-Dichlorophenol	5.00	5.21	104	70-130	
Diethyl phthalate	5.00	5.06	101	70-130	
2,4-Dimethylphenol	5.00	5.32	106	70-130	
Dimethyl phthalate	5.00	4.91	98	70-130	
Di-n-butyl phthalate	5.00	5.02	100	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.06	101	70-130	
2,4-Dinitrophenol	10.0	10.6	106	70-130	
2,4-Dinitrotoluene	5.00	5.35	107	70-130	
2,6-Dinitrotoluene	5.00	5.39	108	70-130	
Di-n-octyl phthalate	5.00	4.74	95	70-130	
Fluoranthene	5.00	5.00	100	70-130	
Fluorene	5.00	4.84	97	70-130	
Hexachlorobenzene	5.00	5.01	100	70-130	
Hexachlorobutadiene	5.00	5.08	102	70-130	
Hexachloroethane	5.00	5.41	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224003.D

Lab ID: MRL 240-69988/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.74	95	70-130	
Isophorone	5.00	5.10	102	70-130	
2-Methylnaphthalene	5.00	4.90	98	70-130	
2-Methylphenol	5.00	5.15	103	70-130	
3 & 4 Methylphenol	5.00	5.07	101	70-130	
Naphthalene	5.00	5.01	100	70-130	
2-Nitroaniline	5.00	5.35	107	70-130	
3-Nitroaniline	5.00	5.57	111	70-130	
4-Nitroaniline	5.00	4.97	99	70-130	
Nitrobenzene	5.00	5.19	104	70-130	
2-Nitrophenol	5.00	5.69	114	70-130	
4-Nitrophenol	5.00	4.87	97	70-130	
N-Nitrosodi-n-propylamine	5.00	5.12	102	70-130	
N-Nitrosodiphenylamine	5.00	4.93	99	70-130	
Pentachlorophenol	10.0	9.99	100	70-130	
Phenanthrene	5.00	4.64	93	70-130	
Phenol	5.00	4.97	99	70-130	
Pyrene	5.00	4.93	99	70-130	
1,2,4-Trichlorobenzene	5.00	5.02	100	70-130	
2,4,5-Trichlorophenol	5.00	5.12	102	70-130	
2,4,6-Trichlorophenol	5.00	4.99	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224025.D

Lab ID: MRL 240-69988/25 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.65	93	70-130	
Acenaphthylene	5.00	4.83	97	70-130	
Anthracene	5.00	4.97	99	70-130	
Benzo[a]anthracene	5.00	5.00	100	70-130	
Benzo[a]pyrene	5.00	5.09	102	70-130	
Benzo[b]fluoranthene	5.00	4.81	96	70-130	
Benzo[g,h,i]perylene	5.00	4.63	93	70-130	
Benzoic acid	10.0	5.85	59	70-130	^
Benzo[k]fluoranthene	5.00	5.11	102	70-130	
Benzyl alcohol	5.00	5.22	104	70-130	
Bis(2-chloroethoxy)methane	5.00	5.00	100	70-130	
Bis(2-chloroethyl)ether	5.00	5.03	101	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.34	107	70-130	
4-Bromophenyl phenyl ether	5.00	4.93	99	70-130	
Butyl benzyl phthalate	5.00	5.51	110	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	4.72	94	70-130	
2-Chlorophenol	5.00	5.14	103	70-130	
4-Chlorophenyl phenyl ether	5.00	4.94	99	70-130	
Chrysene	5.00	4.85	97	70-130	
Dibenz(a,h)anthracene	5.00	4.57	91	70-130	
Dibenzofuran	5.00	4.67	93	70-130	
1,2-Dichlorobenzene	5.00	4.77	95	70-130	
1,3-Dichlorobenzene	5.00	4.94	99	70-130	
1,4-Dichlorobenzene	5.00	5.22	104	70-130	
3,3'-Dichlorobenzidine	5.00	5.22	104	70-130	
2,4-Dichlorophenol	5.00	5.20	104	70-130	
Diethyl phthalate	5.00	5.02	100	70-130	
2,4-Dimethylphenol	5.00	5.13	103	70-130	
Dimethyl phthalate	5.00	5.05	101	70-130	
Di-n-butyl phthalate	5.00	5.23	105	70-130	
4,6-Dinitro-2-methylphenol	5.00	2.10	42	70-130	^
2,4-Dinitrophenol	10.0	2.92	29	70-130	^
2,4-Dinitrotoluene	5.00	5.27	105	70-130	
2,6-Dinitrotoluene	5.00	4.94	99	70-130	
Di-n-octyl phthalate	5.00	5.23	105	70-130	
Fluoranthene	5.00	5.08	102	70-130	
Fluorene	5.00	4.83	97	70-130	
Hexachlorobenzene	5.00	5.03	101	70-130	
Hexachlorobutadiene	5.00	4.69	94	70-130	
Hexachloroethane	5.00	5.41	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21224025.D

Lab ID: MRL 240-69988/25 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.61	92	70-130	
Isophorone	5.00	5.09	102	70-130	
2-Methylnaphthalene	5.00	4.69	94	70-130	
2-Methylphenol	5.00	5.21	104	70-130	
3 & 4 Methylphenol	5.00	5.26	105	70-130	
Naphthalene	5.00	4.83	97	70-130	
2-Nitroaniline	5.00	5.59	112	70-130	
3-Nitroaniline	5.00	5.58	112	70-130	
4-Nitroaniline	5.00	5.27	105	70-130	
Nitrobenzene	5.00	5.26	105	70-130	
2-Nitrophenol	5.00	5.44	109	70-130	
4-Nitrophenol	5.00	4.55	91	70-130	
N-Nitrosodi-n-propylamine	5.00	5.22	104	70-130	
N-Nitrosodiphenylamine	5.00	5.15	103	70-130	
Pentachlorophenol	10.0	6.17	62	70-130	^
Phenanthrene	5.00	4.71	94	70-130	
Phenol	5.00	5.15	103	70-130	
Pyrene	5.00	4.90	98	70-130	
1,2,4-Trichlorobenzene	5.00	4.88	98	70-130	
2,4,5-Trichlorophenol	5.00	5.22	104	70-130	
2,4,6-Trichlorophenol	5.00	5.26	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21231004.D

Lab ID: MRL 240-70697/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.05	101	70-130	
Acenaphthylene	5.00	5.14	103	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	5.60	112	70-130	
Benzo[b]fluoranthene	5.00	5.42	108	70-130	
Benzo[g,h,i]perylene	5.00	5.42	108	70-130	
Benzoic acid	10.0	10.2	102	70-130	
Benzo[k]fluoranthene	5.00	5.52	110	70-130	
Benzyl alcohol	5.00	5.21	104	70-130	
Bis(2-chloroethoxy)methane	5.00	5.12	102	70-130	
Bis(2-chloroethyl)ether	5.00	5.17	103	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.19	104	70-130	
4-Bromophenyl phenyl ether	5.00	5.18	104	70-130	
Butyl benzyl phthalate	5.00	5.35	107	70-130	
Carbazole	5.00	5.19	104	70-130	
4-Chloro-3-methylphenol	5.00	5.29	106	70-130	
2-Chloronaphthalene	5.00	5.13	103	70-130	
2-Chlorophenol	5.00	5.27	105	70-130	
4-Chlorophenyl phenyl ether	5.00	5.27	105	70-130	
Chrysene	5.00	5.08	102	70-130	
Dibenz(a,h)anthracene	5.00	5.46	109	70-130	
Dibenzofuran	5.00	4.91	98	70-130	
1,2-Dichlorobenzene	5.00	5.34	107	70-130	
1,3-Dichlorobenzene	5.00	5.27	105	70-130	
1,4-Dichlorobenzene	5.00	5.27	105	70-130	
3,3'-Dichlorobenzidine	5.00	5.62	112	70-130	
2,4-Dichlorophenol	5.00	5.25	105	70-130	
Diethyl phthalate	5.00	5.02	100	70-130	
2,4-Dimethylphenol	5.00	5.22	104	70-130	
Dimethyl phthalate	5.00	5.14	103	70-130	
Di-n-butyl phthalate	5.00	5.33	107	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.53	111	70-130	
2,4-Dinitrophenol	10.0	11.0	110	70-130	
2,4-Dinitrotoluene	5.00	5.33	107	70-130	
2,6-Dinitrotoluene	5.00	5.43	109	70-130	
Di-n-octyl phthalate	5.00	5.22	104	70-130	
Fluoranthene	5.00	5.21	104	70-130	
Fluorene	5.00	5.04	101	70-130	
Hexachlorobenzene	5.00	5.06	101	70-130	
Hexachlorobutadiene	5.00	5.00	100	70-130	
Hexachloroethane	5.00	5.37	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21231004.D

Lab ID: MRL 240-70697/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.63	113	70-130	
Isophorone	5.00	5.14	103	70-130	
2-Methylnaphthalene	5.00	5.04	101	70-130	
2-Methylphenol	5.00	5.43	109	70-130	
3 & 4 Methylphenol	5.00	5.21	104	70-130	
Naphthalene	5.00	4.92	98	70-130	
2-Nitroaniline	5.00	5.38	108	70-130	
3-Nitroaniline	5.00	5.33	107	70-130	
4-Nitroaniline	5.00	5.67	113	70-130	
Nitrobenzene	5.00	5.11	102	70-130	
2-Nitrophenol	5.00	5.39	108	70-130	
4-Nitrophenol	5.00	5.38	108	70-130	
N-Nitrosodi-n-propylamine	5.00	5.33	107	70-130	
N-Nitrosodiphenylamine	5.00	5.15	103	70-130	
Pentachlorophenol	10.0	10.2	102	70-130	
Phenanthrene	5.00	5.08	102	70-130	
Phenol	5.00	5.33	107	70-130	
Pyrene	5.00	5.29	106	70-130	
1,2,4-Trichlorobenzene	5.00	5.22	104	70-130	
2,4,5-Trichlorophenol	5.00	5.45	109	70-130	
2,4,6-Trichlorophenol	5.00	5.32	106	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21231013.D

Lab ID: MRL 240-70697/13 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	5.20	104	70-130	
Anthracene	5.00	5.46	109	70-130	
Benzo[a]anthracene	5.00	5.30	106	70-130	
Benzo[a]pyrene	5.00	5.41	108	70-130	
Benzo[b]fluoranthene	5.00	5.07	101	70-130	
Benzo[g,h,i]perylene	5.00	5.51	110	70-130	
Benzoic acid	10.0	9.73	97	70-130	
Benzo[k]fluoranthene	5.00	5.14	103	70-130	
Benzyl alcohol	5.00	5.36	107	70-130	
Bis(2-chloroethoxy)methane	5.00	5.18	104	70-130	
Bis(2-chloroethyl)ether	5.00	5.19	104	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.24	105	70-130	
4-Bromophenyl phenyl ether	5.00	5.35	107	70-130	
Butyl benzyl phthalate	5.00	5.43	109	70-130	
Carbazole	5.00	5.39	108	70-130	
4-Chloro-3-methylphenol	5.00	5.39	108	70-130	
2-Chloronaphthalene	5.00	5.16	103	70-130	
2-Chlorophenol	5.00	5.34	107	70-130	
4-Chlorophenyl phenyl ether	5.00	5.16	103	70-130	
Chrysene	5.00	5.15	103	70-130	
Dibenz(a,h)anthracene	5.00	5.37	107	70-130	
Dibenzofuran	5.00	5.09	102	70-130	
1,2-Dichlorobenzene	5.00	5.18	104	70-130	
1,3-Dichlorobenzene	5.00	5.30	106	70-130	
1,4-Dichlorobenzene	5.00	5.22	104	70-130	
3,3'-Dichlorobenzidine	5.00	5.34	107	70-130	
2,4-Dichlorophenol	5.00	5.37	107	70-130	
Diethyl phthalate	5.00	5.22	104	70-130	
2,4-Dimethylphenol	5.00	5.23	105	70-130	
Dimethyl phthalate	5.00	5.18	104	70-130	
Di-n-butyl phthalate	5.00	5.38	108	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.16	103	70-130	
2,4-Dinitrophenol	10.0	9.20	92	70-130	
2,4-Dinitrotoluene	5.00	5.62	112	70-130	
2,6-Dinitrotoluene	5.00	5.57	111	70-130	
Di-n-octyl phthalate	5.00	5.25	105	70-130	
Fluoranthene	5.00	5.28	106	70-130	
Fluorene	5.00	5.18	104	70-130	
Hexachlorobenzene	5.00	5.25	105	70-130	
Hexachlorobutadiene	5.00	5.00	100	70-130	
Hexachloroethane	5.00	5.30	106	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21231013.D

Lab ID: MRL 240-70697/13 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.59	112	70-130	
Isophorone	5.00	5.37	107	70-130	
2-Methylnaphthalene	5.00	5.05	101	70-130	
2-Methylphenol	5.00	5.44	109	70-130	
3 & 4 Methylphenol	5.00	5.40	108	70-130	
Naphthalene	5.00	5.19	104	70-130	
2-Nitroaniline	5.00	5.64	113	70-130	
3-Nitroaniline	5.00	5.51	110	70-130	
4-Nitroaniline	5.00	5.71	114	70-130	
Nitrobenzene	5.00	5.42	108	70-130	
2-Nitrophenol	5.00	5.55	111	70-130	
4-Nitrophenol	5.00	5.22	104	70-130	
N-Nitrosodi-n-propylamine	5.00	5.31	106	70-130	
N-Nitrosodiphenylamine	5.00	5.21	104	70-130	
Pentachlorophenol	10.0	10.4	104	70-130	
Phenanthrene	5.00	5.25	105	70-130	
Phenol	5.00	5.54	111	70-130	
Pyrene	5.00	5.24	105	70-130	
1,2,4-Trichlorobenzene	5.00	5.30	106	70-130	
2,4,5-Trichlorophenol	5.00	5.22	104	70-130	
2,4,6-Trichlorophenol	5.00	5.43	109	70-130	

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.: 240-18703-1

SDG No.:

Lab File ID: 21217004.D Lab Sample ID: MB 240-68547/18-A

Matrix: Water Date Extracted: 12/13/2012 11:21

Instrument ID: A4HP7 Date Analyzed: 12/17/2012 11:18

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-68547/19-A	21217005.D	12/17/2012 11:41
076-0140-0001-ER	240-18703-24	21217006.D	12/17/2012 12:04

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab File ID: 21224004.D Lab Sample ID: MB 240-69569/23-A

Matrix: Solid Date Extracted: 12/20/2012 09:55

Instrument ID: A4HP9 Date Analyzed: 12/24/2012 11:20

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-69569/24-A	21224005.D	12/24/2012 11:45
072SB-0092-0001-SO	240-18703-1	21224010.D	12/24/2012 13:50
072SB-0082-0001-SO	240-18703-8	21224011.D	12/24/2012 14:15
072SB-0083-0001-SO	240-18703-9	21224012.D	12/24/2012 14:39
072SB-0084-0001-SO	240-18703-10	21224013.D	12/24/2012 15:04
072SB-0085-0001-SO	240-18703-11	21224014.D	12/24/2012 15:29
072SB-0086-0001-SO	240-18703-12	21224015.D	12/24/2012 15:54
072SB-0087-0001-SO	240-18703-13	21224016.D	12/24/2012 16:19
072SB-0088-0001-SO	240-18703-14	21224017.D	12/24/2012 16:44
072SB-0089-0001-SO	240-18703-15	21224018.D	12/24/2012 17:09
072SB-0090-0001-SO	240-18703-16	21224019.D	12/24/2012 17:34
072SB-0091-0001-SO	240-18703-17	21224020.D	12/24/2012 17:59
072SB-0076-0001-SO	240-18703-19	21224021.D	12/24/2012 18:24
072SB-0077-0001-SO	240-18703-20	21224022.D	12/24/2012 18:49
072SB-0079-0001-SO	240-18703-21	21224023.D	12/24/2012 19:14
072SB-0080-0001-SO	240-18703-22	21224024.D	12/24/2012 19:39

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab File ID: 21231009.D Lab Sample ID: MB 240-69614/23-A

Matrix: Solid Date Extracted: 12/20/2012 12:23

Instrument ID: A4HP7 Date Analyzed: 12/31/2012 12:16

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-69614/24-A	21231010.D	12/31/2012 12:39
072SB-0081-0001-SO	240-18703-23	21231011.D	12/31/2012 13:03

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab File ID: 21231007.D Lab Sample ID: MB 240-69993/23-A

Matrix: Solid Date Extracted: 12/24/2012 09:50

Instrument ID: A4HP7 Date Analyzed: 12/31/2012 11:30

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-69993/24-A	21231008.D	12/31/2012 11:53
072SB-0075-0001-SO	240-18703-18	21231012.D	12/31/2012 13:26

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab File ID: 21107001.D DFTPP Injection Date: 11/07/2012

Instrument ID: A4HP7 DFTPP Injection Time: 11:21

Analysis Batch No.: 64102

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	43.3	
68	Less than 2.0% of mass 69	0.5	(1.1)1
69	Mass 69 relative abundance	44.0	
70	Less than 2.0% of mass 69	0.2	(0.4)1
127	25.0 - 75.0% of mass 198	52.9	
197	Less than 1.0% of mass 198	0.7	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.6	
275	10.0- 30.0% of mass 198	22.5	
365	Greater than 0.75% of mass 198	2.6	
441	Present, but less than mass 443	11.3	
442	40.0 - 110.0% of mass 198	74.9	
443	15.0 - 24.0% of mass 442	13.5	(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
	STD5 240-64102/2	21107002.D	11/07/2012	11:44
	STD4 240-64102/3	21107003.D	11/07/2012	12:07
	STD3 240-64102/4	21107004.D	11/07/2012	12:31
	STD2 240-64102/5	21107005.D	11/07/2012	12:54
	STD1 240-64102/6	21107006.D	11/07/2012	13:18
	STD9 240-64102/7	21107007.D	11/07/2012	13:41
	STD8 240-64102/8	21107008.D	11/07/2012	14:05
	STD7 240-64102/9	21107009.D	11/07/2012	14:28
	STD6 240-64102/10	21107010.D	11/07/2012	14:51

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab File ID: 21121001.D DFTPP Injection Date: 11/21/2012

Instrument ID: A4HP7 DFTPP Injection Time: 11:18

Analysis Batch No.: 65876

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	41.0	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	41.6	
70	Less than 2.0% of mass 69	0.2	(0.4)1
127	25.0 - 75.0% of mass 198	50.2	
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	6.2	
275	10.0- 30.0% of mass 198	24.8	
365	Greater than 0.75% of mass 198	2.7	
441	Present, but less than mass 443	12.7	
442	40.0 - 110.0% of mass 198	93.9	
443	15.0 - 24.0% of mass 442	16.1	(17.2)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
	ICV 240-65876/3	21121003.D	11/21/2012	12:04

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab File ID: 21217001.D DFTPP Injection Date: 12/17/2012

Instrument ID: A4HP7 DFTPP Injection Time: 10:07

Analysis Batch No.: 68962

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	44.3	
68	Less than 2.0% of mass 69	0.4	(0.9)1
69	Mass 69 relative abundance	42.9	
70	Less than 2.0% of mass 69	0.2	(0.4)1
127	25.0 - 75.0% of mass 198	50.7	
197	Less than 1.0% of mass 198	0.8	
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	23.0	
365	Greater than 0.75% of mass 198	2.8	
441	Present, but less than mass 443	10.8	
442	40.0 - 110.0% of mass 198	71.4	
443	15.0 - 24.0% of mass 442	13.1	(18.3)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
	CCV 240-68962/2	21217002.D	12/17/2012	10:30
	MRL 240-68962/3	21217003.D	12/17/2012	10:54
	MB 240-68547/18-A	21217004.D	12/17/2012	11:18
	LCS 240-68547/19-A	21217005.D	12/17/2012	11:41
076-0140-0001-ER	240-18703-24	21217006.D	12/17/2012	12:04
	MRL 240-68962/10	21217010.D	12/17/2012	13:15

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

SDG No.:

Lab File ID: 21231001.D DFTPP Injection Date: 12/31/2012

Instrument ID: A4HP7 DFTPP Injection Time: 09:14

Analysis Batch No.: 70697

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	55.6	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	47.3	
70	Less than 2.0% of mass 69	0.1	(0.3)1
127	25.0 - 75.0% of mass 198	51.2	
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	21.0	
365	Greater than 0.75% of mass 198	2.5	
441	Present, but less than mass 443	8.4	
442	40.0 - 110.0% of mass 198	56.2	
443	15.0 - 24.0% of mass 442	10.1	(18.0)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 240-70697/2	21231002.D	12/31/2012	09:35
	MRL 240-70697/4	21231004.D	12/31/2012	10:20
	MB 240-69993/23-A	21231007.D	12/31/2012	11:30
	LCS 240-69993/24-A	21231008.D	12/31/2012	11:53
	MB 240-69614/23-A	21231009.D	12/31/2012	12:16
	LCS 240-69614/24-A	21231010.D	12/31/2012	12:39
072SB-0081-0001-SO	240-18703-23	21231011.D	12/31/2012	13:03
072SB-0075-0001-SO	240-18703-18	21231012.D	12/31/2012	13:26
	MRL 240-70697/13	21231013.D	12/31/2012	13:49

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

SDG No.:

Lab File ID: 21224001.D DFTPP Injection Date: 12/24/2012

Instrument ID: A4HP9 DFTPP Injection Time: 10:05

Analysis Batch No.: 69988

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	51.4	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	80.3	
70	Less than 2.0% of mass 69	0.4	(0.5)1
127	25.0 - 75.0% of mass 198	55.5	
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	6.3	
275	10.0- 30.0% of mass 198	23.0	
365	Greater than 0.75% of mass 198	2.6	
441	Present, but less than mass 443	1.3	
442	40.0 - 110.0% of mass 198	73.3	
443	15.0 - 24.0% of mass 442	12.9	(17.6)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
	CCV 240-69988/2	21224002.D	12/24/2012	10:28
	MRL 240-69988/3	21224003.D	12/24/2012	10:53
	MB 240-69569/23-A	21224004.D	12/24/2012	11:20
	LCS 240-69569/24-A	21224005.D	12/24/2012	11:45
072SB-0092-0001-SO	240-18703-1	21224010.D	12/24/2012	13:50
072SB-0082-0001-SO	240-18703-8	21224011.D	12/24/2012	14:15
072SB-0083-0001-SO	240-18703-9	21224012.D	12/24/2012	14:39
072SB-0084-0001-SO	240-18703-10	21224013.D	12/24/2012	15:04
072SB-0085-0001-SO	240-18703-11	21224014.D	12/24/2012	15:29
072SB-0086-0001-SO	240-18703-12	21224015.D	12/24/2012	15:54
072SB-0087-0001-SO	240-18703-13	21224016.D	12/24/2012	16:19
072SB-0088-0001-SO	240-18703-14	21224017.D	12/24/2012	16:44
072SB-0089-0001-SO	240-18703-15	21224018.D	12/24/2012	17:09
072SB-0090-0001-SO	240-18703-16	21224019.D	12/24/2012	17:34
072SB-0091-0001-SO	240-18703-17	21224020.D	12/24/2012	17:59
072SB-0076-0001-SO	240-18703-19	21224021.D	12/24/2012	18:24
072SB-0077-0001-SO	240-18703-20	21224022.D	12/24/2012	18:49
072SB-0079-0001-SO	240-18703-21	21224023.D	12/24/2012	19:14
072SB-0080-0001-SO	240-18703-22	21224024.D	12/24/2012	19:39
	MRL 240-69988/25	21224025.D	12/24/2012	20:04
	mdll1	21224026.D	12/24/2012	20:29
	mdll2	21224027.D	12/24/2012	20:53
	mdll3	21224028.D	12/24/2012	21:18

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Sample No.: STD6 240-64102/10 Date Analyzed: 11/07/2012 14:51

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21107010.D Heated Purge: (Y/N) N

Calibration ID: 12247

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		226874	5.90	879477	7.02	492418	8.51
UPPER LIMIT		453748	6.40	1758954	7.52	984836	9.01
LOWER LIMIT		113437	5.40	439739	6.52	246209	8.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-65876/3		177147	5.86	653446	6.99	382015	8.48
CCV 240-68962/2		195037	5.79	737332	6.92	439693	8.42
MRL 240-68962/3		187055	5.79	708260	6.92	416627	8.42
MB 240-68547/18-A		178197	5.79	655525	6.92	377226	8.42
LCS 240-68547/19-A		169148	5.79	654593	6.92	389410	8.42
240-18703-24	076-0140-0001-ER	180589	5.79	674917	6.92	402622	8.42
MRL 240-68962/10		203289	5.79	769180	6.92	451301	8.42

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.: 240-18703-1

SDG No.:

Sample No.: STD6 240-64102/10 Date Analyzed: 11/07/2012 14:51

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21107010.D Heated Purge: (Y/N) N

Calibration ID: 12247

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		835794	9.77	860001	12.30	705582	14.37
UPPER LIMIT		1671588	10.27	1720002	12.80	1411164	14.87
LOWER LIMIT		417897	9.27	430001	11.80	352791	13.87
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-65876/3		646813	9.74	684665	12.26	583062	14.30
CCV 240-68962/2		782725	9.67	840803	12.15	697697	14.16
MRL 240-68962/3		721236	9.67	774332	12.15	632610	14.16
MB 240-68547/18-A		686082	9.67	727525	12.15	550836	14.16
LCS 240-68547/19-A		687874	9.67	732876	12.15	567482	14.16
240-18703-24	076-0140-0001-ER	712925	9.67	756063	12.15	581759	14.16
MRL 240-68962/10		814919	9.67	839334	12.15	725533	14.16

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.: 240-18703-1

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		581210	6.43	2353322	7.54	1408248	9.03
LOWER LIMIT		145303	5.43	588331	6.54	352062	8.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-69733/12		212483	5.90	824008	7.02	503401	8.50
CCV 240-70697/2		204574	5.82	840704	6.93	511487	8.43
MRL 240-70697/4		204268	5.82	833631	6.93	499394	8.43
MB 240-69993/23-A		203441	5.82	794427	6.93	461186	8.43
LCS 240-69993/24-A		226763	5.82	772156	6.93	473149	8.43
MB 240-69614/23-A		231028	5.82	921564	6.93	562092	8.43
LCS 240-69614/24-A		215207	5.82	857407	6.93	512795	8.43
240-18703-23	072SB-0081-0001-SO	213380	5.82	855259	6.93	511795	8.43
240-18703-18	072SB-0075-0001-SO	209772	5.82	818681	6.93	500687	8.43
MRL 240-70697/13		220356	5.82	898579	6.93	535308	8.43

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.: 240-18703-1

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		2251864	10.29	2396920	12.84	1959868	14.91
LOWER LIMIT		562966	9.29	599230	11.84	489967	13.91
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-69733/12		800103	9.76	902978	12.30	709457	14.35
CCV 240-70697/2		807151	9.68	851975	12.17	713325	14.19
MRL 240-70697/4		801495	9.68	841701	12.17	681972	14.19
MB 240-69993/23-A		747268	9.68	772808	12.17	614736	14.19
LCS 240-69993/24-A		745454	9.68	796457	12.17	644323	14.19
MB 240-69614/23-A		891868	9.68	925318	12.17	749253	14.19
LCS 240-69614/24-A		831791	9.68	878623	12.17	731008	14.19
240-18703-23	072SB-0081-0001-SO	835047	9.68	853034	12.17	730326	14.19
240-18703-18	072SB-0075-0001-SO	803511	9.68	829211	12.17	715179	14.19
MRL 240-70697/13		866544	9.68	930742	12.17	765727	14.19

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.: 240-18703-1

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		266912	6.51	1072844	7.62	621906	9.12
LOWER LIMIT		66728	5.51	268211	6.62	155477	8.12
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-69908/3		129098	6.00	507424	7.11	292629	8.61
CCV 240-69988/2		132930	5.99	536000	7.09	309125	8.59
MRL 240-69988/3		135610	5.99	514360	7.09	310825	8.59
MB 240-69569/23-A		110030	5.99	436629	7.10	257145	8.59
LCS 240-69569/24-A		117066	5.99	435457	7.09	263729	8.59
240-18703-1	072SB-0092-0001-SO	111558	5.99	441613	7.10	266657	8.59
240-18703-8	072SB-0082-0001-SO	117939	5.99	462023	7.10	273109	8.59
240-18703-9	072SB-0083-0001-SO	117385	5.99	461449	7.10	266010	8.59
240-18703-10	072SB-0084-0001-SO	117962	5.99	442902	7.10	269802	8.59
240-18703-11	072SB-0085-0001-SO	111258	5.99	416884	7.10	258704	8.59
240-18703-12	072SB-0086-0001-SO	113061	5.98	456942	7.10	261704	8.59
240-18703-13	072SB-0087-0001-SO	118798	5.99	467076	7.09	279335	8.59
240-18703-14	072SB-0088-0001-SO	113739	5.99	478071	7.09	279317	8.59
240-18703-15	072SB-0089-0001-SO	118538	5.99	481787	7.09	280030	8.59
240-18703-16	072SB-0090-0001-SO	124036	5.98	478140	7.10	288304	8.59
240-18703-17	072SB-0091-0001-SO	123062	5.99	479642	7.10	284880	8.59
240-18703-19	072SB-0076-0001-SO	130583	5.99	478968	7.09	294976	8.59
240-18703-20	072SB-0077-0001-SO	121444	5.99	485736	7.09	291342	8.59
240-18703-21	072SB-0079-0001-SO	122636	5.99	508051	7.09	300294	8.59
240-18703-22	072SB-0080-0001-SO	126076	5.99	478215	7.09	278885	8.59
MRL 240-69988/25		155513	5.99	613105	7.09	360552	8.59

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.: 240-18703-1

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		1128660	10.39	1126090	13.00	884414	15.12
LOWER LIMIT		282165	9.39	281523	12.00	221104	14.12
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-69908/3		521564	9.87	510621	12.47	413920	14.59
CCV 240-69988/2		564259	9.86	565933	12.45	443641	14.56
MRL 240-69988/3		542012	9.86	547346	12.45	443497	14.56
MB 240-69569/23-A		459966	9.85	422571	12.44	311677	14.56
LCS 240-69569/24-A		473834	9.85	460389	12.44	334233	14.56
240-18703-1	072SB-0092-0001-SO	468504	9.85	448091	12.44	347806	14.55
240-18703-8	072SB-0082-0001-SO	471493	9.85	448616	12.44	370624	14.55
240-18703-9	072SB-0083-0001-SO	488326	9.85	474950	12.44	370037	14.55
240-18703-10	072SB-0084-0001-SO	495106	9.85	457506	12.44	372157	14.55
240-18703-11	072SB-0085-0001-SO	457348	9.85	442634	12.44	339756	14.55
240-18703-12	072SB-0086-0001-SO	482605	9.85	473802	12.44	368351	14.55
240-18703-13	072SB-0087-0001-SO	491832	9.85	484278	12.44	363539	14.55
240-18703-14	072SB-0088-0001-SO	490523	9.85	487236	12.44	368705	14.56
240-18703-15	072SB-0089-0001-SO	494073	9.85	493004	12.44	381006	14.55
240-18703-16	072SB-0090-0001-SO	483719	9.85	501180	12.44	386000	14.55
240-18703-17	072SB-0091-0001-SO	497989	9.85	467564	12.44	382394	14.55
240-18703-19	072SB-0076-0001-SO	509607	9.85	506090	12.44	391747	14.55
240-18703-20	072SB-0077-0001-SO	503617	9.85	481754	12.44	375836	14.55
240-18703-21	072SB-0079-0001-SO	529990	9.86	520136	12.44	409835	14.56
240-18703-22	072SB-0080-0001-SO	508838	9.85	490843	12.44	384482	14.55
MRL 240-69988/25		640023	9.85	641203	12.44	519679	14.55

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 I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0092-0001-SO | Lab Sample ID: 240-18703-1

Matrix: Solid | Lab File ID: 21224010.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 12:37

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.41(g) | Date Analyzed: 12/24/2012 13:50

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.7	U	7.5	3.7	3.7
208-96-8	Acenaphthylene	3.7	U	7.5	3.7	3.7
120-12-7	Anthracene	3.7	U	7.5	3.7	3.7
56-55-3	Benzo[a]anthracene	3.7	U	7.5	3.7	3.7
50-32-8	Benzo[a]pyrene	3.7	U	7.5	3.7	3.7
205-99-2	Benzo[b]fluoranthene	3.7	U	7.5	3.7	3.7
191-24-2	Benzo[g,h,i]perylene	3.7	U	7.5	3.7	3.7
207-08-9	Benzo[k]fluoranthene	3.7	U	7.5	3.7	3.7
218-01-9	Chrysene	3.7	U	7.5	3.7	1.2
53-70-3	Dibenz(a,h)anthracene	3.7	U	7.5	3.7	3.7
206-44-0	Fluoranthene	3.7	U	7.5	3.7	3.7
86-73-7	Fluorene	3.7	U	7.5	3.7	3.7
193-39-5	Indeno[1,2,3-cd]pyrene	3.7	U	7.5	3.7	3.7
91-20-3	Naphthalene	3.7	U	7.5	3.7	3.7
85-01-8	Phenanthrene	3.7	U	7.5	3.7	3.7
129-00-0	Pyrene	3.7	U	7.5	3.7	3.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	52		45-105
367-12-4	2-Fluorophenol (Surr)	70		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)	67		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	50		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224010.D
Lims ID: 240-18703-H-1-D Client ID: 072SB-0092-0001-SO
Inject. Date: 24-Dec-2012 13:50:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-010
Misc. Info.: 240-18703-H-1-D =240-18703-H-1-D
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 69988 Lims Sample ID: 10
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26 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: XAWRK027

First Level Reviewer: ulmanm Date: 25-Dec-2012 11:55:23

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.985	5.988	-0.003	94	111558	4.00	
* 2 Naphthalene-d8	136	7.096	7.094	0.002	99	441613	4.00	
* 3 Acenaphthene-d10	164	8.586	8.589	-0.003	91	266657	4.00	
* 4 Phenanthrene-d10	188	9.852	9.856	-0.004	98	468504	4.00	
* 5 Chrysene-d12	240	12.438	12.446	-0.008	80	448091	4.00	
* 6 Perylene-d12	264	14.554	14.557	-0.003	95	347806	4.00	
$ 7 2-Fluorophenol	112	4.761	4.748	0.013	93	391443	10.5	
$ 8 Phenol-d5	99	5.627	5.625	0.002	0	595178	10.8	
$ 9 Nitrobenzene-d5	82	6.466	6.469	-0.003	84	381810	5.66	
$ 10 2-Fluorobiphenyl (Surr)	172	7.999	8.002	-0.003	99	551568	5.16	
$ 11 2,4,6-Tribromophenol	330	9.254	9.257	-0.003	82	69551	7.57	
$ 12 Terphenyl-d14	244	11.220	11.223	-0.003	95	678453	6.69	
75 Naphthalene	128		7.115					9
109 Acenaphthylene	152		8.472					
112 Acenaphthene	153		8.622					
126 Fluorene	166		9.054					
148 Phenanthrene	178		9.877					9
149 Anthracene	178		9.920					9
159 Fluoranthene	202		10.892					9
161 Pyrene	202		11.106					9
177 Benzo[a]anthracene	228		12.430					9
178 Chrysene	228		12.479					9
182 Benzo[b]fluoranthene	252		13.964					
183 Benzo[k]fluoranthene	252		14.006					
184 Benzo[a]pyrene	252		14.471					
188 Indeno[1,2,3-cd]pyrene	276		16.250					
189 Dibenz(a,h)anthracene	278		16.282					
190 Benzo[g,h,i]perylene	276		16.726					9

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

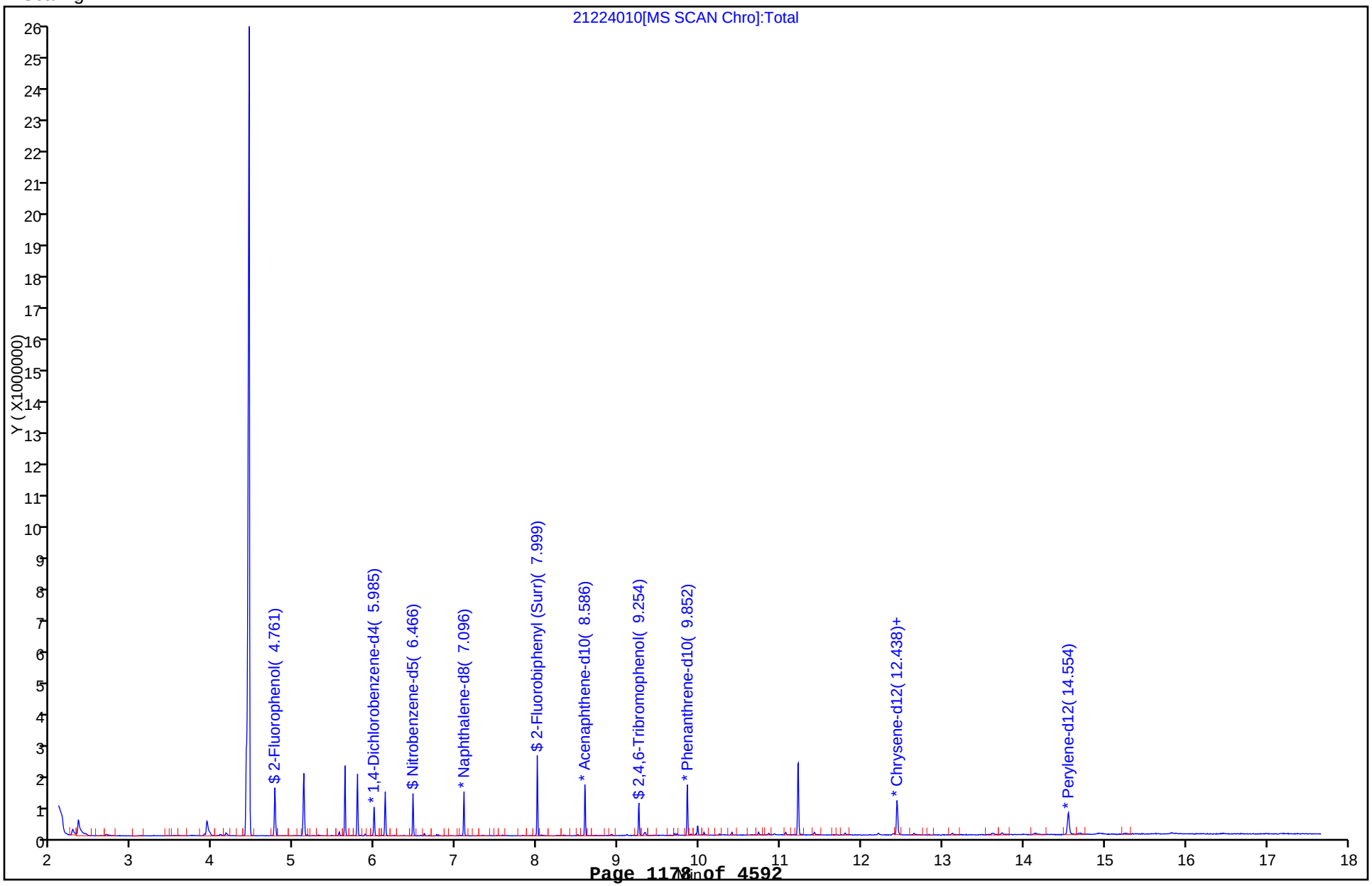
Report Date: 25-Dec-2012 12:56:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224010.D

Injection Date:	24-Dec-2012 13:50:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0092-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	10
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0082-0001-SO | Lab Sample ID: 240-18703-8

Matrix: Solid | Lab File ID: 21224011.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 10:45

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.28(g) | Date Analyzed: 12/24/2012 14:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.9	U	7.8	3.9	3.9
208-96-8	Acenaphthylene	3.9	U	7.8	3.9	3.9
120-12-7	Anthracene	8.8		7.8	3.9	3.9
56-55-3	Benzo[a]anthracene	17		7.8	3.9	3.9
50-32-8	Benzo[a]pyrene	9.6		7.8	3.9	3.9
205-99-2	Benzo[b]fluoranthene	13		7.8	3.9	3.9
191-24-2	Benzo[g,h,i]perylene	17	M	7.8	3.9	3.9
65-85-0	Benzoic acid	390	U	770	390	390
207-08-9	Benzo[k]fluoranthene	5.6	J	7.8	3.9	3.9
100-51-6	Benzyl alcohol	32	U	390	32	25
111-91-1	Bis(2-chloroethoxy)methane	32	U	120	32	26
111-44-4	Bis(2-chloroethyl)ether	3.9	U	120	3.9	2.3
108-60-1	bis (2-chloroisopropyl) ether	32	U	120	32	11
117-81-7	Bis(2-ethylhexyl) phthalate	32	U	59	32	22
101-55-3	4-Bromophenyl phenyl ether	32	U	59	32	15
85-68-7	Butyl benzyl phthalate	32	U	59	32	12
86-74-8	Carbazole	32	U	59	32	32
106-47-8	4-Chloroaniline	32	U	180	32	20
59-50-7	4-Chloro-3-methylphenol	32	U	180	32	25
91-58-7	2-Chloronaphthalene	3.9	U	59	3.9	3.9
95-57-8	2-Chlorophenol	32	U	59	32	32
7005-72-3	4-Chlorophenyl phenyl ether	32	U	59	32	15
218-01-9	Chrysene	9.2		7.8	3.9	1.3
53-70-3	Dibenz(a,h)anthracene	3.9	U	7.8	3.9	3.9
132-64-9	Dibenzofuran	12	J	59	3.9	3.9
95-50-1	1,2-Dichlorobenzene	32	U	59	32	11
541-73-1	1,3-Dichlorobenzene	32	U	59	32	13
106-46-7	1,4-Dichlorobenzene	32	U	59	32	23
91-94-1	3,3'-Dichlorobenzidine	94	U	120	94	21
120-83-2	2,4-Dichlorophenol	32	U	180	32	23
84-66-2	Diethyl phthalate	32	U	59	32	19
105-67-9	2,4-Dimethylphenol	94	U	180	94	23
131-11-3	Dimethyl phthalate	32	U	59	32	20
84-74-2	Di-n-butyl phthalate	32	U	59	32	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0082-0001-SO | Lab Sample ID: 240-18703-8

Matrix: Solid | Lab File ID: 21224011.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 10:45

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.28(g) | Date Analyzed: 12/24/2012 14:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	94	U	180	94	94
51-28-5	2,4-Dinitrophenol	94	U	390	94	94
121-14-2	2,4-Dinitrotoluene	32	U	230	32	32
606-20-2	2,6-Dinitrotoluene	32	U	230	32	25
117-84-0	Di-n-octyl phthalate	32	U	59	32	32
206-44-0	Fluoranthene	15		7.8	3.9	3.9
86-73-7	Fluorene	11		7.8	3.9	3.9
118-74-1	Hexachlorobenzene	3.9	U	7.8	3.9	2.5
87-68-3	Hexachlorobutadiene	32	U	59	32	32
77-47-4	Hexachlorocyclopentadiene	32	U	390	32	32
67-72-1	Hexachloroethane	32	U	59	32	11
193-39-5	Indeno[1,2,3-cd]pyrene	7.6	J M	7.8	3.9	3.9
78-59-1	Isophorone	32	U	59	32	15
91-57-6	2-Methylnaphthalene	17		7.8	3.9	3.9
95-48-7	2-Methylphenol	94	U	230	94	94
15831-10-4	3 & 4 Methylphenol	94	U	470	94	23
91-20-3	Naphthalene	7.0	J	7.8	3.9	3.9
88-74-4	2-Nitroaniline	32	U	230	32	11
99-09-2	3-Nitroaniline	94	U	230	94	19
100-01-6	4-Nitroaniline	32	U	230	32	30
98-95-3	Nitrobenzene	3.9	U	120	3.9	2.6
88-75-5	2-Nitrophenol	32	U	59	32	32
100-02-7	4-Nitrophenol	94	U	390	94	94
621-64-7	N-Nitrosodi-n-propylamine	32	U	59	32	32
86-30-6	N-Nitrosodiphenylamine	32	U	59	32	25
87-86-5	Pentachlorophenol	94	U	180	94	94
85-01-8	Phenanthrene	20		7.8	3.9	3.9
108-95-2	Phenol	32	U	59	32	32
129-00-0	Pyrene	22		7.8	3.9	3.9
120-82-1	1,2,4-Trichlorobenzene	32	U	59	32	32
95-95-4	2,4,5-Trichlorophenol	32	U	180	32	29
88-06-2	2,4,6-Trichlorophenol	94	U	180	94	94

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0082-0001-SO | Lab Sample ID: 240-18703-8

Matrix: Solid | Lab File ID: 21224011.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 10:45

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.28(g) | Date Analyzed: 12/24/2012 14:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	50		45-105
367-12-4	2-Fluorophenol (Surr)	72		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	57		35-100
4165-62-2	Phenol-d5 (Surr)	69		40-100
1718-51-0	Terphenyl-d14 (Surr)	70		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	57		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D
Lims ID: 240-18703-H-8-D
Client ID: 072SB-0082-0001-SO
Inject. Date: 24-Dec-2012 14:15:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-011
Misc. Info.: 240-18703-H-8-D =240-18703-H-8-D
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 11
Lims Batch ID: 69988
Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26
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: XAWRK027

First Level Reviewer: ulmanm
Date: 25-Dec-2012 11:57:47

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.985	5.988	-0.003	93	117939	4.00	
* 2 Naphthalene-d8	136	7.096	7.094	0.002	99	462023	4.00	
* 3 Acenaphthene-d10	164	8.587	8.589	-0.002	92	273109	4.00	
* 4 Phenanthrene-d10	188	9.853	9.856	-0.003	96	471493	4.00	
* 5 Chrysene-d12	240	12.438	12.446	-0.008	79	448616	4.00	
* 6 Perylene-d12	264	14.554	14.557	-0.003	87	370624	4.00	
$ 7 2-Fluorophenol	112	4.762	4.748	0.014	92	427083	10.8	
$ 8 Phenol-d5	99	5.627	5.625	0.002	0	602375	10.3	
$ 9 Nitrobenzene-d5	82	6.466	6.469	-0.003	82	402747	5.70	
$ 10 2-Fluorobiphenyl (Surr)	172	7.999	8.002	-0.003	96	550738	5.03	
$ 11 2,4,6-Tribromophenol	330	9.255	9.257	-0.002	74	80598	8.49	
$ 12 Terphenyl-d14	244	11.220	11.223	-0.003	98	714707	7.04	
43 Phenol	94		5.635					9
69 Bis(2-chloroethyl)ether	93		5.737					9
46 2-Chlorophenol	128		5.796					
47 1,3-Dichlorobenzene	146		5.940					9
48 1,4-Dichlorobenzene	146		6.004					9
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					9
21 3 & 4 Methylphenol	108		6.308					
57 N-Nitrosodi-n-propylamine	70		6.324					
61 Hexachloroethane	117		6.437					9
62 Nitrobenzene	77		6.485					
64 Isophorone	82		6.688					9
66 2-Nitrophenol	139		6.762					9
65 2,4-Dimethylphenol	107		6.773					
71 Benzoic acid	122		6.827					
70 Bis(2-chloroethoxy)methane	93		6.859					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.960					9
74 1,2,4-Trichlorobenzene	180		7.040					9
75 Naphthalene	128	7.112	7.115	-0.003	15	10927	0.0898	
76 4-Chloroaniline	127		7.147					
79 Hexachlorobutadiene	225		7.211					
86 4-Chloro-3-methylphenol	107		7.532					
87 2-Methylnaphthalene	142	7.700	7.703	-0.003	47	17470	0.2174	
89 Hexachlorocyclopentadiene	237		7.831					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65		8.189					
105 Dimethyl phthalate	163		8.328					
107 2,6-Dinitrotoluene	165		8.386					
109 Acenaphthylene	152		8.472					
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153		8.622					9
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					
114 2,4-Dinitrotoluene	165		8.728					
116 Dibenzofuran	168	8.763	8.766	-0.003	53	17228	0.1499	
121 Diethyl phthalate	149		8.921					
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166	9.052	9.054	-0.002	52	12527	0.1430	
128 4,6-Dinitro-2-methylphenol	198		9.076					
131 N-Nitrosodiphenylamine	169		9.134					
139 4-Bromophenyl phenyl ether	248		9.455					
141 Hexachlorobenzene	284		9.519					
143 Pentachlorophenol	266		9.679					
148 Phenanthrene	178	9.874	9.877	-0.003	35	33978	0.2593	
149 Anthracene	178	9.917	9.920	-0.003	58	14579	0.1127	
151 Carbazole	167		10.043					
154 Di-n-butyl phthalate	149		10.299					
159 Fluoranthene	202	10.889	10.892	-0.003	64	28182	0.1950	
161 Pyrene	202	11.103	11.106	-0.003	85	41392	0.2836	
168 Butyl benzyl phthalate	149		11.709					
175 3,3'-Dichlorobenzidine	252		12.372					
173 Bis(2-ethylhexyl) phthalate	149	12.390	12.393	-0.003	80	21789	0.2641	
177 Benzo[a]anthracene	228	12.428	12.430	-0.002	19	16899	0.2117	
178 Chrysene	228	12.476	12.479	-0.003	48	14794	0.1178	
180 Di-n-octyl phthalate	149		13.323					9
182 Benzo[b]fluoranthene	252	13.956	13.964	-0.008	63	20949	0.1695	
183 Benzo[k]fluoranthene	252	13.993	14.006	-0.013	1	8962	0.0714	
184 Benzo[a]pyrene	252	14.468	14.471	-0.003	18	13817	0.1229	
188 Indeno[1,2,3-cd]pyrene	276	16.237	16.250	-0.013	60	12055	0.0968	M
189 Dibenz(a,h)anthracene	278		16.282					9
190 Benzo[g,h,i]perylene	276	16.696	16.726	-0.030	0	11368	0.2142	M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

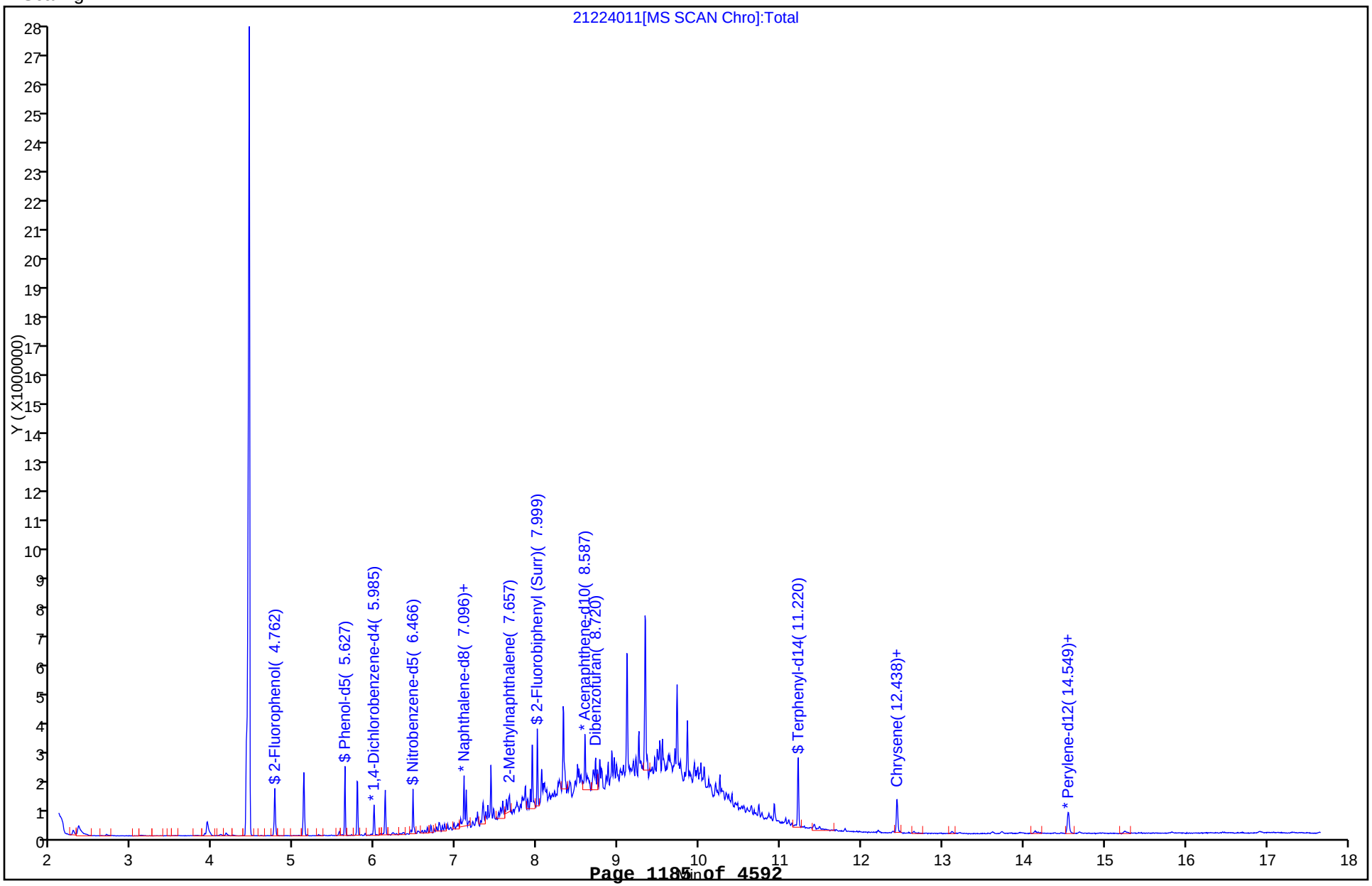
Review Flags
M - Manually Integrated

Report Date: 25-Dec-2012 12:56:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D		
Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

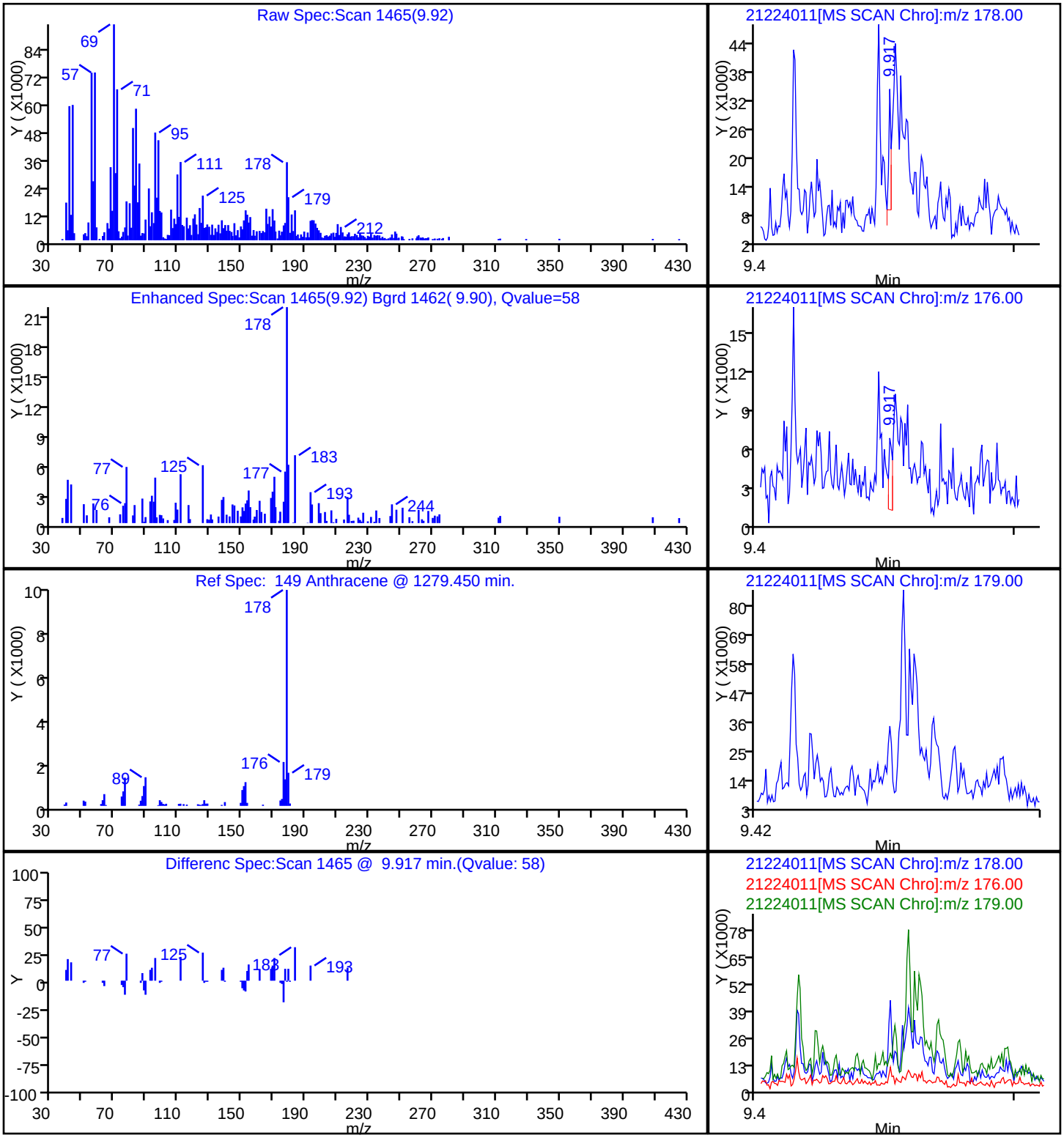


Report Date: 25-Dec-2012 12:56:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D		
Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene



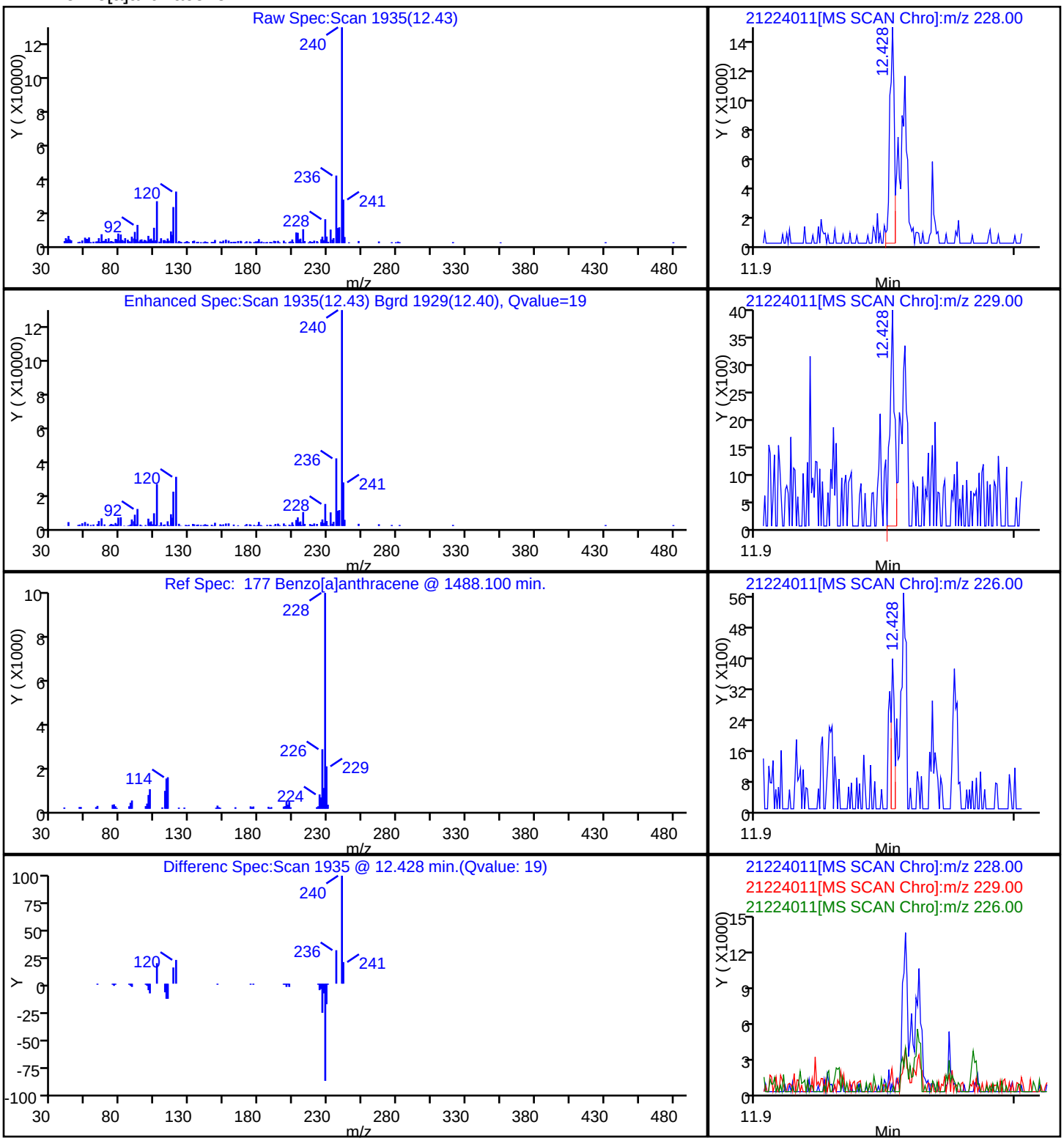
Report Date: 25-Dec-2012 12:56:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D

Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



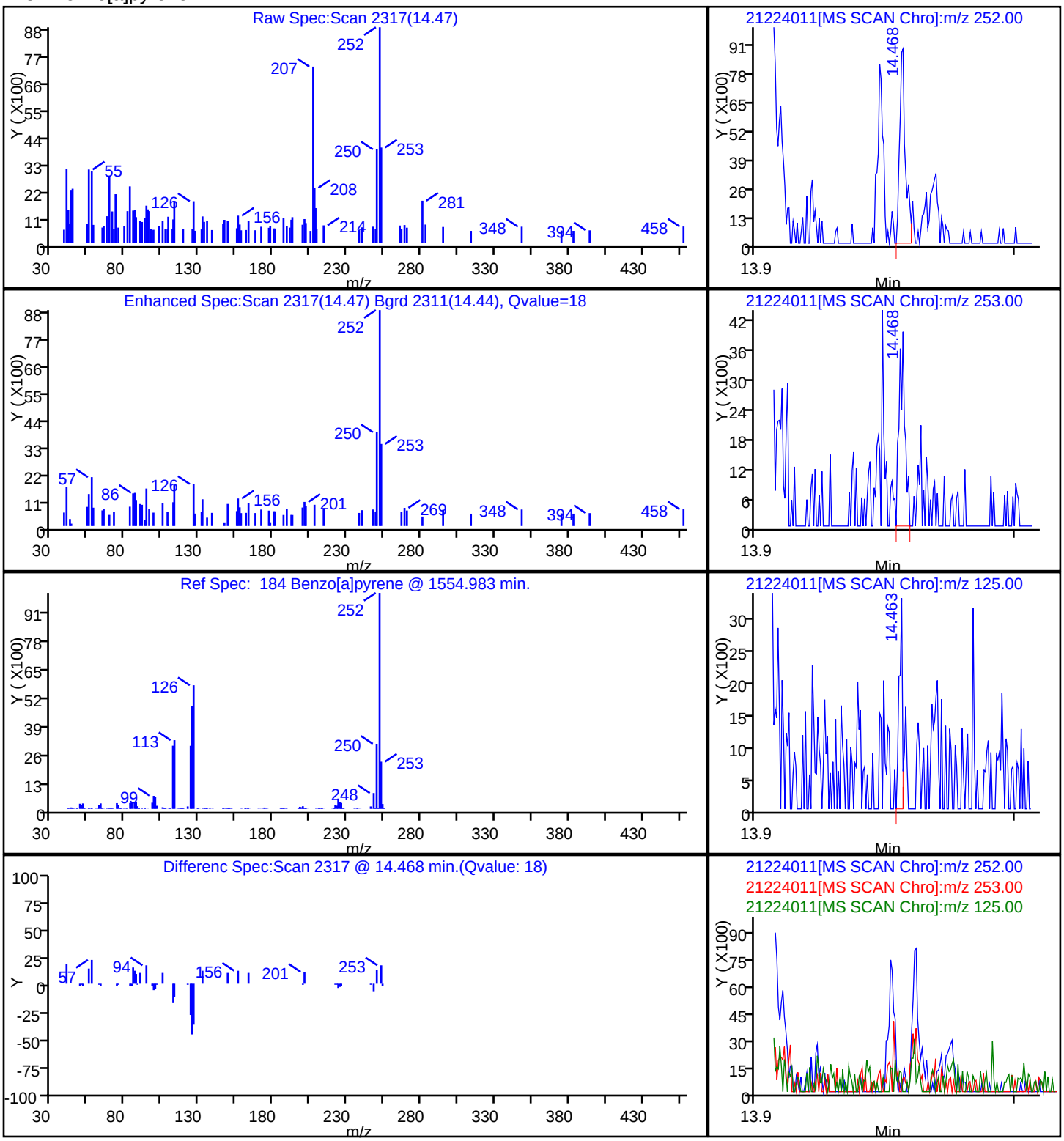
Report Date: 25-Dec-2012 12:56:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D

Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



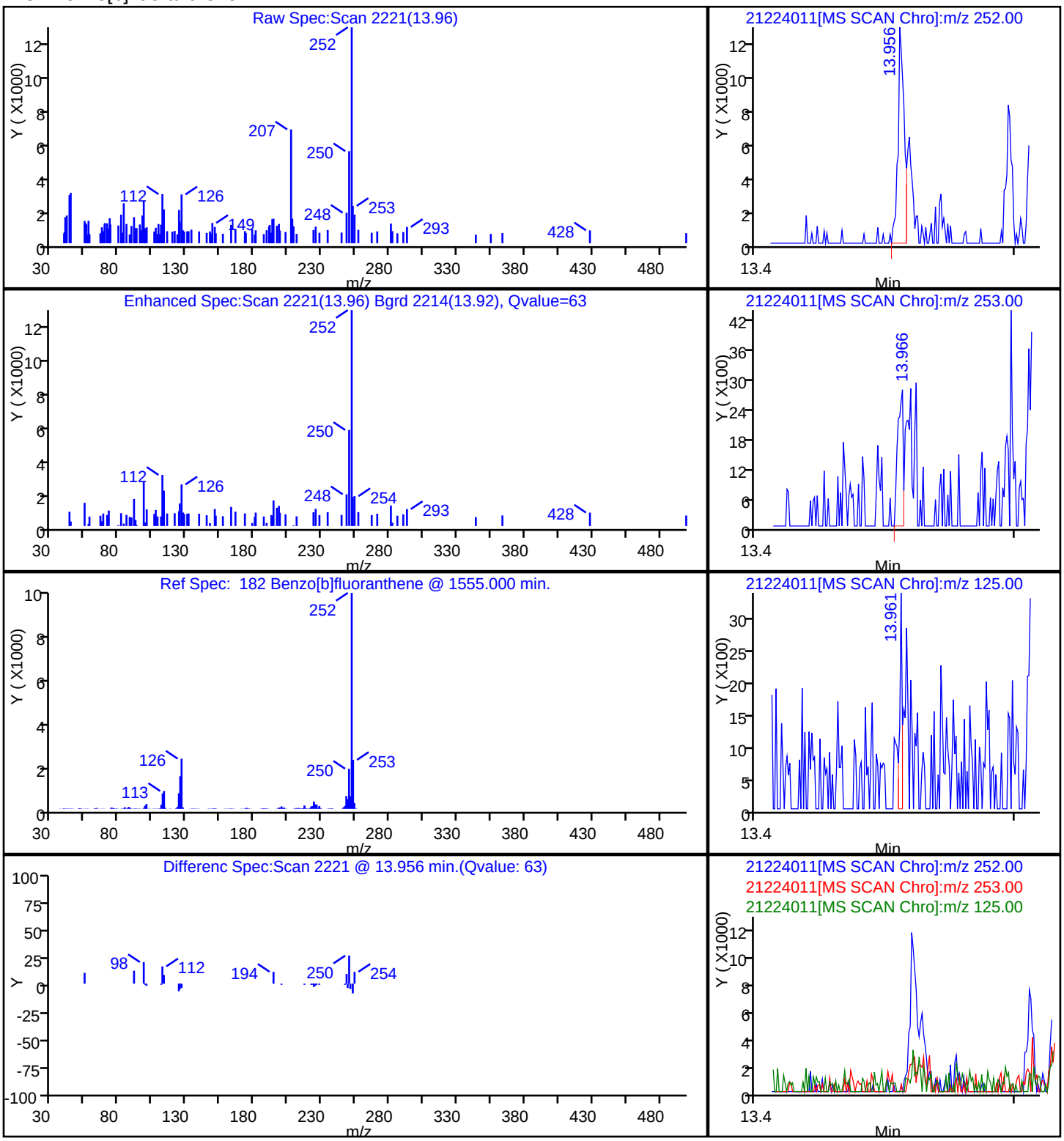
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D

Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



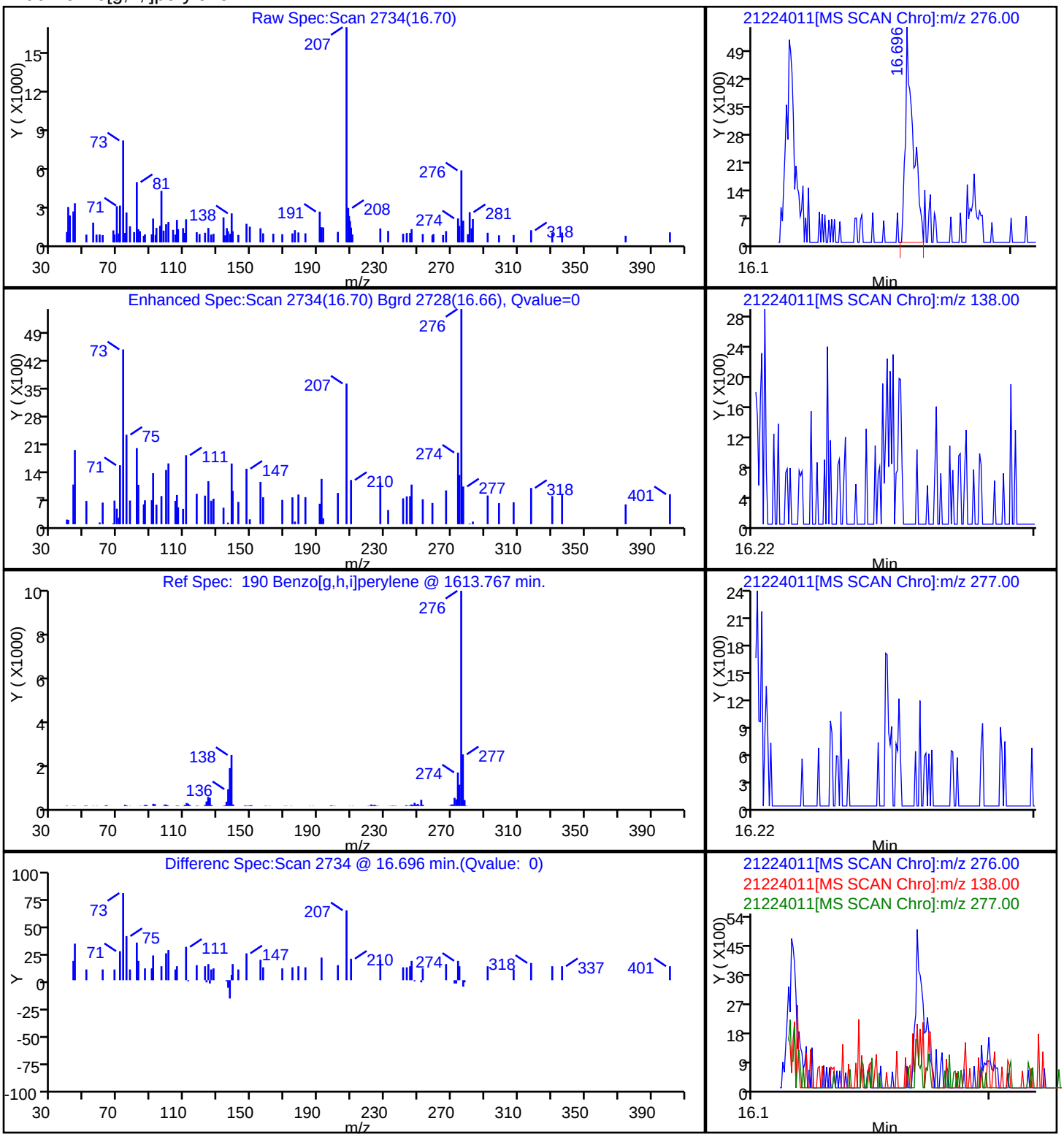
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D

Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



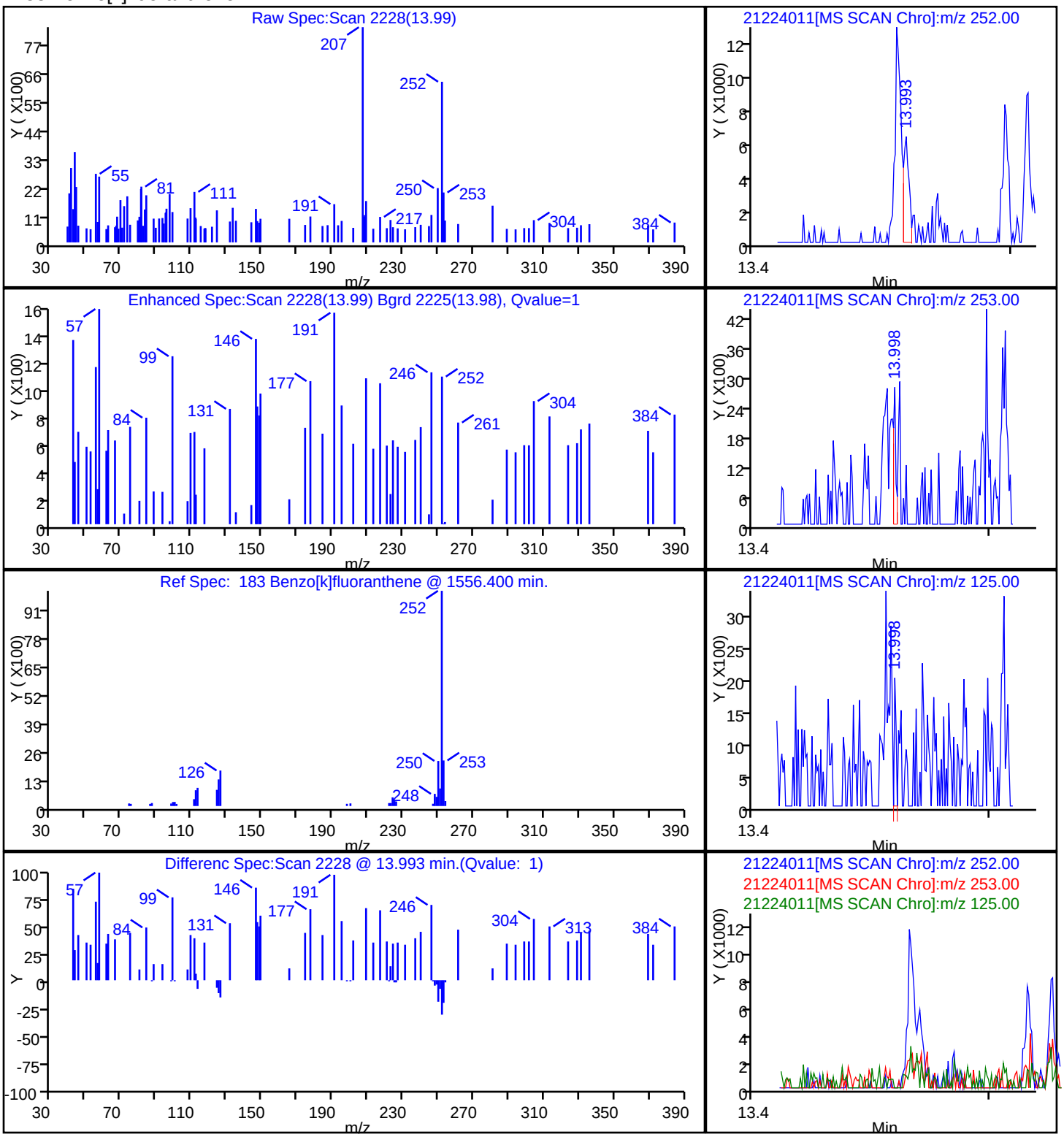
Report Date: 25-Dec-2012 12:56:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D

Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



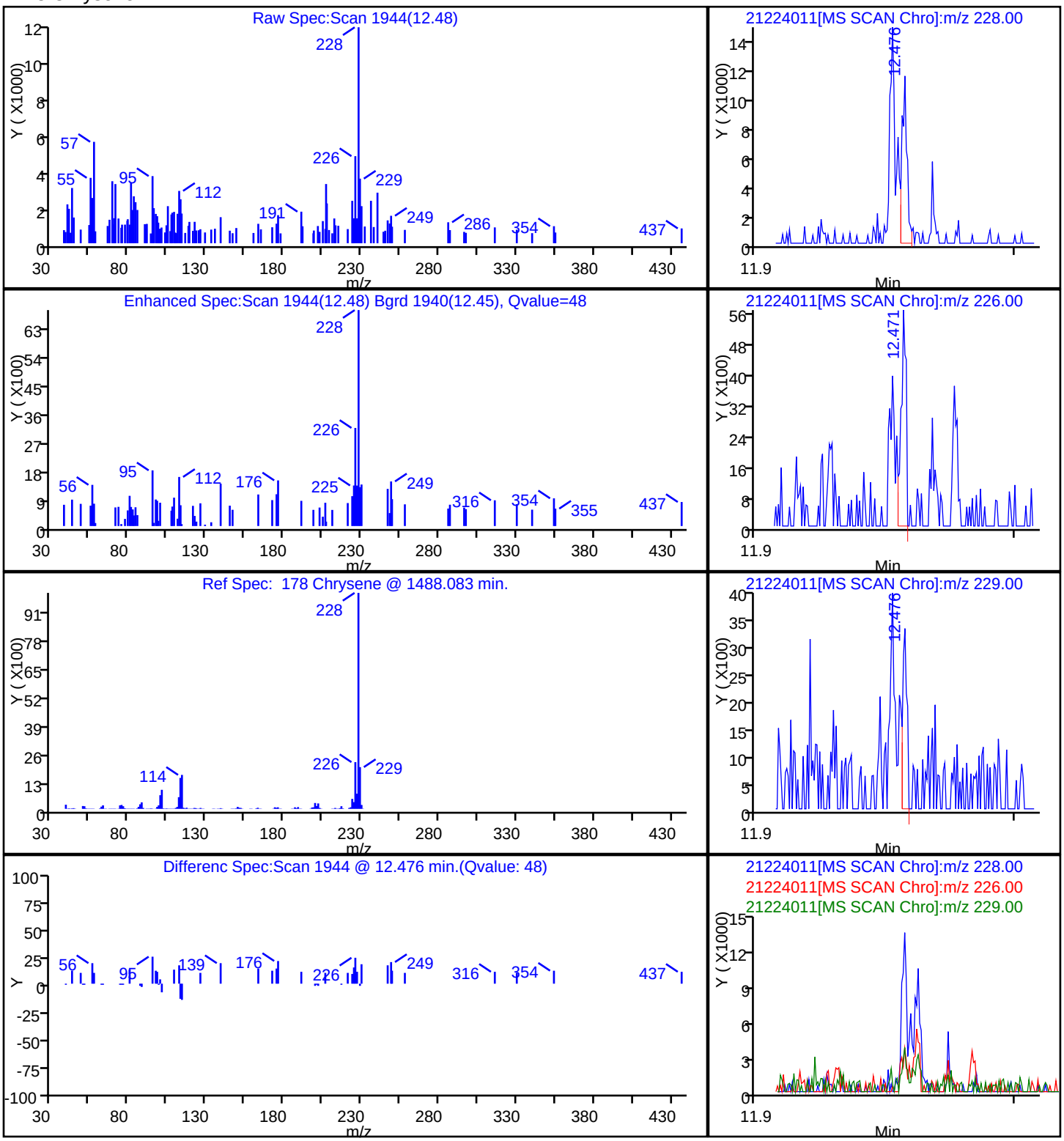
Report Date: 25-Dec-2012 12:56:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D

Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene



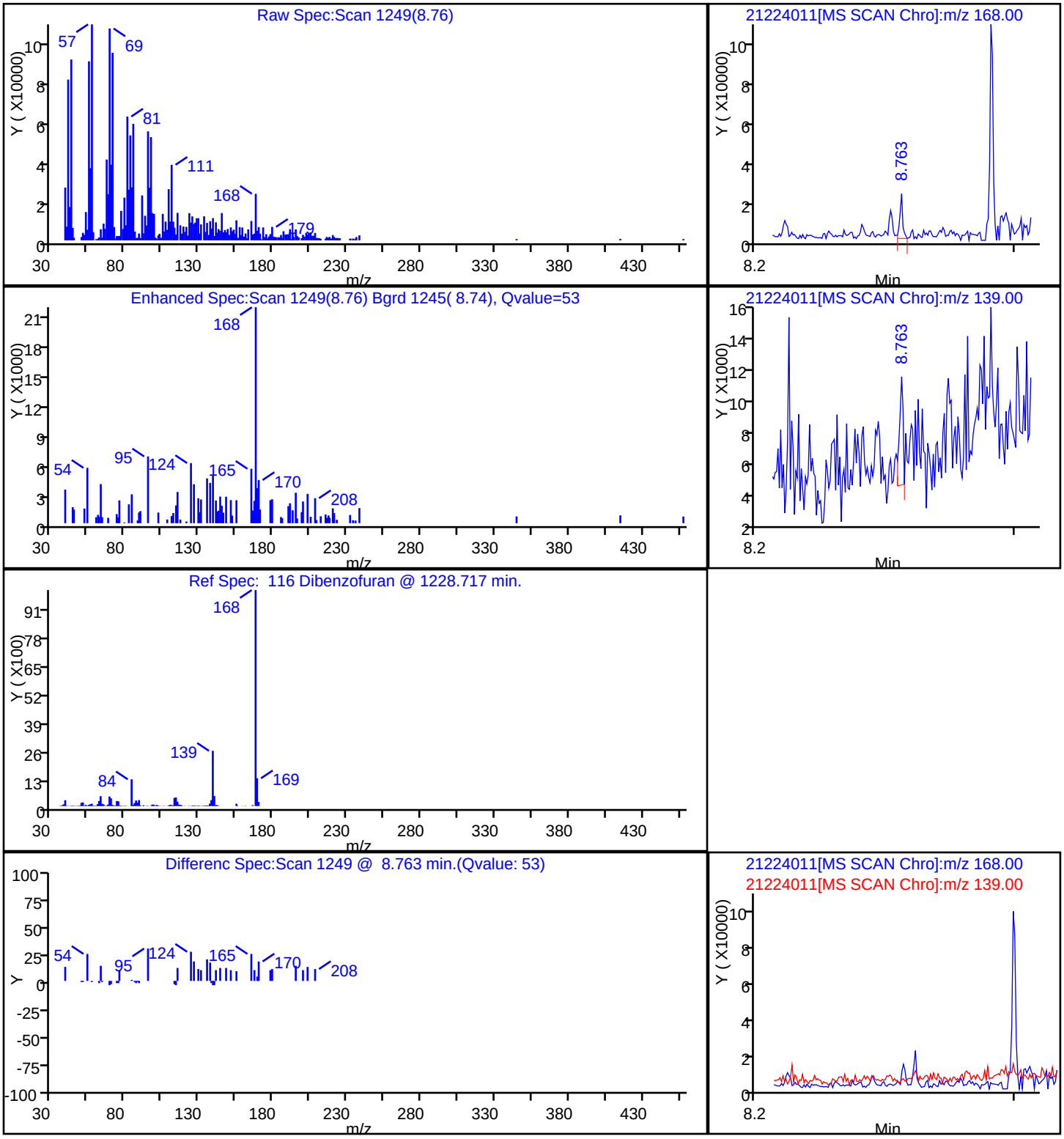
Report Date: 25-Dec-2012 12:56:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D

Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

116 Dibenzofuran

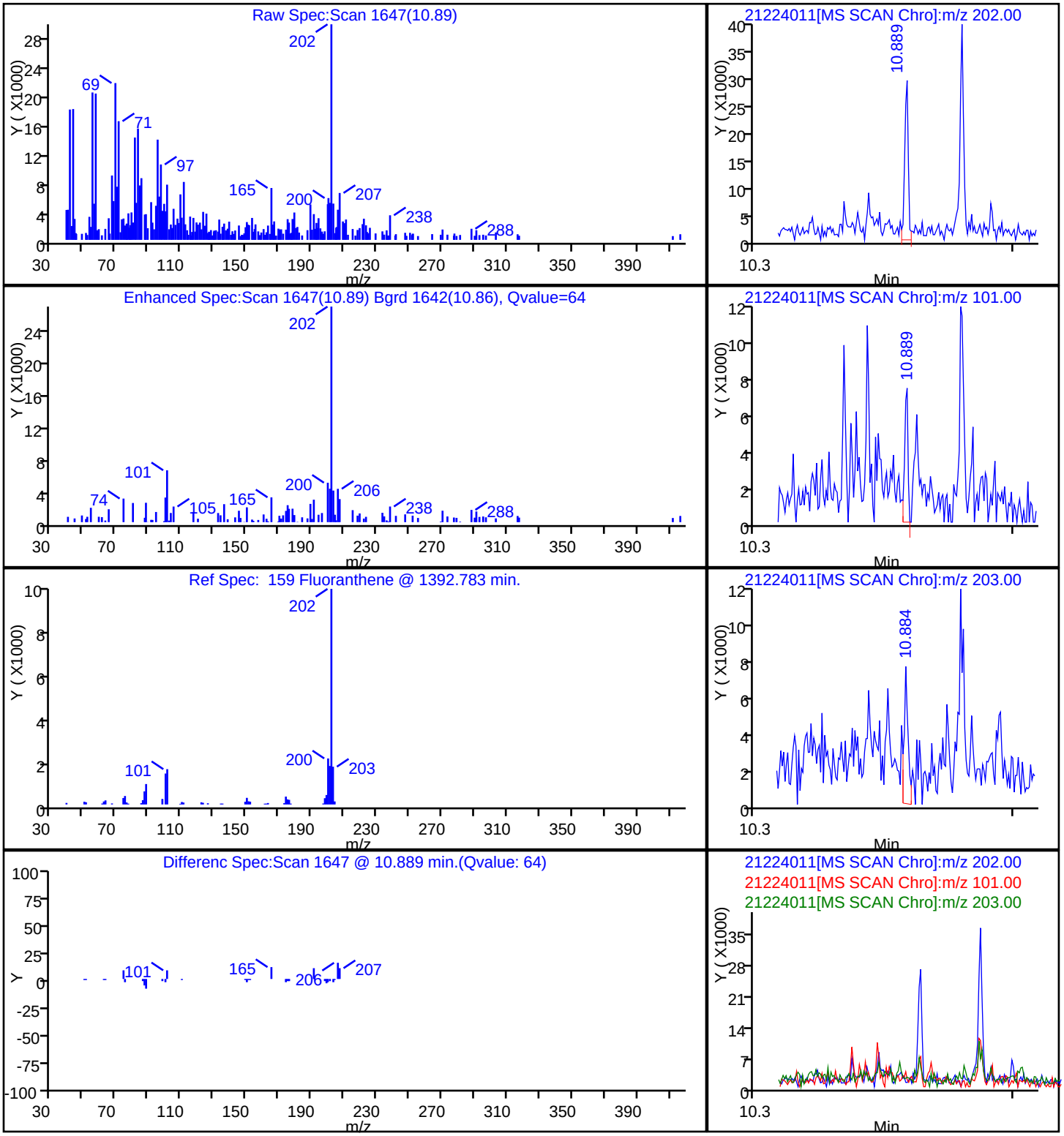


Report Date: 25-Dec-2012 12:56:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D		
Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



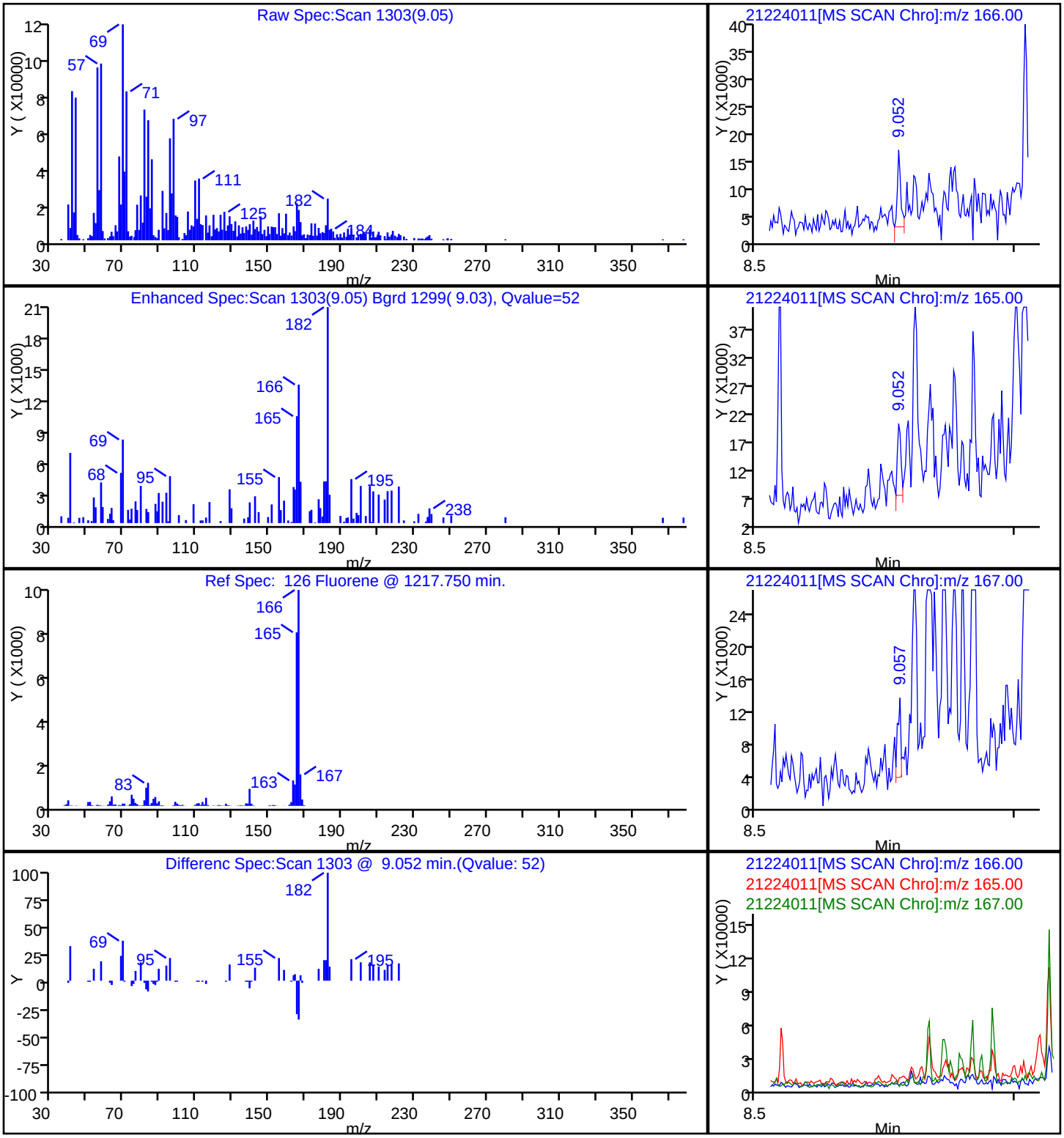
Report Date: 25-Dec-2012 12:56:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D

Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

126 Fluorene



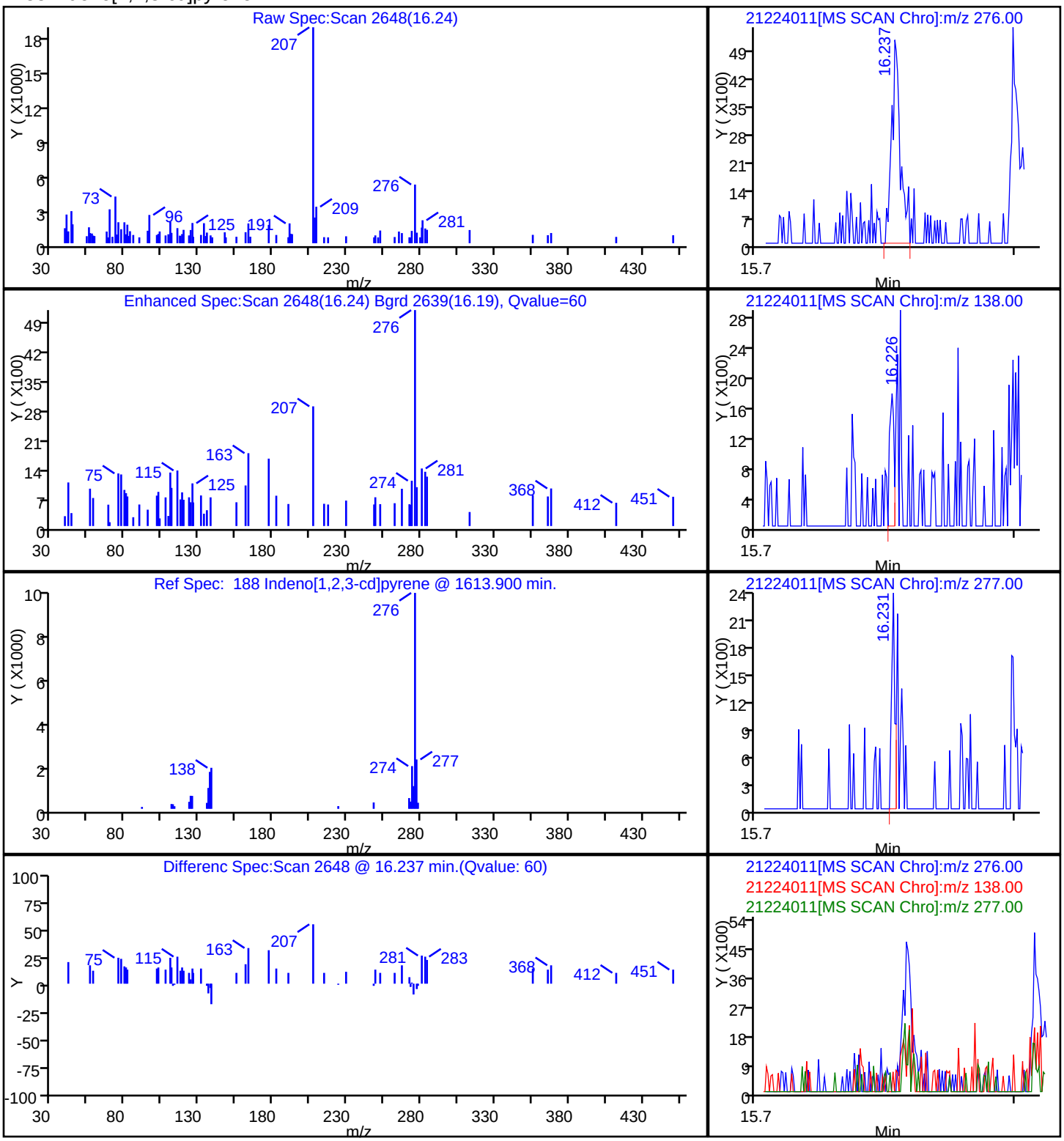
Report Date: 25-Dec-2012 12:56:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D

Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



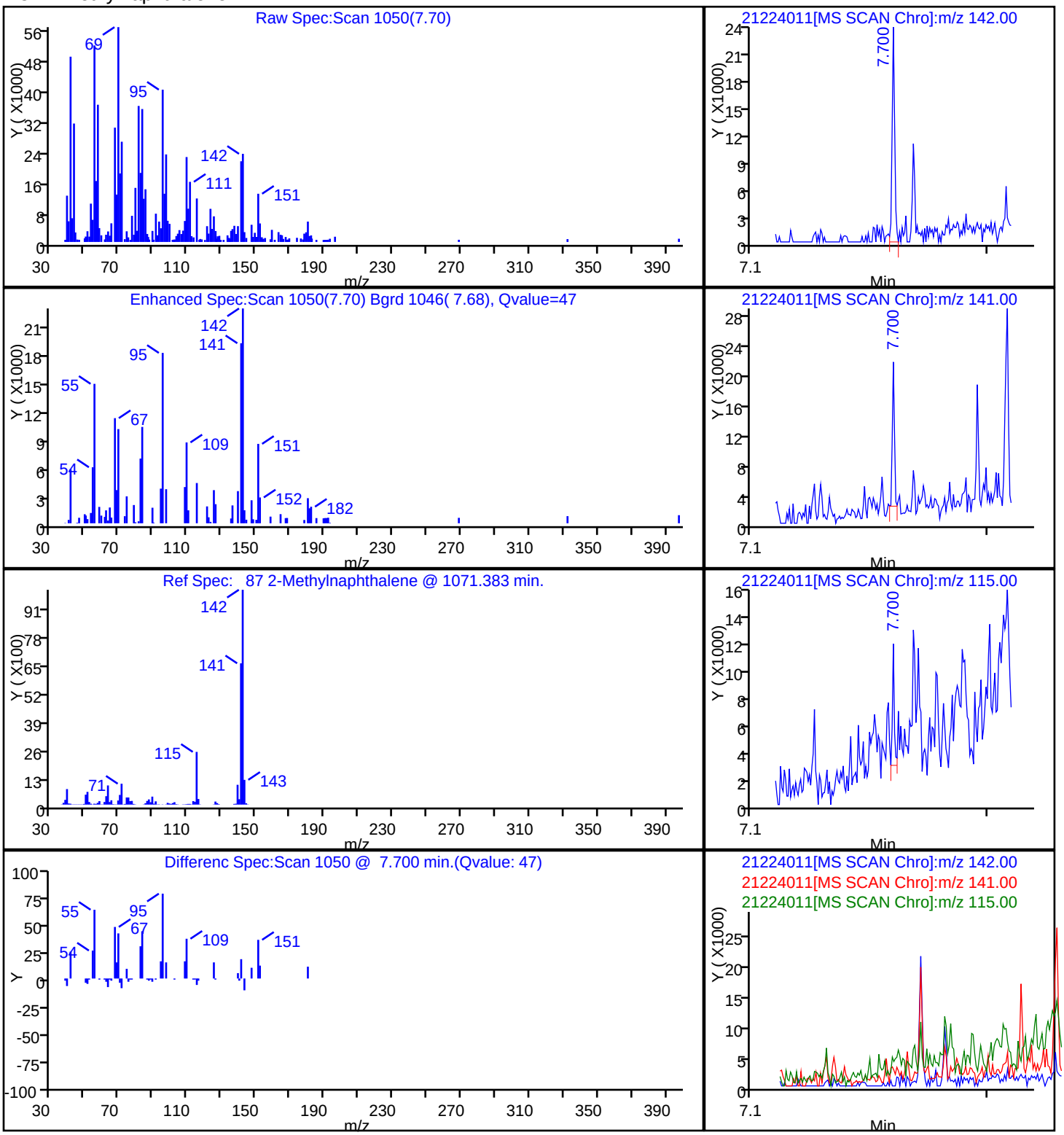
Report Date: 25-Dec-2012 12:56:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D

Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene



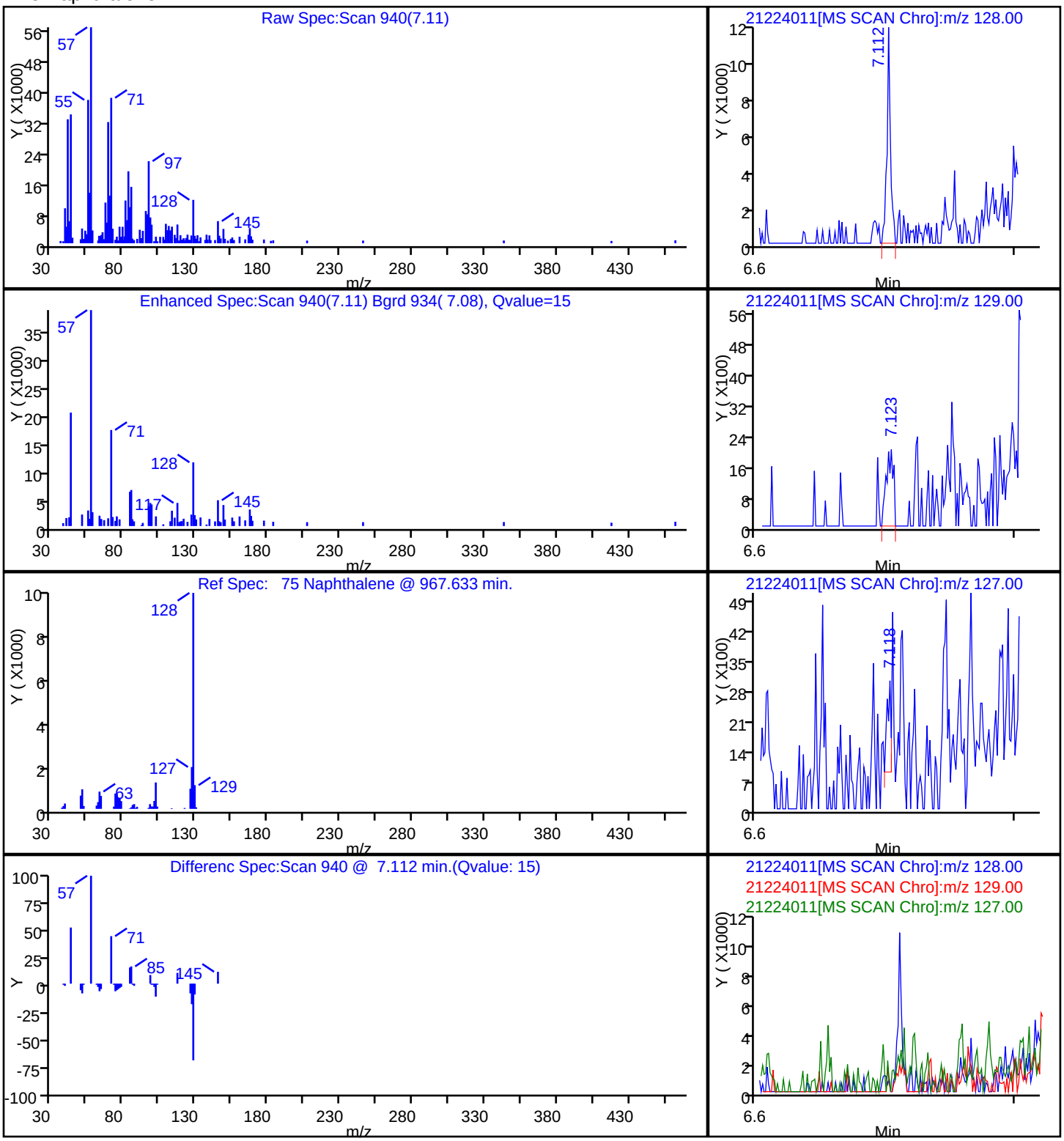
Report Date: 25-Dec-2012 12:56:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D

Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene



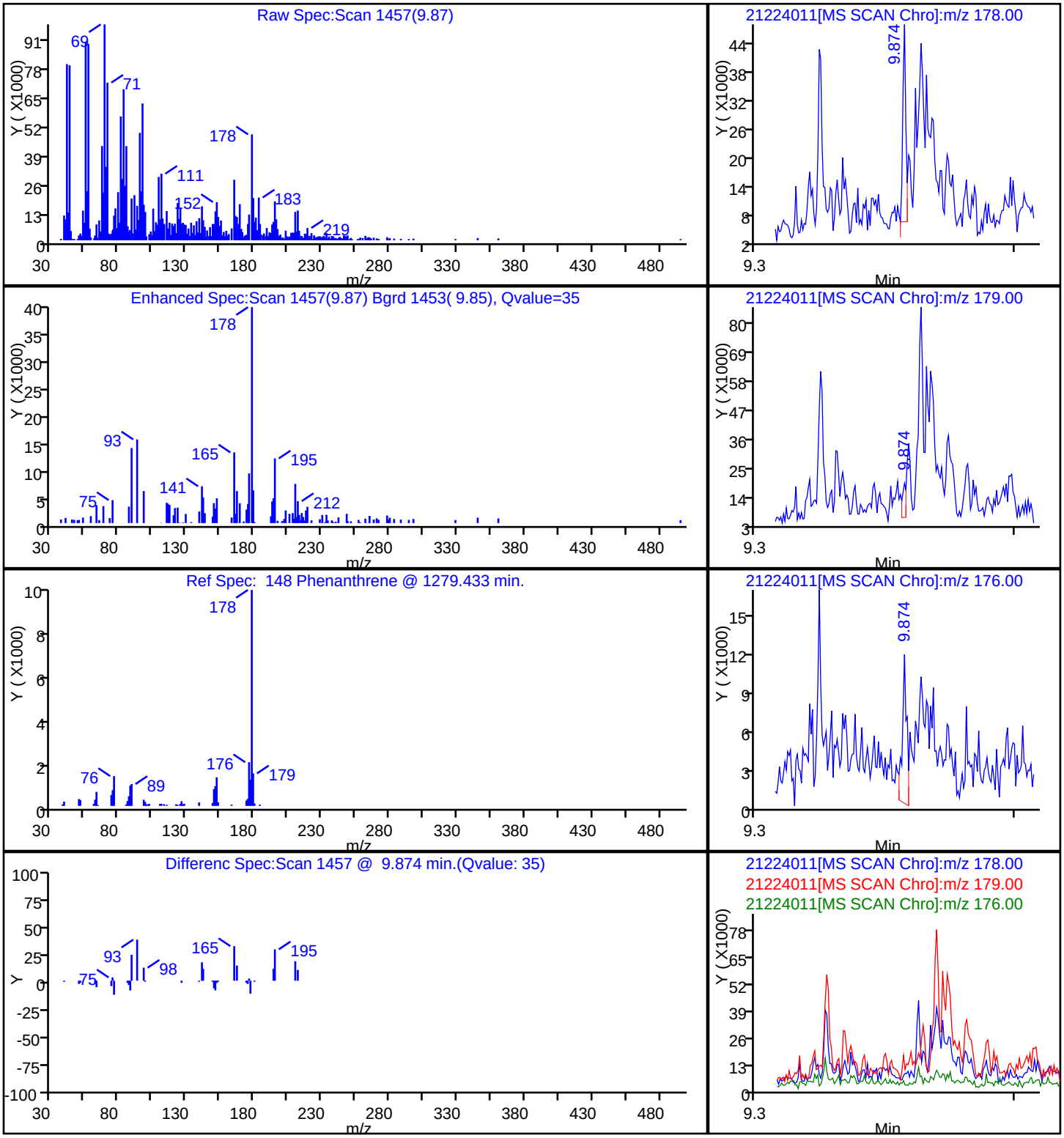
Report Date: 25-Dec-2012 12:56:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D

Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



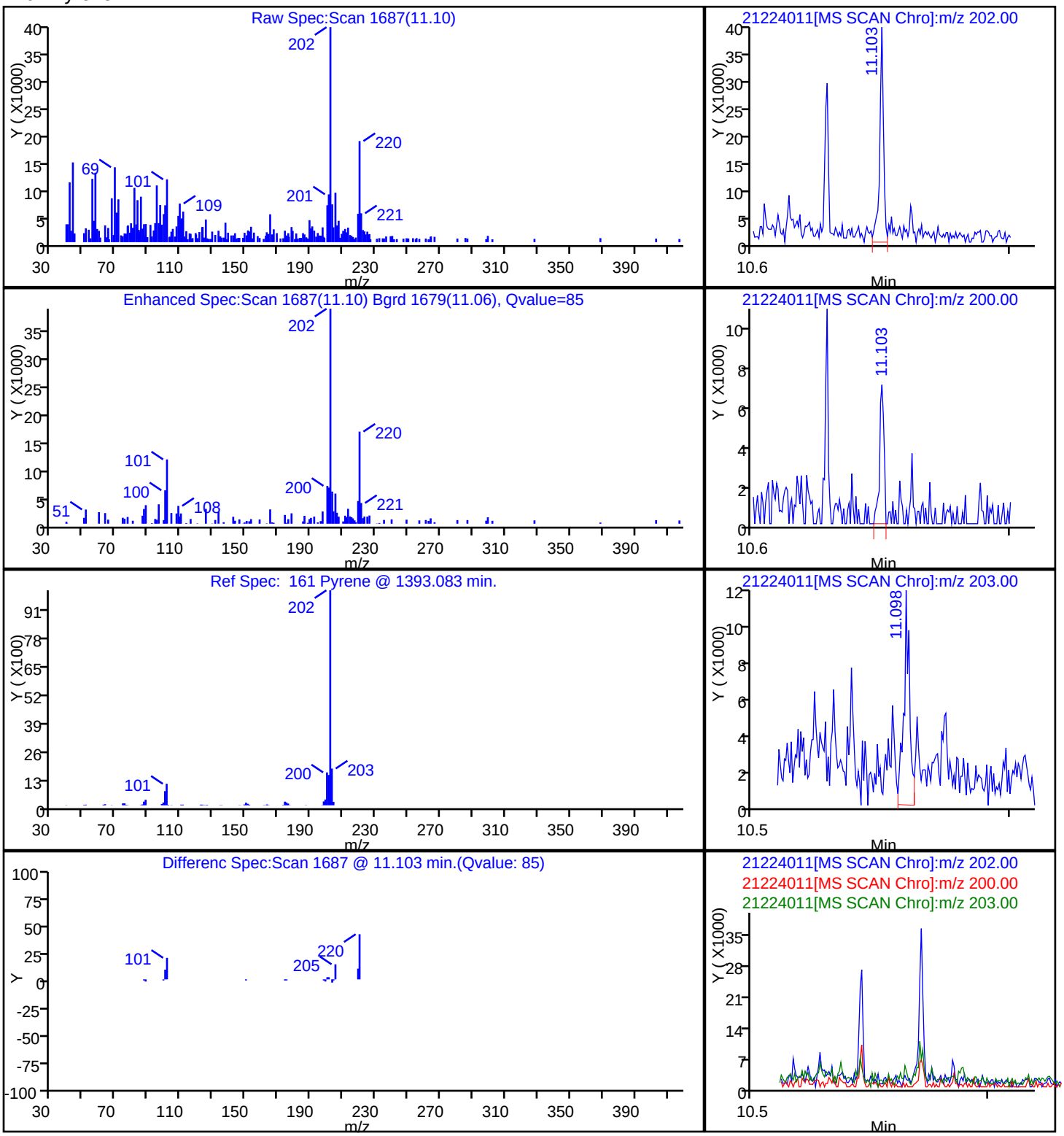
Report Date: 25-Dec-2012 12:56:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D

Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



Manual Integration/User Assign Peak Report

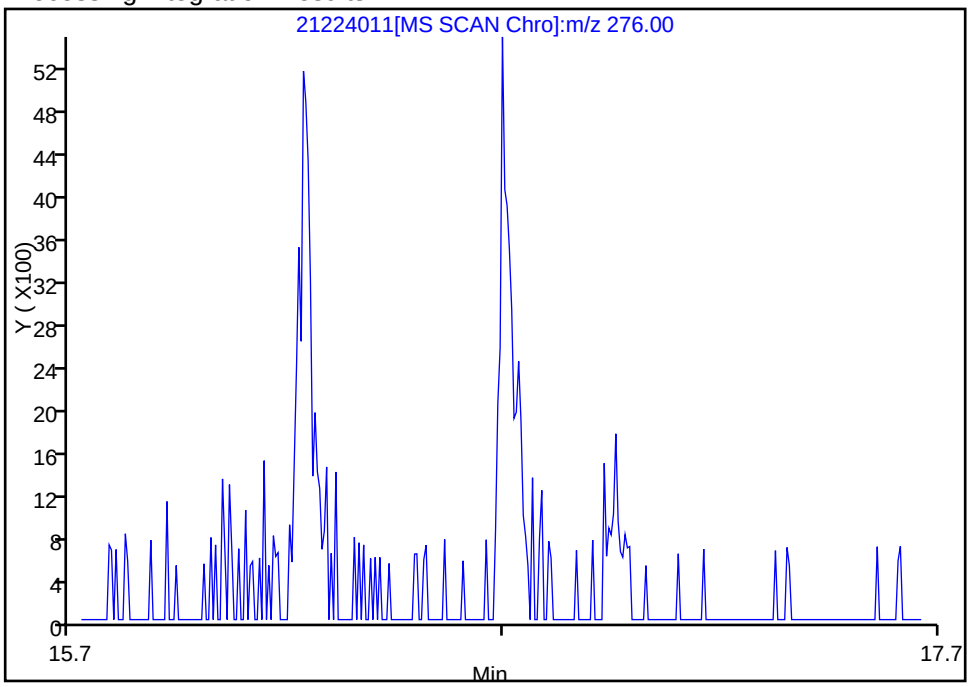
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D		
Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
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: 16.73

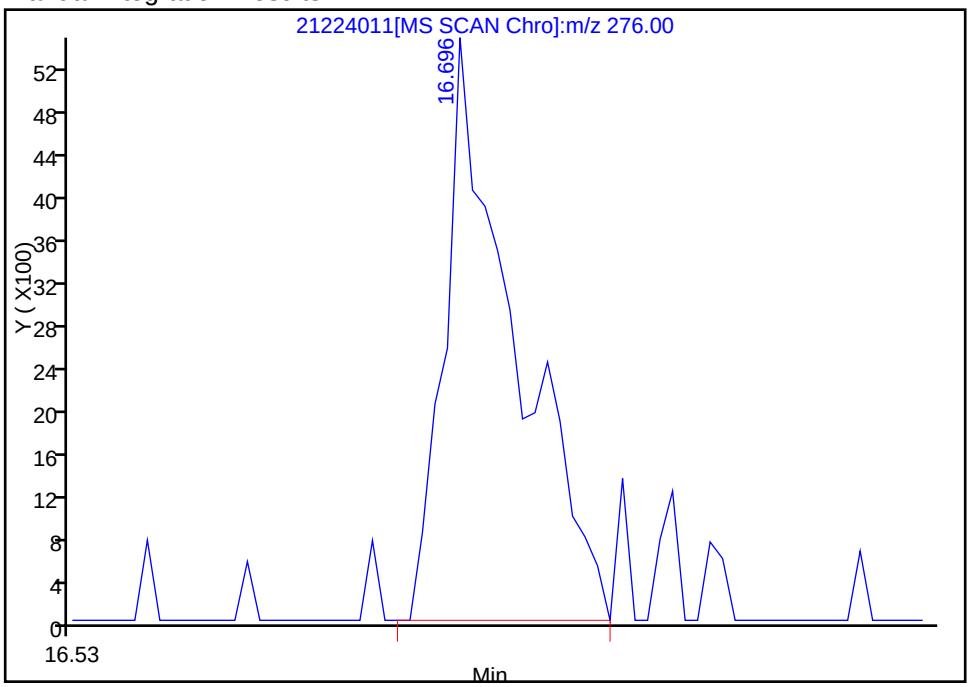
Not Detected
Expected RT: 16.73

Processing Integration Results



Manual Integration Results

RT: 16.70
Response: 11368
Amount: 0.214170



Reviewer: ulmanm, 25-Dec-2012 11:57:47
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

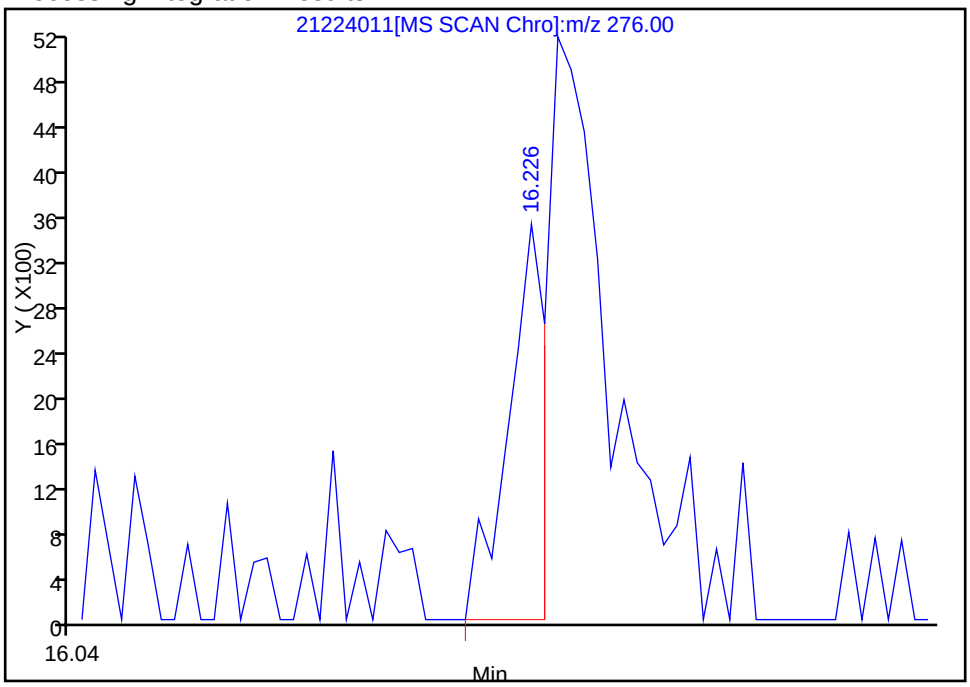
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224011.D		
Injection Date:	24-Dec-2012 14:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	11
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: 16.25

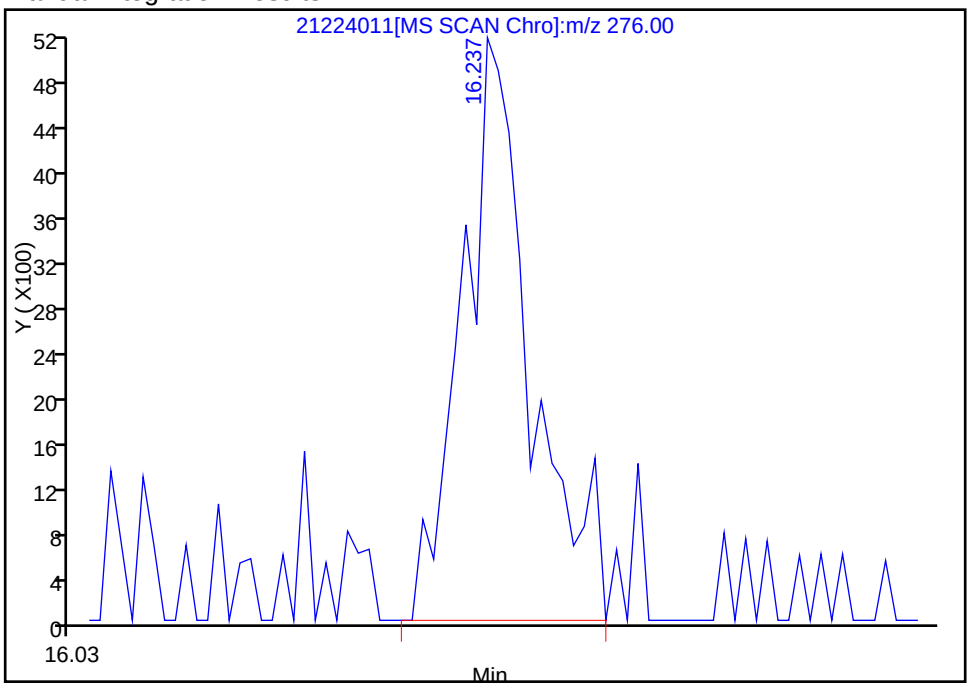
Processing Integration Results

RT: 16.23
Response: 3641
Amount: 0.029237



Manual Integration Results

RT: 16.24
Response: 12055
Amount: 0.096800



Reviewer: ulmanm, 25-Dec-2012 11:57:47
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0083-0001-SO | Lab Sample ID: 240-18703-9

Matrix: Solid | Lab File ID: 21224012.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 11:15

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.45(g) | Date Analyzed: 12/24/2012 14:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.8	U	7.7	3.8	3.8
208-96-8	Acenaphthylene	3.8	U	7.7	3.8	3.8
120-12-7	Anthracene	3.8	U	7.7	3.8	3.8
56-55-3	Benzo[a]anthracene	3.8	U	7.7	3.8	3.8
50-32-8	Benzo[a]pyrene	3.8	U	7.7	3.8	3.8
205-99-2	Benzo[b]fluoranthene	3.8	U	7.7	3.8	3.8
191-24-2	Benzo[g,h,i]perylene	3.8	U	7.7	3.8	3.8
65-85-0	Benzoic acid	380	U	760	380	380
207-08-9	Benzo[k]fluoranthene	3.8	U	7.7	3.8	3.8
100-51-6	Benzyl alcohol	31	U	380	31	24
111-91-1	Bis(2-chloroethoxy)methane	31	U	120	31	25
111-44-4	Bis(2-chloroethyl)ether	3.8	U	120	3.8	2.3
108-60-1	bis (2-chloroisopropyl) ether	31	U	120	31	11
117-81-7	Bis(2-ethylhexyl) phthalate	31	U	58	31	22
101-55-3	4-Bromophenyl phenyl ether	31	U	58	31	15
85-68-7	Butyl benzyl phthalate	31	U	58	31	12
86-74-8	Carbazole	31	U	58	31	31
106-47-8	4-Chloroaniline	31	U	170	31	20
59-50-7	4-Chloro-3-methylphenol	31	U	170	31	24
91-58-7	2-Chloronaphthalene	3.8	U	58	3.8	3.8
95-57-8	2-Chlorophenol	31	U	58	31	31
7005-72-3	4-Chlorophenyl phenyl ether	31	U	58	31	15
218-01-9	Chrysene	3.8	U	7.7	3.8	1.3
53-70-3	Dibenz(a,h)anthracene	3.8	U	7.7	3.8	3.8
132-64-9	Dibenzofuran	3.8	U	58	3.8	3.8
95-50-1	1,2-Dichlorobenzene	31	U	58	31	11
541-73-1	1,3-Dichlorobenzene	31	U	58	31	13
106-46-7	1,4-Dichlorobenzene	31	U	58	31	23
91-94-1	3,3'-Dichlorobenzidine	92	U	120	92	21
120-83-2	2,4-Dichlorophenol	31	U	170	31	23
84-66-2	Diethyl phthalate	31	U	58	31	18
105-67-9	2,4-Dimethylphenol	92	U	170	92	23
131-11-3	Dimethyl phthalate	31	U	58	31	20
84-74-2	Di-n-butyl phthalate	31	U	58	31	17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0083-0001-SO | Lab Sample ID: 240-18703-9

Matrix: Solid | Lab File ID: 21224012.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 11:15

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.45(g) | Date Analyzed: 12/24/2012 14:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	92	U	170	92	92
51-28-5	2,4-Dinitrophenol	92	U	380	92	92
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	58	31	31
206-44-0	Fluoranthene	3.8	U	7.7	3.8	3.8
86-73-7	Fluorene	3.8	U	7.7	3.8	3.8
118-74-1	Hexachlorobenzene	3.8	U	7.7	3.8	2.4
87-68-3	Hexachlorobutadiene	31	U	58	31	31
77-47-4	Hexachlorocyclopentadiene	31	U	380	31	31
67-72-1	Hexachloroethane	31	U	58	31	10
193-39-5	Indeno[1,2,3-cd]pyrene	3.8	U	7.7	3.8	3.8
78-59-1	Isophorone	31	U	58	31	15
91-57-6	2-Methylnaphthalene	3.8	U	7.7	3.8	3.8
95-48-7	2-Methylphenol	92	U	230	92	92
15831-10-4	3 & 4 Methylphenol	92	U	460	92	23
91-20-3	Naphthalene	3.8	U	7.7	3.8	3.8
88-74-4	2-Nitroaniline	31	U	230	31	10
99-09-2	3-Nitroaniline	92	U	230	92	18
100-01-6	4-Nitroaniline	31	U	230	31	30
98-95-3	Nitrobenzene	3.8	U	120	3.8	2.5
88-75-5	2-Nitrophenol	31	U	58	31	31
100-02-7	4-Nitrophenol	92	U	380	92	92
621-64-7	N-Nitrosodi-n-propylamine	31	U	58	31	31
86-30-6	N-Nitrosodiphenylamine	31	U	58	31	24
87-86-5	Pentachlorophenol	92	U	170	92	92
85-01-8	Phenanthrene	3.8	U	7.7	3.8	3.8
108-95-2	Phenol	31	U	58	31	31
129-00-0	Pyrene	3.8	U	7.7	3.8	3.8
120-82-1	1,2,4-Trichlorobenzene	31	U	58	31	31
95-95-4	2,4,5-Trichlorophenol	31	U	170	31	29
88-06-2	2,4,6-Trichlorophenol	92	U	170	92	92

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0083-0001-SO | Lab Sample ID: 240-18703-9

Matrix: Solid | Lab File ID: 21224012.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 11:15

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.45(g) | Date Analyzed: 12/24/2012 14:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	53		45-105
367-12-4	2-Fluorophenol (Surr)	71		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	59		35-100
4165-62-2	Phenol-d5 (Surr)	73		40-100
1718-51-0	Terphenyl-d14 (Surr)	66		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	53		35-125

Report Date: 25-Dec-2012 12:56:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224012.D
Lims ID: 240-18703-H-9-B Client ID: 072SB-0083-0001-SO
Inject. Date: 24-Dec-2012 14:39:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-012
Misc. Info.: 240-18703-H-9-B =240-18703-H-9-B
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 69988 Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26 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: XAWRK027

First Level Reviewer: ulmanm Date: 25-Dec-2012 11:58:24

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.986	5.988	-0.002	94	117385	4.00	
* 2 Naphthalene-d8	136	7.097	7.094	0.003	99	461449	4.00	
* 3 Acenaphthene-d10	164	8.587	8.589	-0.002	83	266010	4.00	
* 4 Phenanthrene-d10	188	9.854	9.856	-0.002	99	488326	4.00	
* 5 Chrysene-d12	240	12.439	12.446	-0.007	77	474950	4.00	
* 6 Perylene-d12	264	14.549	14.557	-0.008	83	370037	4.00	
$ 7 2-Fluorophenol	112	4.763	4.748	0.015	95	416788	10.6	
$ 8 Phenol-d5	99	5.628	5.625	0.003	0	633250	10.9	
$ 9 Nitrobenzene-d5	82	6.467	6.469	-0.002	84	413356	5.86	
$ 10 2-Fluorobiphenyl (Surr)	172	8.000	8.002	-0.002	99	565601	5.30	
$ 11 2,4,6-Tribromophenol	330	9.255	9.257	-0.002	84	72977	7.94	
$ 12 Terphenyl-d14	244	11.221	11.223	-0.002	98	710671	6.61	
43 Phenol	94		5.635					9
69 Bis(2-chloroethyl)ether	93		5.737					9
46 2-Chlorophenol	128		5.796					
47 1,3-Dichlorobenzene	146		5.940					
48 1,4-Dichlorobenzene	146		6.004					
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					9
21 3 & 4 Methylphenol	108		6.308					
57 N-Nitrosodi-n-propylamine	70		6.324					9
61 Hexachloroethane	117		6.437					
62 Nitrobenzene	77		6.485					9
64 Isophorone	82		6.688					
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					
71 Benzoic acid	122		6.827					9
70 Bis(2-chloroethoxy)methane	93		6.859					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.960					
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128		7.115					9
76 4-Chloroaniline	127		7.147					
79 Hexachlorobutadiene	225		7.211					
86 4-Chloro-3-methylphenol	107		7.532					
87 2-Methylnaphthalene	142		7.703					9
89 Hexachlorocyclopentadiene	237		7.831					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65		8.189					9
105 Dimethyl phthalate	163		8.328					
107 2,6-Dinitrotoluene	165		8.386					9
109 Acenaphthylene	152		8.472					
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153		8.622					
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					
114 2,4-Dinitrotoluene	165		8.728					
116 Dibenzofuran	168		8.766					9
121 Diethyl phthalate	149		8.921					9
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166		9.054					
128 4,6-Dinitro-2-methylphenol	198		9.076					
131 N-Nitrosodiphenylamine	169		9.134					
139 4-Bromophenyl phenyl ether	248		9.455					
141 Hexachlorobenzene	284		9.519					
143 Pentachlorophenol	266		9.679					
148 Phenanthrene	178		9.877					9
149 Anthracene	178		9.920					9
151 Carbazole	167		10.043					9
154 Di-n-butyl phthalate	149		10.299					
159 Fluoranthene	202		10.892					9
161 Pyrene	202		11.106					9
168 Butyl benzyl phthalate	149		11.709					9
175 3,3'-Dichlorobenzidine	252		12.372					
173 Bis(2-ethylhexyl) phthalate	149	12.391	12.393	-0.002	74	16672	0.1909	
177 Benzo[a]anthracene	228		12.430					9
178 Chrysene	228		12.479					9
180 Di-n-octyl phthalate	149		13.323					9
182 Benzo[b]fluoranthene	252		13.964					9
183 Benzo[k]fluoranthene	252		14.006					9
184 Benzo[a]pyrene	252		14.471					9
188 Indeno[1,2,3-cd]pyrene	276		16.250					
189 Dibenz(a,h)anthracene	278		16.282					
190 Benzo[g,h,i]perylene	276		16.726					9

QC Flag Legend

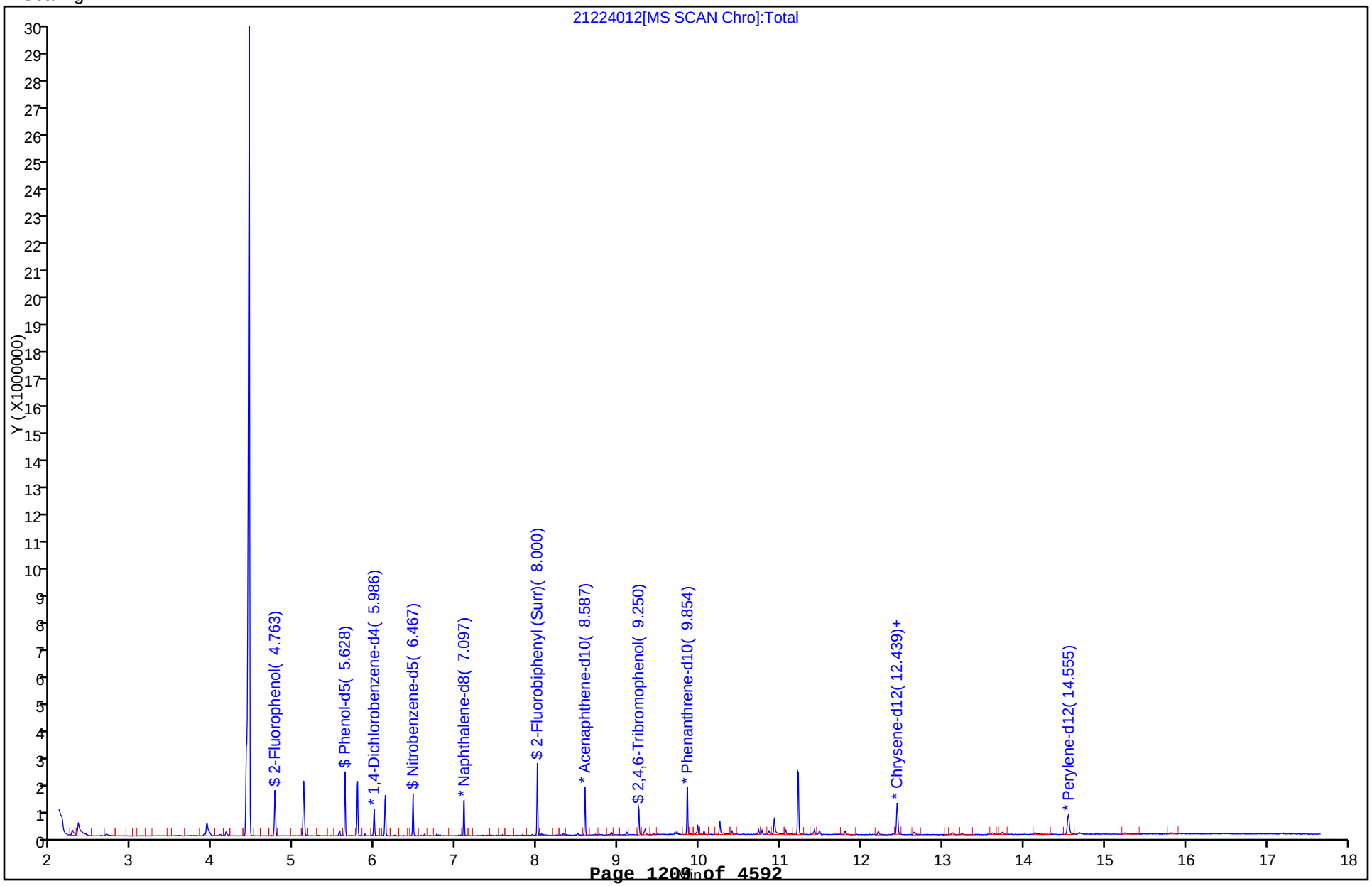
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 25-Dec-2012 12:56:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224012.D		
Injection Date:	24-Dec-2012 14:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0083-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0084-0001-SO | Lab Sample ID: 240-18703-10

Matrix: Solid | Lab File ID: 21224013.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 11:30

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.15(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: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.8	U	7.7	3.8	3.8
208-96-8	Acenaphthylene	3.8	U	7.7	3.8	3.8
120-12-7	Anthracene	3.8	U	7.7	3.8	3.8
56-55-3	Benzo[a]anthracene	3.8	U	7.7	3.8	3.8
50-32-8	Benzo[a]pyrene	3.8	U	7.7	3.8	3.8
205-99-2	Benzo[b]fluoranthene	3.8	U	7.7	3.8	3.8
191-24-2	Benzo[g,h,i]perylene	3.8	U	7.7	3.8	3.8
65-85-0	Benzoic acid	380	U	760	380	380
207-08-9	Benzo[k]fluoranthene	3.8	U	7.7	3.8	3.8
100-51-6	Benzyl alcohol	31	U	380	31	24
111-91-1	Bis(2-chloroethoxy)methane	31	U	120	31	25
111-44-4	Bis(2-chloroethyl)ether	3.8	U	120	3.8	2.3
108-60-1	bis (2-chloroisopropyl) ether	31	U	120	31	11
117-81-7	Bis(2-ethylhexyl) phthalate	31	U	58	31	22
101-55-3	4-Bromophenyl phenyl ether	31	U	58	31	15
85-68-7	Butyl benzyl phthalate	31	U	58	31	12
86-74-8	Carbazole	31	U	58	31	31
106-47-8	4-Chloroaniline	31	U	170	31	20
59-50-7	4-Chloro-3-methylphenol	31	U	170	31	24
91-58-7	2-Chloronaphthalene	3.8	U	58	3.8	3.8
95-57-8	2-Chlorophenol	31	U	58	31	31
7005-72-3	4-Chlorophenyl phenyl ether	31	U	58	31	15
218-01-9	Chrysene	5.3	J M	7.7	3.8	1.3
53-70-3	Dibenz(a,h)anthracene	3.8	U	7.7	3.8	3.8
132-64-9	Dibenzofuran	3.8	U	58	3.8	3.8
95-50-1	1,2-Dichlorobenzene	31	U	58	31	11
541-73-1	1,3-Dichlorobenzene	31	U	58	31	13
106-46-7	1,4-Dichlorobenzene	31	U	58	31	23
91-94-1	3,3'-Dichlorobenzidine	92	U	120	92	21
120-83-2	2,4-Dichlorophenol	31	U	170	31	23
84-66-2	Diethyl phthalate	31	U	58	31	18
105-67-9	2,4-Dimethylphenol	92	U	170	92	23
131-11-3	Dimethyl phthalate	31	U	58	31	20
84-74-2	Di-n-butyl phthalate	31	U	58	31	17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0084-0001-SO | Lab Sample ID: 240-18703-10

Matrix: Solid | Lab File ID: 21224013.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 11:30

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.15(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: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	92	U	170	92	92
51-28-5	2,4-Dinitrophenol	92	U	380	92	92
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	58	31	31
206-44-0	Fluoranthene	3.8	U	7.7	3.8	3.8
86-73-7	Fluorene	3.8	U	7.7	3.8	3.8
118-74-1	Hexachlorobenzene	3.8	U	7.7	3.8	2.4
87-68-3	Hexachlorobutadiene	31	U	58	31	31
77-47-4	Hexachlorocyclopentadiene	31	U	380	31	31
67-72-1	Hexachloroethane	31	U	58	31	10
193-39-5	Indeno[1,2,3-cd]pyrene	3.8	U	7.7	3.8	3.8
78-59-1	Isophorone	31	U	58	31	15
91-57-6	2-Methylnaphthalene	3.8	U	7.7	3.8	3.8
95-48-7	2-Methylphenol	92	U	230	92	92
15831-10-4	3 & 4 Methylphenol	92	U	460	92	23
91-20-3	Naphthalene	3.8	U	7.7	3.8	3.8
88-74-4	2-Nitroaniline	31	U	230	31	11
99-09-2	3-Nitroaniline	92	U	230	92	18
100-01-6	4-Nitroaniline	31	U	230	31	30
98-95-3	Nitrobenzene	3.8	U	120	3.8	2.5
88-75-5	2-Nitrophenol	31	U	58	31	31
100-02-7	4-Nitrophenol	92	U	380	92	92
621-64-7	N-Nitrosodi-n-propylamine	31	U	58	31	31
86-30-6	N-Nitrosodiphenylamine	31	U	58	31	24
87-86-5	Pentachlorophenol	92	U	170	92	92
85-01-8	Phenanthrene	8.9		7.7	3.8	3.8
108-95-2	Phenol	31	U	58	31	31
129-00-0	Pyrene	3.8	U	7.7	3.8	3.8
120-82-1	1,2,4-Trichlorobenzene	31	U	58	31	31
95-95-4	2,4,5-Trichlorophenol	31	U	170	31	29
88-06-2	2,4,6-Trichlorophenol	92	U	170	92	92

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0084-0001-SO | Lab Sample ID: 240-18703-10

Matrix: Solid | Lab File ID: 21224013.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 11:30

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.15(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: 13.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	56		45-105
367-12-4	2-Fluorophenol (Surr)	77		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	65		35-100
4165-62-2	Phenol-d5 (Surr)	77		40-100
1718-51-0	Terphenyl-d14 (Surr)	70		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	50		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224013.D
Lims ID: 240-18703-H-10-B Client ID: 072SB-0084-0001-SO
Inject. Date: 24-Dec-2012 15:04:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-013
Misc. Info.: 240-18703-H-10-B =240-18703-H-10-B
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 69988 Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26 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: XAWRK027

First Level Reviewer: ulmanm Date: 25-Dec-2012 11:59:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.986	5.988	-0.002	91	117962	4.00	
* 2 Naphthalene-d8	136	7.097	7.094	0.003	99	442902	4.00	
* 3 Acenaphthene-d10	164	8.587	8.589	-0.002	89	269802	4.00	
* 4 Phenanthrene-d10	188	9.848	9.856	-0.008	97	495106	4.00	
* 5 Chrysene-d12	240	12.439	12.446	-0.007	80	457506	4.00	
* 6 Perylene-d12	264	14.549	14.557	-0.008	79	372157	4.00	
$ 7 2-Fluorophenol	112	4.762	4.748	0.014	93	456706	11.5	
$ 8 Phenol-d5	99	5.628	5.625	0.003	0	678370	11.6	
$ 9 Nitrobenzene-d5	82	6.467	6.469	-0.002	81	441279	6.52	
$ 10 2-Fluorobiphenyl (Surr)	172	8.000	8.002	-0.002	99	610274	5.64	
$ 11 2,4,6-Tribromophenol	330	9.255	9.257	-0.002	85	69431	7.48	
$ 12 Terphenyl-d14	244	11.216	11.223	-0.007	97	729605	7.04	
43 Phenol	94		5.635					9
69 Bis(2-chloroethyl)ether	93		5.737					9
46 2-Chlorophenol	128		5.796					9
47 1,3-Dichlorobenzene	146		5.940					9
48 1,4-Dichlorobenzene	146		6.004					9
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					9
21 3 & 4 Methylphenol	108		6.308					
57 N-Nitrosodi-n-propylamine	70		6.324					9
61 Hexachloroethane	117		6.437					
62 Nitrobenzene	77		6.485					
64 Isophorone	82		6.688					9
66 2-Nitrophenol	139		6.762					9
65 2,4-Dimethylphenol	107		6.773					
71 Benzoic acid	122	6.782	6.827	-0.045	55	3540	0.99	
70 Bis(2-chloroethoxy)methane	93		6.859					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.960					
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128		7.115					9
76 4-Chloroaniline	127		7.147					9
79 Hexachlorobutadiene	225		7.211					
86 4-Chloro-3-methylphenol	107		7.532					
87 2-Methylnaphthalene	142		7.703					
89 Hexachlorocyclopentadiene	237		7.831					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65		8.189					
105 Dimethyl phthalate	163		8.328					9
107 2,6-Dinitrotoluene	165		8.386					
109 Acenaphthylene	152		8.472					
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153		8.622					9
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					
114 2,4-Dinitrotoluene	165		8.728					9
116 Dibenzofuran	168		8.766					9
121 Diethyl phthalate	149		8.921					
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166		9.054					9
128 4,6-Dinitro-2-methylphenol	198		9.076					
131 N-Nitrosodiphenylamine	169		9.134					
139 4-Bromophenyl phenyl ether	248		9.455					
141 Hexachlorobenzene	284		9.519					
143 Pentachlorophenol	266		9.679					9
148 Phenanthrene	178	9.870	9.877	-0.007	26	15953	0.1159	
149 Anthracene	178		9.920					
151 Carbazole	167		10.043					
154 Di-n-butyl phthalate	149		10.299					
159 Fluoranthene	202		10.892					9
161 Pyrene	202		11.106					9
168 Butyl benzyl phthalate	149		11.709					
175 3,3'-Dichlorobenzidine	252		12.372					
173 Bis(2-ethylhexyl) phthalate	149	12.386	12.393	-0.007	75	15932	0.1894	
177 Benzo[a]anthracene	228		12.430					9
178 Chrysene	228	12.471	12.479	-0.008	0	8825	0.0689	M
180 Di-n-octyl phthalate	149		13.323					
182 Benzo[b]fluoranthene	252		13.964					9
183 Benzo[k]fluoranthene	252		14.006					9
184 Benzo[a]pyrene	252		14.471					
188 Indeno[1,2,3-cd]pyrene	276		16.250					
189 Dibenz(a,h)anthracene	278		16.282					
190 Benzo[g,h,i]perylene	276		16.726					9

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

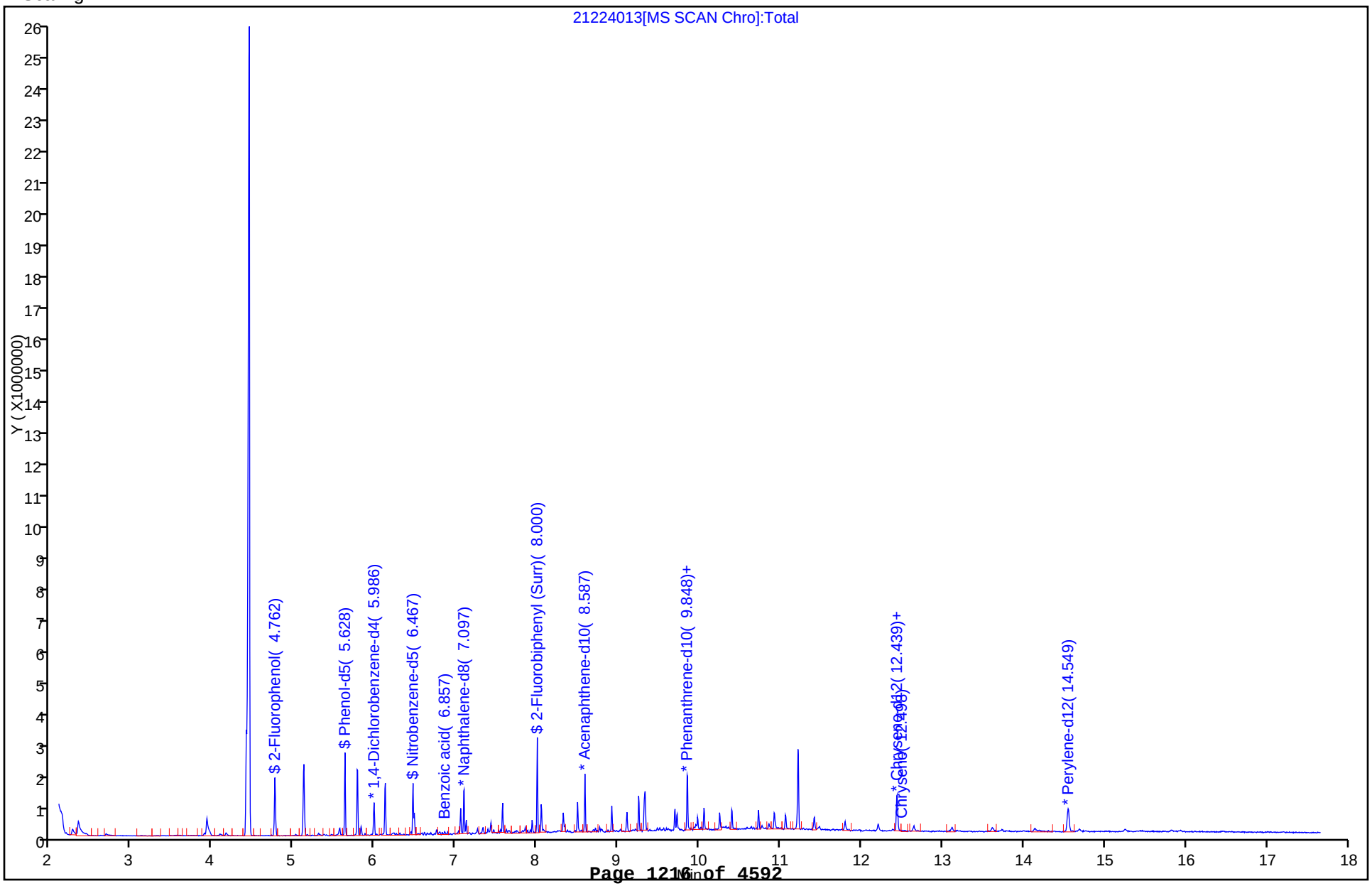
Review Flags
M - Manually Integrated

Report Date: 25-Dec-2012 12:56:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224013.D		
Injection Date:	24-Dec-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0084-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



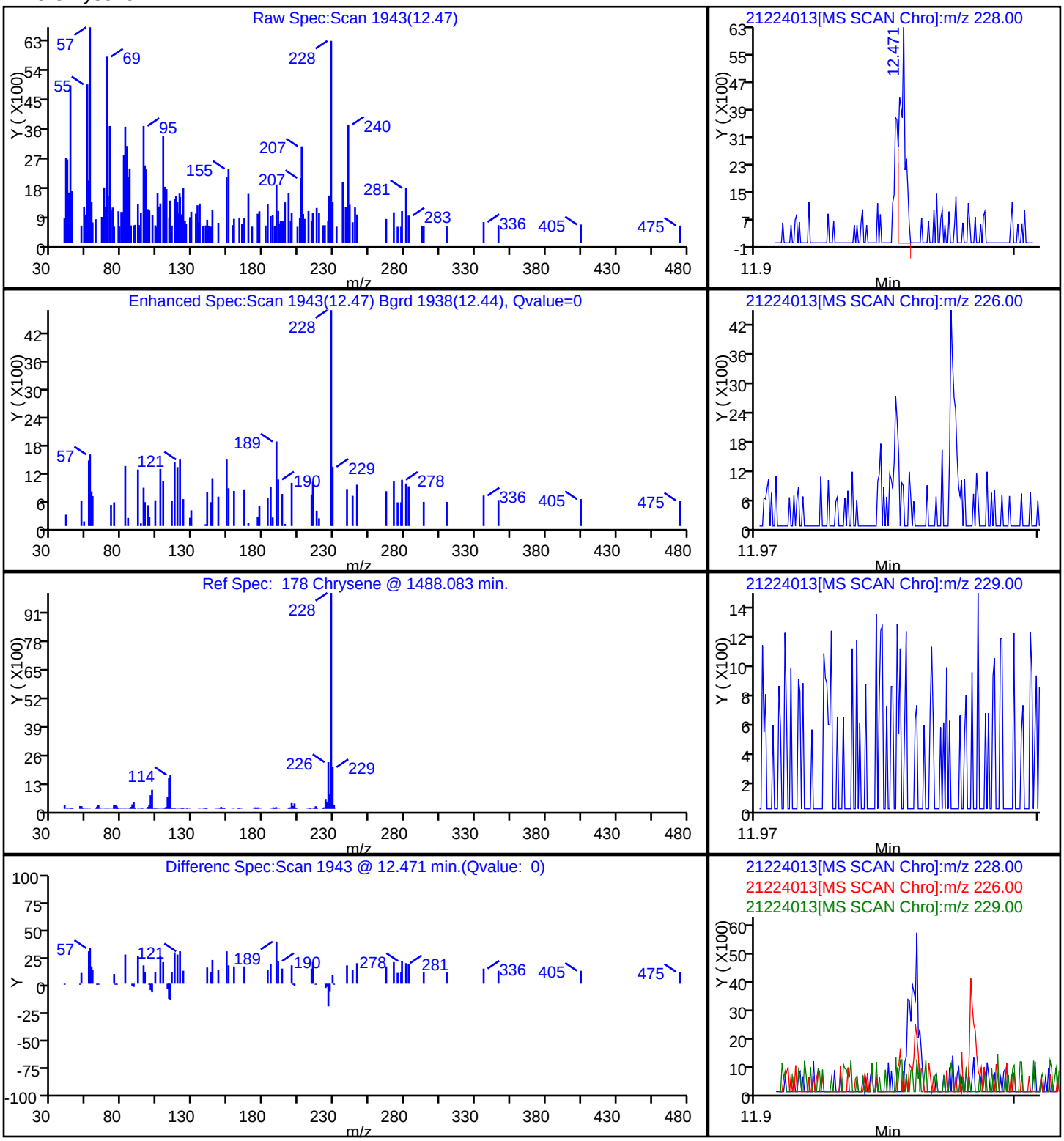
Report Date: 25-Dec-2012 12:56:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224013.D

Injection Date:	24-Dec-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0084-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene



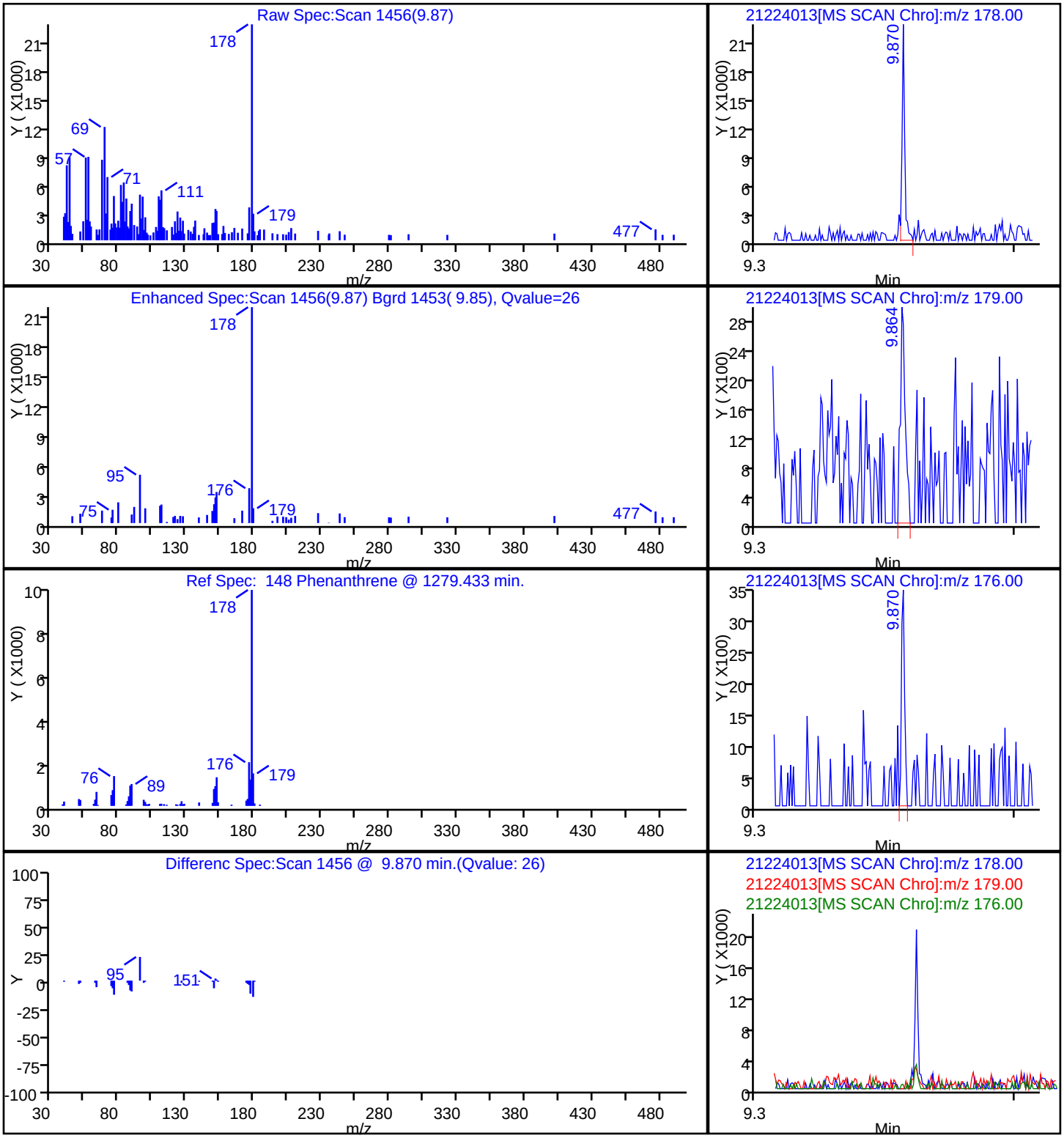
Report Date: 25-Dec-2012 12:56:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224013.D

Injection Date:	24-Dec-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0084-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



Manual Integration/User Assign Peak Report

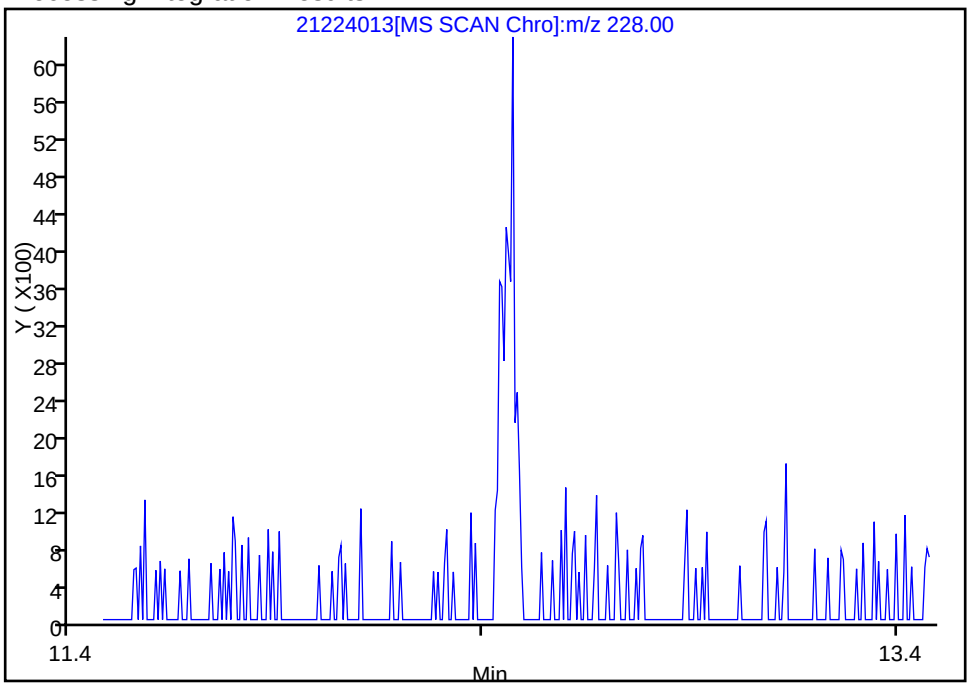
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224013.D		
Injection Date:	24-Dec-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0084-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene, Signal: 1, m/z: 228.0 Type: quant, RT: 12.48

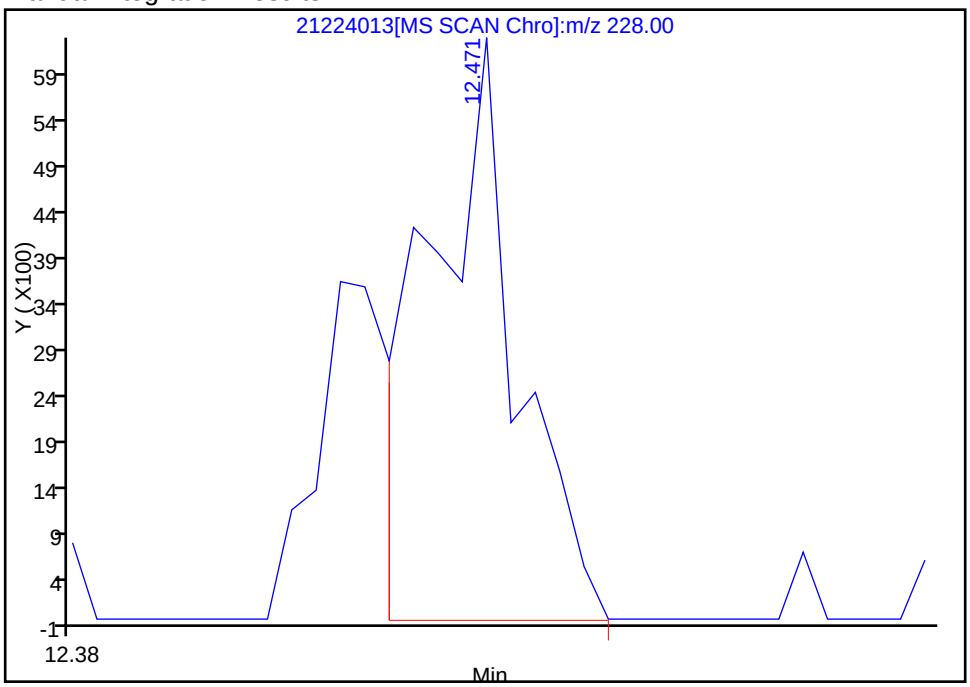
Processing Integration Results

Not Detected
Expected RT: 12.48



Manual Integration Results

RT: 12.47
Response: 8825
Amount: 0.068877



Reviewer: ulmanm, 25-Dec-2012 11:59:39
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0085-0001-SO | Lab Sample ID: 240-18703-11

Matrix: Solid | Lab File ID: 21224014.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 12:05

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.35(g) | Date Analyzed: 12/24/2012 15:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.9	U	7.8	3.9	3.9
208-96-8	Acenaphthylene	3.9	U	7.8	3.9	3.9
120-12-7	Anthracene	3.9	U	7.8	3.9	3.9
56-55-3	Benzo[a]anthracene	3.9	U	7.8	3.9	3.9
50-32-8	Benzo[a]pyrene	3.9	U	7.8	3.9	3.9
205-99-2	Benzo[b]fluoranthene	3.9	U	7.8	3.9	3.9
191-24-2	Benzo[g,h,i]perylene	3.9	U	7.8	3.9	3.9
65-85-0	Benzoic acid	390	U	770	390	390
207-08-9	Benzo[k]fluoranthene	3.9	U	7.8	3.9	3.9
100-51-6	Benzyl alcohol	32	U	390	32	25
111-91-1	Bis(2-chloroethoxy)methane	32	U	120	32	26
111-44-4	Bis(2-chloroethyl)ether	3.9	U	120	3.9	2.3
108-60-1	bis (2-chloroisopropyl) ether	32	U	120	32	11
117-81-7	Bis(2-ethylhexyl) phthalate	32	U	58	32	22
101-55-3	4-Bromophenyl phenyl ether	32	U	58	32	15
85-68-7	Butyl benzyl phthalate	32	U	58	32	12
86-74-8	Carbazole	32	U	58	32	32
106-47-8	4-Chloroaniline	32	U	180	32	20
59-50-7	4-Chloro-3-methylphenol	32	U	180	32	25
91-58-7	2-Chloronaphthalene	3.9	U	58	3.9	3.9
95-57-8	2-Chlorophenol	32	U	58	32	32
7005-72-3	4-Chlorophenyl phenyl ether	32	U	58	32	15
218-01-9	Chrysene	3.9	U	7.8	3.9	1.3
53-70-3	Dibenz(a,h)anthracene	3.9	U	7.8	3.9	3.9
132-64-9	Dibenzofuran	3.9	U	58	3.9	3.9
95-50-1	1,2-Dichlorobenzene	32	U	58	32	11
541-73-1	1,3-Dichlorobenzene	32	U	58	32	13
106-46-7	1,4-Dichlorobenzene	32	U	58	32	23
91-94-1	3,3'-Dichlorobenzidine	94	U	120	94	21
120-83-2	2,4-Dichlorophenol	32	U	180	32	23
84-66-2	Diethyl phthalate	32	U	58	32	19
105-67-9	2,4-Dimethylphenol	94	U	180	94	23
131-11-3	Dimethyl phthalate	32	U	58	32	20
84-74-2	Di-n-butyl phthalate	32	U	58	32	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0085-0001-SO | Lab Sample ID: 240-18703-11

Matrix: Solid | Lab File ID: 21224014.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 12:05

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.35(g) | Date Analyzed: 12/24/2012 15:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	94	U	180	94	94
51-28-5	2,4-Dinitrophenol	94	U	390	94	94
121-14-2	2,4-Dinitrotoluene	32	U	230	32	32
606-20-2	2,6-Dinitrotoluene	32	U	230	32	25
117-84-0	Di-n-octyl phthalate	32	U	58	32	32
206-44-0	Fluoranthene	3.9	U	7.8	3.9	3.9
86-73-7	Fluorene	3.9	U	7.8	3.9	3.9
118-74-1	Hexachlorobenzene	3.9	U	7.8	3.9	2.5
87-68-3	Hexachlorobutadiene	32	U	58	32	32
77-47-4	Hexachlorocyclopentadiene	32	U	390	32	32
67-72-1	Hexachloroethane	32	U	58	32	11
193-39-5	Indeno[1,2,3-cd]pyrene	3.9	U	7.8	3.9	3.9
78-59-1	Isophorone	32	U	58	32	15
91-57-6	2-Methylnaphthalene	3.9	U	7.8	3.9	3.9
95-48-7	2-Methylphenol	94	U	230	94	94
15831-10-4	3 & 4 Methylphenol	94	U	470	94	23
91-20-3	Naphthalene	3.9	U	7.8	3.9	3.9
88-74-4	2-Nitroaniline	32	U	230	32	11
99-09-2	3-Nitroaniline	94	U	230	94	19
100-01-6	4-Nitroaniline	32	U	230	32	30
98-95-3	Nitrobenzene	3.9	U	120	3.9	2.6
88-75-5	2-Nitrophenol	32	U	58	32	32
100-02-7	4-Nitrophenol	94	U	390	94	94
621-64-7	N-Nitrosodi-n-propylamine	32	U	58	32	32
86-30-6	N-Nitrosodiphenylamine	32	U	58	32	25
87-86-5	Pentachlorophenol	94	U	180	94	94
85-01-8	Phenanthrene	3.9	U	7.8	3.9	3.9
108-95-2	Phenol	32	U	58	32	32
129-00-0	Pyrene	3.9	U	7.8	3.9	3.9
120-82-1	1,2,4-Trichlorobenzene	32	U	58	32	32
95-95-4	2,4,5-Trichlorophenol	32	U	180	32	29
88-06-2	2,4,6-Trichlorophenol	94	U	180	94	94

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0085-0001-SO | Lab Sample ID: 240-18703-11

Matrix: Solid | Lab File ID: 21224014.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 12:05

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.35(g) | Date Analyzed: 12/24/2012 15:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	55		45-105
367-12-4	2-Fluorophenol (Surr)	75		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	64		35-100
4165-62-2	Phenol-d5 (Surr)	79		40-100
1718-51-0	Terphenyl-d14 (Surr)	71		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	47		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224014.D
Lims ID: 240-18703-H-11-B Client ID: 072SB-0085-0001-SO
Inject. Date: 24-Dec-2012 15:29:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-014
Misc. Info.: 240-18703-H-11-B =240-18703-H-11-B
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 69988 Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26 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: XAWRK027

First Level Reviewer: ulmanm Date: 25-Dec-2012 12:00:20

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.989	5.988	0.001	92	111258	4.00	
* 2 Naphthalene-d8	136	7.095	7.094	0.001	99	416884	4.00	
* 3 Acenaphthene-d10	164	8.591	8.589	0.002	75	258704	4.00	
* 4 Phenanthrene-d10	188	9.852	9.856	-0.004	97	457348	4.00	
* 5 Chrysene-d12	240	12.443	12.446	-0.003	79	442634	4.00	
* 6 Perylene-d12	264	14.553	14.557	-0.004	94	339756	4.00	
$ 7 2-Fluorophenol	112	4.766	4.748	0.018	94	418845	11.2	
$ 8 Phenol-d5	99	5.626	5.625	0.001	0	651731	11.8	
$ 9 Nitrobenzene-d5	82	6.465	6.469	-0.004	85	407402	6.39	
$ 10 2-Fluorobiphenyl (Surr)	172	8.003	8.002	0.001	99	575063	5.55	
$ 11 2,4,6-Tribromophenol	330	9.253	9.257	-0.004	79	62494	7.05	
$ 12 Terphenyl-d14	244	11.219	11.223	-0.004	97	710459	7.09	
43 Phenol	94		5.635					9
69 Bis(2-chloroethyl)ether	93		5.737					9
46 2-Chlorophenol	128		5.796					
47 1,3-Dichlorobenzene	146		5.940					
48 1,4-Dichlorobenzene	146		6.004					
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					9
21 3 & 4 Methylphenol	108		6.308					
57 N-Nitrosodi-n-propylamine	70		6.324					9
61 Hexachloroethane	117		6.437					
62 Nitrobenzene	77		6.485					9
64 Isophorone	82		6.688					9
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					
71 Benzoic acid	122		6.827					9
70 Bis(2-chloroethoxy)methane	93		6.859					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.960					
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128		7.115					9
76 4-Chloroaniline	127		7.147					
79 Hexachlorobutadiene	225		7.211					
86 4-Chloro-3-methylphenol	107		7.532					
87 2-Methylnaphthalene	142		7.703					
89 Hexachlorocyclopentadiene	237		7.831					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65		8.189					9
105 Dimethyl phthalate	163		8.328					9
107 2,6-Dinitrotoluene	165		8.386					
109 Acenaphthylene	152		8.472					
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153		8.622					
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					9
114 2,4-Dinitrotoluene	165		8.728					
116 Dibenzofuran	168		8.766					
121 Diethyl phthalate	149		8.921					9
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166		9.054					
128 4,6-Dinitro-2-methylphenol	198		9.076					
131 N-Nitrosodiphenylamine	169		9.134					
139 4-Bromophenyl phenyl ether	248		9.455					
141 Hexachlorobenzene	284		9.519					
143 Pentachlorophenol	266		9.679					
148 Phenanthrene	178		9.877					9
149 Anthracene	178		9.920					9
151 Carbazole	167		10.043					9
154 Di-n-butyl phthalate	149		10.299					9
159 Fluoranthene	202		10.892					9
161 Pyrene	202		11.106					9
168 Butyl benzyl phthalate	149		11.709					9
175 3,3'-Dichlorobenzidine	252		12.372					
173 Bis(2-ethylhexyl) phthalate	149	12.394	12.393	0.001	63	15763	0.1936	
177 Benzo[a]anthracene	228		12.430					9
178 Chrysene	228		12.479					9
180 Di-n-octyl phthalate	149		13.323					9
182 Benzo[b]fluoranthene	252		13.964					9
183 Benzo[k]fluoranthene	252		14.006					9
184 Benzo[a]pyrene	252		14.471					9
188 Indeno[1,2,3-cd]pyrene	276		16.250					
189 Dibenz(a,h)anthracene	278		16.282					
190 Benzo[g,h,i]perylene	276		16.726					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

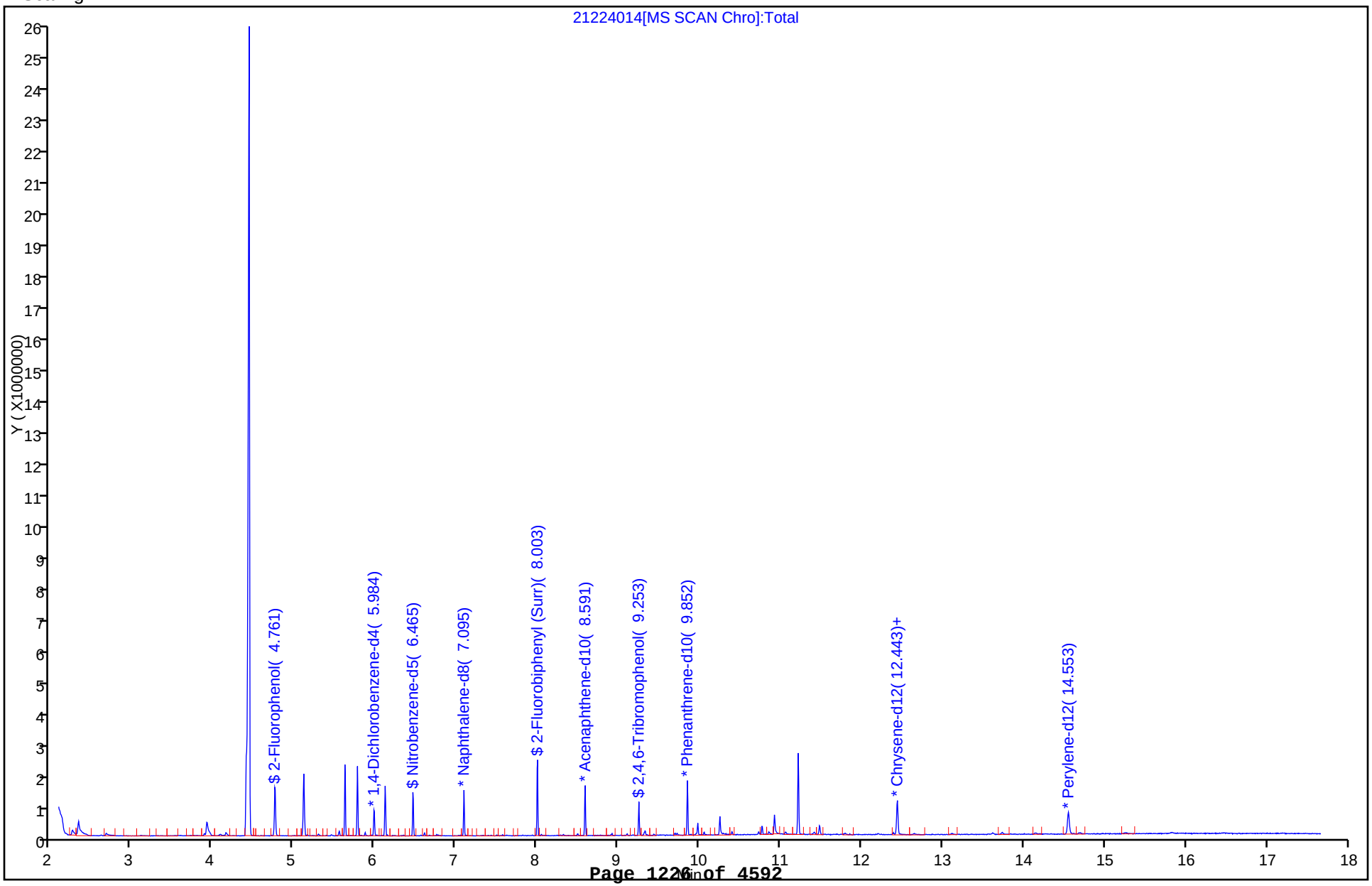
Report Date: 25-Dec-2012 12:56:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224014.D

Injection Date:	24-Dec-2012 15:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0085-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	14
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0086-0001-SO | Lab Sample ID: 240-18703-12

Matrix: Solid | Lab File ID: 21224015.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 12:05

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.67(g) | Date Analyzed: 12/24/2012 15:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.8	U	7.7	3.8	3.8
208-96-8	Acenaphthylene	3.8	U	7.7	3.8	3.8
120-12-7	Anthracene	3.8	U	7.7	3.8	3.8
56-55-3	Benzo[a]anthracene	3.8	U	7.7	3.8	3.8
50-32-8	Benzo[a]pyrene	3.8	U	7.7	3.8	3.8
205-99-2	Benzo[b]fluoranthene	3.8	U	7.7	3.8	3.8
191-24-2	Benzo[g,h,i]perylene	3.8	U	7.7	3.8	3.8
65-85-0	Benzoic acid	380	U	760	380	380
207-08-9	Benzo[k]fluoranthene	3.8	U	7.7	3.8	3.8
100-51-6	Benzyl alcohol	31	U	380	31	24
111-91-1	Bis(2-chloroethoxy)methane	31	U	120	31	25
111-44-4	Bis(2-chloroethyl)ether	3.8	U	120	3.8	2.3
108-60-1	bis (2-chloroisopropyl) ether	31	U	120	31	11
117-81-7	Bis(2-ethylhexyl) phthalate	31	U	58	31	22
101-55-3	4-Bromophenyl phenyl ether	31	U	58	31	15
85-68-7	Butyl benzyl phthalate	31	U	58	31	12
86-74-8	Carbazole	31	U	58	31	31
106-47-8	4-Chloroaniline	31	U	170	31	20
59-50-7	4-Chloro-3-methylphenol	31	U	170	31	24
91-58-7	2-Chloronaphthalene	3.8	U	58	3.8	3.8
95-57-8	2-Chlorophenol	31	U	58	31	31
7005-72-3	4-Chlorophenyl phenyl ether	31	U	58	31	15
218-01-9	Chrysene	3.8	U	7.7	3.8	1.3
53-70-3	Dibenz(a,h)anthracene	3.8	U	7.7	3.8	3.8
132-64-9	Dibenzofuran	3.8	U	58	3.8	3.8
95-50-1	1,2-Dichlorobenzene	31	U	58	31	11
541-73-1	1,3-Dichlorobenzene	31	U	58	31	13
106-46-7	1,4-Dichlorobenzene	31	U	58	31	23
91-94-1	3,3'-Dichlorobenzidine	92	U	120	92	21
120-83-2	2,4-Dichlorophenol	31	U	170	31	23
84-66-2	Diethyl phthalate	31	U	58	31	18
105-67-9	2,4-Dimethylphenol	92	U	170	92	23
131-11-3	Dimethyl phthalate	31	U	58	31	20
84-74-2	Di-n-butyl phthalate	31	U	58	31	17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0086-0001-SO | Lab Sample ID: 240-18703-12

Matrix: Solid | Lab File ID: 21224015.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 12:05

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.67(g) | Date Analyzed: 12/24/2012 15:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	92	U	170	92	92
51-28-5	2,4-Dinitrophenol	92	U	380	92	92
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	58	31	31
206-44-0	Fluoranthene	3.8	U	7.7	3.8	3.8
86-73-7	Fluorene	3.8	U	7.7	3.8	3.8
118-74-1	Hexachlorobenzene	3.8	U	7.7	3.8	2.4
87-68-3	Hexachlorobutadiene	31	U	58	31	31
77-47-4	Hexachlorocyclopentadiene	31	U	380	31	31
67-72-1	Hexachloroethane	31	U	58	31	10
193-39-5	Indeno[1,2,3-cd]pyrene	3.8	U	7.7	3.8	3.8
78-59-1	Isophorone	31	U	58	31	15
91-57-6	2-Methylnaphthalene	3.8	U	7.7	3.8	3.8
95-48-7	2-Methylphenol	92	U	230	92	92
15831-10-4	3 & 4 Methylphenol	92	U	460	92	23
91-20-3	Naphthalene	3.8	U	7.7	3.8	3.8
88-74-4	2-Nitroaniline	31	U	230	31	11
99-09-2	3-Nitroaniline	92	U	230	92	18
100-01-6	4-Nitroaniline	31	U	230	31	30
98-95-3	Nitrobenzene	3.8	U	120	3.8	2.5
88-75-5	2-Nitrophenol	31	U	58	31	31
100-02-7	4-Nitrophenol	92	U	380	92	92
621-64-7	N-Nitrosodi-n-propylamine	31	U	58	31	31
86-30-6	N-Nitrosodiphenylamine	31	U	58	31	24
87-86-5	Pentachlorophenol	92	U	170	92	92
85-01-8	Phenanthrene	3.8	U	7.7	3.8	3.8
108-95-2	Phenol	31	U	58	31	31
129-00-0	Pyrene	3.8	U	7.7	3.8	3.8
120-82-1	1,2,4-Trichlorobenzene	31	U	58	31	31
95-95-4	2,4,5-Trichlorophenol	31	U	170	31	29
88-06-2	2,4,6-Trichlorophenol	92	U	170	92	92

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0086-0001-SO | Lab Sample ID: 240-18703-12

Matrix: Solid | Lab File ID: 21224015.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 12:05

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.67(g) | Date Analyzed: 12/24/2012 15:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	57		45-105
367-12-4	2-Fluorophenol (Surr)	78		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	61		35-100
4165-62-2	Phenol-d5 (Surr)	77		40-100
1718-51-0	Terphenyl-d14 (Surr)	69		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	47		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224015.D
Lims ID: 240-18703-H-12-B Client ID: 072SB-0086-0001-SO
Inject. Date: 24-Dec-2012 15:54:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-015
Misc. Info.: 240-18703-H-12-B =240-18703-H-12-B
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 69988 Lims Sample ID: 15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26 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: XAWRK027

First Level Reviewer: ulmanm Date: 25-Dec-2012 12:01:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.984	5.988	-0.004	96	113061	4.00	
* 2 Naphthalene-d8	136	7.095	7.094	0.001	99	456942	4.00	
* 3 Acenaphthene-d10	164	8.591	8.589	0.002	89	261704	4.00	
* 4 Phenanthrene-d10	188	9.852	9.856	-0.004	97	482605	4.00	
* 5 Chrysene-d12	240	12.437	12.446	-0.009	83	473802	4.00	
* 6 Perylene-d12	264	14.548	14.557	-0.009	92	368351	4.00	
$ 7 2-Fluorophenol	112	4.766	4.748	0.018	93	446282	11.8	
$ 8 Phenol-d5	99	5.626	5.625	0.001	0	646105	11.5	
$ 9 Nitrobenzene-d5	82	6.465	6.469	-0.004	85	427464	6.12	
$ 10 2-Fluorobiphenyl (Surr)	172	8.004	8.002	0.002	99	599390	5.71	
$ 11 2,4,6-Tribromophenol	330	9.254	9.257	-0.003	81	62864	7.01	
$ 12 Terphenyl-d14	244	11.219	11.223	-0.004	99	743565	6.93	
43 Phenol	94		5.635					9
69 Bis(2-chloroethyl)ether	93		5.737					9
46 2-Chlorophenol	128		5.796					
47 1,3-Dichlorobenzene	146		5.940					
48 1,4-Dichlorobenzene	146		6.004					
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					9
21 3 & 4 Methylphenol	108		6.308					
57 N-Nitrosodi-n-propylamine	70		6.324					9
61 Hexachloroethane	117		6.437					
62 Nitrobenzene	77		6.485					9
64 Isophorone	82		6.688					9
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					
71 Benzoic acid	122	6.780	6.827	-0.047	56	2842	0.9608	
70 Bis(2-chloroethoxy)methane	93		6.859					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.960					
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128		7.115					9
76 4-Chloroaniline	127		7.147					
79 Hexachlorobutadiene	225		7.211					
86 4-Chloro-3-methylphenol	107		7.532					
87 2-Methylnaphthalene	142		7.703					
89 Hexachlorocyclopentadiene	237		7.831					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65		8.189					
105 Dimethyl phthalate	163		8.328					
107 2,6-Dinitrotoluene	165		8.386					
109 Acenaphthylene	152		8.472					
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153		8.622					
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					9
114 2,4-Dinitrotoluene	165		8.728					
116 Dibenzofuran	168		8.766					
121 Diethyl phthalate	149		8.921					
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166		9.054					
128 4,6-Dinitro-2-methylphenol	198		9.076					
131 N-Nitrosodiphenylamine	169		9.134					
139 4-Bromophenyl phenyl ether	248		9.455					
141 Hexachlorobenzene	284		9.519					
143 Pentachlorophenol	266		9.679					9
148 Phenanthrene	178		9.877					9
149 Anthracene	178		9.920					9
151 Carbazole	167		10.043					
154 Di-n-butyl phthalate	149		10.299					9
159 Fluoranthene	202		10.892					9
161 Pyrene	202		11.106					9
168 Butyl benzyl phthalate	149		11.709					9
175 3,3'-Dichlorobenzidine	252		12.372					
173 Bis(2-ethylhexyl) phthalate	149	12.389	12.393	-0.004	72	18732	0.2150	
177 Benzo[a]anthracene	228		12.430					9
178 Chrysene	228		12.479					9
180 Di-n-octyl phthalate	149		13.323					9
182 Benzo[b]fluoranthene	252		13.964					9
183 Benzo[k]fluoranthene	252		14.006					9
184 Benzo[a]pyrene	252		14.471					9
188 Indeno[1,2,3-cd]pyrene	276		16.250					
189 Dibenz(a,h)anthracene	278		16.282					
190 Benzo[g,h,i]perylene	276		16.726					9

QC Flag Legend

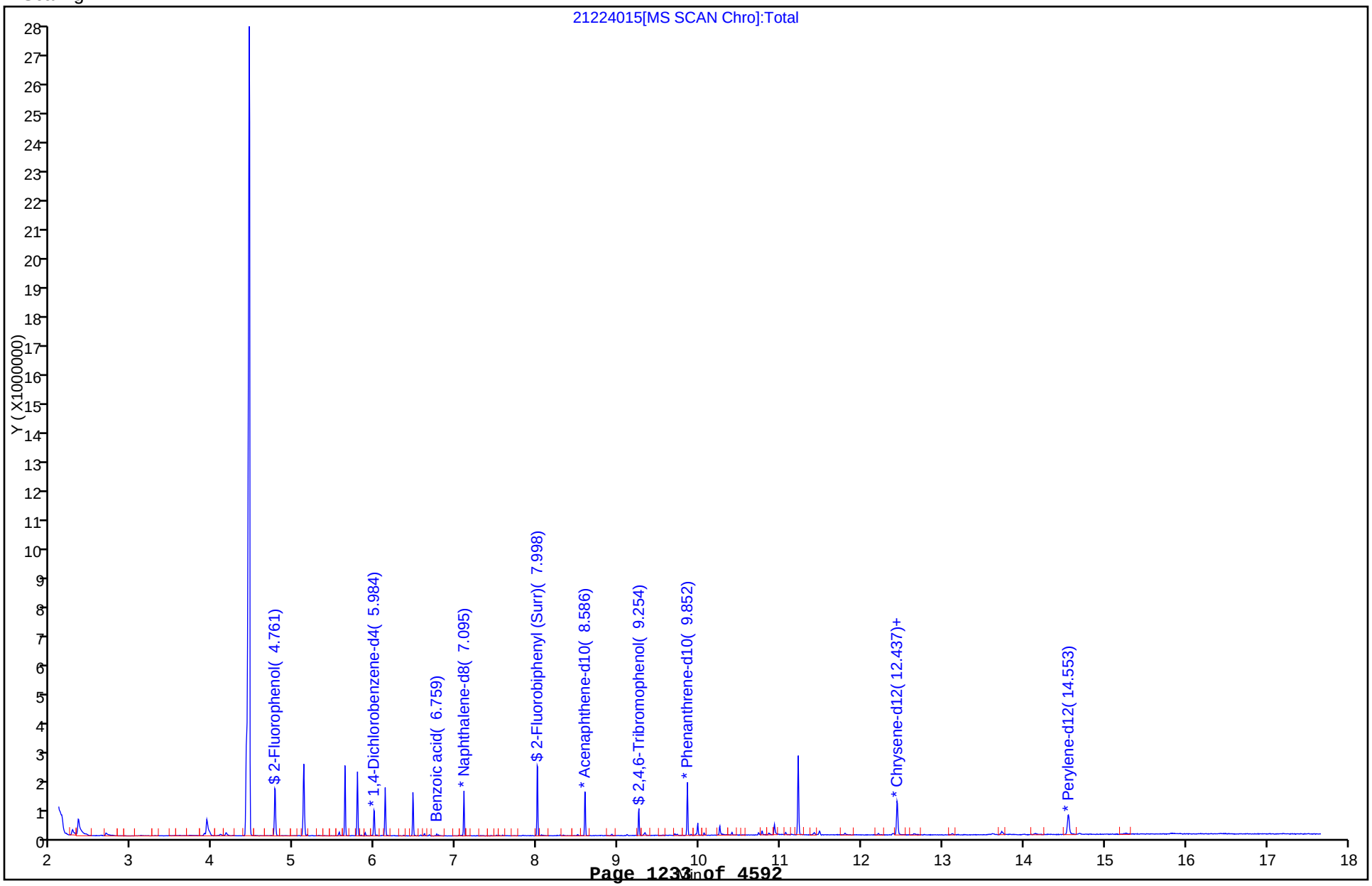
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 25-Dec-2012 12:56:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224015.D		
Injection Date:	24-Dec-2012 15:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0086-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	15
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0087-0001-SO | Lab Sample ID: 240-18703-13

Matrix: Solid | Lab File ID: 21224016.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 09:10

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.52(g) | Date Analyzed: 12/24/2012 16:19

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.6	U	7.2	3.6	3.6
208-96-8	Acenaphthylene	3.6	U	7.2	3.6	3.6
120-12-7	Anthracene	3.6	U	7.2	3.6	3.6
56-55-3	Benzo[a]anthracene	13		7.2	3.6	3.6
50-32-8	Benzo[a]pyrene	3.6	U	7.2	3.6	3.6
205-99-2	Benzo[b]fluoranthene	9.3	M	7.2	3.6	3.6
191-24-2	Benzo[g,h,i]perylene	3.6	U	7.2	3.6	3.6
65-85-0	Benzoic acid	360	U	710	360	360
207-08-9	Benzo[k]fluoranthene	3.6	J	7.2	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	29	U	54	29	20
101-55-3	4-Bromophenyl phenyl ether	29	U	54	29	14
85-68-7	Butyl benzyl phthalate	29	U	54	29	11
86-74-8	Carbazole	29	U	54	29	29
106-47-8	4-Chloroaniline	29	U	160	29	18
59-50-7	4-Chloro-3-methylphenol	29	U	160	29	23
91-58-7	2-Chloronaphthalene	3.6	U	54	3.6	3.6
95-57-8	2-Chlorophenol	29	U	54	29	29
7005-72-3	4-Chlorophenyl phenyl ether	29	U	54	29	14
218-01-9	Chrysene	5.5	J	7.2	3.6	1.2
53-70-3	Dibenz(a,h)anthracene	3.6	U	7.2	3.6	3.6
132-64-9	Dibenzofuran	3.6	U	54	3.6	3.6
95-50-1	1,2-Dichlorobenzene	29	U	54	29	10
541-73-1	1,3-Dichlorobenzene	29	U	54	29	12
106-46-7	1,4-Dichlorobenzene	29	U	54	29	22
91-94-1	3,3'-Dichlorobenzidine	86	U	110	86	19
120-83-2	2,4-Dichlorophenol	29	U	160	29	22
84-66-2	Diethyl phthalate	29	U	54	29	17
105-67-9	2,4-Dimethylphenol	86	U	160	86	22
131-11-3	Dimethyl phthalate	29	U	54	29	18
84-74-2	Di-n-butyl phthalate	29	U	54	29	16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0087-0001-SO | Lab Sample ID: 240-18703-13

Matrix: Solid | Lab File ID: 21224016.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 09:10

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.52(g) | Date Analyzed: 12/24/2012 16:19

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	86	U	160	86	86
51-28-5	2,4-Dinitrophenol	86	U	360	86	86
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	54	29	29
206-44-0	Fluoranthene	12		7.2	3.6	3.6
86-73-7	Fluorene	3.6	U	7.2	3.6	3.6
118-74-1	Hexachlorobenzene	3.6	U	7.2	3.6	2.3
87-68-3	Hexachlorobutadiene	29	U	54	29	29
77-47-4	Hexachlorocyclopentadiene	29	U	360	29	29
67-72-1	Hexachloroethane	29	U	54	29	9.7
193-39-5	Indeno[1,2,3-cd]pyrene	3.6	U	7.2	3.6	3.6
78-59-1	Isophorone	29	U	54	29	14
91-57-6	2-Methylnaphthalene	3.9	J	7.2	3.6	3.6
95-48-7	2-Methylphenol	86	U	220	86	86
15831-10-4	3 & 4 Methylphenol	86	U	430	86	22
91-20-3	Naphthalene	3.6	U	7.2	3.6	3.6
88-74-4	2-Nitroaniline	29	U	220	29	9.8
99-09-2	3-Nitroaniline	86	U	220	86	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	54	29	29
100-02-7	4-Nitrophenol	86	U	360	86	86
621-64-7	N-Nitrosodi-n-propylamine	29	U	54	29	29
86-30-6	N-Nitrosodiphenylamine	29	U	54	29	23
87-86-5	Pentachlorophenol	86	U	160	86	86
85-01-8	Phenanthrene	3.6	J	7.2	3.6	3.6
108-95-2	Phenol	29	U	54	29	29
129-00-0	Pyrene	7.6		7.2	3.6	3.6
120-82-1	1,2,4-Trichlorobenzene	29	U	54	29	29
95-95-4	2,4,5-Trichlorophenol	29	U	160	29	27
88-06-2	2,4,6-Trichlorophenol	86	U	160	86	86

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0087-0001-SO | Lab Sample ID: 240-18703-13

Matrix: Solid | Lab File ID: 21224016.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 09:10

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.52(g) | Date Analyzed: 12/24/2012 16:19

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	54		45-105
367-12-4	2-Fluorophenol (Surr)	77		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	61		35-100
4165-62-2	Phenol-d5 (Surr)	74		40-100
1718-51-0	Terphenyl-d14 (Surr)	64		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	53		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224016.D
Lims ID: 240-18703-H-13-B Client ID: 072SB-0087-0001-SO
Inject. Date: 24-Dec-2012 16:19:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-016
Misc. Info.: 240-18703-H-13-B =240-18703-H-13-B
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 69988 Lims Sample ID: 16
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26 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: XAWRK027

First Level Reviewer: ulmanm Date: 25-Dec-2012 12:03:30

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.987	5.988	-0.001	94	118798	4.00	
* 2 Naphthalene-d8	136	7.093	7.094	-0.001	98	467076	4.00	
* 3 Acenaphthene-d10	164	8.589	8.589	0.0	91	279335	4.00	
* 4 Phenanthrene-d10	188	9.850	9.856	-0.006	96	491832	4.00	
* 5 Chrysene-d12	240	12.441	12.446	-0.005	80	484278	4.00	
* 6 Perylene-d12	264	14.551	14.557	-0.006	83	363539	4.00	
$ 7 2-Fluorophenol	112	4.764	4.748	0.016	94	462966	11.6	
$ 8 Phenol-d5	99	5.630	5.625	0.005	0	652076	11.1	
$ 9 Nitrobenzene-d5	82	6.468	6.469	-0.001	84	433887	6.08	
$ 10 2-Fluorobiphenyl (Surr)	172	8.001	8.002	-0.001	98	605225	5.41	
$ 11 2,4,6-Tribromophenol	330	9.252	9.257	-0.005	80	76876	7.96	
$ 12 Terphenyl-d14	244	11.217	11.223	-0.006	95	698306	6.37	
43 Phenol	94		5.635					9
69 Bis(2-chloroethyl)ether	93		5.737					9
46 2-Chlorophenol	128		5.796					
47 1,3-Dichlorobenzene	146		5.940					
48 1,4-Dichlorobenzene	146		6.004					
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					9
21 3 & 4 Methylphenol	108		6.308					
57 N-Nitrosodi-n-propylamine	70		6.324					9
61 Hexachloroethane	117		6.437					
62 Nitrobenzene	77		6.485					
64 Isophorone	82		6.688					9
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					
71 Benzoic acid	122	6.783	6.827	-0.044	55	2446	0.9433	
70 Bis(2-chloroethoxy)methane	93		6.859					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.960					
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128		7.115					
76 4-Chloroaniline	127		7.147					9
79 Hexachlorobutadiene	225		7.211					
86 4-Chloro-3-methylphenol	107		7.532					9
87 2-Methylnaphthalene	142	7.697	7.703	-0.006	26	4415	0.0544	
89 Hexachlorocyclopentadiene	237		7.831					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65		8.189					9
105 Dimethyl phthalate	163		8.328					9
107 2,6-Dinitrotoluene	165		8.386					9
109 Acenaphthylene	152		8.472					9
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153		8.622					9
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					
114 2,4-Dinitrotoluene	165		8.728					
116 Dibenzofuran	168		8.766					9
121 Diethyl phthalate	149		8.921					9
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166		9.054					9
128 4,6-Dinitro-2-methylphenol	198		9.076					
131 N-Nitrosodiphenylamine	169		9.134					
139 4-Bromophenyl phenyl ether	248		9.455					
141 Hexachlorobenzene	284		9.519					
143 Pentachlorophenol	266		9.679					
148 Phenanthrene	178	9.871	9.877	-0.006	11	6805	0.0498	
149 Anthracene	178		9.920					
151 Carbazole	167		10.043					
154 Di-n-butyl phthalate	149		10.299					
159 Fluoranthene	202	10.886	10.892	-0.006	67	24373	0.1617	
161 Pyrene	202	11.105	11.106	-0.001	78	16566	0.1051	
168 Butyl benzyl phthalate	149		11.709					
175 3,3'-Dichlorobenzidine	252		12.372					9
173 Bis(2-ethylhexyl) phthalate	149		12.393					
177 Benzo[a]anthracene	228	12.425	12.430	-0.005	12	14301	0.1833	
178 Chrysene	228	12.473	12.479	-0.006	44	10395	0.0766	
180 Di-n-octyl phthalate	149		13.323					
182 Benzo[b]fluoranthene	252	13.953	13.964	-0.011	56	15607	0.1287	M
183 Benzo[k]fluoranthene	252	14.001	14.006	-0.005	1	6180	0.0502	
184 Benzo[a]pyrene	252		14.471					
188 Indeno[1,2,3-cd]pyrene	276		16.250					9
189 Dibenz(a,h)anthracene	278		16.282					9
190 Benzo[g,h,i]perylene	276		16.726					9

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

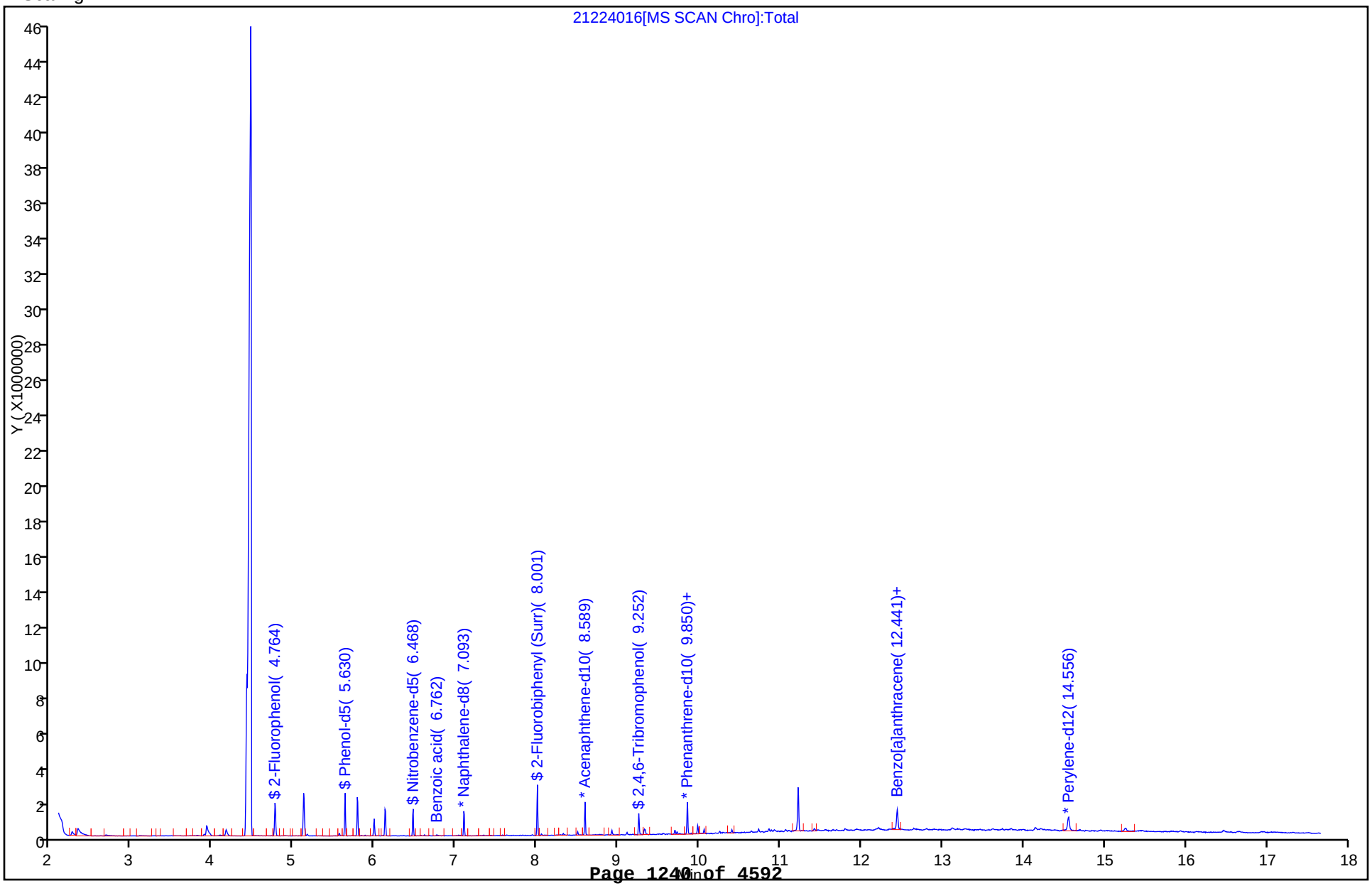
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224016.D

Injection Date:	24-Dec-2012 16:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0087-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	16
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

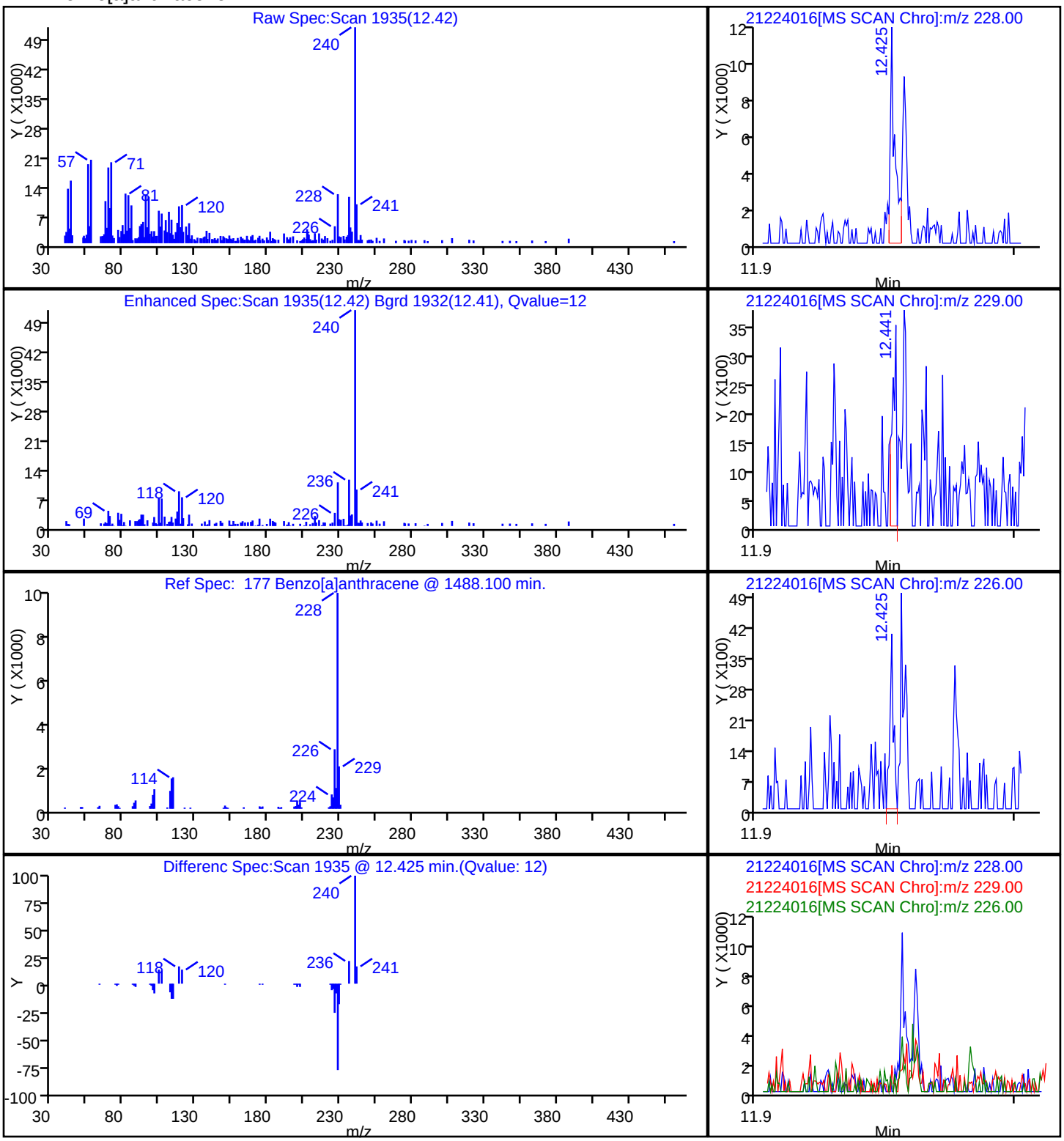


Report Date: 25-Dec-2012 12:56:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224016.D		
Injection Date:	24-Dec-2012 16:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0087-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	16
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



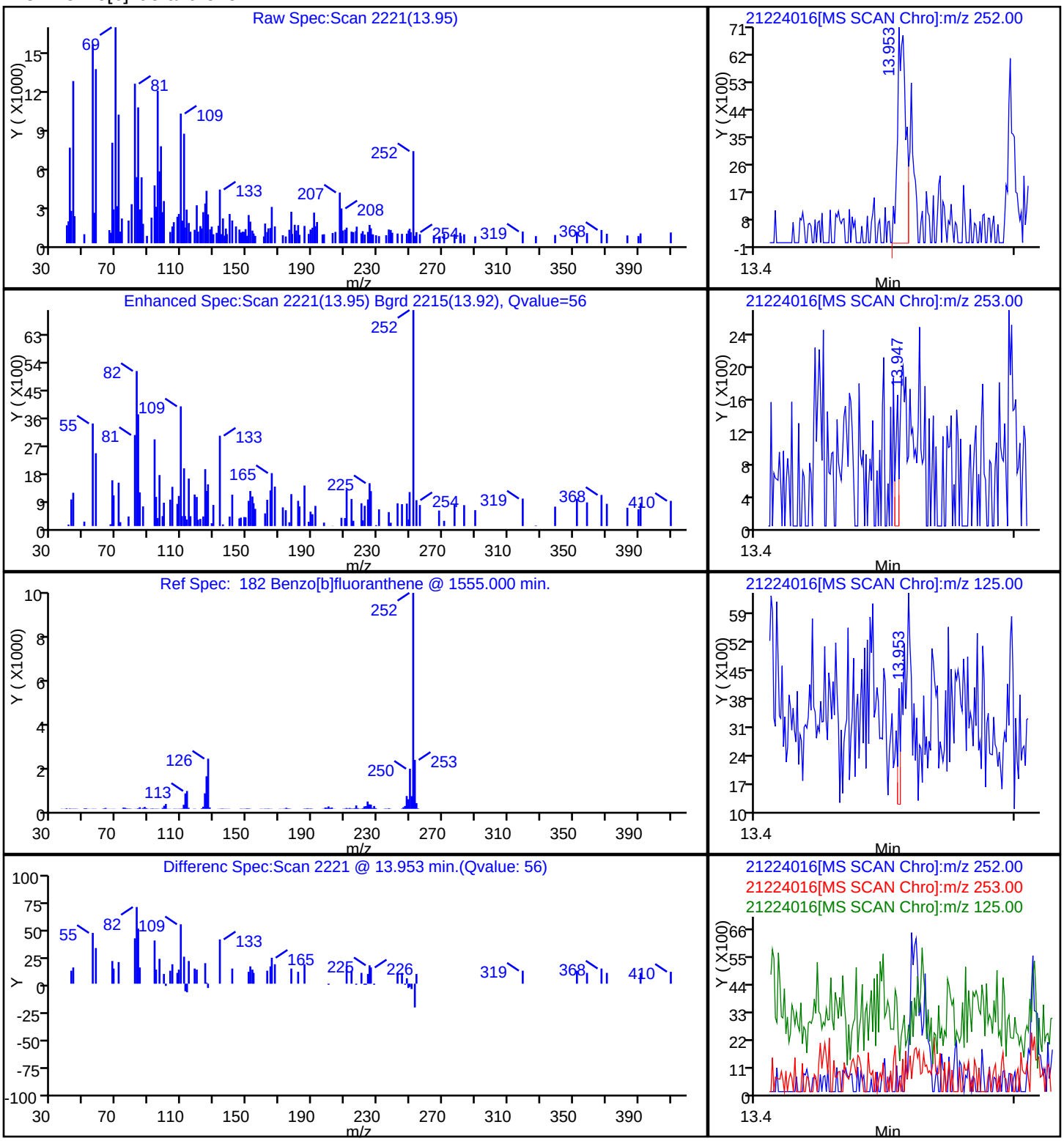
Report Date: 25-Dec-2012 12:56:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224016.D

Injection Date:	24-Dec-2012 16:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0087-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	16
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



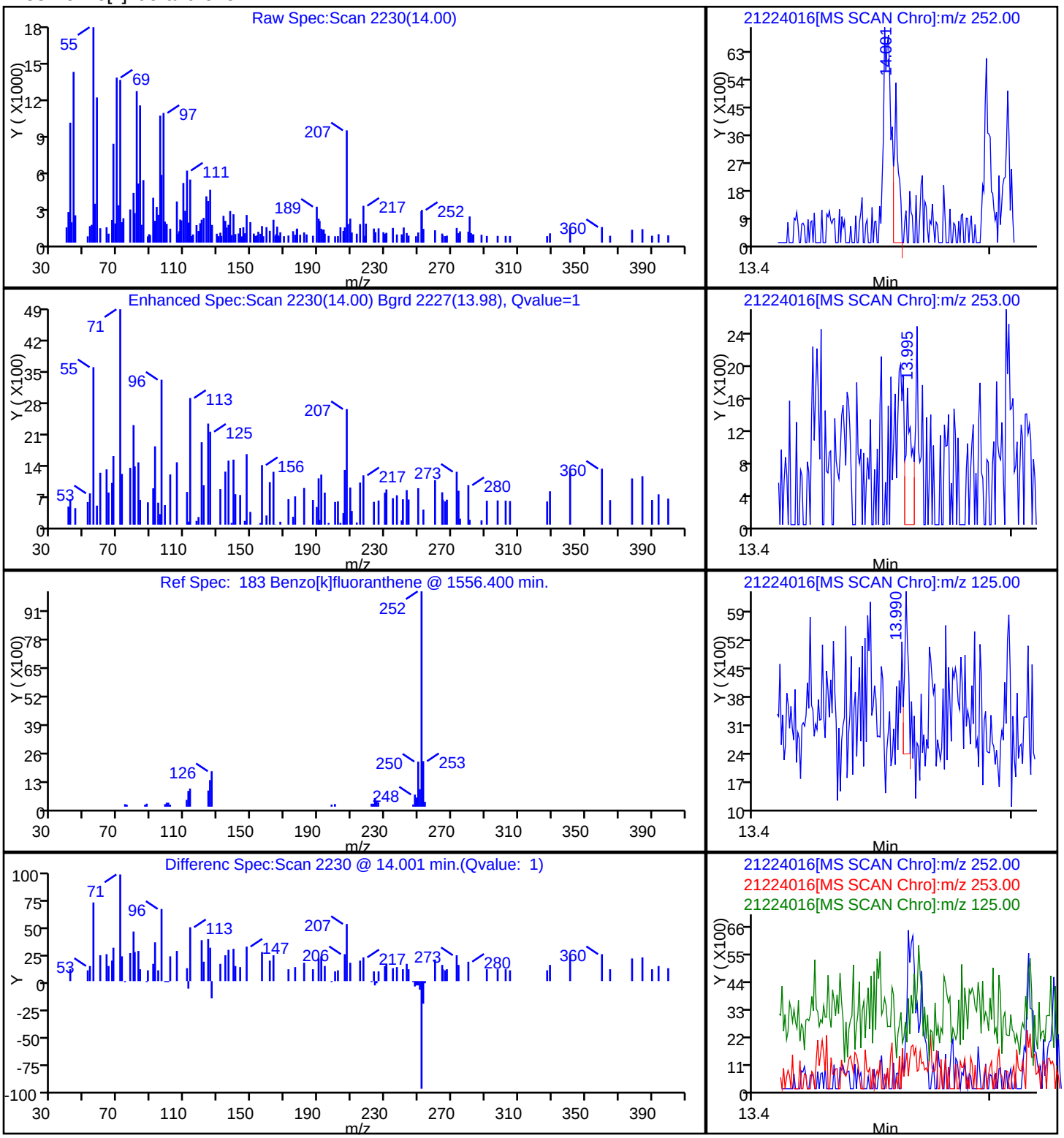
Report Date: 25-Dec-2012 12:56:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224016.D

Injection Date:	24-Dec-2012 16:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0087-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	16
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



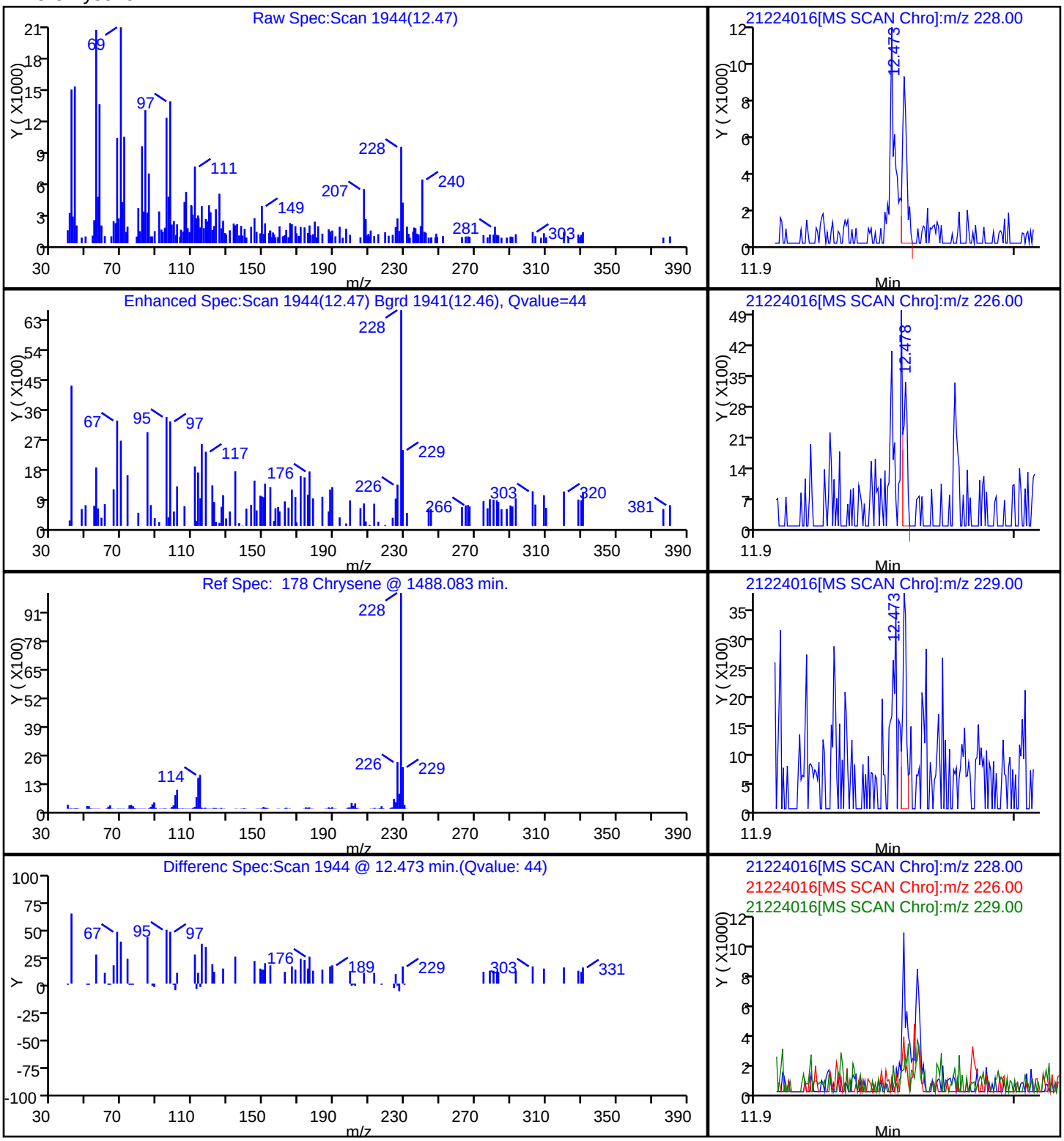
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224016.D

Injection Date:	24-Dec-2012 16:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0087-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	16
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene



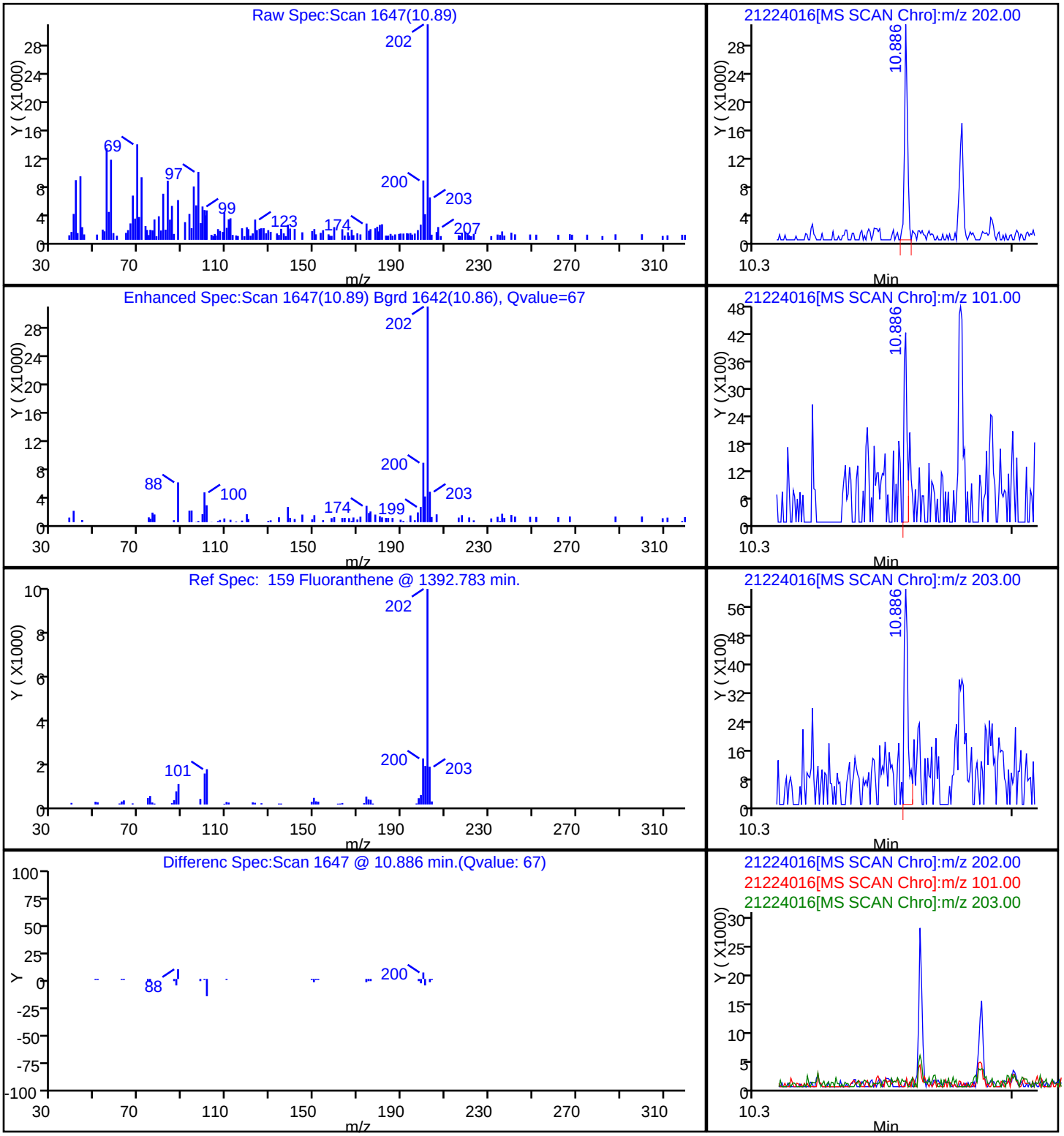
Report Date: 25-Dec-2012 12:56:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224016.D

Injection Date:	24-Dec-2012 16:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0087-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	16
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



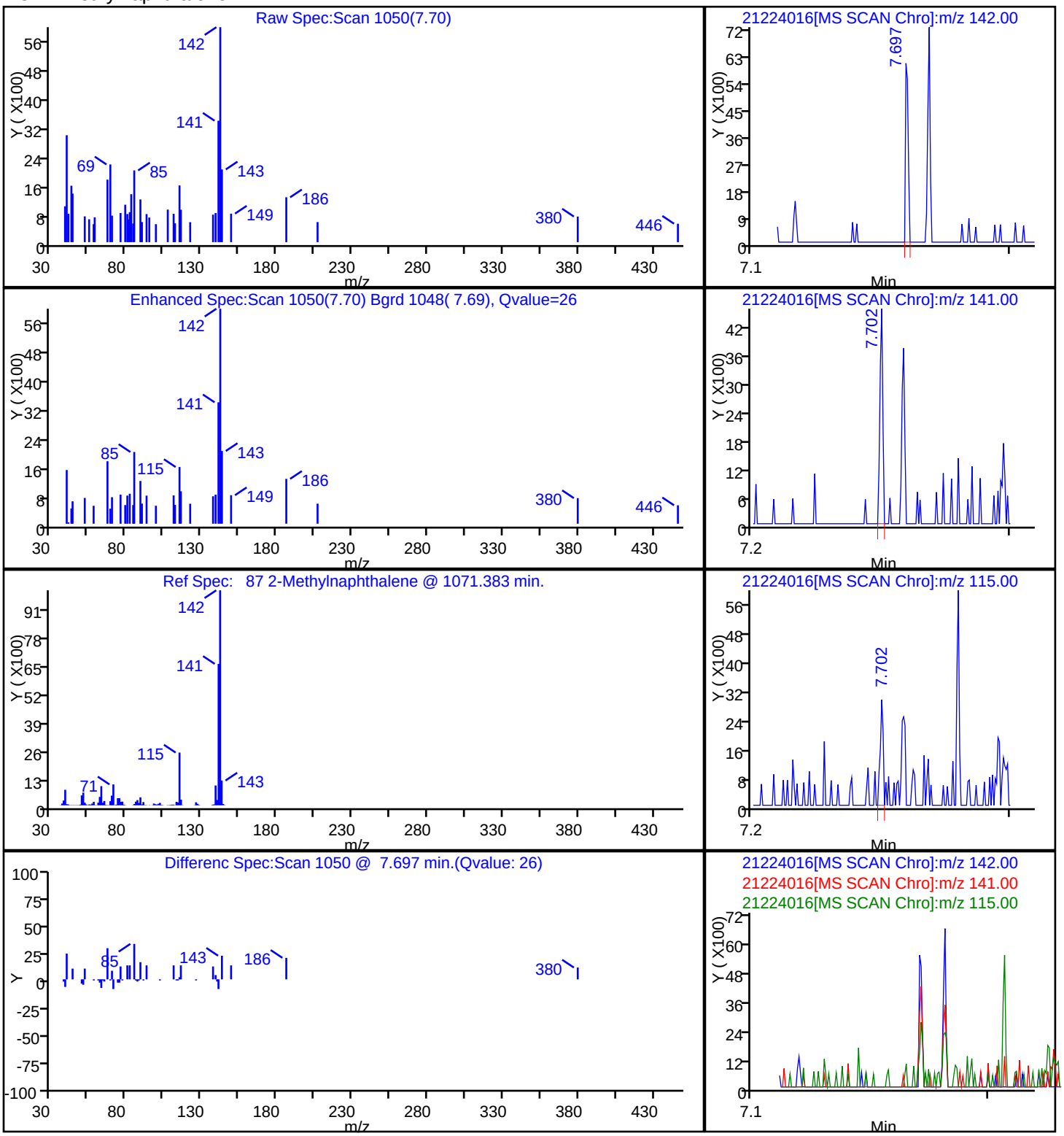
Report Date: 25-Dec-2012 12:56:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224016.D

Injection Date:	24-Dec-2012 16:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0087-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	16
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene

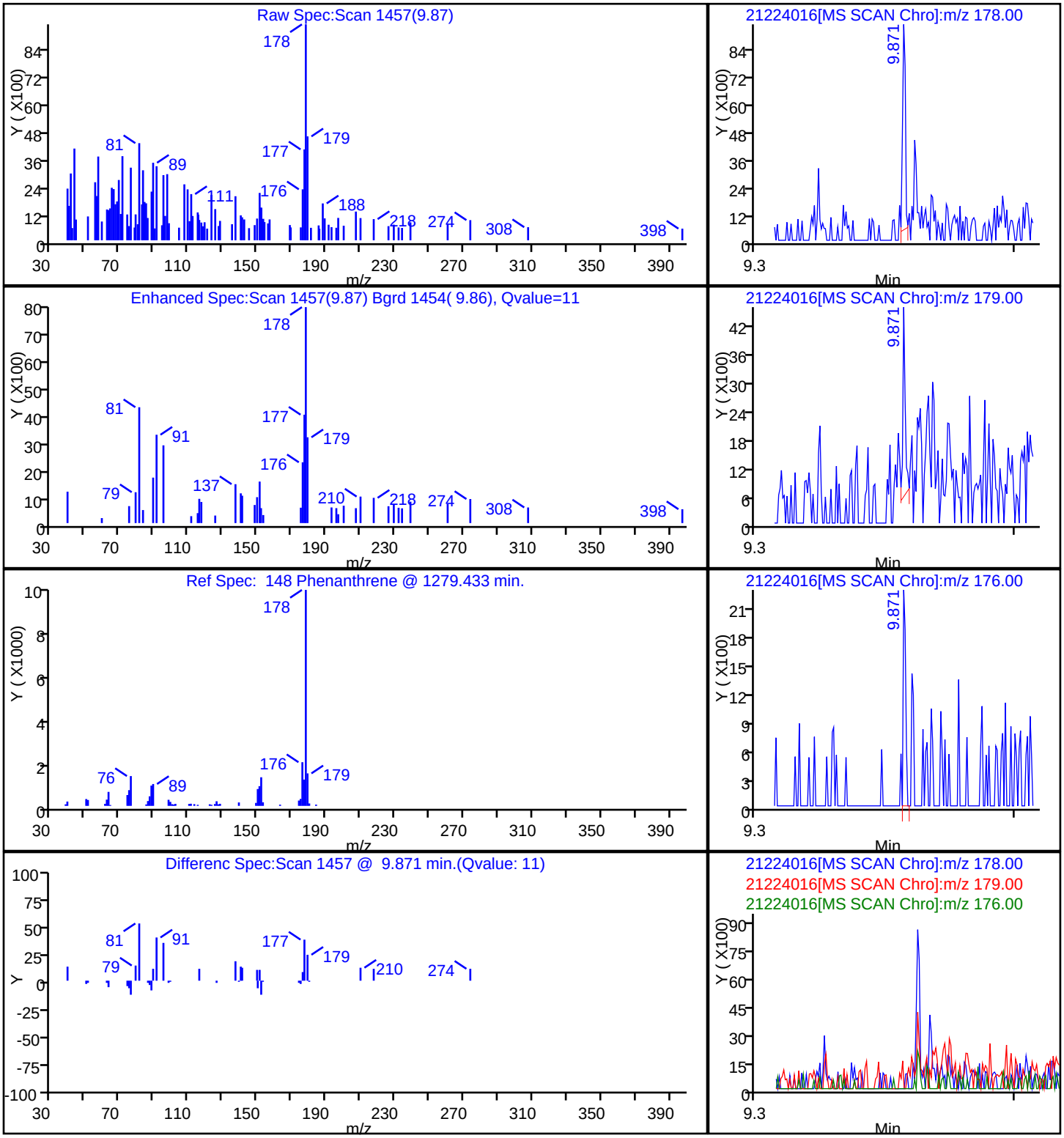


Report Date: 25-Dec-2012 12:56:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224016.D		
Injection Date:	24-Dec-2012 16:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0087-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	16
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



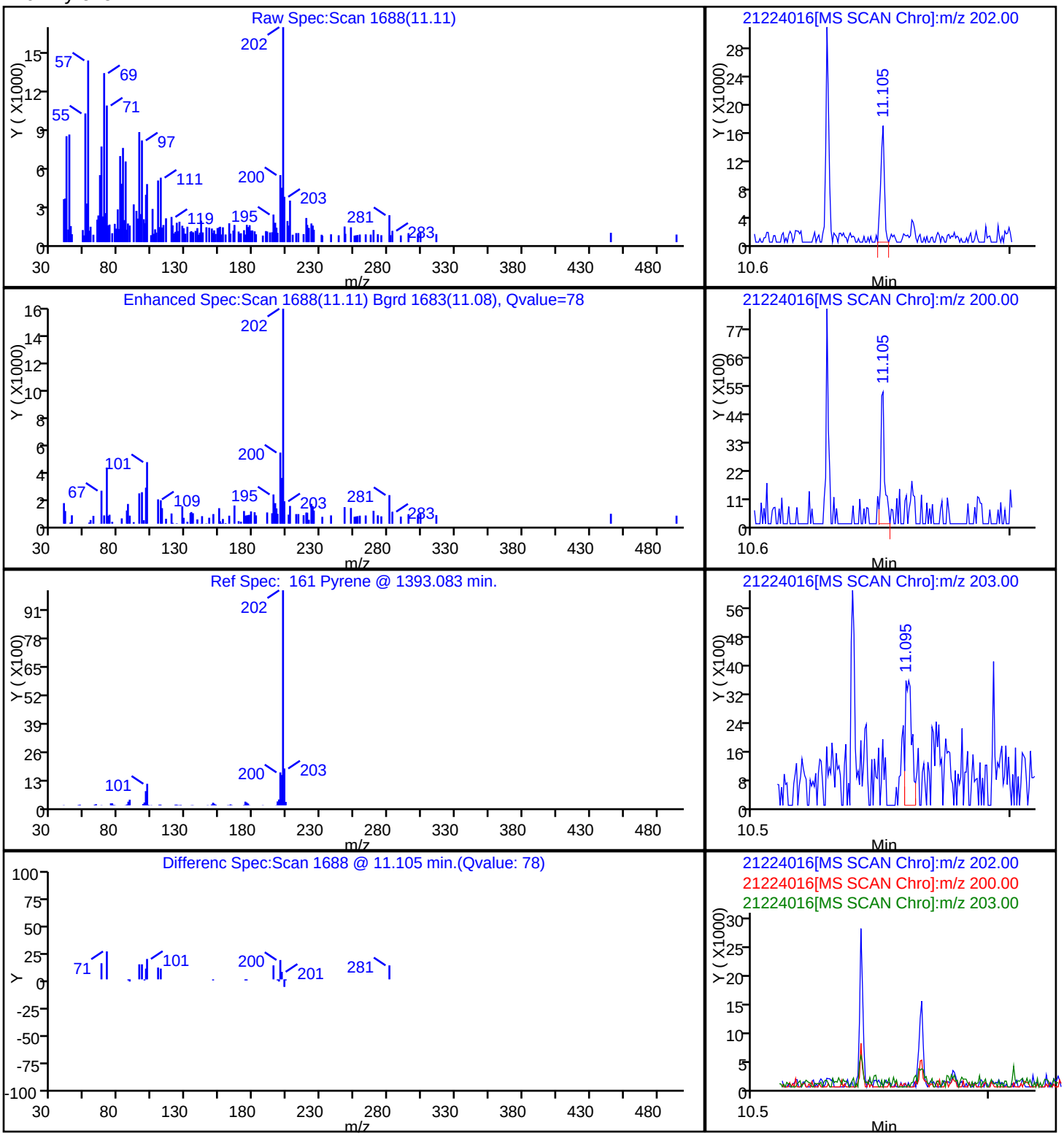
Report Date: 25-Dec-2012 12:56:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224016.D

Injection Date:	24-Dec-2012 16:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0087-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	16
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



Manual Integration/User Assign Peak Report

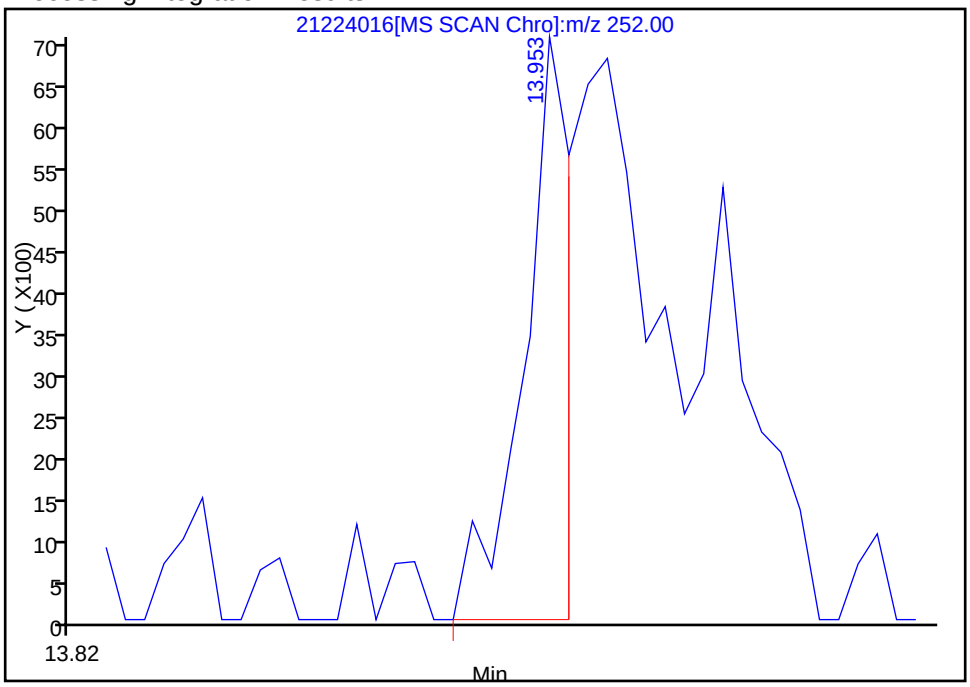
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224016.D		
Injection Date:	24-Dec-2012 16:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0087-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	16
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.96

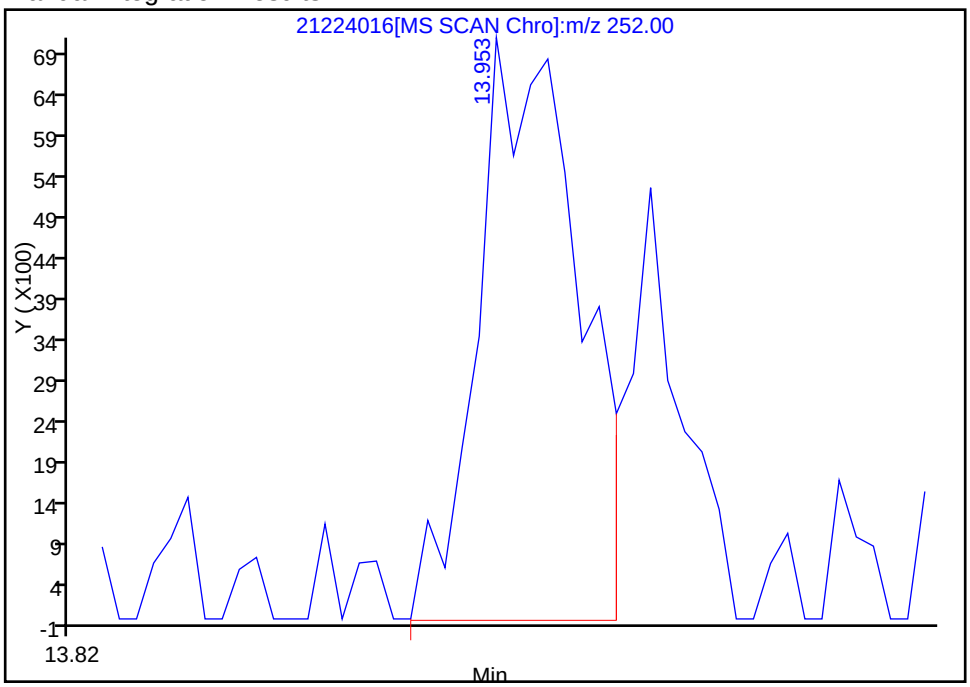
Processing Integration Results

RT: 13.95
Response: 6429
Amount: 0.053029



Manual Integration Results

RT: 13.95
Response: 15607
Amount: 0.128733



Reviewer: ulmanm, 25-Dec-2012 12:03:30
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0088-0001-SO | Lab Sample ID: 240-18703-14

Matrix: Solid | Lab File ID: 21224017.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 09:30

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.31(g) | Date Analyzed: 12/24/2012 16:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | 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	29	U	54	29	21
101-55-3	4-Bromophenyl phenyl ether	29	U	54	29	14
85-68-7	Butyl benzyl phthalate	29	U	54	29	11
86-74-8	Carbazole	29	U	54	29	29
106-47-8	4-Chloroaniline	29	U	160	29	18
59-50-7	4-Chloro-3-methylphenol	29	U	160	29	23
91-58-7	2-Chloronaphthalene	3.6	U	54	3.6	3.6
95-57-8	2-Chlorophenol	29	U	54	29	29
7005-72-3	4-Chlorophenyl phenyl ether	29	U	54	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	54	3.6	3.6
95-50-1	1,2-Dichlorobenzene	29	U	54	29	11
541-73-1	1,3-Dichlorobenzene	29	U	54	29	12
106-46-7	1,4-Dichlorobenzene	29	U	54	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	54	29	17
105-67-9	2,4-Dimethylphenol	87	U	160	87	22
131-11-3	Dimethyl phthalate	29	U	54	29	18
84-74-2	Di-n-butyl phthalate	29	U	54	29	16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0088-0001-SO | Lab Sample ID: 240-18703-14

Matrix: Solid | Lab File ID: 21224017.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 09:30

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.31(g) | Date Analyzed: 12/24/2012 16:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | 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	54	29	29
206-44-0	Fluoranthene	12		7.3	3.6	3.6
86-73-7	Fluorene	5.6	J	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	54	29	29
77-47-4	Hexachlorocyclopentadiene	29	U	360	29	29
67-72-1	Hexachloroethane	29	U	54	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	54	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	430	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	54	29	29
100-02-7	4-Nitrophenol	87	U	360	87	87
621-64-7	N-Nitrosodi-n-propylamine	29	U	54	29	29
86-30-6	N-Nitrosodiphenylamine	29	U	54	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	54	29	29
129-00-0	Pyrene	10		7.3	3.6	3.6
120-82-1	1,2,4-Trichlorobenzene	29	U	54	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0088-0001-SO | Lab Sample ID: 240-18703-14

Matrix: Solid | Lab File ID: 21224017.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 09:30

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.31(g) | Date Analyzed: 12/24/2012 16:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	51		45-105
367-12-4	2-Fluorophenol (Surr)	76		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	56		35-100
4165-62-2	Phenol-d5 (Surr)	74		40-100
1718-51-0	Terphenyl-d14 (Surr)	62		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	62		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224017.D
Lims ID: 240-18703-H-14-A Client ID: 072SB-0088-0001-SO
Inject. Date: 24-Dec-2012 16:44:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-017
Misc. Info.: 240-18703-H-14-A =240-18703-H-14-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 69988 Lims Sample ID: 17
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26 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: XAWRK027

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.987	5.988	-0.001	87	113739	4.00	
* 2 Naphthalene-d8	136	7.093	7.094	-0.001	99	478071	4.00	
* 3 Acenaphthene-d10	164	8.589	8.589	0.0	78	279317	4.00	
* 4 Phenanthrene-d10	188	9.849	9.856	-0.007	90	490523	4.00	
* 5 Chrysene-d12	240	12.440	12.446	-0.006	78	487236	4.00	
* 6 Perylene-d12	264	14.556	14.557	-0.001	90	368705	4.00	
$ 7 2-Fluorophenol	112	4.764	4.748	0.016	94	437198	11.5	
$ 8 Phenol-d5	99	5.629	5.625	0.004	0	627497	11.1	
$ 9 Nitrobenzene-d5	82	6.468	6.469	-0.001	85	410002	5.61	
$ 10 2-Fluorobiphenyl (Surr)	172	8.001	8.002	-0.001	99	568977	5.08	
$ 11 2,4,6-Tribromophenol	330	9.257	9.257	0.0	87	91470	9.35	
$ 12 Terphenyl-d14	244	11.217	11.223	-0.006	97	684297	6.20	
43 Phenol	94		5.635					9
69 Bis(2-chloroethyl)ether	93		5.737					9
46 2-Chlorophenol	128		5.796					
47 1,3-Dichlorobenzene	146		5.940					9
48 1,4-Dichlorobenzene	146		6.004					9
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					9
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					9
21 3 & 4 Methylphenol	108		6.308					
57 N-Nitrosodi-n-propylamine	70		6.324					9
61 Hexachloroethane	117		6.437					9
62 Nitrobenzene	77		6.485					9
64 Isophorone	82		6.688					9
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					
71 Benzoic acid	122		6.827					9
70 Bis(2-chloroethoxy)methane	93		6.859					9
73 2,4-Dichlorophenol	162		6.960					
74 1,2,4-Trichlorobenzene	180		7.040					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
75 Naphthalene	128		7.115					9
76 4-Chloroaniline	127		7.147					9
79 Hexachlorobutadiene	225		7.211					
86 4-Chloro-3-methylphenol	107		7.532					9
87 2-Methylnaphthalene	142		7.703					9
89 Hexachlorocyclopentadiene	237		7.831					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
100 2-Chloronaphthalene	162		8.119					9
102 2-Nitroaniline	65		8.189					
105 Dimethyl phthalate	163		8.328					9
107 2,6-Dinitrotoluene	165		8.386					
109 Acenaphthylene	152		8.472					
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153		8.622					9
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					
114 2,4-Dinitrotoluene	165		8.728					
116 Dibenzofuran	168		8.766					
121 Diethyl phthalate	149		8.921					9
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166	9.054	9.054	0.0	58	6875	0.0767	
128 4,6-Dinitro-2-methylphenol	198		9.076					
131 N-Nitrosodiphenylamine	169		9.134					
139 4-Bromophenyl phenyl ether	248		9.455					
141 Hexachlorobenzene	284		9.519					
143 Pentachlorophenol	266		9.679					
148 Phenanthrene	178		9.877					
149 Anthracene	178		9.920					9
151 Carbazole	167		10.043					
154 Di-n-butyl phthalate	149	10.293	10.299	-0.006	54	7449	0.0489	
159 Fluoranthene	202	10.891	10.892	-0.001	70	25604	0.1703	
161 Pyrene	202	11.105	11.106	-0.001	88	22404	0.1413	
168 Butyl benzyl phthalate	149		11.709					
175 3,3'-Dichlorobenzidine	252		12.372					9
173 Bis(2-ethylhexyl) phthalate	149		12.393					
177 Benzo[a]anthracene	228		12.430					
178 Chrysene	228		12.479					9
180 Di-n-octyl phthalate	149		13.323					
182 Benzo[b]fluoranthene	252		13.964					9
183 Benzo[k]fluoranthene	252		14.006					
184 Benzo[a]pyrene	252		14.471					
188 Indeno[1,2,3-cd]pyrene	276		16.250					
189 Dibenz(a,h)anthracene	278		16.282					9
190 Benzo[g,h,i]perylene	276		16.726					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

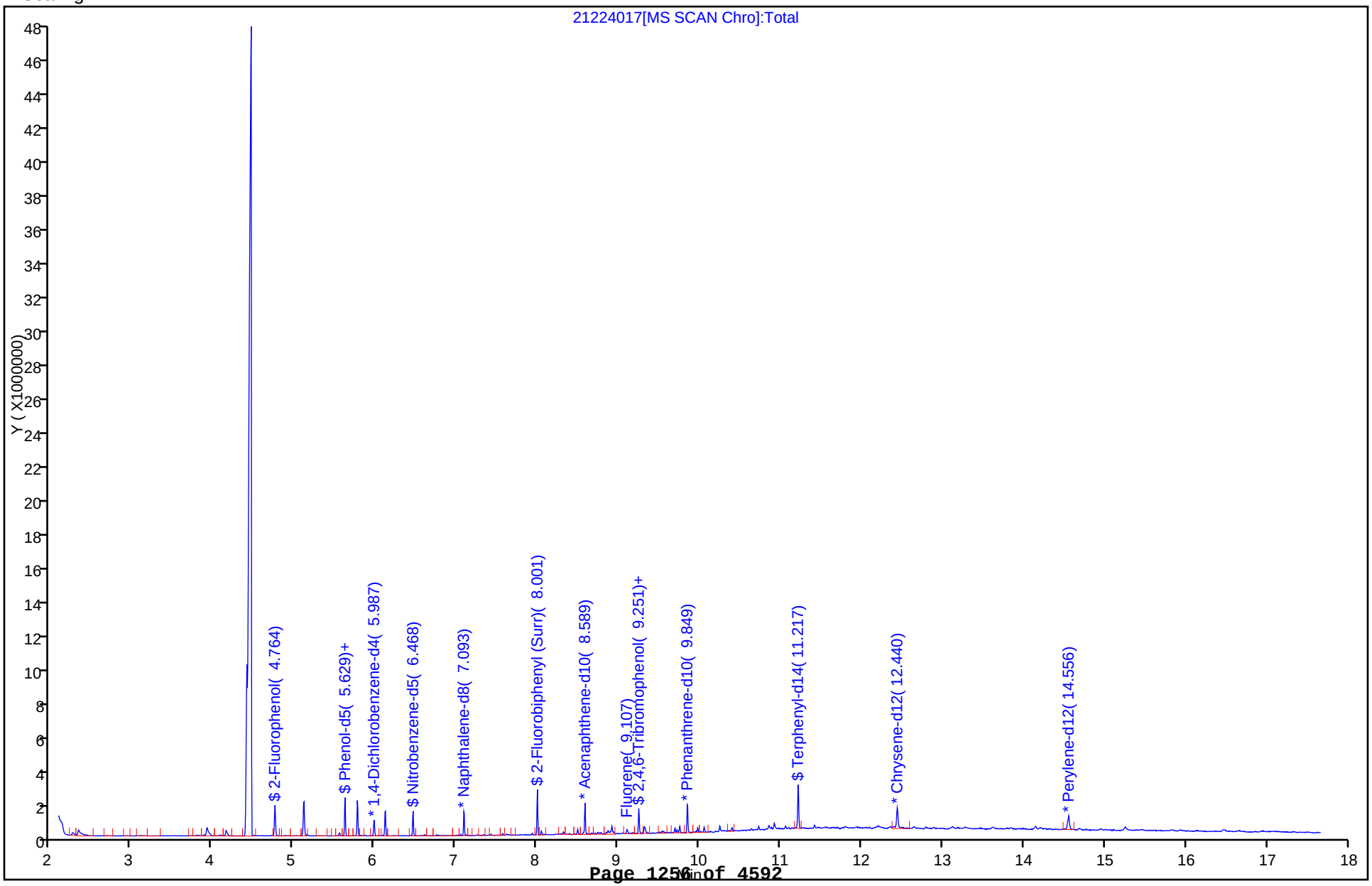
Report Date: 25-Dec-2012 12:56:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224017.D

Injection Date:	24-Dec-2012 16:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0088-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	17
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

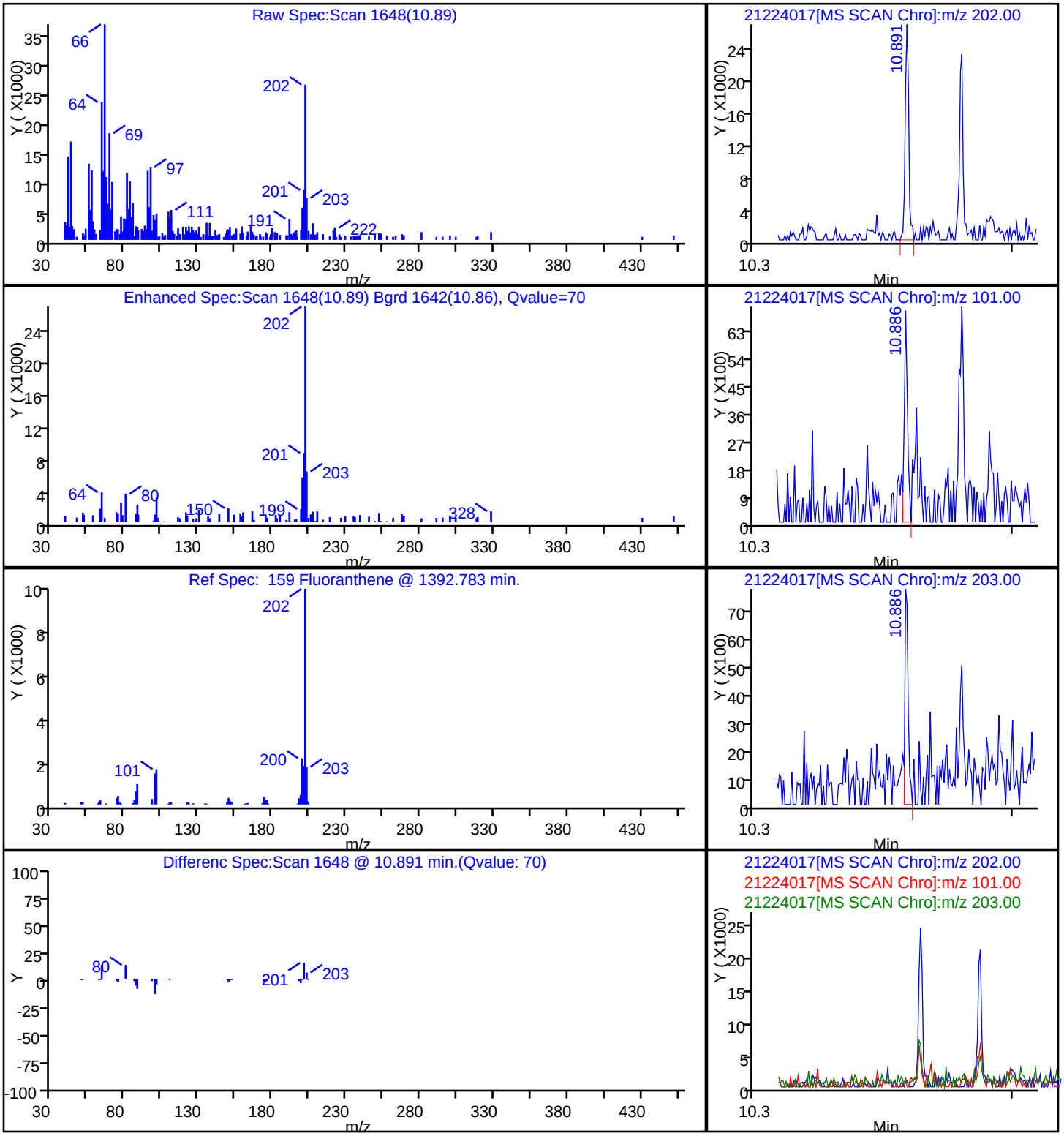


Report Date: 25-Dec-2012 12:56:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224017.D		
Injection Date:	24-Dec-2012 16:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0088-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	17
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



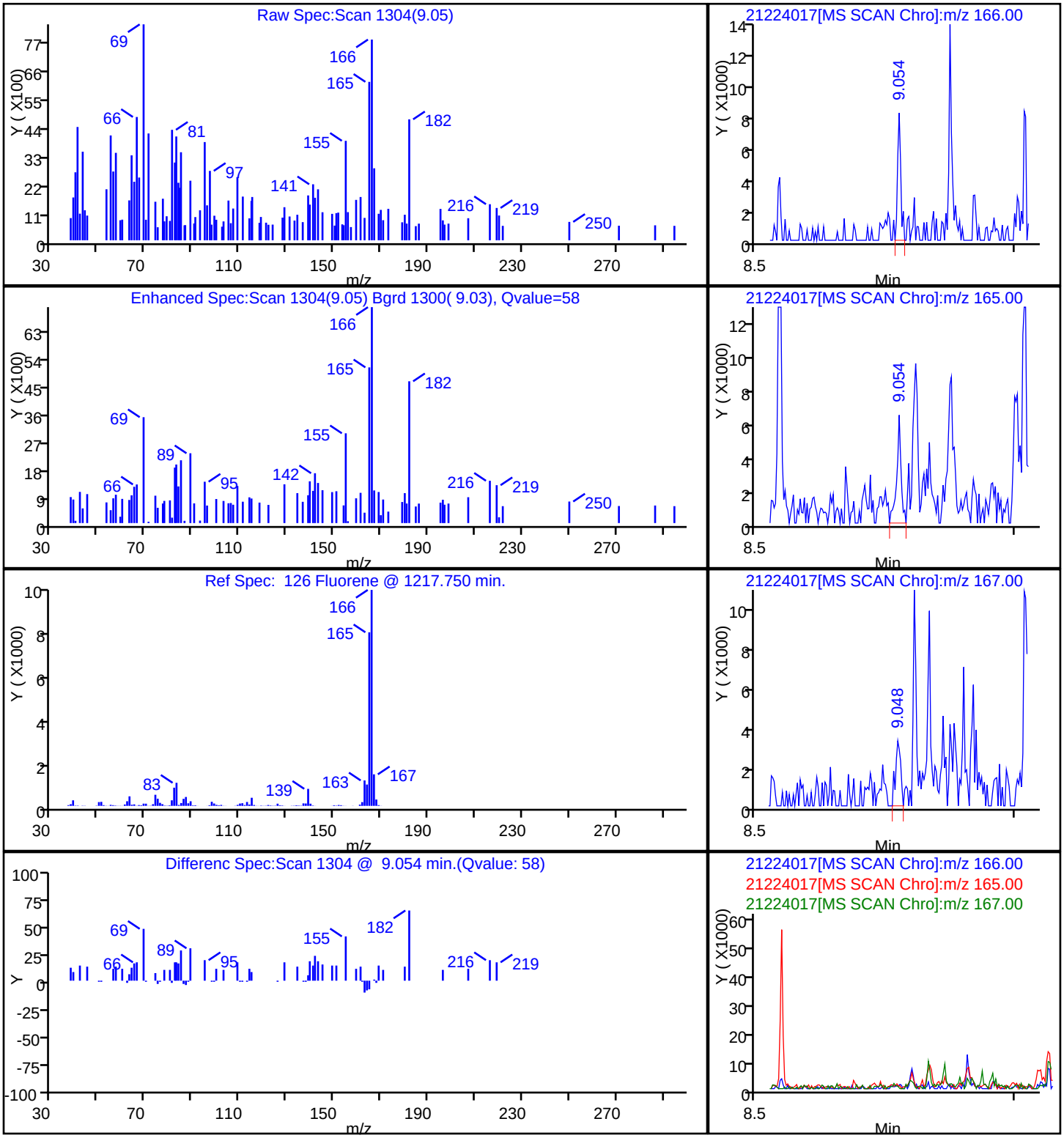
Report Date: 25-Dec-2012 12:56:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224017.D

Injection Date:	24-Dec-2012 16:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0088-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	17
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

126 Fluorene



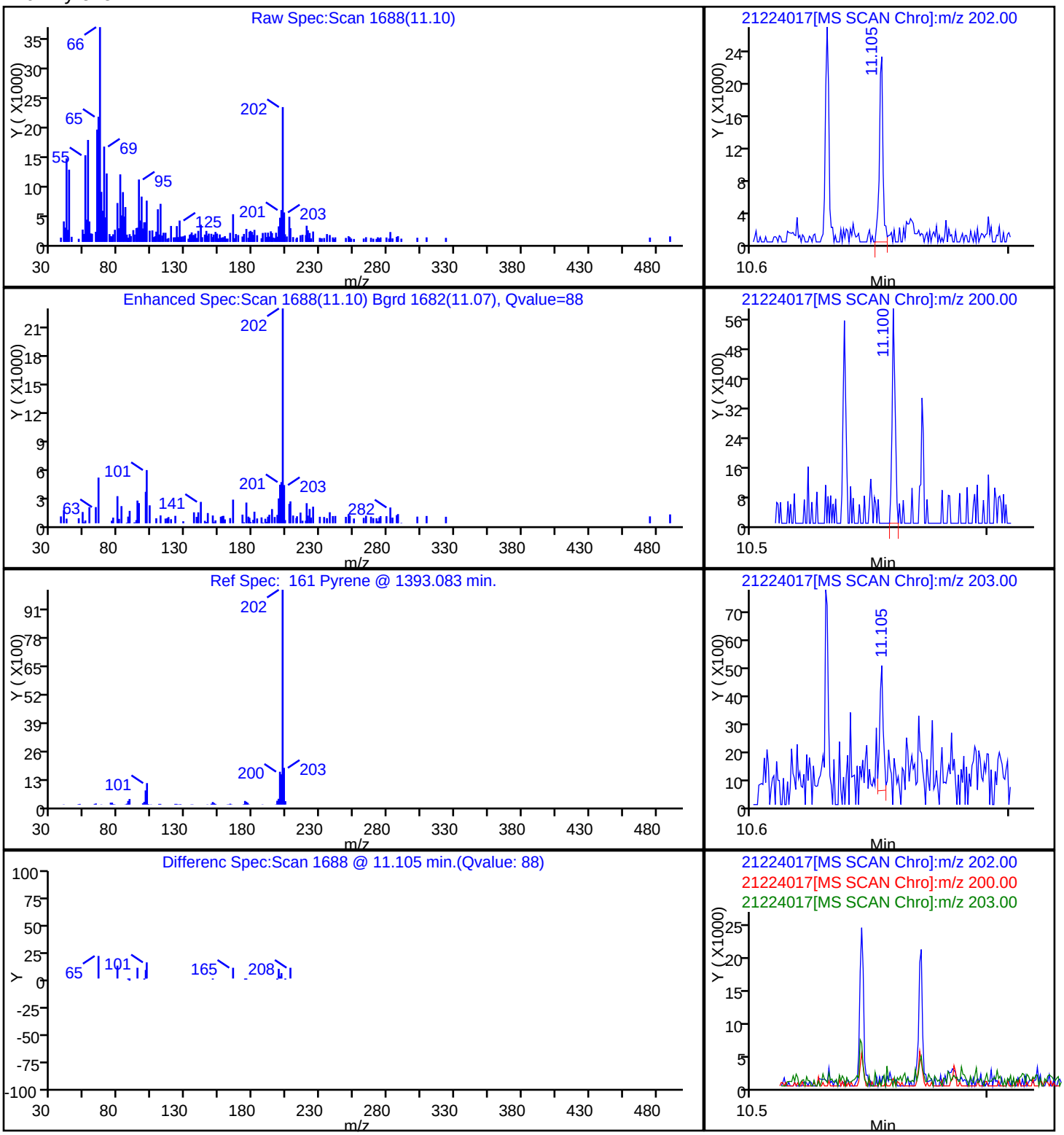
Report Date: 25-Dec-2012 12:56:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224017.D

Injection Date:	24-Dec-2012 16:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0088-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	17
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0089-0001-SO | Lab Sample ID: 240-18703-15

Matrix: Solid | Lab File ID: 21224018.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 09:40

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.77(g) | Date Analyzed: 12/24/2012 17:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.7	U	7.5	3.7	3.7
208-96-8	Acenaphthylene	3.7	U	7.5	3.7	3.7
120-12-7	Anthracene	3.7	U	7.5	3.7	3.7
56-55-3	Benzo[a]anthracene	3.7	U	7.5	3.7	3.7
50-32-8	Benzo[a]pyrene	3.7	U	7.5	3.7	3.7
205-99-2	Benzo[b]fluoranthene	3.7	U	7.5	3.7	3.7
191-24-2	Benzo[g,h,i]perylene	3.7	U	7.5	3.7	3.7
65-85-0	Benzoic acid	370	U	740	370	370
207-08-9	Benzo[k]fluoranthene	3.7	U	7.5	3.7	3.7
100-51-6	Benzyl alcohol	30	U	370	30	24
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	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	24
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	7.5	3.7	1.2
53-70-3	Dibenz(a,h)anthracene	3.7	U	7.5	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	90	U	110	90	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	90	U	170	90	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0089-0001-SO | Lab Sample ID: 240-18703-15

Matrix: Solid | Lab File ID: 21224018.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 09:40

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.77(g) | Date Analyzed: 12/24/2012 17:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	90	U	170	90	90
51-28-5	2,4-Dinitrophenol	90	U	370	90	90
121-14-2	2,4-Dinitrotoluene	30	U	220	30	30
606-20-2	2,6-Dinitrotoluene	30	U	220	30	24
117-84-0	Di-n-octyl phthalate	30	U	56	30	30
206-44-0	Fluoranthene	5.5	J	7.5	3.7	3.7
86-73-7	Fluorene	3.7	U	7.5	3.7	3.7
118-74-1	Hexachlorobenzene	3.7	U	7.5	3.7	2.4
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	7.5	3.7	3.7
78-59-1	Isophorone	30	U	56	30	15
91-57-6	2-Methylnaphthalene	3.7	U	7.5	3.7	3.7
95-48-7	2-Methylphenol	90	U	220	90	90
15831-10-4	3 & 4 Methylphenol	90	U	450	90	22
91-20-3	Naphthalene	3.7	U	7.5	3.7	3.7
88-74-4	2-Nitroaniline	30	U	220	30	10
99-09-2	3-Nitroaniline	90	U	220	90	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	90	U	370	90	90
621-64-7	N-Nitrosodi-n-propylamine	30	U	56	30	30
86-30-6	N-Nitrosodiphenylamine	30	U	56	30	24
87-86-5	Pentachlorophenol	90	U	170	90	90
85-01-8	Phenanthrene	4.1	J	7.5	3.7	3.7
108-95-2	Phenol	30	U	56	30	30
129-00-0	Pyrene	3.9	J	7.5	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	90	U	170	90	90

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0089-0001-SO | Lab Sample ID: 240-18703-15

Matrix: Solid | Lab File ID: 21224018.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 09:40

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.77(g) | Date Analyzed: 12/24/2012 17:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	51		45-105
367-12-4	2-Fluorophenol (Surr)	70		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	56		35-100
4165-62-2	Phenol-d5 (Surr)	69		40-100
1718-51-0	Terphenyl-d14 (Surr)	63		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	52		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224018.D
Lims ID: 240-18703-H-15-A
Client ID: 072SB-0089-0001-SO
Inject. Date: 24-Dec-2012 17:09:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-018
Misc. Info.: 240-18703-H-15-A =240-18703-H-15-A
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 18
Lims Batch ID: 69988
Lims Sample ID: 18
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26
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: XAWRK027

First Level Reviewer: ulmanm
Date: 25-Dec-2012 12:04:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.988	5.988	0.0	95	118538	4.00	
* 2 Naphthalene-d8	136	7.094	7.094	0.0	99	481787	4.00	
* 3 Acenaphthene-d10	164	8.590	8.589	0.001	87	280030	4.00	
* 4 Phenanthrene-d10	188	9.850	9.856	-0.006	94	494073	4.00	
* 5 Chrysene-d12	240	12.441	12.446	-0.005	79	493004	4.00	
* 6 Perylene-d12	264	14.551	14.557	-0.006	91	381006	4.00	
$ 7 2-Fluorophenol	112	4.765	4.748	0.017	93	416825	10.5	
$ 8 Phenol-d5	99	5.630	5.625	0.005	0	606367	10.3	
$ 9 Nitrobenzene-d5	82	6.469	6.469	0.0	85	413275	5.61	
$ 10 2-Fluorobiphenyl (Surr)	172	8.002	8.002	0.0	99	576387	5.14	
$ 11 2,4,6-Tribromophenol	330	9.252	9.257	-0.005	79	74659	7.73	
$ 12 Terphenyl-d14	244	11.218	11.223	-0.005	97	706776	6.33	
43 Phenol	94		5.635					9
69 Bis(2-chloroethyl)ether	93		5.737					9
46 2-Chlorophenol	128		5.796					
47 1,3-Dichlorobenzene	146		5.940					
48 1,4-Dichlorobenzene	146		6.004					
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					9
21 3 & 4 Methylphenol	108		6.308					
57 N-Nitrosodi-n-propylamine	70		6.324					9
61 Hexachloroethane	117		6.437					
62 Nitrobenzene	77		6.485					9
64 Isophorone	82		6.688					
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					
71 Benzoic acid	122	6.784	6.827	-0.043	62	4628	1.02	
70 Bis(2-chloroethoxy)methane	93		6.859					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.960					
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128		7.115					
76 4-Chloroaniline	127		7.147					9
79 Hexachlorobutadiene	225		7.211					
86 4-Chloro-3-methylphenol	107		7.532					
87 2-Methylnaphthalene	142		7.703					
89 Hexachlorocyclopentadiene	237		7.831					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
100 2-Chloronaphthalene	162		8.119					9
102 2-Nitroaniline	65		8.189					9
105 Dimethyl phthalate	163		8.328					9
107 2,6-Dinitrotoluene	165		8.386					
109 Acenaphthylene	152		8.472					
110 3-Nitroaniline	138		8.536					9
112 Acenaphthene	153		8.622					9
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					
114 2,4-Dinitrotoluene	165		8.728					9
116 Dibenzofuran	168		8.766					9
121 Diethyl phthalate	149		8.921					9
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166		9.054					9
128 4,6-Dinitro-2-methylphenol	198		9.076					
131 N-Nitrosodiphenylamine	169		9.134					9
139 4-Bromophenyl phenyl ether	248		9.455					
141 Hexachlorobenzene	284		9.519					
143 Pentachlorophenol	266		9.679					
148 Phenanthrene	178	9.872	9.877	-0.005	1	7631	0.0556	
149 Anthracene	178		9.920					
151 Carbazole	167		10.043					9
154 Di-n-butyl phthalate	149		10.299					
159 Fluoranthene	202	10.887	10.892	-0.005	59	11169	0.0738	
161 Pyrene	202	11.100	11.106	-0.006	59	8383	0.0523	
168 Butyl benzyl phthalate	149		11.709					
175 3,3'-Dichlorobenzidine	252		12.372					
173 Bis(2-ethylhexyl) phthalate	149	12.393	12.393	0.0	75	25268	0.2787	
177 Benzo[a]anthracene	228		12.430					9
178 Chrysene	228		12.479					
180 Di-n-octyl phthalate	149		13.323					
182 Benzo[b]fluoranthene	252		13.964					9
183 Benzo[k]fluoranthene	252		14.006					9
184 Benzo[a]pyrene	252		14.471					
188 Indeno[1,2,3-cd]pyrene	276		16.250					
189 Dibenz(a,h)anthracene	278		16.282					
190 Benzo[g,h,i]perylene	276		16.726					9

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

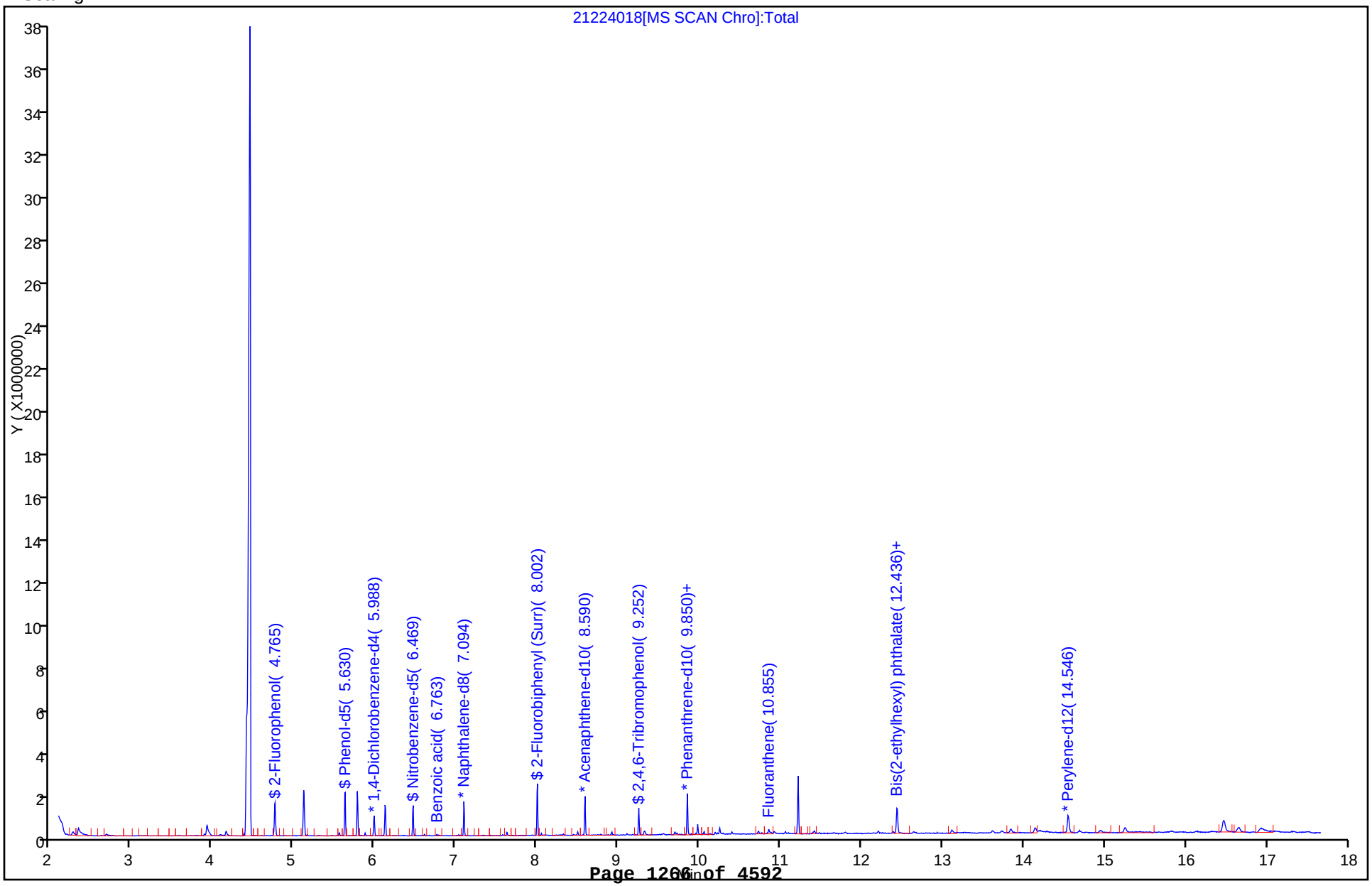
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224018.D

Injection Date:	24-Dec-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0089-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	18
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

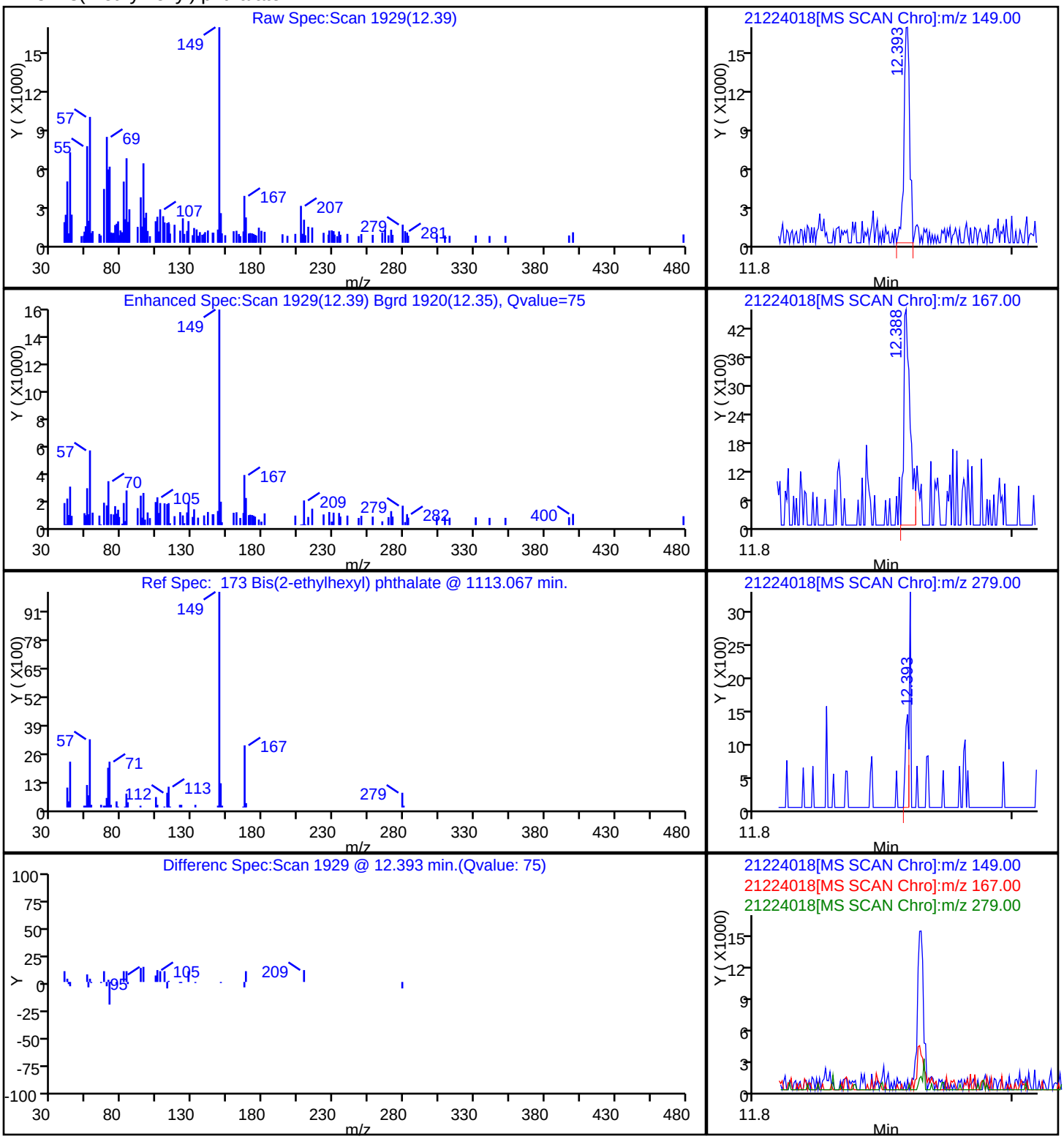


Report Date: 25-Dec-2012 12:56:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224018.D		
Injection Date:	24-Dec-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0089-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	18
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

173 Bis(2-ethylhexyl) phthalate



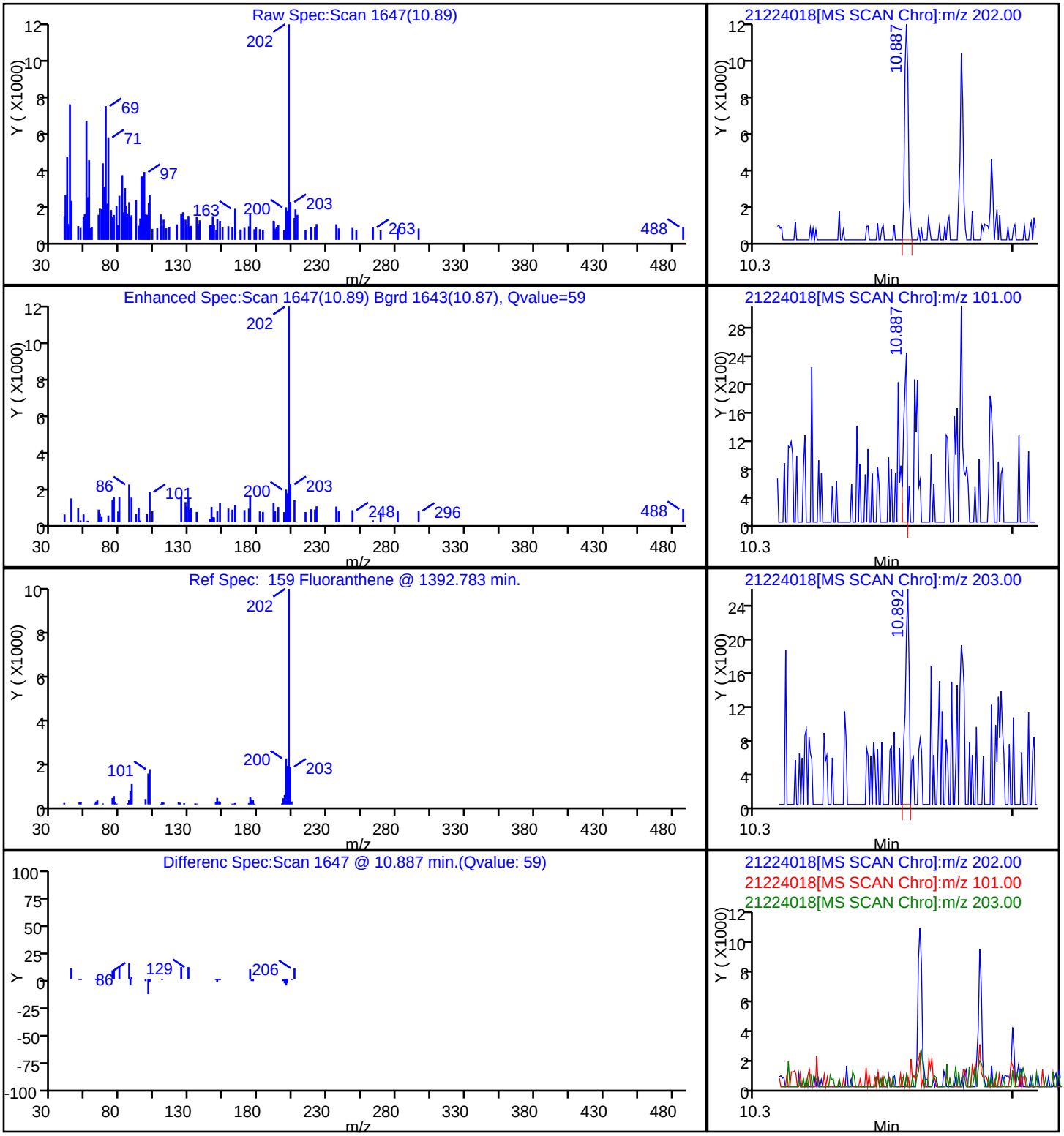
Report Date: 25-Dec-2012 12:56:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224018.D

Injection Date:	24-Dec-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0089-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	18
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



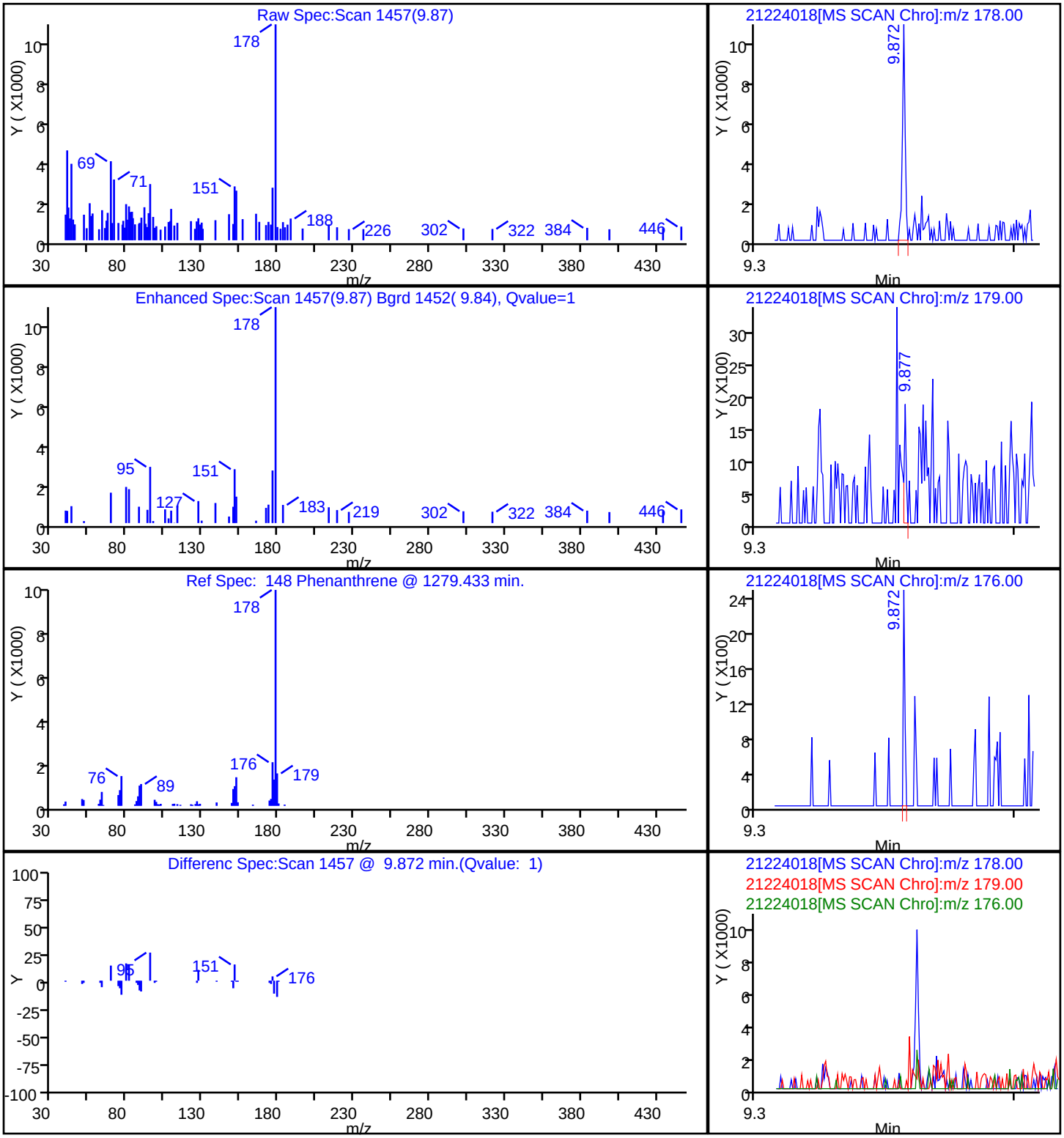
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224018.D

Injection Date:	24-Dec-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0089-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	18
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



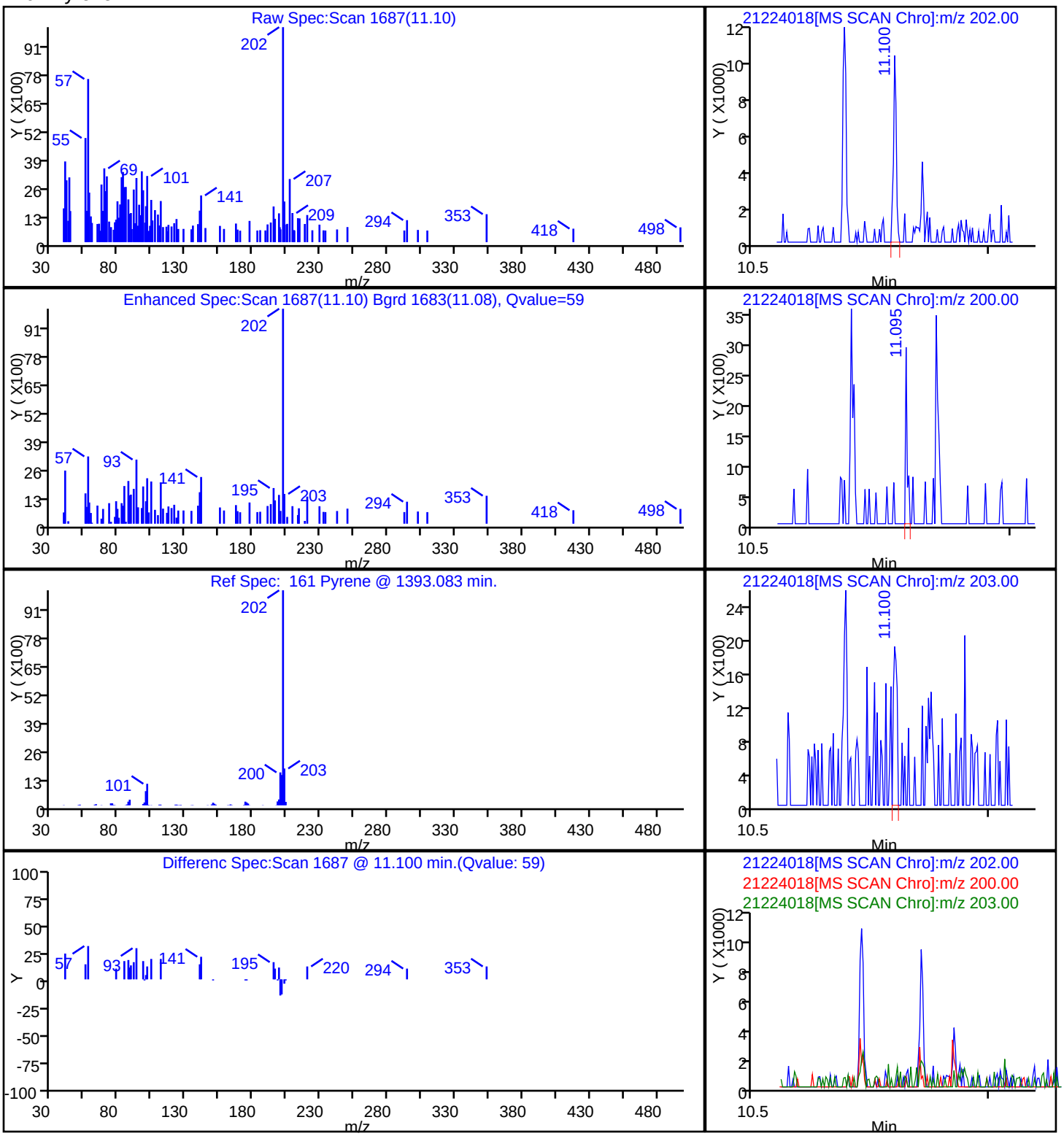
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224018.D

Injection Date:	24-Dec-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0089-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	18
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0090-0001-SO | Lab Sample ID: 240-18703-16

Matrix: Solid | Lab File ID: 21224019.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 09:55

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.64(g) | Date Analyzed: 12/24/2012 17:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.7	U	7.5	3.7	3.7
208-96-8	Acenaphthylene	3.7	U	7.5	3.7	3.7
120-12-7	Anthracene	3.7	U	7.5	3.7	3.7
56-55-3	Benzo[a]anthracene	11		7.5	3.7	3.7
50-32-8	Benzo[a]pyrene	3.7	U	7.5	3.7	3.7
205-99-2	Benzo[b]fluoranthene	3.7	U	7.5	3.7	3.7
191-24-2	Benzo[g,h,i]perylene	3.7	U	7.5	3.7	3.7
65-85-0	Benzoic acid	370	U	740	370	370
207-08-9	Benzo[k]fluoranthene	3.7	U	7.5	3.7	3.7
100-51-6	Benzyl alcohol	30	U	370	30	24
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	28	J	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	24
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	4.0	J	7.5	3.7	1.2
53-70-3	Dibenz(a,h)anthracene	3.7	U	7.5	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	90	U	110	90	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	90	U	170	90	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0090-0001-SO | Lab Sample ID: 240-18703-16

Matrix: Solid | Lab File ID: 21224019.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 09:55

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.64(g) | Date Analyzed: 12/24/2012 17:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	90	U	170	90	90
51-28-5	2,4-Dinitrophenol	90	U	370	90	90
121-14-2	2,4-Dinitrotoluene	30	U	220	30	30
606-20-2	2,6-Dinitrotoluene	30	U	220	30	24
117-84-0	Di-n-octyl phthalate	30	U	56	30	30
206-44-0	Fluoranthene	6.3	J	7.5	3.7	3.7
86-73-7	Fluorene	3.7	U	7.5	3.7	3.7
118-74-1	Hexachlorobenzene	3.7	U	7.5	3.7	2.4
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	7.5	3.7	3.7
78-59-1	Isophorone	30	U	56	30	15
91-57-6	2-Methylnaphthalene	3.7	U	7.5	3.7	3.7
95-48-7	2-Methylphenol	90	U	220	90	90
15831-10-4	3 & 4 Methylphenol	90	U	450	90	22
91-20-3	Naphthalene	3.7	U	7.5	3.7	3.7
88-74-4	2-Nitroaniline	30	U	220	30	10
99-09-2	3-Nitroaniline	90	U	220	90	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	90	U	370	90	90
621-64-7	N-Nitrosodi-n-propylamine	30	U	56	30	30
86-30-6	N-Nitrosodiphenylamine	30	U	56	30	24
87-86-5	Pentachlorophenol	90	U	170	90	90
85-01-8	Phenanthrene	4.5	J	7.5	3.7	3.7
108-95-2	Phenol	30	U	56	30	30
129-00-0	Pyrene	5.0	J	7.5	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	90	U	170	90	90

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0090-0001-SO | Lab Sample ID: 240-18703-16

Matrix: Solid | Lab File ID: 21224019.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 09:55

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.64(g) | Date Analyzed: 12/24/2012 17:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	50		45-105
367-12-4	2-Fluorophenol (Surr)	72		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	59		35-100
4165-62-2	Phenol-d5 (Surr)	70		40-100
1718-51-0	Terphenyl-d14 (Surr)	63		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	61		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224019.D
Lims ID: 240-18703-H-16-A
Client ID: 072SB-0090-0001-SO
Inject. Date: 24-Dec-2012 17:34:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-019
Misc. Info.: 240-18703-H-16-A =240-18703-H-16-A
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 19
Lims Batch ID: 69988
Lims Sample ID: 19
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26
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: XAWRK027

First Level Reviewer: ulmanm
Date: 25-Dec-2012 12:05:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.984	5.988	-0.004	95	124036	4.00	
* 2 Naphthalene-d8	136	7.095	7.094	0.001	99	478140	4.00	
* 3 Acenaphthene-d10	164	8.591	8.589	0.002	92	288304	4.00	
* 4 Phenanthrene-d10	188	9.852	9.856	-0.004	96	483719	4.00	
* 5 Chrysene-d12	240	12.443	12.446	-0.003	83	501180	4.00	
* 6 Perylene-d12	264	14.548	14.557	-0.009	90	386000	4.00	
$ 7 2-Fluorophenol	112	4.761	4.748	0.013	93	450060	10.8	
$ 8 Phenol-d5	99	5.626	5.625	0.001	0	645569	10.5	
$ 9 Nitrobenzene-d5	82	6.465	6.469	-0.004	85	428407	5.86	
$ 10 2-Fluorobiphenyl (Surr)	172	7.998	8.002	-0.004	99	581867	5.04	
$ 11 2,4,6-Tribromophenol	330	9.254	9.257	-0.003	83	92233	9.15	
$ 12 Terphenyl-d14	244	11.219	11.223	-0.004	97	709529	6.25	
43 Phenol	94		5.635					9
69 Bis(2-chloroethyl)ether	93		5.737					9
46 2-Chlorophenol	128		5.796					9
47 1,3-Dichlorobenzene	146		5.940					
48 1,4-Dichlorobenzene	146		6.004					
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					
21 3 & 4 Methylphenol	108		6.308					
57 N-Nitrosodi-n-propylamine	70		6.324					9
61 Hexachloroethane	117		6.437					9
62 Nitrobenzene	77		6.485					9
64 Isophorone	82		6.688					
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					
71 Benzoic acid	122		6.827					9
70 Bis(2-chloroethoxy)methane	93		6.859					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.960					
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128		7.115					
76 4-Chloroaniline	127		7.147					
79 Hexachlorobutadiene	225		7.211					
86 4-Chloro-3-methylphenol	107		7.532					
87 2-Methylnaphthalene	142		7.703					9
89 Hexachlorocyclopentadiene	237		7.831					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65		8.189					9
105 Dimethyl phthalate	163		8.328					
107 2,6-Dinitrotoluene	165		8.386					9
109 Acenaphthylene	152		8.472					9
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153		8.622					9
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					
114 2,4-Dinitrotoluene	165		8.728					
116 Dibenzofuran	168		8.766					9
121 Diethyl phthalate	149		8.921					9
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					9
126 Fluorene	166		9.054					9
128 4,6-Dinitro-2-methylphenol	198		9.076					
131 N-Nitrosodiphenylamine	169		9.134					9
139 4-Bromophenyl phenyl ether	248		9.455					
141 Hexachlorobenzene	284		9.519					
143 Pentachlorophenol	266		9.679					
148 Phenanthrene	178	9.868	9.877	-0.009	9	8010	0.0596	
149 Anthracene	178		9.920					
151 Carbazole	167		10.043					
154 Di-n-butyl phthalate	149		10.299					
159 Fluoranthene	202	10.888	10.892	-0.004	63	12400	0.0836	
161 Pyrene	202	11.102	11.106	-0.004	86	10873	0.0667	
168 Butyl benzyl phthalate	149		11.709					
175 3,3'-Dichlorobenzidine	252		12.372					
173 Bis(2-ethylhexyl) phthalate	149	12.389	12.393	-0.004	64	34729	0.3768	
177 Benzo[a]anthracene	228	12.432	12.430	0.002	1	9202	0.1442	
178 Chrysene	228	12.475	12.479	-0.004	57	7530	0.0536	
180 Di-n-octyl phthalate	149		13.323					
182 Benzo[b]fluoranthene	252		13.964					
183 Benzo[k]fluoranthene	252		14.006					9
184 Benzo[a]pyrene	252		14.471					
188 Indeno[1,2,3-cd]pyrene	276		16.250					
189 Dibenz(a,h)anthracene	278		16.282					
190 Benzo[g,h,i]perylene	276		16.726					9

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

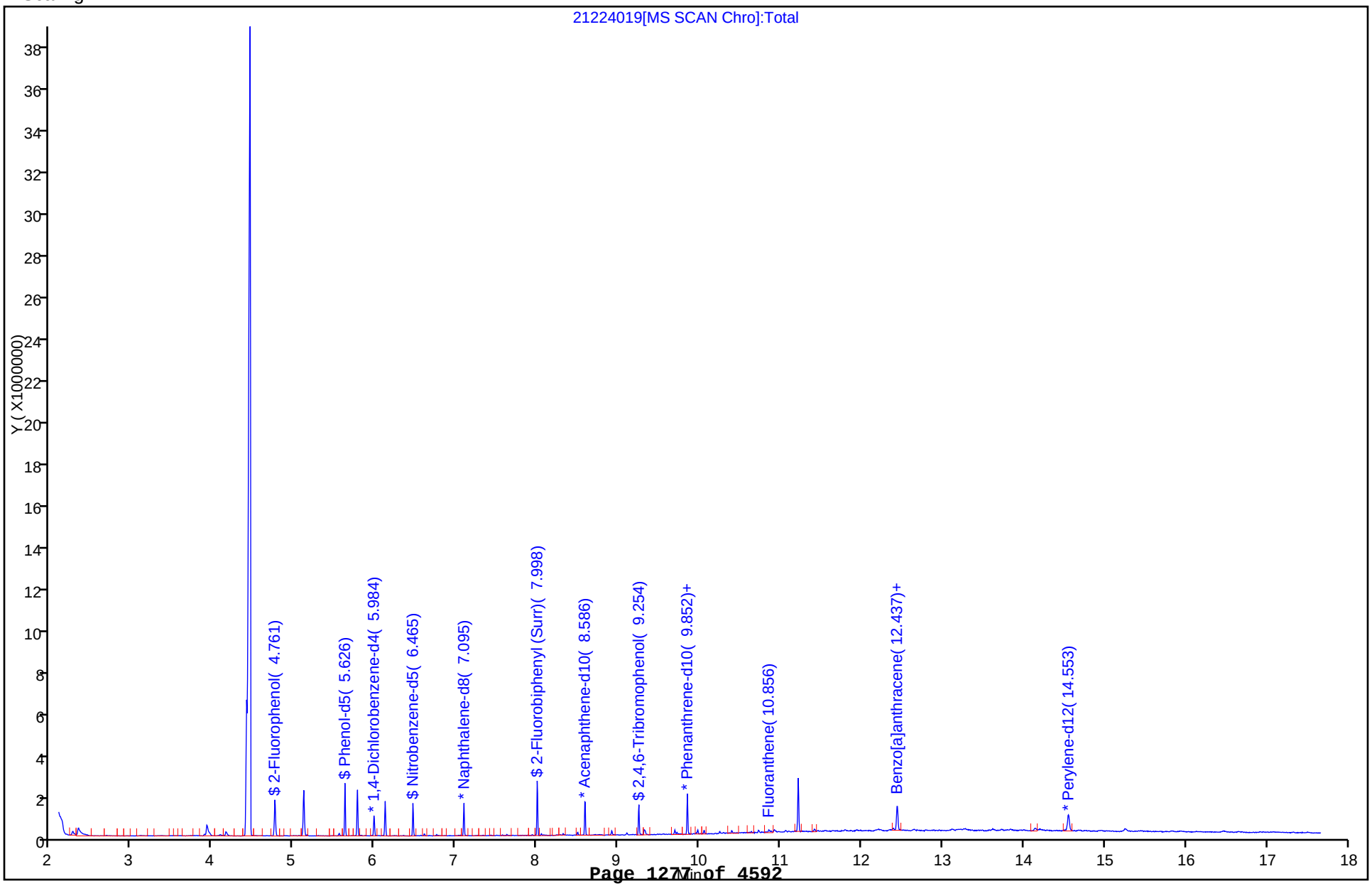
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224019.D

Injection Date:	24-Dec-2012 17:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0090-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	19
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



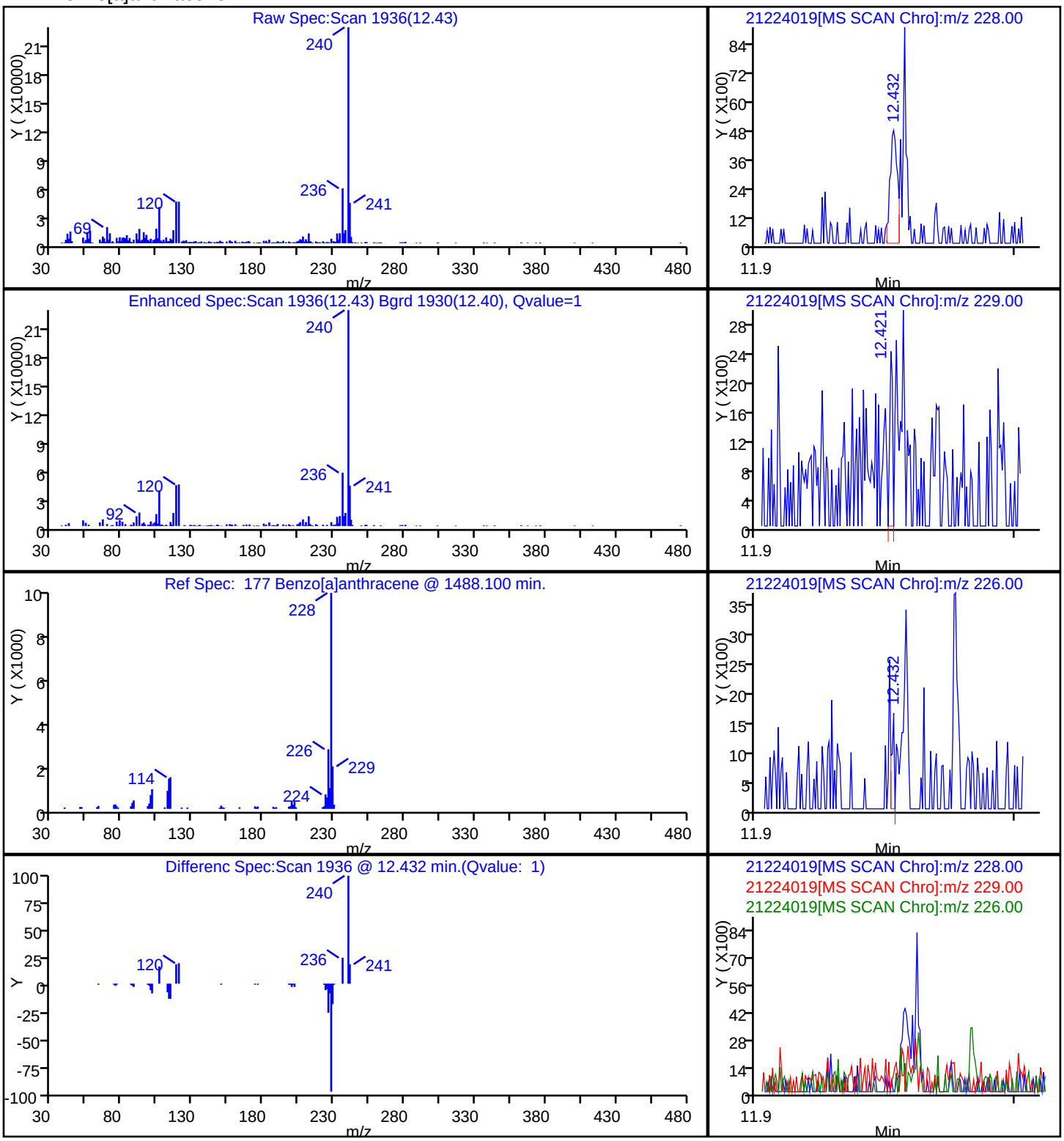
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224019.D

Injection Date:	24-Dec-2012 17:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0090-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	19
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



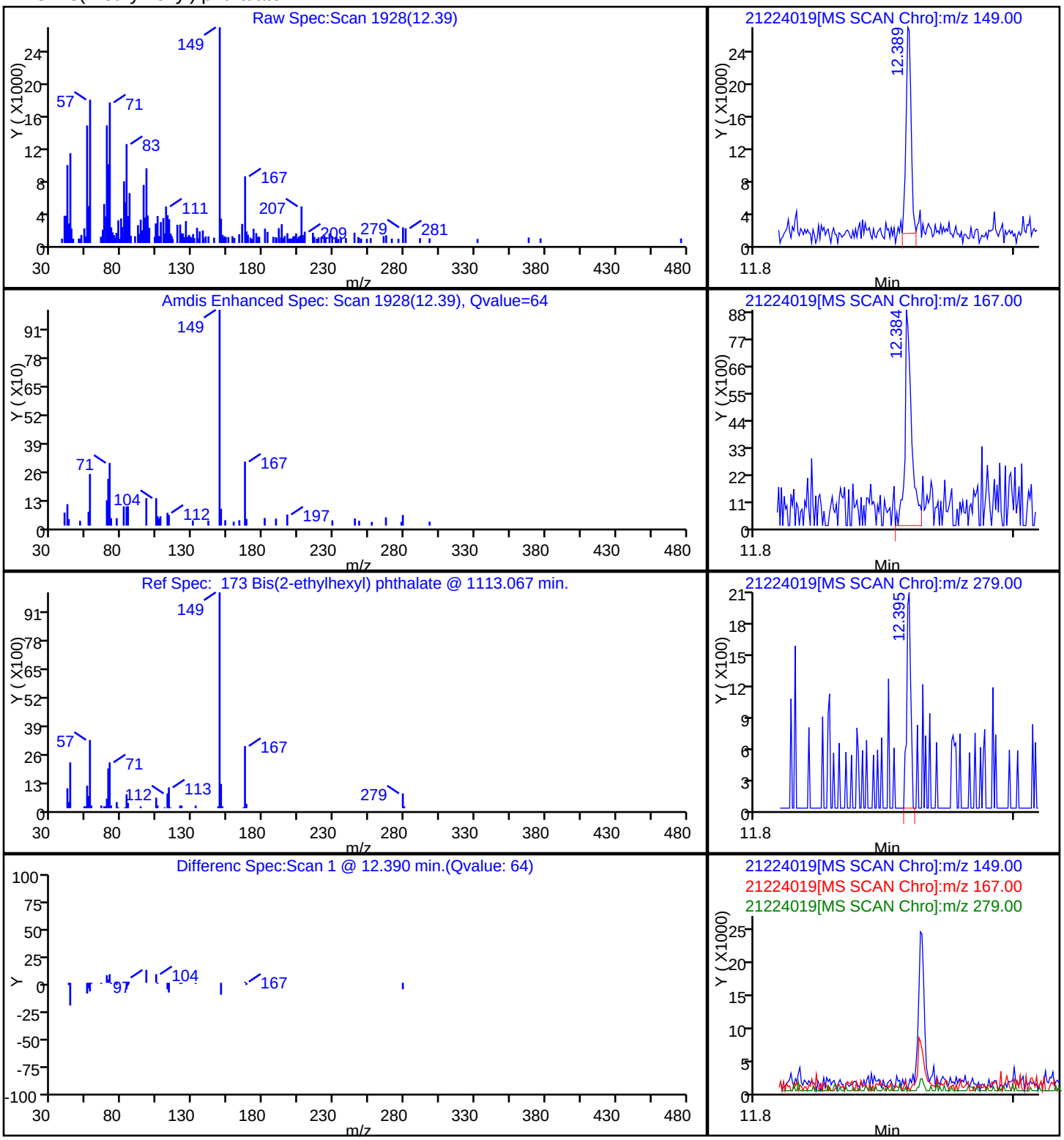
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224019.D

Injection Date:	24-Dec-2012 17:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0090-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	19
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

173 Bis(2-ethylhexyl) phthalate



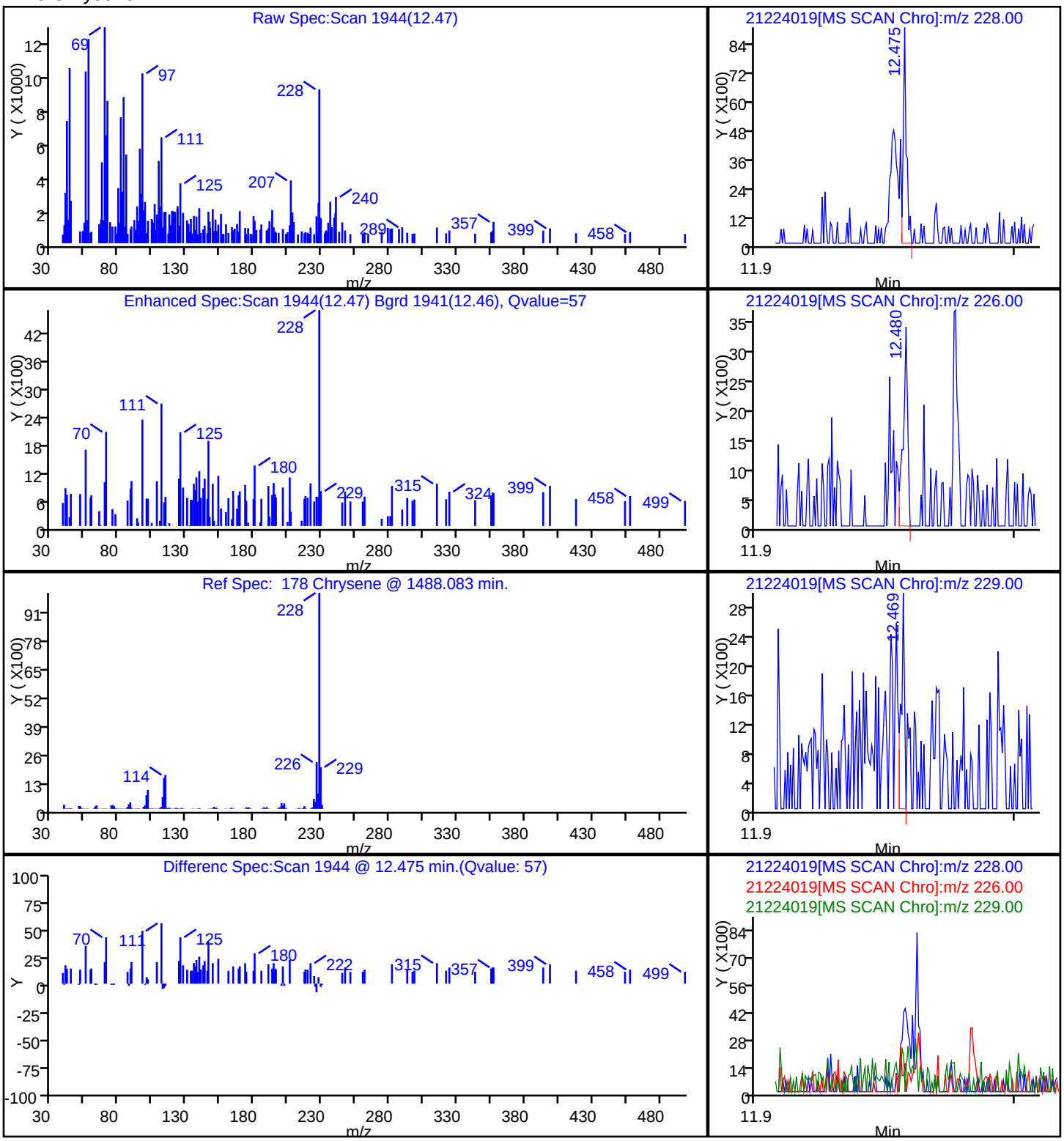
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224019.D

Injection Date:	24-Dec-2012 17:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0090-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	19
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene

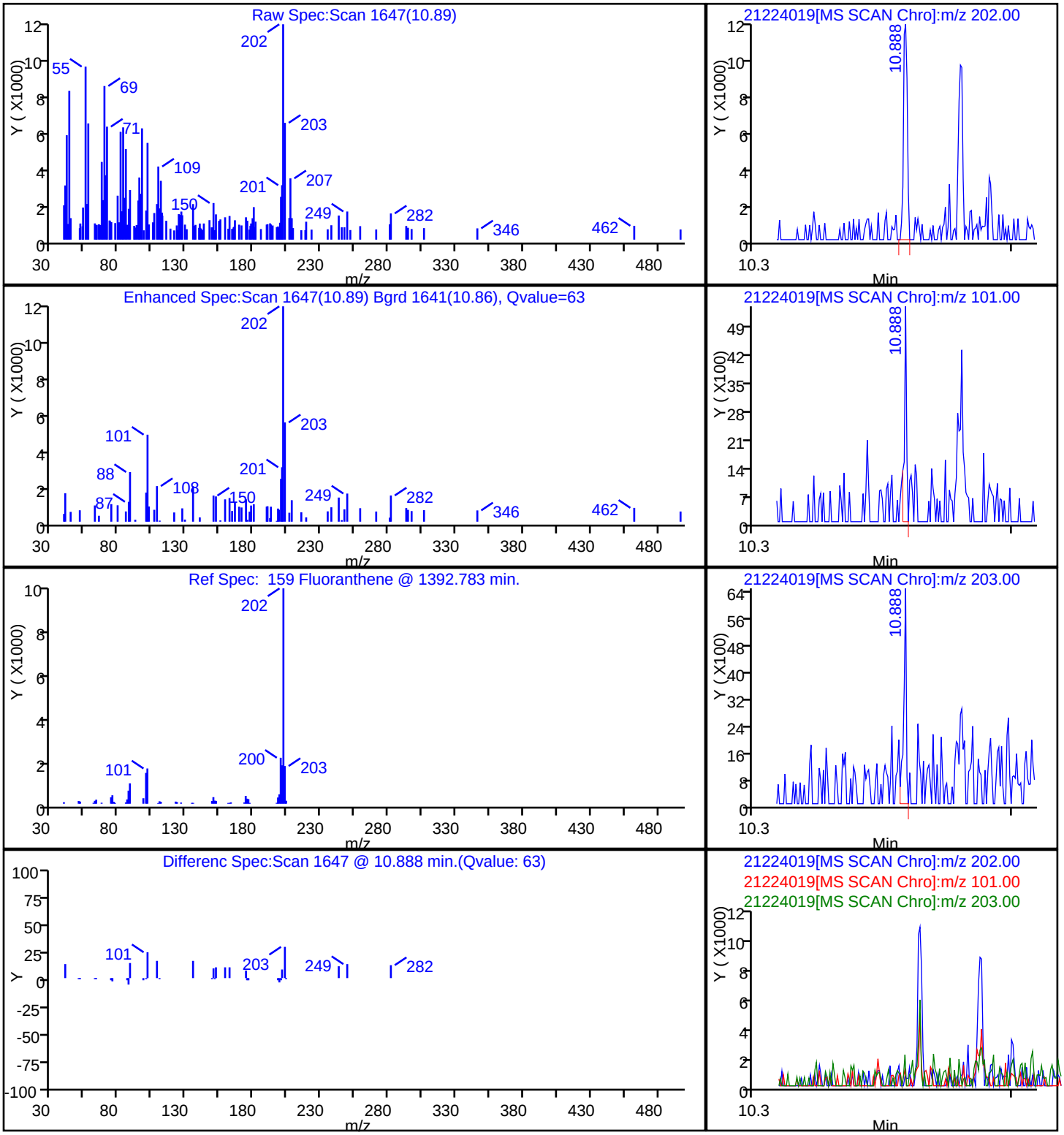


Report Date: 25-Dec-2012 12:56:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224019.D		
Injection Date:	24-Dec-2012 17:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0090-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	19
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



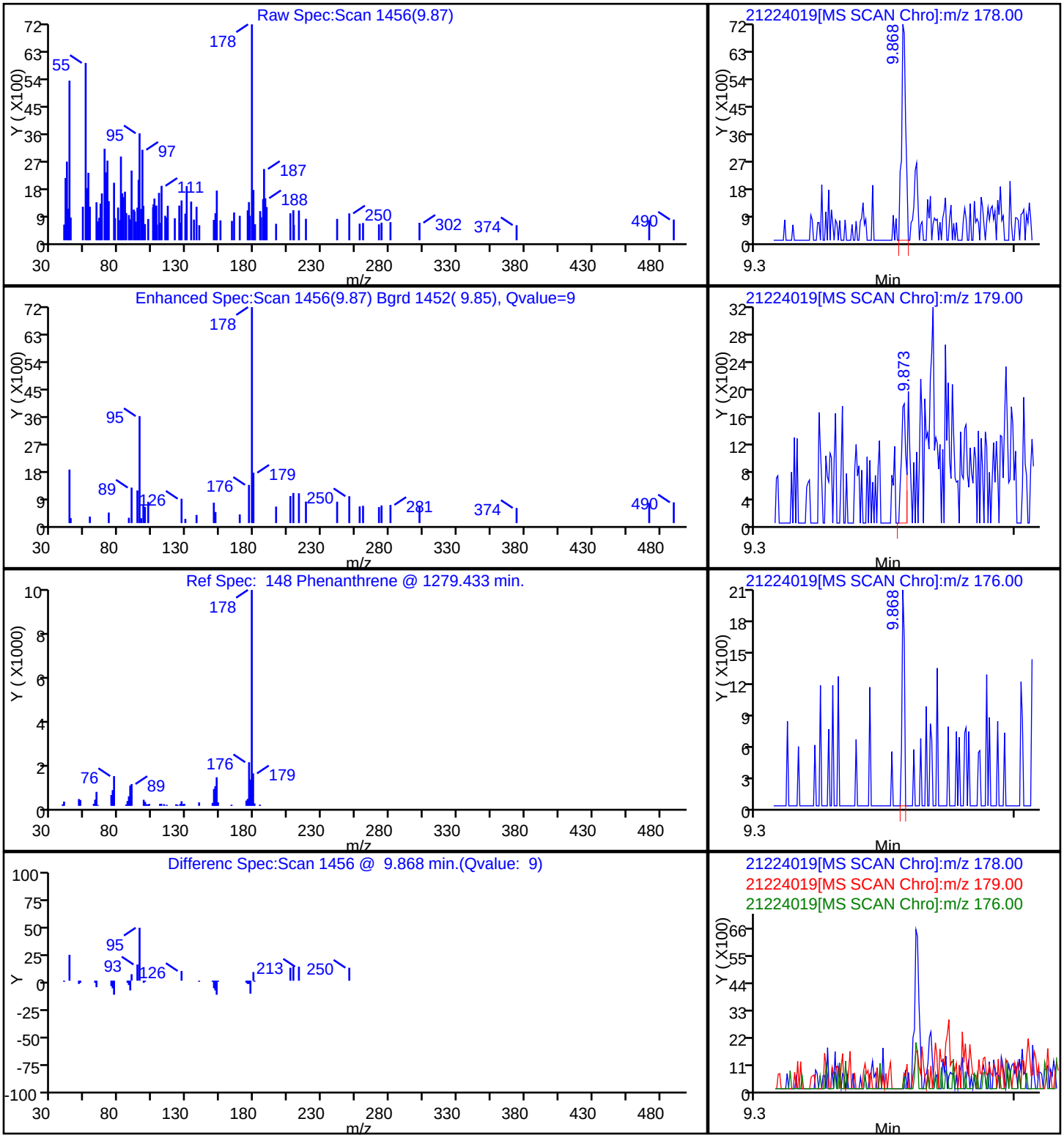
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TestAmerica Canton

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Injection Date:	24-Dec-2012 17:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0090-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	19
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



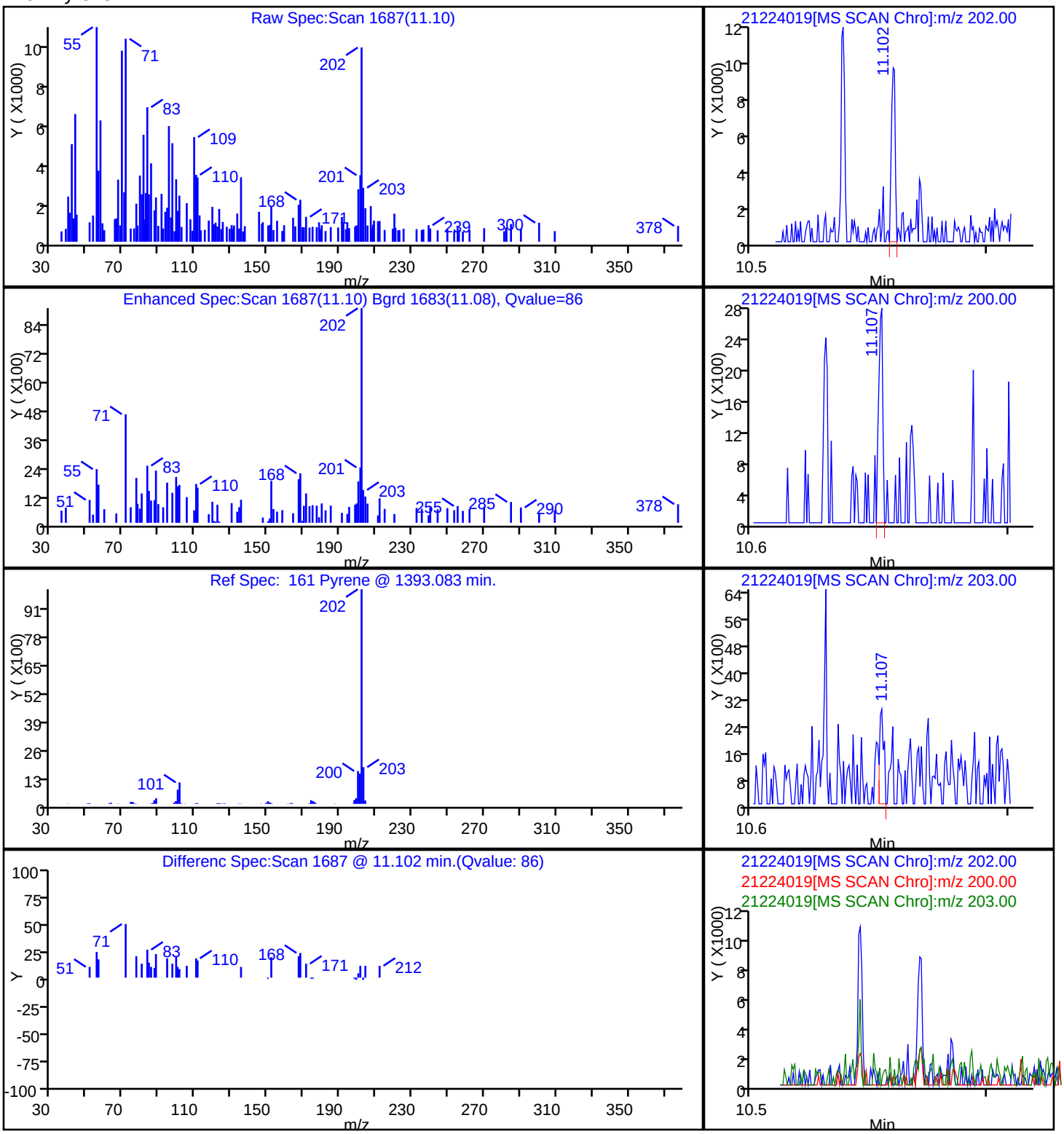
Report Date: 25-Dec-2012 12:56:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224019.D

Injection Date:	24-Dec-2012 17:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0090-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	19
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0091-0001-SO | Lab Sample ID: 240-18703-17

Matrix: Solid | Lab File ID: 21224020.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 12:25

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.27(g) | Date Analyzed: 12/24/2012 17:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.7	U	7.5	3.7	3.7
208-96-8	Acenaphthylene	3.7	U	7.5	3.7	3.7
120-12-7	Anthracene	3.7	U	7.5	3.7	3.7
56-55-3	Benzo[a]anthracene	3.7	U	7.5	3.7	3.7
50-32-8	Benzo[a]pyrene	3.7	U	7.5	3.7	3.7
205-99-2	Benzo[b]fluoranthene	3.7	U	7.5	3.7	3.7
191-24-2	Benzo[g,h,i]perylene	3.7	U	7.5	3.7	3.7
65-85-0	Benzoic acid	380	U	750	380	380
207-08-9	Benzo[k]fluoranthene	3.7	U	7.5	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	31	U	57	31	21
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	7.5	3.7	1.2
53-70-3	Dibenz(a,h)anthracene	3.7	U	7.5	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	90	U	110	90	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	90	U	170	90	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0091-0001-SO | Lab Sample ID: 240-18703-17

Matrix: Solid | Lab File ID: 21224020.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 12:25

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.27(g) | Date Analyzed: 12/24/2012 17:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	90	U	170	90	90
51-28-5	2,4-Dinitrophenol	90	U	370	90	90
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	7.5	3.7	3.7
86-73-7	Fluorene	3.7	U	7.5	3.7	3.7
118-74-1	Hexachlorobenzene	3.7	U	7.5	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	7.5	3.7	3.7
78-59-1	Isophorone	31	U	57	31	15
91-57-6	2-Methylnaphthalene	3.7	U	7.5	3.7	3.7
95-48-7	2-Methylphenol	90	U	230	90	90
15831-10-4	3 & 4 Methylphenol	90	U	450	90	23
91-20-3	Naphthalene	3.7	U	7.5	3.7	3.7
88-74-4	2-Nitroaniline	31	U	230	31	10
99-09-2	3-Nitroaniline	90	U	230	90	18
100-01-6	4-Nitroaniline	31	U	230	31	29
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	90	U	370	90	90
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	90	U	170	90	90
85-01-8	Phenanthrene	3.7	U	7.5	3.7	3.7
108-95-2	Phenol	31	U	57	31	31
129-00-0	Pyrene	3.7	U	7.5	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	90	U	170	90	90

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0091-0001-SO | Lab Sample ID: 240-18703-17

Matrix: Solid | Lab File ID: 21224020.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 12:25

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.27(g) | Date Analyzed: 12/24/2012 17:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	51		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)	70		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	56		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224020.D
Lims ID: 240-18703-H-17-A
Client ID: 072SB-0091-0001-SO
Inject. Date: 24-Dec-2012 17:59:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-020
Misc. Info.: 240-18703-H-17-A =240-18703-H-17-A
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 20
Lims Batch ID: 69988
Lims Sample ID: 20
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26
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: XAWRK027

First Level Reviewer: ulmanm
Date: 25-Dec-2012 12:06:36

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.985	5.988	-0.003	95	123062	4.00	
* 2 Naphthalene-d8	136	7.096	7.094	0.002	98	479642	4.00	
* 3 Acenaphthene-d10	164	8.587	8.589	-0.002	80	284880	4.00	
* 4 Phenanthrene-d10	188	9.853	9.856	-0.003	98	497989	4.00	
* 5 Chrysene-d12	240	12.438	12.446	-0.008	80	467564	4.00	
* 6 Perylene-d12	264	14.549	14.557	-0.008	94	382394	4.00	
$ 7 2-Fluorophenol	112	4.762	4.748	0.014	92	442811	10.7	
$ 8 Phenol-d5	99	5.627	5.625	0.002	0	650173	10.7	
$ 9 Nitrobenzene-d5	82	6.466	6.469	-0.003	86	412667	5.63	
$ 10 2-Fluorobiphenyl (Surr)	172	7.999	8.002	-0.003	99	583137	5.11	
$ 11 2,4,6-Tribromophenol	330	9.255	9.257	-0.002	90	83243	8.42	
$ 12 Terphenyl-d14	244	11.220	11.223	-0.003	98	741503	7.00	
43 Phenol	94		5.635					9
69 Bis(2-chloroethyl)ether	93		5.737					9
46 2-Chlorophenol	128		5.796					
47 1,3-Dichlorobenzene	146		5.940					
48 1,4-Dichlorobenzene	146		6.004					
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					9
21 3 & 4 Methylphenol	108		6.308					
57 N-Nitrosodi-n-propylamine	70		6.324					9
61 Hexachloroethane	117		6.437					
62 Nitrobenzene	77		6.485					9
64 Isophorone	82		6.688					9
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					
71 Benzoic acid	122		6.827					9
70 Bis(2-chloroethoxy)methane	93		6.859					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.960					
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128		7.115					9
76 4-Chloroaniline	127		7.147					
79 Hexachlorobutadiene	225		7.211					
86 4-Chloro-3-methylphenol	107		7.532					
87 2-Methylnaphthalene	142		7.703					
89 Hexachlorocyclopentadiene	237		7.831					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65		8.189					
105 Dimethyl phthalate	163		8.328					
107 2,6-Dinitrotoluene	165		8.386					9
109 Acenaphthylene	152		8.472					
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153		8.622					
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					9
114 2,4-Dinitrotoluene	165		8.728					
116 Dibenzofuran	168		8.766					
121 Diethyl phthalate	149		8.921					9
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166		9.054					
128 4,6-Dinitro-2-methylphenol	198		9.076					
131 N-Nitrosodiphenylamine	169		9.134					9
139 4-Bromophenyl phenyl ether	248		9.455					
141 Hexachlorobenzene	284		9.519					
143 Pentachlorophenol	266		9.679					
148 Phenanthrene	178		9.877					9
149 Anthracene	178		9.920					9
151 Carbazole	167		10.043					9
154 Di-n-butyl phthalate	149		10.299					9
159 Fluoranthene	202		10.892					9
161 Pyrene	202		11.106					
168 Butyl benzyl phthalate	149		11.709					
175 3,3'-Dichlorobenzidine	252		12.372					
173 Bis(2-ethylhexyl) phthalate	149	12.390	12.393	-0.003	85	19700	0.2291	
177 Benzo[a]anthracene	228		12.430					9
178 Chrysene	228		12.479					9
180 Di-n-octyl phthalate	149		13.323					9
182 Benzo[b]fluoranthene	252		13.964					
183 Benzo[k]fluoranthene	252		14.006					9
184 Benzo[a]pyrene	252		14.471					9
188 Indeno[1,2,3-cd]pyrene	276		16.250					
189 Dibenz(a,h)anthracene	278		16.282					
190 Benzo[g,h,i]perylene	276		16.726					9

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

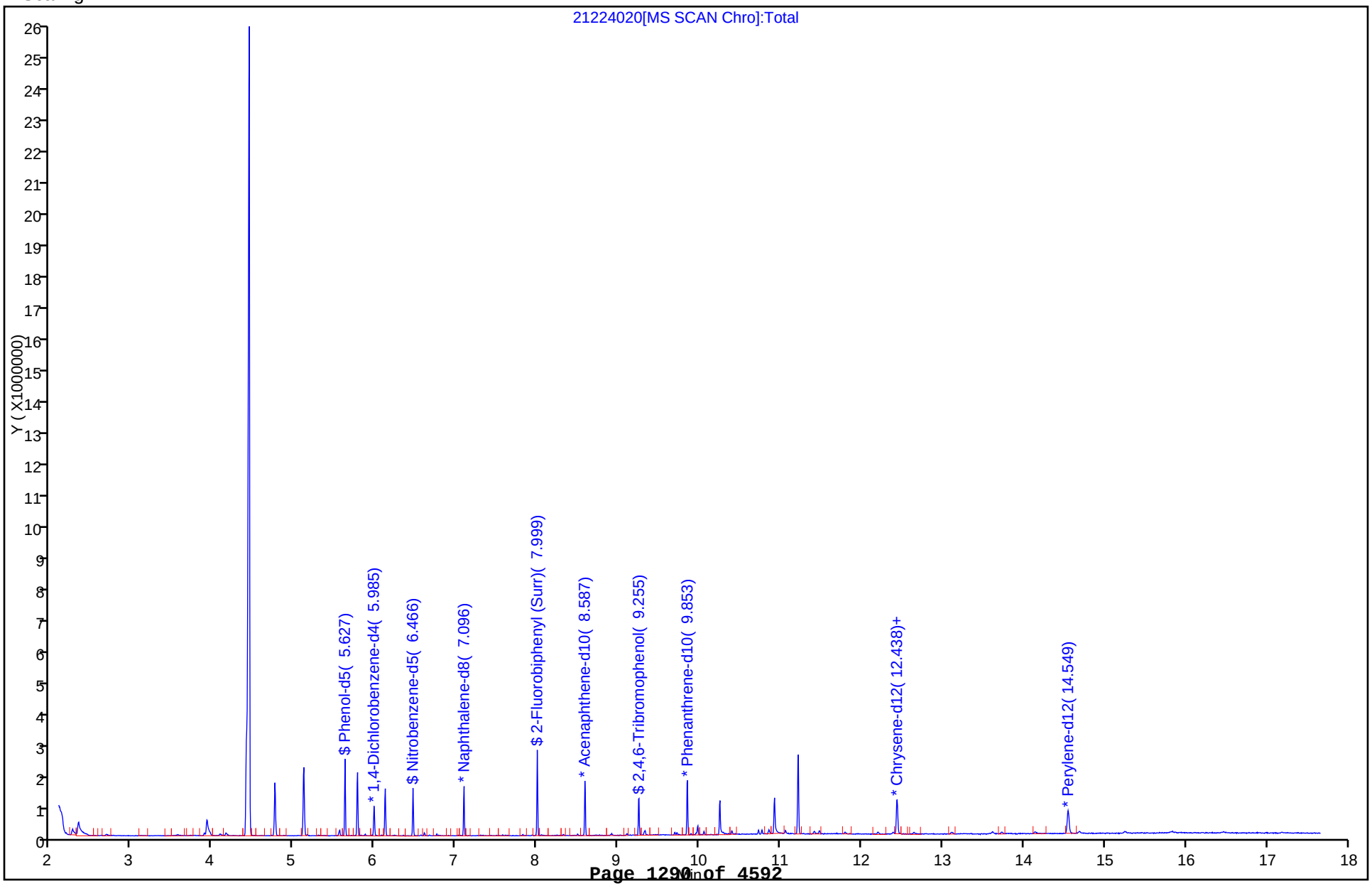
Report Date: 25-Dec-2012 12:56:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224020.D

Injection Date:	24-Dec-2012 17:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0091-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	20
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0075-0001-SO | Lab Sample ID: 240-18703-18

Matrix: Solid | Lab File ID: 21231012.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 13:45

Extract. Method: 3540C | Date Extracted: 12/24/2012 09:50

Sample wt/vol: 29.66(g) | Date Analyzed: 12/31/2012 13:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70697 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.8	U	7.7	3.8	3.8
208-96-8	Acenaphthylene	3.8	U	7.7	3.8	3.8
120-12-7	Anthracene	3.8	U	7.7	3.8	3.8
56-55-3	Benzo[a]anthracene	3.8	U	7.7	3.8	3.8
50-32-8	Benzo[a]pyrene	3.8	U	7.7	3.8	3.8
205-99-2	Benzo[b]fluoranthene	3.8	J	7.7	3.8	3.8
191-24-2	Benzo[g,h,i]perylene	3.8	U	7.7	3.8	3.8
65-85-0	Benzoic acid	390	U	770	390	390
207-08-9	Benzo[k]fluoranthene	3.8	U	7.7	3.8	3.8
100-51-6	Benzyl alcohol	31	U	380	31	24
111-91-1	Bis(2-chloroethoxy)methane	31	U	120	31	26
111-44-4	Bis(2-chloroethyl)ether	3.8	U	120	3.8	2.3
108-60-1	bis (2-chloroisopropyl) ether	31	U	120	31	11
117-81-7	Bis(2-ethylhexyl) phthalate	24	J B	58	31	22
101-55-3	4-Bromophenyl phenyl ether	31	U	58	31	15
85-68-7	Butyl benzyl phthalate	31	U	58	31	12
86-74-8	Carbazole	31	U	58	31	31
106-47-8	4-Chloroaniline	31	U	170	31	20
59-50-7	4-Chloro-3-methylphenol	31	U	170	31	24
91-58-7	2-Chloronaphthalene	3.8	U	58	3.8	3.8
95-57-8	2-Chlorophenol	31	U	58	31	31
7005-72-3	4-Chlorophenyl phenyl ether	31	U	58	31	15
218-01-9	Chrysene	3.8	U	7.7	3.8	1.3
53-70-3	Dibenz(a,h)anthracene	3.8	U	7.7	3.8	3.8
132-64-9	Dibenzofuran	3.8	U	58	3.8	3.8
95-50-1	1,2-Dichlorobenzene	31	U	58	31	11
541-73-1	1,3-Dichlorobenzene	31	U	58	31	13
106-46-7	1,4-Dichlorobenzene	31	U	58	31	23
91-94-1	3,3'-Dichlorobenzidine	93	U	120	93	21
120-83-2	2,4-Dichlorophenol	31	U	170	31	23
84-66-2	Diethyl phthalate	31	U	58	31	19
105-67-9	2,4-Dimethylphenol	93	U	170	93	23
131-11-3	Dimethyl phthalate	31	U	58	31	20
84-74-2	Di-n-butyl phthalate	31	U	58	31	17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0075-0001-SO | Lab Sample ID: 240-18703-18

Matrix: Solid | Lab File ID: 21231012.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 13:45

Extract. Method: 3540C | Date Extracted: 12/24/2012 09:50

Sample wt/vol: 29.66(g) | Date Analyzed: 12/31/2012 13:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70697 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	93	U	170	93	93
51-28-5	2,4-Dinitrophenol	93	U	380	93	93
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	58	31	31
206-44-0	Fluoranthene	3.8	U	7.7	3.8	3.8
86-73-7	Fluorene	3.8	U	7.7	3.8	3.8
118-74-1	Hexachlorobenzene	3.8	U	7.7	3.8	2.4
87-68-3	Hexachlorobutadiene	31	U	58	31	31
77-47-4	Hexachlorocyclopentadiene	31	U	380	31	31
67-72-1	Hexachloroethane	31	U	58	31	10
193-39-5	Indeno[1,2,3-cd]pyrene	3.8	U	7.7	3.8	3.8
78-59-1	Isophorone	31	U	58	31	15
91-57-6	2-Methylnaphthalene	3.8	U	7.7	3.8	3.8
95-48-7	2-Methylphenol	93	U	230	93	93
15831-10-4	3 & 4 Methylphenol	93	U	460	93	23
91-20-3	Naphthalene	3.8	U	7.7	3.8	3.8
88-74-4	2-Nitroaniline	31	U	230	31	11
99-09-2	3-Nitroaniline	93	U	230	93	19
100-01-6	4-Nitroaniline	31	U	230	31	30
98-95-3	Nitrobenzene	3.8	U	120	3.8	2.6
88-75-5	2-Nitrophenol	31	U	58	31	31
100-02-7	4-Nitrophenol	93	U	380	93	93
621-64-7	N-Nitrosodi-n-propylamine	31	U	58	31	31
86-30-6	N-Nitrosodiphenylamine	31	U	58	31	24
87-86-5	Pentachlorophenol	93	U	170	93	93
85-01-8	Phenanthrene	3.8	U	7.7	3.8	3.8
108-95-2	Phenol	31	U	58	31	31
129-00-0	Pyrene	3.8	U	7.7	3.8	3.8
120-82-1	1,2,4-Trichlorobenzene	31	U	58	31	31
95-95-4	2,4,5-Trichlorophenol	31	U	170	31	29
88-06-2	2,4,6-Trichlorophenol	93	U	170	93	93

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0075-0001-SO | Lab Sample ID: 240-18703-18

Matrix: Solid | Lab File ID: 21231012.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 13:45

Extract. Method: 3540C | Date Extracted: 12/24/2012 09:50

Sample wt/vol: 29.66(g) | Date Analyzed: 12/31/2012 13:26

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70697 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	57		45-105
367-12-4	2-Fluorophenol (Surr)	78		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	60		35-100
4165-62-2	Phenol-d5 (Surr)	75		40-100
1718-51-0	Terphenyl-d14 (Surr)	68		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	50		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231012.D
Lims ID: 240-18703-K-18-F
Client ID: 072SB-0075-0001-SO
Inject. Date: 31-Dec-2012 13:26:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016305-012
Misc. Info.: 240-18703-K-18-F
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 12
Lims Batch ID: 70697
Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\8270_hp7.m
Last Update: 02-Jan-2013 12:45:30
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: XAWRK001

First Level Reviewer: gruberj
Date: 31-Dec-2012 14:18:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.816	5.816	0.0	97	209772	4.00	
* 2 Naphthalene-d8	136	6.933	6.934	-0.001	100	818681	4.00	
* 3 Acenaphthene-d10	164	8.426	8.426	0.0	92	500687	4.00	
* 4 Phenanthrene-d10	188	9.677	9.677	0.0	98	803511	4.00	
* 5 Chrysene-d12	240	12.170	12.170	0.0	95	829211	4.00	
* 6 Perylene-d12	264	14.186	14.186	0.0	92	715179	4.00	
$ 7 2-Fluorophenol	112	4.553	4.543	0.010	94	757222	11.8	
$ 8 Phenol-d5	99	5.462	5.457	0.005	91	959479	11.2	
$ 9 Nitrobenzene-d5	82	6.302	6.302	0.0	93	538801	5.97	
$ 10 2-Fluorobiphenyl (Surr)	172	7.843	7.843	0.0	99	1023414	5.70	
$ 11 2,4,6-Tribromophenol	330	9.089	9.089	0.0	93	125131	7.43	
$ 12 Terphenyl-d14	244	11.014	11.015	-0.001	99	1146846	6.76	
41 Phenol	94		5.473					9
44 Bis(2-chloroethyl)ether	93		5.570					9
46 2-Chlorophenol	128		5.618					9
47 1,3-Dichlorobenzene	146		5.762					9
48 1,4-Dichlorobenzene	146		5.832					9
49 Benzyl alcohol	108		5.928					9
50 1,2-Dichlorobenzene	146		5.965					
51 2-Methylphenol	108		6.019					9
52 2,2'-oxybis[1-chloropropane]	45		6.051					
191 3 & 4 Methylphenol	108		6.153					
56 N-Nitrosodi-n-propylamine	70		6.163					
60 Hexachloroethane	117		6.270					
61 Nitrobenzene	77		6.324					
63 Isophorone	82		6.527					
65 2-Nitrophenol	139		6.602					
64 2,4-Dimethylphenol	107		6.618					9
69 Benzoic acid	122		6.682					
68 Bis(2-chloroethoxy)methane	93		6.704					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.805					
72 1,2,4-Trichlorobenzene	180		6.880					
73 Naphthalene	128		6.955					9
74 4-Chloroaniline	127		6.987					9
77 Hexachlorobutadiene	225		7.051					
84 4-Chloro-3-methylphenol	107		7.383					9
85 2-Methylnaphthalene	142		7.538					9
88 Hexachlorocyclopentadiene	237		7.672					
90 2,4,6-Trichlorophenol	196		7.768					
91 2,4,5-Trichlorophenol	196		7.800					
98 2-Chloronaphthalene	162		7.955					
100 2-Nitroaniline	65		8.030					
103 Dimethyl phthalate	163		8.169					9
105 2,6-Dinitrotoluene	165		8.228					
107 Acenaphthylene	152		8.308					9
108 3-Nitroaniline	138		8.372					
110 Acenaphthene	153		8.453					
109 2,4-Dinitrophenol	184		8.458					
111 4-Nitrophenol	109		8.490					9
112 2,4-Dinitrotoluene	165		8.565					9
114 Dibenzofuran	168		8.597					9
119 Diethyl phthalate	149		8.757					9
121 4-Chlorophenyl phenyl ether	204		8.875					
124 Fluorene	166		8.886					9
123 4-Nitroaniline	138		8.886					9
126 4,6-Dinitro-2-methylphenol	198		8.913					
130 N-Nitrosodiphenylamine	169		8.966					
137 4-Bromophenyl phenyl ether	248		9.287					
139 Hexachlorobenzene	284		9.351					
141 Pentachlorophenol	266		9.506					
146 Phenanthrene	178		9.699					9
147 Anthracene	178		9.742					9
149 Carbazole	167		9.865					9
151 Di-n-butyl phthalate	149		10.127					
157 Fluoranthene	202		10.699					
160 Pyrene	202		10.902					
166 Butyl benzyl phthalate	149		11.480					9
173 3,3'-Dichlorobenzidine	252		12.106					9
171 Bis(2-ethylhexyl) phthalate	149	12.127	12.127	0.0	93	24697	0.3121	
175 Benzo[a]anthracene	228		12.159					9
176 Chrysene	228		12.202					9
178 Di-n-octyl phthalate	149		13.010					9
180 Benzo[b]fluoranthene	252	13.625	13.619	0.005	62	10588	0.0496	
181 Benzo[k]fluoranthene	252		13.657					
182 Benzo[a]pyrene	252		14.106					
186 Indeno[1,2,3-cd]pyrene	276		15.802					
187 Dibenz(a,h)anthracene	278		15.828					9
188 Benzo[g,h,i]perylene	276		16.224					9

QC Flag Legend

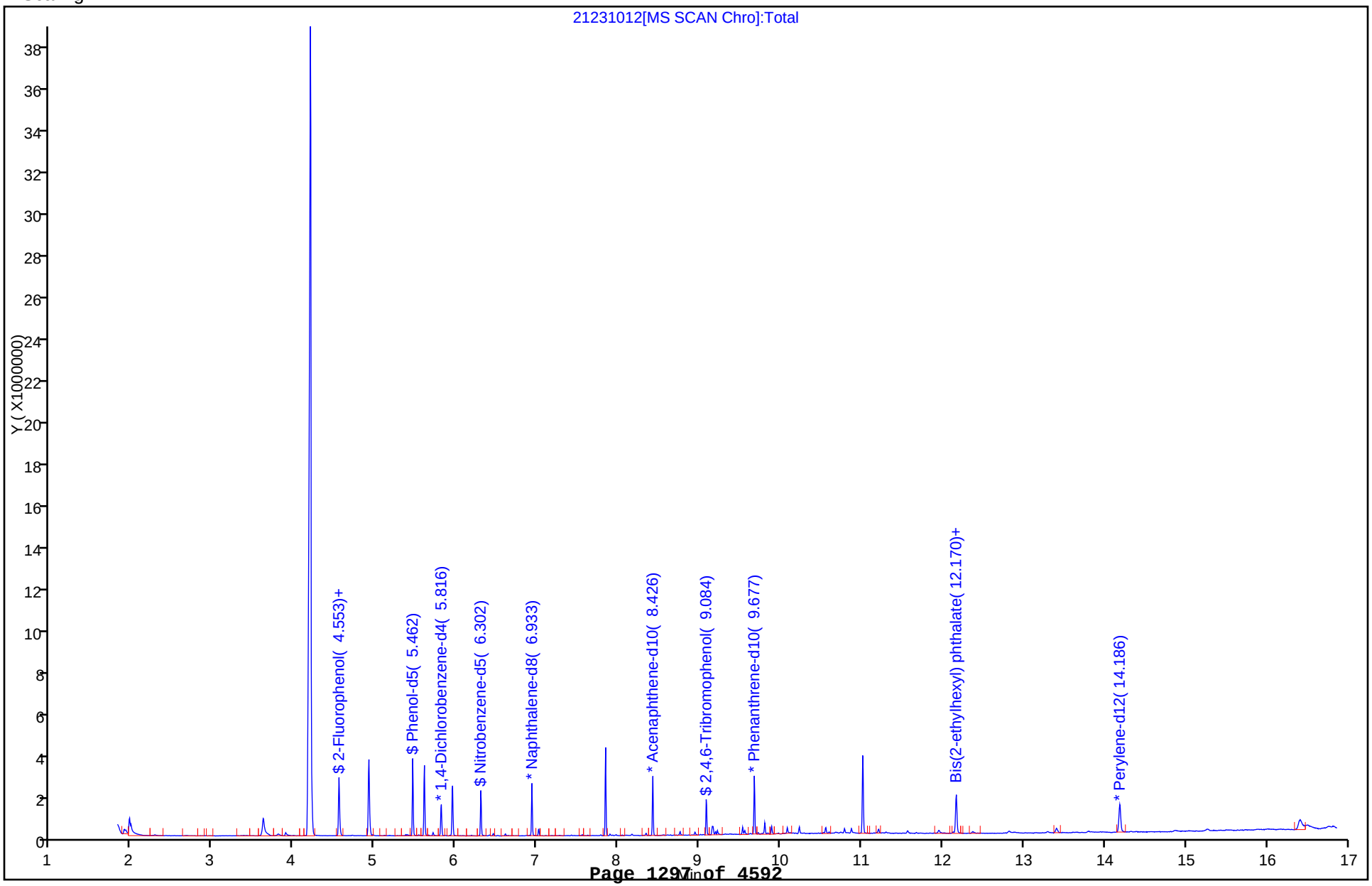
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 04-Jan-2013 15:30:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231012.D		
Injection Date:	31-Dec-2012 13:26:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0075-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70697	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

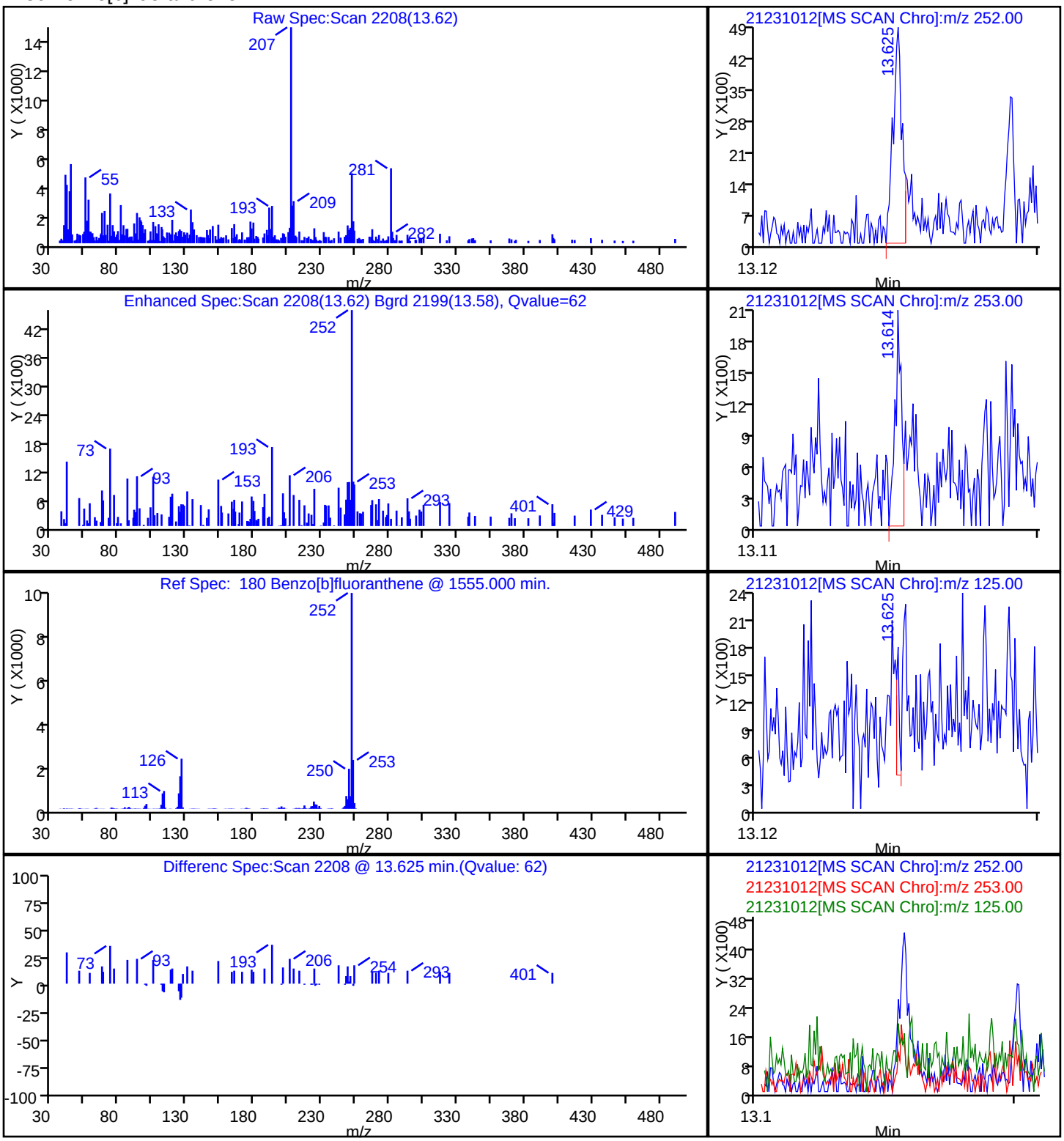


Report Date: 04-Jan-2013 15:30:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231012.D		
Injection Date:	31-Dec-2012 13:26:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0075-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70697	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

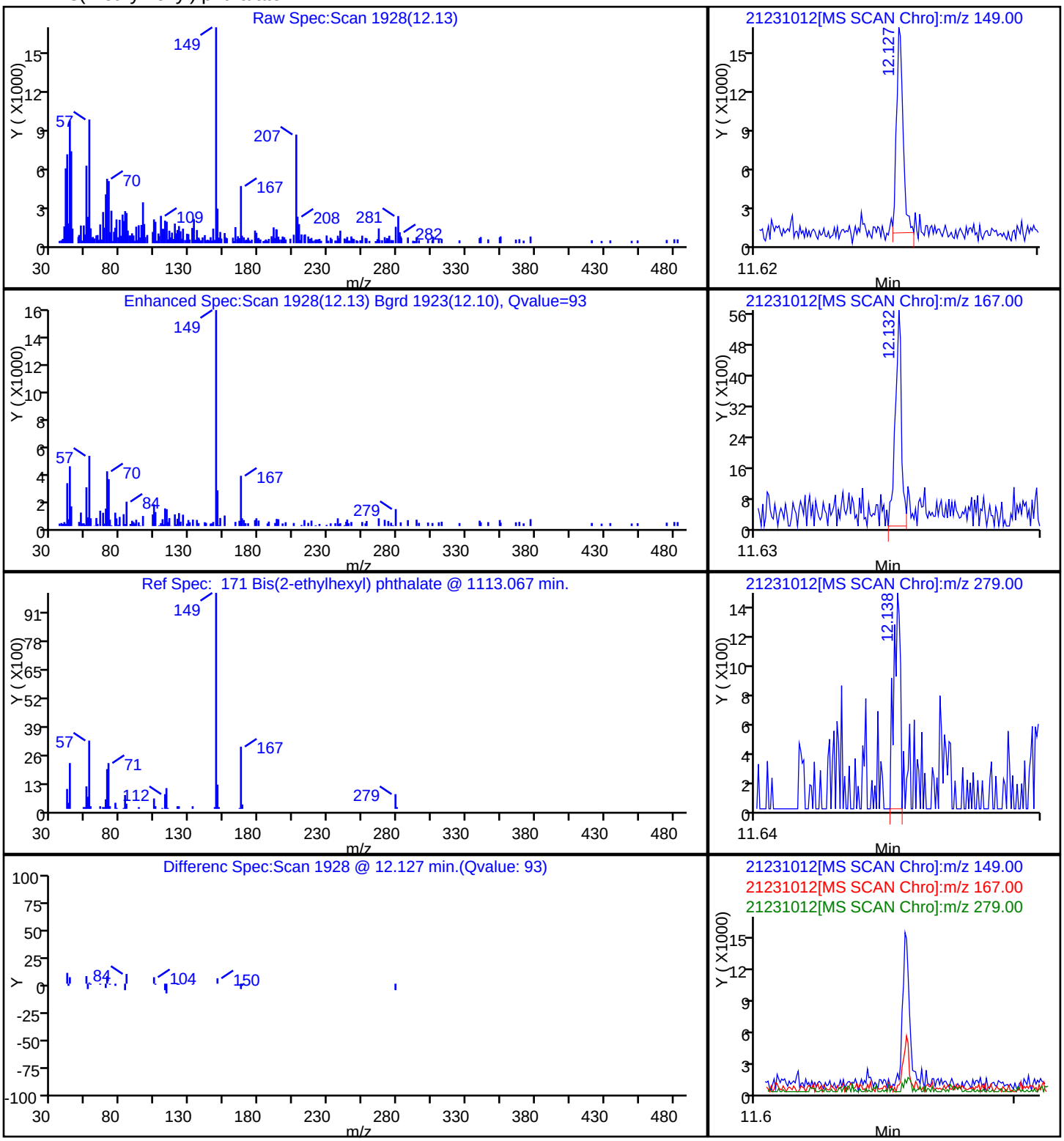


Report Date: 04-Jan-2013 15:30:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231012.D		
Injection Date:	31-Dec-2012 13:26:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0075-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70697	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



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0076-0001-SO | Lab Sample ID: 240-18703-19

Matrix: Solid | Lab File ID: 21224021.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.97(g) | Date Analyzed: 12/24/2012 18:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.9	U	7.9	3.9	3.9
208-96-8	Acenaphthylene	7.6	J	7.9	3.9	3.9
120-12-7	Anthracene	5.8	J	7.9	3.9	3.9
56-55-3	Benzo[a]anthracene	55		7.9	3.9	3.9
50-32-8	Benzo[a]pyrene	40		7.9	3.9	3.9
205-99-2	Benzo[b]fluoranthene	65	M	7.9	3.9	3.9
191-24-2	Benzo[g,h,i]perylene	34		7.9	3.9	3.9
65-85-0	Benzoic acid	400	U	780	400	400
207-08-9	Benzo[k]fluoranthene	22	M	7.9	3.9	3.9
100-51-6	Benzyl alcohol	32	U	390	32	25
111-91-1	Bis(2-chloroethoxy)methane	32	U	120	32	26
111-44-4	Bis(2-chloroethyl)ether	3.9	U	120	3.9	2.4
108-60-1	bis (2-chloroisopropyl) ether	32	U	120	32	11
117-81-7	Bis(2-ethylhexyl) phthalate	24	J	59	32	23
101-55-3	4-Bromophenyl phenyl ether	32	U	59	32	15
85-68-7	Butyl benzyl phthalate	32	U	59	32	12
86-74-8	Carbazole	32	U	59	32	32
106-47-8	4-Chloroaniline	32	U	180	32	20
59-50-7	4-Chloro-3-methylphenol	32	U	180	32	25
91-58-7	2-Chloronaphthalene	3.9	U	59	3.9	3.9
95-57-8	2-Chlorophenol	32	U	59	32	32
7005-72-3	4-Chlorophenyl phenyl ether	32	U	59	32	15
218-01-9	Chrysene	41		7.9	3.9	1.3
53-70-3	Dibenz(a,h)anthracene	3.9	U	7.9	3.9	3.9
132-64-9	Dibenzofuran	3.9	U	59	3.9	3.9
95-50-1	1,2-Dichlorobenzene	32	U	59	32	12
541-73-1	1,3-Dichlorobenzene	32	U	59	32	13
106-46-7	1,4-Dichlorobenzene	32	U	59	32	24
91-94-1	3,3'-Dichlorobenzidine	95	U	120	95	21
120-83-2	2,4-Dichlorophenol	32	U	180	32	24
84-66-2	Diethyl phthalate	32	U	59	32	19
105-67-9	2,4-Dimethylphenol	95	U	180	95	24
131-11-3	Dimethyl phthalate	32	U	59	32	20
84-74-2	Di-n-butyl phthalate	32	U	59	32	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0076-0001-SO | Lab Sample ID: 240-18703-19

Matrix: Solid | Lab File ID: 21224021.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.97(g) | Date Analyzed: 12/24/2012 18:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	95	U	180	95	95
51-28-5	2,4-Dinitrophenol	95	U	390	95	95
121-14-2	2,4-Dinitrotoluene	32	U	240	32	32
606-20-2	2,6-Dinitrotoluene	32	U	240	32	25
117-84-0	Di-n-octyl phthalate	32	U	59	32	32
206-44-0	Fluoranthene	96		7.9	3.9	3.9
86-73-7	Fluorene	3.9	U	7.9	3.9	3.9
118-74-1	Hexachlorobenzene	3.9	U	7.9	3.9	2.5
87-68-3	Hexachlorobutadiene	32	U	59	32	32
77-47-4	Hexachlorocyclopentadiene	32	U	390	32	32
67-72-1	Hexachloroethane	32	U	59	32	11
193-39-5	Indeno[1,2,3-cd]pyrene	22		7.9	3.9	3.9
78-59-1	Isophorone	32	U	59	32	15
91-57-6	2-Methylnaphthalene	3.9	U	7.9	3.9	3.9
95-48-7	2-Methylphenol	95	U	240	95	95
15831-10-4	3 & 4 Methylphenol	95	U	480	95	24
91-20-3	Naphthalene	3.9	U	7.9	3.9	3.9
88-74-4	2-Nitroaniline	32	U	240	32	11
99-09-2	3-Nitroaniline	95	U	240	95	19
100-01-6	4-Nitroaniline	32	U	240	32	31
98-95-3	Nitrobenzene	3.9	U	120	3.9	2.6
88-75-5	2-Nitrophenol	32	U	59	32	32
100-02-7	4-Nitrophenol	95	U	390	95	95
621-64-7	N-Nitrosodi-n-propylamine	32	U	59	32	32
86-30-6	N-Nitrosodiphenylamine	32	U	59	32	25
87-86-5	Pentachlorophenol	95	U	180	95	95
85-01-8	Phenanthrene	47		7.9	3.9	3.9
108-95-2	Phenol	32	U	59	32	32
129-00-0	Pyrene	77		7.9	3.9	3.9
120-82-1	1,2,4-Trichlorobenzene	32	U	59	32	32
95-95-4	2,4,5-Trichlorophenol	32	U	180	32	30
88-06-2	2,4,6-Trichlorophenol	95	U	180	95	95

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0076-0001-SO | Lab Sample ID: 240-18703-19

Matrix: Solid | Lab File ID: 21224021.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.97(g) | Date Analyzed: 12/24/2012 18:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | 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)	59		35-100
4165-62-2	Phenol-d5 (Surr)	66		40-100
1718-51-0	Terphenyl-d14 (Surr)	69		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	58		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D
Lims ID: 240-18703-I-19-B Client ID: 072SB-0076-0001-SO
Inject. Date: 24-Dec-2012 18:24:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-021
Misc. Info.: 240-18703-I-19-B =240-18703-I-19-B
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 69988 Lims Sample ID: 21
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26 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: XAWRK027

First Level Reviewer: ulmanm Date: 25-Dec-2012 12:09:12

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.988	5.988	0.0	89	130583	4.00	
* 2 Naphthalene-d8	136	7.094	7.094	0.0	99	478968	4.00	
* 3 Acenaphthene-d10	164	8.589	8.589	0.0	77	294976	4.00	
* 4 Phenanthrene-d10	188	9.850	9.856	-0.006	97	509607	4.00	
* 5 Chrysene-d12	240	12.441	12.446	-0.005	84	506090	4.00	
* 6 Perylene-d12	264	14.551	14.557	-0.006	93	391747	4.00	
$ 7 2-Fluorophenol	112	4.764	4.748	0.016	94	436245	9.96	
$ 8 Phenol-d5	99	5.630	5.625	0.005	0	643453	9.96	
$ 9 Nitrobenzene-d5	82	6.469	6.469	0.0	85	435215	5.95	
$ 10 2-Fluorobiphenyl (Surr)	172	8.002	8.002	0.0	99	599230	5.07	
$ 11 2,4,6-Tribromophenol	330	9.252	9.257	-0.005	79	90123	8.77	
$ 12 Terphenyl-d14	244	11.218	11.223	-0.005	95	787937	6.88	
43 Phenol	94		5.635					9
69 Bis(2-chloroethyl)ether	93		5.737					9
46 2-Chlorophenol	128		5.796					
47 1,3-Dichlorobenzene	146		5.940					
48 1,4-Dichlorobenzene	146		6.004					
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					9
21 3 & 4 Methylphenol	108		6.308					
57 N-Nitrosodi-n-propylamine	70		6.324					9
61 Hexachloroethane	117		6.437					
62 Nitrobenzene	77		6.485					9
64 Isophorone	82		6.688					9
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					
71 Benzoic acid	122		6.827					9
70 Bis(2-chloroethoxy)methane	93		6.859					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.960					
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128		7.115					
76 4-Chloroaniline	127		7.147					9
79 Hexachlorobutadiene	225		7.211					
86 4-Chloro-3-methylphenol	107		7.532					
87 2-Methylnaphthalene	142		7.703					9
89 Hexachlorocyclopentadiene	237		7.831					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65		8.189					
105 Dimethyl phthalate	163		8.328					
107 2,6-Dinitrotoluene	165		8.386					9
109 Acenaphthylene	152	8.472	8.472	0.0	77	13468	0.0964	
110 3-Nitroaniline	138		8.536					9
112 Acenaphthene	153		8.622					
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					9
114 2,4-Dinitrotoluene	165		8.728					
116 Dibenzofuran	168		8.766					9
121 Diethyl phthalate	149		8.921					9
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166		9.054					9
128 4,6-Dinitro-2-methylphenol	198		9.076					
131 N-Nitrosodiphenylamine	169		9.134					9
139 4-Bromophenyl phenyl ether	248		9.455					
141 Hexachlorobenzene	284		9.519					
143 Pentachlorophenol	266		9.679					
148 Phenanthrene	178	9.871	9.877	-0.006	88	83248	0.5878	
149 Anthracene	178	9.914	9.920	-0.006	72	10265	0.0734	
151 Carbazole	167		10.043					9
154 Di-n-butyl phthalate	149		10.299					9
159 Fluoranthene	202	10.886	10.892	-0.006	80	189658	1.21	
161 Pyrene	202	11.100	11.106	-0.006	78	160723	0.9762	
168 Butyl benzyl phthalate	149		11.709					
175 3,3'-Dichlorobenzidine	252		12.372					
173 Bis(2-ethylhexyl) phthalate	149	12.393	12.393	0.0	70	28616	0.3075	
177 Benzo[a]anthracene	228	12.425	12.430	-0.005	84	88478	0.6904	
178 Chrysene	228	12.473	12.479	-0.006	74	73298	0.5172	
180 Di-n-octyl phthalate	149		13.323					
182 Benzo[b]fluoranthene	252	13.958	13.964	-0.006	78	106668	0.8165	M
183 Benzo[k]fluoranthene	252	13.996	14.006	-0.010	81	37115	0.2796	M
184 Benzo[a]pyrene	252	14.466	14.471	-0.005	62	59692	0.5024	
188 Indeno[1,2,3-cd]pyrene	276	16.239	16.250	-0.011	72	36179	0.2748	
189 Dibenz(a,h)anthracene	278		16.282					
190 Benzo[g,h,i]perylene	276	16.699	16.726	-0.027	71	34767	0.4261	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

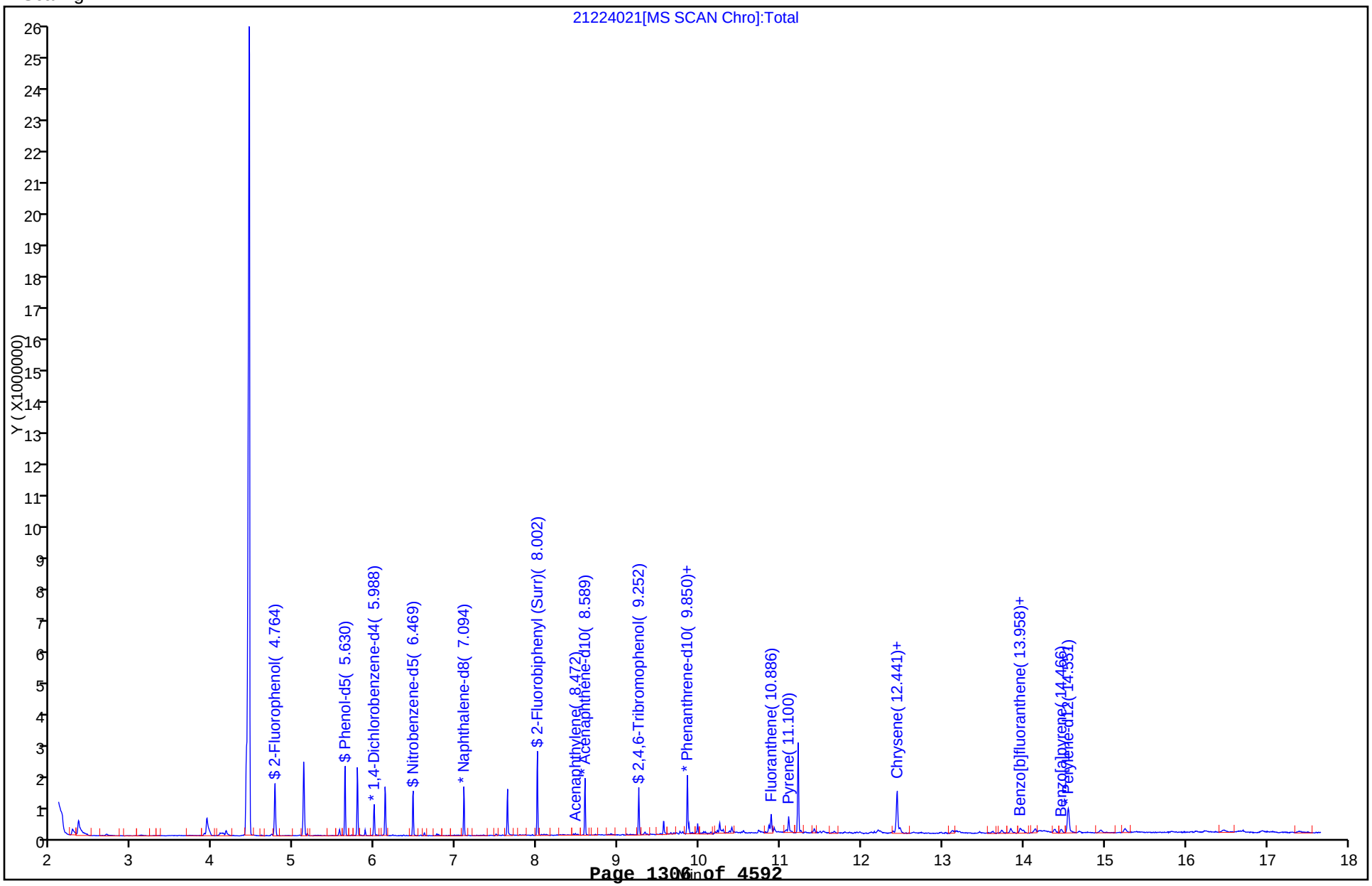
Review Flags
M - Manually Integrated

Report Date: 25-Dec-2012 12:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D		
Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



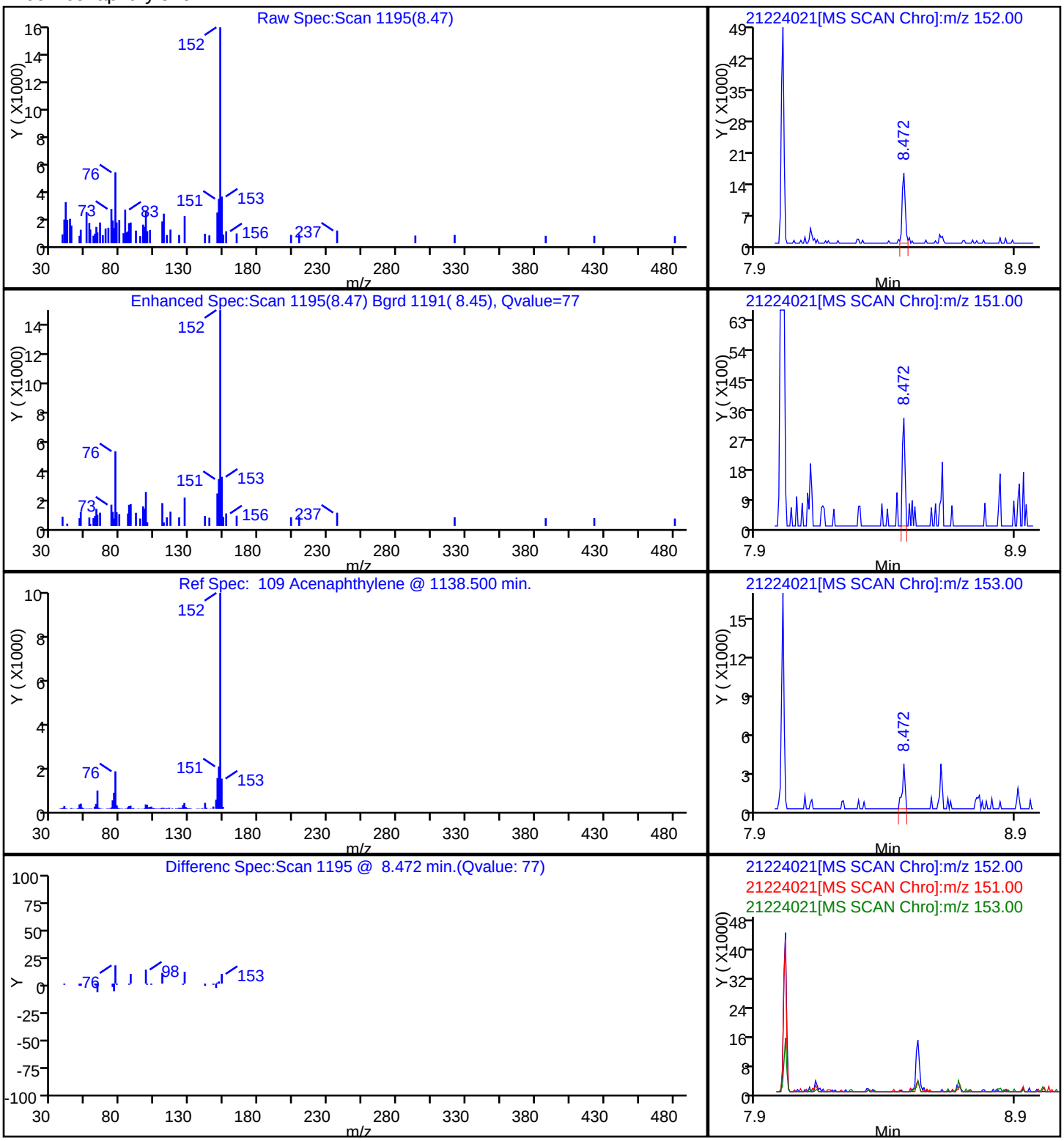
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D

Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

109 Acenaphthylene



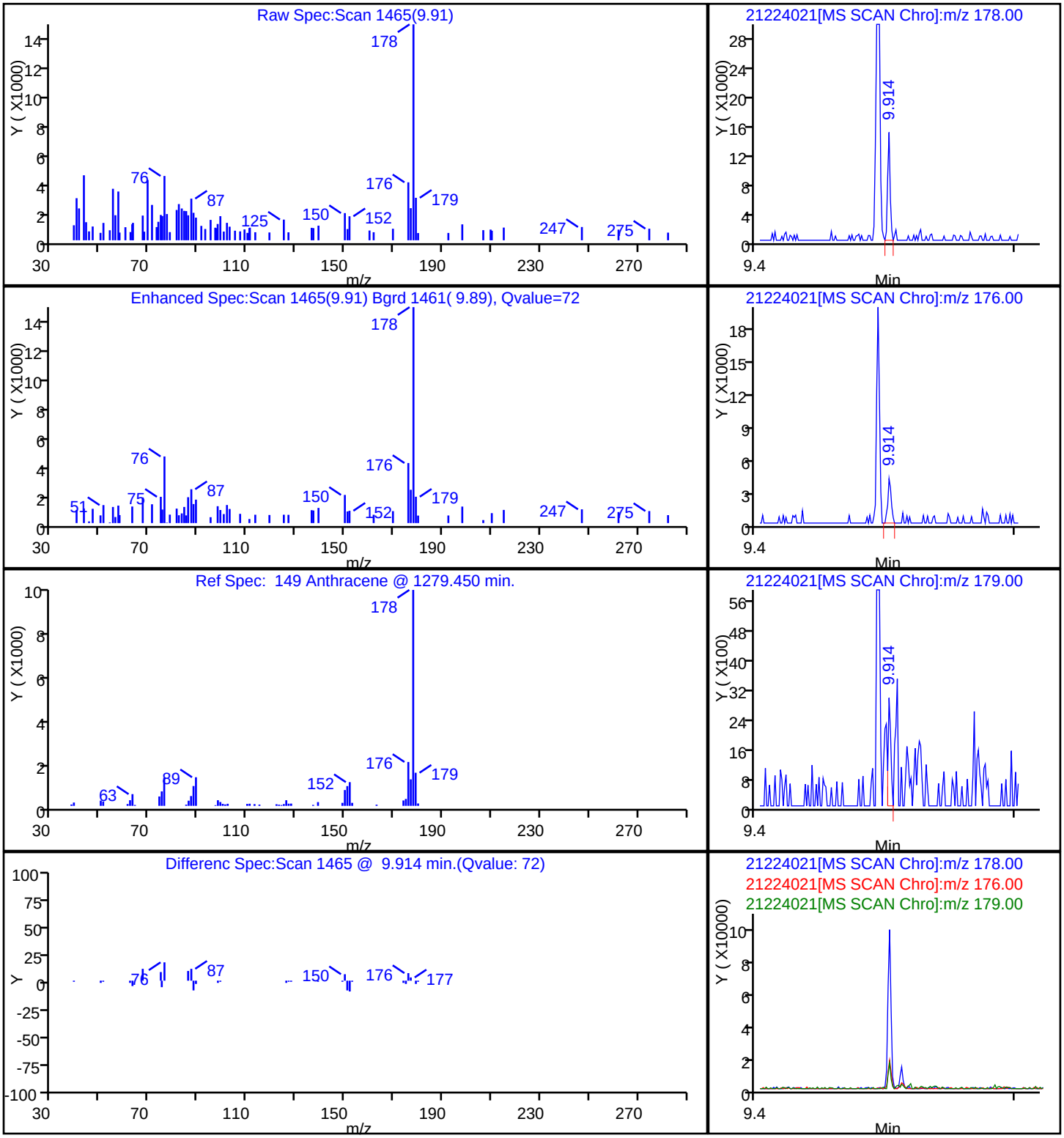
Report Date: 25-Dec-2012 12:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D

Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene



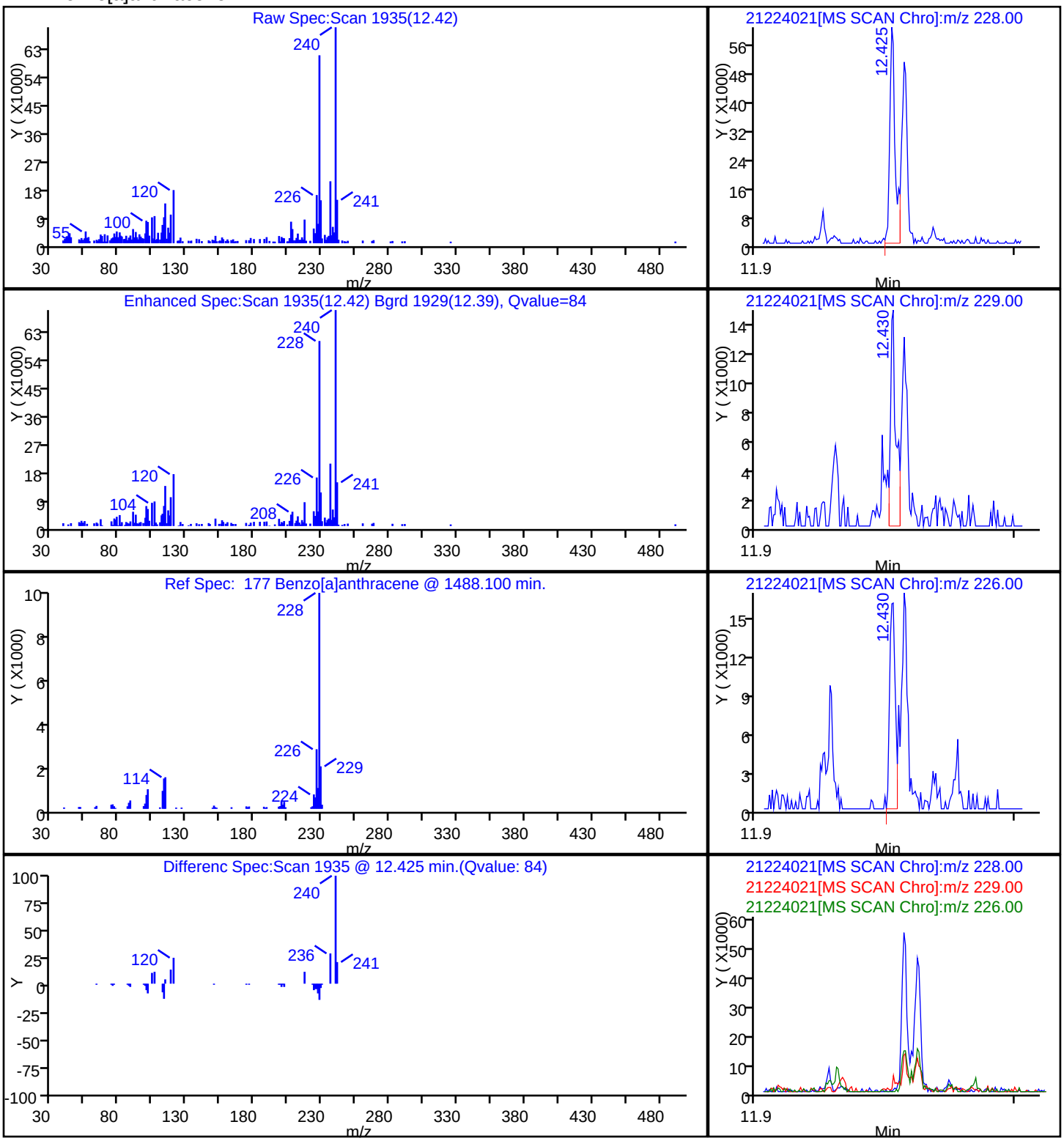
Report Date: 25-Dec-2012 12:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D

Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



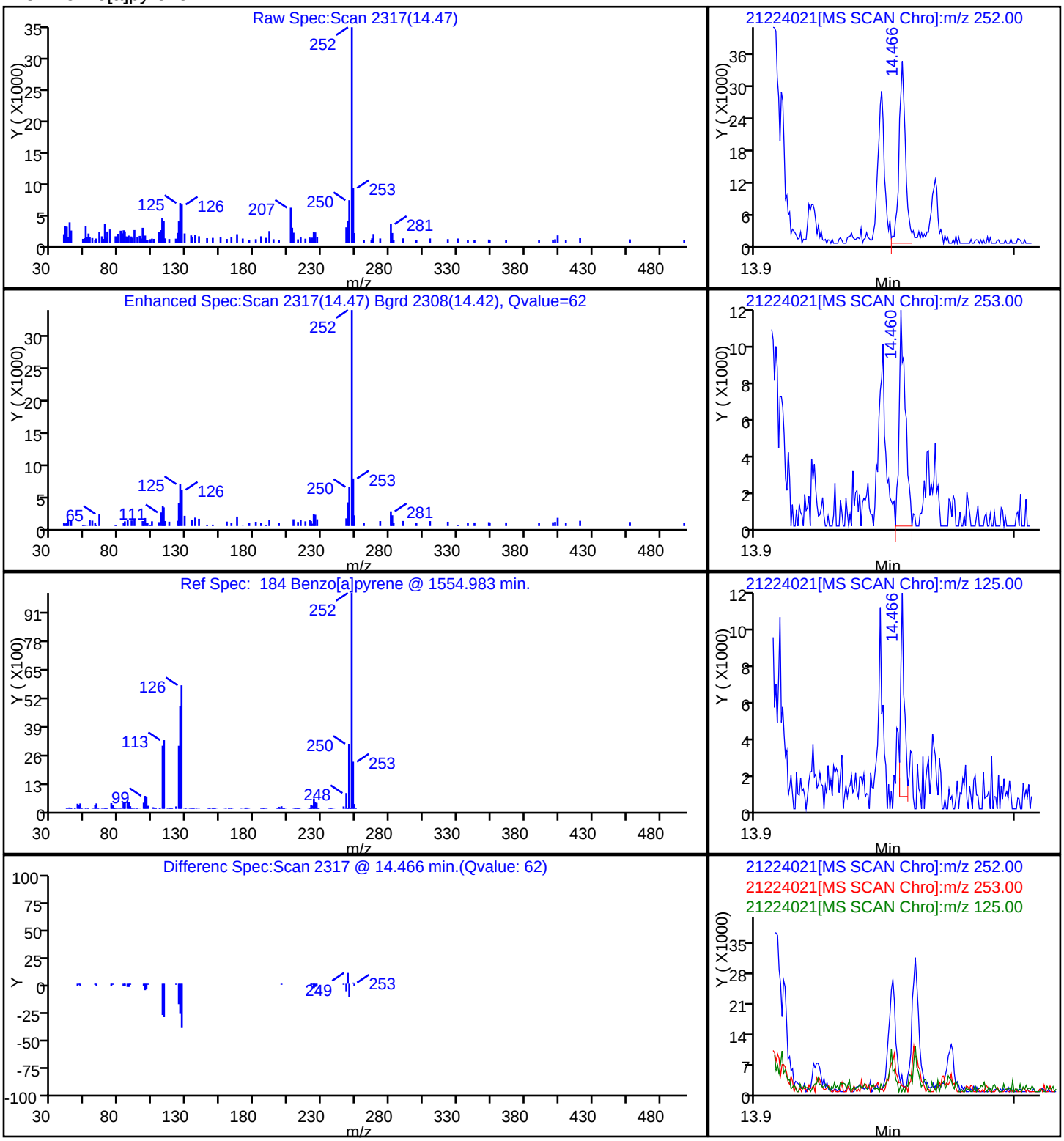
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D

Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



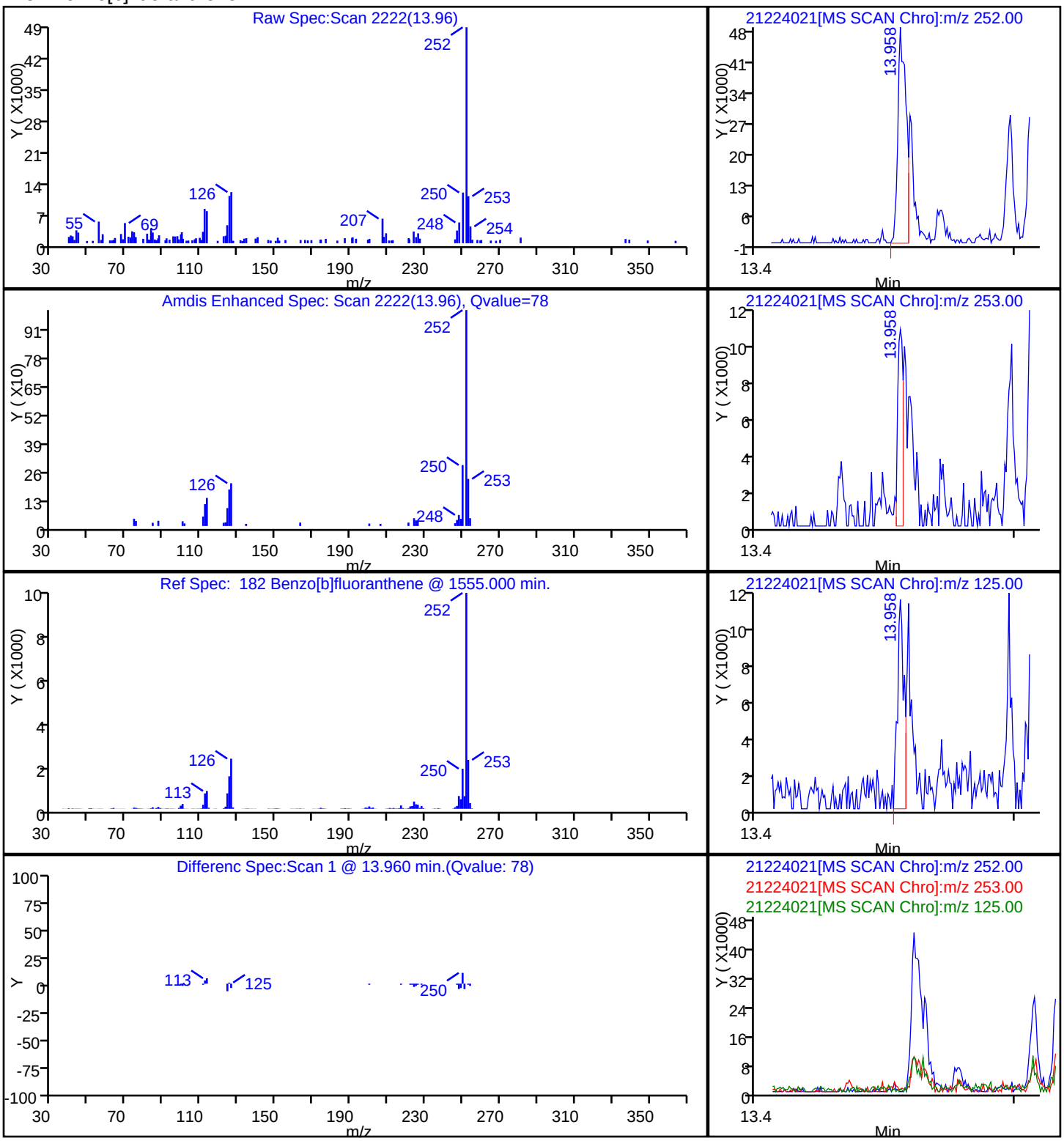
Report Date: 25-Dec-2012 12:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D

Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



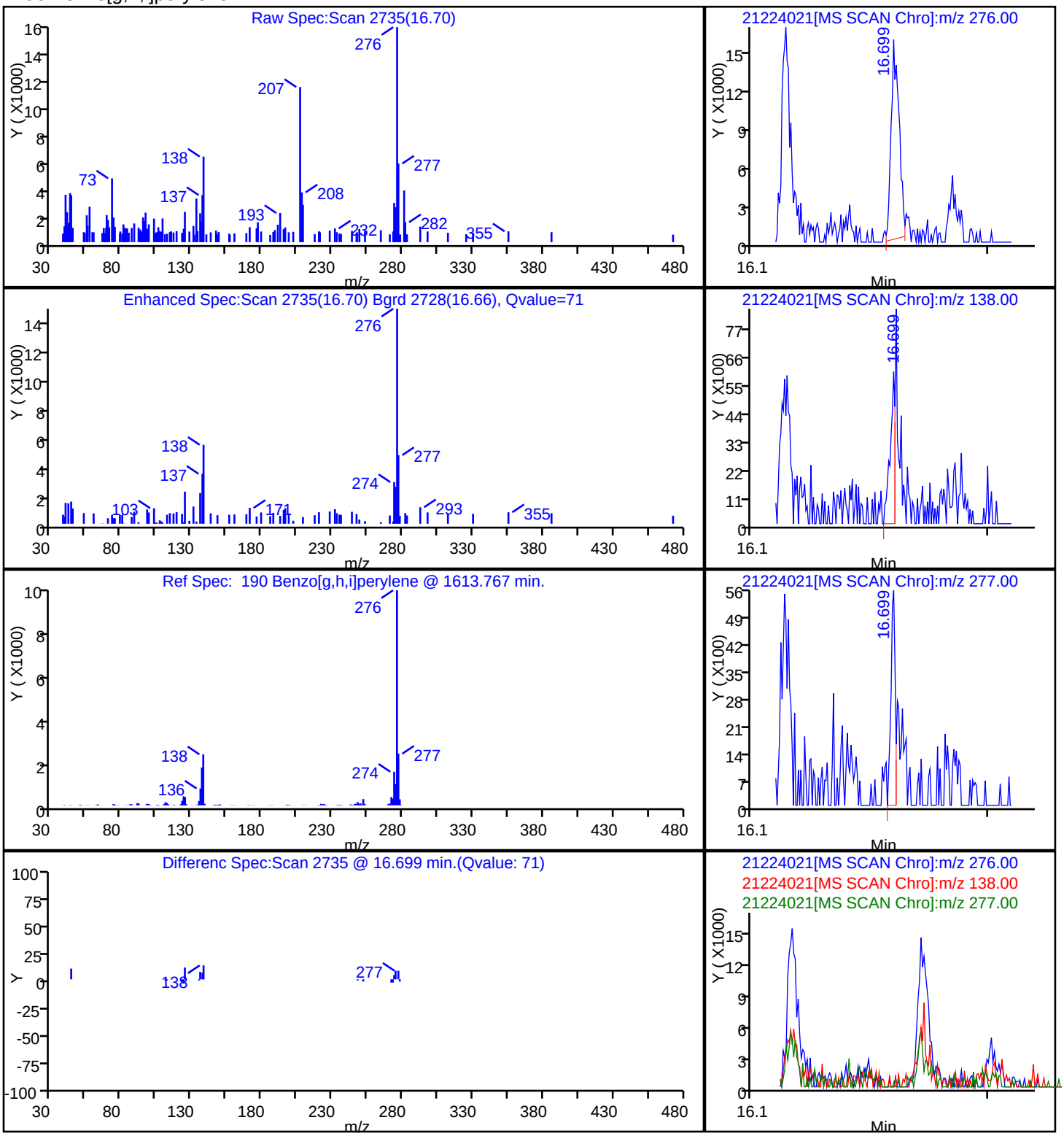
Report Date: 25-Dec-2012 12:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D

Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



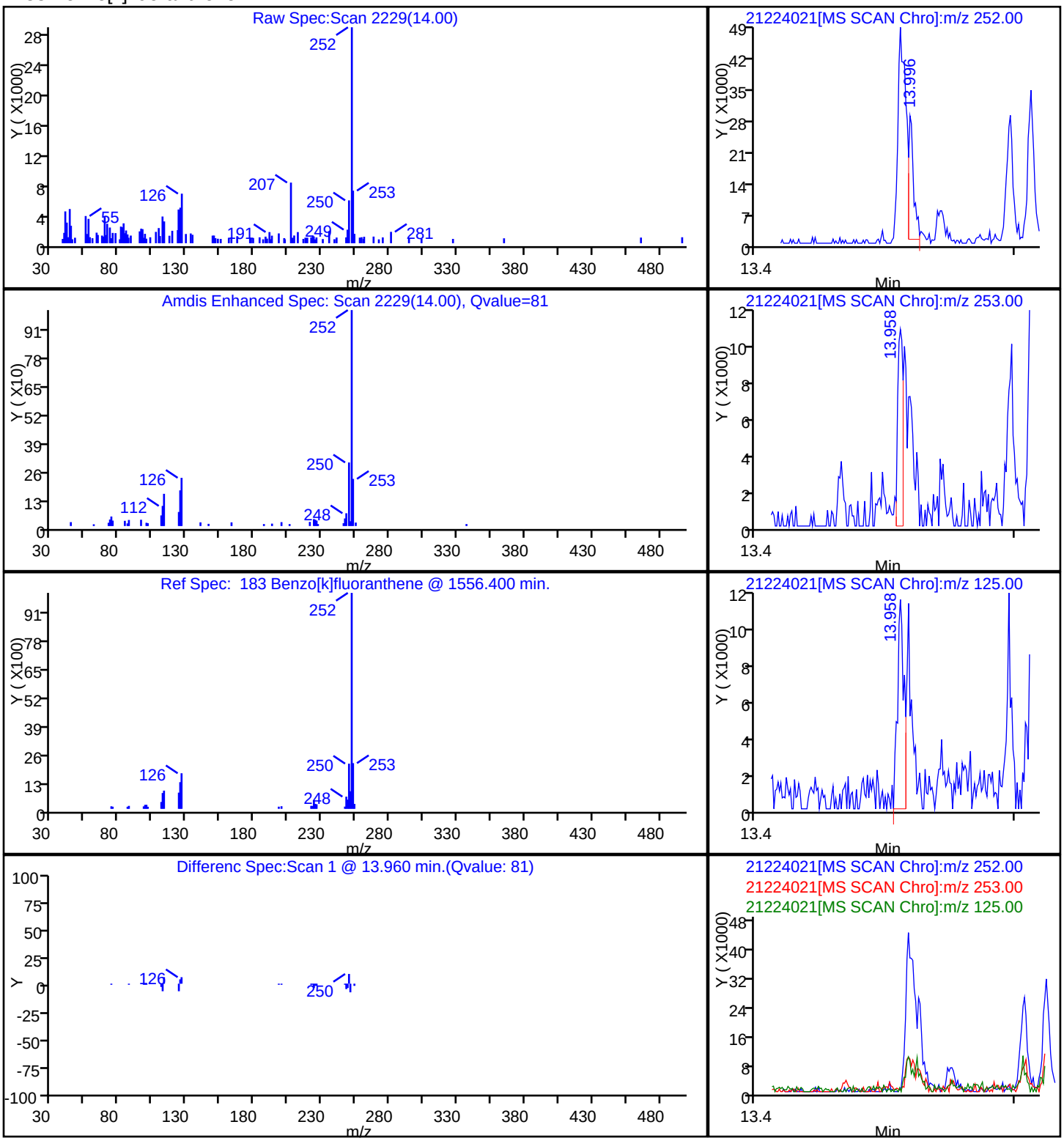
Report Date: 25-Dec-2012 12:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D

Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



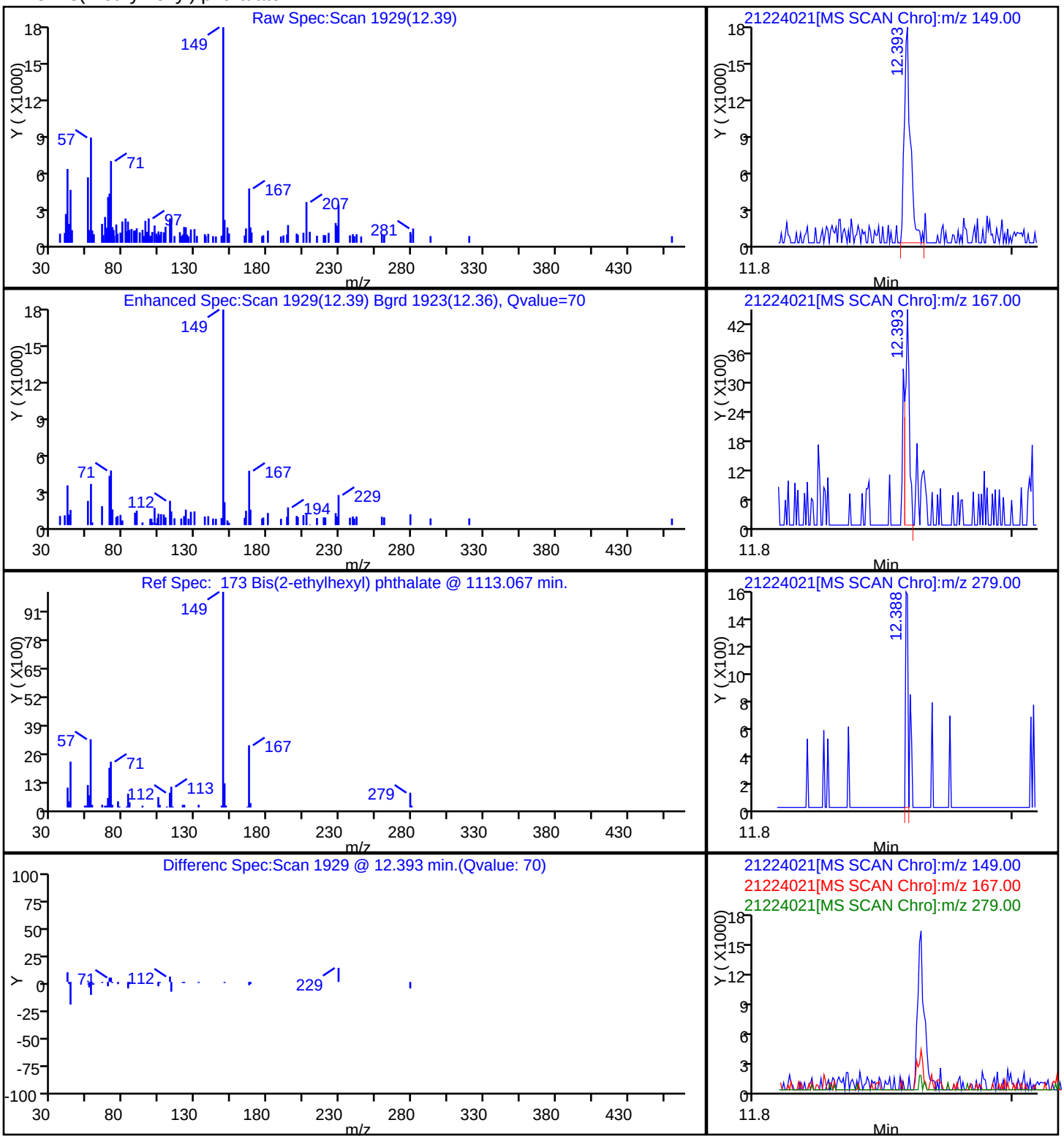
Report Date: 25-Dec-2012 12:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D

Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

173 Bis(2-ethylhexyl) phthalate



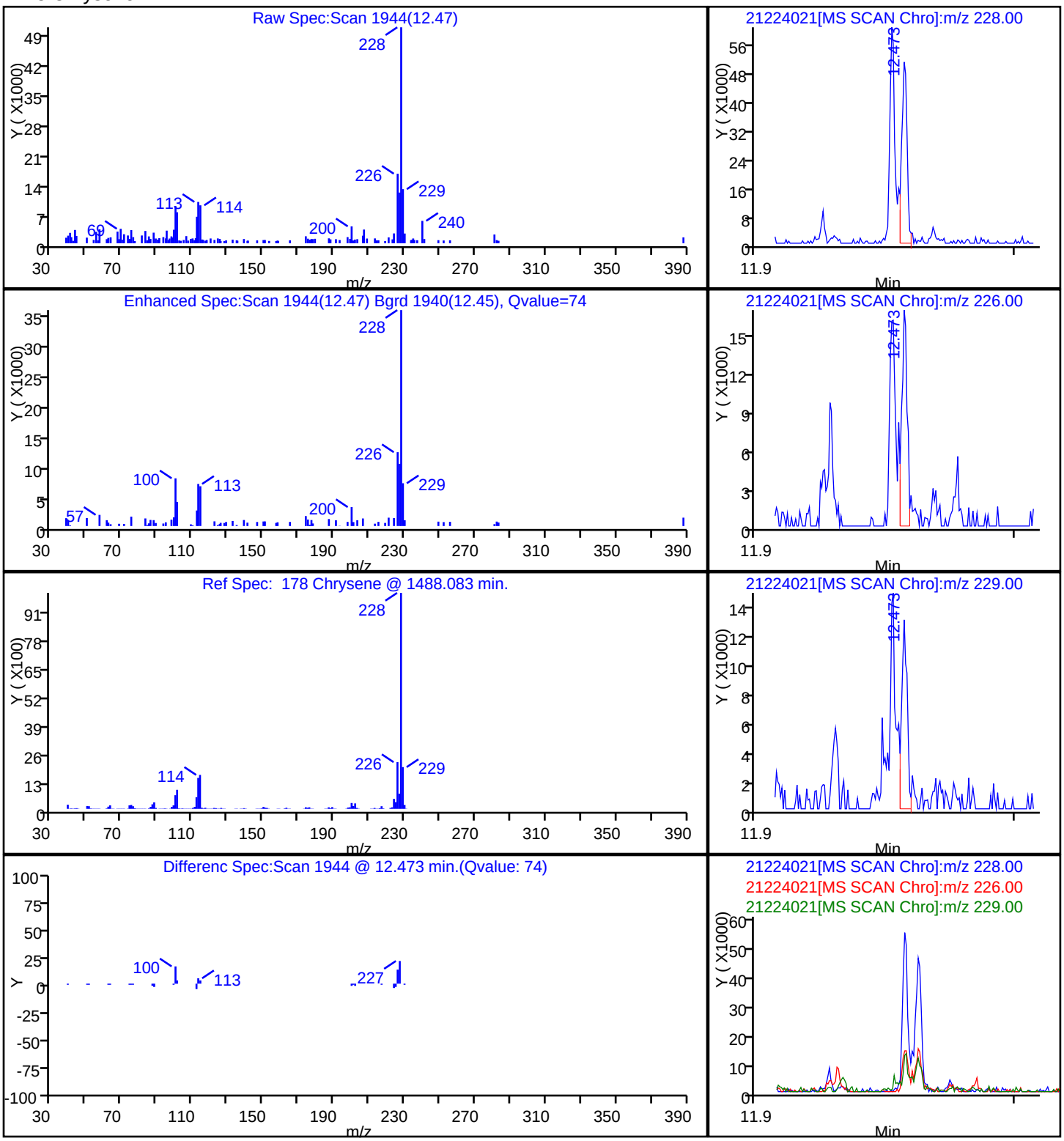
Report Date: 25-Dec-2012 12:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D

Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene



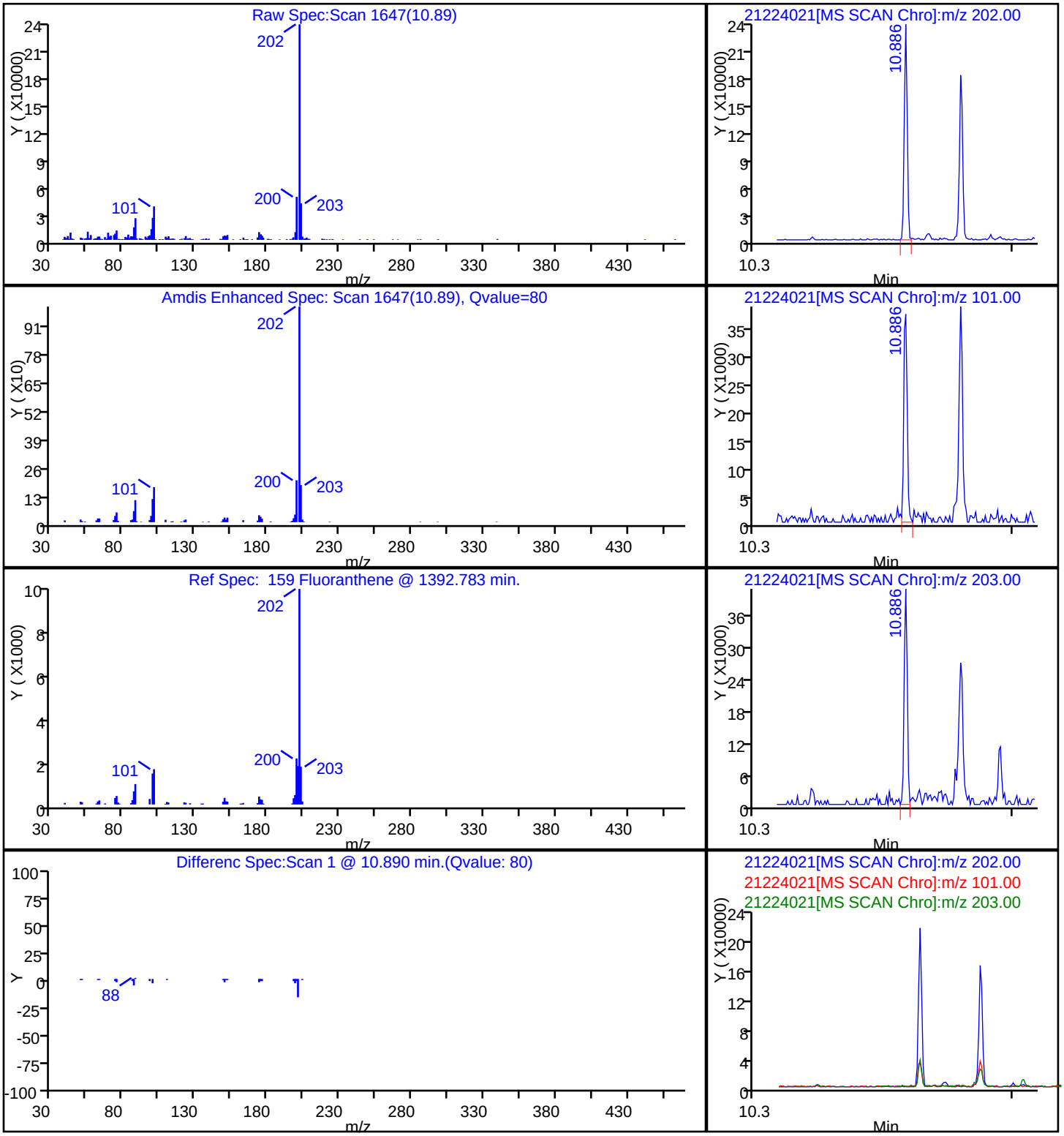
Report Date: 25-Dec-2012 12:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D

Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



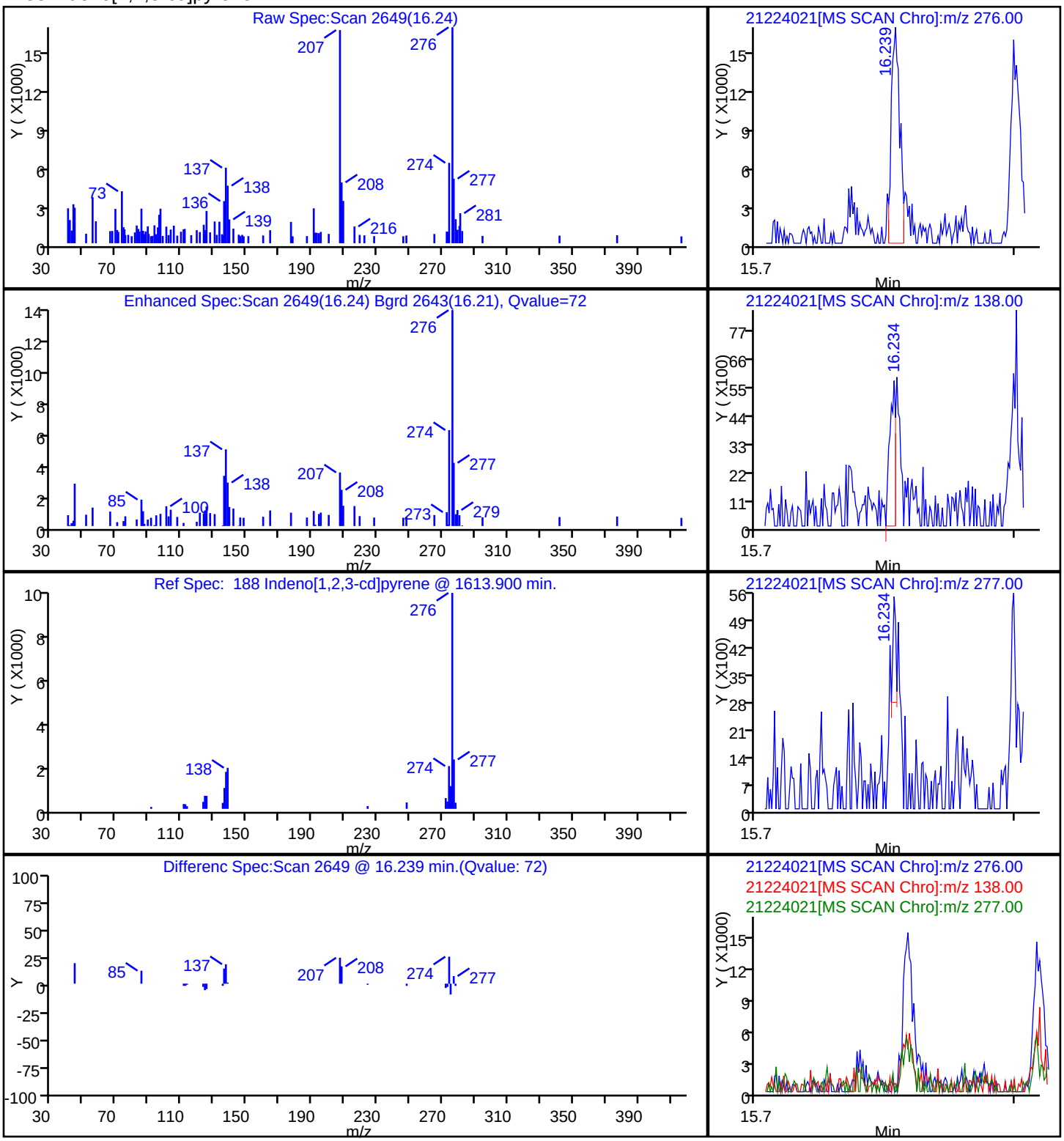
Report Date: 25-Dec-2012 12:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D

Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



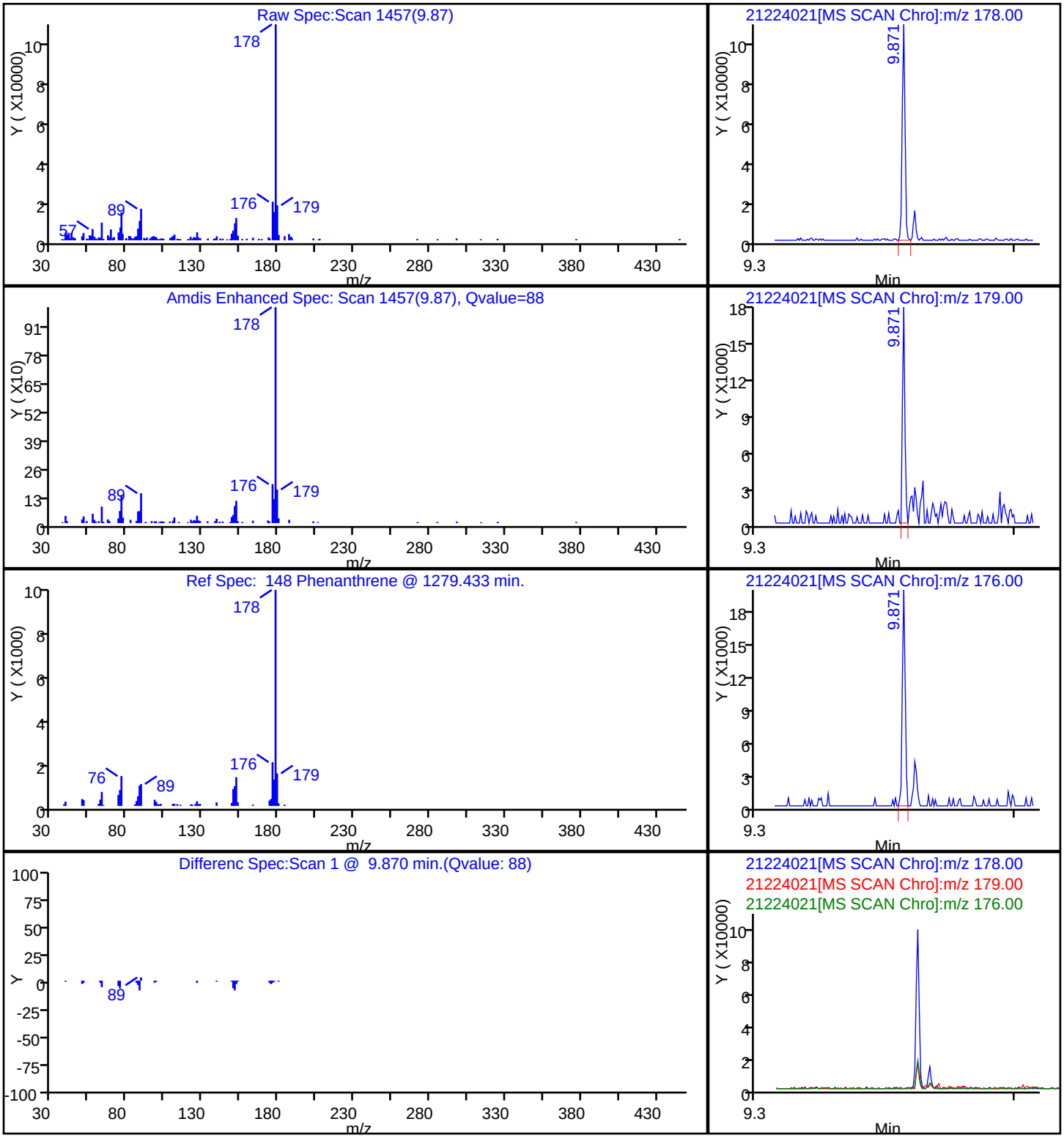
Report Date: 25-Dec-2012 12:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D

Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



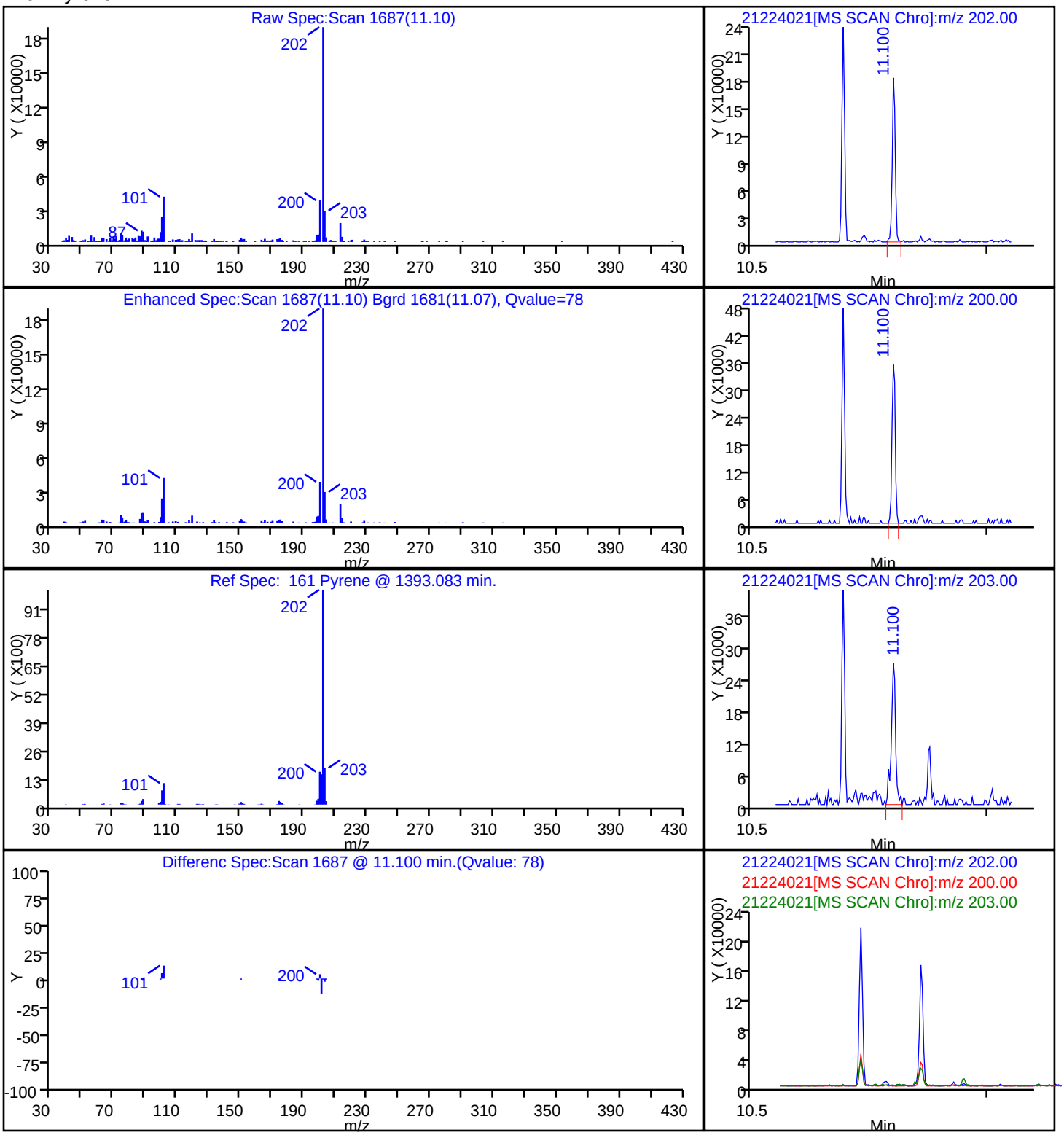
Report Date: 25-Dec-2012 12:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D

Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



Manual Integration/User Assign Peak Report

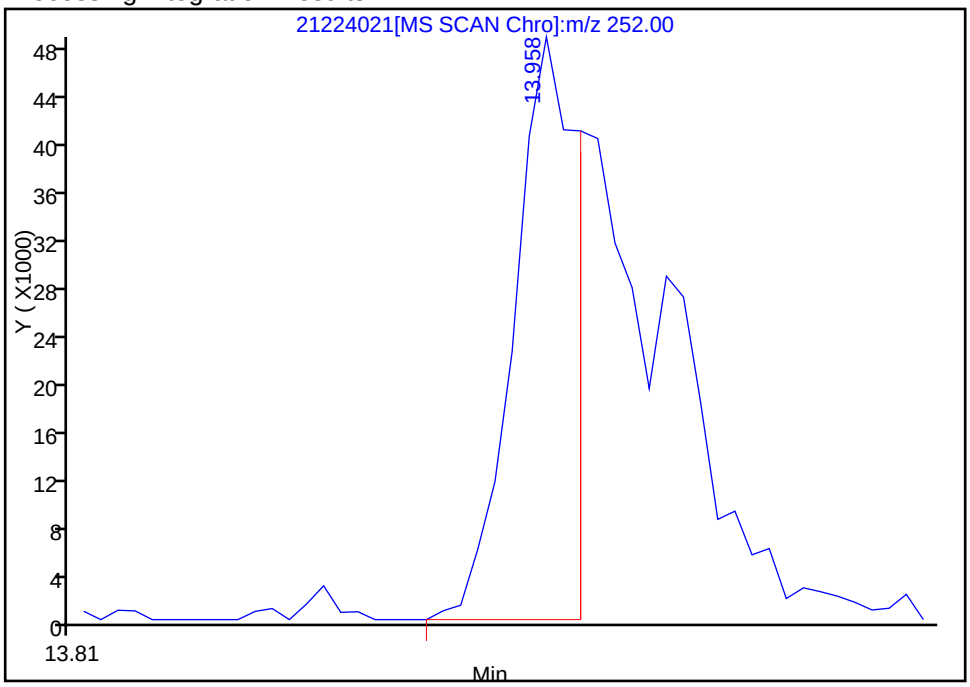
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D		
Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.96

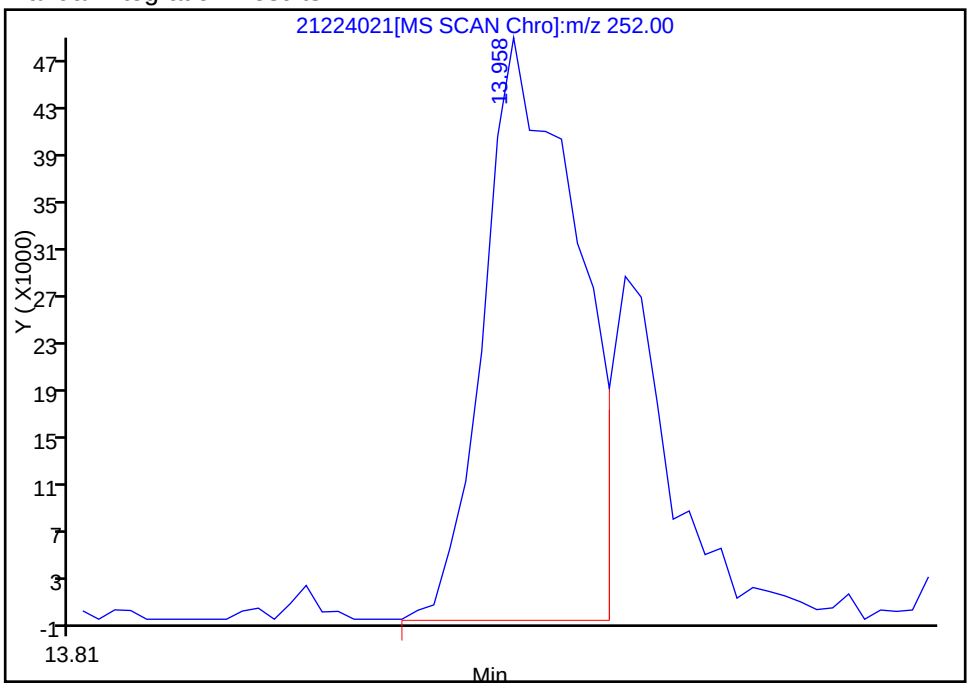
Processing Integration Results

RT: 13.96
Response: 68192
Amount: 0.521974



Manual Integration Results

RT: 13.96
Response: 106668
Amount: 0.816488



Reviewer: ulmanm, 25-Dec-2012 12:09:12
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

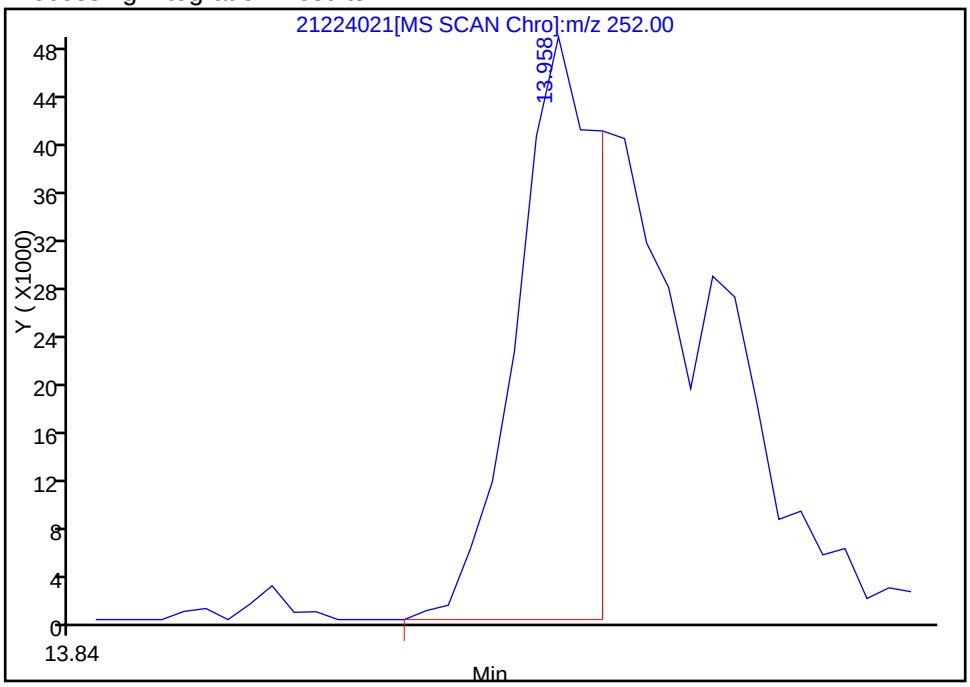
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224021.D		
Injection Date:	24-Dec-2012 18:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	21
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 14.01

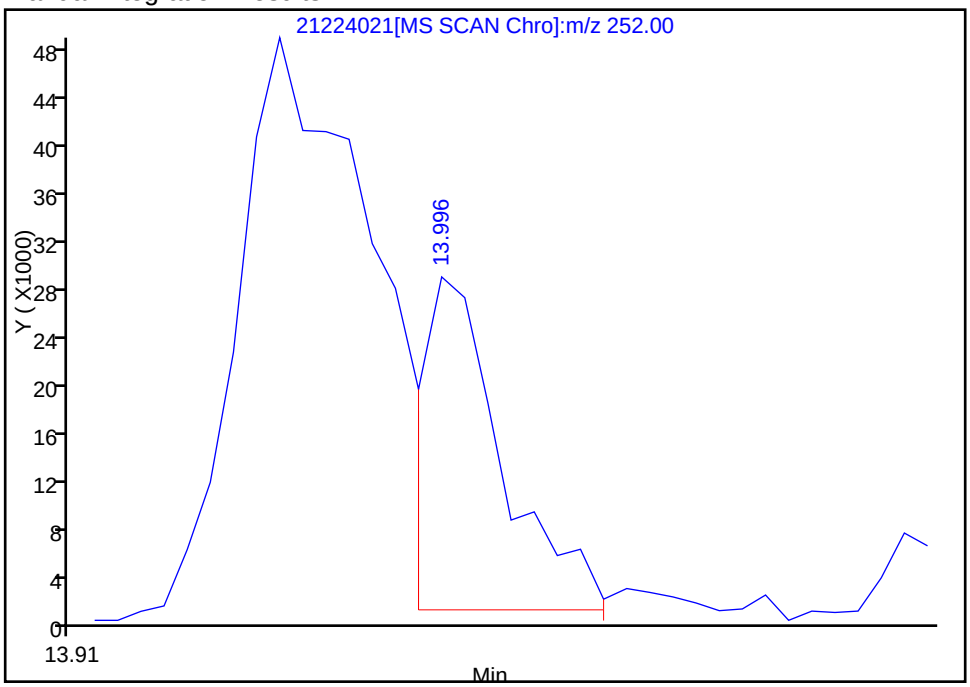
Processing Integration Results

RT: 13.96
Response: 68192
Amount: 0.513773



Manual Integration Results

RT: 14.00
Response: 37115
Amount: 0.279632



Reviewer: ulmanm, 25-Dec-2012 12:09:12
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0077-0001-SO | Lab Sample ID: 240-18703-20

Matrix: Solid | Lab File ID: 21224022.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.54(g) | Date Analyzed: 12/24/2012 18:49

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.1	U	8.2	4.1	4.1
208-96-8	Acenaphthylene	4.1	U	8.2	4.1	4.1
120-12-7	Anthracene	4.8	J	8.2	4.1	4.1
56-55-3	Benzo[a]anthracene	24		8.2	4.1	4.1
50-32-8	Benzo[a]pyrene	16		8.2	4.1	4.1
205-99-2	Benzo[b]fluoranthene	22		8.2	4.1	4.1
191-24-2	Benzo[g,h,i]perylene	20	M	8.2	4.1	4.1
65-85-0	Benzoic acid	410	U	810	410	410
207-08-9	Benzo[k]fluoranthene	8.9	M	8.2	4.1	4.1
100-51-6	Benzyl alcohol	33	U	410	33	26
111-91-1	Bis(2-chloroethoxy)methane	33	U	120	33	27
111-44-4	Bis(2-chloroethyl)ether	4.1	U	120	4.1	2.5
108-60-1	bis (2-chloroisopropyl) ether	33	U	120	33	12
117-81-7	Bis(2-ethylhexyl) phthalate	33	U	61	33	23
101-55-3	4-Bromophenyl phenyl ether	33	U	61	33	16
85-68-7	Butyl benzyl phthalate	33	U	61	33	12
86-74-8	Carbazole	33	U	61	33	33
106-47-8	4-Chloroaniline	33	U	180	33	21
59-50-7	4-Chloro-3-methylphenol	33	U	180	33	26
91-58-7	2-Chloronaphthalene	4.1	U	61	4.1	4.1
95-57-8	2-Chlorophenol	33	U	61	33	33
7005-72-3	4-Chlorophenyl phenyl ether	33	U	61	33	16
218-01-9	Chrysene	17	M	8.2	4.1	1.4
53-70-3	Dibenz(a,h)anthracene	4.1	U	8.2	4.1	4.1
132-64-9	Dibenzofuran	4.1	U	61	4.1	4.1
95-50-1	1,2-Dichlorobenzene	33	U	61	33	12
541-73-1	1,3-Dichlorobenzene	33	U	61	33	14
106-46-7	1,4-Dichlorobenzene	33	U	61	33	25
91-94-1	3,3'-Dichlorobenzidine	98	U	120	98	22
120-83-2	2,4-Dichlorophenol	33	U	180	33	25
84-66-2	Diethyl phthalate	33	U	61	33	20
105-67-9	2,4-Dimethylphenol	98	U	180	98	25
131-11-3	Dimethyl phthalate	33	U	61	33	21
84-74-2	Di-n-butyl phthalate	33	U	61	33	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0077-0001-SO | Lab Sample ID: 240-18703-20

Matrix: Solid | Lab File ID: 21224022.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.54(g) | Date Analyzed: 12/24/2012 18:49

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	98	U	180	98	98
51-28-5	2,4-Dinitrophenol	98	U	410	98	98
121-14-2	2,4-Dinitrotoluene	33	U	250	33	33
606-20-2	2,6-Dinitrotoluene	33	U	250	33	26
117-84-0	Di-n-octyl phthalate	33	U	61	33	33
206-44-0	Fluoranthene	34		8.2	4.1	4.1
86-73-7	Fluorene	4.1	U	8.2	4.1	4.1
118-74-1	Hexachlorobenzene	4.1	U	8.2	4.1	2.6
87-68-3	Hexachlorobutadiene	33	U	61	33	33
77-47-4	Hexachlorocyclopentadiene	33	U	410	33	33
67-72-1	Hexachloroethane	33	U	61	33	11
193-39-5	Indeno[1,2,3-cd]pyrene	10	M	8.2	4.1	4.1
78-59-1	Isophorone	33	U	61	33	16
91-57-6	2-Methylnaphthalene	4.1	U	8.2	4.1	4.1
95-48-7	2-Methylphenol	98	U	250	98	98
15831-10-4	3 & 4 Methylphenol	98	U	490	98	25
91-20-3	Naphthalene	4.1	U	8.2	4.1	4.1
88-74-4	2-Nitroaniline	33	U	250	33	11
99-09-2	3-Nitroaniline	98	U	250	98	20
100-01-6	4-Nitroaniline	33	U	250	33	32
98-95-3	Nitrobenzene	4.1	U	120	4.1	2.7
88-75-5	2-Nitrophenol	33	U	61	33	33
100-02-7	4-Nitrophenol	98	U	410	98	98
621-64-7	N-Nitrosodi-n-propylamine	33	U	61	33	33
86-30-6	N-Nitrosodiphenylamine	33	U	61	33	26
87-86-5	Pentachlorophenol	98	U	180	98	98
85-01-8	Phenanthrene	21		8.2	4.1	4.1
108-95-2	Phenol	33	U	61	33	33
129-00-0	Pyrene	26		8.2	4.1	4.1
120-82-1	1,2,4-Trichlorobenzene	33	U	61	33	33
95-95-4	2,4,5-Trichlorophenol	33	U	180	33	31
88-06-2	2,4,6-Trichlorophenol	98	U	180	98	98

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0077-0001-SO | Lab Sample ID: 240-18703-20

Matrix: Solid | Lab File ID: 21224022.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 14:00

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.54(g) | Date Analyzed: 12/24/2012 18:49

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	49		45-105
367-12-4	2-Fluorophenol (Surr)	72		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	57		35-100
4165-62-2	Phenol-d5 (Surr)	70		40-100
1718-51-0	Terphenyl-d14 (Surr)	67		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	49		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D
Lims ID: 240-18703-I-20-A
Client ID: 072SB-0077-0001-SO
Inject. Date: 24-Dec-2012 18:49:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-022
Misc. Info.: 240-18703-I-20-A =240-18703-I-20-A
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 22
Lims Batch ID: 69988
Lims Sample ID: 22
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26
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: XAWRK027

First Level Reviewer: ulmanm
Date: 25-Dec-2012 12:15:43

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.988	5.988	0.0	94	121444	4.00	
* 2 Naphthalene-d8	136	7.094	7.094	0.0	98	485736	4.00	
* 3 Acenaphthene-d10	164	8.590	8.589	0.001	80	291342	4.00	
* 4 Phenanthrene-d10	188	9.850	9.856	-0.006	94	503617	4.00	
* 5 Chrysene-d12	240	12.441	12.446	-0.005	75	481754	4.00	
* 6 Perylene-d12	264	14.552	14.557	-0.005	87	375836	4.00	
$ 7 2-Fluorophenol	112	4.765	4.748	0.017	92	441711	10.8	
$ 8 Phenol-d5	99	5.630	5.625	0.005	0	627567	10.4	
$ 9 Nitrobenzene-d5	82	6.469	6.469	0.0	85	421125	5.67	
$ 10 2-Fluorobiphenyl (Surr)	172	8.002	8.002	0.0	99	575229	4.93	
$ 11 2,4,6-Tribromophenol	330	9.252	9.257	-0.005	80	73597	7.35	
$ 12 Terphenyl-d14	244	11.218	11.223	-0.005	83	727255	6.67	
43 Phenol	94		5.635					9
69 Bis(2-chloroethyl)ether	93		5.737					9
46 2-Chlorophenol	128		5.796					
47 1,3-Dichlorobenzene	146		5.940					9
48 1,4-Dichlorobenzene	146		6.004					9
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					9
21 3 & 4 Methylphenol	108		6.308					
57 N-Nitrosodi-n-propylamine	70		6.324					9
61 Hexachloroethane	117		6.437					
62 Nitrobenzene	77		6.485					9
64 Isophorone	82		6.688					9
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					
71 Benzoic acid	122		6.827					9
70 Bis(2-chloroethoxy)methane	93		6.859					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.960					
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128		7.115					
76 4-Chloroaniline	127		7.147					
79 Hexachlorobutadiene	225		7.211					
86 4-Chloro-3-methylphenol	107		7.532					
87 2-Methylnaphthalene	142		7.703					9
89 Hexachlorocyclopentadiene	237		7.831					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65		8.189					
105 Dimethyl phthalate	163		8.328					
107 2,6-Dinitrotoluene	165		8.386					9
109 Acenaphthylene	152		8.472					
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153		8.622					9
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					9
114 2,4-Dinitrotoluene	165		8.728					9
116 Dibenzofuran	168		8.766					9
121 Diethyl phthalate	149		8.921					9
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166		9.054					9
128 4,6-Dinitro-2-methylphenol	198		9.076					
131 N-Nitrosodiphenylamine	169		9.134					
139 4-Bromophenyl phenyl ether	248		9.455					
141 Hexachlorobenzene	284		9.519					
143 Pentachlorophenol	266		9.679					
148 Phenanthrene	178	9.872	9.877	-0.005	58	36132	0.2581	
149 Anthracene	178	9.915	9.920	-0.005	28	8156	0.0590	
151 Carbazole	167		10.043					9
154 Di-n-butyl phthalate	149		10.299					
159 Fluoranthene	202	10.887	10.892	-0.005	74	64208	0.4160	
161 Pyrene	202	11.101	11.106	-0.006	92	50518	0.3223	
168 Butyl benzyl phthalate	149		11.709					
175 3,3'-Dichlorobenzidine	252		12.372					
173 Bis(2-ethylhexyl) phthalate	149	12.388	12.393	-0.005	81	19837	0.2239	
177 Benzo[a]anthracene	228	12.431	12.430	0.001	27	29933	0.2972	
178 Chrysene	228	12.473	12.479	-0.006	64	27960	0.2072	M
180 Di-n-octyl phthalate	149		13.323					
182 Benzo[b]fluoranthene	252	13.959	13.964	-0.005	74	33582	0.2679	
183 Benzo[k]fluoranthene	252	13.991	14.006	-0.015	74	13766	0.1081	M
184 Benzo[a]pyrene	252	14.466	14.471	-0.005	57	22061	0.1935	
188 Indeno[1,2,3-cd]pyrene	276	16.234	16.250	-0.016	45	15630	0.1238	M
189 Dibenz(a,h)anthracene	278		16.282					9
190 Benzo[g,h,i]perylene	276	16.704	16.726	-0.022	0	14704	0.2450	M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

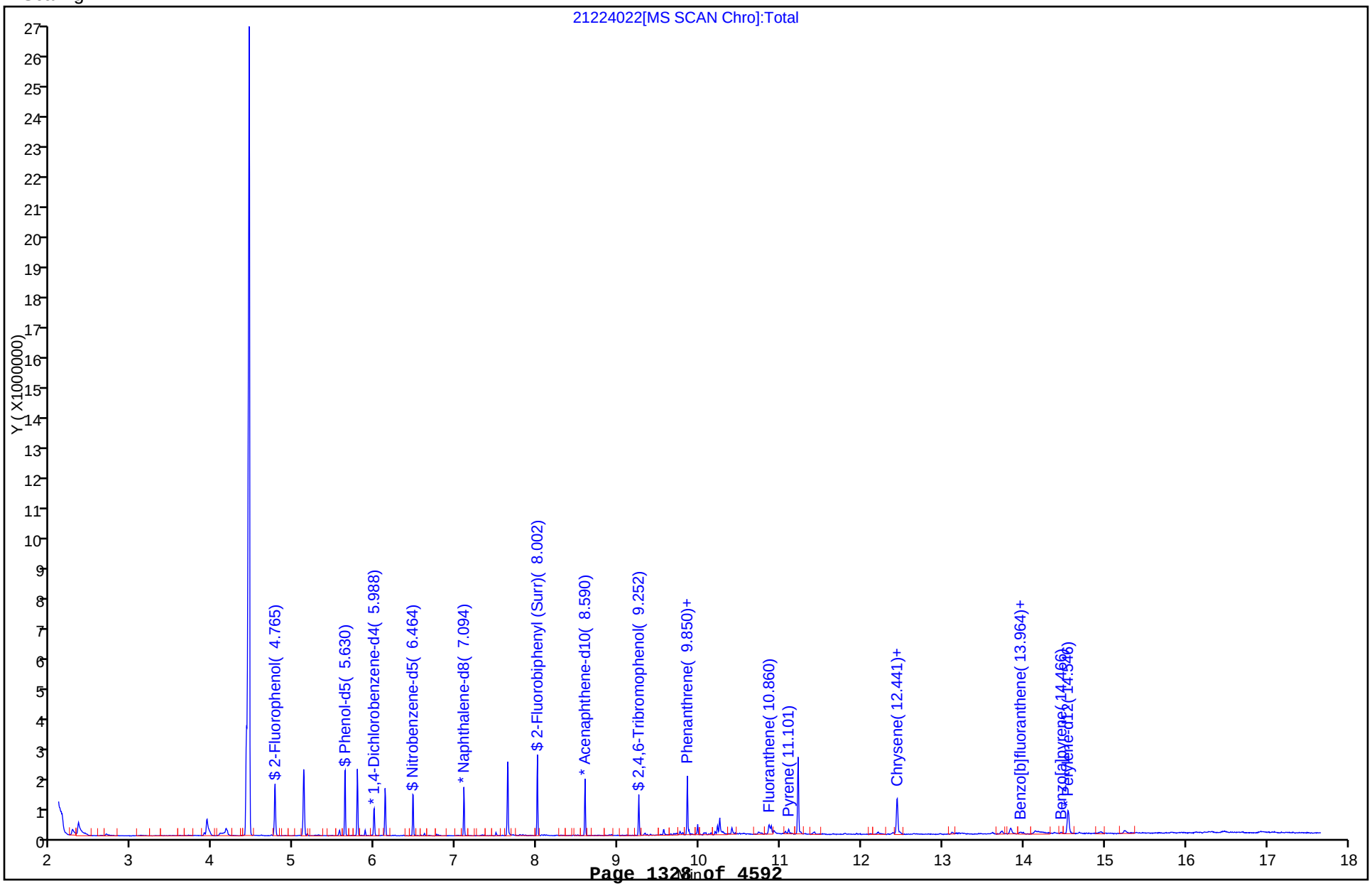
Report Date: 25-Dec-2012 12:56:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D

Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



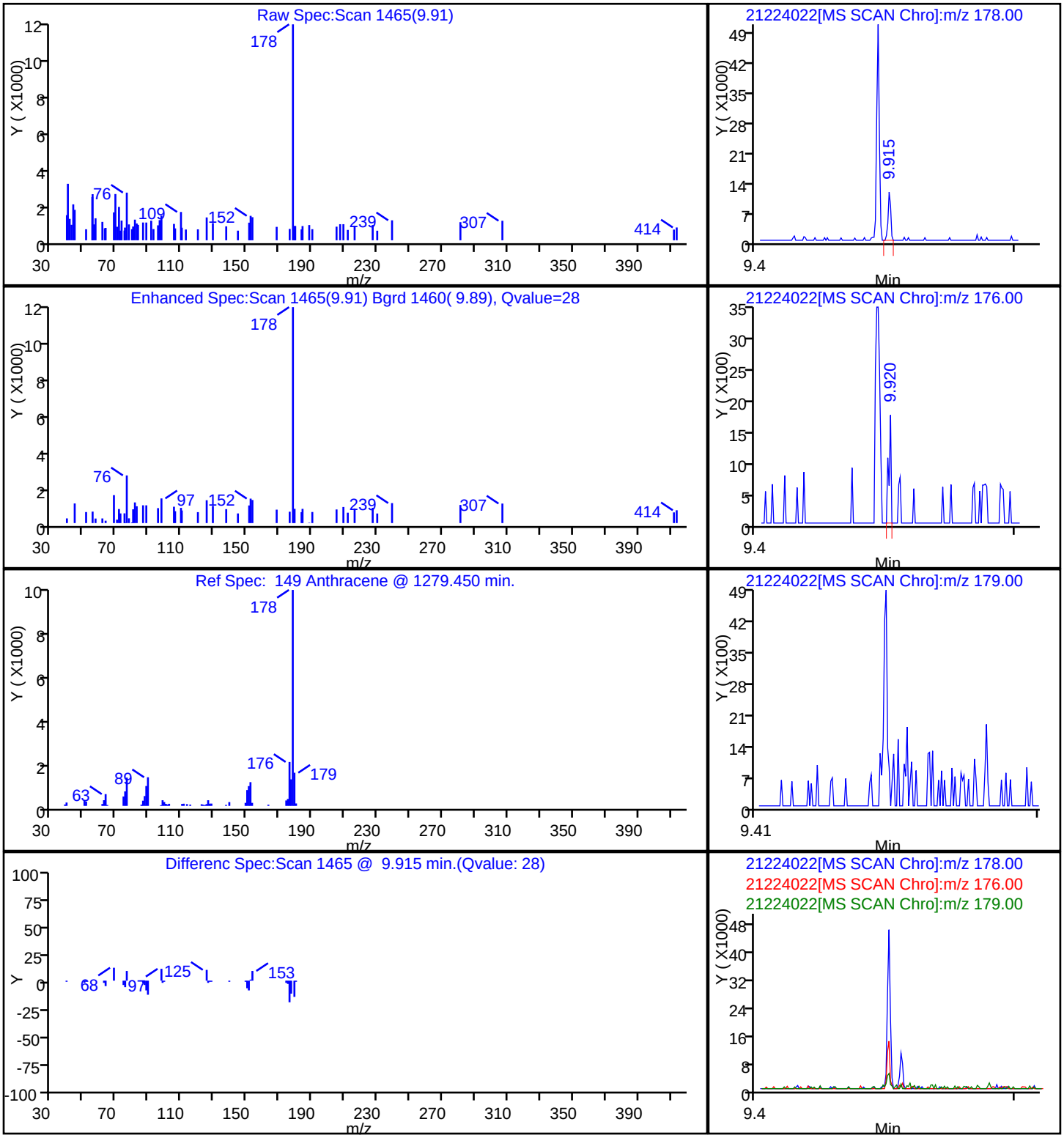
Report Date: 25-Dec-2012 12:56:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D

Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene



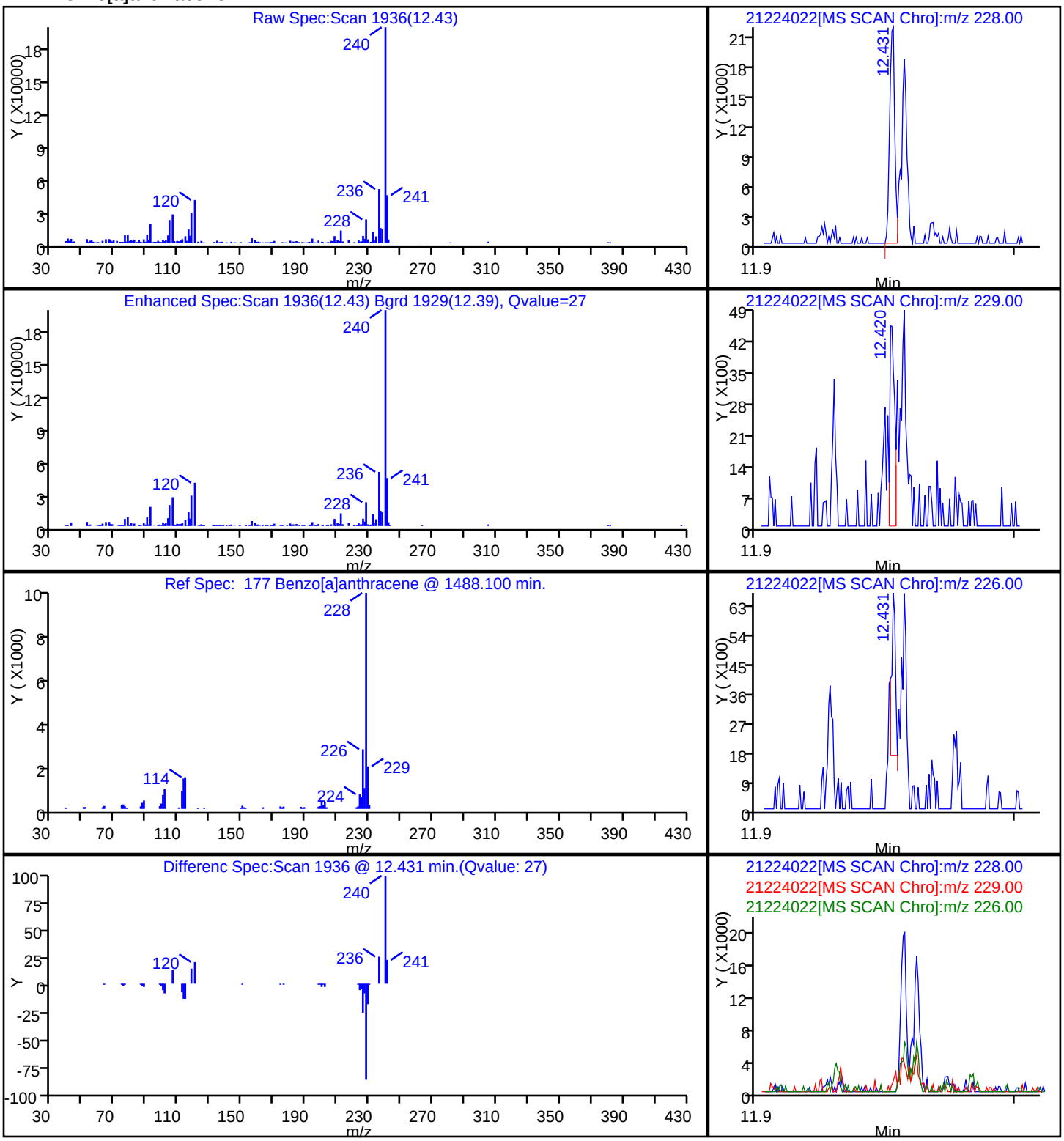
Report Date: 25-Dec-2012 12:56:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D

Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



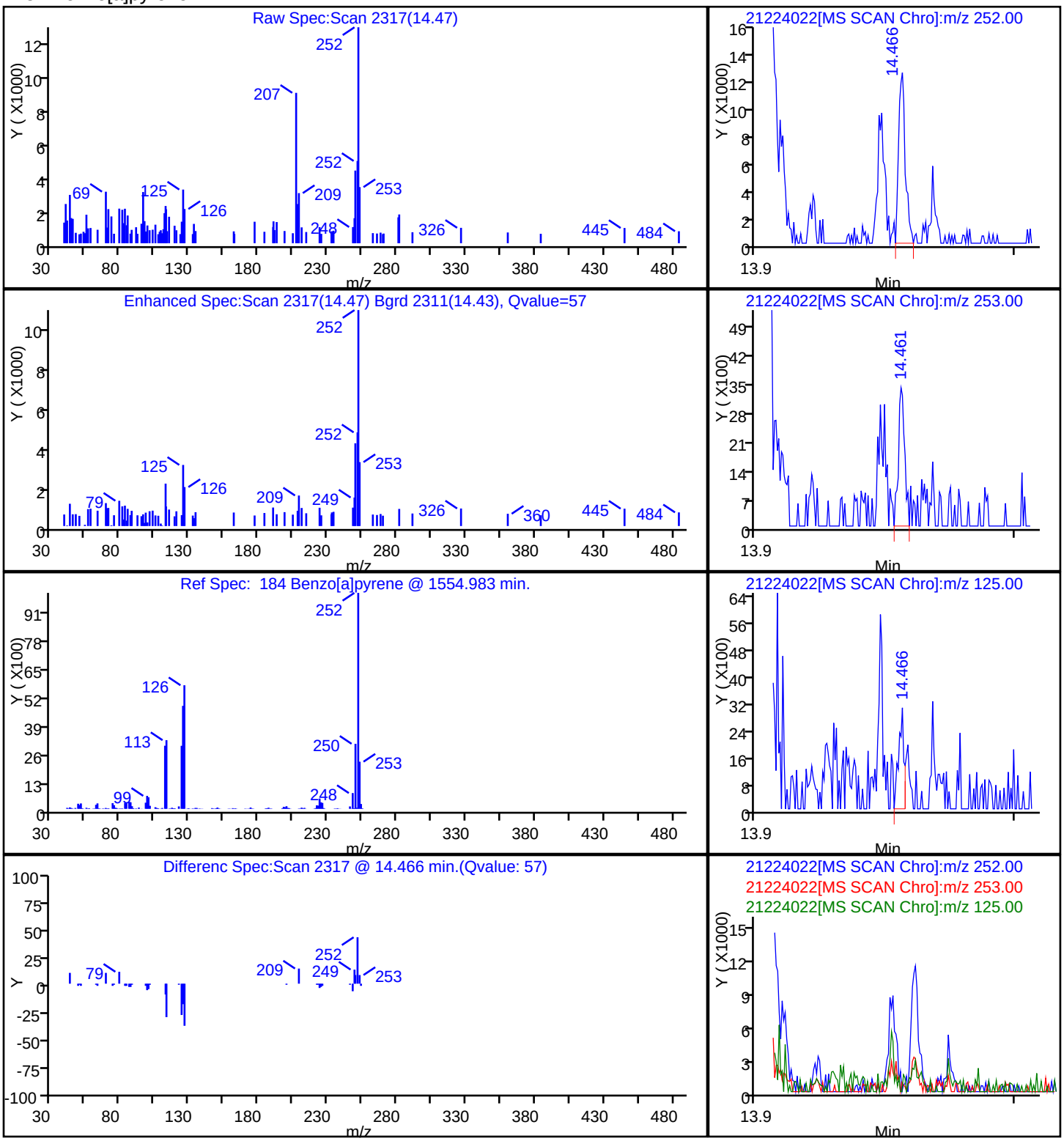
Report Date: 25-Dec-2012 12:56:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D

Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



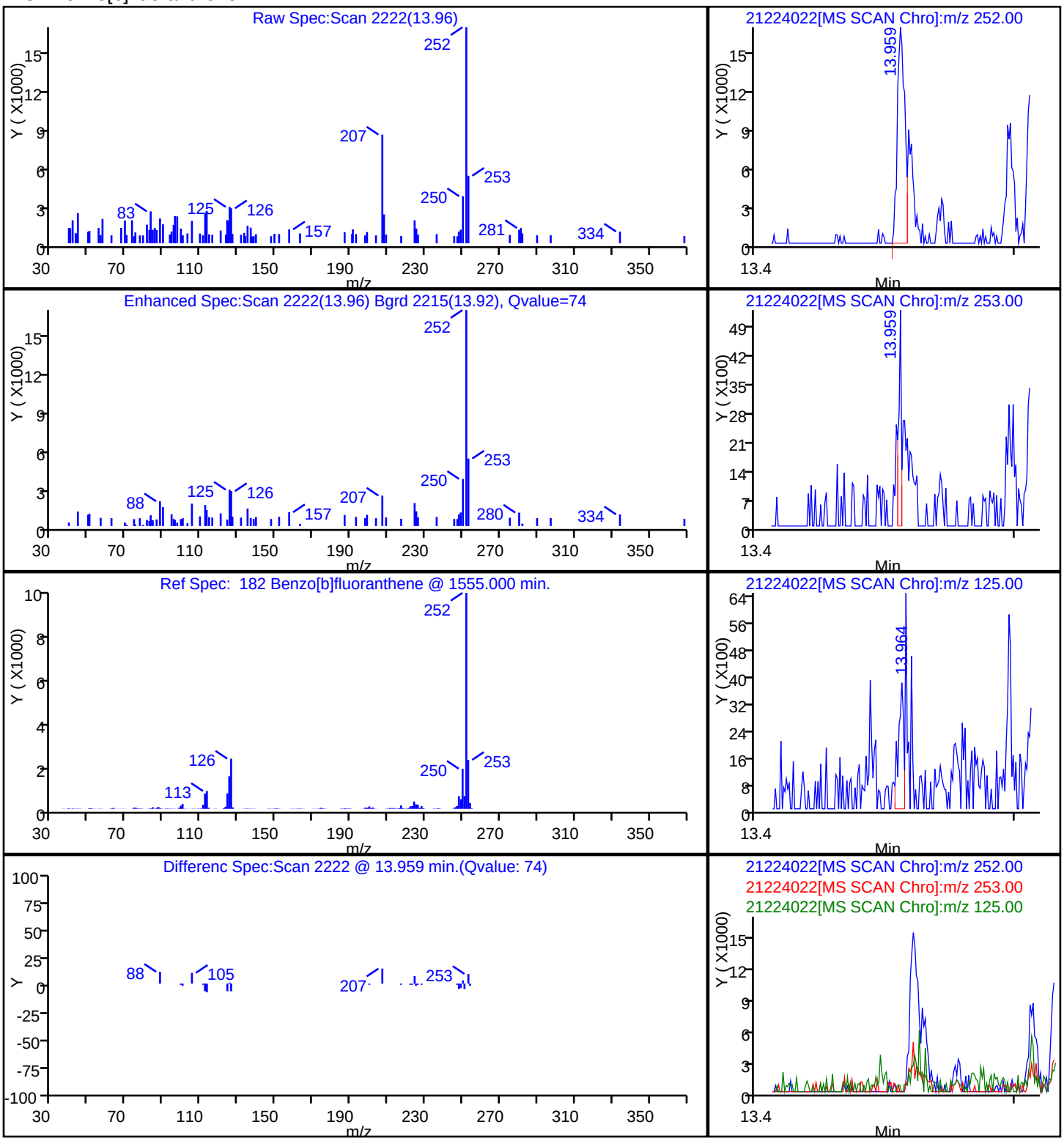
Report Date: 25-Dec-2012 12:56:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D

Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene

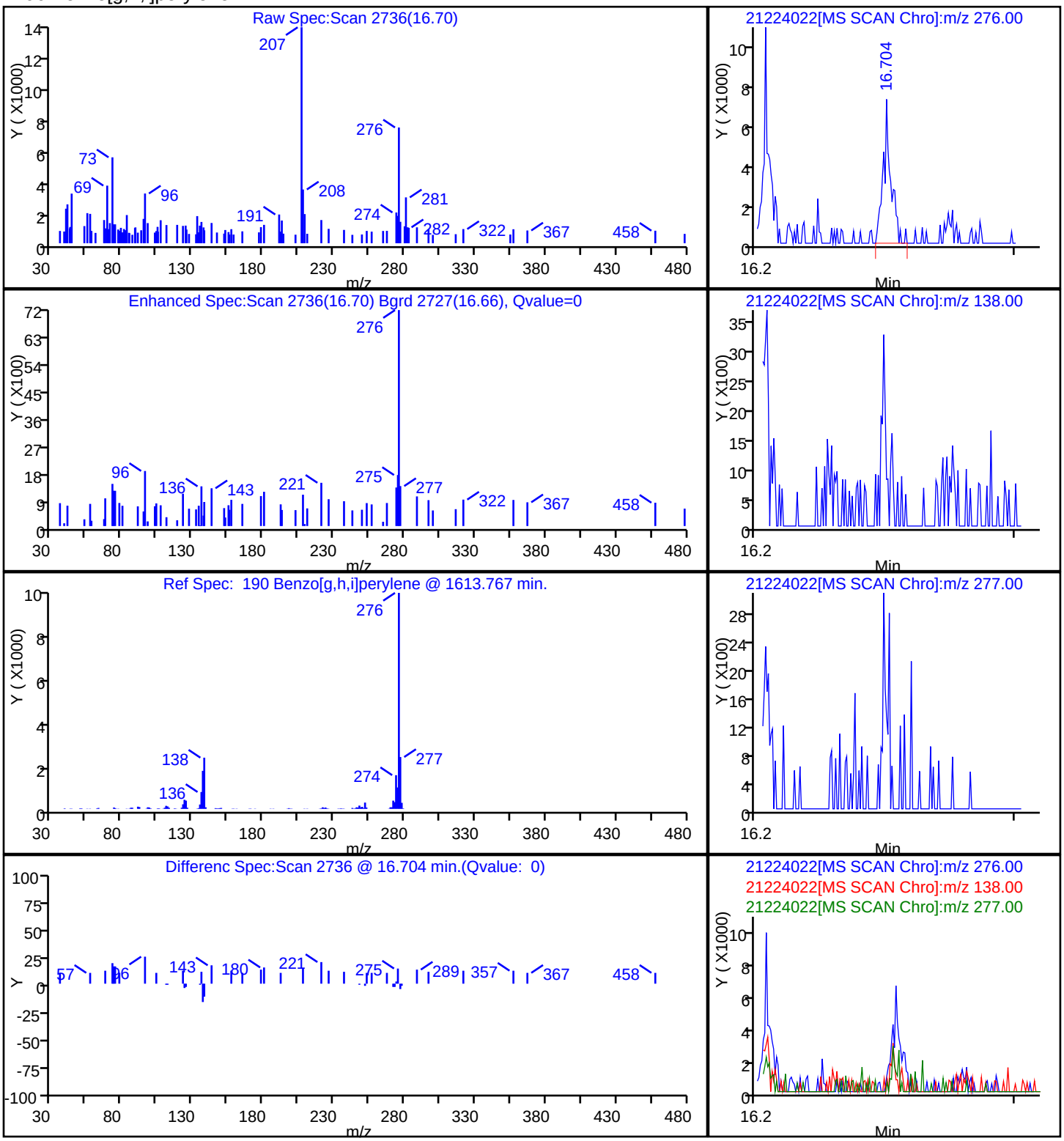


Report Date: 25-Dec-2012 12:56:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D		
Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



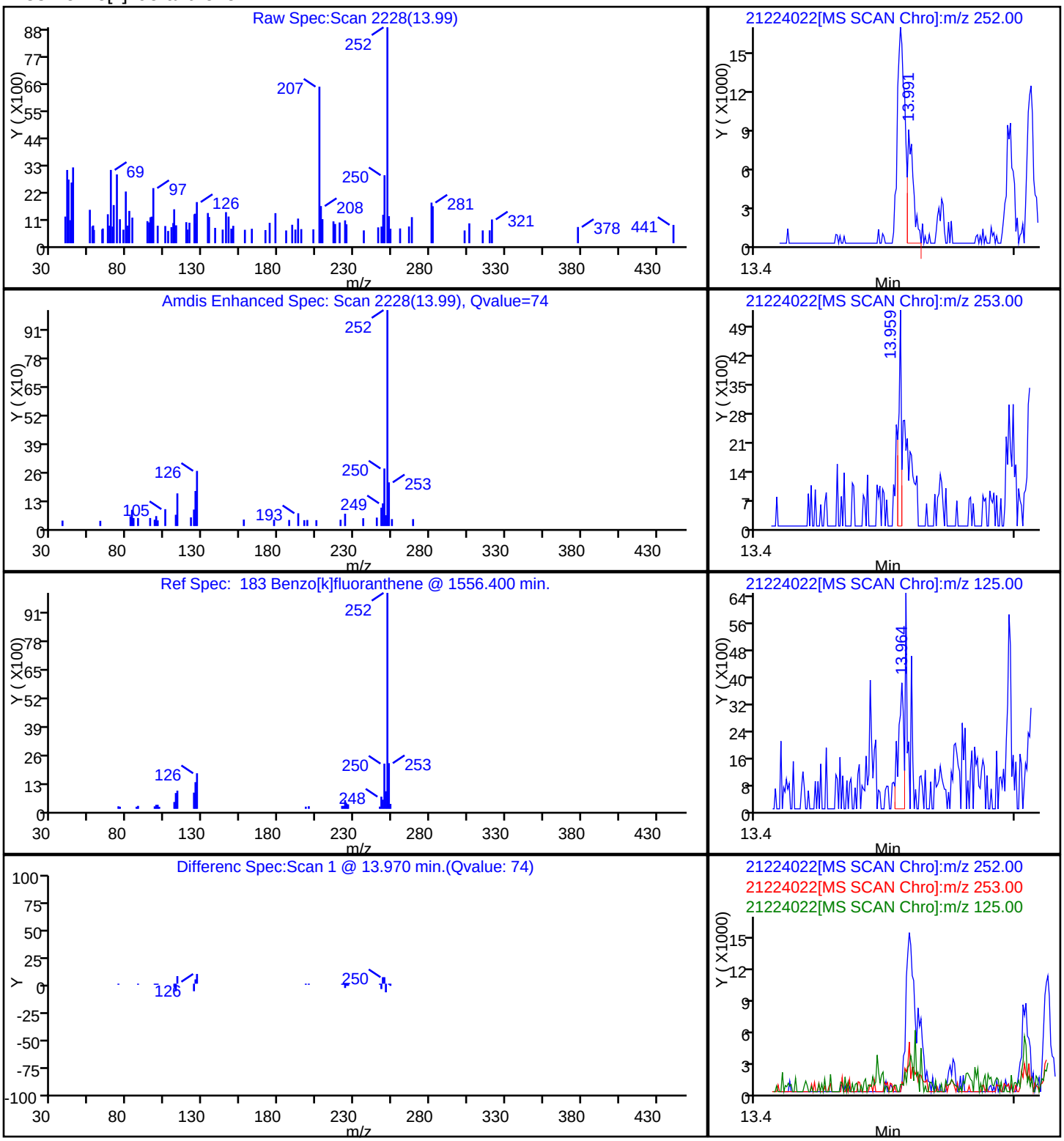
Report Date: 25-Dec-2012 12:56:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D

Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



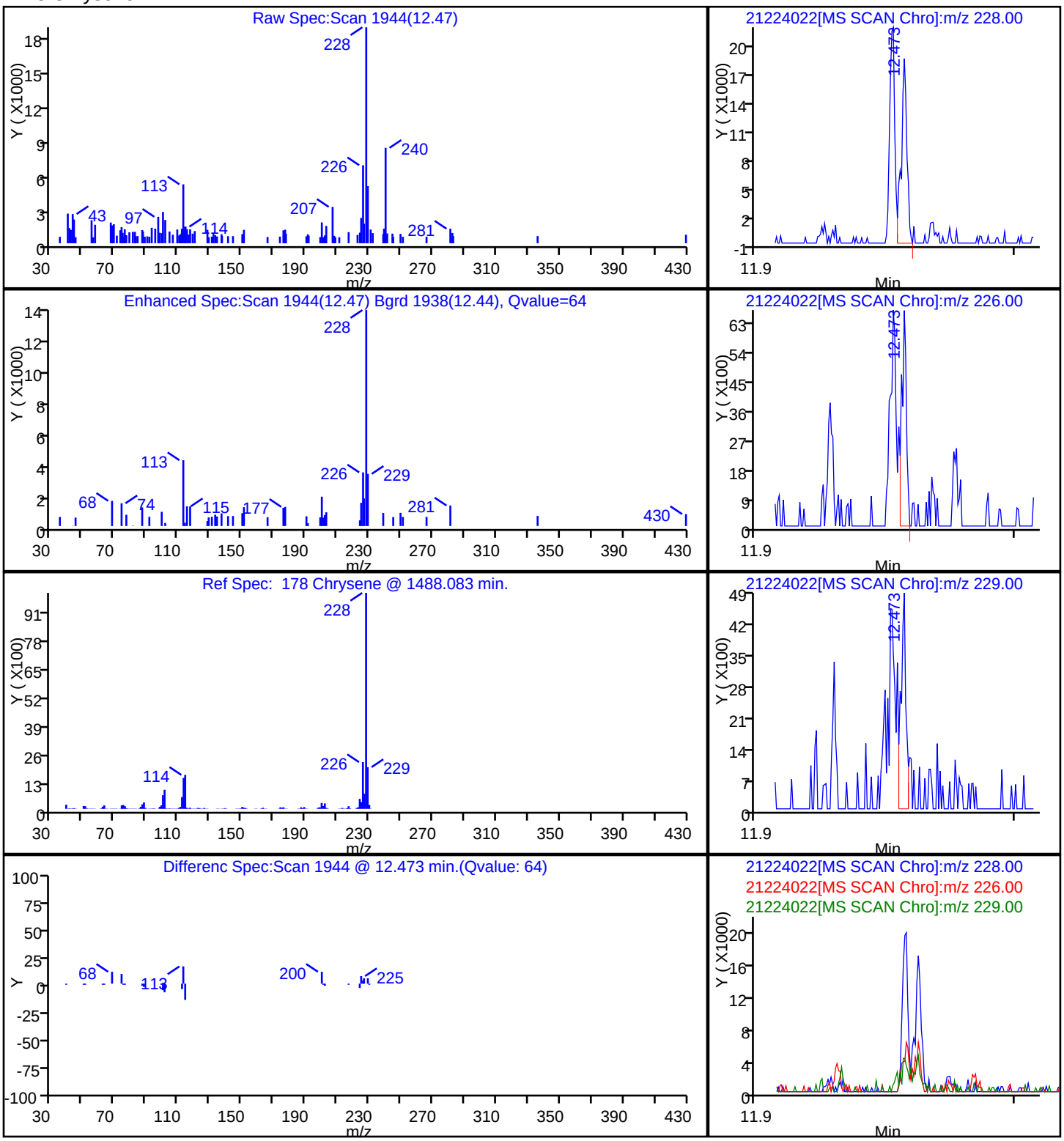
Report Date: 25-Dec-2012 12:56:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D

Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene



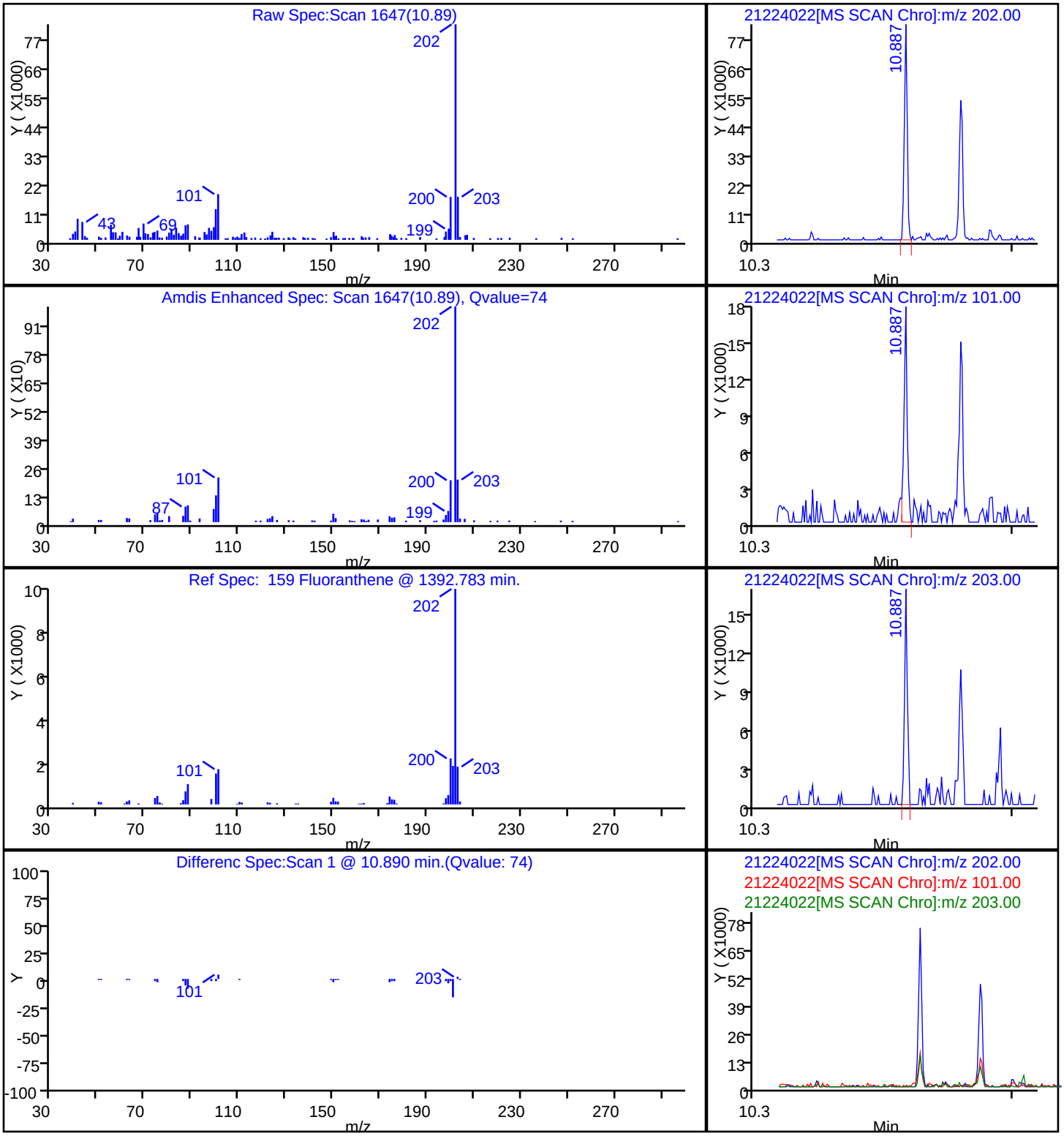
Report Date: 25-Dec-2012 12:56:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D

Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



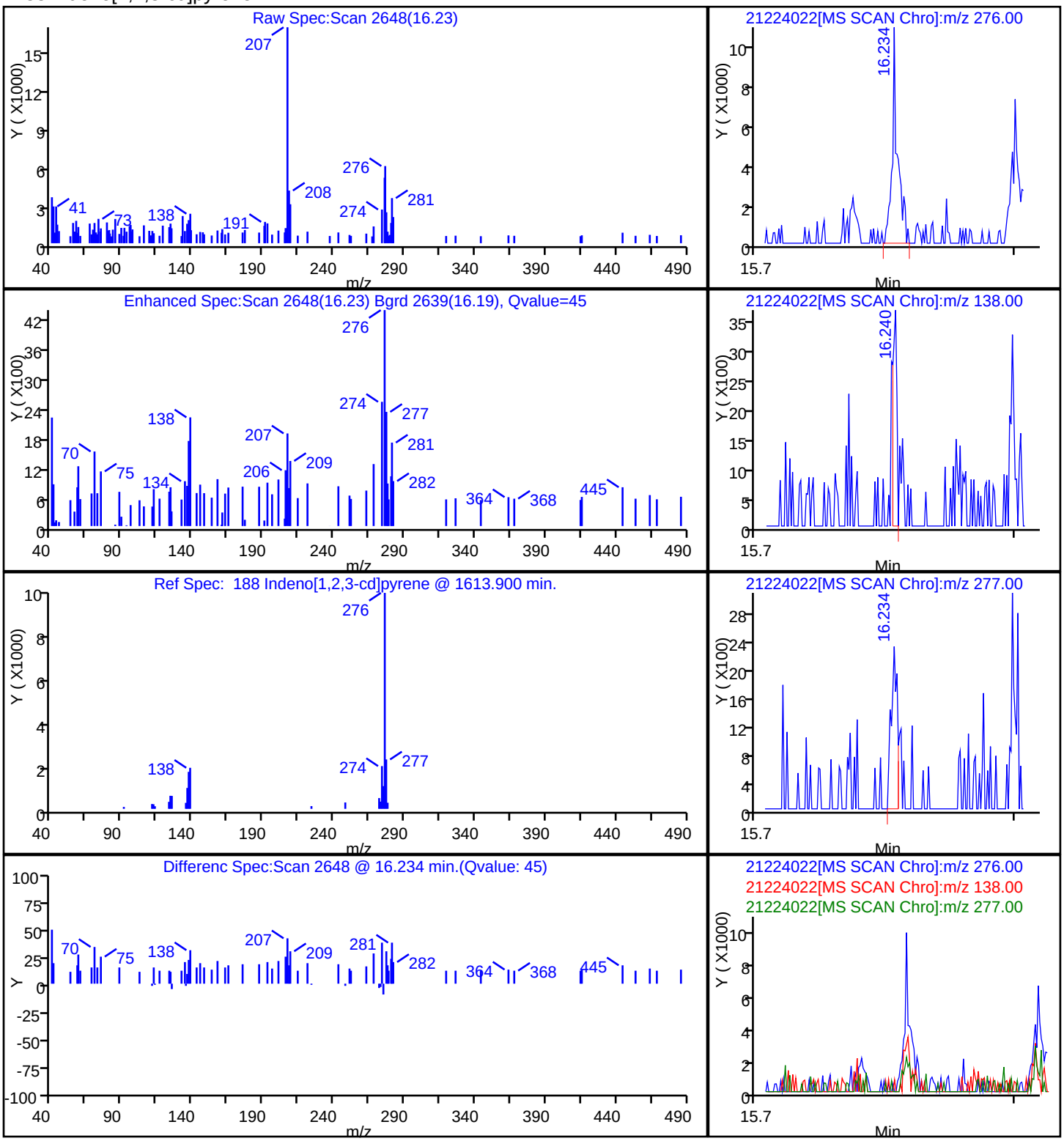
Report Date: 25-Dec-2012 12:56:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D

Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



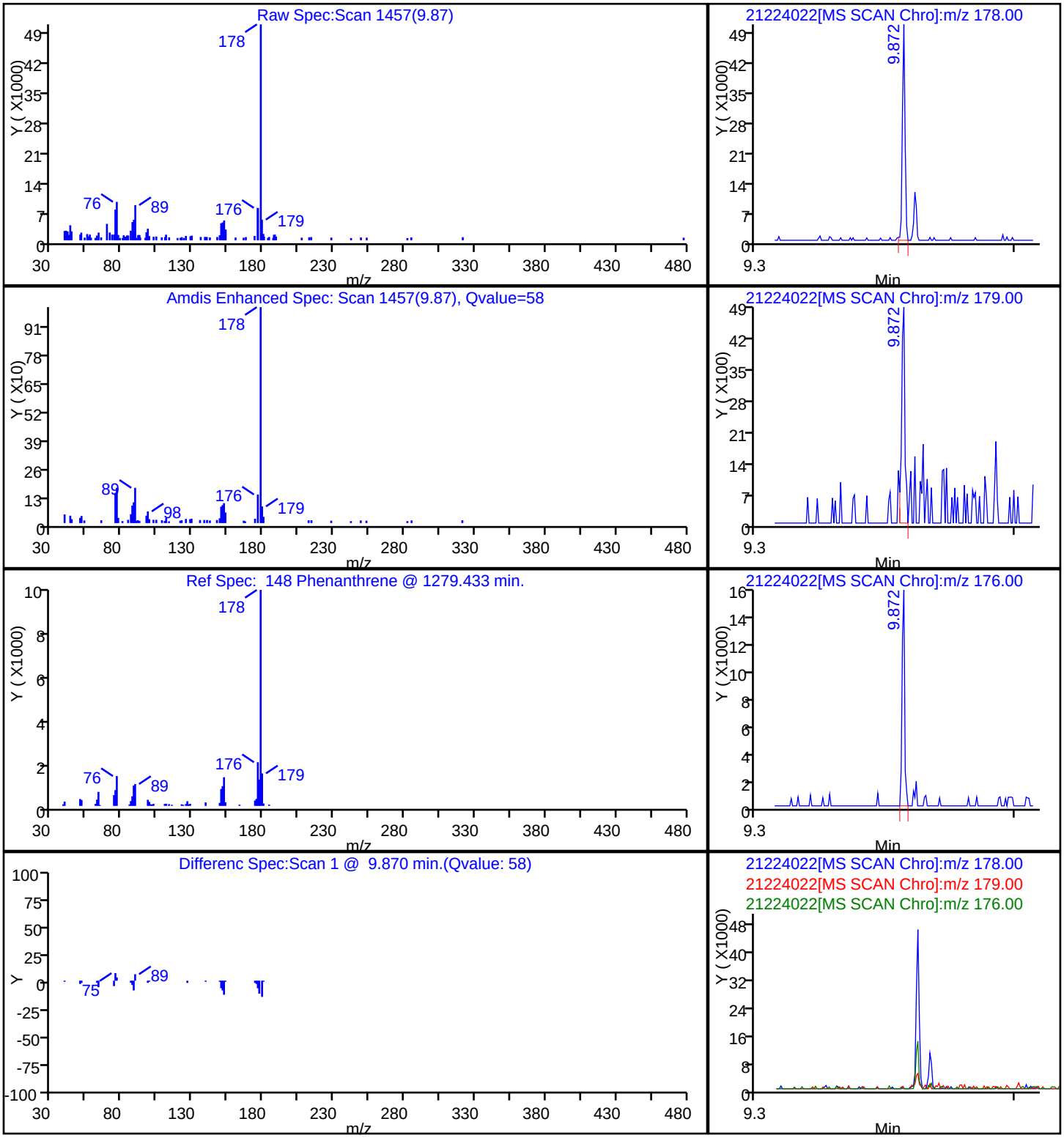
Report Date: 25-Dec-2012 12:56:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D

Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



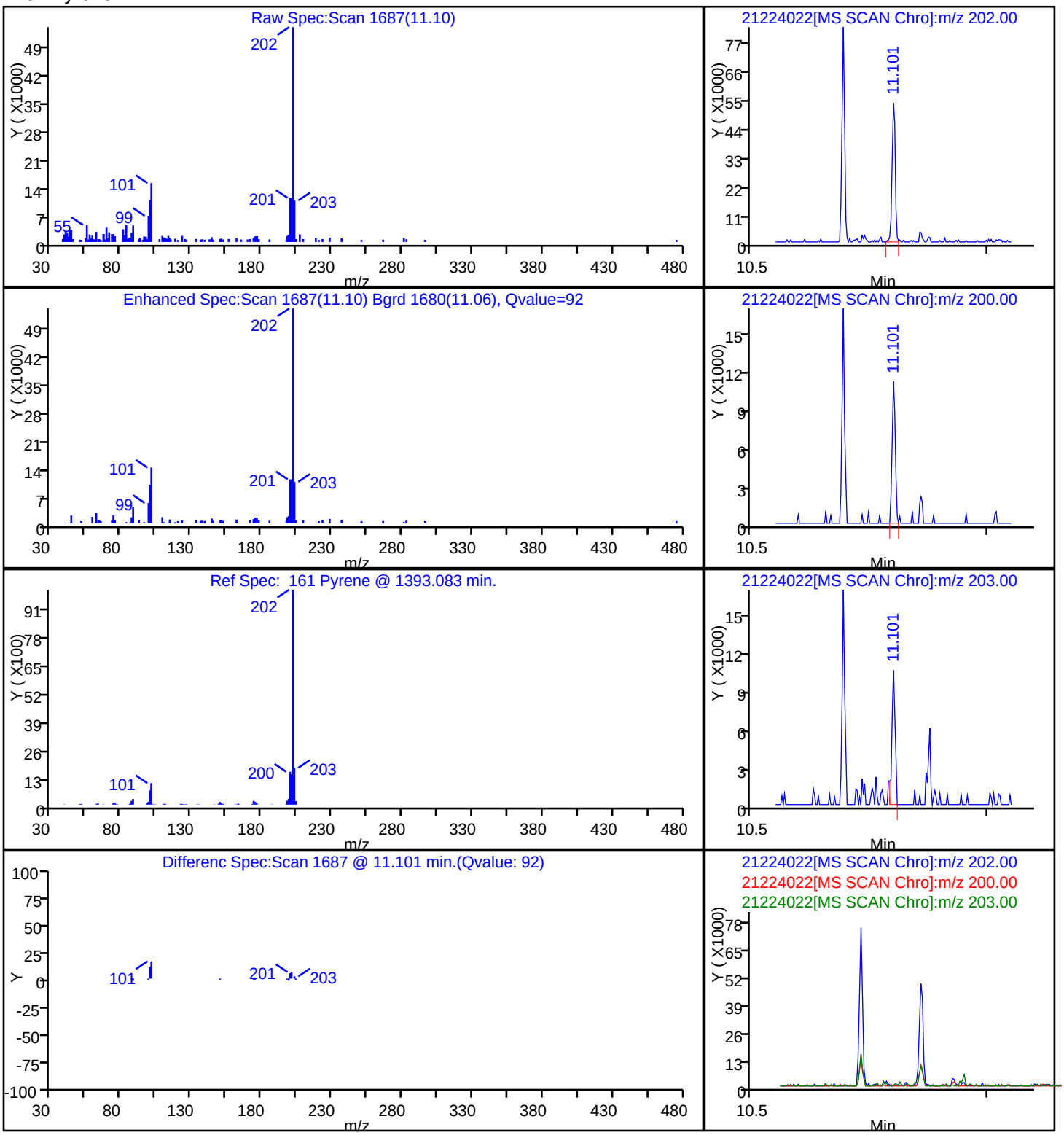
Report Date: 25-Dec-2012 12:56:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D

Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



Manual Integration/User Assign Peak Report

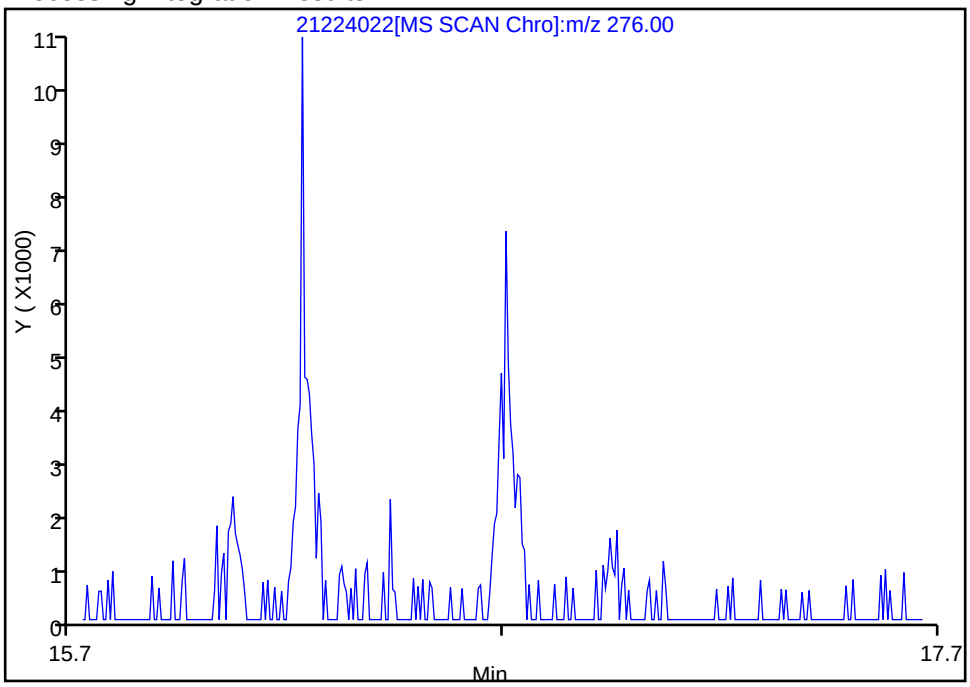
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D		
Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
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: 16.73

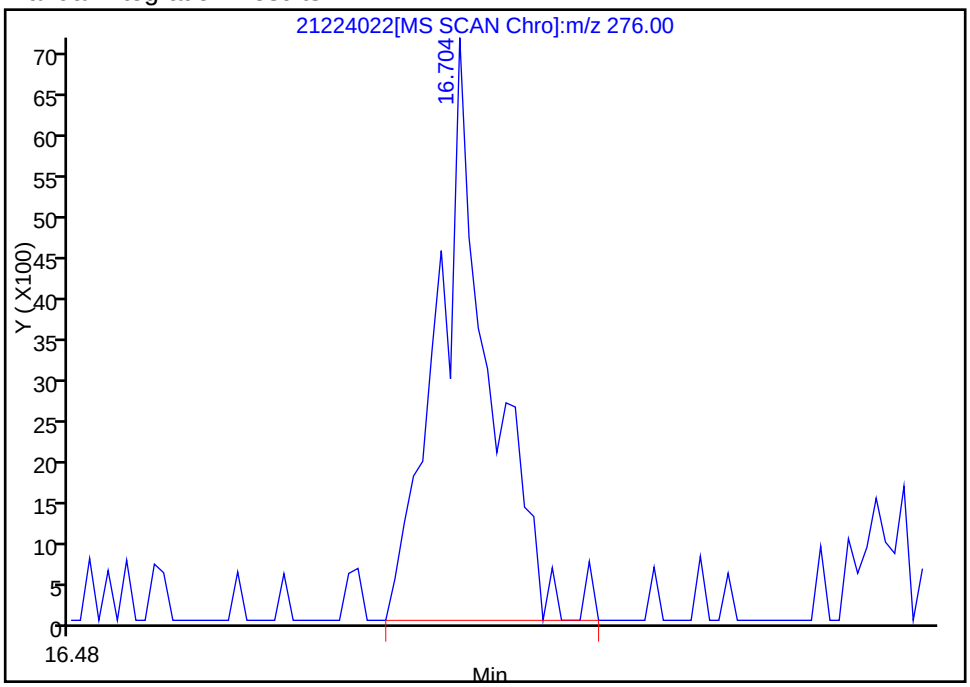
Not Detected
Expected RT: 16.73

Processing Integration Results



Manual Integration Results

RT: 16.70
Response: 14704
Amount: 0.245040



Reviewer: ulmanm, 25-Dec-2012 12:15:43
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

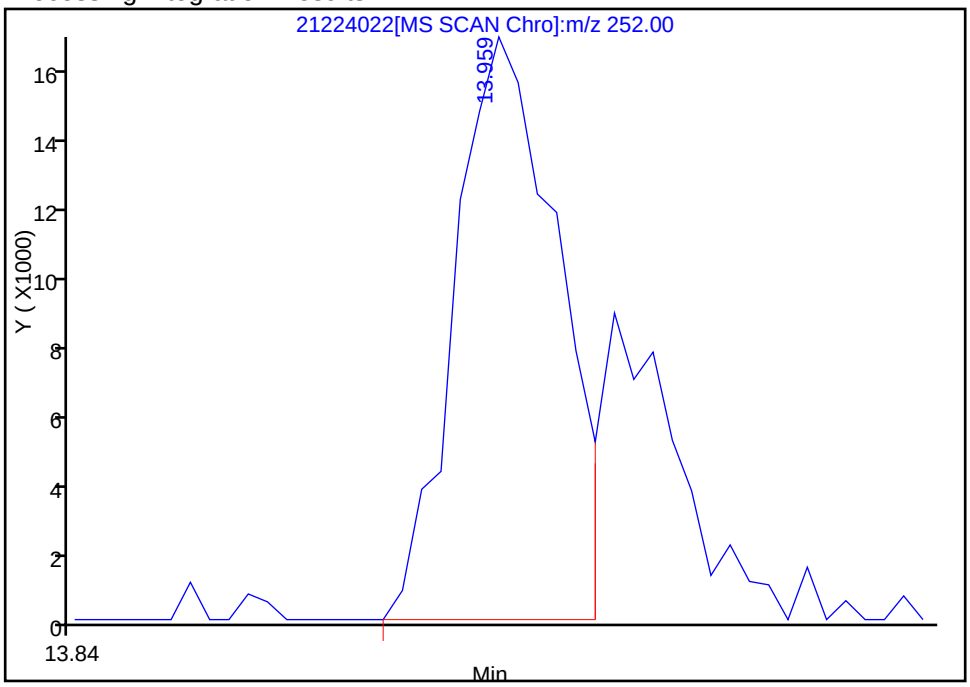
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D		
Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 14.01

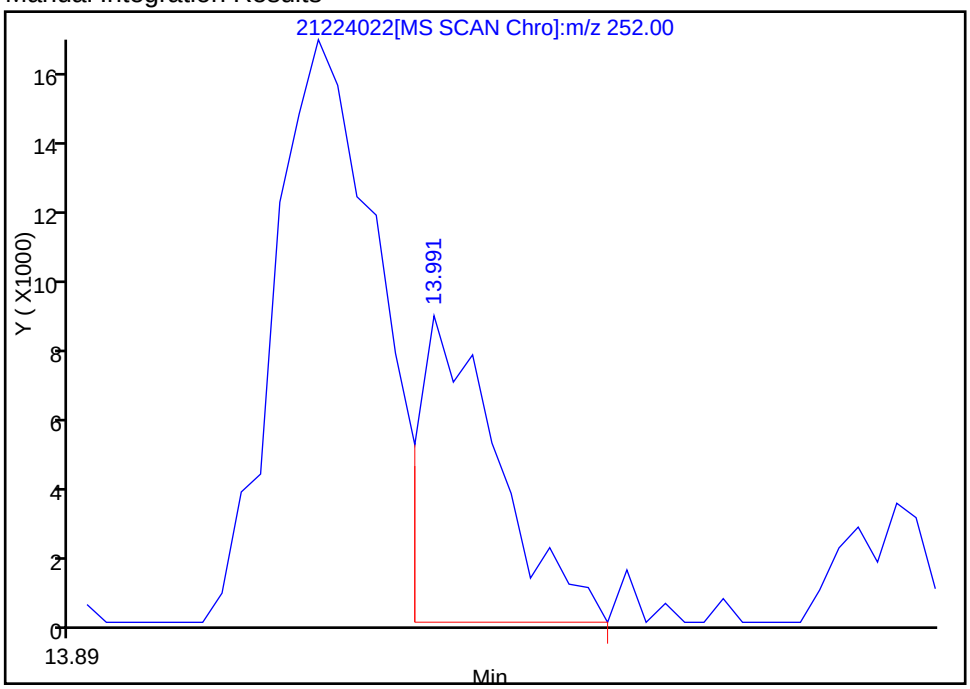
Processing Integration Results

RT: 13.96
Response: 33582
Amount: 0.263725



Manual Integration Results

RT: 13.99
Response: 13766
Amount: 0.108107



Reviewer: ulmanm, 25-Dec-2012 12:15:43
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

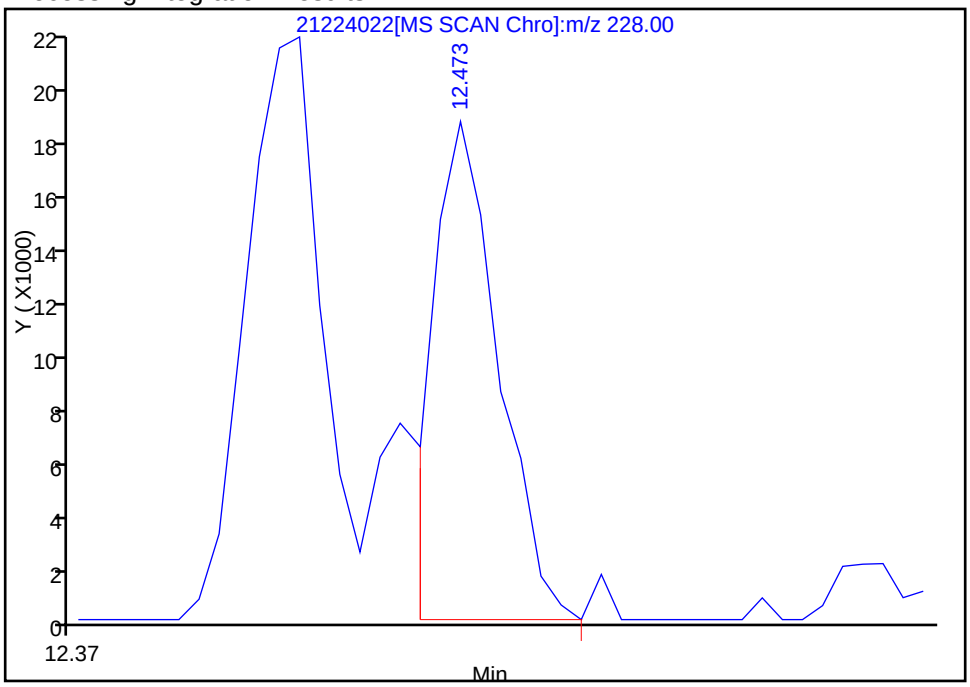
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D		
Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene, Signal: 1, m/z: 228.0 Type: quant, RT: 12.48

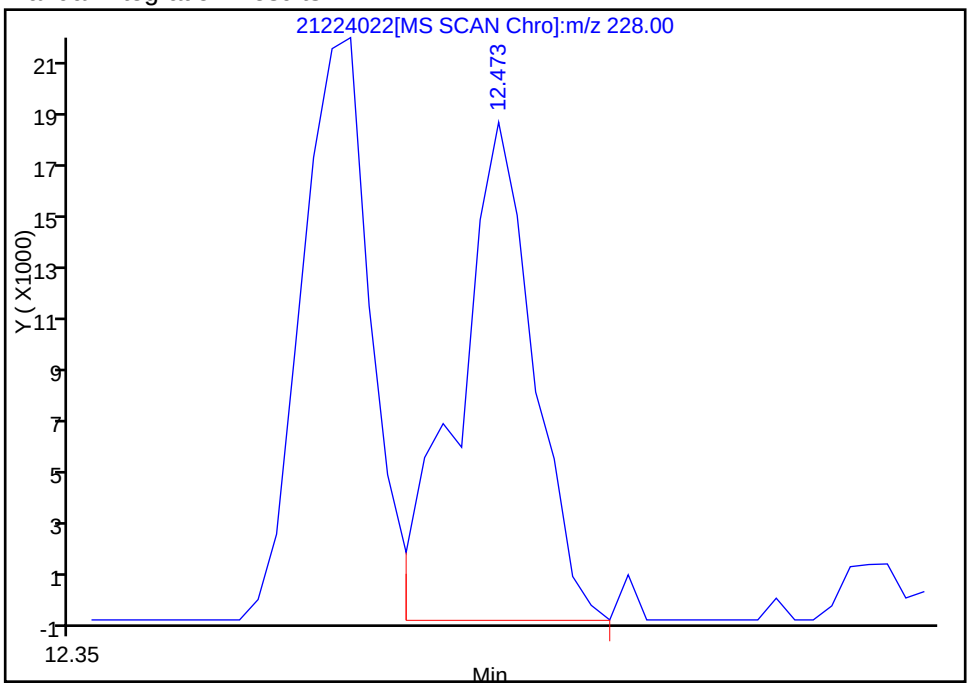
Processing Integration Results

RT: 12.47
Response: 22845
Amount: 0.169326



Manual Integration Results

RT: 12.47
Response: 27960
Amount: 0.207239



Reviewer: ulmanm, 25-Dec-2012 12:15:43
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

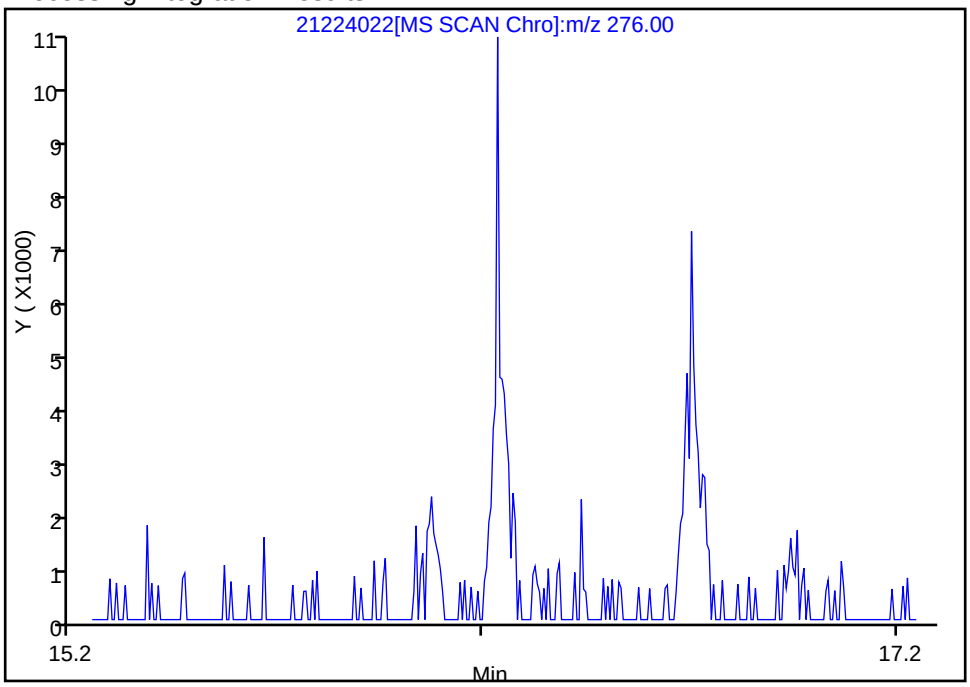
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224022.D		
Injection Date:	24-Dec-2012 18:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	22
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: 16.25

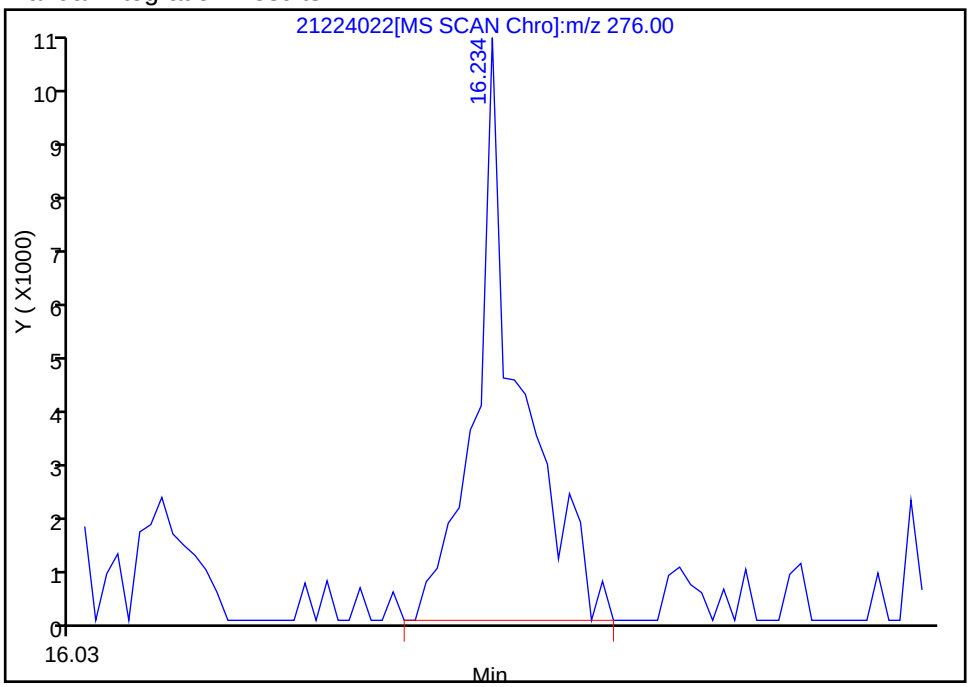
Processing Integration Results

Not Detected
Expected RT: 16.25



Manual Integration Results

RT: 16.23
Response: 15630
Amount: 0.123767



Reviewer: ulmanm, 25-Dec-2012 12:15:43
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0079-0001-SO | Lab Sample ID: 240-18703-21

Matrix: Solid | Lab File ID: 21224023.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 14:20

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.84(g) | Date Analyzed: 12/24/2012 19:14

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.3	U	8.7	4.3	4.3
208-96-8	Acenaphthylene	5.3	J	8.7	4.3	4.3
120-12-7	Anthracene	5.5	J	8.7	4.3	4.3
56-55-3	Benzo[a]anthracene	46		8.7	4.3	4.3
50-32-8	Benzo[a]pyrene	37		8.7	4.3	4.3
205-99-2	Benzo[b]fluoranthene	50		8.7	4.3	4.3
191-24-2	Benzo[g,h,i]perylene	32	M	8.7	4.3	4.3
65-85-0	Benzoic acid	440	U	870	440	440
207-08-9	Benzo[k]fluoranthene	21		8.7	4.3	4.3
100-51-6	Benzyl alcohol	35	U	430	35	28
111-91-1	Bis(2-chloroethoxy)methane	35	U	130	35	29
111-44-4	Bis(2-chloroethyl)ether	4.3	U	130	4.3	2.6
108-60-1	bis (2-chloroisopropyl) ether	35	U	130	35	12
117-81-7	Bis(2-ethylhexyl) phthalate	35	U	66	35	25
101-55-3	4-Bromophenyl phenyl ether	35	U	66	35	17
85-68-7	Butyl benzyl phthalate	35	U	66	35	13
86-74-8	Carbazole	35	U	66	35	35
106-47-8	4-Chloroaniline	35	U	200	35	22
59-50-7	4-Chloro-3-methylphenol	35	U	200	35	28
91-58-7	2-Chloronaphthalene	4.3	U	66	4.3	4.3
95-57-8	2-Chlorophenol	35	U	66	35	35
7005-72-3	4-Chlorophenyl phenyl ether	35	U	66	35	17
218-01-9	Chrysene	35		8.7	4.3	1.4
53-70-3	Dibenz(a,h)anthracene	4.3	U	8.7	4.3	4.3
132-64-9	Dibenzofuran	4.3	U	66	4.3	4.3
95-50-1	1,2-Dichlorobenzene	35	U	66	35	13
541-73-1	1,3-Dichlorobenzene	35	U	66	35	14
106-46-7	1,4-Dichlorobenzene	35	U	66	35	26
91-94-1	3,3'-Dichlorobenzidine	100	U	130	100	24
120-83-2	2,4-Dichlorophenol	35	U	200	35	26
84-66-2	Diethyl phthalate	35	U	66	35	21
105-67-9	2,4-Dimethylphenol	100	U	200	100	26
131-11-3	Dimethyl phthalate	35	U	66	35	22
84-74-2	Di-n-butyl phthalate	35	U	66	35	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0079-0001-SO | Lab Sample ID: 240-18703-21

Matrix: Solid | Lab File ID: 21224023.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 14:20

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.84(g) | Date Analyzed: 12/24/2012 19:14

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	100	U	200	100	100
51-28-5	2,4-Dinitrophenol	100	U	430	100	100
121-14-2	2,4-Dinitrotoluene	35	U	260	35	35
606-20-2	2,6-Dinitrotoluene	35	U	260	35	28
117-84-0	Di-n-octyl phthalate	35	U	66	35	35
206-44-0	Fluoranthene	74		8.7	4.3	4.3
86-73-7	Fluorene	4.3	U	8.7	4.3	4.3
118-74-1	Hexachlorobenzene	4.3	U	8.7	4.3	2.8
87-68-3	Hexachlorobutadiene	35	U	66	35	35
77-47-4	Hexachlorocyclopentadiene	35	U	430	35	35
67-72-1	Hexachloroethane	35	U	66	35	12
193-39-5	Indeno[1,2,3-cd]pyrene	20	M	8.7	4.3	4.3
78-59-1	Isophorone	35	U	66	35	17
91-57-6	2-Methylnaphthalene	11		8.7	4.3	4.3
95-48-7	2-Methylphenol	100	U	260	100	100
15831-10-4	3 & 4 Methylphenol	100	U	520	100	26
91-20-3	Naphthalene	7.6	J	8.7	4.3	4.3
88-74-4	2-Nitroaniline	35	U	260	35	12
99-09-2	3-Nitroaniline	100	U	260	100	21
100-01-6	4-Nitroaniline	35	U	260	35	34
98-95-3	Nitrobenzene	4.3	U	130	4.3	2.9
88-75-5	2-Nitrophenol	35	U	66	35	35
100-02-7	4-Nitrophenol	100	U	430	100	100
621-64-7	N-Nitrosodi-n-propylamine	35	U	66	35	35
86-30-6	N-Nitrosodiphenylamine	35	U	66	35	28
87-86-5	Pentachlorophenol	100	U	200	100	100
85-01-8	Phenanthrene	32		8.7	4.3	4.3
108-95-2	Phenol	35	U	66	35	35
129-00-0	Pyrene	57		8.7	4.3	4.3
120-82-1	1,2,4-Trichlorobenzene	35	U	66	35	35
95-95-4	2,4,5-Trichlorophenol	35	U	200	35	33
88-06-2	2,4,6-Trichlorophenol	100	U	200	100	100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0079-0001-SO | Lab Sample ID: 240-18703-21

Matrix: Solid | Lab File ID: 21224023.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 14:20

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 29.84(g) | Date Analyzed: 12/24/2012 19:14

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	48		45-105
367-12-4	2-Fluorophenol (Surr)	70		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	50		35-100
4165-62-2	Phenol-d5 (Surr)	73		40-100
1718-51-0	Terphenyl-d14 (Surr)	61		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	60		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D
Lims ID: 240-18703-H-21-A Client ID: 072SB-0079-0001-SO
Inject. Date: 24-Dec-2012 19:14:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-023
Misc. Info.: 240-18703-H-21-A =240-18703-H-21-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 69988 Lims Sample ID: 23
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26 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: XAWRK027

First Level Reviewer: ulmanm Date: 25-Dec-2012 12:28:08

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.987	5.988	-0.001	96	122636	4.00	
* 2 Naphthalene-d8	136	7.093	7.094	-0.001	99	508051	4.00	
* 3 Acenaphthene-d10	164	8.589	8.589	0.0	77	300294	4.00	
* 4 Phenanthrene-d10	188	9.855	9.856	-0.001	98	529990	4.00	
* 5 Chrysene-d12	240	12.440	12.446	-0.006	79	520136	4.00	
* 6 Perylene-d12	264	14.556	14.557	-0.001	81	409835	4.00	
$ 7 2-Fluorophenol	112	4.764	4.748	0.016	93	431111	10.5	
$ 8 Phenol-d5	99	5.629	5.625	0.004	0	668950	11.0	
$ 9 Nitrobenzene-d5	82	6.468	6.469	-0.001	85	388511	5.00	
$ 10 2-Fluorobiphenyl (Surr)	172	8.001	8.002	-0.001	99	582921	4.84	
$ 11 2,4,6-Tribromophenol	330	9.257	9.257	0.0	88	94828	9.04	
$ 12 Terphenyl-d14	244	11.217	11.223	-0.006	97	714337	6.07	
43 Phenol	94		5.635					9
69 Bis(2-chloroethyl)ether	93		5.737					9
46 2-Chlorophenol	128		5.796					
47 1,3-Dichlorobenzene	146		5.940					9
48 1,4-Dichlorobenzene	146		6.004					9
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					
21 3 & 4 Methylphenol	108		6.308					
57 N-Nitrosodi-n-propylamine	70		6.324					9
61 Hexachloroethane	117		6.437					9
62 Nitrobenzene	77		6.485					
64 Isophorone	82		6.688					9
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					
71 Benzoic acid	122	6.783	6.827	-0.044	57	4816	1.02	
70 Bis(2-chloroethoxy)methane	93		6.859					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.960					
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128	7.114	7.115	-0.001	15	11589	0.0866	
76 4-Chloroaniline	127		7.147					9
79 Hexachlorobutadiene	225		7.211					
86 4-Chloro-3-methylphenol	107		7.532					
87 2-Methylnaphthalene	142	7.702	7.703	-0.001	54	11107	0.1257	
89 Hexachlorocyclopentadiene	237		7.831					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65		8.189					9
105 Dimethyl phthalate	163		8.328					9
107 2,6-Dinitrotoluene	165		8.386					
109 Acenaphthylene	152	8.471	8.472	-0.001	63	8618	0.0606	
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153		8.622					9
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					9
114 2,4-Dinitrotoluene	165		8.728					9
116 Dibenzofuran	168		8.766					9
121 Diethyl phthalate	149		8.921					9
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166		9.054					9
128 4,6-Dinitro-2-methylphenol	198		9.076					
131 N-Nitrosodiphenylamine	169		9.134					9
139 4-Bromophenyl phenyl ether	248		9.455					
141 Hexachlorobenzene	284		9.519					
143 Pentachlorophenol	266		9.679					
148 Phenanthrene	178	9.871	9.877	-0.006	83	54034	0.3668	
149 Anthracene	178	9.914	9.920	-0.006	57	9156	0.0630	
151 Carbazole	167		10.043					9
154 Di-n-butyl phthalate	149		10.299					9
159 Fluoranthene	202	10.886	10.892	-0.006	94	138381	0.8519	
161 Pyrene	202	11.105	11.106	-0.001	94	110412	0.6525	
168 Butyl benzyl phthalate	149		11.709					9
175 3,3'-Dichlorobenzidine	252		12.372					9
173 Bis(2-ethylhexyl) phthalate	149	12.387	12.393	-0.006	81	25489	0.2665	
177 Benzo[a]anthracene	228	12.424	12.430	-0.006	73	66211	0.5247	
178 Chrysene	228	12.478	12.479	-0.001	81	58973	0.4049	
180 Di-n-octyl phthalate	149		13.323					
182 Benzo[b]fluoranthene	252	13.963	13.964	-0.001	84	78917	0.5774	
183 Benzo[k]fluoranthene	252	14.000	14.006	-0.006	1	33723	0.2429	
184 Benzo[a]pyrene	252	14.465	14.471	-0.006	55	52782	0.4246	
188 Indeno[1,2,3-cd]pyrene	276	16.249	16.250	-0.001	71	31689	0.2301	M
189 Dibenz(a,h)anthracene	278		16.282					
190 Benzo[g,h,i]perylene	276	16.703	16.726	-0.023	66	29279	0.3630	M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

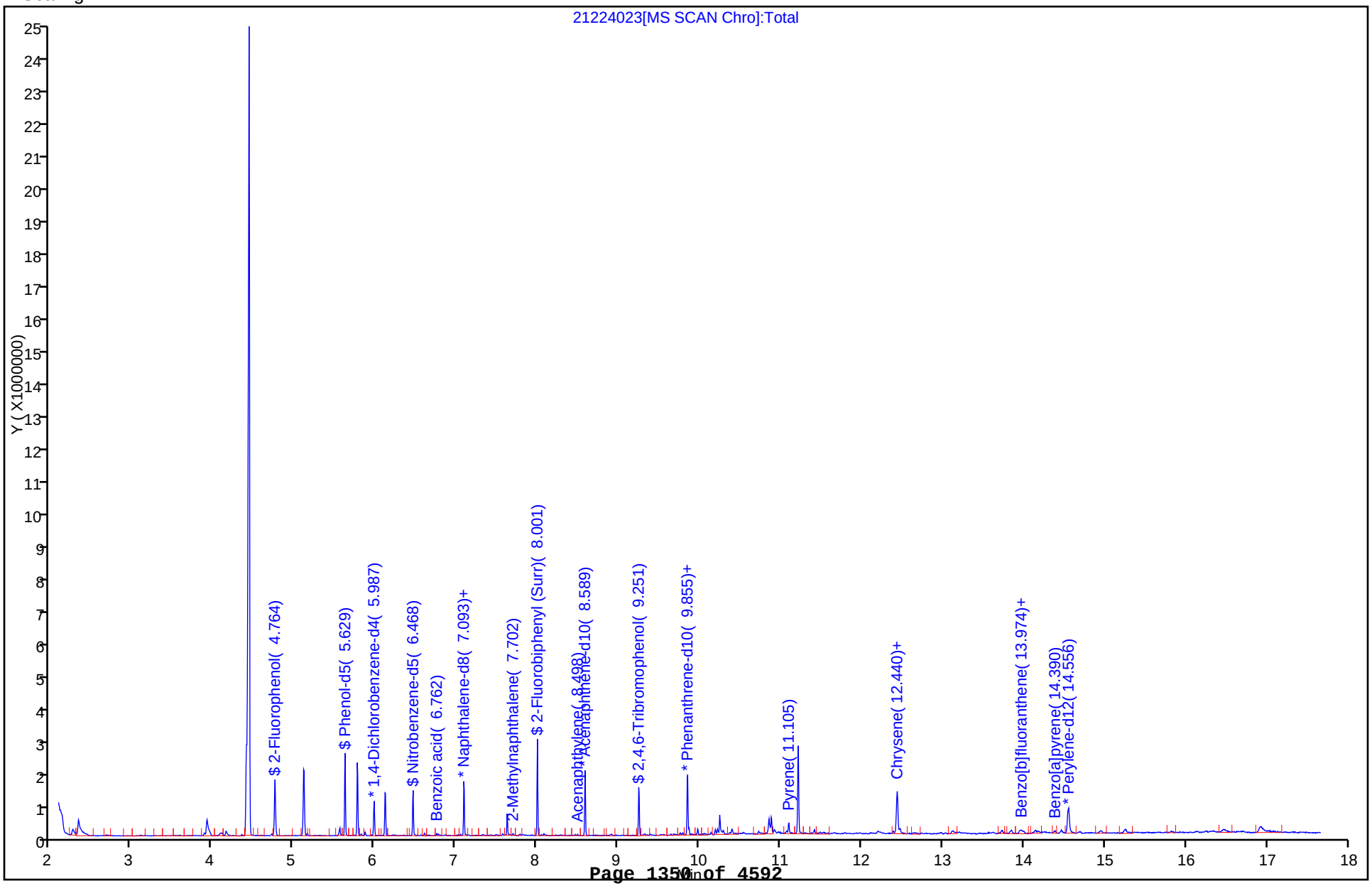
Review Flags
M - Manually Integrated

Report Date: 25-Dec-2012 12:56:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D		
Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



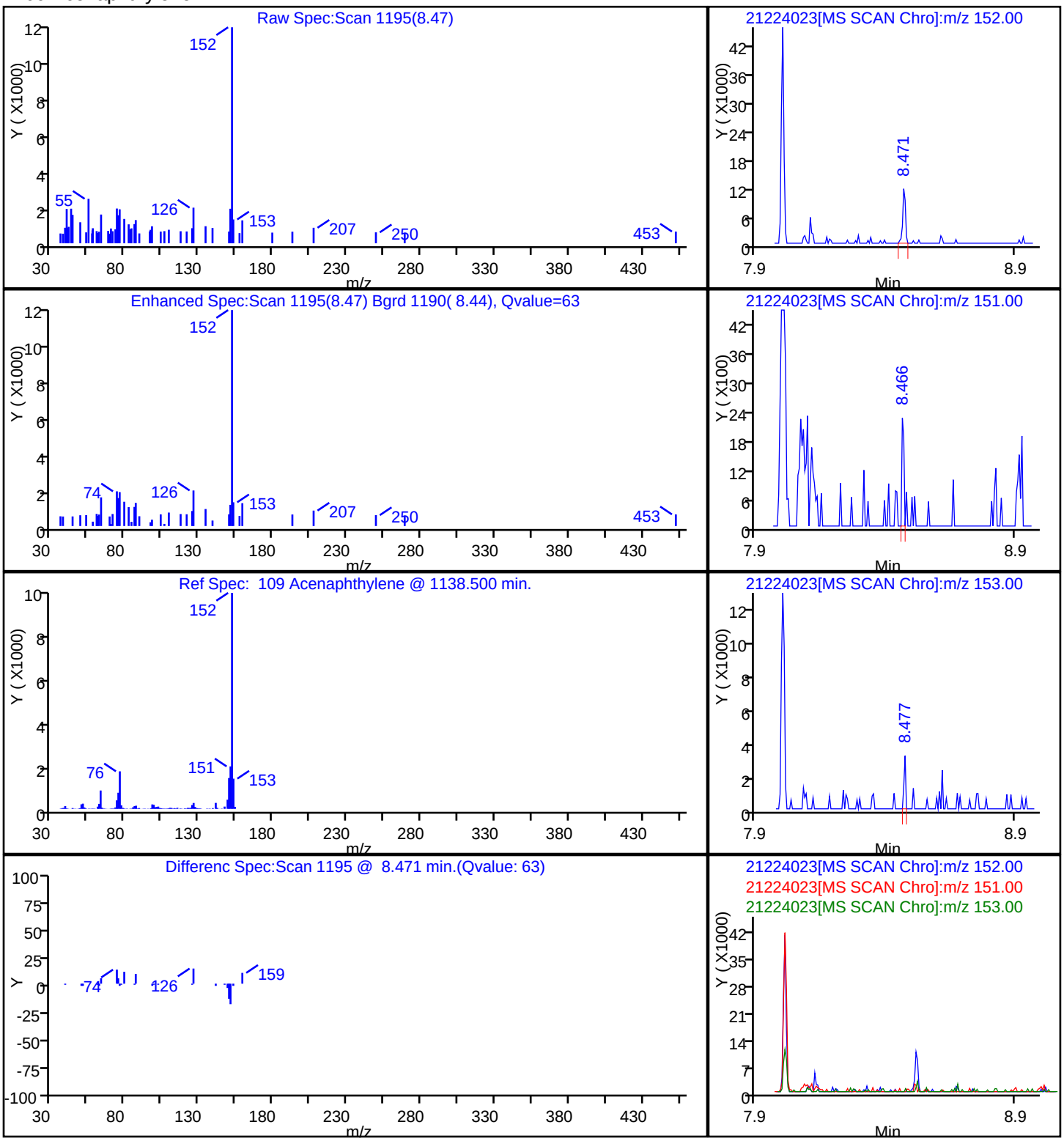
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D

Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

109 Acenaphthylene



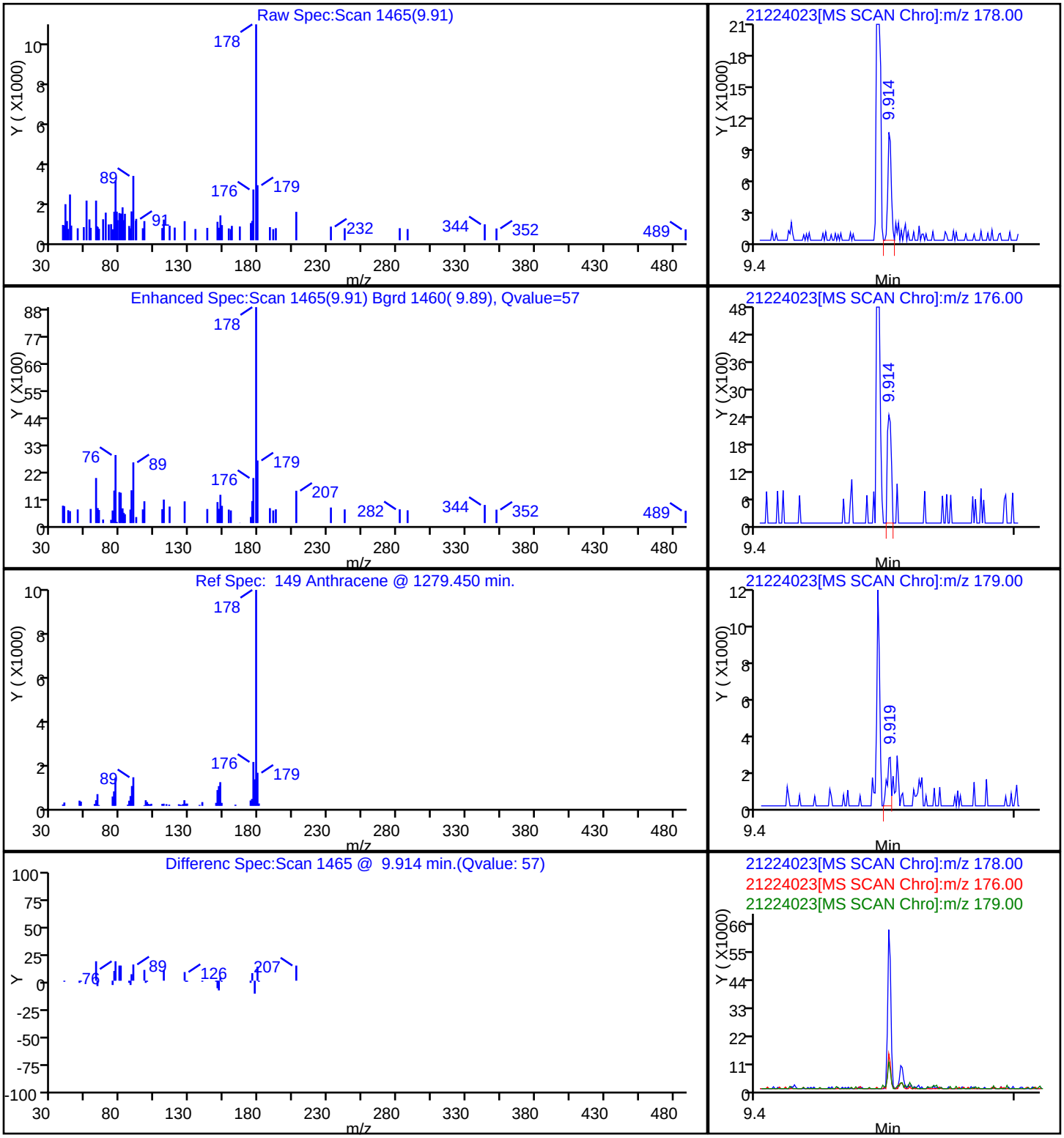
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D

Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene



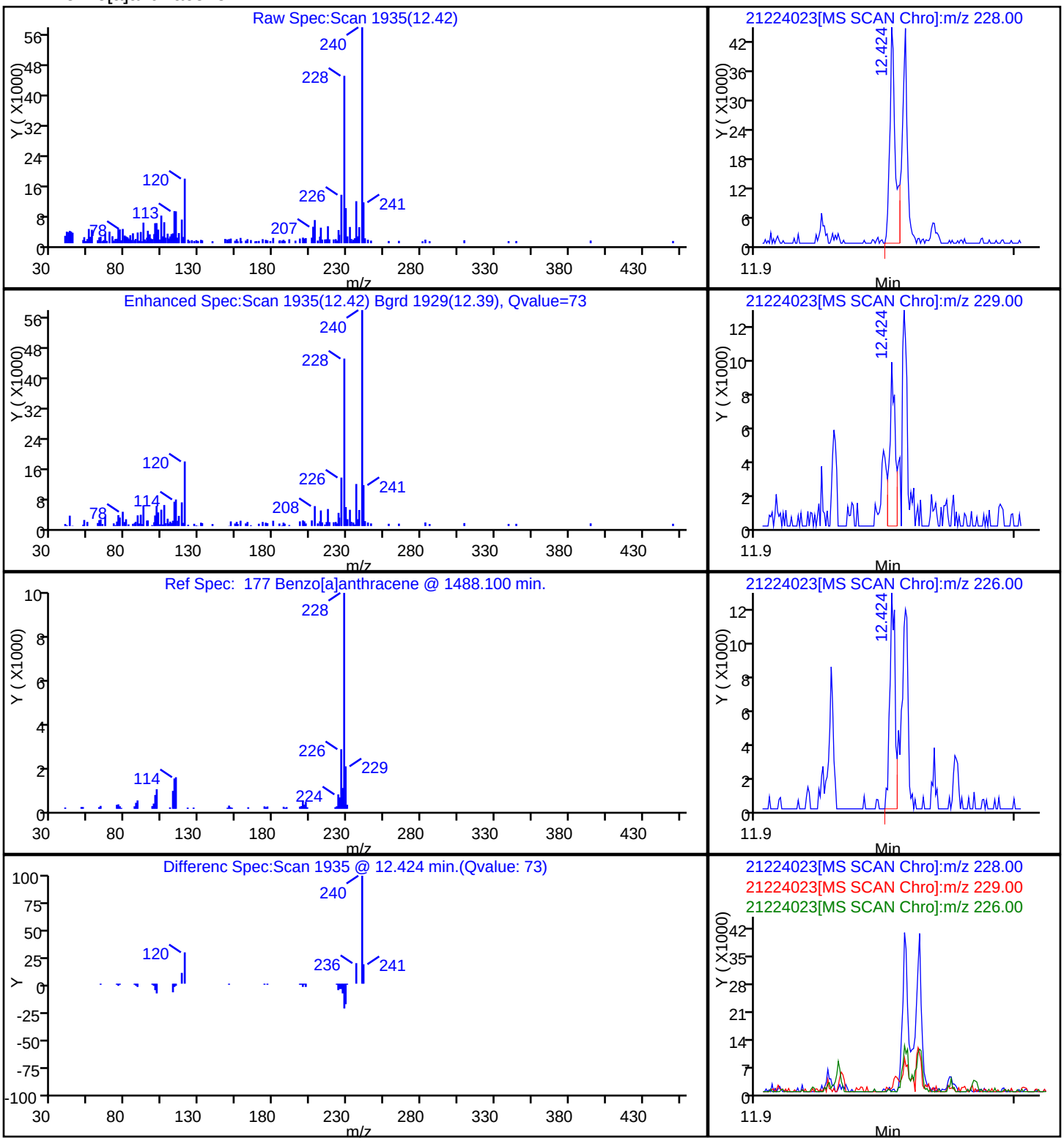
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TestAmerica Canton

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Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



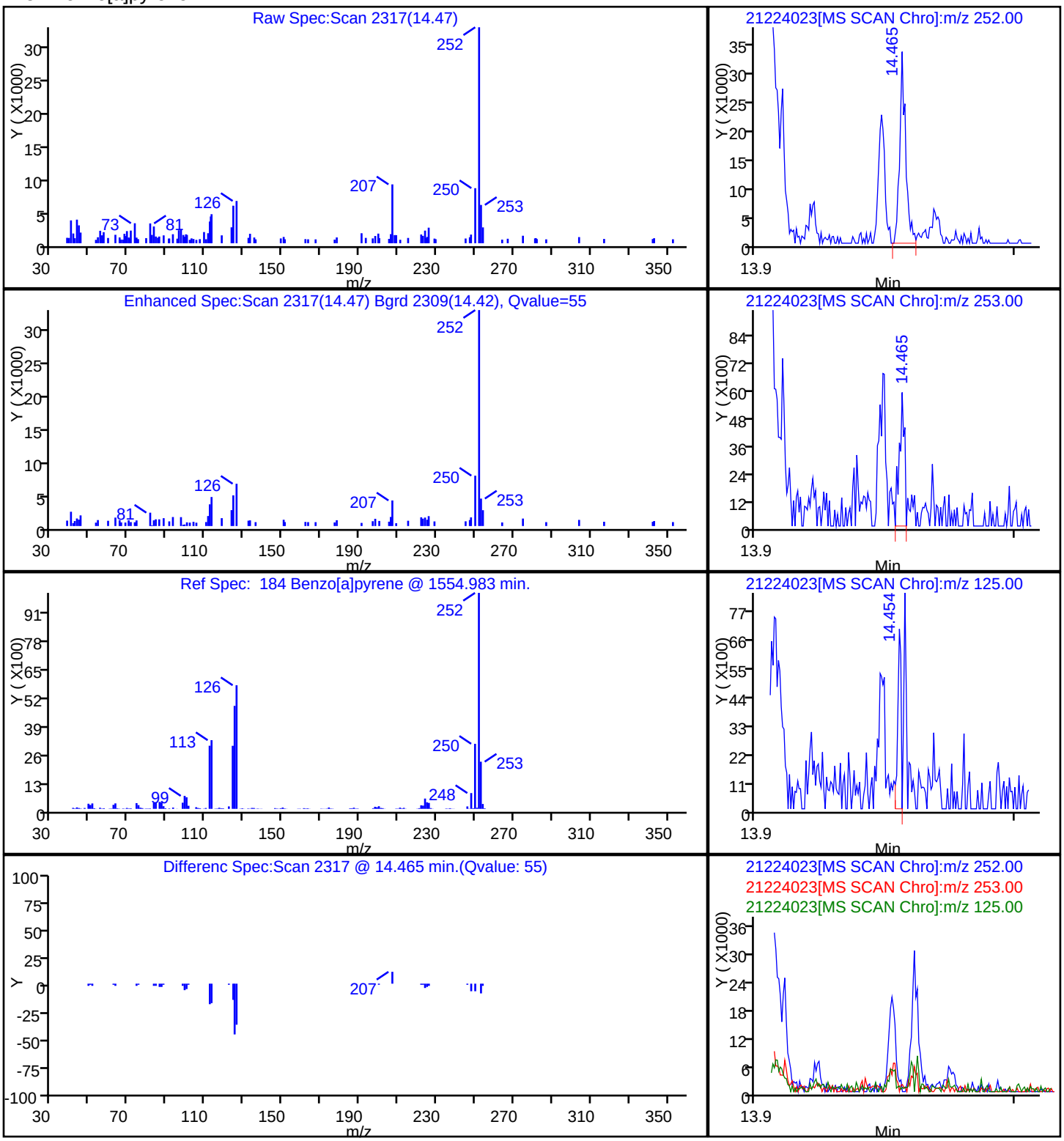
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D

Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



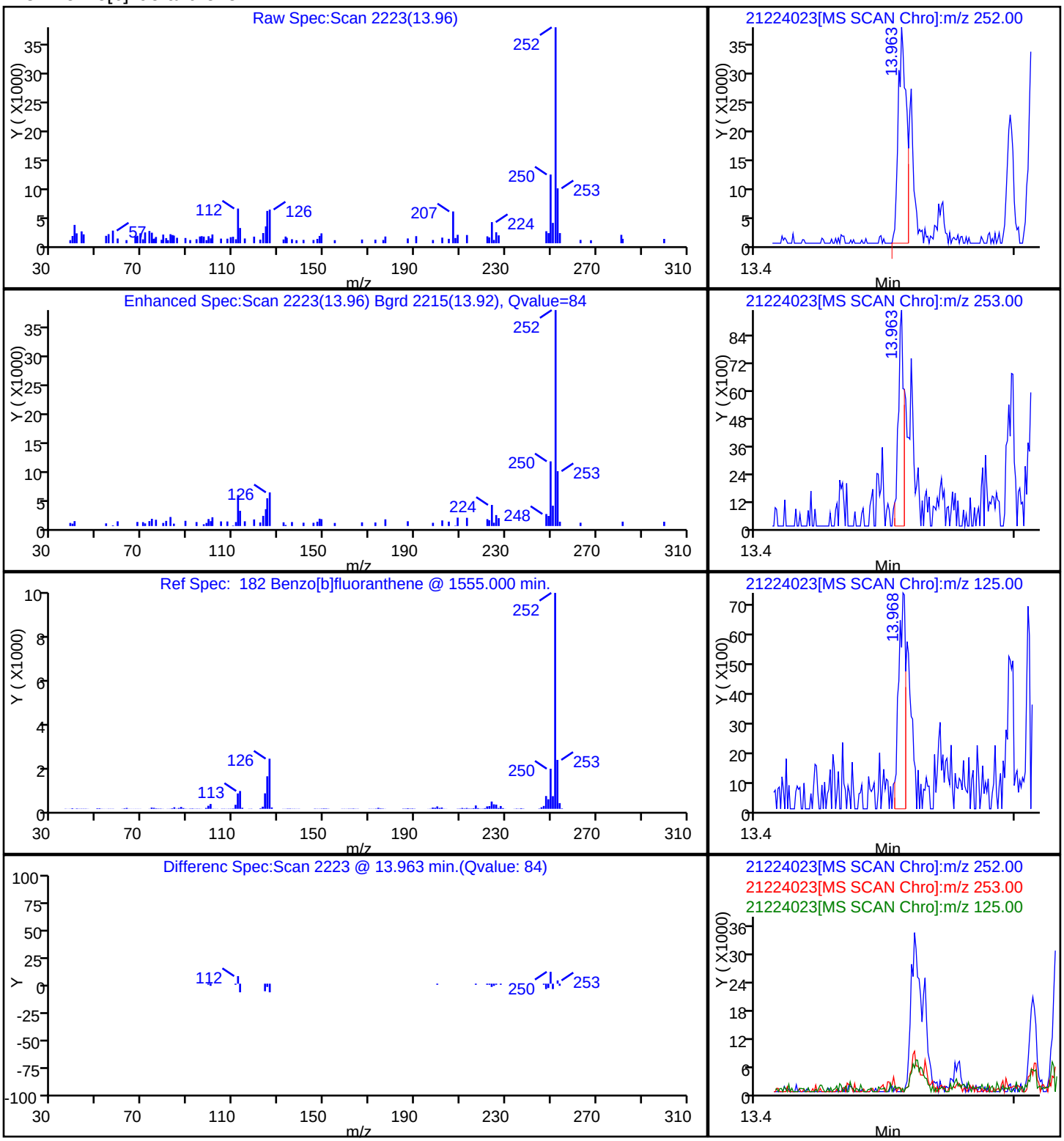
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TestAmerica Canton

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Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



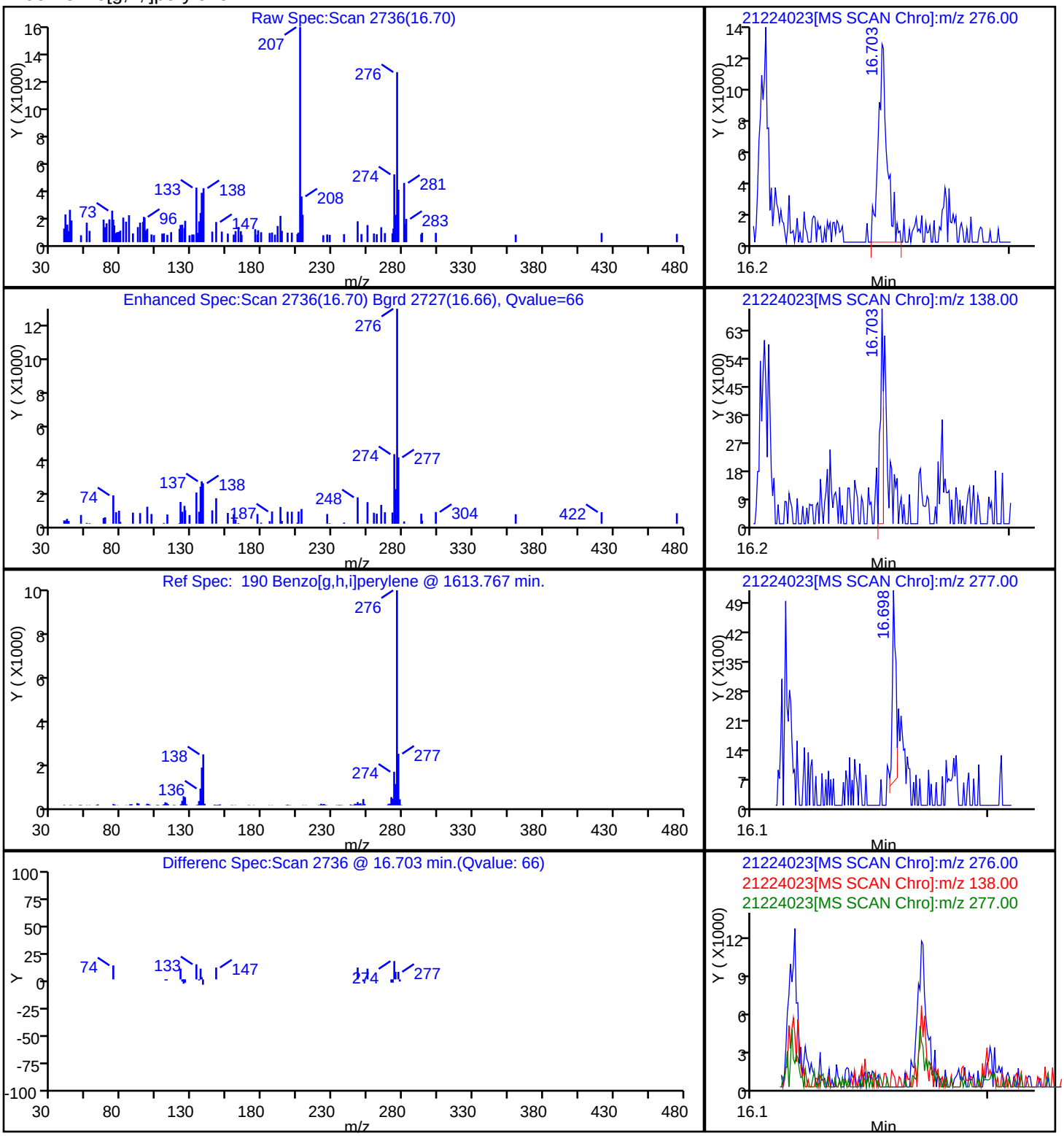
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D

Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene

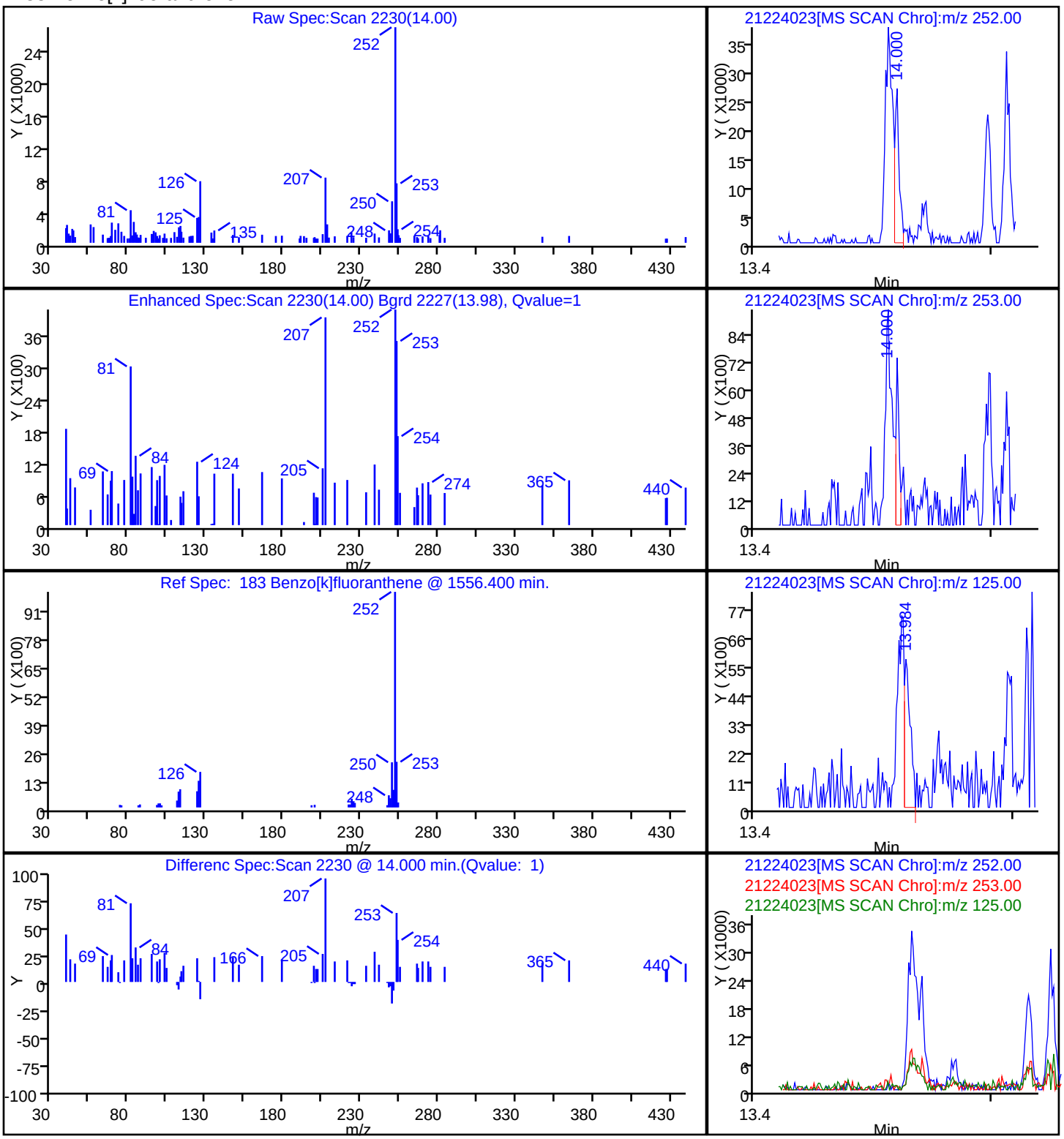


Report Date: 25-Dec-2012 12:56:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D		
Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



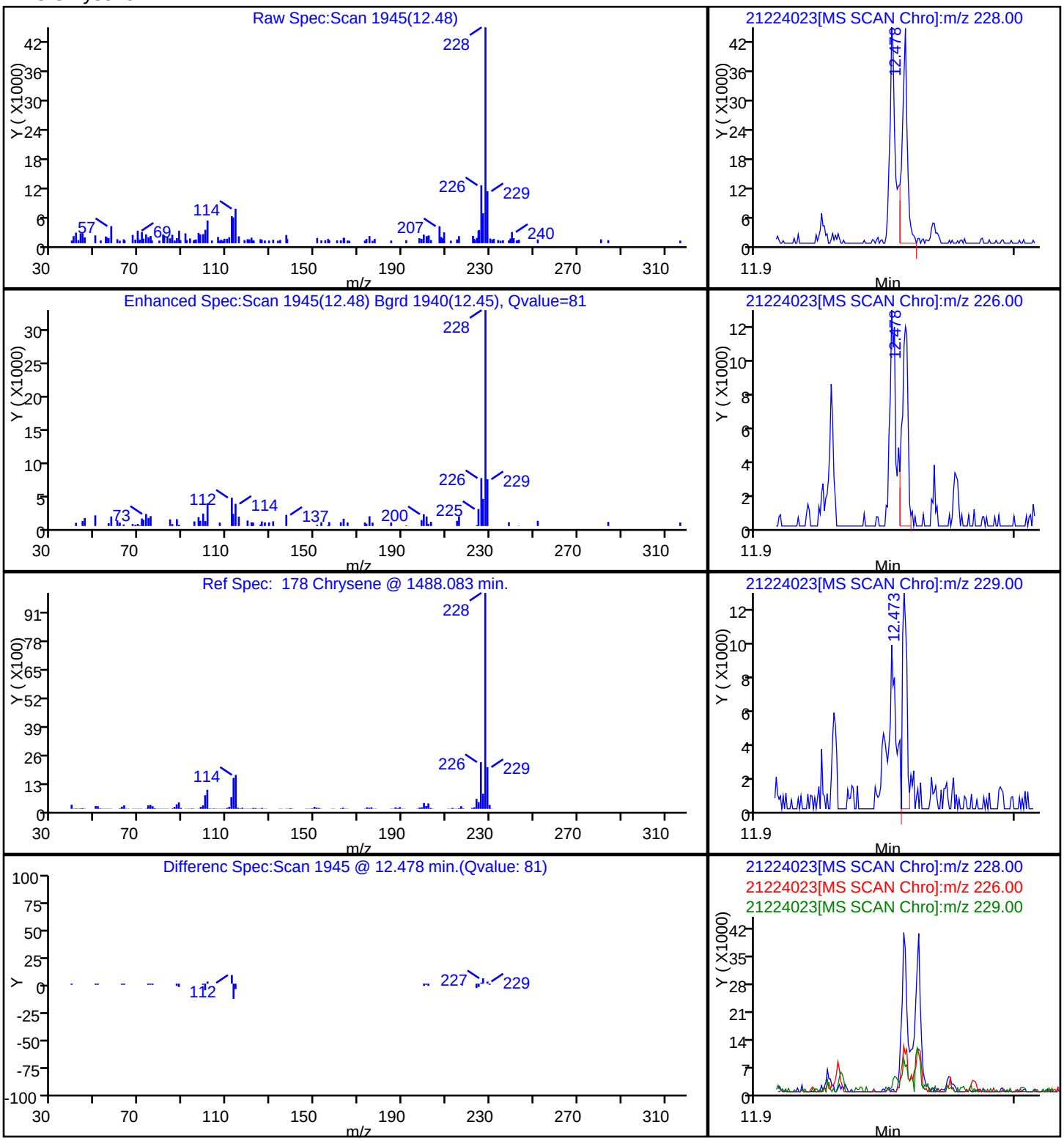
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TestAmerica Canton

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Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene

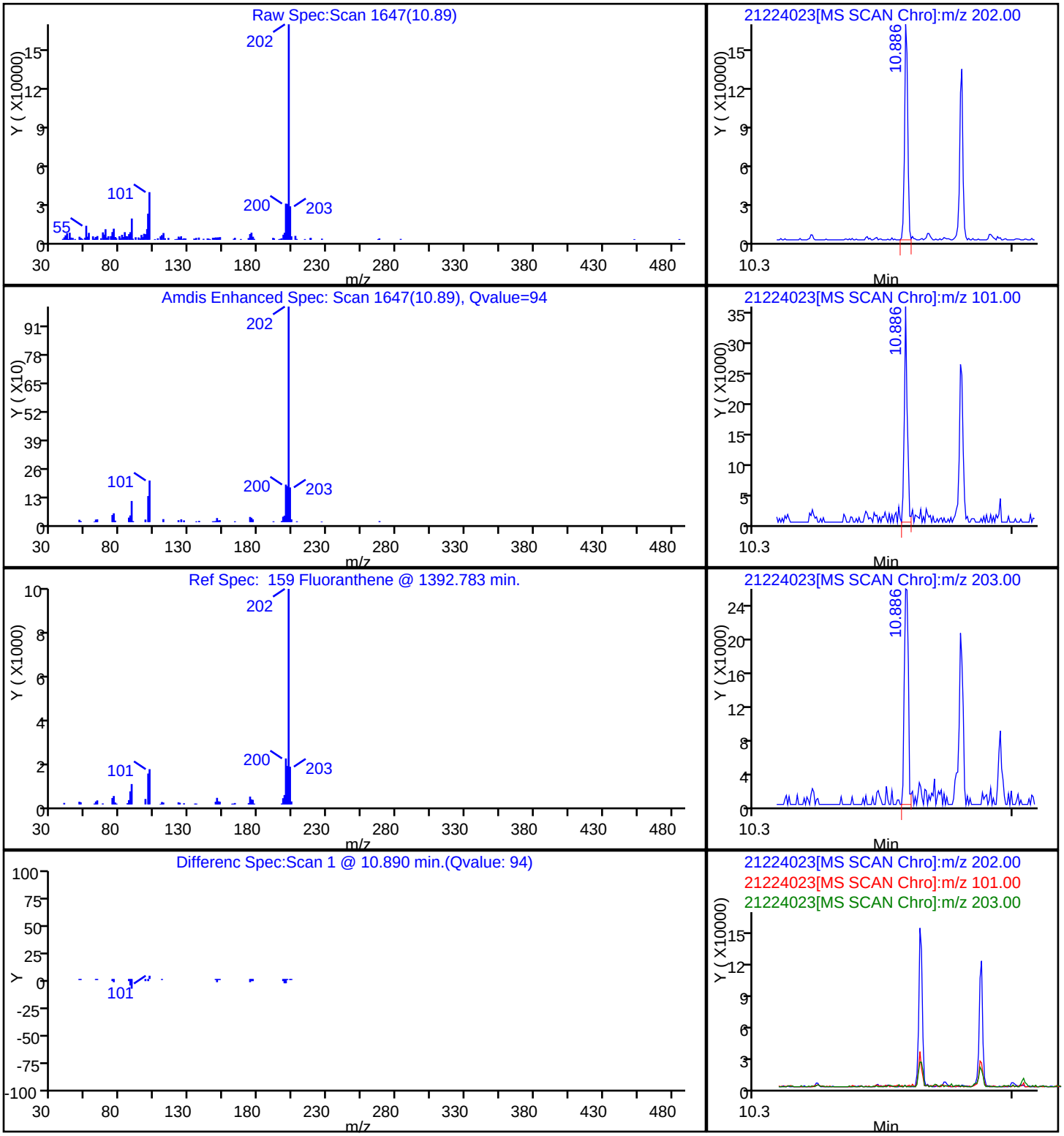


Report Date: 25-Dec-2012 12:56:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D		
Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



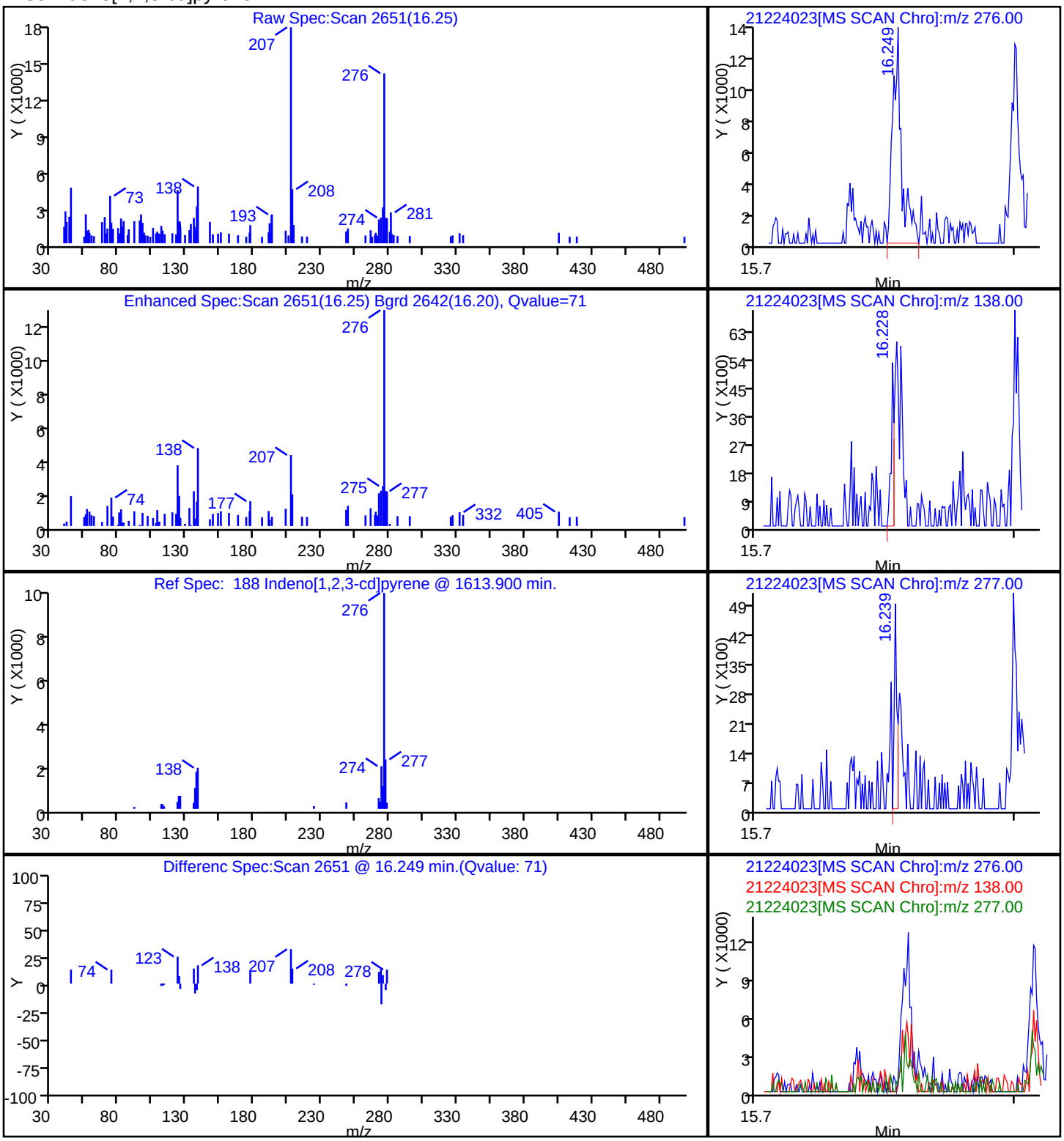
Report Date: 25-Dec-2012 12:56:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D

Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



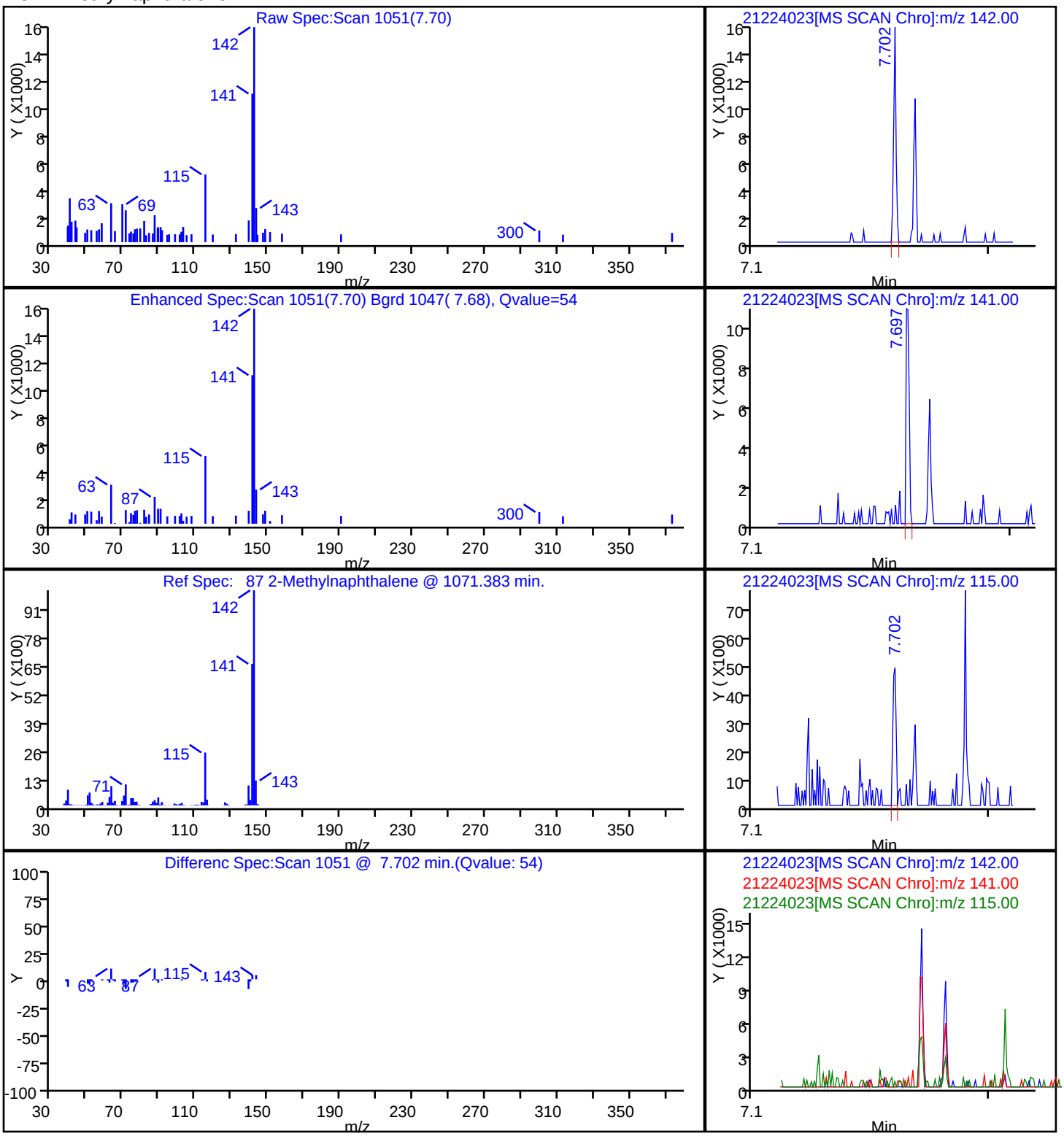
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D

Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene



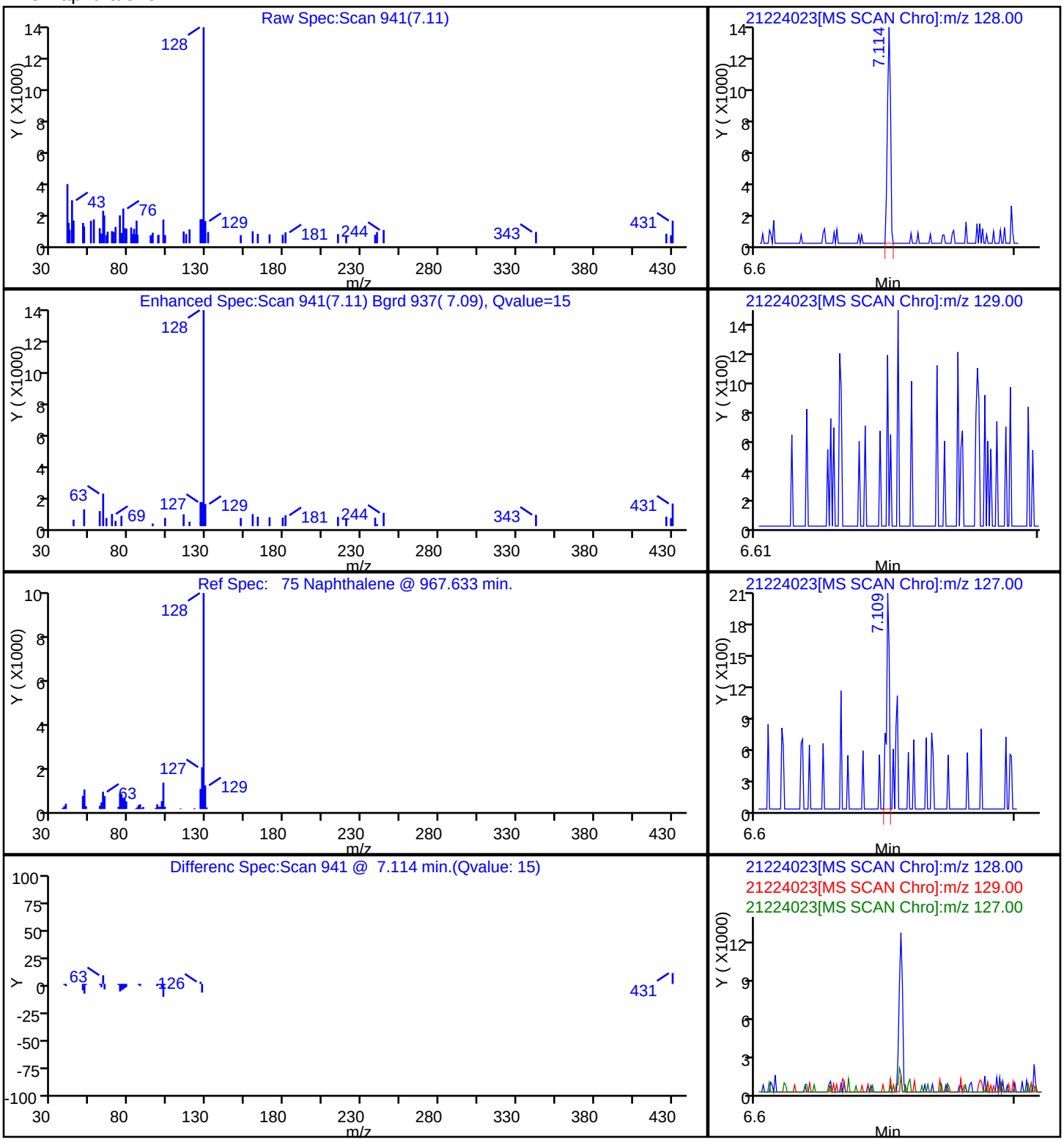
Report Date: 25-Dec-2012 12:56:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D

Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene



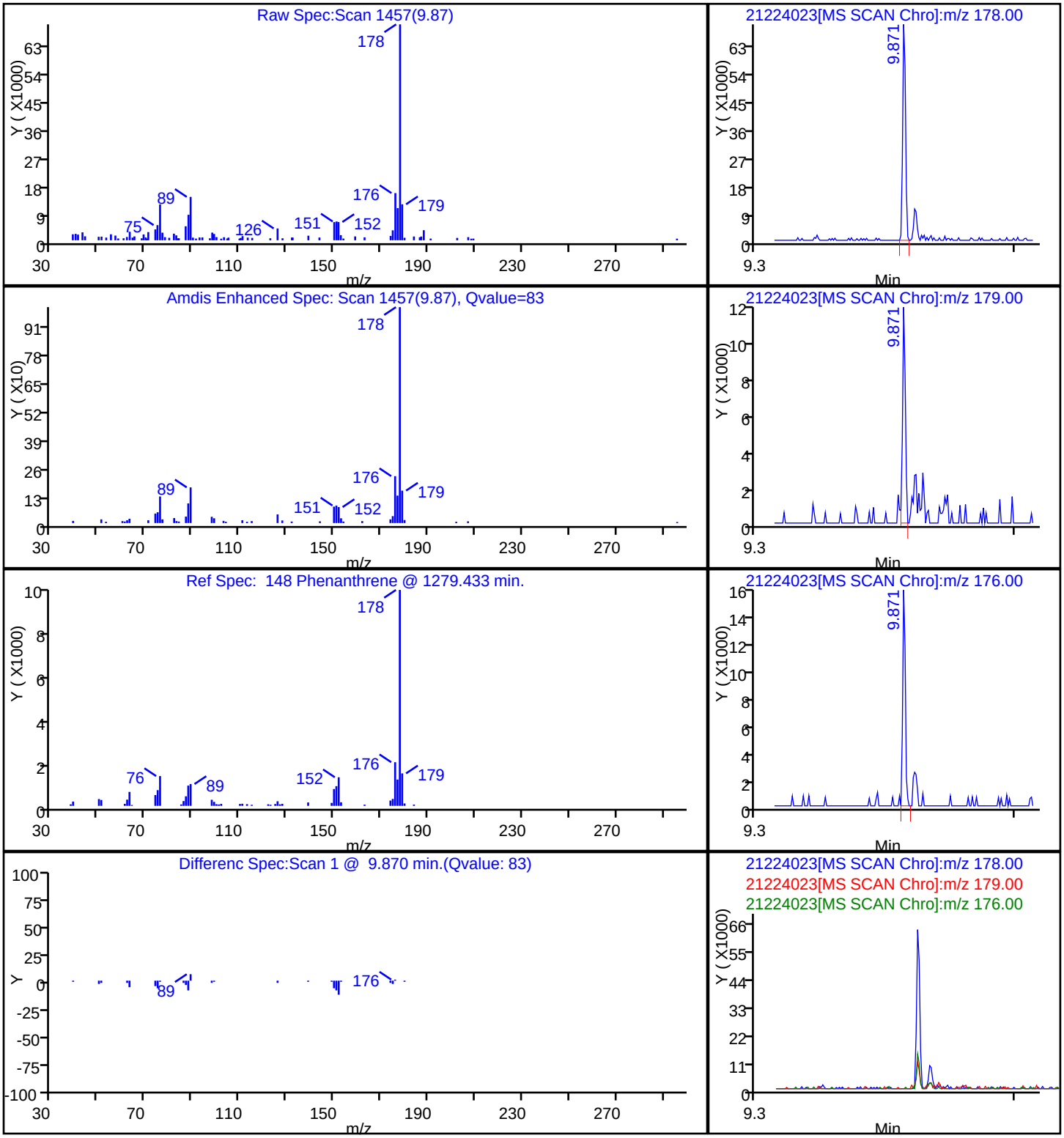
Report Date: 25-Dec-2012 12:56:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D

Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



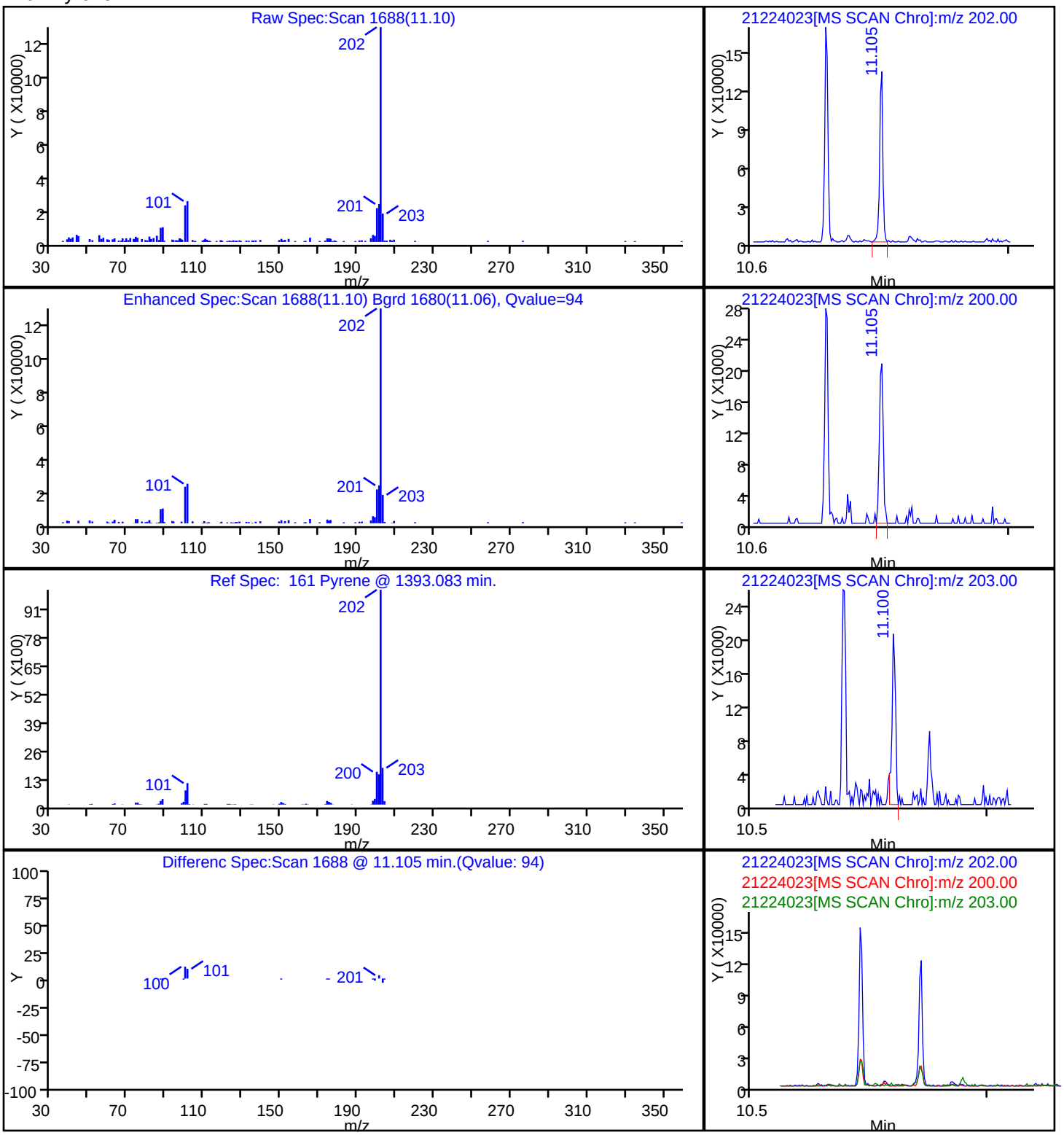
Report Date: 25-Dec-2012 12:56:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D

Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



Manual Integration/User Assign Peak Report

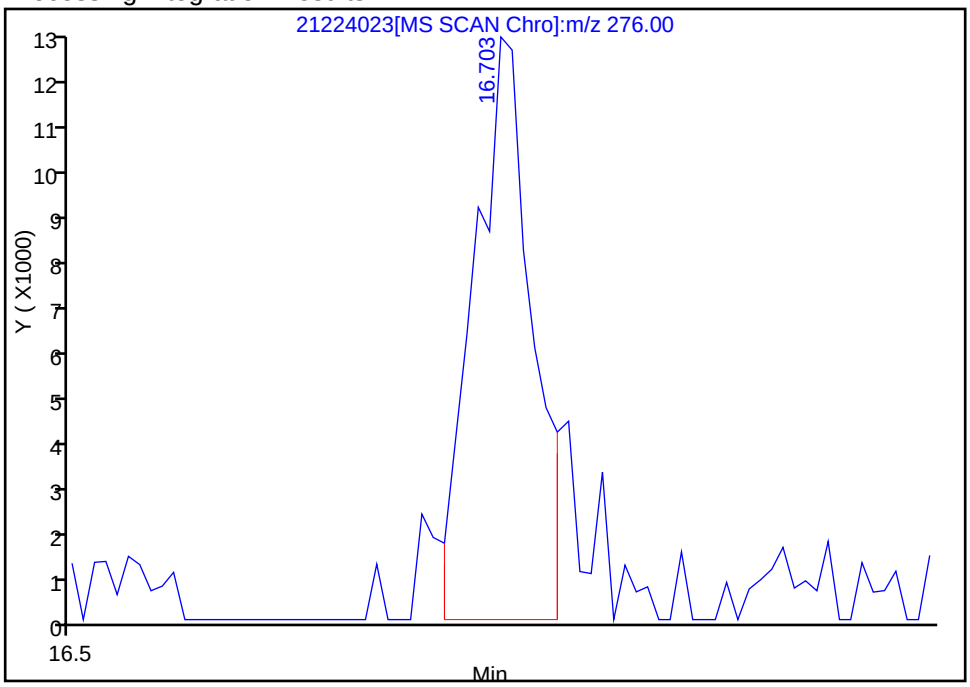
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D		
Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
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: 16.73

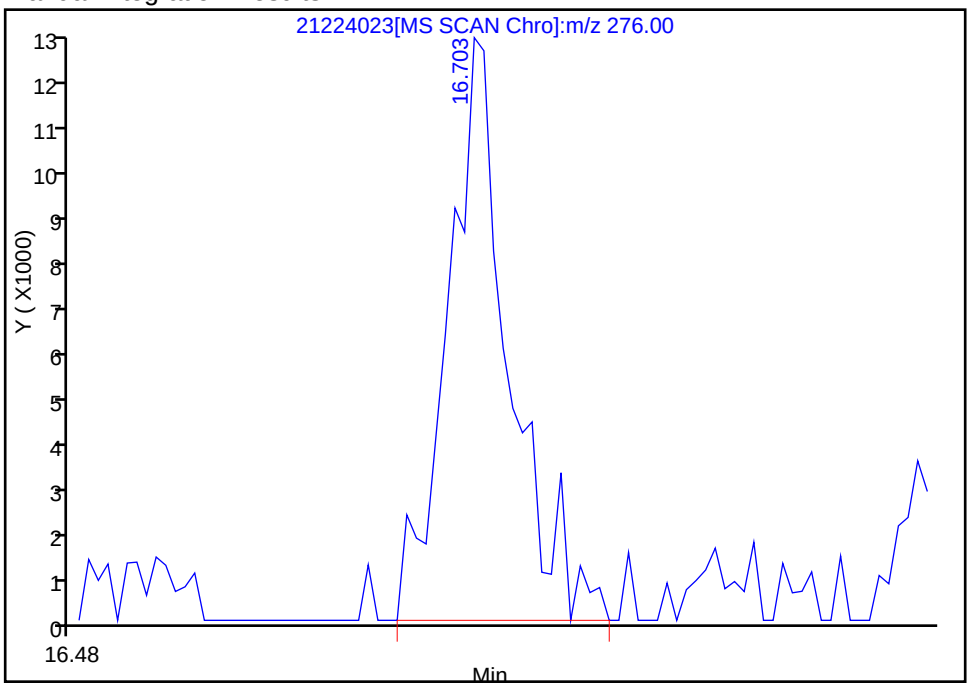
Processing Integration Results

RT: 16.70
Response: 24198
Amount: 0.317761



Manual Integration Results

RT: 16.70
Response: 29279
Amount: 0.362989



Reviewer: ulmanm, 25-Dec-2012 12:28:08
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

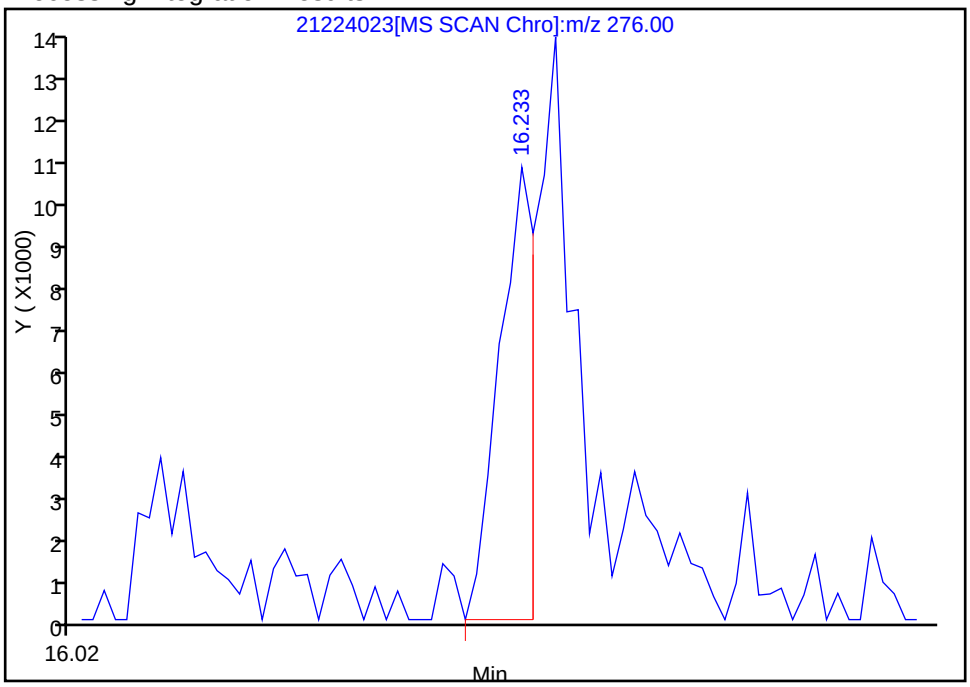
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224023.D		
Injection Date:	24-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	23
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: 16.25

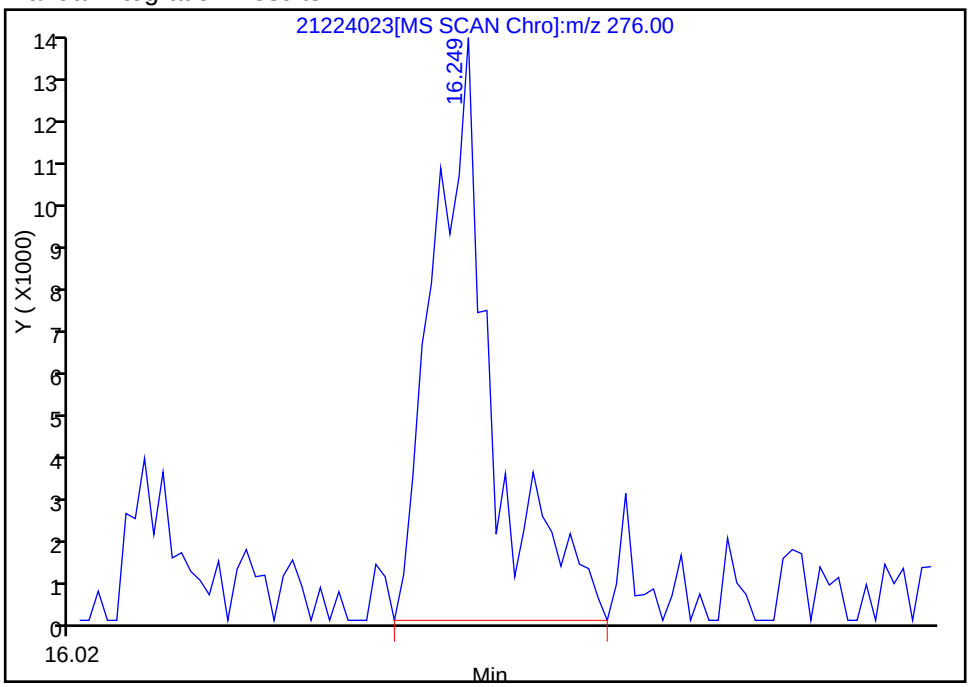
Processing Integration Results

RT: 16.23
Response: 12192
Amount: 0.088534



Manual Integration Results

RT: 16.25
Response: 31689
Amount: 0.230114



Reviewer: ulmanm, 25-Dec-2012 12:28:08
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0080-0001-SO | Lab Sample ID: 240-18703-22

Matrix: Solid | Lab File ID: 21224024.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 15:16

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.10(g) | Date Analyzed: 12/24/2012 19:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.9	U	7.8	3.9	3.9
208-96-8	Acenaphthylene	3.9	U	7.8	3.9	3.9
120-12-7	Anthracene	3.9	U	7.8	3.9	3.9
56-55-3	Benzo[a]anthracene	3.9	U	7.8	3.9	3.9
50-32-8	Benzo[a]pyrene	3.9	U	7.8	3.9	3.9
205-99-2	Benzo[b]fluoranthene	6.1	J M	7.8	3.9	3.9
191-24-2	Benzo[g,h,i]perylene	3.9	U	7.8	3.9	3.9
65-85-0	Benzoic acid	390	U	770	390	390
207-08-9	Benzo[k]fluoranthene	3.9	U	7.8	3.9	3.9
100-51-6	Benzyl alcohol	32	U	390	32	25
111-91-1	Bis(2-chloroethoxy)methane	32	U	120	32	26
111-44-4	Bis(2-chloroethyl)ether	3.9	U	120	3.9	2.3
108-60-1	bis (2-chloroisopropyl) ether	32	U	120	32	11
117-81-7	Bis(2-ethylhexyl) phthalate	31	J	59	32	22
101-55-3	4-Bromophenyl phenyl ether	32	U	59	32	15
85-68-7	Butyl benzyl phthalate	32	U	59	32	12
86-74-8	Carbazole	32	U	59	32	32
106-47-8	4-Chloroaniline	32	U	180	32	20
59-50-7	4-Chloro-3-methylphenol	32	U	180	32	25
91-58-7	2-Chloronaphthalene	3.9	U	59	3.9	3.9
95-57-8	2-Chlorophenol	32	U	59	32	32
7005-72-3	4-Chlorophenyl phenyl ether	32	U	59	32	15
218-01-9	Chrysene	4.5	J	7.8	3.9	1.3
53-70-3	Dibenz(a,h)anthracene	3.9	U	7.8	3.9	3.9
132-64-9	Dibenzofuran	3.9	U	59	3.9	3.9
95-50-1	1,2-Dichlorobenzene	32	U	59	32	11
541-73-1	1,3-Dichlorobenzene	32	U	59	32	13
106-46-7	1,4-Dichlorobenzene	32	U	59	32	23
91-94-1	3,3'-Dichlorobenzidine	94	U	120	94	21
120-83-2	2,4-Dichlorophenol	32	U	180	32	23
84-66-2	Diethyl phthalate	32	U	59	32	19
105-67-9	2,4-Dimethylphenol	94	U	180	94	23
131-11-3	Dimethyl phthalate	32	U	59	32	20
84-74-2	Di-n-butyl phthalate	32	U	59	32	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0080-0001-SO | Lab Sample ID: 240-18703-22

Matrix: Solid | Lab File ID: 21224024.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 15:16

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.10(g) | Date Analyzed: 12/24/2012 19:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	94	U	180	94	94
51-28-5	2,4-Dinitrophenol	94	U	390	94	94
121-14-2	2,4-Dinitrotoluene	32	U	230	32	32
606-20-2	2,6-Dinitrotoluene	32	U	230	32	25
117-84-0	Di-n-octyl phthalate	32	U	59	32	32
206-44-0	Fluoranthene	3.9	U	7.8	3.9	3.9
86-73-7	Fluorene	3.9	U	7.8	3.9	3.9
118-74-1	Hexachlorobenzene	3.9	U	7.8	3.9	2.5
87-68-3	Hexachlorobutadiene	32	U	59	32	32
77-47-4	Hexachlorocyclopentadiene	32	U	390	32	32
67-72-1	Hexachloroethane	32	U	59	32	11
193-39-5	Indeno[1,2,3-cd]pyrene	3.9	U	7.8	3.9	3.9
78-59-1	Isophorone	32	U	59	32	15
91-57-6	2-Methylnaphthalene	17		7.8	3.9	3.9
95-48-7	2-Methylphenol	94	U	230	94	94
15831-10-4	3 & 4 Methylphenol	94	U	470	94	23
91-20-3	Naphthalene	12		7.8	3.9	3.9
88-74-4	2-Nitroaniline	32	U	230	32	11
99-09-2	3-Nitroaniline	94	U	230	94	19
100-01-6	4-Nitroaniline	32	U	230	32	30
98-95-3	Nitrobenzene	3.9	U	120	3.9	2.6
88-75-5	2-Nitrophenol	32	U	59	32	32
100-02-7	4-Nitrophenol	94	U	390	94	94
621-64-7	N-Nitrosodi-n-propylamine	32	U	59	32	32
86-30-6	N-Nitrosodiphenylamine	32	U	59	32	25
87-86-5	Pentachlorophenol	94	U	180	94	94
85-01-8	Phenanthrene	3.9	U	7.8	3.9	3.9
108-95-2	Phenol	32	U	59	32	32
129-00-0	Pyrene	3.9	U	7.8	3.9	3.9
120-82-1	1,2,4-Trichlorobenzene	32	U	59	32	32
95-95-4	2,4,5-Trichlorophenol	32	U	180	32	29
88-06-2	2,4,6-Trichlorophenol	94	U	180	94	94

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0080-0001-SO | Lab Sample ID: 240-18703-22

Matrix: Solid | Lab File ID: 21224024.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 15:16

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.10(g) | Date Analyzed: 12/24/2012 19:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	54		45-105
367-12-4	2-Fluorophenol (Surr)	72		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	60		35-100
4165-62-2	Phenol-d5 (Surr)	71		40-100
1718-51-0	Terphenyl-d14 (Surr)	68		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	56		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224024.D
Lims ID: 240-18703-H-22-A Client ID: 072SB-0080-0001-SO
Inject. Date: 24-Dec-2012 19:39:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016149-024
Misc. Info.: 240-18703-H-22-A =240-18703-H-22-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 69988 Lims Sample ID: 24
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26 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: XAWRK027

First Level Reviewer: ulmanm Date: 25-Dec-2012 12:30:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.988	5.988	0.0	94	126076	4.00	
* 2 Naphthalene-d8	136	7.094	7.094	0.0	99	478215	4.00	
* 3 Acenaphthene-d10	164	8.589	8.589	0.0	85	278885	4.00	
* 4 Phenanthrene-d10	188	9.850	9.856	-0.006	94	508838	4.00	
* 5 Chrysene-d12	240	12.441	12.446	-0.005	79	490843	4.00	
* 6 Perylene-d12	264	14.546	14.557	-0.011	80	384482	4.00	
$ 7 2-Fluorophenol	112	4.764	4.748	0.016	94	457405	10.8	
$ 8 Phenol-d5	99	5.624	5.625	-0.001	0	665464	10.7	
$ 9 Nitrobenzene-d5	82	6.469	6.469	0.0	85	438777	6.00	
$ 10 2-Fluorobiphenyl (Surr)	172	8.002	8.002	0.0	99	604553	5.41	
$ 11 2,4,6-Tribromophenol	330	9.252	9.257	-0.005	79	81435	8.41	
$ 12 Terphenyl-d14	244	11.218	11.223	-0.005	98	759741	6.84	
43 Phenol	94		5.635					9
69 Bis(2-chloroethyl)ether	93		5.737					9
46 2-Chlorophenol	128		5.796					
47 1,3-Dichlorobenzene	146		5.940					
48 1,4-Dichlorobenzene	146		6.004					
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					9
21 3 & 4 Methylphenol	108		6.308					
57 N-Nitrosodi-n-propylamine	70		6.324					9
61 Hexachloroethane	117		6.437					9
62 Nitrobenzene	77		6.485					
64 Isophorone	82		6.688					9
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					9
71 Benzoic acid	122	6.778	6.827	-0.049	66	2821	0.9551	
70 Bis(2-chloroethoxy)methane	93		6.859					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.960					
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128	7.115	7.115	0.0	21	18684	0.1484	
76 4-Chloroaniline	127		7.147					9
79 Hexachlorobutadiene	225		7.211					
86 4-Chloro-3-methylphenol	107		7.532					
87 2-Methylnaphthalene	142	7.703	7.703	0.0	67	18403	0.2213	
89 Hexachlorocyclopentadiene	237		7.831					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65		8.189					
105 Dimethyl phthalate	163		8.328					9
107 2,6-Dinitrotoluene	165		8.386					9
109 Acenaphthylene	152		8.472					9
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153		8.622					
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					
114 2,4-Dinitrotoluene	165		8.728					9
116 Dibenzofuran	168		8.766					9
121 Diethyl phthalate	149		8.921					9
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166		9.054					
128 4,6-Dinitro-2-methylphenol	198		9.076					
131 N-Nitrosodiphenylamine	169		9.134					9
139 4-Bromophenyl phenyl ether	248		9.455					
141 Hexachlorobenzene	284		9.519					
143 Pentachlorophenol	266		9.679					
148 Phenanthrene	178		9.877					
149 Anthracene	178		9.920					9
151 Carbazole	167		10.043					9
154 Di-n-butyl phthalate	149		10.299					
159 Fluoranthene	202		10.892					9
161 Pyrene	202		11.106					9
168 Butyl benzyl phthalate	149		11.709					
175 3,3'-Dichlorobenzidine	252		12.372					
173 Bis(2-ethylhexyl) phthalate	149	12.382	12.393	-0.011	75	36075	0.3996	
177 Benzo[a]anthracene	228		12.430					9
178 Chrysene	228	12.473	12.479	-0.006	16	7978	0.0580	
180 Di-n-octyl phthalate	149		13.323					
182 Benzo[b]fluoranthene	252	13.958	13.964	-0.006	62	10073	0.0786	M
183 Benzo[k]fluoranthene	252		14.006					
184 Benzo[a]pyrene	252		14.471					
188 Indeno[1,2,3-cd]pyrene	276		16.250					9
189 Dibenz(a,h)anthracene	278		16.282					
190 Benzo[g,h,i]perylene	276		16.726					M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

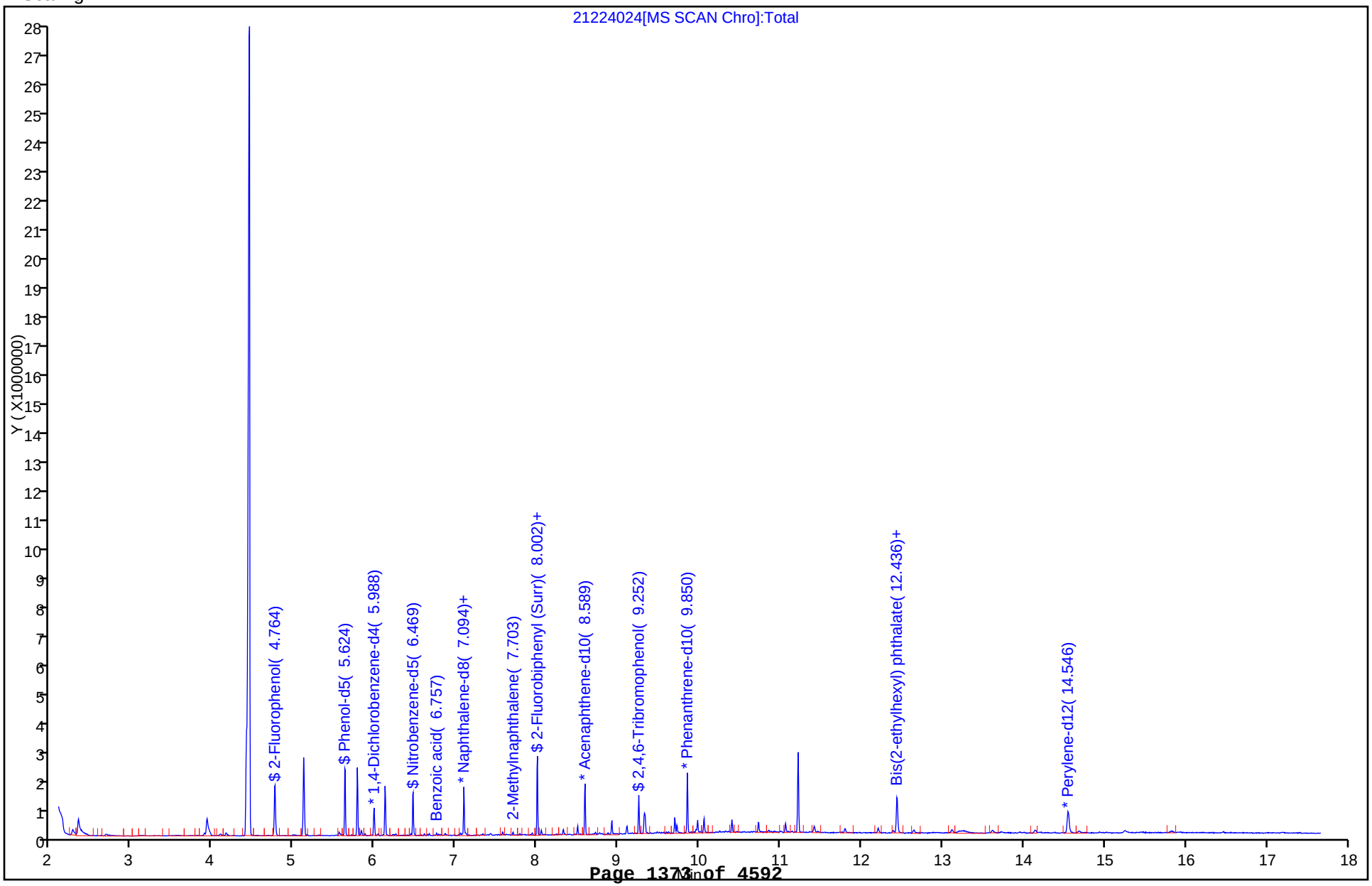
Review Flags
M - Manually Integrated

Report Date: 25-Dec-2012 12:56:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224024.D		
Injection Date:	24-Dec-2012 19:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	24
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



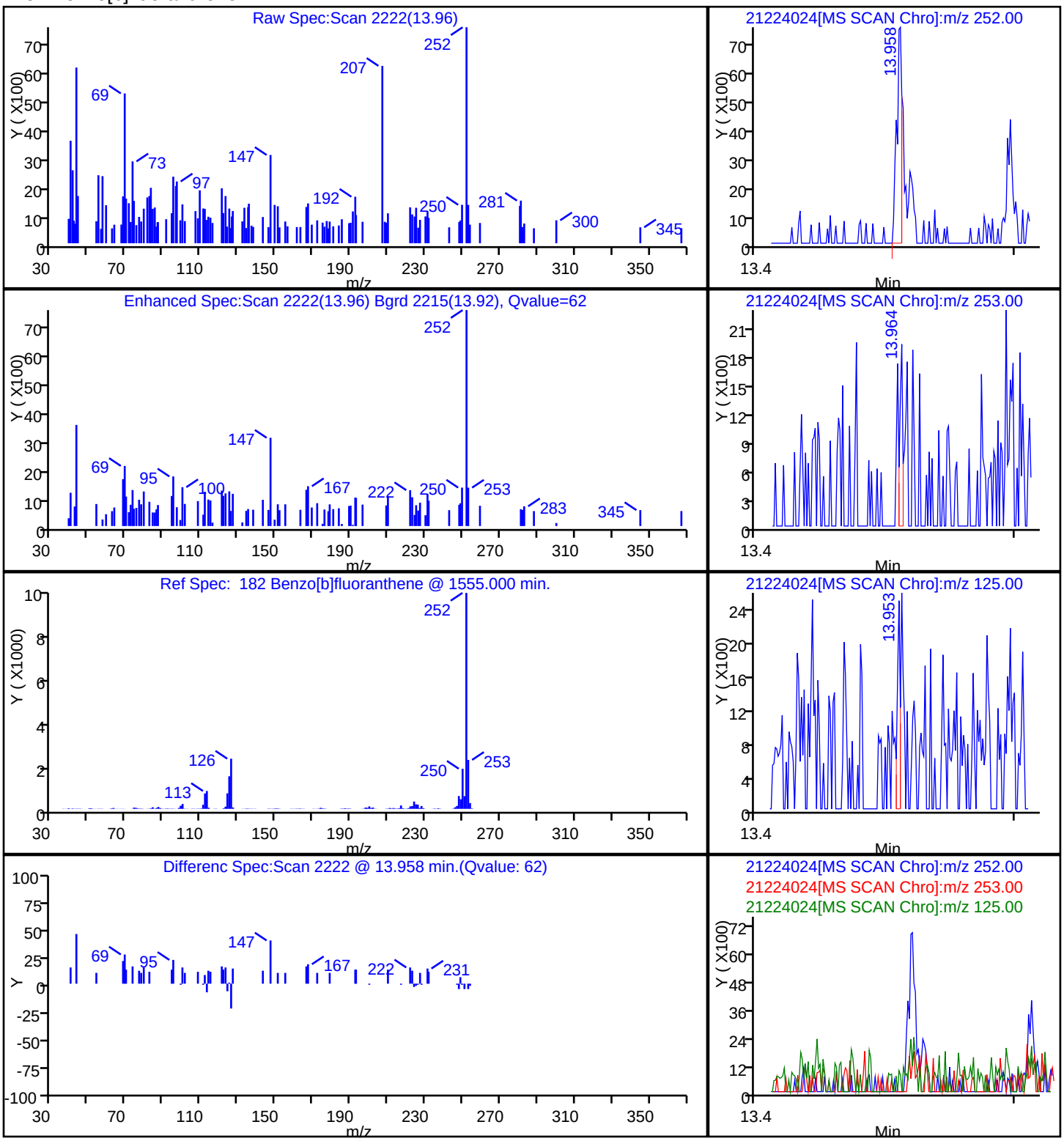
Report Date: 25-Dec-2012 12:56:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224024.D

Injection Date:	24-Dec-2012 19:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	24
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



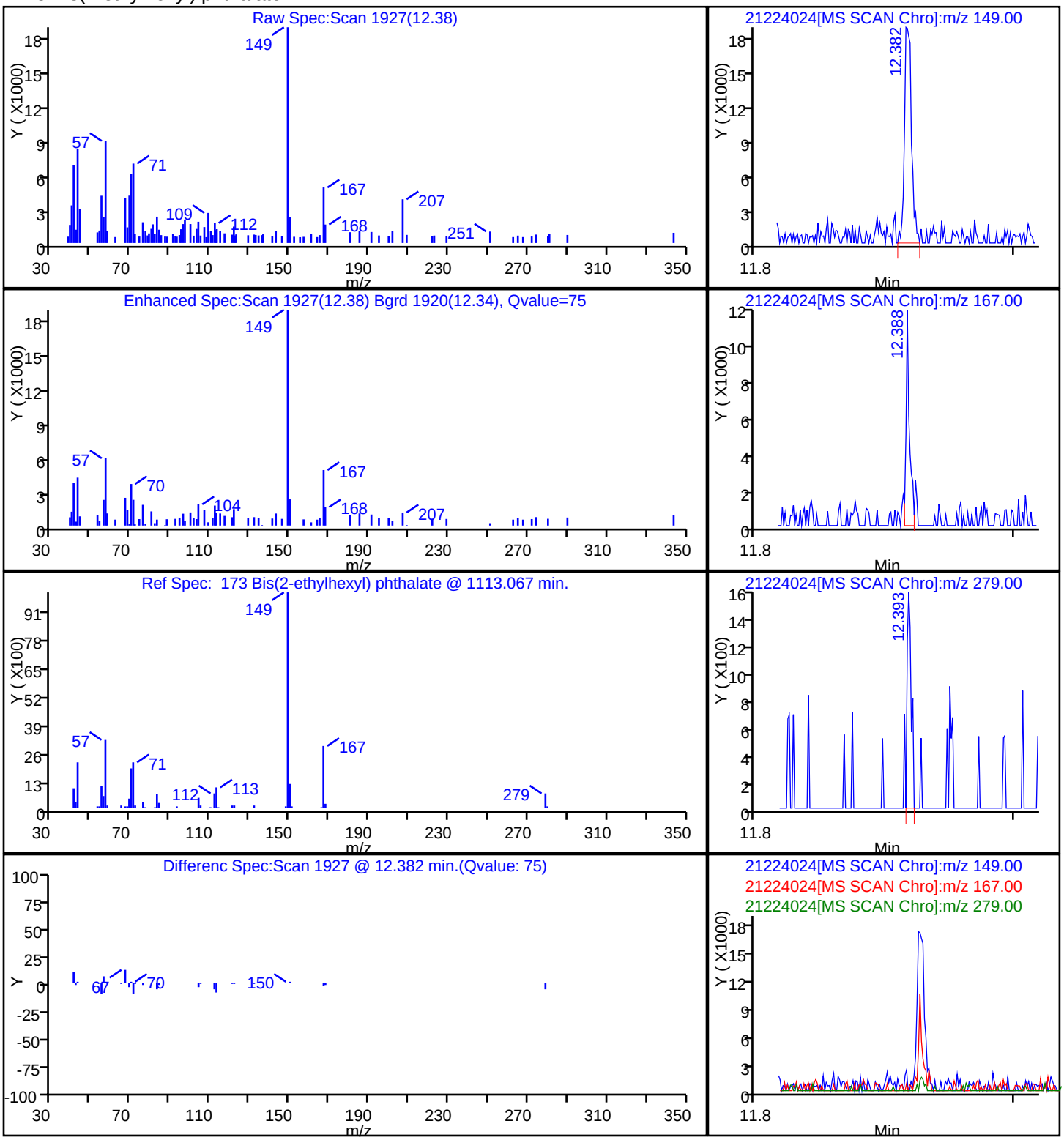
Report Date: 25-Dec-2012 12:56:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224024.D

Injection Date:	24-Dec-2012 19:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	24
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

173 Bis(2-ethylhexyl) phthalate



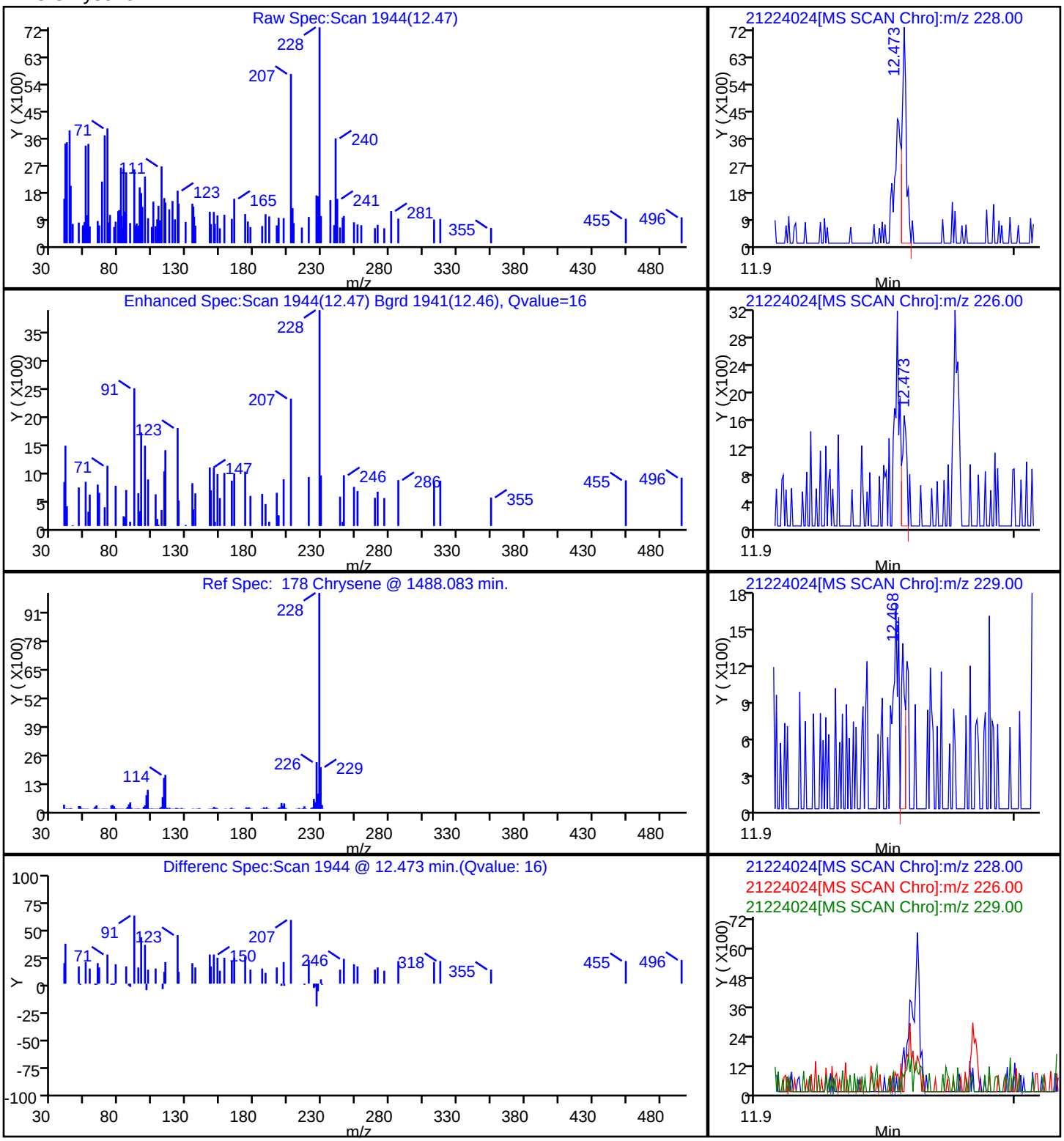
Report Date: 25-Dec-2012 12:56:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224024.D

Injection Date:	24-Dec-2012 19:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	24
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene



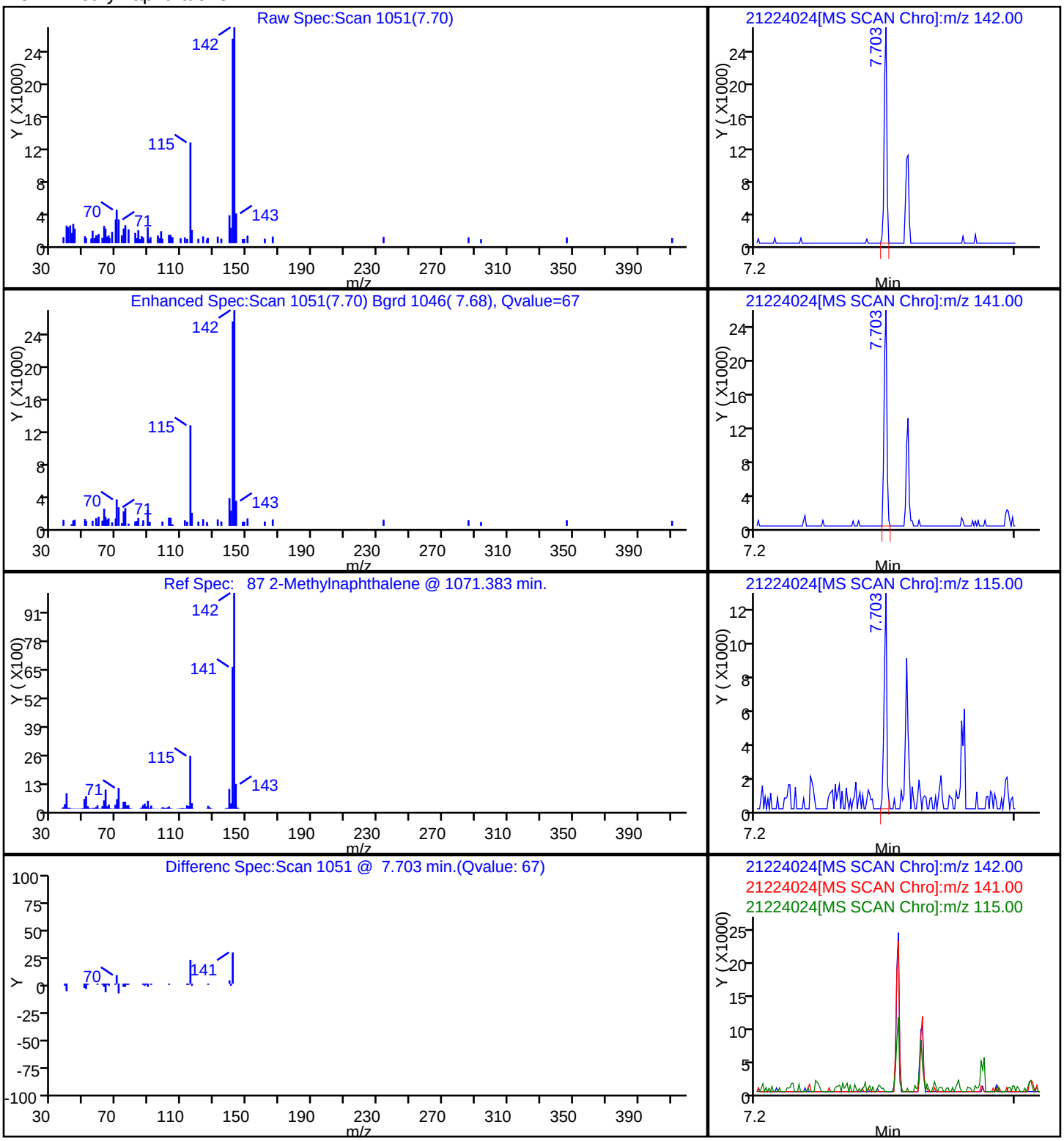
Report Date: 25-Dec-2012 12:56:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224024.D

Injection Date:	24-Dec-2012 19:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	24
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene



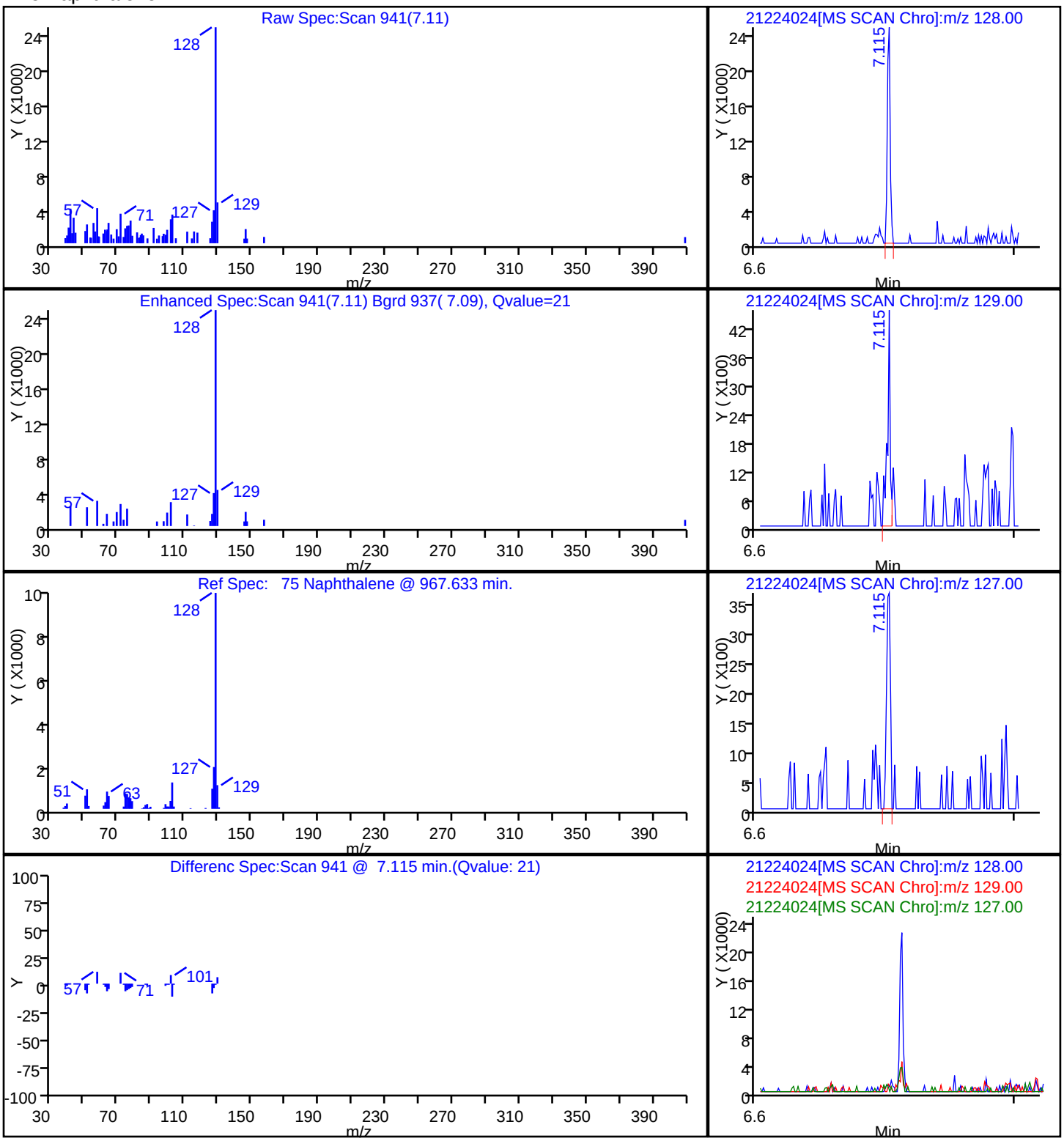
Report Date: 25-Dec-2012 12:56:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224024.D

Injection Date:	24-Dec-2012 19:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	24
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene



Manual Integration/User Assign Peak Report

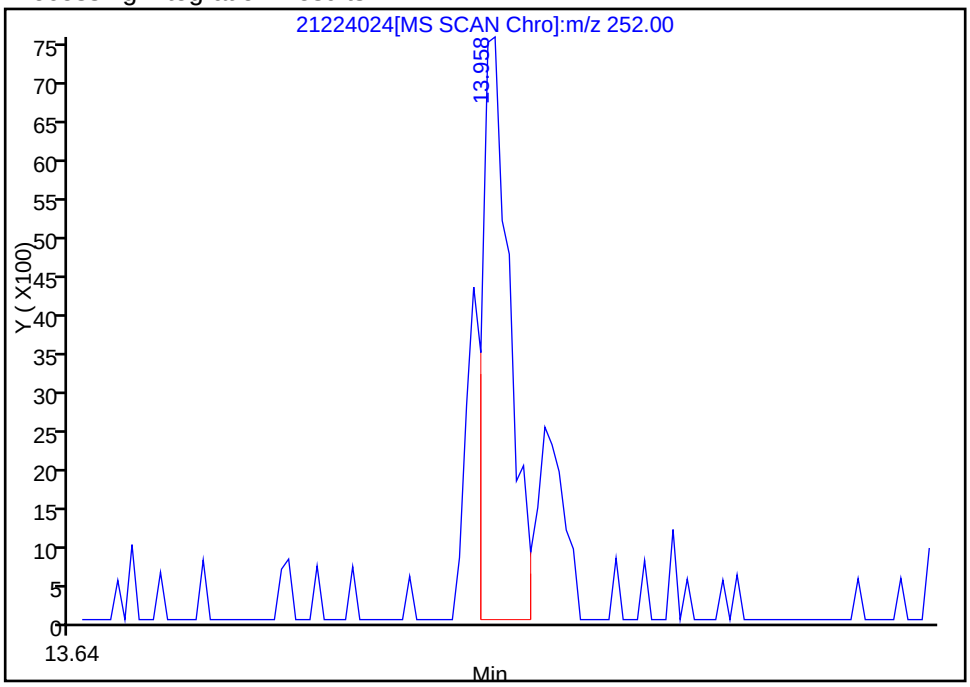
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224024.D		
Injection Date:	24-Dec-2012 19:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	24
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.96

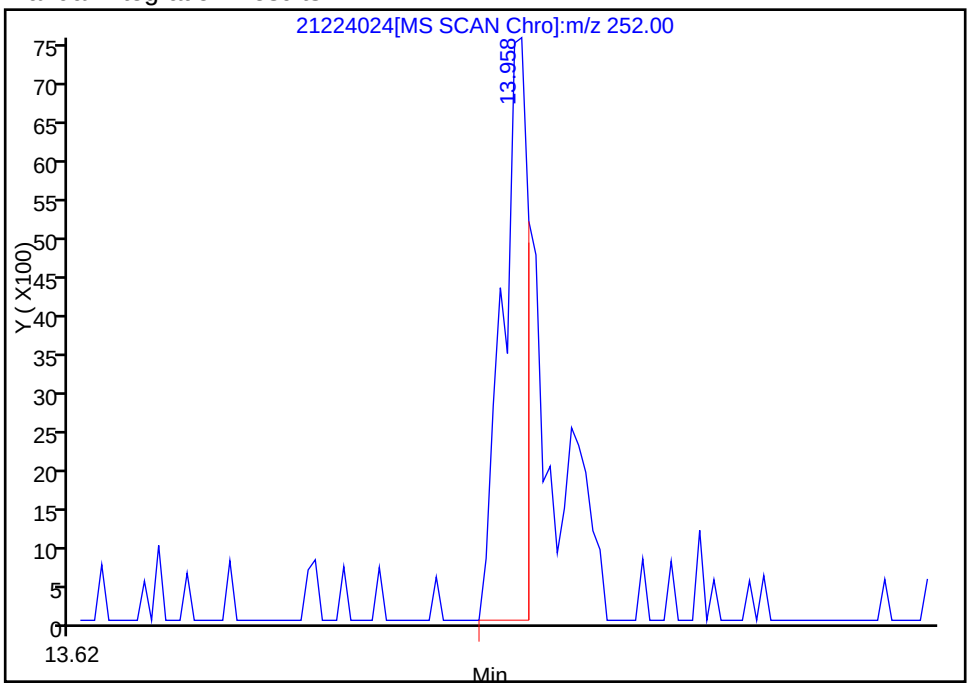
Processing Integration Results

RT: 13.96
Response: 10559
Amount: 0.082351



Manual Integration Results

RT: 13.96
Response: 10073
Amount: 0.078560



Reviewer: ulmanm, 25-Dec-2012 12:30:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0081-0001-SO | Lab Sample ID: 240-18703-23

Matrix: Solid | Lab File ID: 21231011.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 14:50

Extract. Method: 3540C | Date Extracted: 12/20/2012 12:23

Sample wt/vol: 30.29(g) | Date Analyzed: 12/31/2012 13:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70697 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.7	U	7.5	3.7	3.7
208-96-8	Acenaphthylene	3.7	U	7.5	3.7	3.7
120-12-7	Anthracene	3.7	U	7.5	3.7	3.7
56-55-3	Benzo[a]anthracene	3.7	U	7.5	3.7	3.7
50-32-8	Benzo[a]pyrene	3.7	U	7.5	3.7	3.7
205-99-2	Benzo[b]fluoranthene	3.7	U	7.5	3.7	3.7
191-24-2	Benzo[g,h,i]perylene	3.7	U	7.5	3.7	3.7
65-85-0	Benzoic acid	370	U	740	370	370
207-08-9	Benzo[k]fluoranthene	3.7	U	7.5	3.7	3.7
100-51-6	Benzyl alcohol	30	U	370	30	24
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	2.3
108-60-1	bis (2-chloroisopropyl) ether	30	U	110	30	11
117-81-7	Bis(2-ethylhexyl) phthalate	31	J	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	24
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	7.5	3.7	1.2
53-70-3	Dibenz(a,h)anthracene	3.7	U	7.5	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	23
91-94-1	3,3'-Dichlorobenzidine	90	U	110	90	20
120-83-2	2,4-Dichlorophenol	30	U	170	30	23
84-66-2	Diethyl phthalate	30	U	56	30	18
105-67-9	2,4-Dimethylphenol	90	U	170	90	23
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0081-0001-SO | Lab Sample ID: 240-18703-23

Matrix: Solid | Lab File ID: 21231011.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 14:50

Extract. Method: 3540C | Date Extracted: 12/20/2012 12:23

Sample wt/vol: 30.29(g) | Date Analyzed: 12/31/2012 13:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70697 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	90	U	170	90	90
51-28-5	2,4-Dinitrophenol	90	U	370	90	90
121-14-2	2,4-Dinitrotoluene	30	U	230	30	30
606-20-2	2,6-Dinitrotoluene	30	U	230	30	24
117-84-0	Di-n-octyl phthalate	30	U	56	30	30
206-44-0	Fluoranthene	3.7	U	7.5	3.7	3.7
86-73-7	Fluorene	3.7	U	7.5	3.7	3.7
118-74-1	Hexachlorobenzene	3.7	U	7.5	3.7	2.4
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	7.5	3.7	3.7
78-59-1	Isophorone	30	U	56	30	15
91-57-6	2-Methylnaphthalene	3.7	U	7.5	3.7	3.7
95-48-7	2-Methylphenol	90	U	230	90	90
15831-10-4	3 & 4 Methylphenol	90	U	450	90	23
91-20-3	Naphthalene	3.7	U	7.5	3.7	3.7
88-74-4	2-Nitroaniline	30	U	230	30	10
99-09-2	3-Nitroaniline	90	U	230	90	18
100-01-6	4-Nitroaniline	30	U	230	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	90	U	370	90	90
621-64-7	N-Nitrosodi-n-propylamine	30	U	56	30	30
86-30-6	N-Nitrosodiphenylamine	30	U	56	30	24
87-86-5	Pentachlorophenol	90	U	170	90	90
85-01-8	Phenanthrene	3.7	U	7.5	3.7	3.7
108-95-2	Phenol	30	U	56	30	30
129-00-0	Pyrene	3.7	U	7.5	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	90	U	170	90	90

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0081-0001-SO | Lab Sample ID: 240-18703-23

Matrix: Solid | Lab File ID: 21231011.D

Analysis Method: 8270C/DoD | Date Collected: 12/10/2012 14:50

Extract. Method: 3540C | Date Extracted: 12/20/2012 12:23

Sample wt/vol: 30.29(g) | Date Analyzed: 12/31/2012 13:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70697 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	50		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)	67		40-100
1718-51-0	Terphenyl-d14 (Surr)	65		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	54		35-125

Report Date: 02-Jan-2013 12:45:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231011.D
Lims ID: 240-18703-I-23-B Client ID: 072SB-0081-0001-SO
Inject. Date: 31-Dec-2012 13:03:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016305-011
Misc. Info.: 240-18703-I-23-B
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 70697 Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\8270_hp7.m
Last Update: 02-Jan-2013 12:44:45 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: XAWRK026

First Level Reviewer: gruberj Date: 31-Dec-2012 14:19:09

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.815	5.816	-0.001	96	213380	4.00	
* 2 Naphthalene-d8	136	6.933	6.933	0.0	99	855259	4.00	
* 3 Acenaphthene-d10	164	8.426	8.426	0.0	93	511795	4.00	
* 4 Phenanthrene-d10	188	9.677	9.677	0.0	98	835047	4.00	
* 5 Chrysene-d12	240	12.170	12.170	0.0	97	853034	4.00	
* 6 Perylene-d12	264	14.186	14.186	0.0	92	730326	4.00	
$ 7 2-Fluorophenol	112	4.553	4.543	0.010	95	641582	9.80	
$ 8 Phenol-d5	99	5.462	5.457	0.005	97	873358	10.0	
$ 9 Nitrobenzene-d5	82	6.302	6.302	0.0	94	482182	5.12	
$ 10 2-Fluorobiphenyl (Surr)	172	7.843	7.843	0.0	100	918614	5.01	
$ 11 2,4,6-Tribromophenol	330	9.089	9.089	0.0	93	138755	8.06	
$ 12 Terphenyl-d14	244	11.014	11.015	-0.001	99	1132499	6.49	
41 Phenol	94		5.473					9
44 Bis(2-chloroethyl)ether	93		5.570					
46 2-Chlorophenol	128		5.618					9
47 1,3-Dichlorobenzene	146		5.762					9
48 1,4-Dichlorobenzene	146		5.832					9
49 Benzyl alcohol	108		5.928					9
50 1,2-Dichlorobenzene	146		5.965					
51 2-Methylphenol	108		6.019					9
52 2,2'-oxybis[1-chloropropane]	45		6.051					
191 3 & 4 Methylphenol	108		6.153					
56 N-Nitrosodi-n-propylamine	70		6.163					9
60 Hexachloroethane	117		6.270					
61 Nitrobenzene	77		6.324					
63 Isophorone	82		6.527					
65 2-Nitrophenol	139		6.602					
64 2,4-Dimethylphenol	107		6.618					9
69 Benzoic acid	122		6.682					
68 Bis(2-chloroethoxy)methane	93		6.704					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.805					
72 1,2,4-Trichlorobenzene	180		6.880					
73 Naphthalene	128		6.955					
74 4-Chloroaniline	127		6.987					9
77 Hexachlorobutadiene	225		7.051					
84 4-Chloro-3-methylphenol	107		7.383					9
85 2-Methylnaphthalene	142		7.538					9
88 Hexachlorocyclopentadiene	237		7.672					
90 2,4,6-Trichlorophenol	196		7.768					
91 2,4,5-Trichlorophenol	196		7.800					
98 2-Chloronaphthalene	162		7.955					
100 2-Nitroaniline	65		8.030					
103 Dimethyl phthalate	163		8.169					9
105 2,6-Dinitrotoluene	165		8.228					
107 Acenaphthylene	152		8.308					9
108 3-Nitroaniline	138		8.372					
110 Acenaphthene	153		8.453					
109 2,4-Dinitrophenol	184		8.458					
111 4-Nitrophenol	109		8.490					9
112 2,4-Dinitrotoluene	165		8.565					
114 Dibenzofuran	168		8.597					9
119 Diethyl phthalate	149		8.757					9
121 4-Chlorophenyl phenyl ether	204		8.875					
124 Fluorene	166		8.886					9
123 4-Nitroaniline	138		8.886					9
126 4,6-Dinitro-2-methylphenol	198		8.913					
130 N-Nitrosodiphenylamine	169		8.966					
137 4-Bromophenyl phenyl ether	248		9.287					
139 Hexachlorobenzene	284		9.351					
141 Pentachlorophenol	266		9.506					
146 Phenanthrene	178		9.699					
147 Anthracene	178		9.742					
149 Carbazole	167		9.865					9
151 Di-n-butyl phthalate	149		10.127					
157 Fluoranthene	202		10.699					
160 Pyrene	202		10.902					9
166 Butyl benzyl phthalate	149		11.480					
173 3,3'-Dichlorobenzidine	252		12.106					9
171 Bis(2-ethylhexyl) phthalate	149	12.127	12.127	0.0	90	40089	0.4136	
175 Benzo[a]anthracene	228		12.159					9
176 Chrysene	228		12.202					9
178 Di-n-octyl phthalate	149		13.010					
180 Benzo[b]fluoranthene	252		13.619					
181 Benzo[k]fluoranthene	252		13.657					
182 Benzo[a]pyrene	252		14.106					
186 Indeno[1,2,3-cd]pyrene	276		15.802					9
187 Dibenz(a,h)anthracene	278		15.828					9
188 Benzo[g,h,i]perylene	276		16.224					9

QC Flag Legend

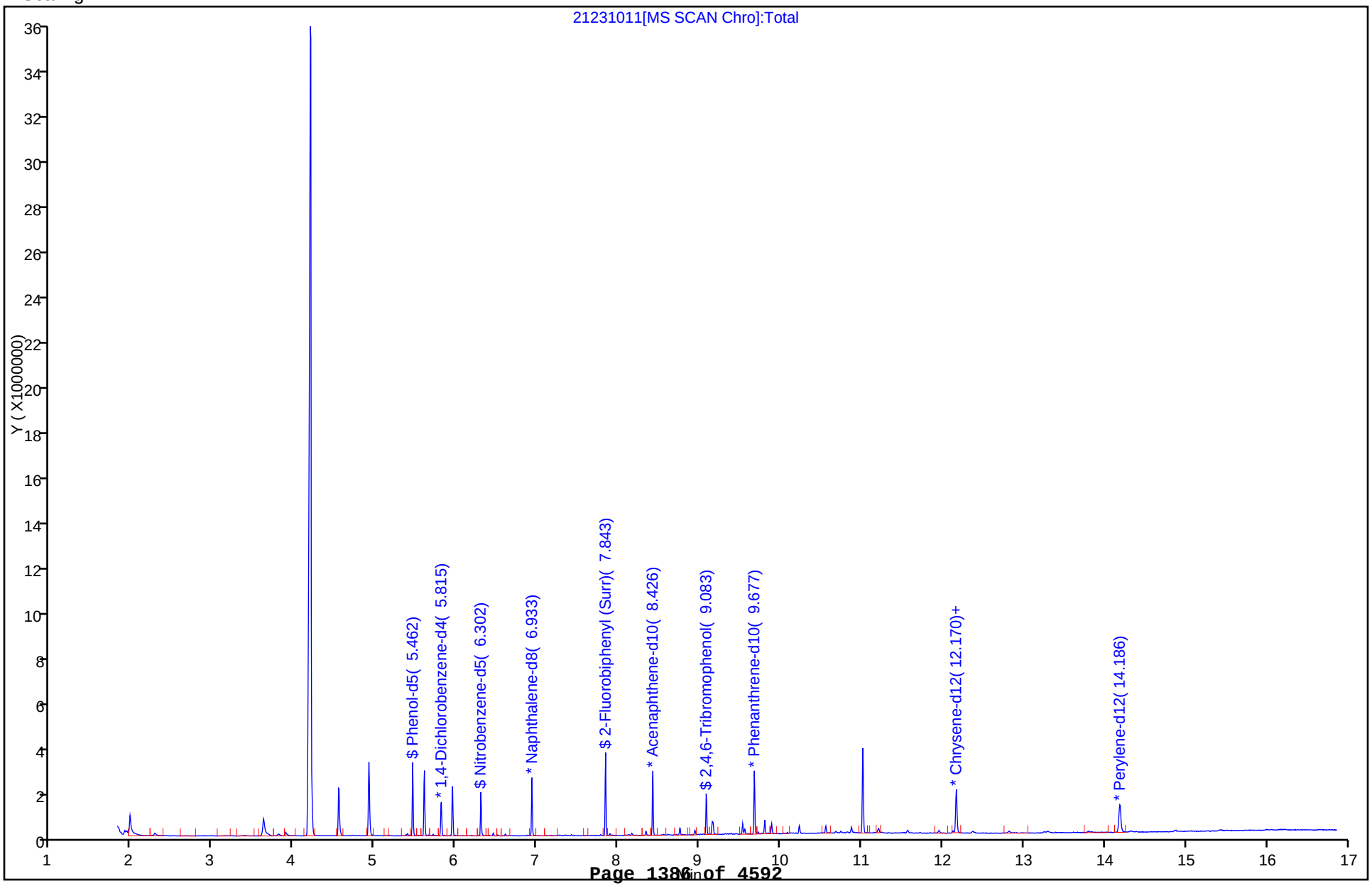
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 02-Jan-2013 12:45:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231011.D		
Injection Date:	31-Dec-2012 13:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0081-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70697	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



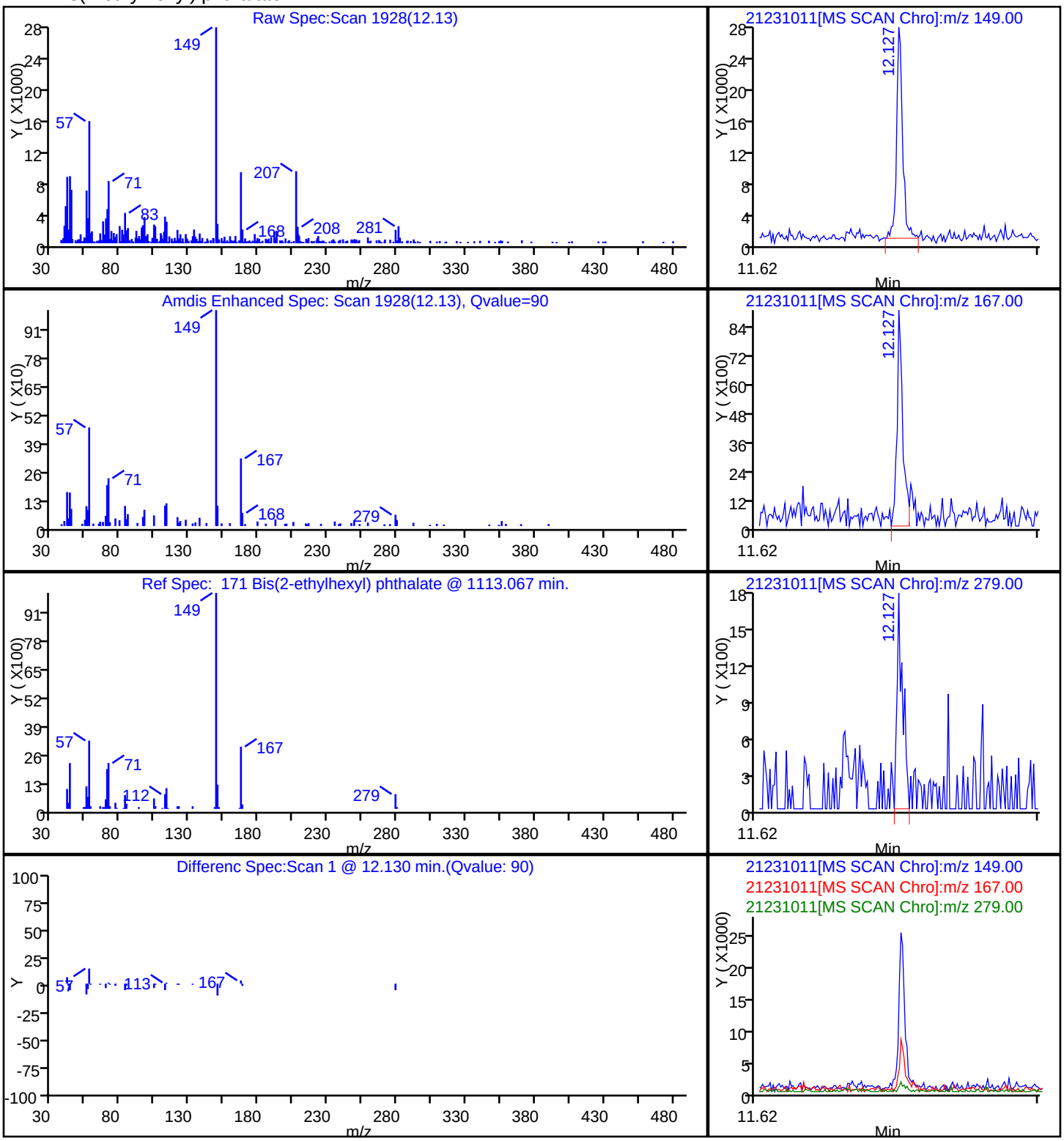
Report Date: 02-Jan-2013 12:45:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231011.D

Injection Date:	31-Dec-2012 13:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	072SB-0081-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	70697	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



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER | Lab Sample ID: 240-18703-24

Matrix: Water | Lab File ID: 21217006.D

Analysis Method: 8270C/DoD | Date Collected: 12/09/2012 10:30

Extract. Method: 3520C | Date Extracted: 12/13/2012 11:21

Sample wt/vol: 1050(mL) | Date Analyzed: 12/17/2012 12:04

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.: 68962 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	0.095	U	0.19	0.095	0.095
208-96-8	Acenaphthylene	0.095	U	0.19	0.095	0.095
120-12-7	Anthracene	0.095	U	0.19	0.095	0.095
56-55-3	Benzo[a]anthracene	0.095	U	0.19	0.095	0.095
50-32-8	Benzo[a]pyrene	0.095	U	0.19	0.095	0.095
205-99-2	Benzo[b]fluoranthene	0.095	U	0.19	0.095	0.095
191-24-2	Benzo[g,h,i]perylene	0.095	U	0.19	0.095	0.095
65-85-0	Benzoic acid	9.5	U	24	9.5	9.5
207-08-9	Benzo[k]fluoranthene	0.095	U	0.19	0.095	0.095
100-51-6	Benzyl alcohol	0.76	U	4.8	0.76	0.36
111-91-1	Bis(2-chloroethoxy)methane	0.76	U	0.95	0.76	0.30
111-44-4	Bis(2-chloroethyl)ether	0.095	U	0.95	0.095	0.095
108-60-1	bis (2-chloroisopropyl) ether	0.76	U	0.95	0.76	0.38
117-81-7	Bis(2-ethylhexyl) phthalate	0.76	U	1.9	0.76	0.76
101-55-3	4-Bromophenyl phenyl ether	0.76	U	1.9	0.76	0.76
85-68-7	Butyl benzyl phthalate	0.76	U	0.95	0.76	0.76
86-74-8	Carbazole	0.76	U	0.95	0.76	0.27
106-47-8	4-Chloroaniline	0.76	U	1.9	0.76	0.76
59-50-7	4-Chloro-3-methylphenol	0.76	U	1.9	0.76	0.76
91-58-7	2-Chloronaphthalene	0.095	U	0.95	0.095	0.095
95-57-8	2-Chlorophenol	0.76	U	0.95	0.76	0.28
7005-72-3	4-Chlorophenyl phenyl ether	0.76	U	1.9	0.76	0.29
218-01-9	Chrysene	0.095	U	0.19	0.095	0.095
53-70-3	Dibenz(a,h)anthracene	0.095	U	0.19	0.095	0.095
132-64-9	Dibenzofuran	0.095	U	0.95	0.095	0.095
95-50-1	1,2-Dichlorobenzene	0.76	U	0.95	0.76	0.28
541-73-1	1,3-Dichlorobenzene	0.76	U	0.95	0.76	0.76
106-46-7	1,4-Dichlorobenzene	0.76	U	0.95	0.76	0.32
91-94-1	3,3'-Dichlorobenzidine	0.76	U	4.8	0.76	0.35
120-83-2	2,4-Dichlorophenol	0.76	U	1.9	0.76	0.76
84-66-2	Diethyl phthalate	0.76	U	0.95	0.76	0.57
105-67-9	2,4-Dimethylphenol	0.76	U	1.9	0.76	0.76
131-11-3	Dimethyl phthalate	0.76	U	0.95	0.76	0.28
84-74-2	Di-n-butyl phthalate	0.76	U	0.95	0.76	0.64

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER | Lab Sample ID: 240-18703-24

Matrix: Water | Lab File ID: 21217006.D

Analysis Method: 8270C/DoD | Date Collected: 12/09/2012 10:30

Extract. Method: 3520C | Date Extracted: 12/13/2012 11:21

Sample wt/vol: 1050(mL) | Date Analyzed: 12/17/2012 12:04

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.: 68962 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	2.3	U	4.8	2.3	2.3
51-28-5	2,4-Dinitrophenol	2.3	U	4.8	2.3	2.3
121-14-2	2,4-Dinitrotoluene	0.76	U	4.8	0.76	0.26
606-20-2	2,6-Dinitrotoluene	0.76	U	4.8	0.76	0.76
117-84-0	Di-n-octyl phthalate	0.76	U	0.95	0.76	0.76
206-44-0	Fluoranthene	0.095	U	0.19	0.095	0.095
86-73-7	Fluorene	0.095	U	0.19	0.095	0.095
118-74-1	Hexachlorobenzene	0.095	U	0.19	0.095	0.095
87-68-3	Hexachlorobutadiene	0.76	U	0.95	0.76	0.26
77-47-4	Hexachlorocyclopentadiene	0.76	U	9.5	0.76	0.76
67-72-1	Hexachloroethane	0.76	U	0.95	0.76	0.76
193-39-5	Indeno[1,2,3-cd]pyrene	0.095	U	0.19	0.095	0.095
78-59-1	Isophorone	0.76	U	0.95	0.76	0.26
91-57-6	2-Methylnaphthalene	0.095	U	0.19	0.095	0.095
95-48-7	2-Methylphenol	0.76	U	0.95	0.76	0.76
15831-10-4	3 & 4 Methylphenol	0.76	U	1.9	0.76	0.76
91-20-3	Naphthalene	0.095	U	0.19	0.095	0.095
88-74-4	2-Nitroaniline	0.76	U	1.9	0.76	0.76
99-09-2	3-Nitroaniline	0.76	U	1.9	0.76	0.27
100-01-6	4-Nitroaniline	0.76	U	1.9	0.76	0.76
98-95-3	Nitrobenzene	0.095	U	0.95	0.095	0.038
88-75-5	2-Nitrophenol	0.76	U	1.9	0.76	0.27
100-02-7	4-Nitrophenol	2.3	U	4.8	2.3	2.3
621-64-7	N-Nitrosodi-n-propylamine	0.76	U	0.95	0.76	0.76
86-30-6	N-Nitrosodiphenylamine	0.76	U	0.95	0.76	0.30
87-86-5	Pentachlorophenol	2.3	U	4.8	2.3	2.3
85-01-8	Phenanthrene	0.095	U	0.19	0.095	0.095
108-95-2	Phenol	0.76	U	0.95	0.76	0.57
129-00-0	Pyrene	0.095	U	0.19	0.095	0.095
120-82-1	1,2,4-Trichlorobenzene	0.76	U	0.95	0.76	0.27
95-95-4	2,4,5-Trichlorophenol	0.76	U	4.8	0.76	0.29
88-06-2	2,4,6-Trichlorophenol	0.76	U	4.8	0.76	0.76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER | Lab Sample ID: 240-18703-24

Matrix: Water | Lab File ID: 21217006.D

Analysis Method: 8270C/DoD | Date Collected: 12/09/2012 10:30

Extract. Method: 3520C | Date Extracted: 12/13/2012 11:21

Sample wt/vol: 1050(mL) | Date Analyzed: 12/17/2012 12:04

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.: 68962 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	66		50-110
367-12-4	2-Fluorophenol (Surr)	60		20-110
4165-60-0	Nitrobenzene-d5 (Surr)	69		40-110
4165-62-2	Phenol-d5 (Surr)	64		10-115
1718-51-0	Terphenyl-d14 (Surr)	76		50-135
118-79-6	2,4,6-Tribromophenol (Surr)	69		40-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217006.D		
Lims ID:	240-18703-M-24-A	Client ID:	076-0140-0001-ER
Inject. Date:	17-Dec-2012 12:04:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015912-006		
Misc. Info.:	240-18703-m-24-a		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	68962	Lims Sample ID:	6
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121217-15912.b\8270_hp7.m		
Last Update:	18-Dec-2012 09:22:49	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: gruberj		Date:	17-Dec-2012 12:53:20

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.794	5.794	0.0	96	180589	4.00	
* 2 Naphthalene-d8	136	6.917	6.918	-0.001	100	674917	4.00	
* 3 Acenaphthene-d10	164	8.415	8.415	0.0	93	402622	4.00	
* 4 Phenanthrene-d10	188	9.667	9.672	-0.005	97	712925	4.00	
* 5 Chrysene-d12	240	12.148	12.148	0.0	98	756063	4.00	
* 6 Perylene-d12	264	14.159	14.160	-0.001	93	581759	4.00	
$ 7 2-Fluorophenol	112	4.484	4.484	0.0	94	503804	9.03	
$ 8 Phenol-d5	99	5.441	5.441	0.0	90	681062	9.61	
$ 9 Nitrobenzene-d5	82	6.286	6.292	-0.006	91	407886	6.87	
$ 10 2-Fluorobiphenyl (Surr)	172	7.832	7.832	0.0	99	855809	6.55	
$ 11 2,4,6-Tribromophenol	330	9.078	9.078	0.0	94	171518	10.3	
$ 12 Terphenyl-d14	244	11.004	11.004	0.0	99	1064880	7.60	
41 Phenol	94		5.452					9
44 Bis(2-chloroethyl)ether	93		5.543					9
46 2-Chlorophenol	128		5.596					
47 1,3-Dichlorobenzene	146		5.741					
48 1,4-Dichlorobenzene	146		5.810					
49 Benzyl alcohol	108		5.912					9
50 1,2-Dichlorobenzene	146		5.944					
51 2-Methylphenol	108		6.008					9
52 2,2'-oxybis[1-chloropropane]	45		6.035					9
191 3 & 4 Methylphenol	108		6.142					
56 N-Nitrosodi-n-propylamine	70		6.147					9
60 Hexachloroethane	117		6.249					
61 Nitrobenzene	77		6.308					9
63 Isophorone	82		6.511					9
65 2-Nitrophenol	139		6.586					
64 2,4-Dimethylphenol	107		6.607					
69 Benzoic acid	122		6.682					9
68 Bis(2-chloroethoxy)methane	93		6.693					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.789					
72 1,2,4-Trichlorobenzene	180		6.869					
73 Naphthalene	128		6.939					9
74 4-Chloroaniline	127		6.976					
77 Hexachlorobutadiene	225		7.035					
84 4-Chloro-3-methylphenol	107		7.377					
85 2-Methylnaphthalene	142		7.527					
88 Hexachlorocyclopentadiene	237		7.656					
90 2,4,6-Trichlorophenol	196		7.763					
91 2,4,5-Trichlorophenol	196		7.795					
98 2-Chloronaphthalene	162		7.944					
100 2-Nitroaniline	65		8.019					
103 Dimethyl phthalate	163		8.164					9
105 2,6-Dinitrotoluene	165		8.223					9
107 Acenaphthylene	152		8.297					
108 3-Nitroaniline	138		8.367					
110 Acenaphthene	153		8.442					
109 2,4-Dinitrophenol	184		8.453					
111 4-Nitrophenol	109		8.490					9
112 2,4-Dinitrotoluene	165		8.560					
114 Dibenzofuran	168		8.586					
119 Diethyl phthalate	149		8.752					
121 4-Chlorophenyl phenyl ether	204		8.864					
124 Fluorene	166		8.875					
123 4-Nitroaniline	138		8.880					
126 4,6-Dinitro-2-methylphenol	198		8.907					
130 N-Nitrosodiphenylamine	169		8.961					
137 4-Bromophenyl phenyl ether	248		9.276					
139 Hexachlorobenzene	284		9.340					
141 Pentachlorophenol	266		9.501					
146 Phenanthrene	178		9.688					9
147 Anthracene	178		9.731					9
149 Carbazole	167		9.859					9
151 Di-n-butyl phthalate	149		10.116					
157 Fluoranthene	202		10.694					9
160 Pyrene	202		10.892					9
166 Butyl benzyl phthalate	149		11.464					9
173 3,3'-Dichlorobenzidine	252		12.090					
171 Bis(2-ethylhexyl) phthalate	149	12.106	12.106	0.0	92	24856	0.3708	
175 Benzo[a]anthracene	228		12.138					9
176 Chrysene	228		12.186					9
178 Di-n-octyl phthalate	149		12.978					9
180 Benzo[b]fluoranthene	252		13.593					9
181 Benzo[k]fluoranthene	252		13.635					9
182 Benzo[a]pyrene	252		14.079					9
186 Indeno[1,2,3-cd]pyrene	276		15.780					
187 Dibenz(a,h)anthracene	278		15.802					
188 Benzo[g,h,i]perylene	276		16.197					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

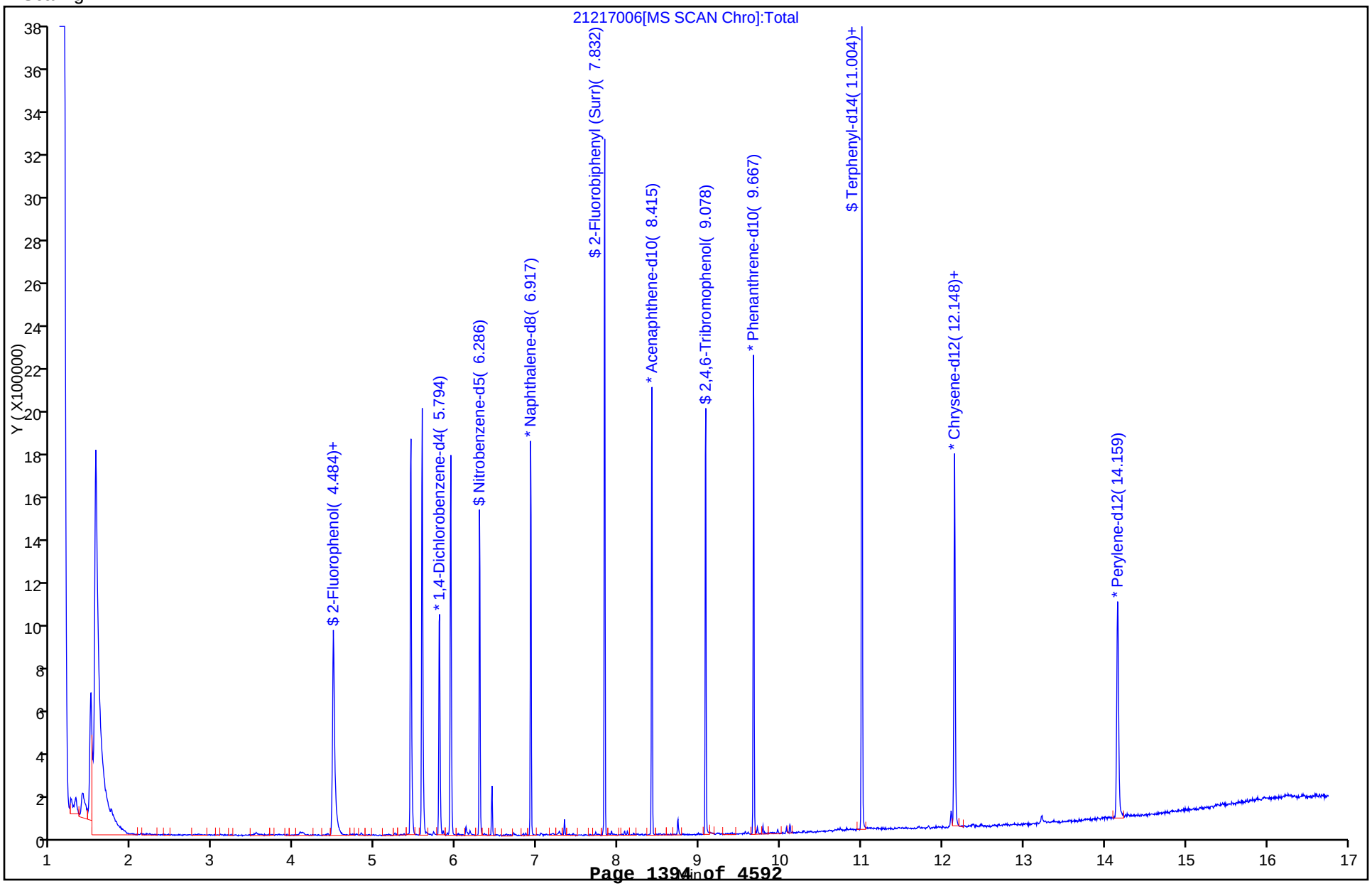
Report Date: 18-Dec-2012 09:22:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217006.D

Injection Date:	17-Dec-2012 12:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076-0140-0001-ER	Instrument ID:	A4HP7
Lims Batch ID:	68962	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-64102/6	21107006.D
Level 2	STD2 240-64102/5	21107005.D
Level 3	STD3 240-64102/4	21107004.D
Level 4	STD4 240-64102/3	21107003.D
Level 5	STD5 240-64102/2	21107002.D
Level 6	STD6 240-64102/10	21107010.D
Level 7	STD7 240-64102/9	21107009.D
Level 8	STD8 240-64102/8	21107008.D
Level 9	STD9 240-64102/7	21107007.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	0.5098	0.4258 0.4025	0.4233 0.4000	0.5026 0.5258	0.5238	Ave		0.4642			0.0500	12.0		15.0			
N-Nitrosodimethylamine	0.7466	0.6150 0.8001	0.5266 0.8648	0.6430 0.8002	0.7826	Qua	-0.306	0.8297	0.0001		0.0500				0.9960		0.9950
Pyridine	1.4012	1.0155 1.3966	1.1996 1.4827	1.3443 1.4204	1.3817	Ave		1.3303			0.0500	11.0		15.0			
Ethyl methacrylate	1.1053	1.0237 1.0809	1.0903 1.1665	1.1162 1.1059	1.1536	Ave		1.1053			0.0500	4.0		15.0			
3-Chloropropionitrile	0.7989	0.6637 0.7606	0.6150 0.8291	0.6839 0.7714	0.7780	Ave		0.7376			0.0500	10.0		15.0			
Malononitrile	1.5126	1.0434 1.4755	1.2150 1.6007	1.4016 1.4411	1.4417	Ave		1.3915			0.0500	13.0		15.0			
Benzaldehyde	1.1223 0.9797	1.1474 0.9098	1.1435 0.8355	1.1028 +++++	1.1020	Ave		1.0429			0.0500	11.0		15.0			
Phenol	1.6961	1.5065 1.6700	1.6375 1.7836	1.7118 1.6917	1.6927	Ave		1.6737			0.0500	4.7		15.0			
Aniline	2.0926	1.9993 2.0854	2.0423 2.2370	2.0653 2.1256	2.0983	Ave		2.0932			0.0500	3.3		15.0			
Bis(2-chloroethyl)ether	1.3021	1.2999 1.2645	1.2714 1.3657	1.2622 1.2964	1.2800	Ave		1.2928			0.0500	2.6		15.0			
2-Chlorophenol	1.3572	1.3048 1.3270	1.3231 1.4546	1.3092 1.3716	1.3699	Ave		1.3522			0.0500	3.6		15.0			
1,3-Dichlorobenzene	1.4700	1.4809 1.4147	1.4524 1.5251	1.4366 1.4428	1.4372	Ave		1.4574			0.0500	2.3		15.0			
Benzoic acid	0.2142	+++++ 0.2275	0.1082 0.2443	0.1557 0.2336	0.1997	Qua	-0.342	0.2370	0.0001		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.: 240-18703-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

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	1.4395	1.4050 1.4081	1.5397 1.4964	1.4354 1.4211	1.4367	Ave		1.4477			0.0500	3.2		15.0			
Benzyl alcohol	0.8556	0.7337 0.8469	0.8131 0.9137	0.8062 0.8702	0.8262	Ave		0.8332			0.0500	6.4		15.0			
1,2-Dichlorobenzene	1.3705	1.4038 1.3315	1.3652 1.4410	1.3667 1.3812	1.3835	Ave		1.3804			0.0500	2.3		15.0			
2-Methylphenol	1.2483	1.1180 1.2025	1.1600 1.3213	1.2161 1.2534	1.2403	Ave		1.2200			0.0500	5.1		15.0			
bis (2-chloroisopropyl) ether	1.8650	1.8783 1.8356	1.9286 2.0334	1.8899 1.8770	1.8696	Ave		1.8972			0.0500	3.2		15.0			
3 & 4 Methylphenol	1.3018	1.2326 1.2779	1.1884 1.3978	1.2611 1.2867	1.2851	Ave		1.2789			0.0500	4.7		15.0			
N-Nitrosodi-n-propylamine	0.9250	0.8236 0.9070	0.8471 0.9792	0.9082 0.9177	0.9391	Ave		0.9059			0.0500	5.5		15.0			
Acetophenone	1.7864	1.7810 1.7584	1.7811 1.9057	1.8130 1.8063	1.8313	Ave		1.8079			0.0500	2.5		15.0			
Hexachloroethane	0.5803	0.6397 0.5697	0.5746 0.6095	0.5678 0.5781	0.5877	Ave		0.5884			0.0500	4.2		15.0			
Nitrobenzene	0.3721	0.3322 0.3640	0.3444 0.3849	0.3655 0.3788	0.3660	Ave		0.3635			0.0500	4.8		15.0			
2,4-Dinitrophenol	0.1765	+++++ 0.1941	+++++ 0.2021	0.1239 0.1948	0.1518	Qua	-0.481	0.2109	0		0.0500				0.9980		0.9950
Isophorone	0.6476	0.5485 0.6449	0.5969 0.7001	0.6299 0.6793	0.6570	Ave		0.6380			0.0500	7.5		15.0			
2-Nitrophenol	0.1846	0.1386 0.1803	0.1450 0.1892	0.1662 0.1829	0.1815	Ave		0.1710			0.0500	11.0		15.0			
1,3,5-Trichlorobenzene	0.3164	0.3122 0.3053	0.3368 0.3192	0.3135 0.3116	0.3224	Ave		0.3172			0.0500	3.0		15.0			
2,4-Dimethylphenol	0.3404	0.2987 0.3364	0.3475 0.3515	0.3369 0.3432	0.3353	Ave		0.3362			0.0500	4.8		15.0			
Bis(2-chloroethoxy)methane	0.4021	0.3889 0.3990	0.4036 0.4147	0.4126 0.4087	0.4122	Ave		0.4052			0.0500	2.1		15.0			
2,4-Dichlorophenol	0.2713	0.2421 0.2687	0.2419 0.2875	0.2616 0.2814	0.2712	Ave		0.2657			0.0500	6.3		15.0			
1,2,4-Trichlorobenzene	0.3131	0.3227 0.3098	0.3195 0.3193	0.3147 0.3186	0.3173	Ave		0.3169			0.0500	1.3		15.0			
Naphthalene	0.9105 1.0019	0.9983 0.9967	0.9777 1.0621	0.9833 1.0522	1.0125	Ave		0.9995			0.0500	4.4		15.0			
4-Chloroaniline	0.4328	0.3864 0.4270	0.4043 0.4590	0.4265 0.4444	0.4280	Ave		0.4261			0.0500	5.3		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.: 240-18703-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

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								
Hexachlorobutadiene	0.1723	0.1815 0.1648	0.1756 0.1728	0.1707 0.1721	0.1632	Ave		0.1716			0.0500	3.4		15.0			
Caprolactam	0.0928	0.0513 0.1026	0.0744 0.0913	0.0901 0.0846	0.0970	Qua	-0.053	0.1187	-0.001		0.0500				0.9970		0.9950
4-Chloro-3-methylphenol	0.2896	0.2513 0.2886	0.2699 0.3116	0.2780 0.3041	0.2902	Ave		0.2854			0.0500	6.7		15.0			
2-Methylnaphthalene	0.5957 0.6414	0.6587 0.6257	0.6252 0.6720	0.6353 0.6588	0.6409	Ave		0.6393			0.0500	3.6		15.0			
1-Methylnaphthalene	0.5613 0.6120	0.5620 0.6131	0.6006 0.6420	0.6295 0.6346	0.6201	Ave		0.6084			0.0500	4.8		15.0			
1,2,3,5-Tetrachlorobenzene	0.5377	0.5627 0.5320	0.5476 0.5410	0.5332 0.5292	0.5659	Ave		0.5437			0.0500	2.6		15.0			
Hexachlorocyclopentadiene	0.3321	0.3044 0.3273	0.2902 0.3513	0.3153 0.3438	0.3287	Ave		0.3241			0.0500	6.2		15.0			
2,4,6-Trichlorophenol	0.3564	0.2820 0.3537	0.3048 0.3708	0.3205 0.3569	0.3522	Ave		0.3372			0.0500	9.2		15.0			
4,6-Dinitro-2-methylphenol	0.1332	+++++ 0.1334	0.0737 0.1454	0.0882 0.1421	0.1162	Qua	-0.091	0.1373	0.0004		0.0500				0.9990		0.9950
2,4,5-Trichlorophenol	0.3838	0.2978 0.3845	0.3338 0.4018	0.3572 0.3775	0.3691	Ave		0.3632			0.0500	9.2		15.0			
2,4-Toluene diamine	0.2040	0.2174 0.1846	0.2277 0.1679	0.2230 0.1793	0.2252	Ave		0.2036			0.0500	12.0		15.0			
1,1'-Biphenyl	1.4859 1.3972	1.3995 1.3777	1.3829 1.4625	1.3912 1.3964	1.4213	Ave		1.4127			0.0500	2.6		15.0			
2-Chloronaphthalene	1.0803 1.1163	1.1085 1.0859	1.0968 1.1464	1.1127 1.0969	1.0971	Ave		1.1046			0.0500	1.8		15.0			
2-Nitroaniline	0.3491	0.2778 0.3477	0.2713 0.3698	0.3032 0.3479	0.3271	Ave		0.3242			0.0500	11.0		15.0			
Dimethyl phthalate	1.1987	1.1235 1.1820	1.1109 1.2682	1.1428 1.2104	1.1617	Ave		1.1748			0.0500	4.4		15.0			
2,6-Dinitrotoluene	0.2715	0.1744 0.2632	0.1956 0.2877	0.2063 0.2705	0.2441	Qua	-0.114	0.2818	0		0.0500				0.9980		0.9950
1,2-Dinitrobenzene	0.1380	0.1060 0.1435	0.1036 0.1514	0.1254 0.1442	0.1308	Ave		0.1303			0.0500	14.0		15.0			
Acenaphthylene	1.7126 1.8793	1.7459 1.8562	1.6910 1.9899	1.7949 1.9173	1.8341	Ave		1.8246			0.0500	5.4		15.0			
3-Nitroaniline	0.3205	0.2209 0.3212	0.2379 0.3478	0.2753 0.3271	0.3019	Ave		0.2941			0.0500	15.0		15.0			
Acenaphthene	1.0184 1.1063	1.1266 1.0621	1.1206 1.1301	1.1148 1.0865	1.1101	Ave		1.0973			0.0500	3.3		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.: 240-18703-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

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	0.1836	0.1310 0.1821	0.1417 0.1968	0.1566 0.1898	0.1733	Ave		0.1694			0.0500	14.0		15.0			
2,4-Dinitrotoluene	0.3607	0.2264 0.3599	0.2488 0.3926	0.3014 0.3747	0.3412	Qua	-0.127	0.3704	0.0006		0.0500				0.9980		0.9950
Dibenzofuran	1.7193 1.6180	1.5780 1.6036	1.5718 1.7016	1.6076 1.6465	1.6104	Ave		1.6285			0.0500	3.2		15.0			
2,3,5,6-Tetrachlorophenol	0.3223	0.2284 0.3208	0.2595 0.3433	0.2792 0.3254	0.3164	Ave		0.2994			0.0500	13.0		15.0			
Diethyl phthalate	1.2294	1.1783 1.2226	1.1857 1.3397	1.1716 1.2653	1.2324	Ave		1.2281			0.0500	4.5		15.0			
4-Chlorophenyl phenyl ether	0.6357	0.5733 0.6065	0.6180 0.6588	0.6260 0.6156	0.6157	Ave		0.6187			0.0500	4.0		15.0			
4-Nitroaniline	0.3167	0.2009 0.3139	0.2466 0.3397	0.2878 0.3185	0.3130	Qua	-0.094	0.3343	0		0.0500				0.9980		0.9950
Fluorene	1.2550 1.3314	1.2851 1.2890	1.3063 1.3521	1.3185 1.3149	1.3171	Ave		1.3077			0.0500	2.2		15.0			
N-Nitrosodiphenylamine	0.5728	0.4888 0.5500	0.5058 0.5914	0.5695 0.5772	0.5578	Ave		0.5517			0.0500	6.5		15.0			
1,2-Diphenylhydrazine(as Azobenzene)	0.7981	0.7105 0.7796	0.7344 0.8275	0.7817 0.8098	0.7914	Ave		0.7785			0.0500	5.1		15.0			
Azobenzene	0.7981	0.7105 0.7796	0.7300 0.8276	0.7807 0.8098	0.7914	Ave		0.7785			0.0500	5.1		15.0			
4-Bromophenyl phenyl ether	0.2103	0.2038 0.2029	0.1921 0.2110	0.1976 0.2065	0.2078	Ave		0.2040			0.0500	3.2		15.0			
Hexachlorobenzene	0.2152 0.2098	0.2166 0.1993	0.2112 0.2102	0.2097 0.2062	0.2126	Ave		0.2101			0.0500	2.4		15.0			
Atrazine	0.1636	0.1172 0.1499	0.1507 0.1484	0.1589 0.1487	0.1638	Ave		0.1501			0.0500	9.9		15.0			
Pentachlorophenol	0.1432	0.0764 0.1437	0.1025 0.1479	0.1304 0.1499	0.1435	Qua	-0.053	0.1417	0.0002		0.0500				1.0000		0.9950
Phenanthrene	1.1503 1.0817	1.1095 1.0457	1.0769 1.1249	1.0763 1.1011	1.0687	Ave		1.0928			0.0500	2.9		15.0			
Anthracene	0.9330 1.1262	1.0252 1.1070	1.0620 1.1808	1.0695 1.1555	1.1124	Ave		1.0857			0.0500	6.9		15.0			
Carbazole	1.0898	0.9420 1.0735	0.9667 1.1392	1.0151 1.1185	1.0930	Ave		1.0547			0.0500	6.8		15.0			
Di-n-butyl phthalate	1.2688	0.9110 1.2244	1.0258 1.3316	1.1387 1.3294	1.2465	Ave		1.1846			0.0500	13.0		15.0			
Fluoranthene	1.0035 1.2732	1.1167 1.2401	1.1487 1.3336	1.2045 1.2971	1.2443	Ave		1.2069			0.0500	8.5		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.: 240-18703-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

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								
Benzidine	0.6836	0.2847 0.7032	0.3811 0.7698	0.5359 0.7647	0.6427	Qua	-0.269	0.6709	0.0045		0.0500				0.9990		0.9950
Pyrene	1.1637 1.3101	1.1792 1.2804	1.2217 1.3838	1.3006 1.3658	1.2819	Ave		1.2764			0.0500	6.0		15.0			
Butyl benzyl phthalate	0.5270	0.3318 0.5208	0.4406 0.5674	0.4867 0.5582	0.5295	Qua	-0.063	0.5118	0.0021		0.0500				0.9990		0.9950
3,3'-Dimethoxybenzidine	0.2697	0.0685 0.2865	0.1012 0.3178	0.1548 0.3080	0.2350	Qua	-0.202	0.2800	0.0017		0.0500				0.9980		0.9950
3,3'-Dichlorobenzidine	0.4507	0.2772 0.4386	0.3338 0.4636	0.4149 0.4556	0.4380	Qua	-0.089	0.4498	0.0005		0.0500				0.9990		0.9950
4,4'-Methylene bis(2-chloroaniline)	0.2061	0.1139 0.2039	0.1602 0.2145	0.1909 0.2173	0.2051	Qua	-0.025	0.1980	0.0008		0.0500				1.0000		0.9950
Bis(2-ethylhexyl) phthalate	0.7391	0.4220 0.7353	0.5769 0.8101	0.6687 0.7859	0.7501	Qua	-0.141	0.7332	0.0027		0.0500				0.9980		0.9950
Benzo[a]anthracene	1.0633 1.1208	1.0496 1.1086	1.0591 1.1999	1.1188 1.1829	1.1436	Ave		1.1163			0.0500	4.8		15.0			
Chrysene	1.1088 1.0735	1.0016 1.0386	1.0354 1.1149	1.0406 1.1059	1.0559	Ave		1.0639			0.0500	3.7		15.0			
Di-n-octyl phthalate	1.4170	0.5551 1.4815	0.8647 1.5992	1.1420 1.5917	1.4775	Qua	-0.468	1.4228	0.0080		0.0500				0.9990		0.9950
Benzo[b]fluoranthene	0.9862 1.3488	1.1161 1.3724	1.1849 1.4679	1.2297 1.4116	1.3666	Ave		1.2760			0.0500	12.0		15.0			
Benzo[k]fluoranthene	1.1257 1.5289	1.0930 1.4656	1.3912 1.5039	1.3803 1.5708	1.4196	Ave		1.3866			0.0500	12.0		15.0			
Benzo[a]pyrene	0.7438 1.3440	0.9346 1.3356	1.0419 1.3870	1.1887 1.4112	1.3040	Qua	-0.145	1.2861	0.0052		0.0500				1.0000		0.9950
Indeno[1,2,3-cd]pyrene	0.8289 1.4466	1.0135 1.4570	1.2258 1.5136	1.3229 1.5238	1.4928	Qua	-0.115	1.4180	0.0045		0.0500				1.0000		0.9950
Dibenz(a,h)anthracene	0.6833 1.2451	0.6703 1.2381	0.9755 1.2821	1.1210 1.2756	1.2071	Qua	-0.209	1.2385	0.0020		0.0500				1.0000		0.9950
Benzo[g,h,i]perylene	0.8878 1.2515	0.8506 1.2343	1.0454 1.2968	1.1757 1.3076	1.2569	Ave		1.1452			0.0500	15.0		15.0			
2-Fluorophenol (Surr)	1.2400	1.1712 1.2208	1.1762 1.3328	1.2045 1.2613	1.2849	Ave		1.2365			0.0500	4.5		15.0			
Phenol-d5 (Surr)	1.5816	1.4166 1.5782	1.4942 1.7117	1.5181 1.6113	1.6467	Ave		1.5698			0.0500	5.9		15.0			
Nitrobenzene-d5 (Surr)	0.3055 0.3585	0.3349 0.3630	0.3281 0.3828	0.3491 0.3731	0.3702	Ave		0.3517			0.0500	7.1		15.0			
2-Fluorobiphenyl (Surr)	1.2554 1.3099	1.2016 1.2997	1.2987 1.3846	1.2999 1.3063	1.3233	Ave		1.2977			0.0500	3.8		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.: 240-18703-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

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)	0.1718	0.1422 0.1717	0.1490 0.1798	0.1693 0.1734	0.1664	Ave		0.1655			0.0500	7.8		15.0			
Terphenyl-d14 (Surr)	0.7066 0.7557	0.6865 0.7362	0.7505 0.7829	0.7306 0.7668	0.7516	Ave		0.7408			0.0500	4.0		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-64102/6	21107006.D
Level 2	STD2 240-64102/5	21107005.D
Level 3	STD3 240-64102/4	21107004.D
Level 4	STD4 240-64102/3	21107003.D
Level 5	STD5 240-64102/2	21107002.D
Level 6	STD6 240-64102/10	21107010.D
Level 7	STD7 240-64102/9	21107009.D
Level 8	STD8 240-64102/8	21107008.D
Level 9	STD9 240-64102/7	21107007.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	289158	11562 357431	23164 533305	55904 670580	142017	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Qua	423432	16701 710533	28816 1152976	71522 1020584	212159	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	794755	27577 1240295	65639 1976673	149530 1811625	374604	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Ethyl methacrylate	DCB	Ave	626893	27799 959932	59659 1555123	124158 1410556	312745	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Chloropropionitrile	DCB	Ave	453140	18024 675455	33652 1105388	76071 983880	210933	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Malononitrile	DCB	Ave	857909	28334 1310337	66484 2134060	155901 1838076	390867	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Ave	6123 555643	31159 807962	62570 1113893	122662 +++++	298755	0.100 10.0	0.500 15.0	1.00 20.0	2.00 +++++	5.00
Phenol	DCB	Ave	962001	40912 1483091	89598 2377819	190407 2157751	458900	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	1186890	54295 1852000	111747 2982264	229723 2711054	568878	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	738530	35302 1122950	69570 1820736	140402 1653462	347012	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	769809	35434 1178499	72394 1939192	145623 1749387	371385	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	833741	40215 1256355	79469 2033209	159793 1840193	389651	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Qua	941901	+++++ 1543106	46025 2567708	132117 2263947	415455	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
1,4-Dichlorobenzene	DCB	Ave	816468	38155 1250498	84247 1994970	159665 1812536	389514	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.: 240-18703-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

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	485275	19926 752132	44492 1218061	89671 1109887	223988	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dichlorobenzene	DCB	Ave	777307	38122 1182427	74698 1921155	152018 1761611	375084	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	707992	30361 1067935	63472 1761548	135275 1598670	336260	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
bis (2-chloroisopropyl) ether	DCB	Ave	1057806	51009 1630140	105528 2710885	210217 2394076	506864	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3 & 4 Methylphenol	DCB	Ave	738384	33473 1134834	65029 1863583	140272 1641179	348410	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	524618	22365 805470	46353 1305510	101018 1170477	254602	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	1013196	48366 1561539	97459 2540663	201660 2303818	496471	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	329140	17373 505961	31442 812553	63158 737294	159343	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene	NPT	Ave	818068	34749 1234618	73250 2023003	155054 1835606	380712	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrophenol	ANT	Qua	434552	+++++ 743918	+++++ 1219360	59512 1106604	178806	20.0	+++++ 30.0	+++++ 40.0	4.00 50.0	10.0
Isophorone	NPT	Ave	1423776	57372 2187568	126950 3679329	267180 3291755	683437	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Ave	405972	14494 611408	30847 994494	70506 886070	188786	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3,5-Trichlorobenzene	NPT	Ave	695736	32662 1035680	71625 1677390	132978 1509857	335399	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	748351	31245 1141006	73913 1847588	142902 1663053	348751	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethoxy)methane	NPT	Ave	884059	40685 1353489	85844 2179326	175010 1980306	428717	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	596606	25326 911378	51449 1510979	110980 1363692	282075	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	688485	33761 1050932	67950 1678302	133494 1543759	330090	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Naphthalene	NPT	Ave	19322 2202898	104432 3380709	207949 5581839	417095 5098943	1053202	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	951670	40420 1448322	85983 2412184	180927 2153710	445160	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	378760	18988 559120	37357 908100	72425 834160	169782	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Caprolactam	NPT	Qua	203996	5367 347893	15825 479685	38238 409876	100915	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.: 240-18703-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

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	636751	26283 979022	57414 1637447	117925 1473568	301893	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylnaphthalene	NPT	Ave	12641 1410272	68907 2122405	132969 3531733	269497 3192368	666699	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1-Methylnaphthalene	NPT	Ave	11911 1345567	58790 2079707	127733 3374252	267037 3074953	645006	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	661897	32952 1019623	66113 1631883	128013 1502806	333308	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorocyclopentadiene	ANT	Ave	408777	17829 627279	35037 1059644	75700 976433	193605	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Trichlorophenol	ANT	Ave	438732	16515 677861	36798 1118437	76952 1013558	207440	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,6-Dinitro-2-methylphenol	PHN	Qua	278233	+++++ 443519	15094 771658	35487 687768	116255	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
2,4,5-Trichlorophenol	ANT	Ave	472532	17442 736914	40304 1212108	85752 1072129	217393	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Toluene diamine	NPT	Ave	448465	22739 626231	48429 882419	94573 868625	234302	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,1'-Biphenyl	ANT	Ave	17216 1719982	81962 2640427	166955 4411496	334018 3965786	837098	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chloronaphthalene	ANT	Ave	12516 1374271	64920 2081186	132416 3457946	267168 3115146	646125	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitroaniline	ANT	Ave	429808	16267 666331	32751 1115602	72790 987900	192655	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dimethyl phthalate	ANT	Ave	1475655	65798 2265250	134112 3825470	274388 3437402	684216	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dinitrotoluene	ANT	Qua	334247	10212 504465	23611 867959	49544 768083	143744	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dinitrobenzene	ANT	Ave	169862	6207 274957	12508 456583	30109 409392	77035	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthylene	ANT	Ave	19842 2313540	102247 3557410	204149 6002224	430961 5445218	1080206	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Nitroaniline	ANT	Ave	394571	12934 615665	28723 1049195	66096 928853	177798	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthene	ANT	Ave	11799 1361892	65980 2035418	135288 3408737	267664 3085730	653779	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitrophenol	ANT	Ave	226043	7674 349036	17102 593687	37608 539112	102063	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrotoluene	ANT	Qua	444005	13261 689685	30038 1184303	72363 1064143	200956	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenzofuran	ANT	Ave	19920 1991799	92415 3073293	189757 5132615	385979 4675894	948455	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.: 240-18703-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

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	396818	13375 614787	31327 1035587	67024 924029	186352	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Diethyl phthalate	ANT	Ave	1513449	69007 2343096	143148 4041181	281309 3593483	725800	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chlorophenyl phenyl ether	ANT	Ave	782567	33574 1162318	74611 1987312	150307 1748364	362616	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Qua	389910	11766 601597	29767 1024556	69104 904568	184371	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	14541 1639050	75260 2470279	157705 4078515	316575 3734212	775737	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodiphenylamine	PHN	Ave	1196917	48479 1828202	103574 3139006	229170 2794355	557916	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	1667611	70470 2591614	150391 4392481	314576 3920417	791558	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	1667682	70470 2591614	149488 4392962	314156 3920417	791545	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	439508	20216 674593	39331 1120053	79534 999726	207879	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobenzene	PHN	Ave	4345 438431	21486 662379	43253 1115873	84396 998152	212637	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Atrazine	PHN	Ave	341754	11621 498220	30861 787545	63939 719727	163869	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pentachlorophenol	PHN	Qua	598614	15165 955144	41969 1569637	104950 1450927	287148	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenanthrene	PHN	Ave	23225 2260189	110046 3476136	220519 5971362	433106 5330724	1068922	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	18837 2353100	101682 3680078	217474 6267637	430381 5594055	1112637	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	2277045	93434 3568538	197951 6046967	408478 5414909	1093203	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	2651212	90362 4070394	210054 7068549	458237 6436053	1246760	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	20262 2660336	110763 4122306	235226 7078899	484691 6279316	1244553	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Qua	1469820	27899 2388297	76576 4126710	214814 3730708	655520	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyrene	CRY	Ave	22058 2816771	115570 4348537	245503 7417941	521365 6663115	1307380	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Qua	1133141	32519 1768738	88541 3041849	195105 2723023	540090	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3,3'-Dimethoxybenzidine	CRY	Qua	579861	6711 973101	20339 1703500	62050 1502602	239684	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.: 240-18703-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

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	Qua	969006	27172 1489461	67080 2485326	166325 2222486	446705	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,4'-Methylene bis(2-chloroaniline)	CRY	Qua	443048	11161 692599	32199 1150023	76535 1060036	209164	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-ethylhexyl) phthalate	CRY	Qua	1589061	41362 2497259	115915 4342850	268071 3834094	765063	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]anthracene	CRY	Ave	20154 2409756	102866 3764867	212829 6432402	448512 5770519	1166326	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	21017 2308021	98168 3527188	208048 5976490	417152 5395172	1076954	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Qua	2499506	43155 4101786	141890 7366681	381659 6486699	1241516	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	14882 2379256	86780 3799785	194423 6761810	410977 5752475	1148363	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	16988 2696900	84980 4057783	228277 6927834	461295 6401152	1192893	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Qua	11224 2370709	72665 3697959	170963 6389303	397256 5751071	1095766	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	Qua	12509 2551684	78803 4034138	201147 6972181	442121 6209963	1254415	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Qua	10312 2196359	52116 3427896	160063 5905981	374654 5198411	1014317	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	13397 2207668	66135 3417401	171531 5973870	392925 5328943	1056181	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	703304	31806 1084134	64360 1776893	133975 1608759	348345	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	897045	38471 1401532	81760 2282025	168861 2055113	446436	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	6483 788287	35037 1231341	69774 2011974	148067 1807783	385038	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	14545 1612497	70370 2490882	156787 4176600	312106 3709926	779335	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	211519	8328 329077	17989 542442	40652 492588	98030	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	13394 1624778	67286 2500174	150800 4196729	292869 3740756	766600	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\20121107-14744.b\21107002.D		
Lims ID:	std5 tcl	Client ID:	
Inject. Date:	07-Nov-2012 11:44:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0014744-002		
Misc. Info.:	std5 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	64102	Lims Sample ID:	2
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:05	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: ulmanm		Date:	07-Nov-2012 12:04:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	96	216888	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	832156	4.00	
* 3 Acenaphthene-d10	164	8.509	8.509	0.0	93	471163	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	98	800140	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	93	815929	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	92	672229	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	88	348345	5.20	
$ 8 Phenol-d5	99	5.540	5.540	0.0	88	446436	5.24	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	87	385038	5.26	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	100	779335	5.10	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	86	98030	5.03	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	99	766600	5.07	
24 1,4-Dioxane	88	2.507	2.502	0.005	91	142017	5.64	M
25 N-Nitrosodimethylamine	74	2.946	2.946	0.0	87	212159	5.08	
26 Pyridine	79	3.010	3.005	0.005	96	374604	5.19	
27 Ethyl methacrylate	69	3.641	3.641	0.0	90	312745	5.22	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	88	210933	5.27	
32 Malononitrile	66	4.342	4.342	0.0	98	390867	5.18	
40 Benzaldehyde	77	5.508	5.508	0.0	96	298755	5.28	
41 Phenol	94	5.551	5.551	0.0	99	458900	5.06	
43 Aniline	93	5.599	5.599	0.0	98	568878	5.01	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	93	347012	4.95	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	371385	5.07	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	389651	4.93	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	91	389514	4.96	
49 Benzyl alcohol	108	6.011	6.011	0.0	92	223988	4.96	
50 1,2-Dichlorobenzene	146	6.054	6.054	0.0	95	375084	5.01	
51 2-Methylphenol	108	6.096	6.096	0.0	94	336260	5.08	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	91	506864	4.93	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.225	6.230	-0.005	97	348410	5.02	
56 N-Nitrosodi-n-propylamine	70	6.241	6.246	-0.005	88	254602	5.18	
57 Acetophenone	105	6.251	6.251	0.0	92	496471	5.06	
60 Hexachloroethane	117	6.353	6.353	0.0	93	159343	4.99	
61 Nitrobenzene	77	6.401	6.401	0.0	80	380712	5.03	
63 Isophorone	82	6.604	6.605	0.0	98	683437	5.15	
65 2-Nitrophenol	139	6.679	6.679	0.0	93	188786	5.31	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	93	335399	5.08	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	92	348751	4.99	
69 Benzoic acid	122	6.738	6.760	-0.022	84	415455	9.81	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	99	428717	5.09	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	96	282075	5.10	
72 1,2,4-Trichlorobenzene	180	6.963	6.958	0.005	89	330090	5.01	
73 Naphthalene	128	7.032	7.032	0.0	95	1053202	5.07	
74 4-Chloroaniline	127	7.064	7.064	0.0	86	445160	5.02	
77 Hexachlorobutadiene	225	7.134	7.129	0.005	92	169782	4.75	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	88	308962	0	
83 Caprolactam	113	7.343	7.348	-0.005	74	100915	4.78	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	96	301893	5.08	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	89	666699	5.01	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	86	645006	5.10	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	91	333308	5.20	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	88	193605	5.07	
90 2,4,6-Trichlorophenol	196	7.851	7.845	0.006	90	207440	5.22	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	95	217393	5.08	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	99	234302	5.53	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	93	308929	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	94	837098	5.03	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	96	646125	4.97	
100 2-Nitroaniline	65	8.107	8.107	0.0	82	192655	5.04	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	684216	4.94	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	89	143744	4.74	
106 1,2-Dinitrobenzene	168	8.353	8.354	-0.001	88	77035	5.02	
107 Acenaphthylene	152	8.391	8.391	0.0	91	1080206	5.03	
108 3-Nitroaniline	138	8.450	8.450	0.0	95	177798	5.13	
110 Acenaphthene	153	8.535	8.535	0.0	82	653779	5.06	
109 2,4-Dinitrophenol	184	8.535	8.535	0.0	59	178806	9.51	
111 4-Nitrophenol	109	8.562	8.562	0.0	92	102063	5.12	
112 2,4-Dinitrotoluene	165	8.648	8.648	0.0	88	200956	4.91	
114 Dibenzofuran	168	8.680	8.680	0.0	87	948455	4.94	
115 2,3,5,6-Tetrachlorophenol	232	8.739	8.733	0.006	87	186352	5.28	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	725800	5.02	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	91	362616	4.98	
123 4-Nitroaniline	138	8.969	8.969	0.0	87	184371	4.98	
124 Fluorene	166	8.974	8.969	0.005	82	775737	5.04	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	82	116255	4.83	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	557916	5.06	
129 1,2-Diphenylhydrazine	77	9.092	9.092	0.0	0	791558	5.08	
131 Azobenzene	77	9.092	9.092	0.0	99	791545	5.08	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	63	207879	5.09	
139 Hexachlorobenzene	284	9.434	9.434	0.0	86	212637	5.06	
140 Atrazine	200	9.487	9.482	0.005	93	163869	5.46	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	89	287148	10.4	
146 Phenanthrene	178	9.787	9.787	0.0	97	1068922	4.89	
147 Anthracene	178	9.830	9.830	0.0	97	1112637	5.12	
149 Carbazole	167	9.953	9.953	0.0	82	1093203	5.18	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	1246760	5.26	
157 Fluoranthene	202	10.792	10.792	0.0	98	1244553	5.16	
158 Benzidine	184	10.889	10.894	-0.005	98	655520	5.02	
160 Pyrene	202	11.001	11.001	0.0	96	1307380	5.02	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	96	540090	5.18	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	91	239684	4.78	
173 3,3'-Dichlorobenzidine	252	12.237	12.237	0.0	63	446705	5.04	
172 4,4'-Methylene bis(2-chloroanili	231	12.237	12.237	0.0	65	209164	5.19	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	96	765063	5.21	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	98	1166326	5.12	
176 Chrysene	228	12.338	12.338	0.0	95	1076954	4.96	
178 Di-n-octyl phthalate	149	13.173	13.167	0.006	99	1241516	5.36	
180 Benzo[b]fluoranthene	252	13.788	13.788	0.0	95	1148363	5.36	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	90	1192893	5.12	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	77	1095766	5.08	
186 Indeno[1,2,3-cd]pyrene	276	16.013	16.007	0.006	94	1254415	5.26	
187 Dibenz(a,h)anthracene	278	16.039	16.040	-0.001	71	1014317	5.00	
188 Benzo[g,h,i]perylene	276	16.451	16.446	0.005	90	1056181	5.49	
S 189 Methyl Phenols,Total	100				0		5.08	

QC Flag Legend

Review Flags
M - Manually Integrated

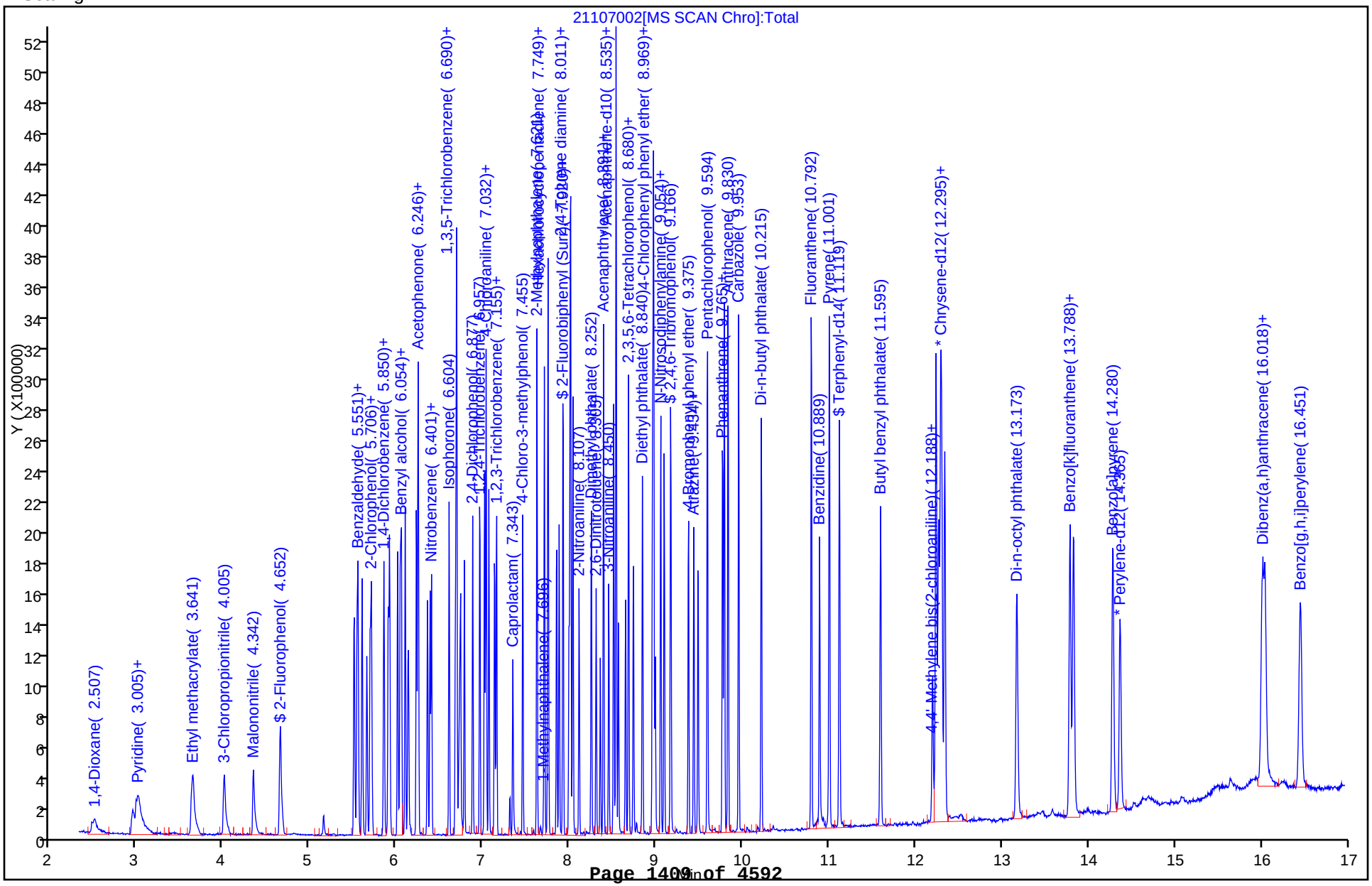
Report Date: 08-Nov-2012 13:38:05 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107002.D

Injection Date:	07-Nov-2012 11:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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

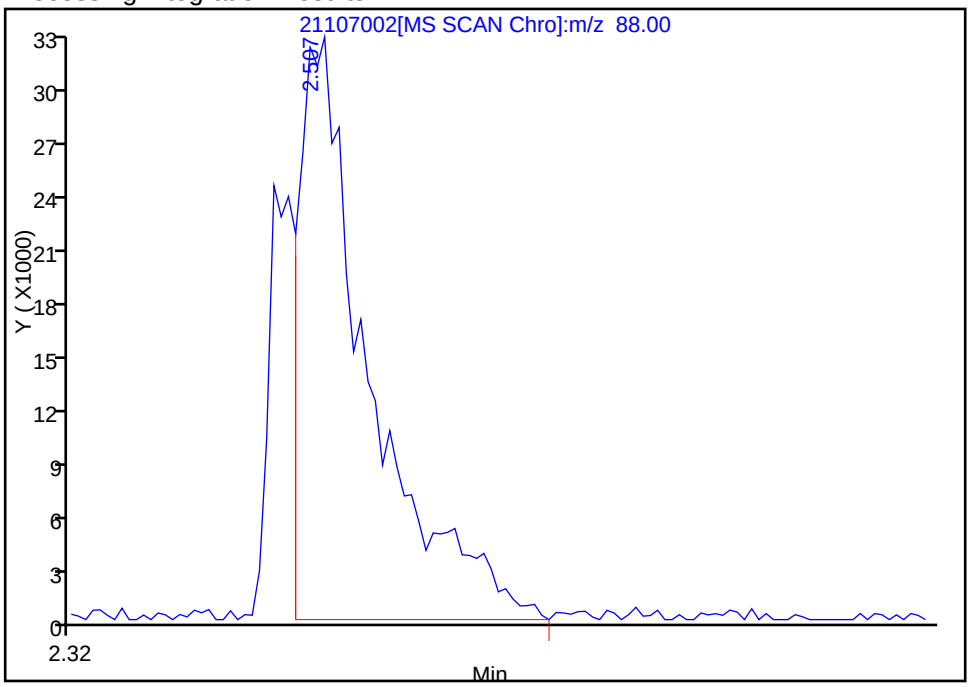
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107002.D		
Injection Date:	07-Nov-2012 11:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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: 2.50

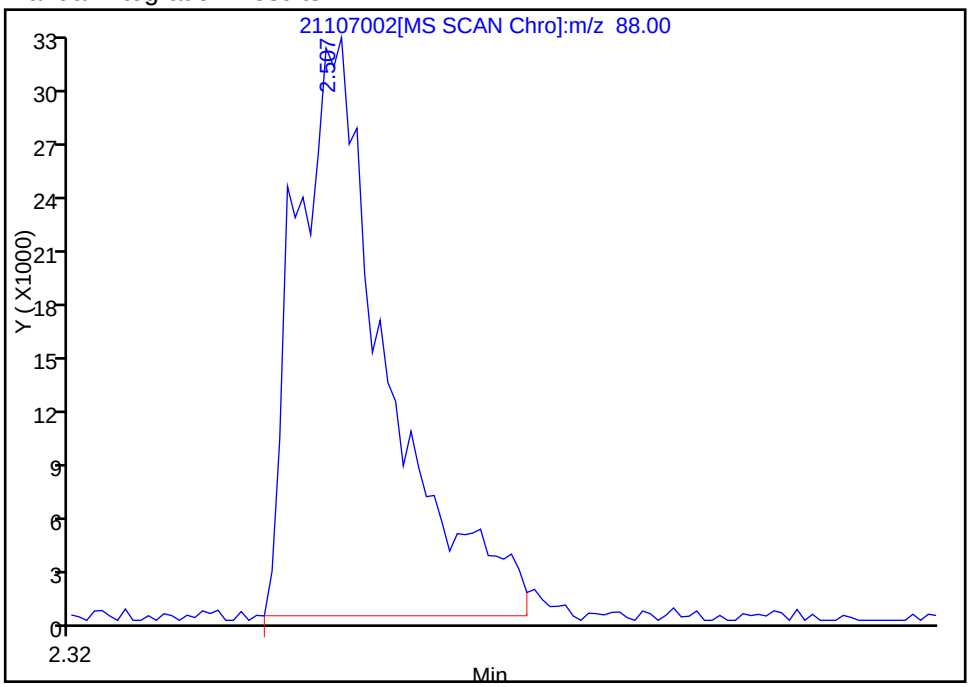
Processing Integration Results

RT: 2.51
Response: 119596
Amount: 5.211492



Manual Integration Results

RT: 2.51
Response: 142017
Amount: 5.642357



Reviewer: gruberj, 07-Nov-2012 14:47:55
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107003.D		
Lims ID:	std4 tcl	Client ID:	
Inject. Date:	07-Nov-2012 12:07:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0014744-003		
Misc. Info.:	std4 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	64102	Lims Sample ID:	3
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:06	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:47:10

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	97	222465	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	848347	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	92	480198	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	98	804821	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	97	801741	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	97	668413	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	90	133975	1.95	
$ 8 Phenol-d5	99	5.540	5.540	0.0	94	168861	1.93	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	84	148067	1.99	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	100	312106	2.00	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	88	40652	2.05	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	98	292869	1.97	
24 1,4-Dioxane	88	2.502	2.502	0.0	91	55904	2.17	
25 N-Nitrosodimethylamine	74	2.946	2.946	0.0	83	71522	1.92	
26 Pyridine	79	3.015	3.005	0.010	94	149530	2.02	
27 Ethyl methacrylate	69	3.636	3.641	-0.005	89	124158	2.02	
28 3-Chloropropionitrile	54	4.010	4.005	0.005	88	76071	1.85	
32 Malononitrile	66	4.342	4.342	0.0	97	155901	2.01	
40 Benzaldehyde	77	5.508	5.508	0.0	92	122662	2.11	
41 Phenol	94	5.551	5.551	0.0	98	190407	2.05	
43 Aniline	93	5.599	5.599	0.0	98	229723	1.97	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	92	140402	1.95	
46 2-Chlorophenol	128	5.706	5.706	0.0	95	145623	1.94	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	159793	1.97	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	83	159665	1.98	
49 Benzyl alcohol	108	6.011	6.011	0.0	93	89671	1.94	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	94	152018	1.98	
51 2-Methylphenol	108	6.096	6.096	0.0	94	135275	1.99	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	89	210217	1.99	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.225	6.230	-0.005	96	140272	1.97	
56 N-Nitrosodi-n-propylamine	70	6.241	6.246	-0.005	87	101018	2.01	
57 Acetophenone	105	6.246	6.251	-0.005	92	201660	2.01	
60 Hexachloroethane	117	6.353	6.353	0.0	93	63158	1.93	
61 Nitrobenzene	77	6.401	6.401	0.0	86	155054	2.01	
63 Isophorone	82	6.604	6.605	0.0	97	267180	1.97	
65 2-Nitrophenol	139	6.679	6.679	0.0	92	70506	1.94	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	91	132978	1.98	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	91	142902	2.00	
69 Benzoic acid	122	6.722	6.760	-0.038	82	132117	4.06	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	98	175010	2.04	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	95	110980	1.97	
72 1,2,4-Trichlorobenzene	180	6.957	6.958	-0.001	88	133494	1.99	
73 Naphthalene	128	7.032	7.032	0.0	95	417095	1.97	
74 4-Chloroaniline	127	7.064	7.064	0.0	84	180927	2.00	
77 Hexachlorobutadiene	225	7.128	7.129	-0.001	95	72425	1.99	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	88	125746	0	
83 Caprolactam	113	7.337	7.348	-0.011	76	38238	2.01	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	92	117925	1.95	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	89	269497	1.99	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	84	267037	2.07	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	95	128013	1.96	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	80	75700	1.95	
90 2,4,6-Trichlorophenol	196	7.845	7.845	0.0	90	76952	1.90	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	95	85752	1.97	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	97	94573	2.19	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	83	129065	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	88	334018	1.97	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	95	267168	2.01	
100 2-Nitroaniline	65	8.107	8.107	0.0	82	72790	1.87	
103 Dimethyl phthalate	163	8.246	8.252	-0.006	98	274388	1.95	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	85	49544	1.87	
106 1,2-Dinitrobenzene	168	8.353	8.354	-0.001	84	30109	1.92	
107 Acenaphthylene	152	8.391	8.391	0.0	92	430961	1.97	
108 3-Nitroaniline	138	8.450	8.450	0.0	93	66096	1.87	
110 Acenaphthene	153	8.535	8.535	0.0	92	267664	2.03	
109 2,4-Dinitrophenol	184	8.535	8.535	0.0	58	59512	4.64	
111 4-Nitrophenol	109	8.562	8.562	0.0	87	37608	1.85	
112 2,4-Dinitrotoluene	165	8.647	8.648	-0.001	92	72363	1.96	
114 Dibenzofuran	168	8.680	8.680	0.0	89	385979	1.97	
115 2,3,5,6-Tetrachlorophenol	232	8.733	8.733	0.0	80	67024	1.86	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	281309	1.91	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	90	150307	2.02	
123 4-Nitroaniline	138	8.963	8.969	-0.006	86	69104	2.01	
124 Fluorene	166	8.968	8.969	-0.001	91	316575	2.02	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	79	35487	1.94	
130 N-Nitrosodiphenylamine	169	9.049	9.049	0.0	0	229170	2.06	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	314576	2.01	
131 Azobenzene	77	9.091	9.092	-0.001	98	314156	2.01	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	60	79534	1.94	
139 Hexachlorobenzene	284	9.434	9.434	0.0	93	84396	2.00	
140 Atrazine	200	9.482	9.482	0.0	86	63939	2.12	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	90	104950	4.04	
146 Phenanthrene	178	9.787	9.787	0.0	96	433106	1.97	
147 Anthracene	178	9.830	9.830	0.0	97	430381	1.97	
149 Carbazole	167	9.953	9.953	0.0	82	408478	1.92	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	458237	1.92	
157 Fluoranthene	202	10.792	10.792	0.0	98	484691	2.00	
158 Benzidine	184	10.889	10.894	-0.005	98	214814	1.97	
160 Pyrene	202	11.001	11.001	0.0	97	521365	2.04	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	96	195105	2.01	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	88	62050	1.81	
173 3,3'-Dichlorobenzidine	252	12.236	12.237	-0.001	69	166325	2.04	
172 4,4'-Methylene bis(2-chloroanili	231	12.236	12.237	-0.001	70	76535	2.04	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	96	268071	2.00	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	96	448512	2.00	
176 Chrysene	228	12.338	12.338	0.0	92	417152	1.96	
178 Di-n-octyl phthalate	149	13.172	13.167	0.005	99	381659	1.91	
180 Benzo[b]fluoranthene	252	13.788	13.788	0.0	93	410977	1.93	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	97	461295	1.99	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	76	397256	1.95	
186 Indeno[1,2,3-cd]pyrene	276	16.013	16.007	0.006	98	442121	1.94	
187 Dibenz(a,h)anthracene	278	16.039	16.040	-0.001	75	374654	1.97	
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	94	392925	2.05	
S 189 Methyl Phenols,Total	100				0		1.99	

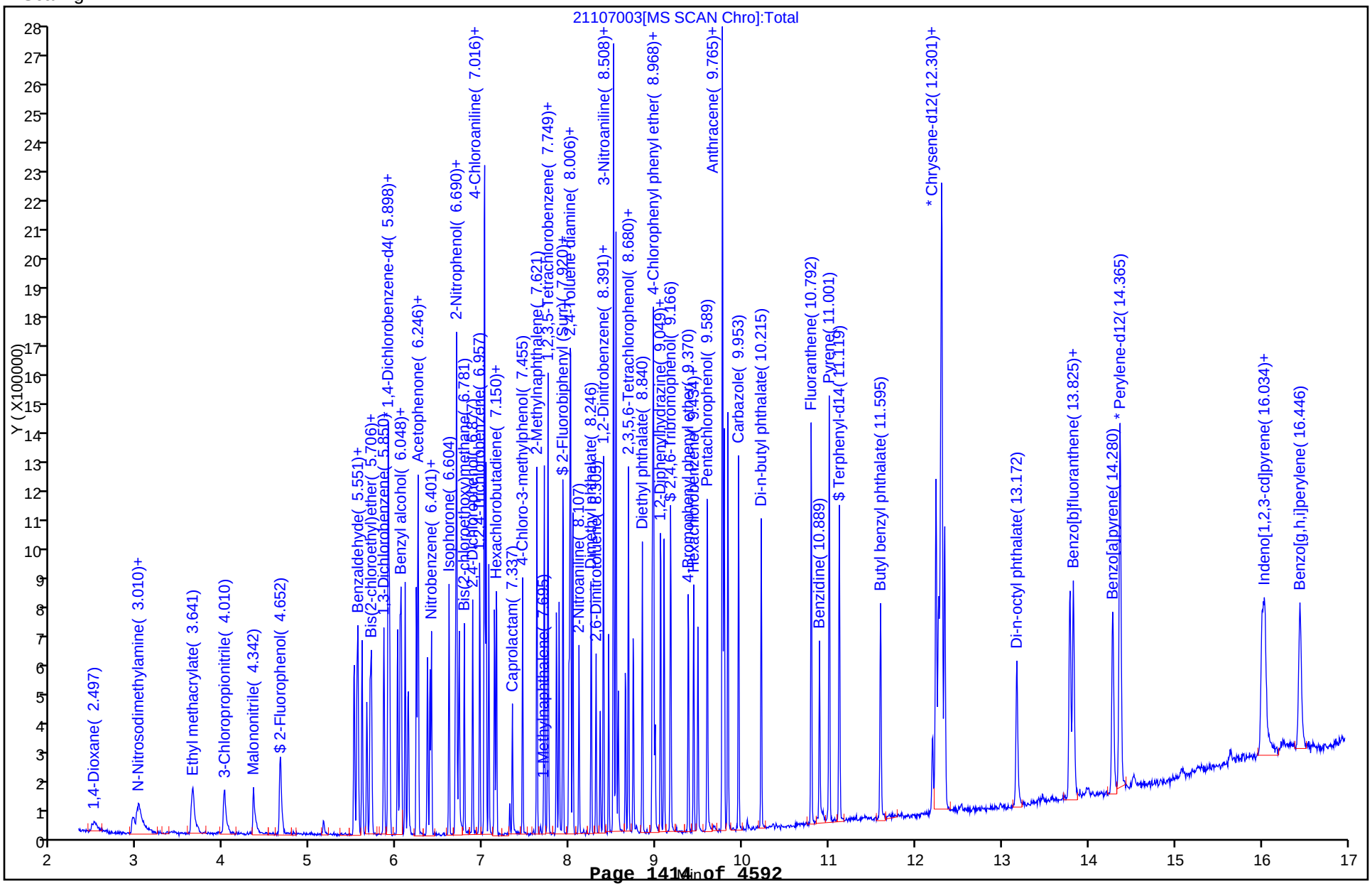
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107003.D

Injection Date:	07-Nov-2012 12:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107004.D		
Lims ID:	std3 tcl	Client ID:	
Inject. Date:	07-Nov-2012 12:31:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0014744-004		
Misc. Info.:	std3 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	64102	Lims Sample ID:	4
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:07	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:47:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.898	0.006	94	218870	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	850749	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	91	482907	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	98	819100	4.00	
* 5 Chrysene-d12	240	12.301	12.301	0.0	90	803775	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	92	656353	4.00	
$ 7 2-Fluorophenol	112	4.657	4.652	0.005	86	64360	0.9513	
$ 8 Phenol-d5	99	5.540	5.540	0.0	94	81760	0.9519	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	87	69774	0.9328	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	99	156787	1.00	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	90	17989	0.9005	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	97	150800	1.01	
24 1,4-Dioxane	88	2.507	2.502	0.005	84	23164	0.9120	M
25 N-Nitrosodimethylamine	74	2.946	2.946	0.0	86	28816	1.00	
26 Pyridine	79	3.015	3.005	0.010	94	65639	0.9018	M
27 Ethyl methacrylate	69	3.636	3.641	-0.005	89	59659	0.9864	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	85	33652	0.8338	
32 Malononitrile	66	4.347	4.342	0.005	96	66484	0.8732	
40 Benzaldehyde	77	5.508	5.508	0.0	92	62570	1.10	
41 Phenol	94	5.551	5.551	0.0	97	89598	0.9783	
43 Aniline	93	5.599	5.599	0.0	95	111747	0.9757	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	89	69570	0.9835	
46 2-Chlorophenol	128	5.706	5.706	0.0	96	72394	0.9785	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	79469	1.00	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	89	84247	1.06	
49 Benzyl alcohol	108	6.011	6.011	0.0	89	44492	0.9759	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	93	74698	0.9890	
51 2-Methylphenol	108	6.096	6.096	0.0	95	63472	0.9508	
52 2,2'-oxybis[1-chloropropane]	45	6.128	6.134	-0.006	91	105528	1.02	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.225	6.230	-0.005	95	65029	0.9292	
56 N-Nitrosodi-n-propylamine	70	6.241	6.246	-0.005	85	46353	0.9352	
57 Acetophenone	105	6.246	6.251	-0.005	89	97459	0.9852	
60 Hexachloroethane	117	6.353	6.353	0.0	89	31442	0.9765	
61 Nitrobenzene	77	6.401	6.401	0.0	86	73250	0.9475	
63 Isophorone	82	6.604	6.605	0.0	97	126950	0.9355	
65 2-Nitrophenol	139	6.679	6.679	0.0	94	30847	0.8480	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	91	71625	1.06	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	95	73913	1.03	
69 Benzoic acid	122	6.717	6.760	-0.043	85	46025	2.35	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	97	85844	1.00	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	94	51449	0.9104	
72 1,2,4-Trichlorobenzene	180	6.957	6.958	-0.001	91	67950	1.01	
73 Naphthalene	128	7.032	7.032	0.0	96	207949	0.9782	
74 4-Chloroaniline	127	7.064	7.064	0.0	91	85983	0.9489	
77 Hexachlorobutadiene	225	7.128	7.129	-0.001	89	37357	1.02	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	83	63252	0	
83 Caprolactam	113	7.337	7.348	-0.011	73	15825	1.09	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	93	57414	0.9458	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	88	132969	0.9779	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	84	127733	0.9872	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	96	66113	1.01	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	76	35037	0.8953	
90 2,4,6-Trichlorophenol	196	7.845	7.845	0.0	92	36798	0.9040	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	92	40304	0.9192	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	96	48429	1.12	
96 1,2,3,4 -Tetrachlorobenzene	216	8.000	8.001	-0.001	96	63917	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	92	166955	0.9789	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	95	132416	0.99	
100 2-Nitroaniline	65	8.107	8.107	0.0	76	32751	0.8367	
103 Dimethyl phthalate	163	8.246	8.252	-0.006	97	134112	0.9456	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	89	23611	1.10	
106 1,2-Dinitrobenzene	168	8.353	8.354	-0.001	84	12508	0.7949	
107 Acenaphthylene	152	8.391	8.391	0.0	94	204149	0.9268	
108 3-Nitroaniline	138	8.450	8.450	0.0	91	28723	0.8090	
110 Acenaphthene	153	8.535	8.535	0.0	85	135288	1.02	
109 2,4-Dinitrophenol	184		8.535					9
111 4-Nitrophenol	109	8.562	8.562	0.0	85	17102	0.8364	
112 2,4-Dinitrotoluene	165	8.647	8.648	-0.001	83	30038	1.01	
114 Dibenzofuran	168	8.680	8.680	0.0	87	189757	0.9652	
115 2,3,5,6-Tetrachlorophenol	232	8.738	8.733	0.005	90	31327	0.8667	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	143148	0.9655	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	91	74611	1.00	
123 4-Nitroaniline	138	8.963	8.969	-0.006	82	29767	1.02	
124 Fluorene	166	8.968	8.969	-0.001	83	157705	1.00	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	77	15094	1.20	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	103574	0.9169	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	150391	0.9434	
131 Azobenzene	77	9.091	9.092	-0.001	98	149488	0.9378	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	64	39331	0.9414	
139 Hexachlorobenzene	284	9.434	9.434	0.0	88	43253	1.01	
140 Atrazine	200	9.482	9.482	0.0	86	30861	1.00	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	85	41969	1.82	
146 Phenanthrene	178	9.787	9.787	0.0	92	220519	0.9854	
147 Anthracene	178	9.830	9.830	0.0	96	217474	0.9782	
149 Carbazole	167	9.953	9.953	0.0	81	197951	0.9165	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	210054	0.8660	
157 Fluoranthene	202	10.792	10.792	0.0	97	235226	0.9518	
158 Benzidine	184	10.889	10.894	-0.005	85	76576	0.9624	
160 Pyrene	202	11.001	11.001	0.0	97	245503	0.9572	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	94	88541	0.9803	
170 3,3'-Dimethoxybenzidine	244	12.194	12.194	0.0	82	20339	1.08	
173 3,3'-Dichlorobenzidine	252	12.236	12.237	-0.001	66	67080	0.9393	
172 4,4'-Methylene bis(2-chloroanili	231	12.236	12.237	-0.001	71	32199	0.9294	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	95	115915	0.9752	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	93	212829	0.9488	
176 Chrysene	228	12.338	12.338	0.0	88	208048	0.9732	
178 Di-n-octyl phthalate	149	13.172	13.167	0.005	97	141890	0.9318	
180 Benzo[b]fluoranthene	252	13.782	13.788	-0.006	92	194423	0.9286	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	96	228277	1.00	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	77	170963	0.9194	
186 Indeno[1,2,3-cd]pyrene	276	16.007	16.007	0.0	97	201147	0.9427	
187 Dibenz(a,h)anthracene	278	16.039	16.040	-0.001	65	160063	0.9548	
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	90	171531	0.9128	
S 189 Methyl Phenols,Total	100				0		0.9508	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

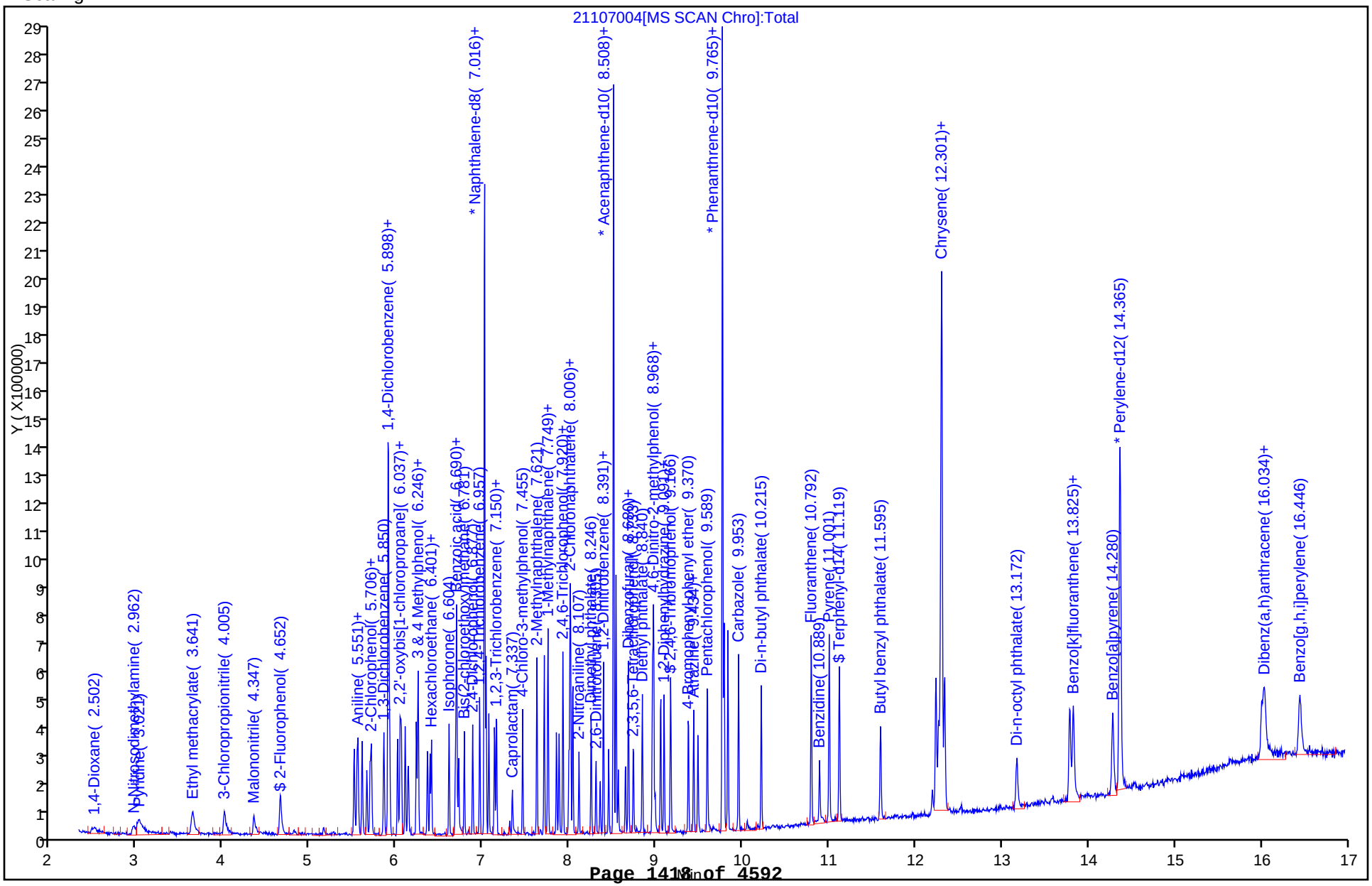
Report Date: 08-Nov-2012 13:38:08 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107004.D

Injection Date:	07-Nov-2012 12:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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

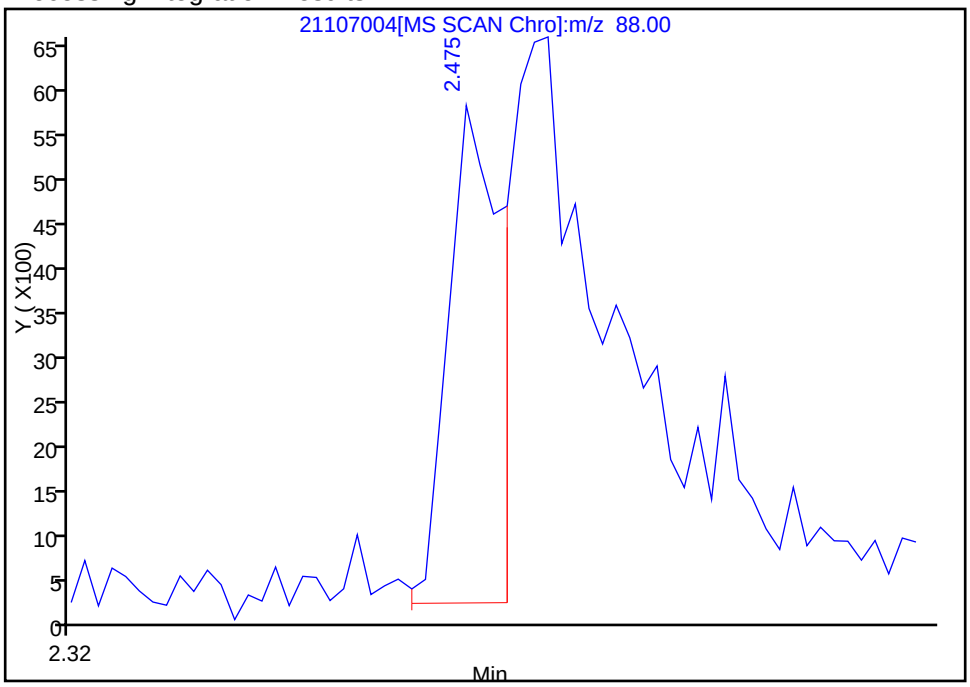
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107004.D		
Injection Date:	07-Nov-2012 12:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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: 2.50

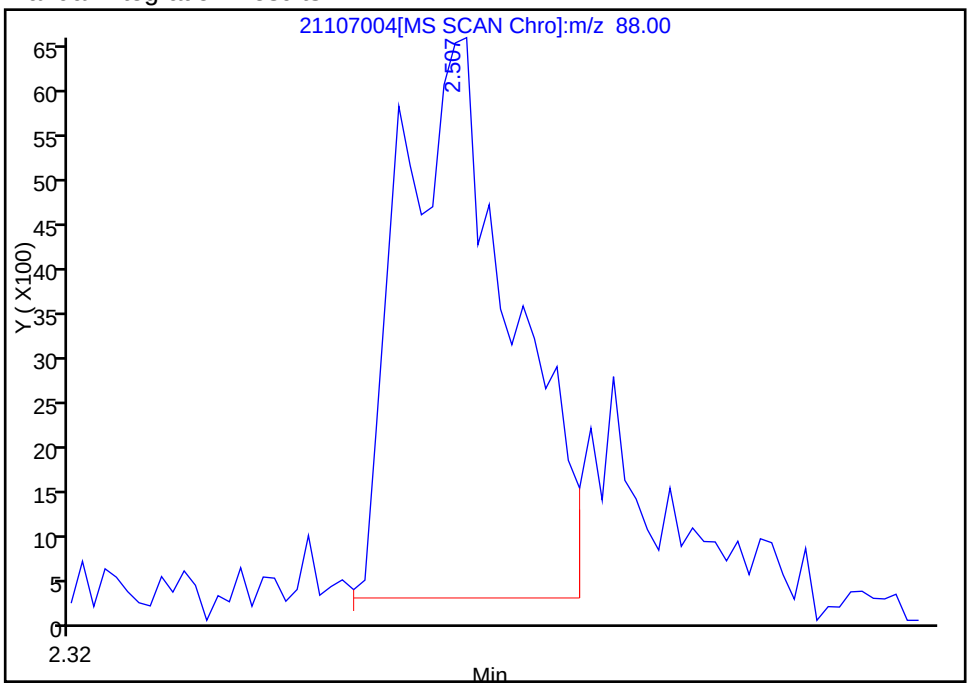
Processing Integration Results

RT: 2.48
Response: 8236
Amount: 0.391712



Manual Integration Results

RT: 2.51
Response: 23164
Amount: 0.911975



Reviewer: gruberj, 07-Nov-2012 14:47:37
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

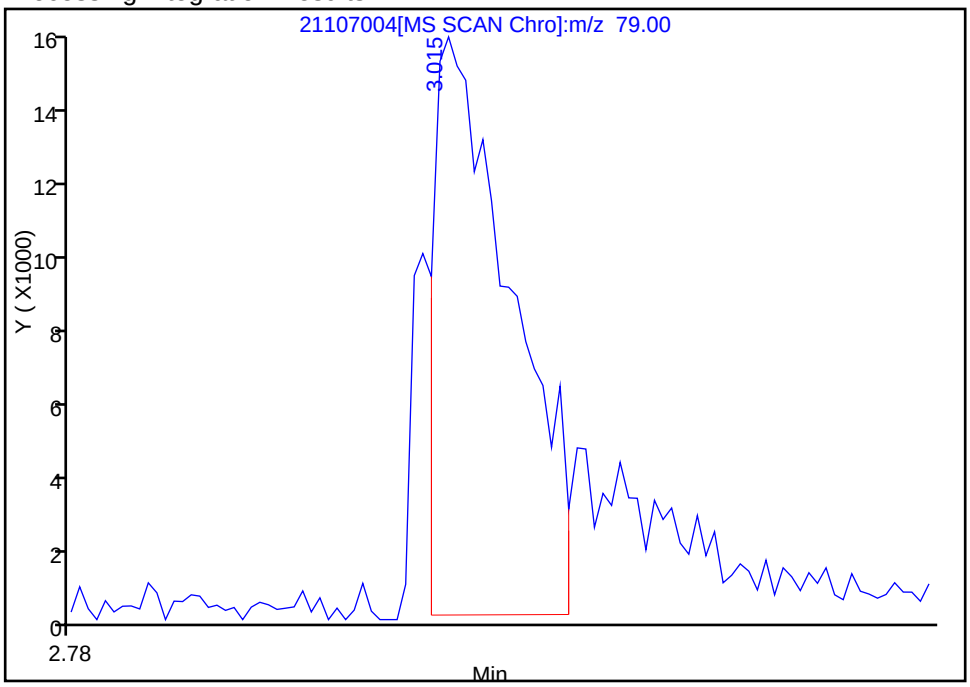
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107004.D		
Injection Date:	07-Nov-2012 12:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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: 3.00

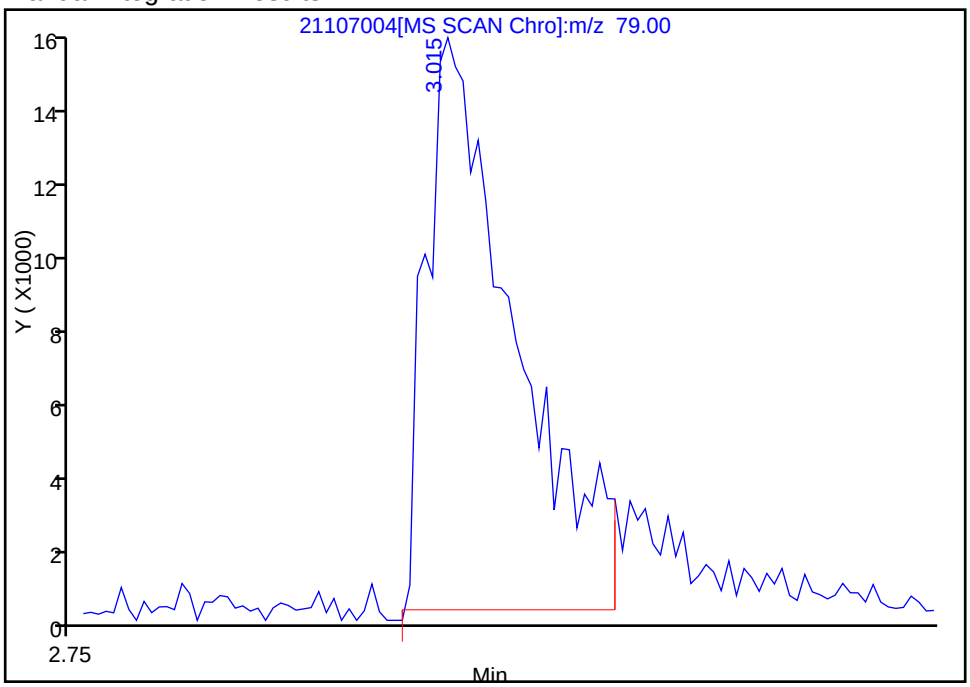
Processing Integration Results

RT: 3.02
Response: 52039
Amount: 0.942352



Manual Integration Results

RT: 3.02
Response: 65639
Amount: 0.901781



Reviewer: gruberj, 07-Nov-2012 14:49:02
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Lims ID:	std2 tcl	Client ID:	
Inject. Date:	07-Nov-2012 12:54:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0014744-005		
Misc. Info.:	std2 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	64102	Lims Sample ID:	5
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:09	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:50:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	96	217253	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	836850	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	89	468517	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	98	793496	4.00	
* 5 Chrysene-d12	240	12.301	12.301	0.0	98	784074	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	96	621997	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	78	31806	0.4736	
$ 8 Phenol-d5	99	5.540	5.540	0.0	81	38471	0.4512	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	84	35037	0.4762	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	99	70370	0.4630	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	76	8328	0.4297	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	95	67286	0.4634	
24 1,4-Dioxane	88	2.513	2.502	0.011	86	11562	0.4586	M
25 N-Nitrosodimethylamine	74	2.967	2.946	0.021	0	16701	0.7389	M
26 Pyridine	79	3.026	3.005	0.021	77	27577	0.3817	M
27 Ethyl methacrylate	69	3.625	3.641	-0.016	82	27799	0.4631	M
28 3-Chloropropionitrile	54	4.005	4.005	0.0	72	18024	0.4499	
32 Malononitrile	66	4.342	4.342	0.0	85	28334	0.3749	M
40 Benzaldehyde	77	5.503	5.508	-0.005	89	31159	0.5501	
41 Phenol	94	5.551	5.551	0.0	95	40912	0.4500	
43 Aniline	93	5.599	5.599	0.0	97	54295	0.4776	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	89	35302	0.5028	
46 2-Chlorophenol	128	5.706	5.706	0.0	94	35434	0.4825	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	94	40215	0.5080	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	68	38155	0.4852	
49 Benzyl alcohol	108	6.011	6.011	0.0	91	19926	0.4403	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	94	38122	0.5085	
51 2-Methylphenol	108	6.096	6.096	0.0	90	30361	0.4582	
52 2,2'-oxybis[1-chloropropane]	45	6.128	6.134	-0.006	91	51009	0.4950	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.225	6.230	-0.005	96	33473	0.4819	
56 N-Nitrosodi-n-propylamine	70	6.241	6.246	-0.005	87	22365	0.4546	
57 Acetophenone	105	6.246	6.251	-0.005	91	48366	0.4926	
60 Hexachloroethane	117	6.353	6.353	0.0	83	17373	0.5436	
61 Nitrobenzene	77	6.401	6.401	0.0	87	34749	0.4569	
63 Isophorone	82	6.604	6.605	0.0	93	57372	0.4298	
65 2-Nitrophenol	139	6.679	6.679	0.0	90	14494	0.4051	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	94	32662	0.4922	
64 2,4-Dimethylphenol	107	6.690	6.695	-0.005	92	31245	0.4442	
69 Benzoic acid	122		6.760					
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	93	40685	0.4799	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	90	25326	0.4556	
72 1,2,4-Trichlorobenzene	180	6.957	6.958	-0.001	88	33761	0.5092	
73 Naphthalene	128	7.032	7.032	0.0	90	104432	0.4994	
74 4-Chloroaniline	127	7.064	7.064	0.0	85	40420	0.4535	
77 Hexachlorobutadiene	225	7.129	7.129	0.0	88	18988	0.5288	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	83	32041	0	
83 Caprolactam	113	7.337	7.348	-0.011	69	5367	0.6707	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	93	26283	0.4402	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	91	68907	0.5152	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	84	58790	0.4619	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	94	32952	0.5175	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	77	17829	0.4696	
90 2,4,6-Trichlorophenol	196	7.845	7.845	0.0	85	16515	0.4182	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	85	17442	0.4100	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	91	22739	0.5338	
96 1,2,3,4 -Tetrachlorobenzene	216	8.000	8.001	-0.001	93	29879	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	92	81962	0.4953	
98 2-Chloronaphthalene	162	8.032	8.038	-0.006	88	64920	0.5018	
100 2-Nitroaniline	65	8.107	8.107	0.0	73	16267	0.4283	
103 Dimethyl phthalate	163	8.246	8.252	-0.006	99	65798	0.4782	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	83	10212	0.7138	
106 1,2-Dinitrobenzene	168	8.353	8.354	-0.001	83	6207	0.4066	
107 Acenaphthylene	152	8.391	8.391	0.0	92	102247	0.4784	
108 3-Nitroaniline	138	8.450	8.450	0.0	86	12934	0.3755	
110 Acenaphthene	153	8.535	8.535	0.0	90	65980	0.5134	
109 2,4-Dinitrophenol	184		8.535					9
111 4-Nitrophenol	109	8.562	8.562	0.0	83	7674	0.3868	
112 2,4-Dinitrotoluene	165	8.642	8.648	-0.006	79	13261	0.6485	
114 Dibenzofuran	168	8.680	8.680	0.0	88	92415	0.4845	
115 2,3,5,6-Tetrachlorophenol	232	8.738	8.733	0.005	82	13375	0.3814	
119 Diethyl phthalate	149	8.840	8.840	0.0	94	69007	0.4797	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	88	33574	0.4633	
123 4-Nitroaniline	138	8.963	8.969	-0.006	76	11766	0.5828	
124 Fluorene	166	8.968	8.969	-0.001	94	75260	0.4913	
126 4,6-Dinitro-2-methylphenol	198		8.990					9
130 N-Nitrosodiphenylamine	169	9.049	9.049	0.0	0	48479	0.4430	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	70470	0.4563	
131 Azobenzene	77	9.091	9.092	-0.001	98	70470	0.4563	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	60	20216	0.4995	
139 Hexachlorobenzene	284	9.434	9.434	0.0	82	21486	0.5155	
140 Atrazine	200	9.482	9.482	0.0	79	11621	0.3902	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	73	15165	0.9147	
146 Phenanthrene	178	9.787	9.787	0.0	85	110046	0.5076	
147 Anthracene	178	9.830	9.830	0.0	85	101682	0.4721	
149 Carbazole	167	9.953	9.953	0.0	80	93434	0.4466	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	90362	0.3845	
157 Fluoranthene	202	10.792	10.792	0.0	96	110763	0.4627	
158 Benzidine	184	10.889	10.894	-0.005	91	27899	0.6102	
160 Pyrene	202	11.001	11.001	0.0	97	115570	0.4619	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	92	32519	0.4466	
170 3,3'-Dimethoxybenzidine	244	12.194	12.194	0.0	54	6711	0.8408	
173 3,3'-Dichlorobenzidine	252	12.236	12.237	-0.001	67	27172	0.5060	
172 4,4'-Methylene bis(2-chloroanili	231	12.236	12.237	-0.001	60	11161	0.4106	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	92	41362	0.4789	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	88	102866	0.4701	
176 Chrysene	228	12.338	12.338	0.0	93	98168	0.4707	
178 Di-n-octyl phthalate	149	13.173	13.167	0.005	93	43155	0.5224	
180 Benzo[b]fluoranthene	252	13.782	13.788	-0.006	90	86780	0.4374	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	83	84980	0.3941	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	72	72665	0.4751	
186 Indeno[1,2,3-cd]pyrene	276	16.007	16.007	0.0	87	78803	0.4378	
187 Dibenz(a,h)anthracene	278	16.039	16.040	-0.001	71	52116	0.4390	
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	90	66135	0.3714	
S 189 Methyl Phenols,Total	100				0		0.4582	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

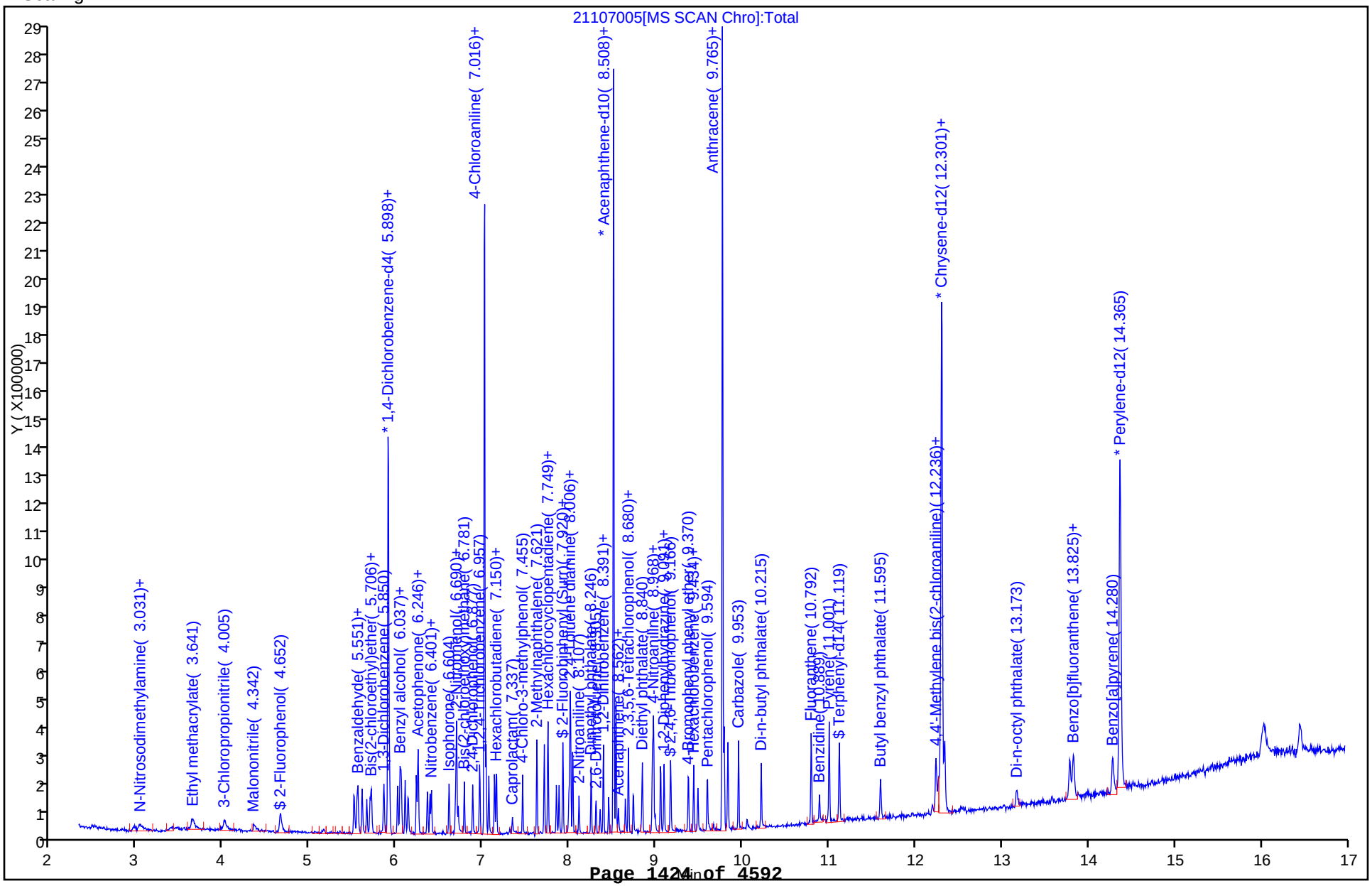
Report Date: 08-Nov-2012 13:38:09 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D

Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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

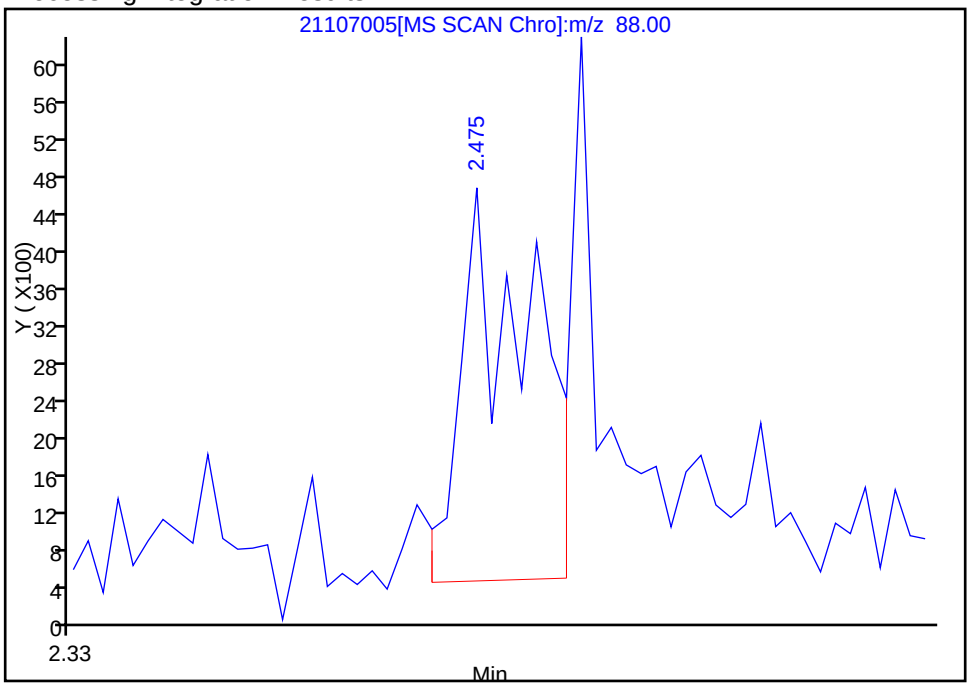
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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: 2.50

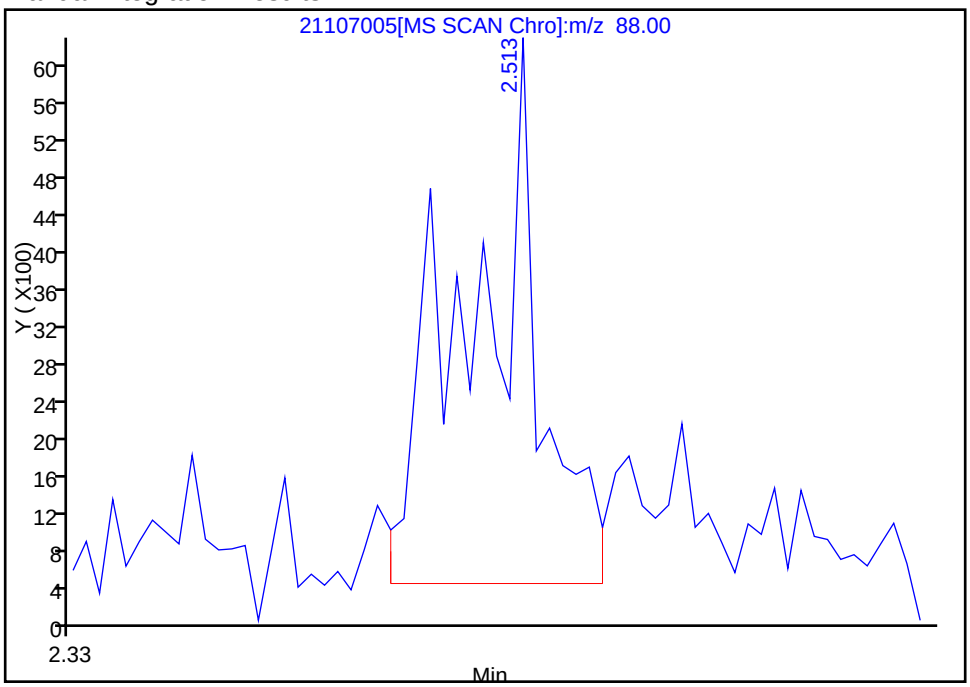
Processing Integration Results

RT: 2.48
Response: 7259
Amount: 0.307210



Manual Integration Results

RT: 2.51
Response: 11562
Amount: 0.458588



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

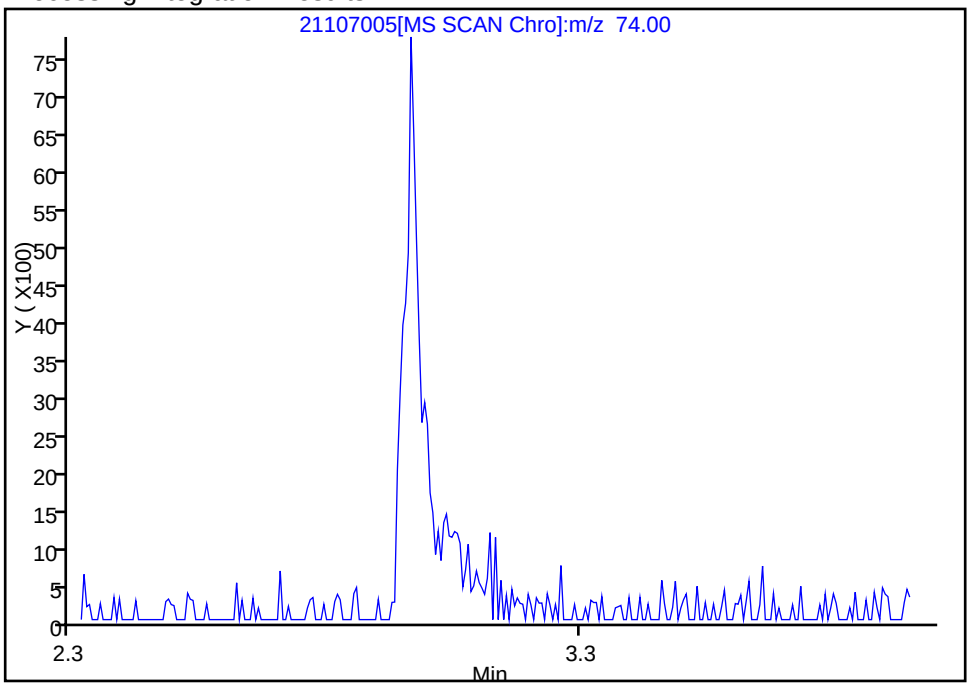
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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: 2.95

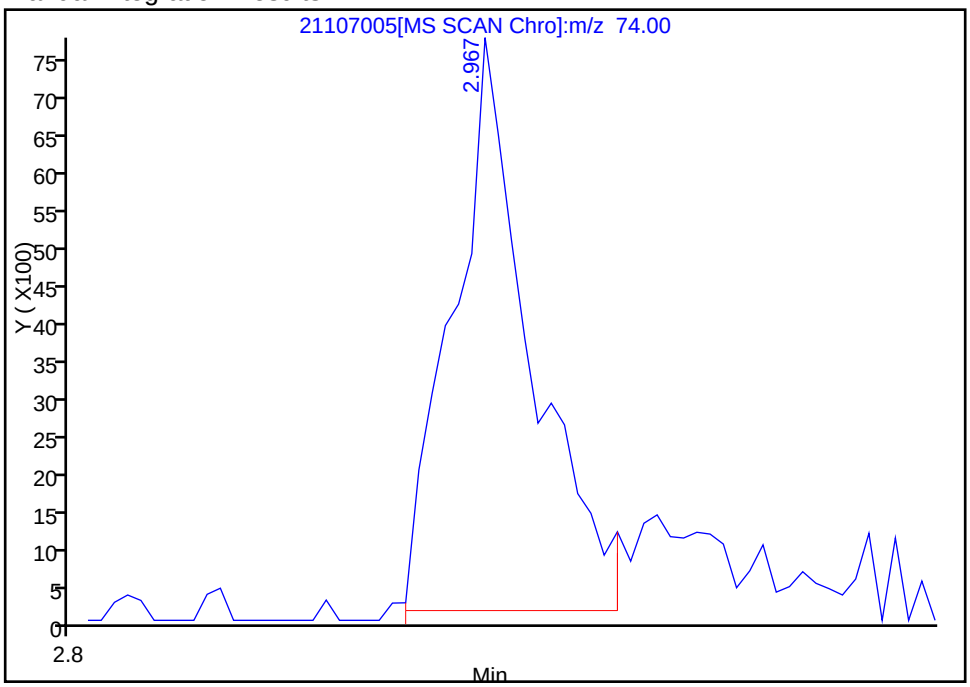
Not Detected
Expected RT: 2.95

Processing Integration Results



Manual Integration Results

RT: 2.97
Response: 16701
Amount: 0.738850



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

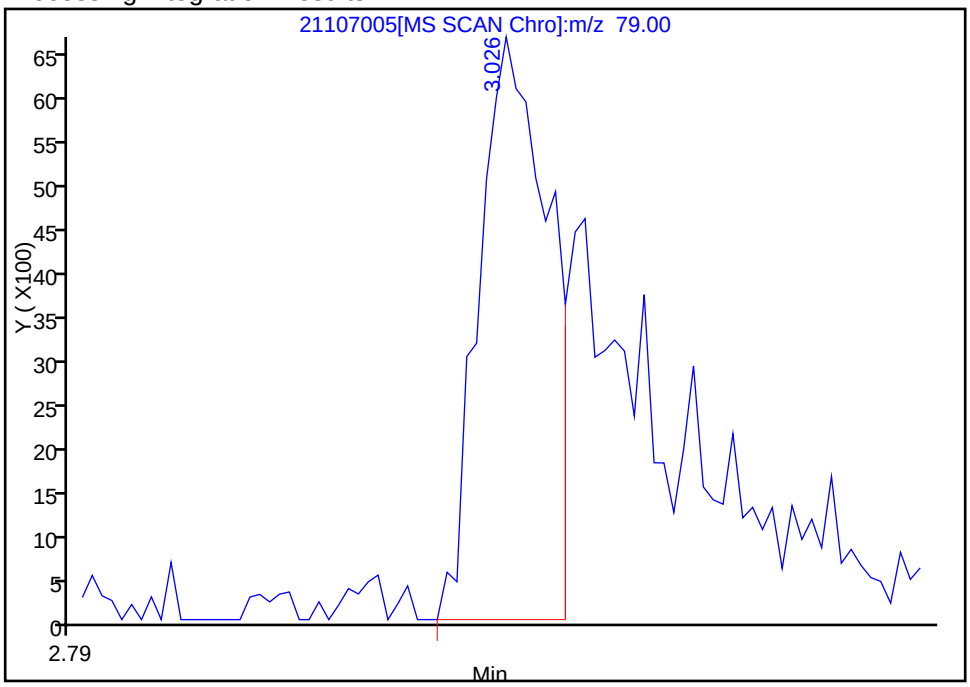
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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: 3.00

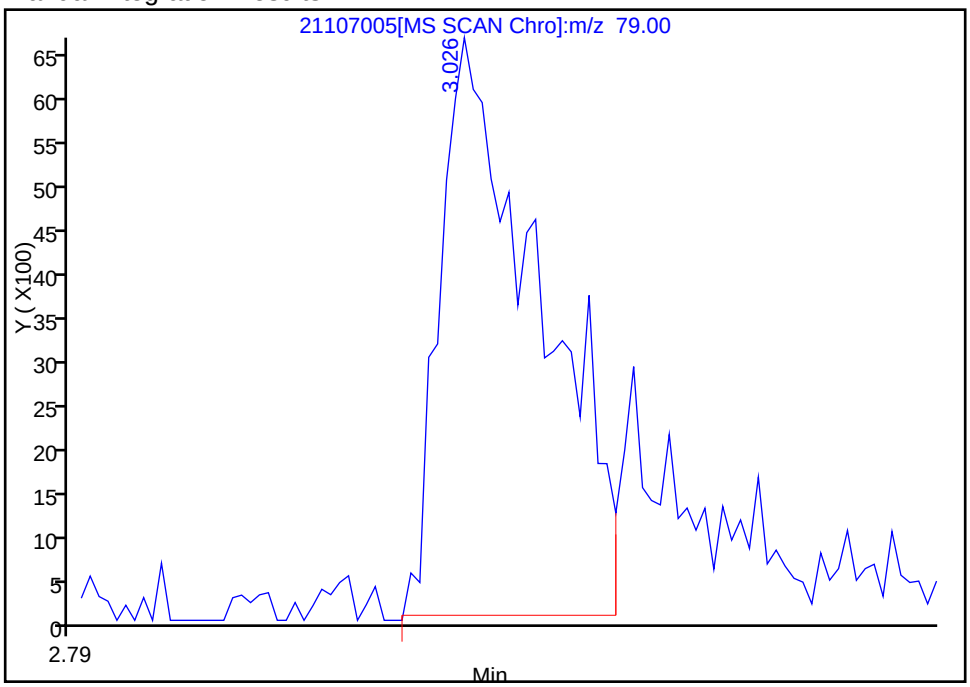
Processing Integration Results

RT: 3.03
Response: 17673
Amount: 0.464592



Manual Integration Results

RT: 3.03
Response: 27577
Amount: 0.381686



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

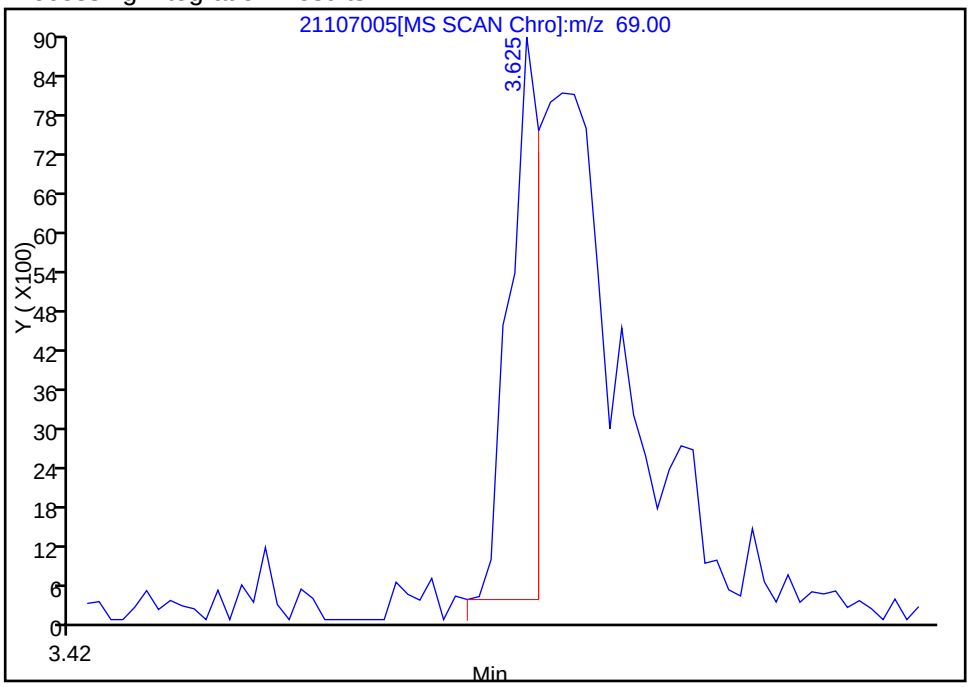
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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: 3.64

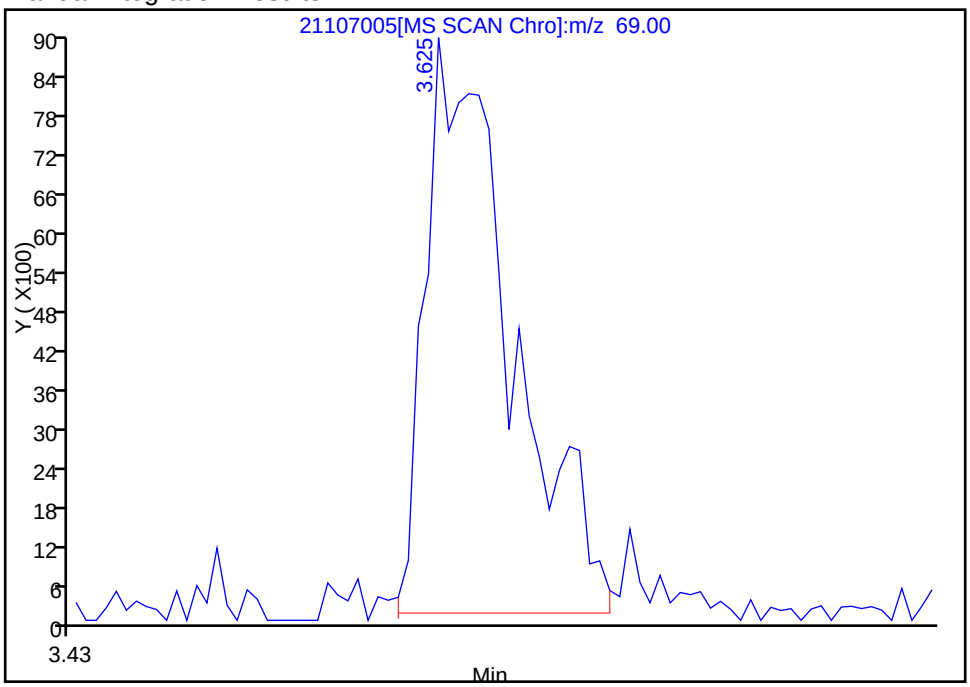
Processing Integration Results

RT: 3.63
Response: 8252
Amount: 0.296683



Manual Integration Results

RT: 3.63
Response: 27799
Amount: 0.463069



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

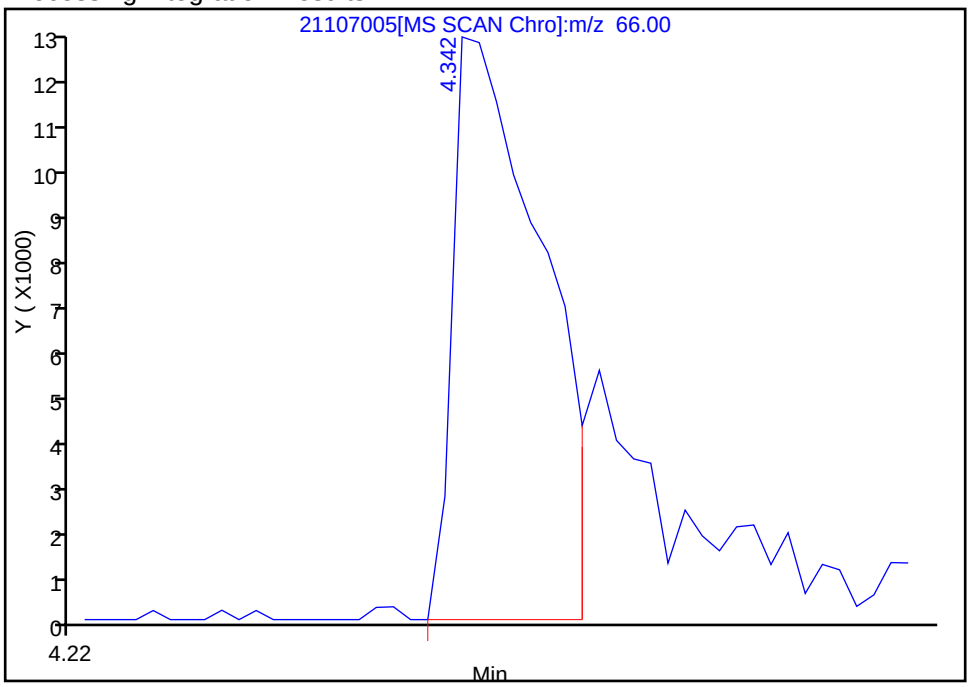
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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: 4.34

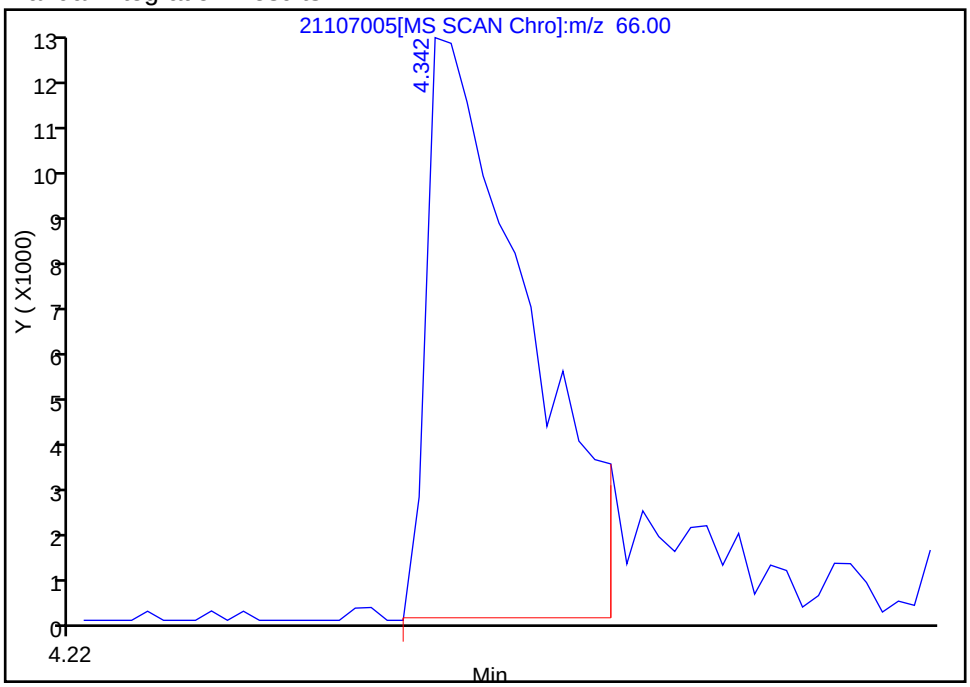
Processing Integration Results

RT: 4.34
Response: 23572
Amount: 0.626350



Manual Integration Results

RT: 4.34
Response: 28334
Amount: 0.374916



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D		
Lims ID:	std1 tcl	Client ID:	
Inject. Date:	07-Nov-2012 13:18:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0014744-006		
Misc. Info.:	std1 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	64102	Lims Sample ID:	6
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:10	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:51:24

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.899	5.898	0.001	97	218239	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	848829	4.00	
* 3 Acenaphthene-d10	164	8.509	8.509	0.0	92	463448	4.00	
* 4 Phenanthrene-d10	188	9.766	9.765	0.001	98	807621	4.00	
* 5 Chrysene-d12	240	12.301	12.301	0.0	97	758195	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	92	603626	4.00	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	76	6483	0.0869	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	85	14545	0.0967	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	80	13394	0.0954	
40 Benzaldehyde	77	5.508	5.508	0.0	76	6123	0.1076	
73 Naphthalene	128	7.032	7.032	0.0	47	19322	0.0911	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	79	12641	0.0932	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	77	11911	0.0923	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	91	17216	0.1052	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	80	12516	0.0978	
107 Acenaphthylene	152	8.391	8.391	0.0	80	19842	0.0939	
110 Acenaphthene	153	8.535	8.535	0.0	73	11799	0.0928	
114 Dibenzofuran	168	8.680	8.680	0.0	86	19920	0.1056	
124 Fluorene	166	8.969	8.969	0.0	86	14541	0.0960	
139 Hexachlorobenzene	284	9.434	9.434	0.0	48	4345	0.1024	
146 Phenanthrene	178	9.787	9.787	0.0	83	23225	0.1053	
147 Anthracene	178	9.830	9.830	0.0	89	18837	0.0859	
157 Fluoranthene	202	10.793	10.792	0.001	91	20262	0.0832	
160 Pyrene	202	11.001	11.001	0.0	96	22058	0.0912	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	66	20154	0.0953	
176 Chrysene	228	12.333	12.338	-0.005	77	21017	0.1042	
180 Benzo[b]fluoranthene	252	13.782	13.788	-0.006	79	14882	0.0773	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	63	16988	0.0812	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	37	11224	0.1704	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
186 Indeno[1,2,3-cd]pyrene	276	16.018	16.007	0.011	0	12509	0.1395	M
187 Dibenz(a,h)anthracene	278	16.045	16.040	0.005	30	10312	0.2238	M
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	57	13397	0.0775	M

QC Flag Legend

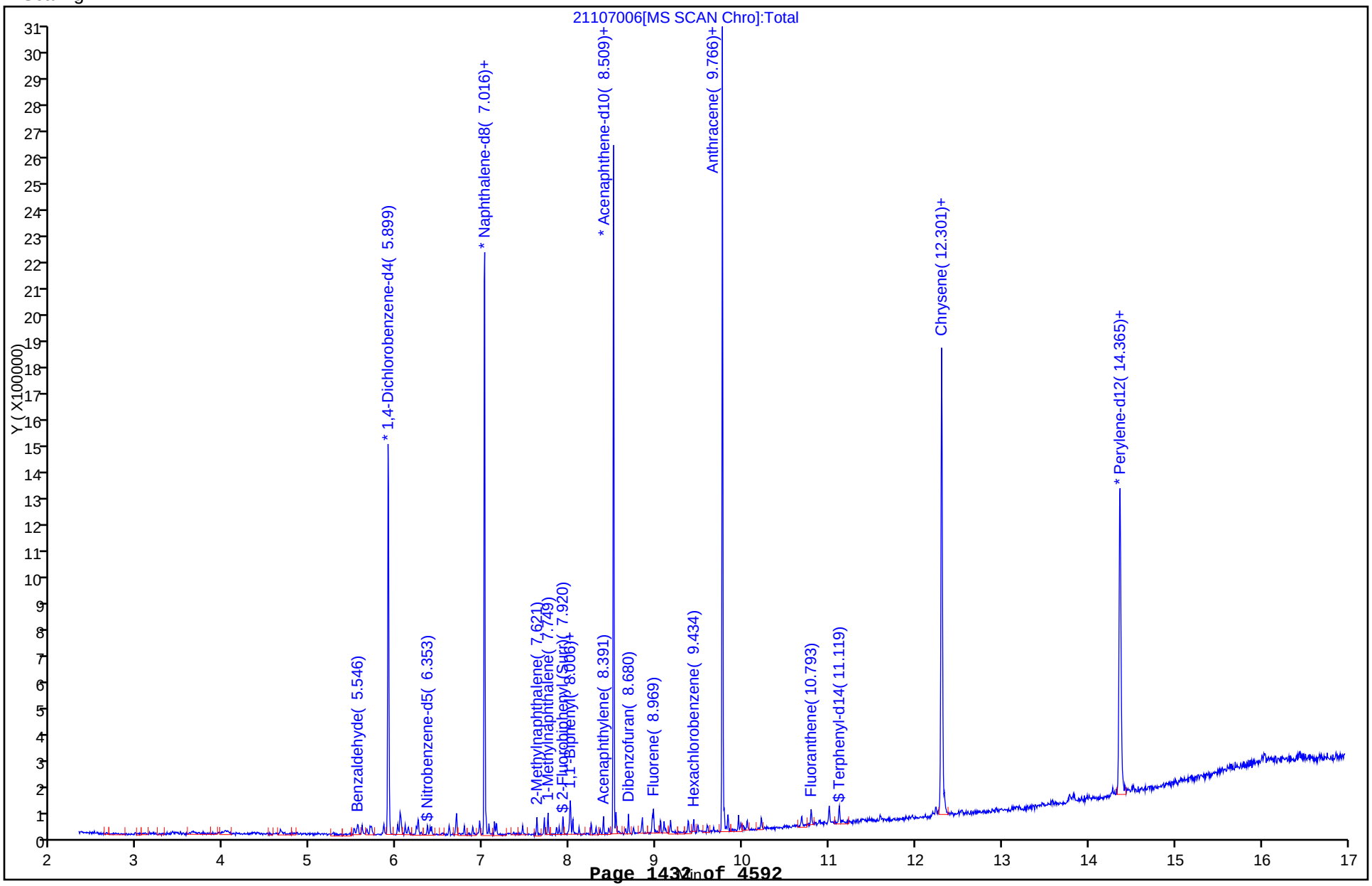
Review Flags
M - Manually Integrated

Report Date: 08-Nov-2012 13:38:11 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D		
Injection Date:	07-Nov-2012 13:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	6
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

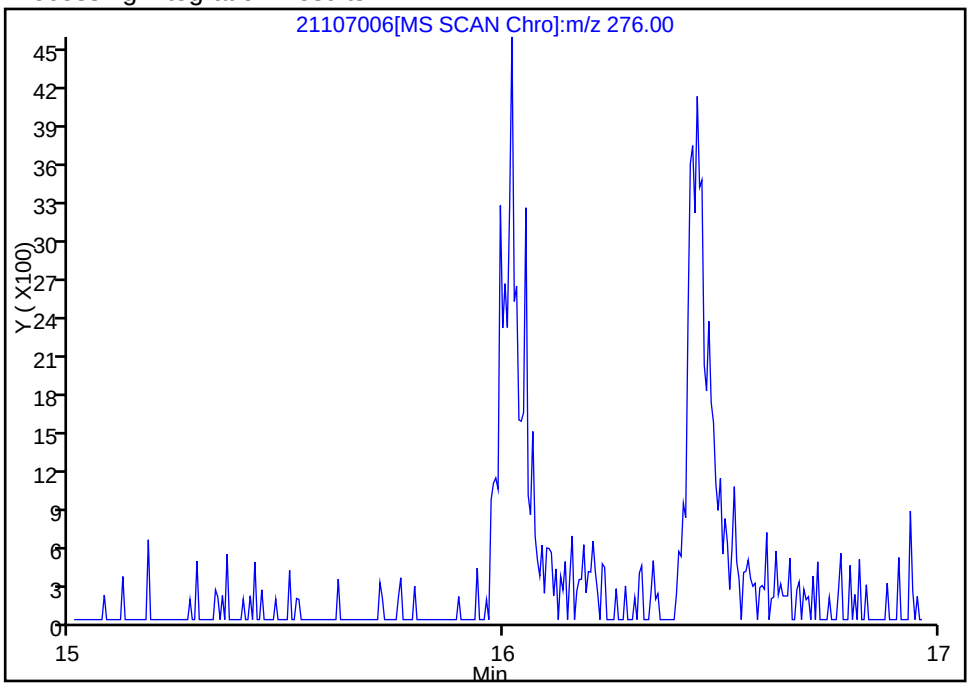
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D		
Injection Date:	07-Nov-2012 13:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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: 16.01

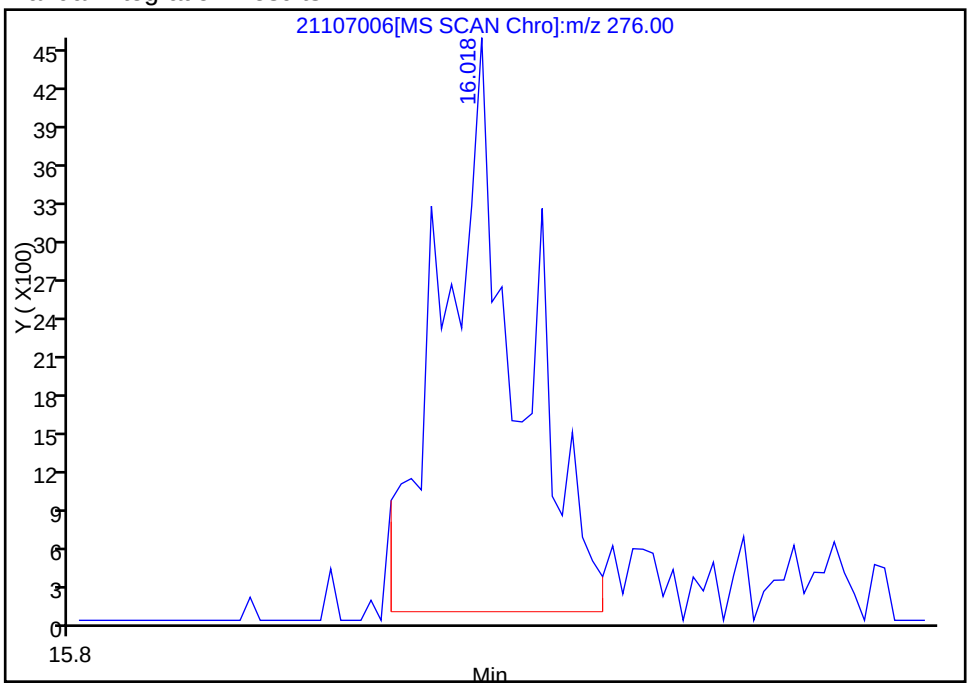
Not Detected
Expected RT: 16.01

Processing Integration Results



Manual Integration Results

RT: 16.02
Response: 12509
Amount: 0.139465



Reviewer: gruberj, 07-Nov-2012 14:51:24
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

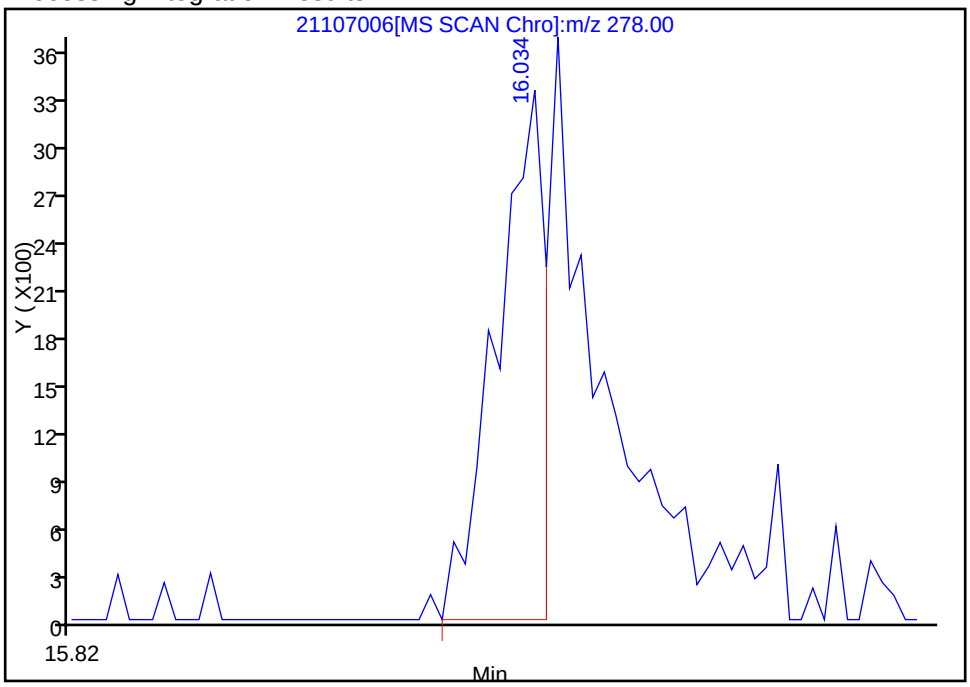
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D		
Injection Date:	07-Nov-2012 13:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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: 16.04

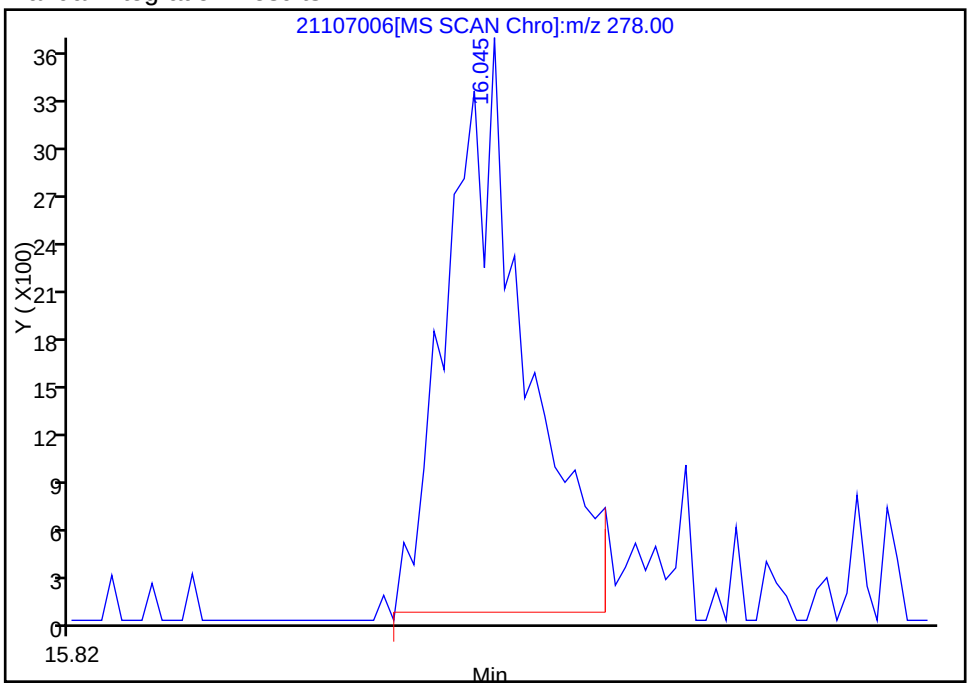
Processing Integration Results

RT: 16.03
Response: 5189
Amount: 0.200793



Manual Integration Results

RT: 16.04
Response: 10312
Amount: 0.223750



Reviewer: gruberj, 07-Nov-2012 14:51:24
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

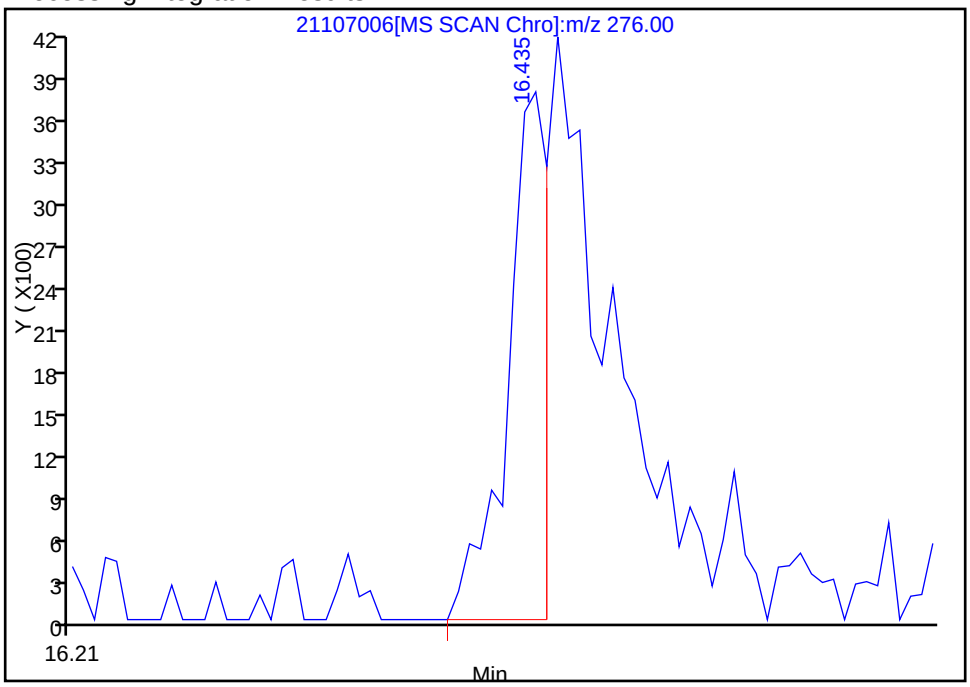
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D		
Injection Date:	07-Nov-2012 13:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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: 16.45

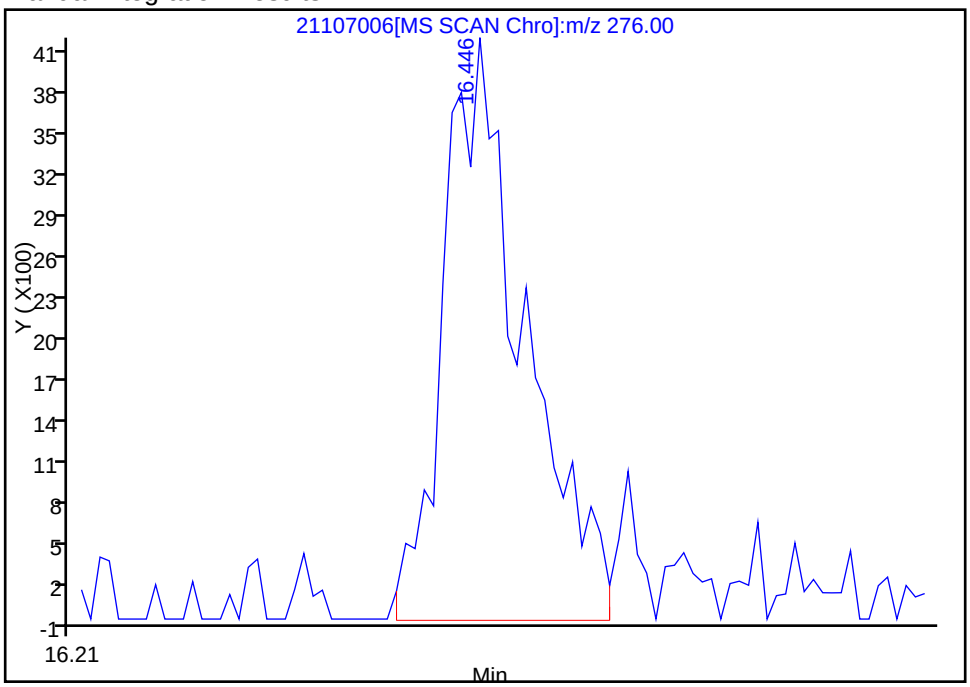
Processing Integration Results

RT: 16.44
Response: 5097
Amount: 0.092366



Manual Integration Results

RT: 16.45
Response: 13397
Amount: 0.077522



Reviewer: gruberj, 07-Nov-2012 14:51:24
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107007.D
Lims ID: std9 tcl
Client ID:
Inject. Date: 07-Nov-2012 13:41:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 9
Sample ID: 240-0014744-007
Misc. Info.: std9 tcl
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 7
Lims Batch ID: 64102
Lims Sample ID: 7
Sublist: chrom-8270_hp7*sub15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m
Last Update: 08-Nov-2012 13:38:12
Calib Date: 07-Nov-2012 14:51:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj
Date: 07-Nov-2012 14:52:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.898	0.006	95	204073	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	100	775333	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	92	454396	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	97	774592	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	89	780553	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	95	652033	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	91	1608759	25.5	
$ 8 Phenol-d5	99	5.540	5.540	0.0	95	2055113	25.7	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	89	1807783	26.5	
$ 10 2-Fluorobiphenyl (Surr)	172	7.925	7.920	0.005	99	3709926	25.2	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	87	492588	26.2	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	98	3740756	25.9	
24 1,4-Dioxane	88	2.507	2.502	0.005	97	670580	28.3	
25 N-Nitrosodimethylamine	74	2.951	2.946	0.005	93	1020584	24.4	
26 Pyridine	79	3.005	3.005	0.0	95	1811625	26.7	
27 Ethyl methacrylate	69	3.641	3.641	0.0	92	1410556	25.0	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	88	983880	26.1	
32 Malononitrile	66	4.342	4.342	0.0	98	1838076	25.9	
40 Benzaldehyde	77		5.508					
41 Phenol	94	5.556	5.551	0.005	98	2157751	25.3	
43 Aniline	93	5.599	5.599	0.0	98	2711054	25.4	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	96	1653462	25.1	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	1749387	25.4	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	1840193	24.7	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	91	1812536	24.5	
49 Benzyl alcohol	108	6.011	6.011	0.0	91	1109887	26.1	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	95	1761611	25.0	
51 2-Methylphenol	108	6.096	6.096	0.0	96	1598670	25.7	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	92	2394076	24.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.230	6.230	0.0	97	1641179	25.2	
56 N-Nitrosodi-n-propylamine	70	6.246	6.246	0.0	90	1170477	25.3	
57 Acetophenone	105	6.251	6.251	0.0	96	2303818	25.0	
60 Hexachloroethane	117	6.353	6.353	0.0	94	737294	24.6	
61 Nitrobenzene	77	6.401	6.401	0.0	84	1835606	26.1	
63 Isophorone	82	6.610	6.605	0.006	98	3291755	26.6	
65 2-Nitrophenol	139	6.679	6.679	0.0	96	886070	26.7	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	95	1509857	24.6	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	95	1663053	25.5	
69 Benzoic acid	122	6.786	6.760	0.026	54	2263947	49.2	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	99	1980306	25.2	
71 2,4-Dichlorophenol	162	6.882	6.877	0.005	93	1363692	26.5	
72 1,2,4-Trichlorobenzene	180	6.963	6.958	0.005	89	1543759	25.1	
73 Naphthalene	128	7.032	7.032	0.0	96	5098943	26.3	
74 4-Chloroaniline	127	7.064	7.064	0.0	85	2153710	26.1	
77 Hexachlorobutadiene	225	7.134	7.129	0.005	90	834160	25.1	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	90	1452449	0	
83 Caprolactam	113	7.364	7.348	0.016	80	409876	24.6	
84 4-Chloro-3-methylphenol	107	7.460	7.455	0.005	94	1473568	26.6	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	88	3192368	25.8	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	83	3074953	26.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	93	1502806	24.3	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	92	976433	26.5	
90 2,4,6-Trichlorophenol	196	7.851	7.845	0.006	92	1013558	26.5	
91 2,4,5-Trichlorophenol	196	7.883	7.877	0.006	95	1072129	26.0	
94 2,4-Toluene diamine	121	7.995	7.990	0.005	97	868625	22.0	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	87	1440062	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	93	3965786	24.7	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	95	3115146	24.8	
100 2-Nitroaniline	65	8.107	8.107	0.0	83	987900	26.8	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	3437402	25.8	
105 2,6-Dinitrotoluene	165	8.311	8.305	0.006	90	768083	24.6	
106 1,2-Dinitrobenzene	168	8.359	8.354	0.005	89	409392	27.6	
107 Acenaphthylene	152	8.391	8.391	0.0	97	5445218	26.3	
108 3-Nitroaniline	138	8.455	8.450	0.005	93	928853	27.8	
110 Acenaphthene	153	8.535	8.535	0.0	91	3085730	24.8	
109 2,4-Dinitrophenol	184	8.541	8.535	0.006	79	1106604	49.3	
111 4-Nitrophenol	109	8.567	8.562	0.005	90	539112	28.0	
112 2,4-Dinitrotoluene	165	8.653	8.648	0.005	93	1064143	24.6	
114 Dibenzofuran	168	8.680	8.680	0.0	88	4675894	25.3	
115 2,3,5,6-Tetrachlorophenol	232	8.738	8.733	0.005	89	924029	27.2	
119 Diethyl phthalate	149	8.845	8.840	0.005	97	3593483	25.8	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	93	1748364	24.9	
123 4-Nitroaniline	138	8.974	8.969	0.005	61	904568	24.6	
124 Fluorene	166	8.974	8.969	0.005	91	3734212	25.1	
126 4,6-Dinitro-2-methylphenol	198	8.995	8.990	0.005	79	687768	24.7	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	2794355	26.2	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	3920417	26.0	
131 Azobenzene	77	9.091	9.092	-0.001	99	3920417	26.0	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	62	999726	25.3	
139 Hexachlorobenzene	284	9.439	9.434	0.005	90	998152	24.5	
140 Atrazine	200	9.487	9.482	0.005	90	719727	24.8	

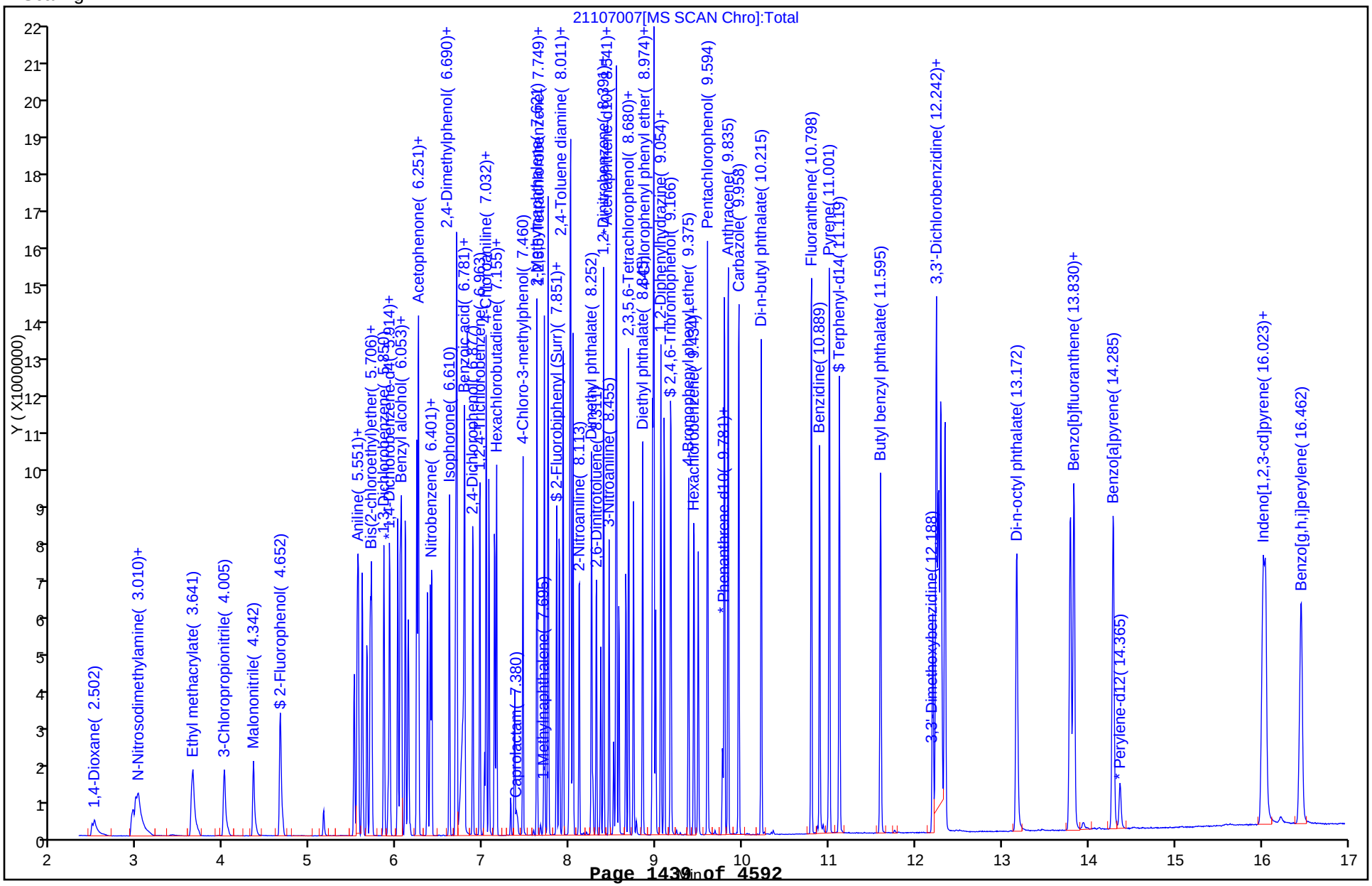
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	87	1450927	50.1	
146 Phenanthrene	178	9.787	9.787	0.0	97	5330724	25.2	
147 Anthracene	178	9.835	9.830	0.005	96	5594055	26.6	
149 Carbazole	167	9.958	9.953	0.005	81	5414909	26.5	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	99	6436053	28.1	
157 Fluoranthene	202	10.798	10.792	0.006	96	6279316	26.9	
158 Benzidine	184	10.889	10.894	-0.005	99	3730708	24.8	
160 Pyrene	202	11.001	11.001	0.0	98	6663115	26.8	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	97	2723023	24.8	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	87	1502602	24.6	
173 3,3'-Dichlorobenzidine	252	12.242	12.237	0.005	64	2222486	24.9	
172 4,4'-Methylene bis(2-chloroanili	231	12.242	12.237	0.005	71	1060036	25.0	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	95	3834094	24.7	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	94	5770519	26.5	
176 Chrysene	228	12.343	12.338	0.005	92	5395172	26.0	
178 Di-n-octyl phthalate	149	13.172	13.167	0.005	99	6486699	24.8	
180 Benzo[b]fluoranthene	252	13.793	13.788	0.005	93	5752475	27.7	
181 Benzo[k]fluoranthene	252	13.830	13.825	0.005	95	6401152	28.3	
182 Benzo[a]pyrene	252	14.285	14.280	0.005	75	5751071	25.0	
186 Indeno[1,2,3-cd]pyrene	276	16.018	16.007	0.011	94	6209963	25.0	
187 Dibenz(a,h)anthracene	278	16.050	16.040	0.010	79	5198411	24.9	
188 Benzo[g,h,i]perylene	276	16.462	16.446	0.016	93	5328943	28.5	
S 189 Methyl Phenols,Total	100				0		25.7	

Report Date: 08-Nov-2012 13:38:12 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107007.D		
Injection Date:	07-Nov-2012 13:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107008.D		
Lims ID:	std8 tcl	Client ID:	
Inject. Date:	07-Nov-2012 14:05:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	8
Sample ID:	240-0014744-008		
Misc. Info.:	std8 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	64102	Lims Sample ID:	8
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:14	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:52:58

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.898	0.006	94	266636	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	1051114	4.00	
* 3 Acenaphthene-d10	164	8.509	8.509	0.0	92	603275	4.00	
* 4 Phenanthrene-d10	188	9.766	9.765	0.001	95	1061630	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	96	1072143	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	96	921300	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	93	1776893	21.6	
$ 8 Phenol-d5	99	5.540	5.540	0.0	94	2282025	21.8	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	89	2011974	21.8	
$ 10 2-Fluorobiphenyl (Surr)	172	7.926	7.920	0.006	99	4176600	21.3	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	87	542442	21.7	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	98	4196729	21.1	
24 1,4-Dioxane	88	2.507	2.502	0.005	96	533305	17.2	
25 N-Nitrosodimethylamine	74	2.951	2.946	0.005	92	1152976	21.2	
26 Pyridine	79	3.010	3.005	0.005	94	1976673	22.3	
27 Ethyl methacrylate	69	3.641	3.641	0.0	91	1555123	21.1	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	88	1105388	22.5	
32 Malononitrile	66	4.342	4.342	0.0	97	2134060	23.0	
40 Benzaldehyde	77	5.508	5.508	0.0	92	1113893	16.0	
41 Phenol	94	5.556	5.551	0.005	98	2377819	21.3	
43 Aniline	93	5.599	5.599	0.0	98	2982264	21.4	
44 Bis(2-chloroethyl)ether	93	5.658	5.652	0.006	96	1820736	21.1	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	1939192	21.5	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	2033209	20.9	
48 1,4-Dichlorobenzene	146	5.920	5.915	0.005	94	1994970	20.7	
49 Benzyl alcohol	108	6.011	6.011	0.0	91	1218061	21.9	
50 1,2-Dichlorobenzene	146	6.054	6.054	0.0	95	1921155	20.9	
51 2-Methylphenol	108	6.096	6.096	0.0	95	1761548	21.7	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	92	2710885	21.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.230	6.230	0.0	96	1863583	21.9	
56 N-Nitrosodi-n-propylamine	70	6.246	6.246	0.0	89	1305510	21.6	
57 Acetophenone	105	6.252	6.251	0.001	95	2540663	21.1	
60 Hexachloroethane	117	6.353	6.353	0.0	93	812553	20.7	
61 Nitrobenzene	77	6.401	6.401	0.0	81	2023003	21.2	
63 Isophorone	82	6.610	6.605	0.006	97	3679329	21.9	
65 2-Nitrophenol	139	6.679	6.679	0.0	96	994494	22.1	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	95	1677390	20.1	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	95	1847588	20.9	
69 Benzoic acid	122	6.792	6.760	0.032	84	2567708	41.6	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	98	2179326	20.5	
71 2,4-Dichlorophenol	162	6.883	6.877	0.006	94	1510979	21.6	
72 1,2,4-Trichlorobenzene	180	6.963	6.958	0.005	93	1678302	20.2	
73 Naphthalene	128	7.032	7.032	0.0	97	5581839	21.3	
74 4-Chloroaniline	127	7.065	7.064	0.0	85	2412184	21.5	
77 Hexachlorobutadiene	225	7.129	7.129	0.0	93	908100	20.1	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	90	1598618	0	
83 Caprolactam	113	7.369	7.348	0.021	80	479685	20.0	
84 4-Chloro-3-methylphenol	107	7.460	7.455	0.005	93	1637447	21.8	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	83	3531733	21.0	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	83	3374252	21.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	93	1631883	19.9	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	86	1059644	21.7	
90 2,4,6-Trichlorophenol	196	7.851	7.845	0.006	90	1118437	22.0	
91 2,4,5-Trichlorophenol	196	7.883	7.877	0.006	95	1212108	22.1	
94 2,4-Toluene diamine	121	7.995	7.990	0.005	98	882419	16.5	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	90	1564968	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	93	4411496	20.7	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	95	3457946	20.8	
100 2-Nitroaniline	65	8.113	8.107	0.006	86	1115602	22.8	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	3825470	21.6	
105 2,6-Dinitrotoluene	165	8.311	8.305	0.006	91	867959	21.0	
106 1,2-Dinitrobenzene	168	8.359	8.354	0.005	89	456583	23.2	
107 Acenaphthylene	152	8.391	8.391	0.0	91	6002224	21.8	
108 3-Nitroaniline	138	8.455	8.450	0.005	94	1049195	23.7	
110 Acenaphthene	153	8.535	8.535	0.0	92	3408737	20.6	
109 2,4-Dinitrophenol	184	8.541	8.535	0.006	75	1219360	41.2	
111 4-Nitrophenol	109	8.573	8.562	0.011	91	593687	23.2	
112 2,4-Dinitrotoluene	165	8.653	8.648	0.005	93	1184303	20.8	
114 Dibenzofuran	168	8.680	8.680	0.0	85	5132615	20.9	
115 2,3,5,6-Tetrachlorophenol	232	8.739	8.733	0.006	86	1035587	22.9	
119 Diethyl phthalate	149	8.846	8.840	0.006	98	4041181	21.8	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	91	1987312	21.3	
123 4-Nitroaniline	138	8.974	8.969	0.005	67	1024556	21.0	
124 Fluorene	166	8.974	8.969	0.005	82	4078515	20.7	
126 4,6-Dinitro-2-methylphenol	198	8.995	8.990	0.005	79	771658	20.6	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	3139006	21.4	
129 1,2-Diphenylhydrazine	77	9.092	9.092	0.0	0	4392481	21.3	
131 Azobenzene	77	9.092	9.092	0.0	98	4392962	21.3	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	62	1120053	20.7	
139 Hexachlorobenzene	284	9.439	9.434	0.005	90	1115873	20.0	
140 Atrazine	200	9.487	9.482	0.005	91	787545	19.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	85	1569637	40.1	
146 Phenanthrene	178	9.792	9.787	0.005	96	5971362	20.6	
147 Anthracene	178	9.835	9.830	0.005	96	6267637	21.8	
149 Carbazole	167	9.958	9.953	0.005	81	6046967	21.6	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	7068549	22.5	
157 Fluoranthene	202	10.798	10.792	0.006	96	7078899	22.1	
158 Benzidine	184	10.894	10.894	0.0	99	4126710	20.5	
160 Pyrene	202	11.006	11.001	0.005	97	7417941	21.7	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	96	3041849	20.5	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	92	1703500	20.8	
173 3,3'-Dichlorobenzidine	252	12.242	12.237	0.005	61	2485326	20.4	
172 4,4'-Methylene bis(2-chloroanili	231	12.242	12.237	0.005	70	1150023	20.1	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	95	4342850	20.7	
175 Benzo[a]anthracene	228	12.295	12.290	0.005	96	6432402	21.5	
176 Chrysene	228	12.344	12.338	0.006	95	5976490	21.0	
178 Di-n-octyl phthalate	149	13.173	13.167	0.006	99	7366681	20.5	
180 Benzo[b]fluoranthene	252	13.793	13.788	0.005	91	6761810	23.0	
181 Benzo[k]fluoranthene	252	13.836	13.825	0.011	89	6927834	21.7	
182 Benzo[a]pyrene	252	14.291	14.280	0.010	76	6389303	20.1	
186 Indeno[1,2,3-cd]pyrene	276	16.023	16.007	0.016	94	6972181	20.1	
187 Dibenz(a,h)anthracene	278	16.050	16.040	0.010	77	5905981	20.2	
188 Benzo[g,h,i]perylene	276	16.462	16.446	0.016	90	5973870	22.6	
S 189 Methyl Phenols,Total	100				0		21.7	

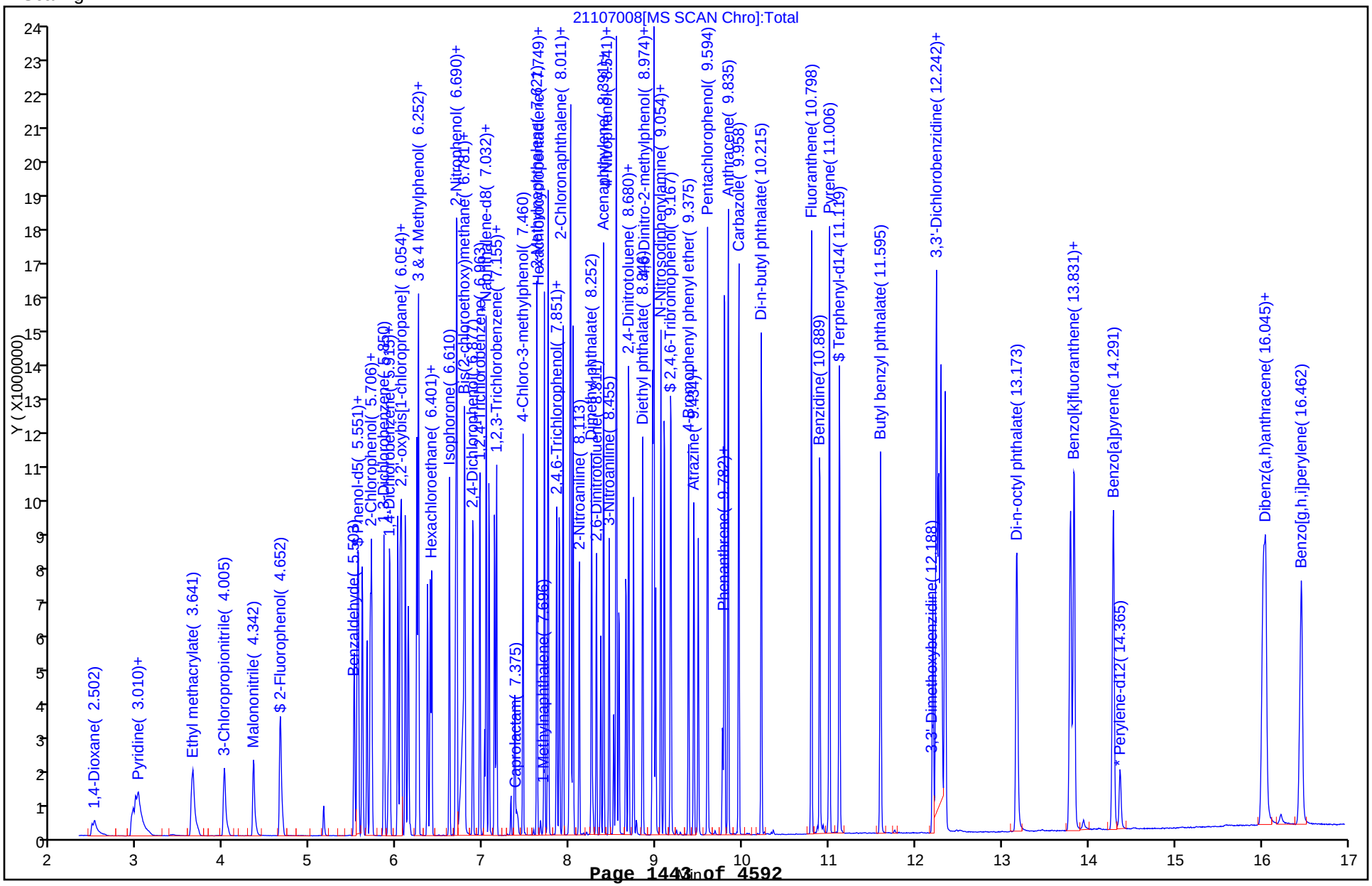
Report Date: 08-Nov-2012 13:38:14 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107008.D

Injection Date:	07-Nov-2012 14:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107009.D		
Lims ID:	std7 tcl	Client ID:	
Inject. Date:	07-Nov-2012 14:28:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	240-0014744-009		
Misc. Info.:	std7 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	64102	Lims Sample ID:	9
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:15	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:53:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	96	236816	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	904520	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	92	511064	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	97	886480	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	94	905642	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	96	738323	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	92	1084134	14.8	
$ 8 Phenol-d5	99	5.540	5.540	0.0	89	1401532	15.1	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	88	1231341	15.5	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	100	2490882	15.0	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	89	329077	15.6	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	99	2500174	14.9	
24 1,4-Dioxane	88	2.507	2.502	0.005	90	357431	13.0	
25 N-Nitrosodimethylamine	74	2.951	2.946	0.005	89	710533	14.8	
26 Pyridine	79	3.010	3.005	0.005	95	1240295	15.7	
27 Ethyl methacrylate	69	3.641	3.641	0.0	92	959932	14.7	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	90	675455	15.5	
32 Malononitrile	66	4.342	4.342	0.0	97	1310337	15.9	
40 Benzaldehyde	77	5.508	5.508	0.0	93	807962	13.1	
41 Phenol	94	5.551	5.551	0.0	99	1483091	15.0	
43 Aniline	93	5.599	5.599	0.0	98	1852000	14.9	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	95	1122950	14.7	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	1178499	14.7	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	1256355	14.6	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	92	1250498	14.6	
49 Benzyl alcohol	108	6.011	6.011	0.0	91	752132	15.2	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	95	1182427	14.5	
51 2-Methylphenol	108	6.096	6.096	0.0	96	1067935	14.8	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	92	1630140	14.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.230	6.230	0.0	97	1134834	15.0	
56 N-Nitrosodi-n-propylamine	70	6.246	6.246	0.0	87	805470	15.0	
57 Acetophenone	105	6.251	6.251	0.0	91	1561539	14.6	
60 Hexachloroethane	117	6.353	6.353	0.0	94	505961	14.5	
61 Nitrobenzene	77	6.401	6.401	0.0	83	1234618	15.0	
63 Isophorone	82	6.604	6.605	0.0	97	2187568	15.2	
65 2-Nitrophenol	139	6.679	6.679	0.0	95	611408	15.8	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	95	1035680	14.4	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	93	1141006	15.0	
69 Benzoic acid	122	6.770	6.760	0.010	84	1543106	29.7	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	93	1353489	14.8	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	96	911378	15.2	
72 1,2,4-Trichlorobenzene	180	6.957	6.958	-0.001	92	1050932	14.7	
73 Naphthalene	128	7.032	7.032	0.0	97	3380709	15.0	
74 4-Chloroaniline	127	7.064	7.064	0.0	85	1448322	15.0	
77 Hexachlorobutadiene	225	7.129	7.129	-0.001	93	559120	14.4	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	87	972715	0	
83 Caprolactam	113	7.353	7.348	0.005	76	347893	16.1	
84 4-Chloro-3-methylphenol	107	7.460	7.455	0.005	91	979022	15.2	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	87	2122405	14.7	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	84	2079707	15.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	93	1019623	14.7	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	93	627279	15.1	
90 2,4,6-Trichlorophenol	196	7.851	7.845	0.006	92	677861	15.7	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	95	736914	15.9	
94 2,4-Toluene diamine	121	7.995	7.990	0.005	98	626231	13.6	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	84	977499	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	94	2640427	14.6	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	96	2081186	14.7	
100 2-Nitroaniline	65	8.107	8.107	0.0	83	666331	16.1	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	2265250	15.1	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	88	504465	14.5	
106 1,2-Dinitrobenzene	168	8.359	8.354	0.005	90	274957	16.5	
107 Acenaphthylene	152	8.391	8.391	0.0	96	3557410	15.3	
108 3-Nitroaniline	138	8.455	8.450	0.005	95	615665	16.4	
110 Acenaphthene	153	8.535	8.535	0.0	93	2035418	14.5	
109 2,4-Dinitrophenol	184	8.541	8.535	0.006	76	743918	30.2	
111 4-Nitrophenol	109	8.567	8.562	0.005	91	349036	16.1	
112 2,4-Dinitrotoluene	165	8.648	8.648	0.0	90	689685	14.6	
114 Dibenzofuran	168	8.680	8.680	0.0	85	3073293	14.8	
115 2,3,5,6-Tetrachlorophenol	232	8.738	8.733	0.005	88	614787	16.1	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	2343096	14.9	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	90	1162318	14.7	
123 4-Nitroaniline	138	8.968	8.969	-0.001	62	601597	14.5	
124 Fluorene	166	8.968	8.969	-0.001	82	2470279	14.8	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	83	443519	14.6	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	1828202	15.0	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	2591614	15.0	
131 Azobenzene	77	9.091	9.092	-0.001	98	2591614	15.0	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	62	674593	14.9	
139 Hexachlorobenzene	284	9.434	9.434	0.0	87	662379	14.2	
140 Atrazine	200	9.487	9.482	0.005	91	498220	15.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	86	955144	29.7	
146 Phenanthrene	178	9.787	9.787	0.0	97	3476136	14.4	
147 Anthracene	178	9.830	9.830	0.0	97	3680078	15.3	
149 Carbazole	167	9.953	9.953	0.0	81	3568538	15.3	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	4070394	15.5	
157 Fluoranthene	202	10.798	10.792	0.006	96	4122306	15.4	
158 Benzidine	184	10.889	10.894	-0.005	99	2388297	14.7	
160 Pyrene	202	11.001	11.001	0.0	96	4348537	15.0	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	98	1768738	14.5	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	91	973101	14.8	
173 3,3'-Dichlorobenzidine	252	12.242	12.237	0.005	60	1489461	14.6	
172 4,4'-Methylene bis(2-chloroanili	231	12.242	12.237	0.005	68	692599	14.7	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	96	2497259	14.5	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	94	3764867	14.9	
176 Chrysene	228	12.338	12.338	0.0	95	3527188	14.6	
178 Di-n-octyl phthalate	149	13.172	13.167	0.005	99	4101786	14.7	
180 Benzo[b]fluoranthene	252	13.788	13.788	0.0	92	3799785	16.1	
181 Benzo[k]fluoranthene	252	13.830	13.825	0.005	99	4057783	15.9	
182 Benzo[a]pyrene	252	14.285	14.280	0.005	73	3697959	14.8	
186 Indeno[1,2,3-cd]pyrene	276	16.018	16.007	0.011	94	4034138	14.8	
187 Dibenz(a,h)anthracene	278	16.045	16.040	0.005	79	3427896	14.8	
188 Benzo[g,h,i]perylene	276	16.457	16.446	0.011	94	3417401	16.2	
S 189 Methyl Phenols,Total	100				0		14.8	

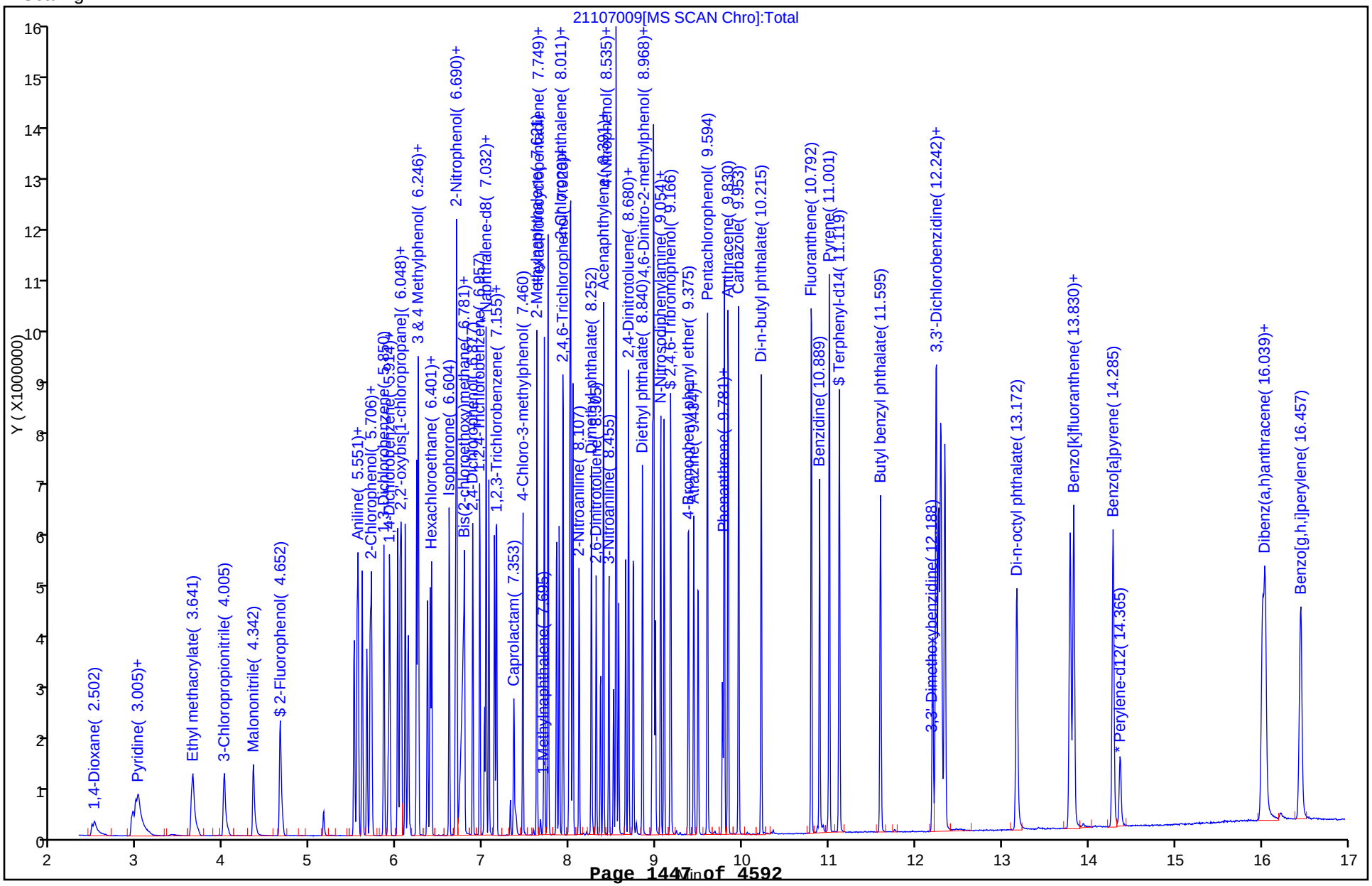
Report Date: 08-Nov-2012 13:38:15 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107009.D

Injection Date:	07-Nov-2012 14:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Lims ID:	std6 tcl	Client ID:	
Inject. Date:	07-Nov-2012 14:51:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	6
Sample ID:	240-0014744-010		
Misc. Info.:	std6 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	64102	Lims Sample ID:	10
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:16	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 15:23:31

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	96	226874	4.00	
* 2 Naphthalene-d8	136	7.016	7.016	0.0	99	879477	4.00	
* 3 Acenaphthene-d10	164	8.509	8.509	0.0	93	492418	4.00	
* 4 Phenanthrene-d10	188	9.766	9.766	0.0	98	835794	4.00	
* 5 Chrysene-d12	240	12.301	12.301	0.0	77	860001	4.00	
* 6 Perylene-d12	264	14.365	14.365	0.0	96	705582	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	93	703304	10.0	
$ 8 Phenol-d5	99	5.540	5.540	0.0	83	897045	10.1	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	86	788287	10.2	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	100	1612497	10.1	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	92	211519	10.4	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	98	1624778	10.2	
24 1,4-Dioxane	88	2.502	2.502	0.0	96	289158	11.0	M
25 N-Nitrosodimethylamine	74	2.946	2.946	0.0	91	423432	9.36	
26 Pyridine	79	3.005	3.005	0.0	96	794755	10.5	
27 Ethyl methacrylate	69	3.641	3.641	0.0	91	626893	10.0	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	87	453140	10.8	
32 Malononitrile	66	4.342	4.342	0.0	98	857909	10.9	
40 Benzaldehyde	77	5.508	5.508	0.0	90	555643	9.39	
41 Phenol	94	5.551	5.551	0.0	99	962001	10.1	
43 Aniline	93	5.599	5.599	0.0	97	1186890	10.0	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	95	738530	10.1	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	769809	10.0	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	97	833741	10.1	
48 1,4-Dichlorobenzene	146	5.915	5.915	0.0	92	816468	9.94	
49 Benzyl alcohol	108	6.011	6.011	0.0	92	485275	10.3	
50 1,2-Dichlorobenzene	146	6.054	6.054	0.0	95	777307	9.93	
51 2-Methylphenol	108	6.096	6.096	0.0	95	707992	10.2	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	92	1057806	9.83	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.230	6.230	0.0	97	738384	10.2	
56 N-Nitrosodi-n-propylamine	70	6.246	6.246	0.0	84	524618	10.2	
57 Acetophenone	105	6.251	6.251	0.0	91	1013196	9.88	
60 Hexachloroethane	117	6.353	6.353	0.0	94	329140	9.86	
61 Nitrobenzene	77	6.401	6.401	0.0	83	818068	10.2	
63 Isophorone	82	6.605	6.605	0.0	97	1423776	10.1	
65 2-Nitrophenol	139	6.679	6.679	0.0	93	405972	10.8	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	91	695736	9.98	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	92	748351	10.1	
69 Benzoic acid	122	6.760	6.760	0.0	85	941901	19.3	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	99	884059	9.92	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	96	596606	10.2	
72 1,2,4-Trichlorobenzene	180	6.958	6.958	0.0	93	688485	9.88	
73 Naphthalene	128	7.032	7.032	0.0	97	2202898	10.0	
74 4-Chloroaniline	127	7.064	7.064	0.0	85	951670	10.2	
77 Hexachlorobutadiene	225	7.129	7.129	0.0	93	378760	10.0	
78 1,2,3-Trichlorobenzene	180	7.150	7.150	0.0	92	649132	0	
83 Caprolactam	113	7.348	7.348	0.0	76	203996	9.14	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	96	636751	10.1	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	90	1410272	10.0	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	90	1345567	10.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	92	661897	9.89	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	87	408777	10.2	
90 2,4,6-Trichlorophenol	196	7.845	7.845	0.0	94	438732	10.6	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	95	472532	10.6	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	98	448465	10.0	
96 1,2,3,4 -Tetrachlorobenzene	216	8.001	8.001	0.0	95	650547	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	94	1719982	9.89	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	96	1374271	10.1	
100 2-Nitroaniline	65	8.107	8.107	0.0	82	429808	10.8	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	1475655	10.2	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	94	334247	10.1	
106 1,2-Dinitrobenzene	168	8.354	8.354	0.0	88	169862	10.6	
107 Acenaphthylene	152	8.391	8.391	0.0	95	2313540	10.3	
108 3-Nitroaniline	138	8.450	8.450	0.0	94	394571	10.9	
110 Acenaphthene	153	8.535	8.535	0.0	90	1361892	10.1	
109 2,4-Dinitrophenol	184	8.535	8.535	0.0	70	434552	19.1	
111 4-Nitrophenol	109	8.562	8.562	0.0	91	226043	10.8	
112 2,4-Dinitrotoluene	165	8.648	8.648	0.0	90	444005	9.92	
114 Dibenzofuran	168	8.680	8.680	0.0	88	1991799	9.94	
115 2,3,5,6-Tetrachlorophenol	232	8.733	8.733	0.0	88	396818	10.8	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	1513449	10.0	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	91	782567	10.3	
123 4-Nitroaniline	138	8.969	8.969	0.0	82	389910	9.83	
124 Fluorene	166	8.969	8.969	0.0	83	1639050	10.2	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	83	278233	10.1	
130 N-Nitrosodiphenylamine	169	9.049	9.049	0.0	0	1196917	10.4	
129 1,2-Diphenylhydrazine	77	9.092	9.092	0.0	0	1667611	10.3	
131 Azobenzene	77	9.092	9.092	0.0	99	1667682	10.3	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	61	439508	10.3	
139 Hexachlorobenzene	284	9.434	9.434	0.0	86	438431	9.99	
140 Atrazine	200	9.482	9.482	0.0	90	341754	10.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	87	598614	20.1	
146 Phenanthrene	178	9.787	9.787	0.0	97	2260189	9.90	
147 Anthracene	178	9.830	9.830	0.0	97	2353100	10.4	
149 Carbazole	167	9.953	9.953	0.0	82	2277045	10.3	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	2651212	10.7	
157 Fluoranthene	202	10.792	10.792	0.0	97	2660336	10.5	
158 Benzidine	184	10.889	10.889	0.0	99	1469820	9.93	
160 Pyrene	202	11.001	11.001	0.0	96	2816771	10.3	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	97	1133141	10.0	
170 3,3'-Dimethoxybenzidine	244	12.194	12.194	0.0	89	579861	9.78	
173 3,3'-Dichlorobenzidine	252	12.237	12.237	0.0	62	969006	10.1	
172 4,4'-Methylene bis(2-chloroanili	231	12.237	12.237	0.0	70	443048	10.1	
171 Bis(2-ethylhexyl) phthalate	149	12.263	12.263	0.0	96	1589061	9.91	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	95	2409756	10.0	
176 Chrysene	228	12.338	12.338	0.0	93	2308021	10.1	
178 Di-n-octyl phthalate	149	13.167	13.167	0.0	99	2499506	9.75	
180 Benzo[b]fluoranthene	252	13.788	13.788	0.0	88	2379256	10.6	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	99	2696900	11.0	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	77	2370709	10.1	
186 Indeno[1,2,3-cd]pyrene	276	16.007	16.007	0.0	94	2551684	9.97	
187 Dibenz(a,h)anthracene	278	16.040	16.040	0.0	70	2196359	10.1	
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	93	2207668	10.9	
S 189 Methyl Phenols,Total	100				0		10.2	

QC Flag Legend

Review Flags
M - Manually Integrated

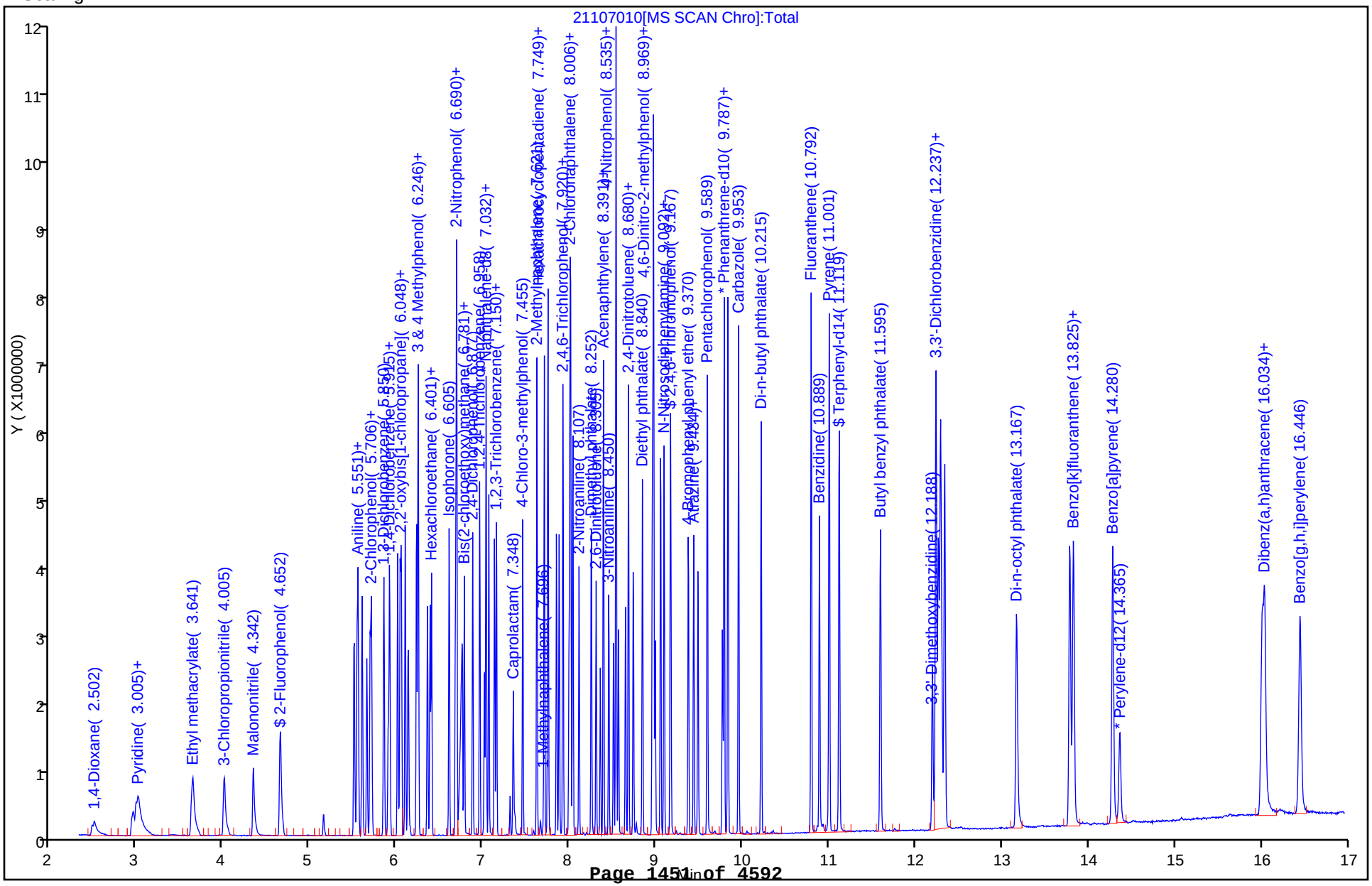
Report Date: 08-Nov-2012 13:38:17 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D

Injection Date:	07-Nov-2012 14:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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

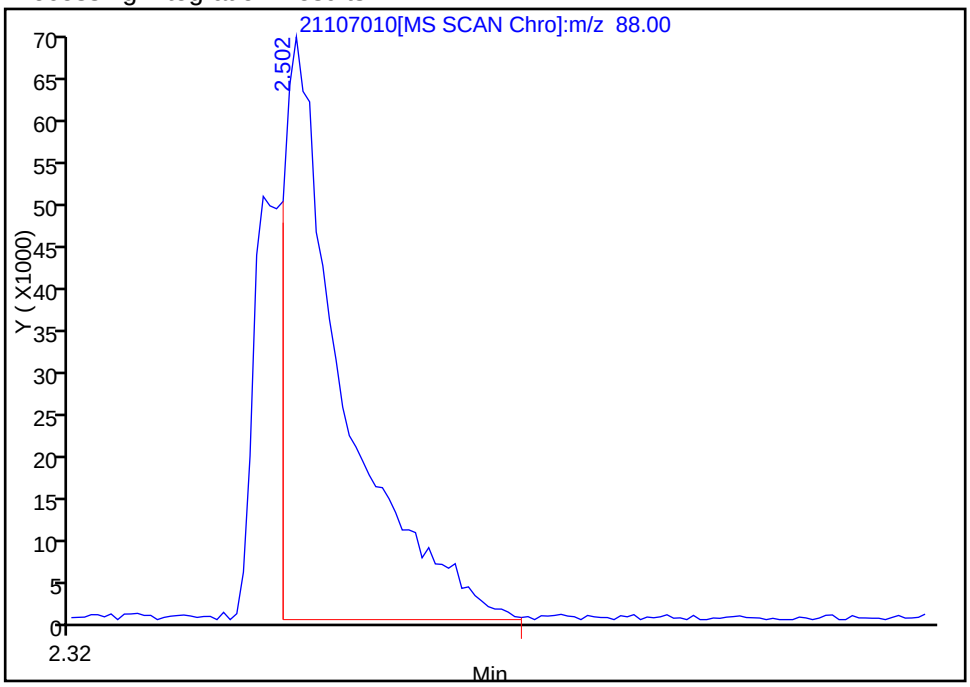
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Injection Date:	07-Nov-2012 14:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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: 2.50

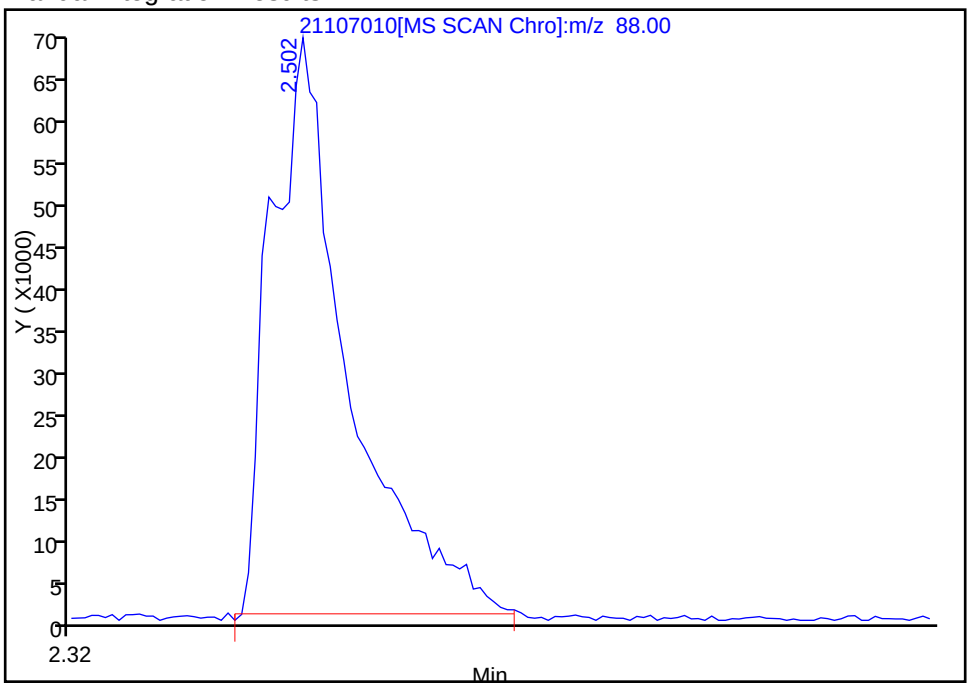
Processing Integration Results

RT: 2.50
Response: 230149
Amount: 8.993336



Manual Integration Results

RT: 2.50
Response: 289158
Amount: 10.982627



Reviewer: gruberj, 07-Nov-2012 15:23:31
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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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

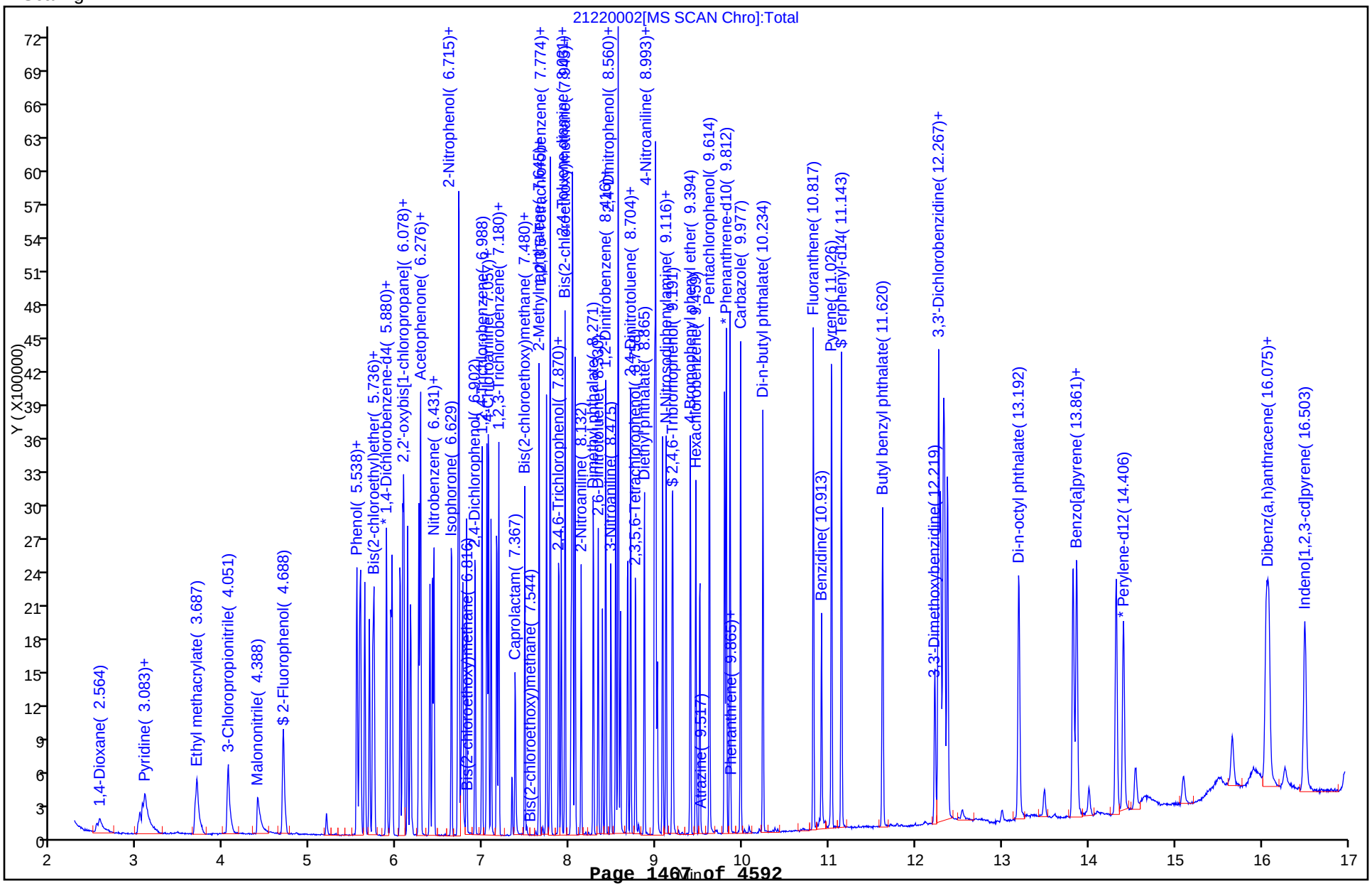
Report Date: 21-Dec-2012 09:00:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

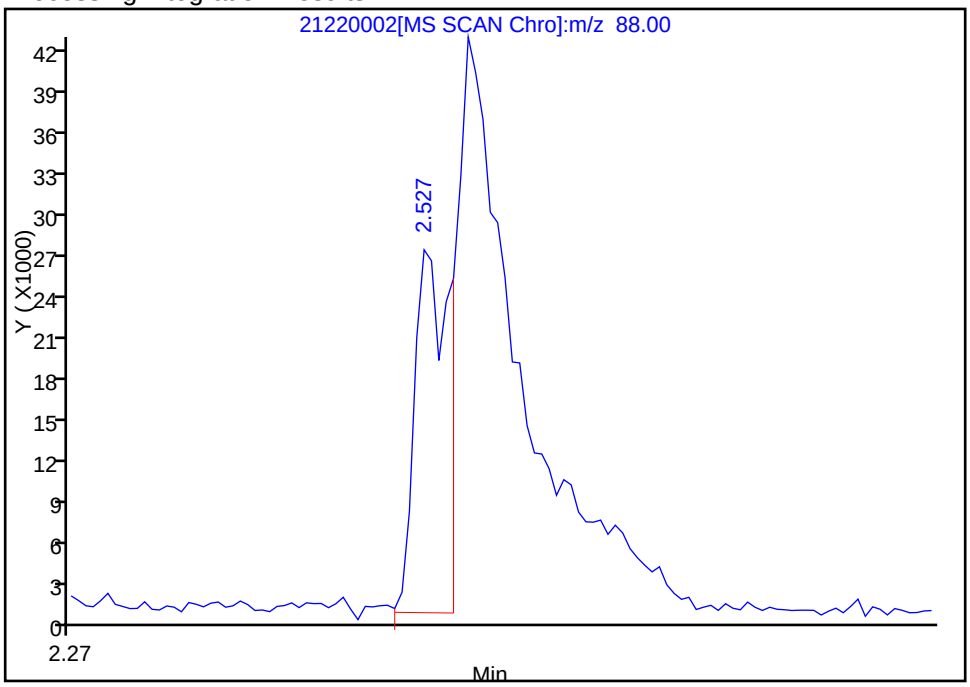
TestAmerica Canton

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

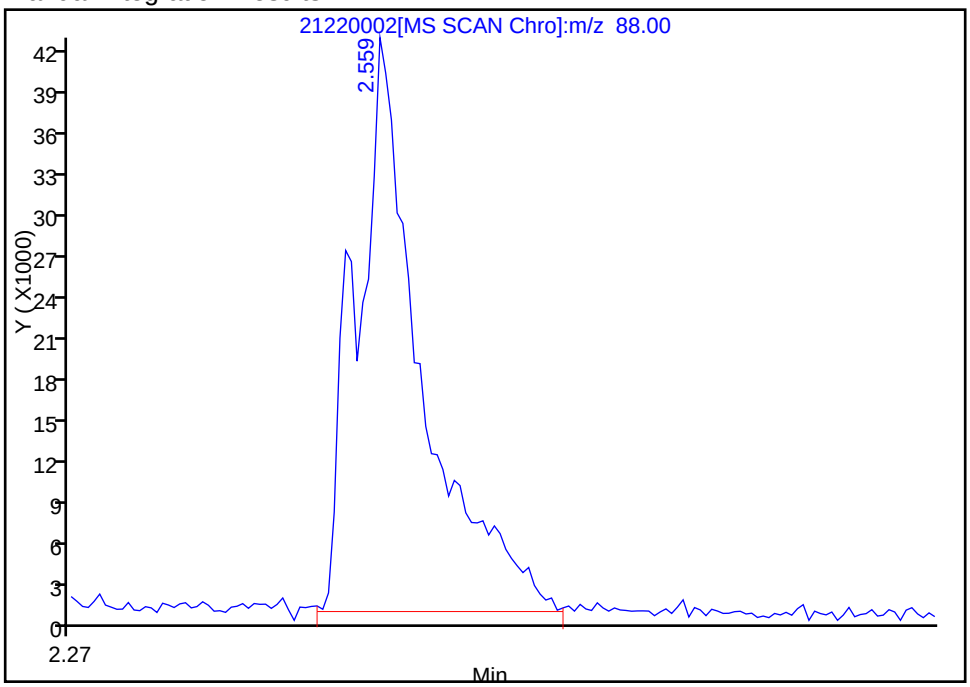
Processing Integration Results

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

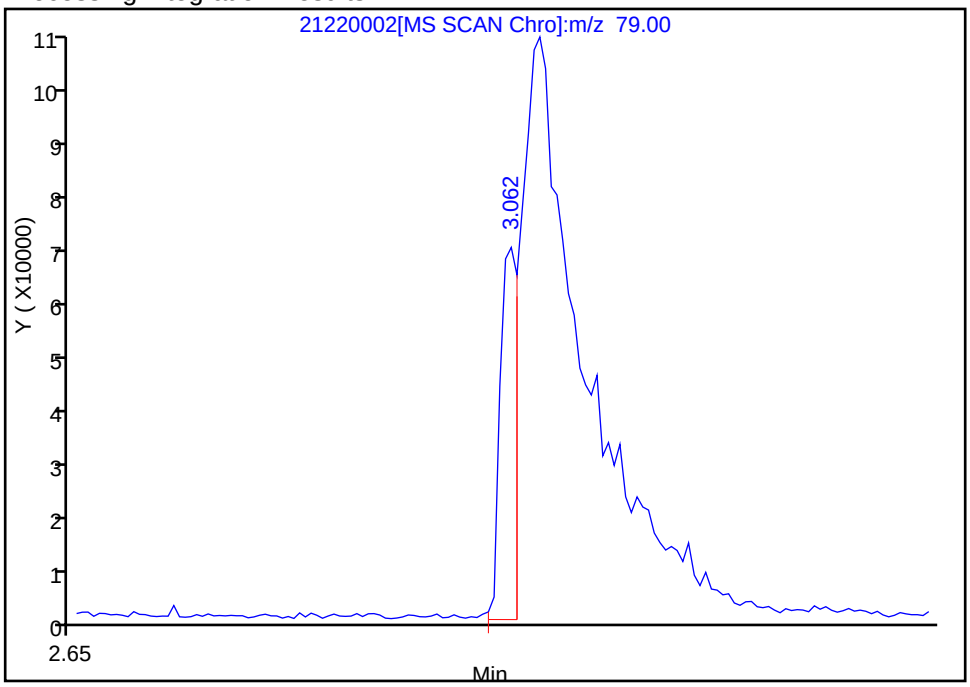
TestAmerica Canton

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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

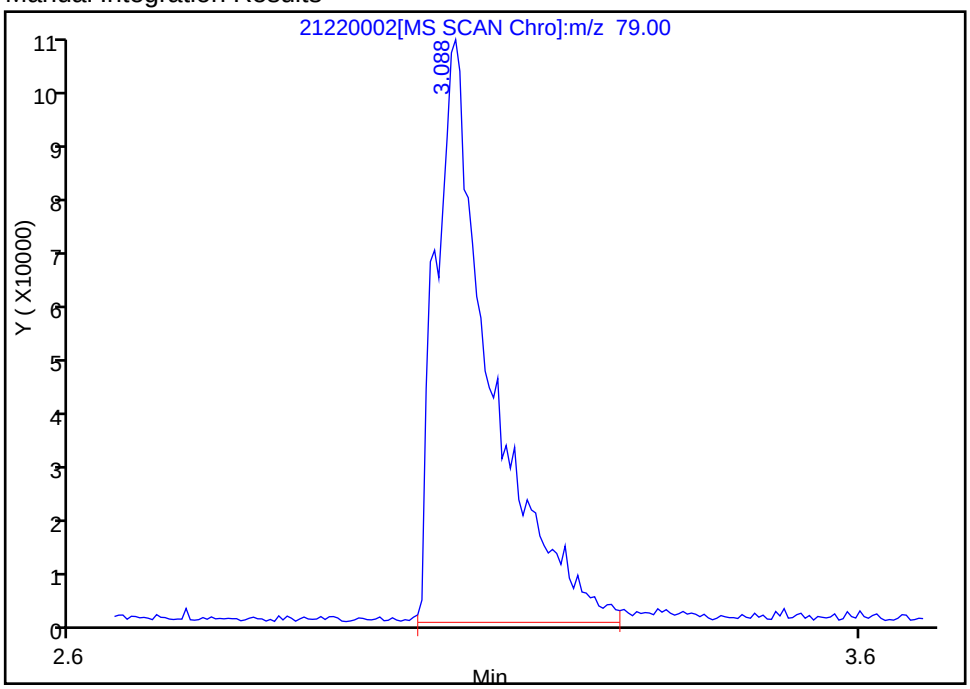
Processing Integration Results

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

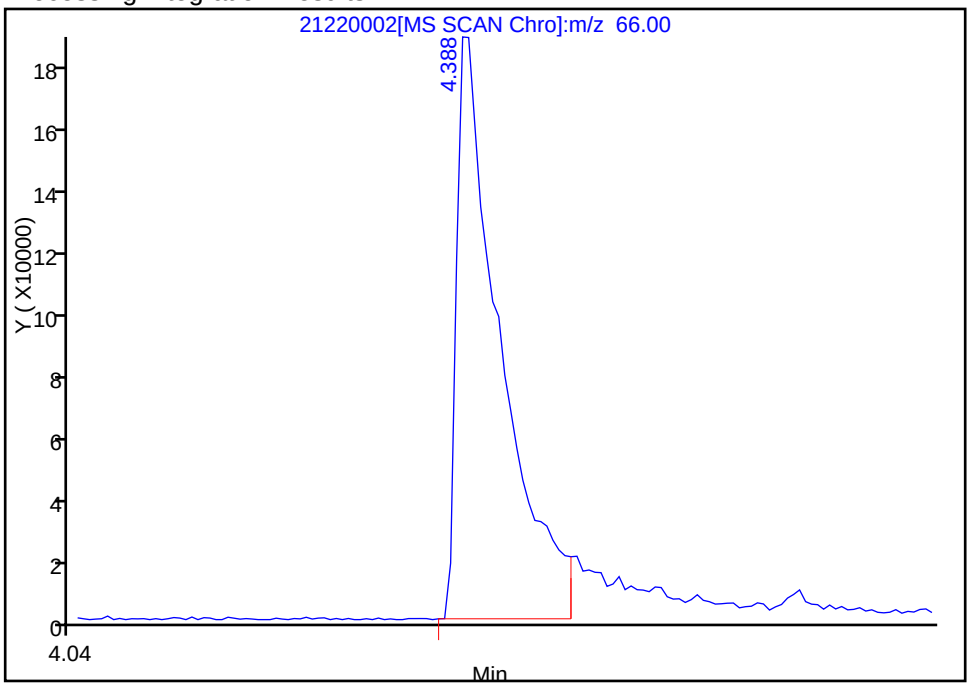
TestAmerica Canton

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

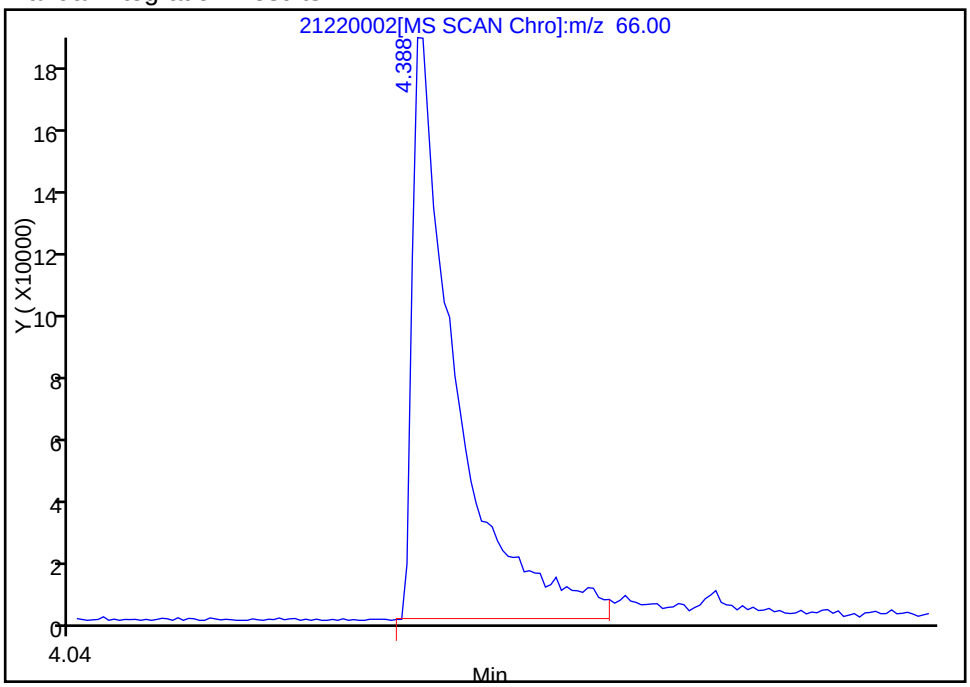
Processing Integration Results

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

Manual Integration/User Assign Peak Report

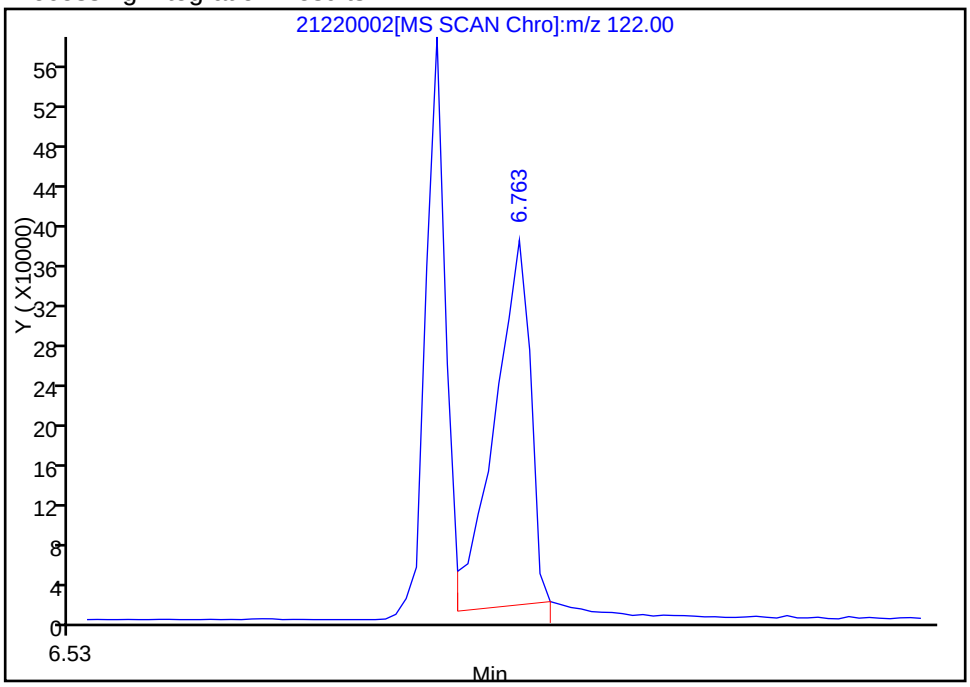
TestAmerica Canton

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

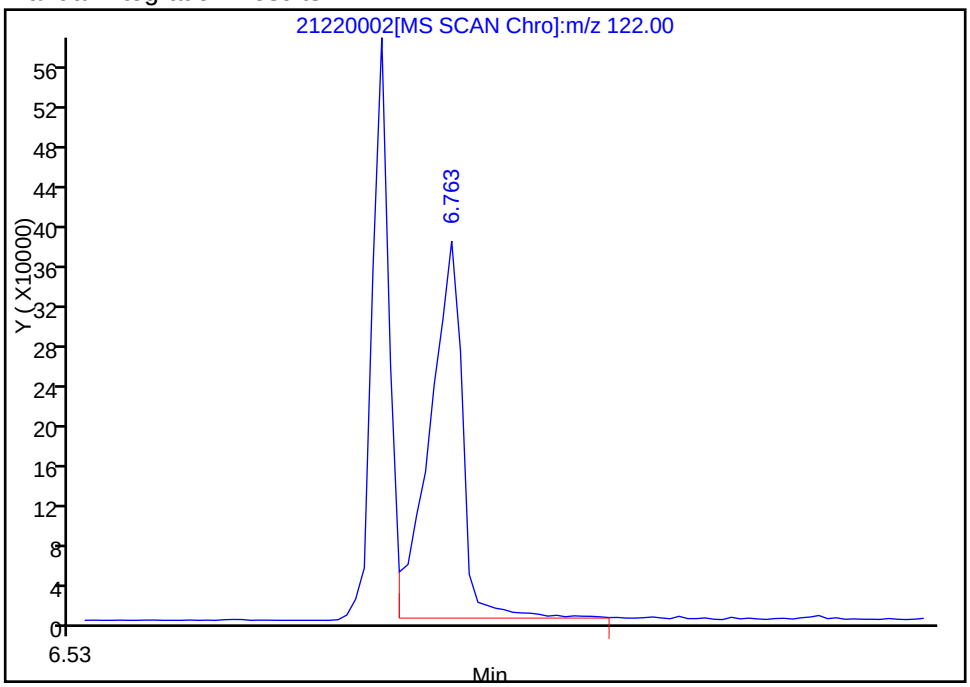
Processing Integration Results

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

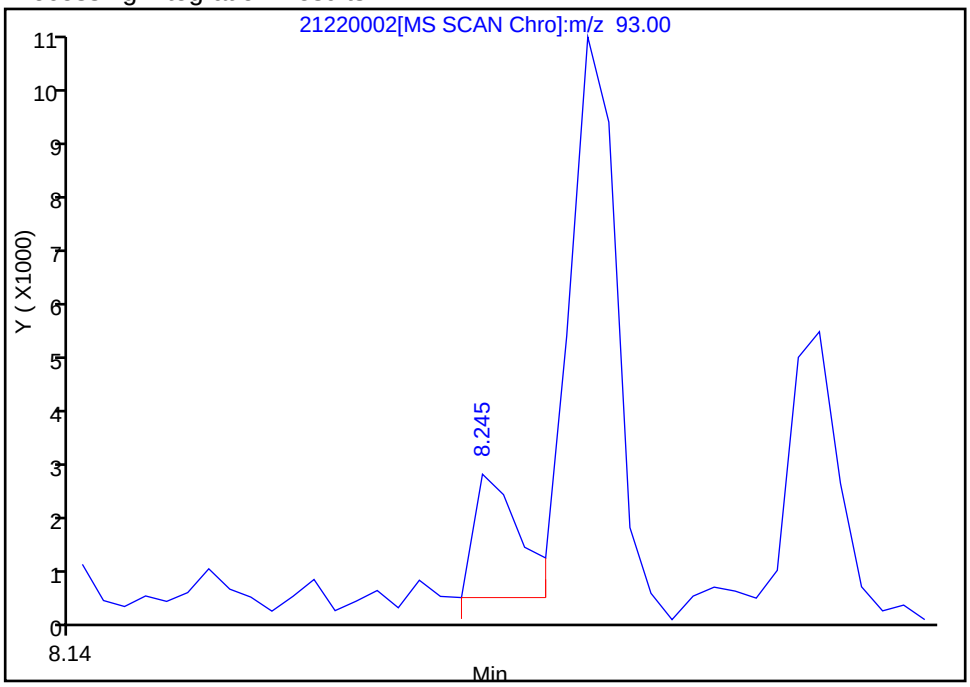
TestAmerica Canton

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

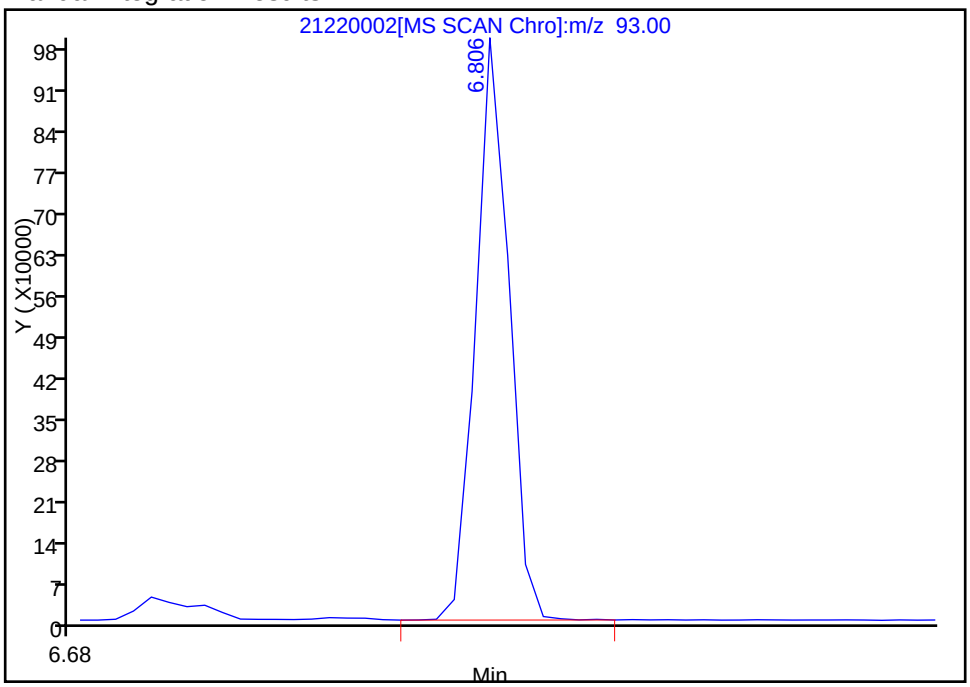
Processing Integration Results

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

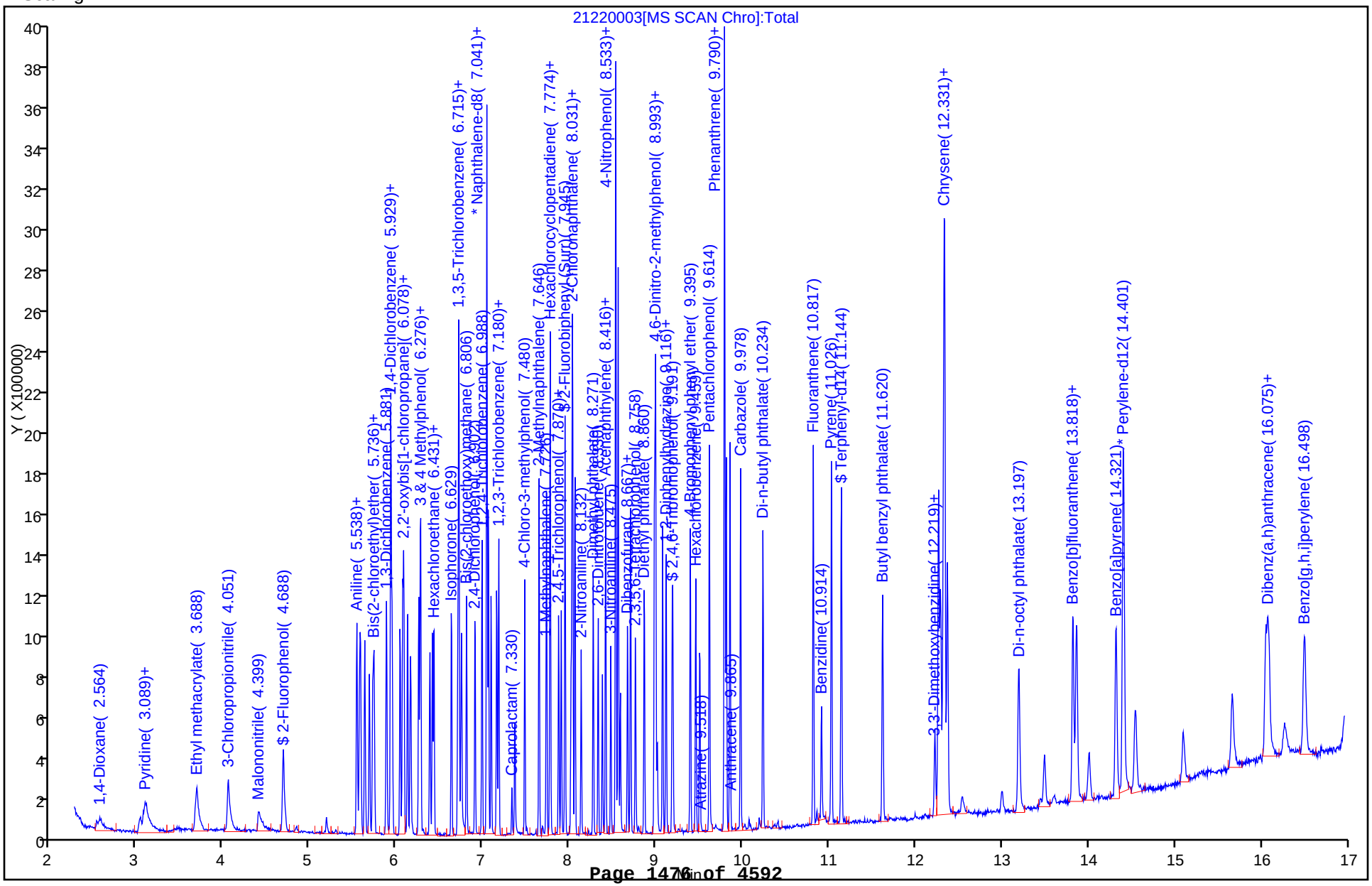
Report Date: 21-Dec-2012 09:00:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

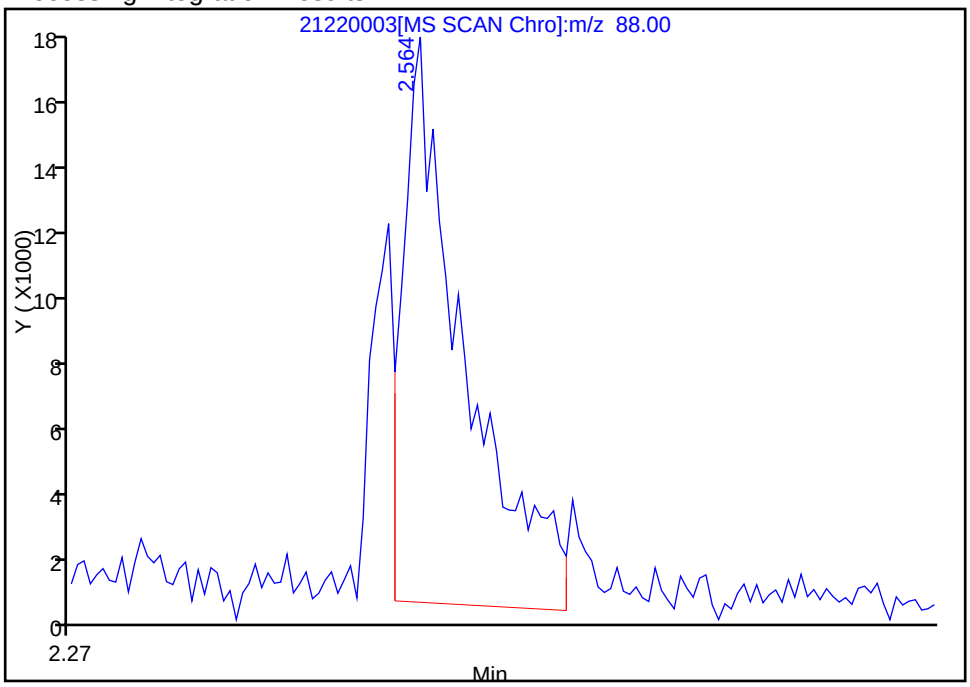
TestAmerica Canton

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

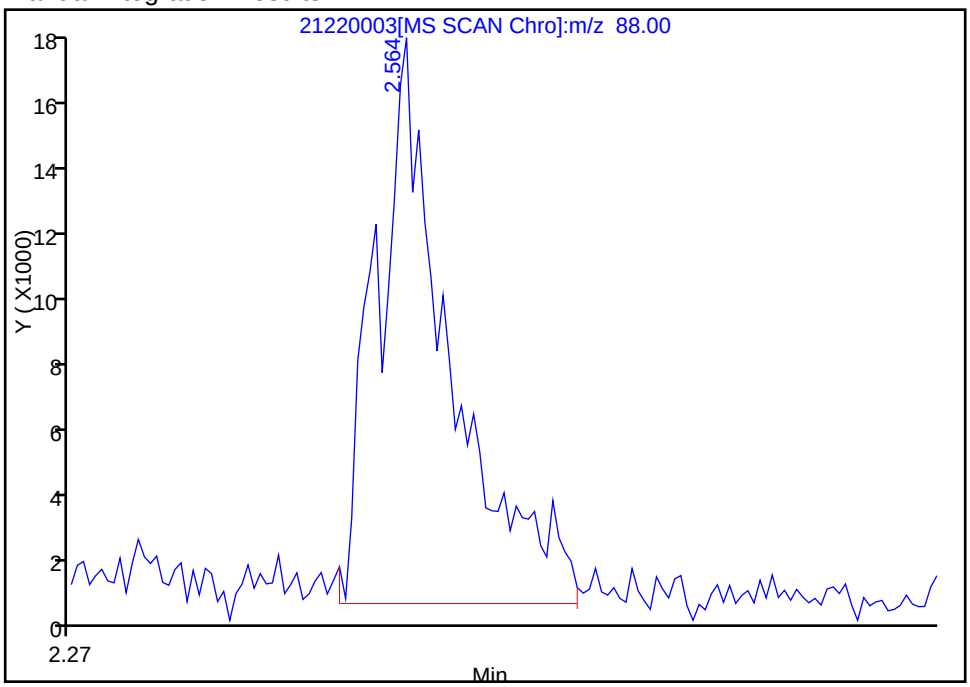
Processing Integration Results

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

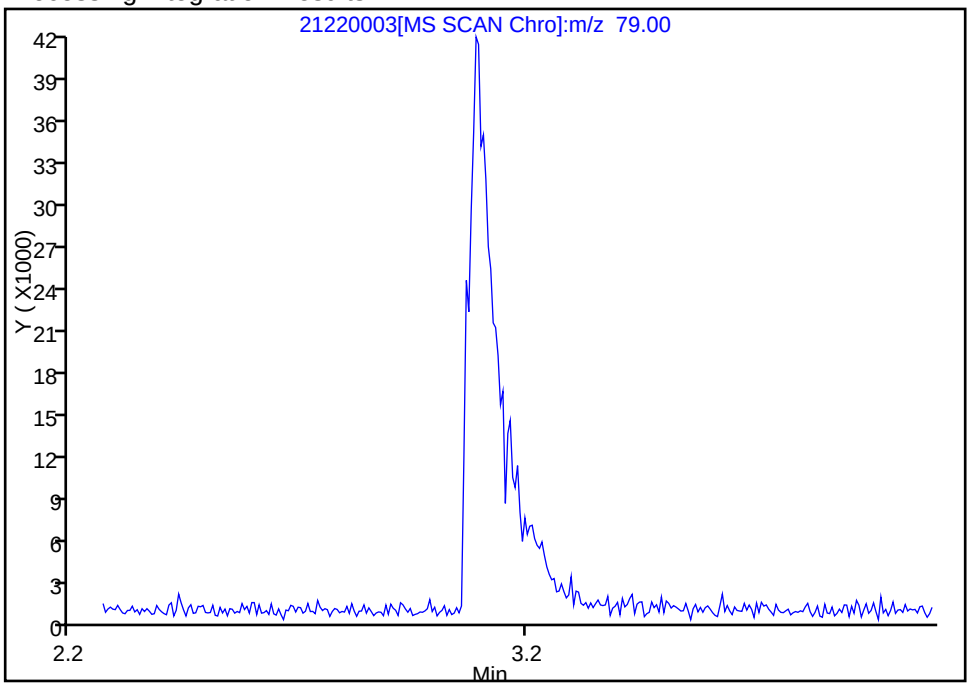
TestAmerica Canton

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

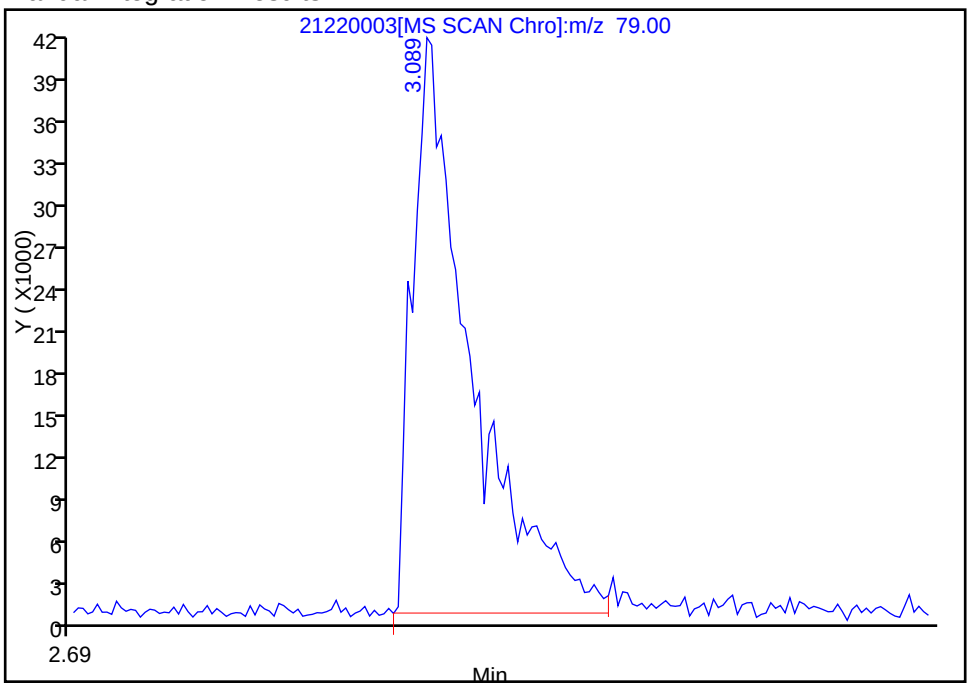
Processing Integration Results

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

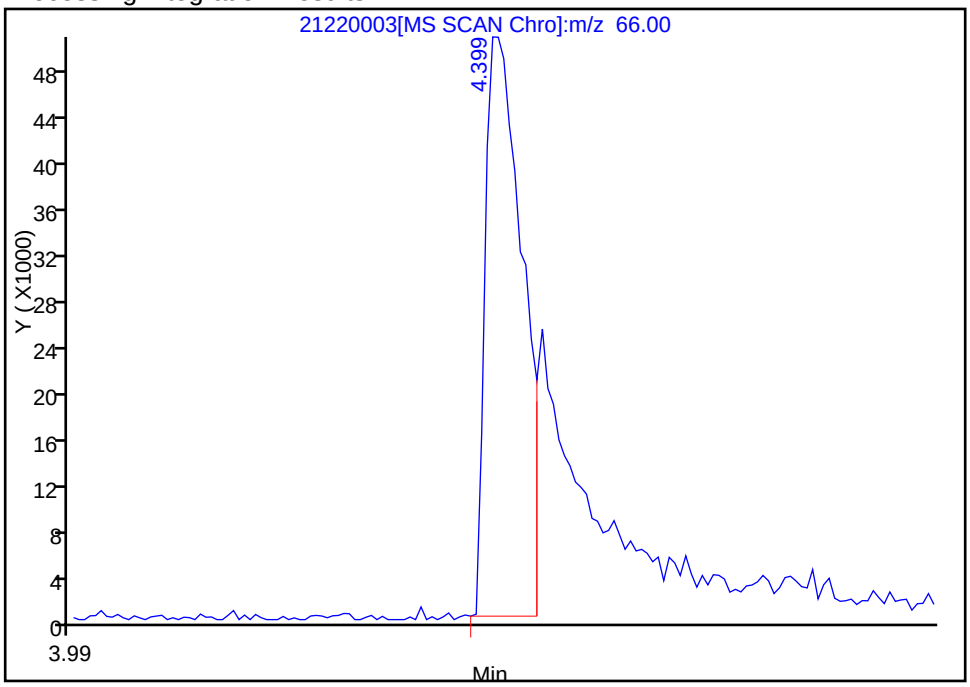
TestAmerica Canton

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

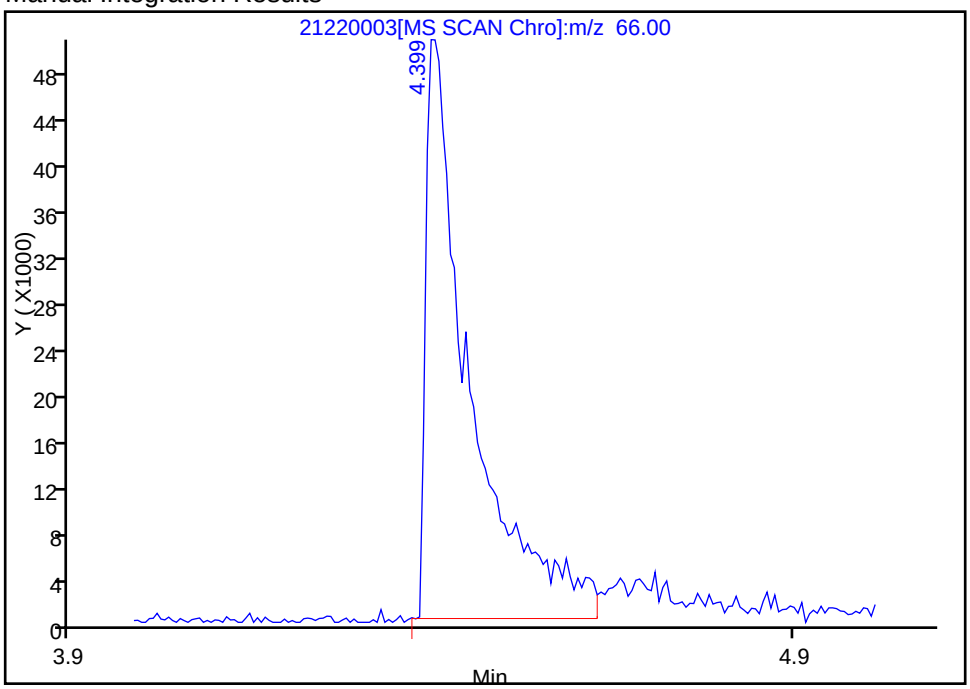
Processing Integration Results

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

Manual Integration/User Assign Peak Report

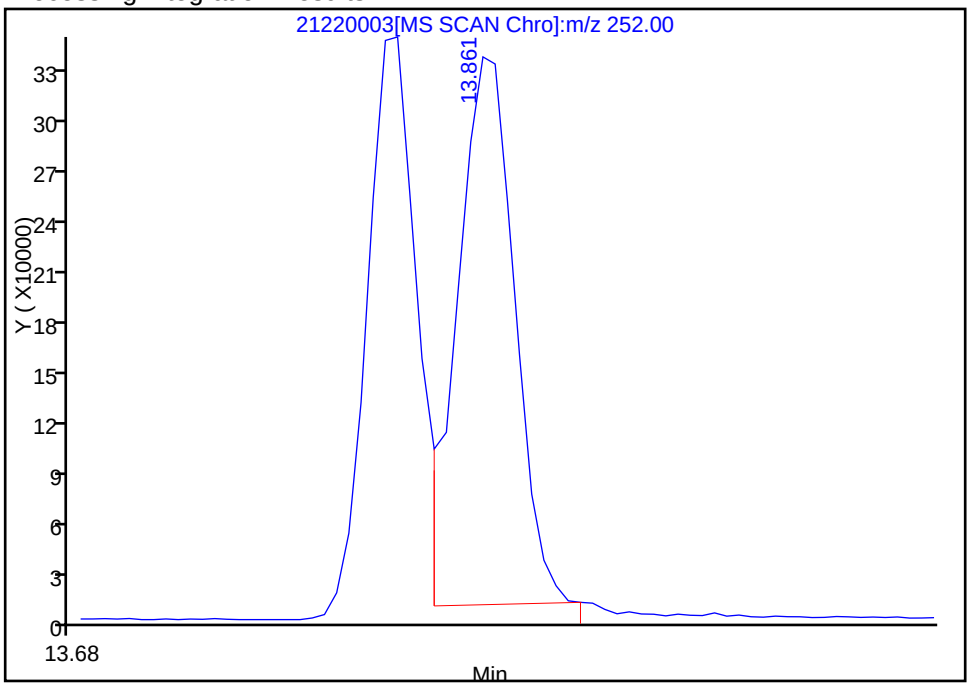
TestAmerica Canton

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

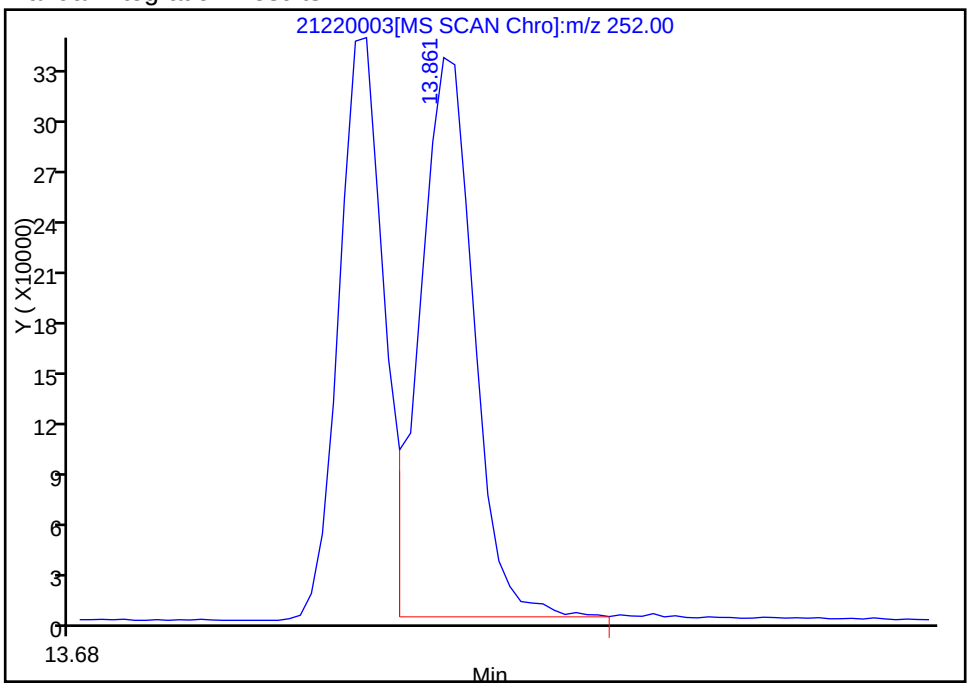
Processing Integration Results

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

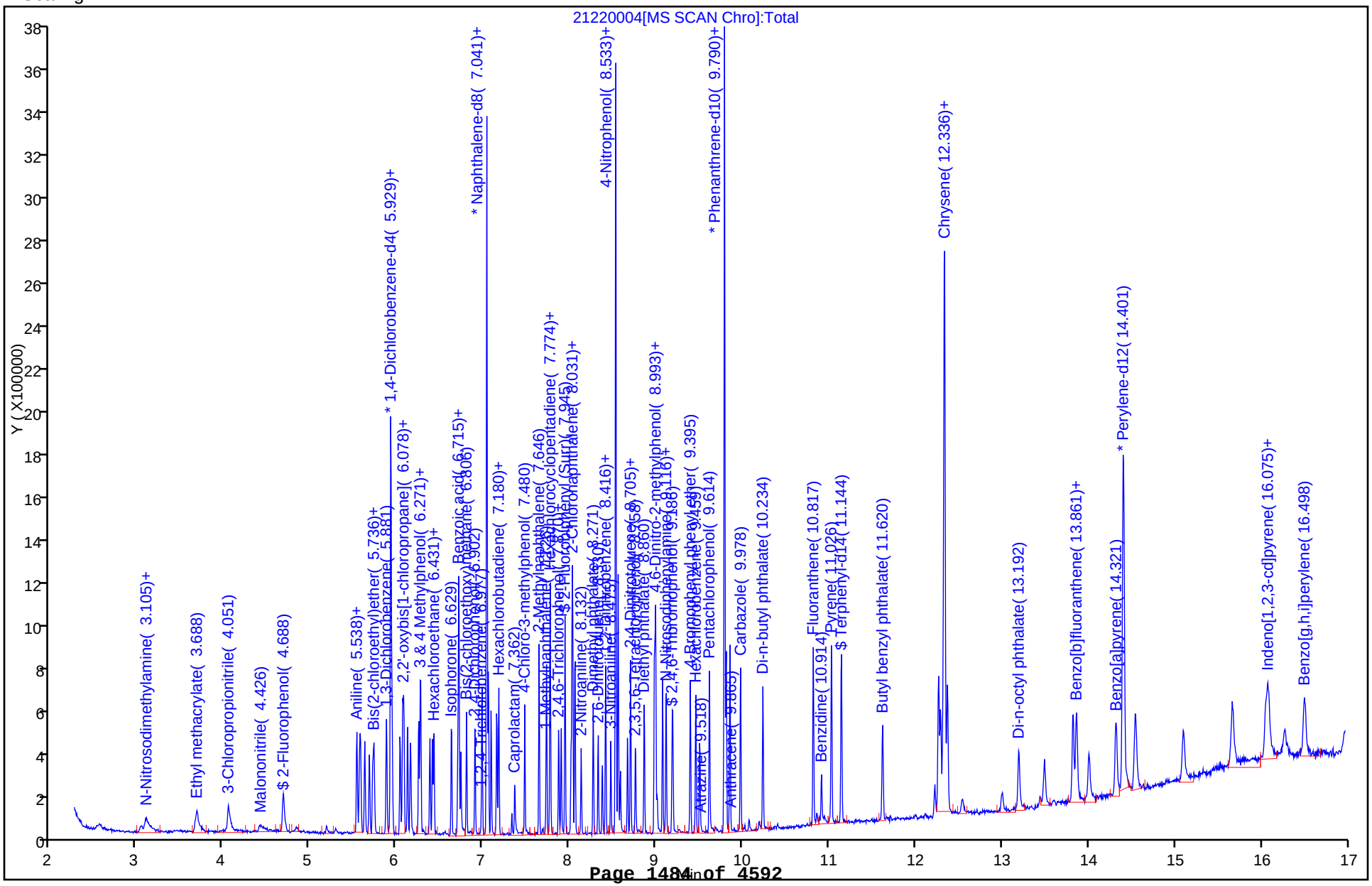
Report Date: 21-Dec-2012 09:00:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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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

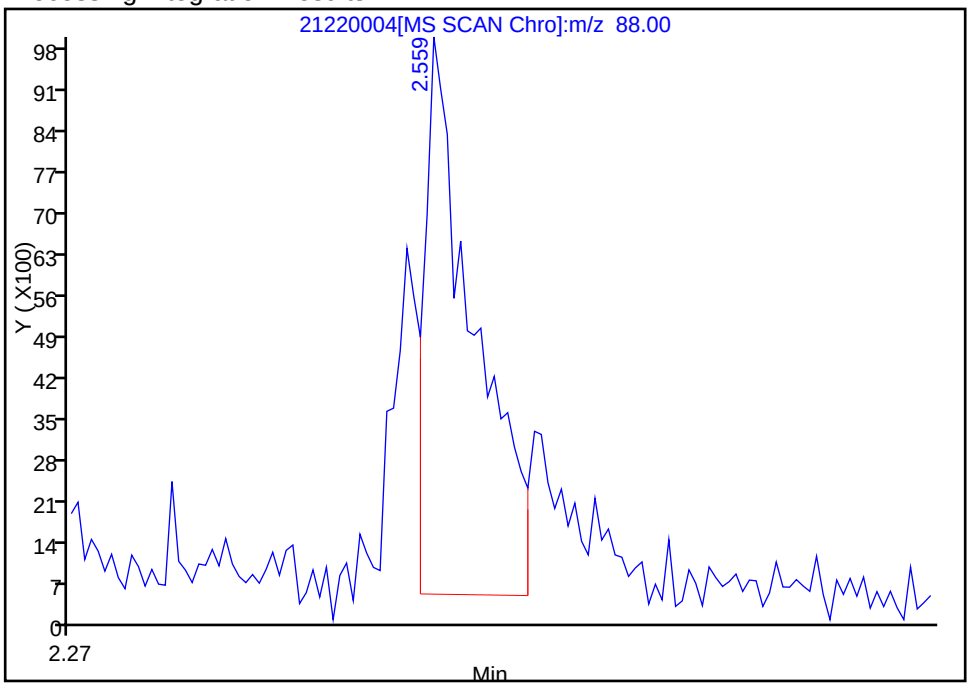
TestAmerica Canton

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

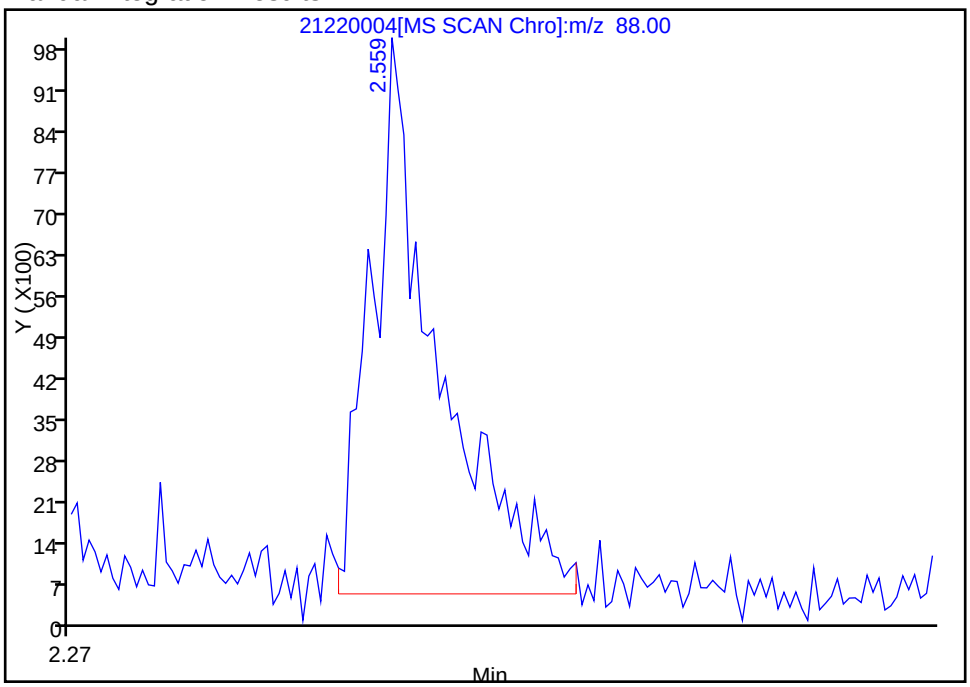
Processing Integration Results

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

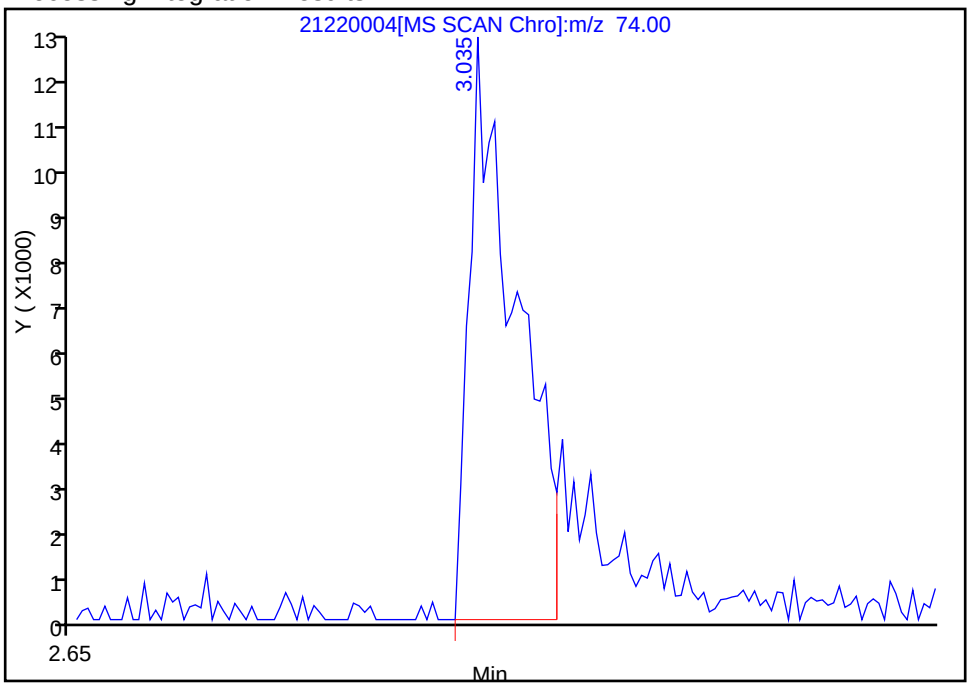
TestAmerica Canton

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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

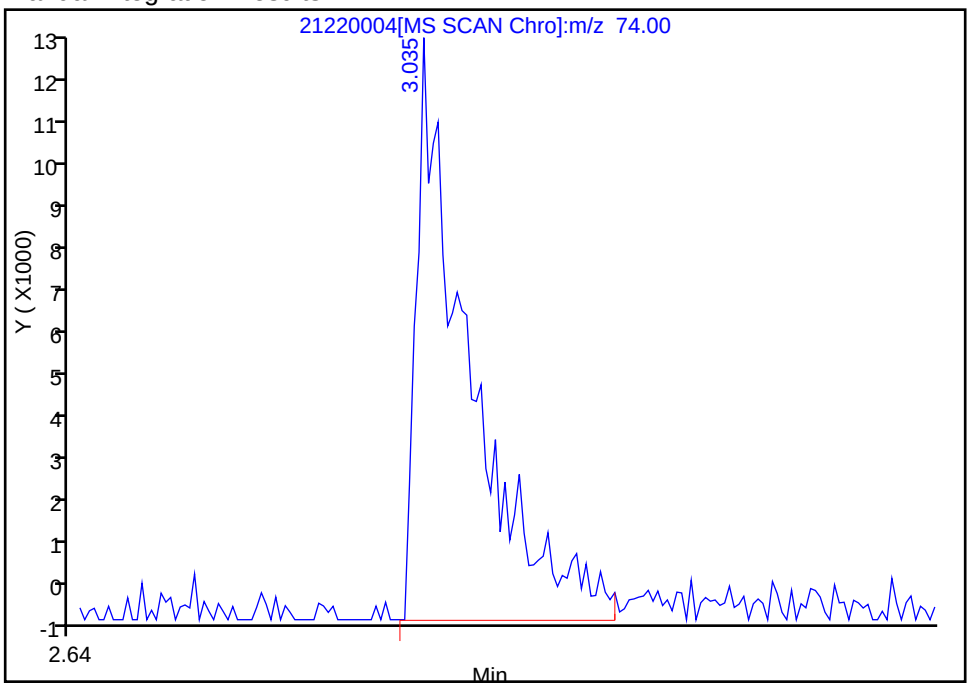
Processing Integration Results

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

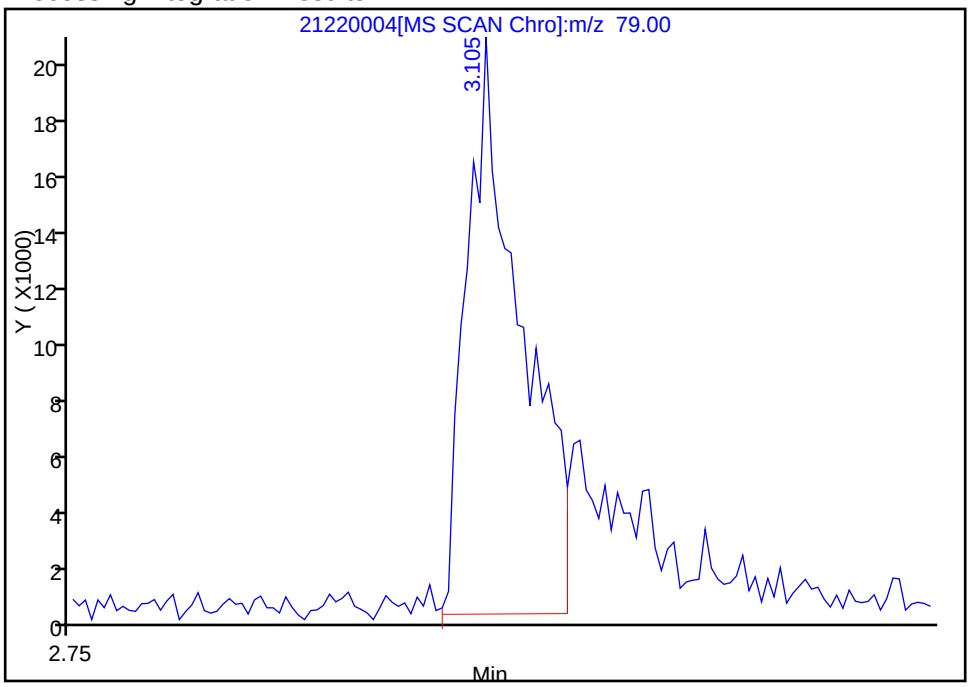
TestAmerica Canton

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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

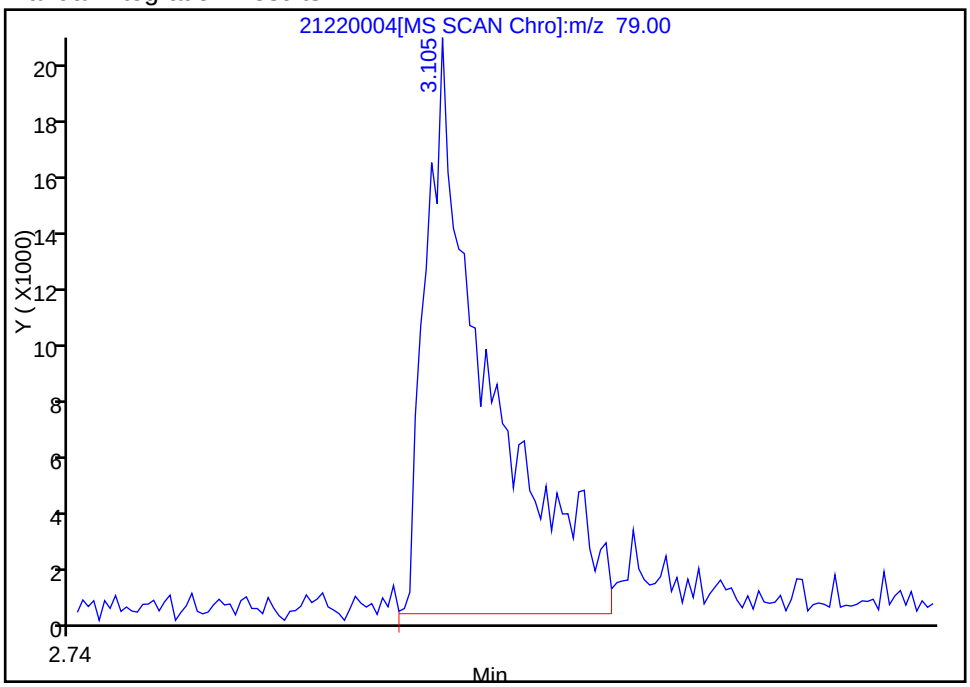
Processing Integration Results

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

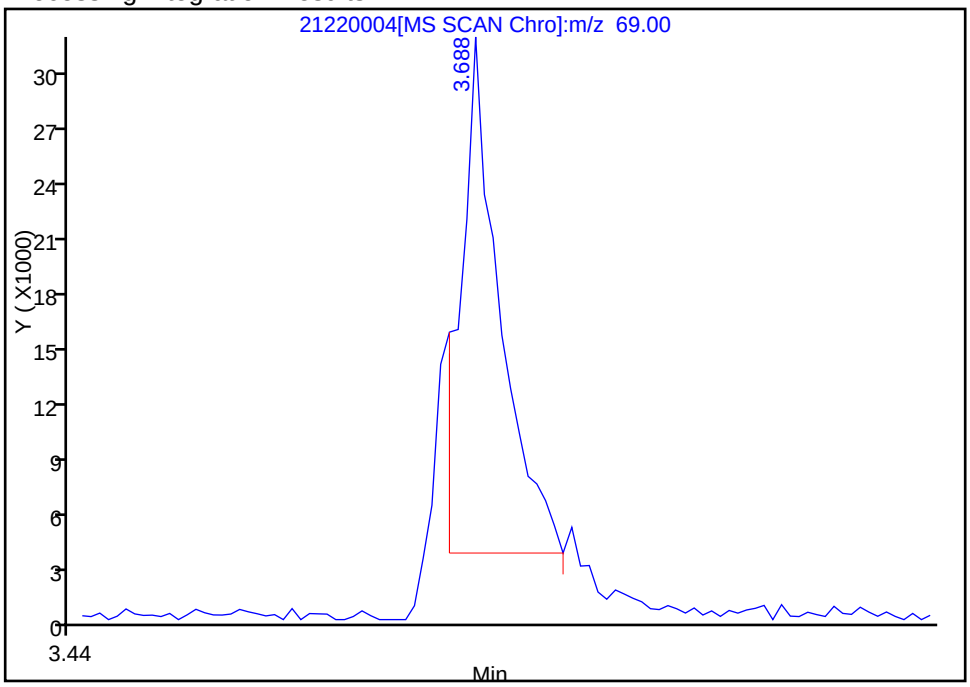
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121220-16051.b\21220004.D		
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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

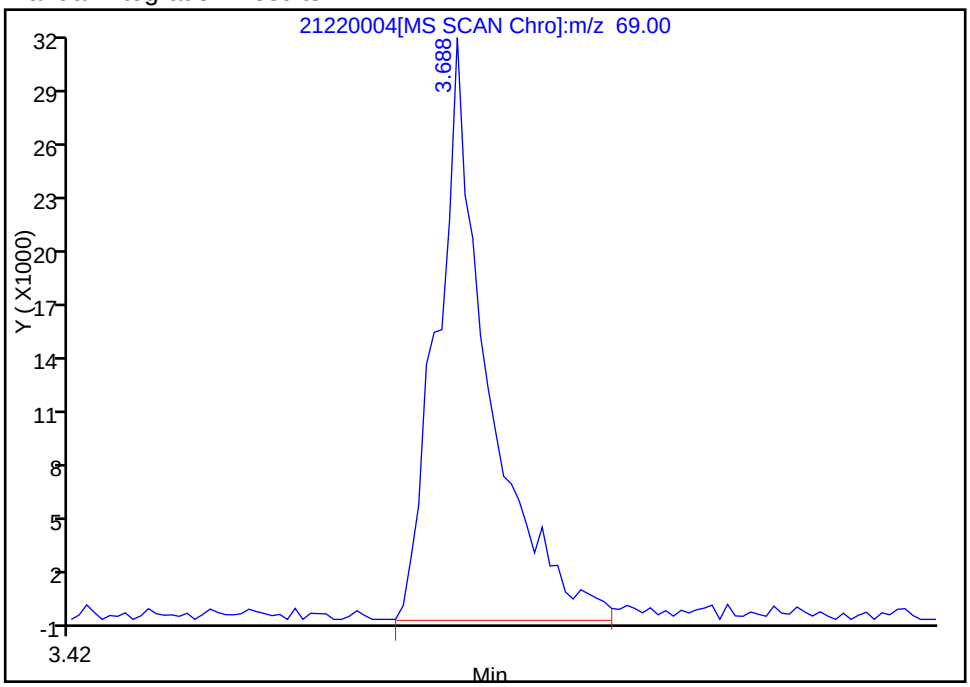
Processing Integration Results

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

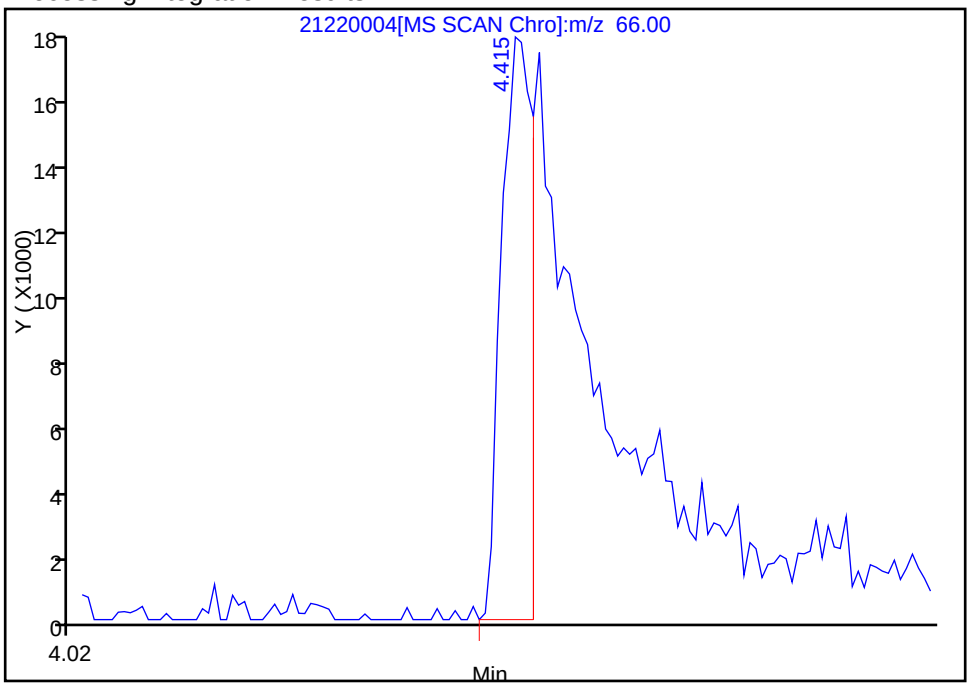
TestAmerica Canton

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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

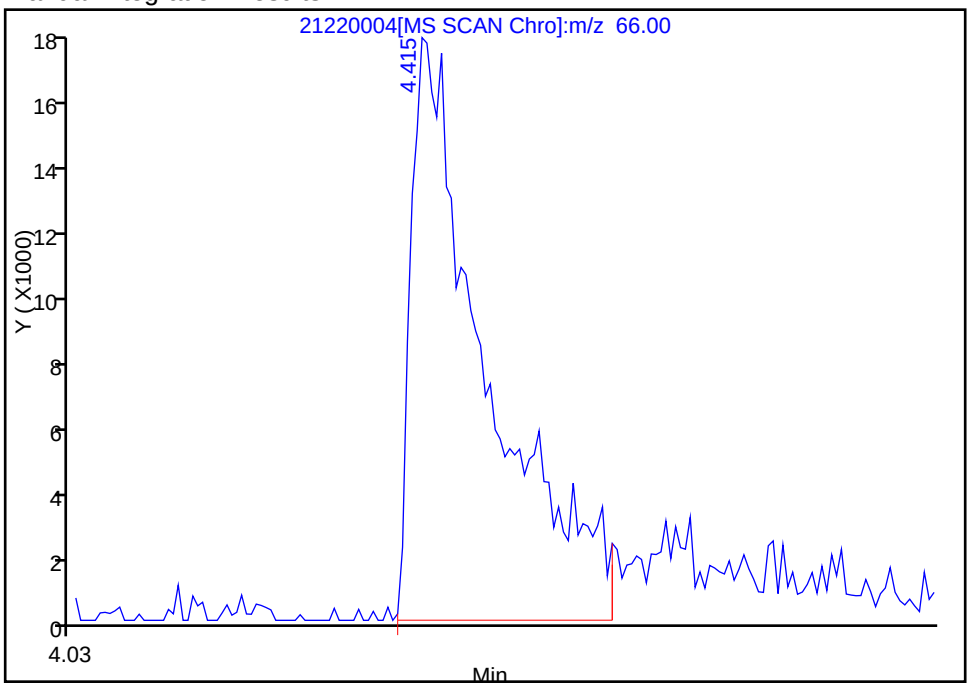
Processing Integration Results

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

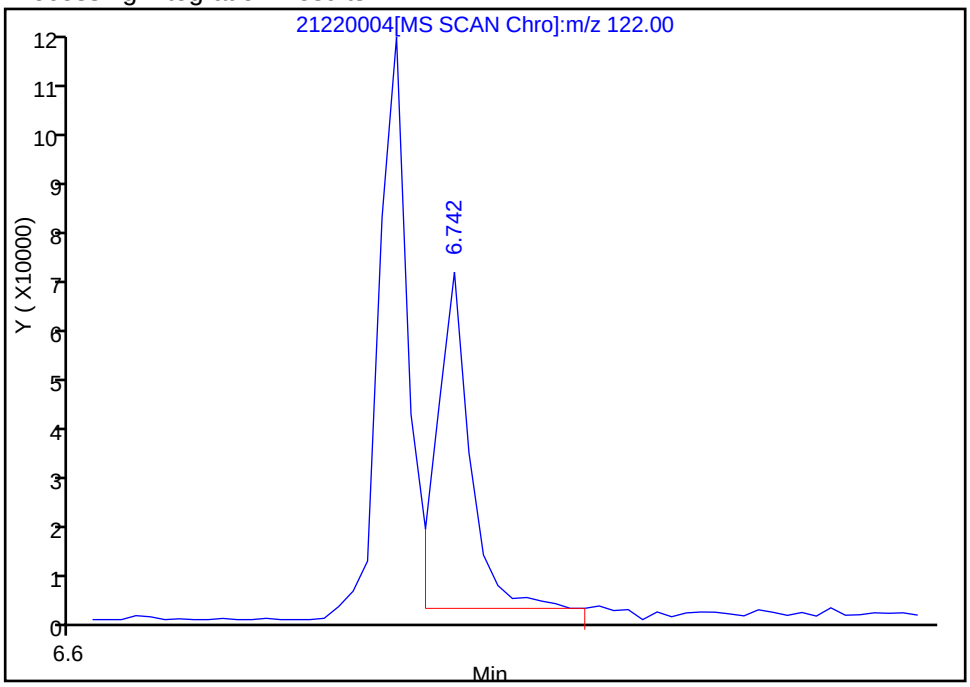
TestAmerica Canton

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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

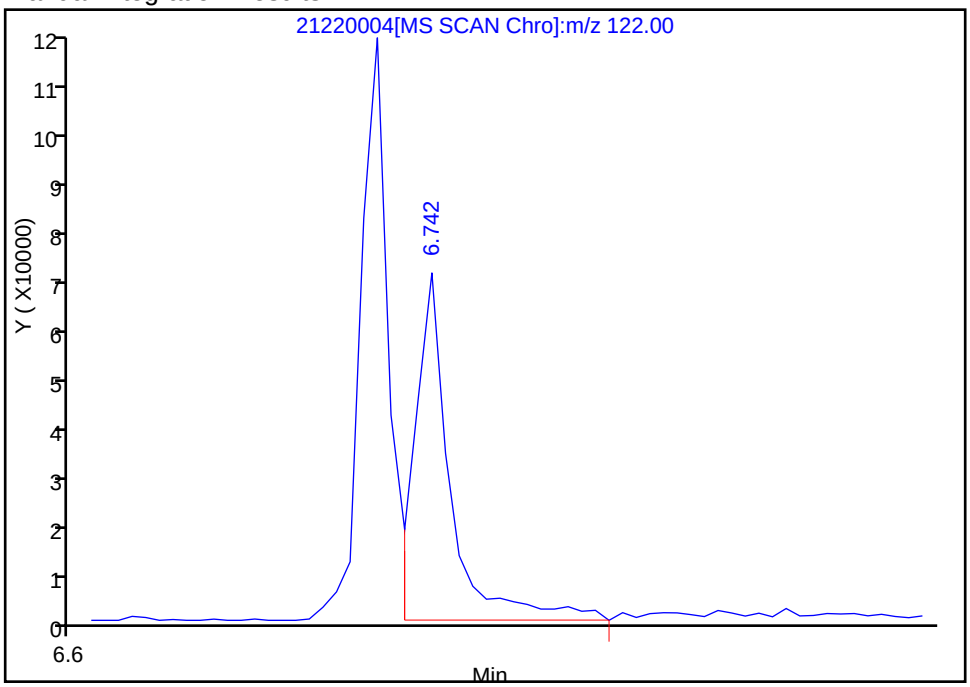
Processing Integration Results

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

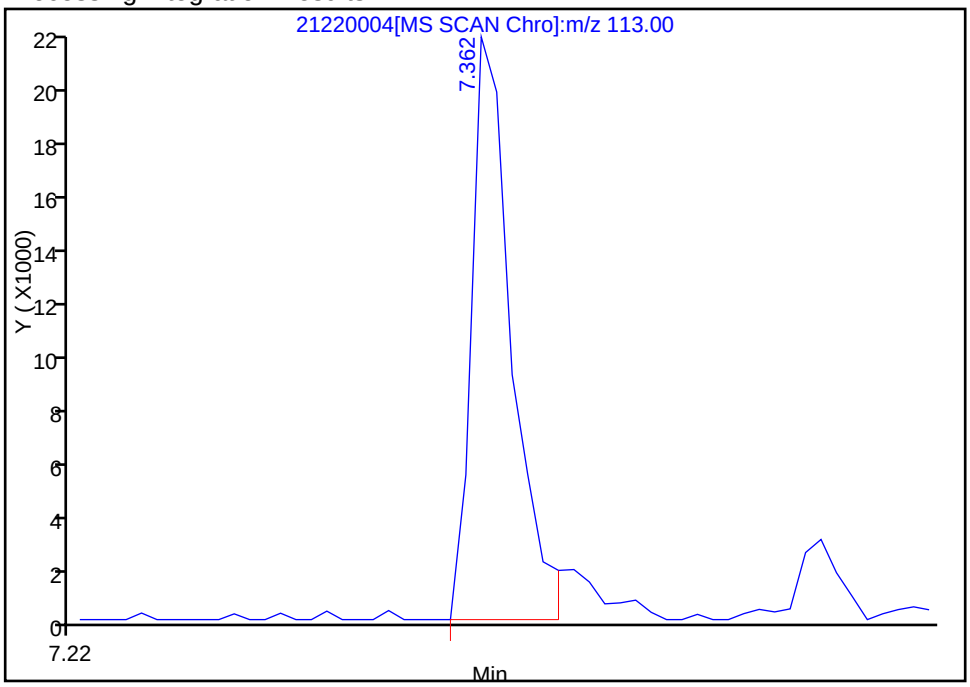
TestAmerica Canton

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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

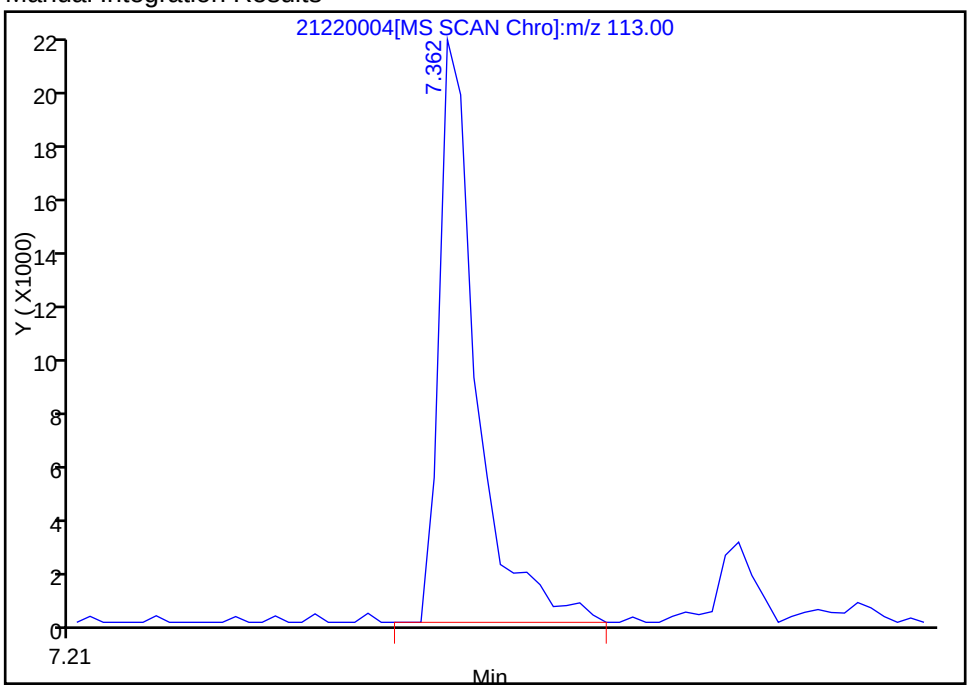
Processing Integration Results

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

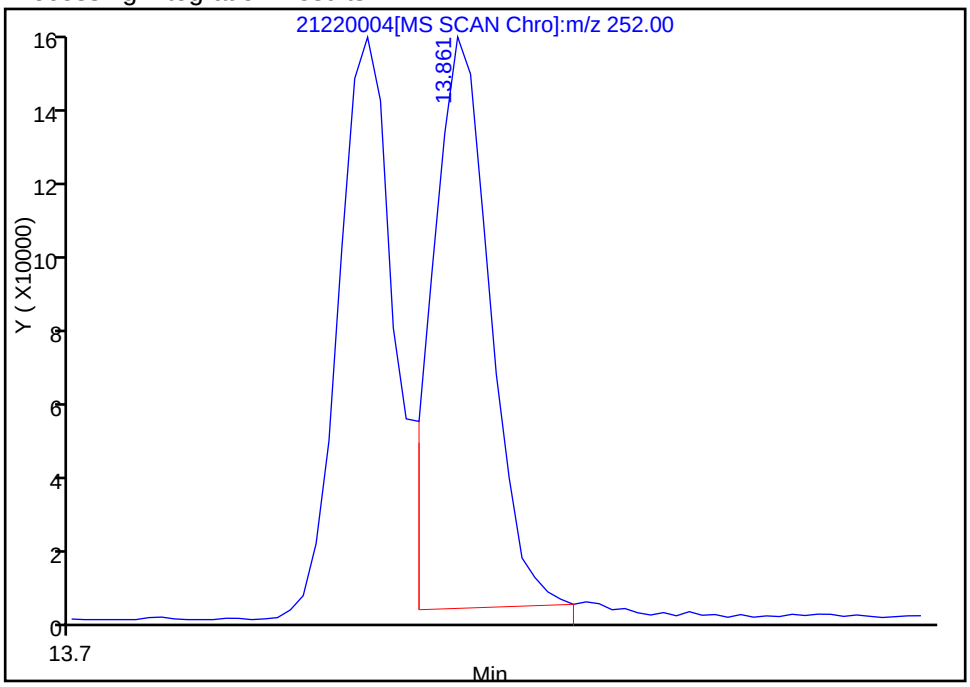
TestAmerica Canton

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

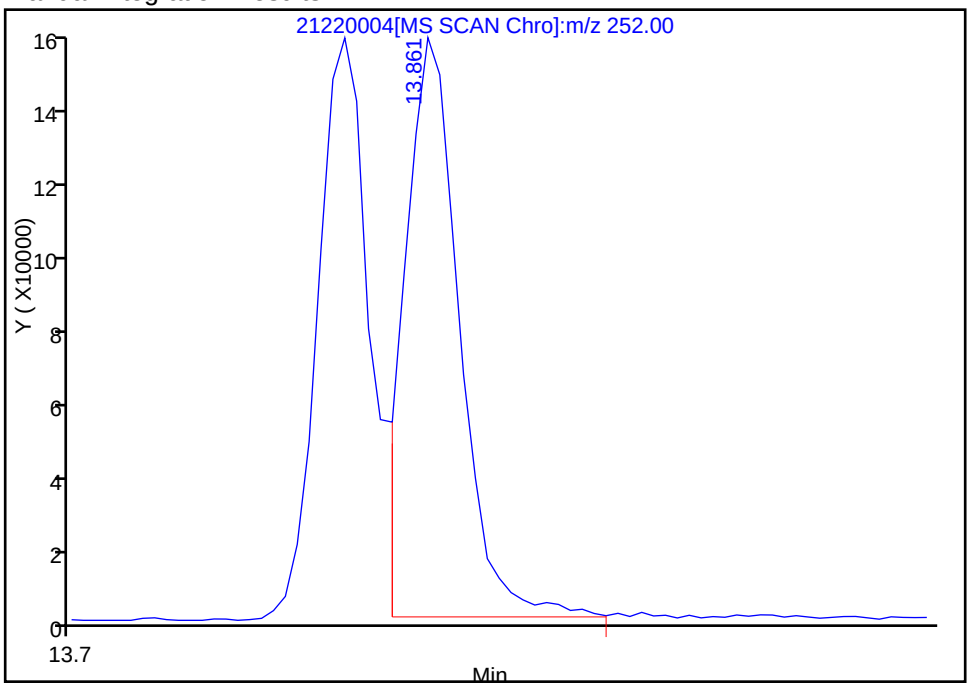
Processing Integration Results

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

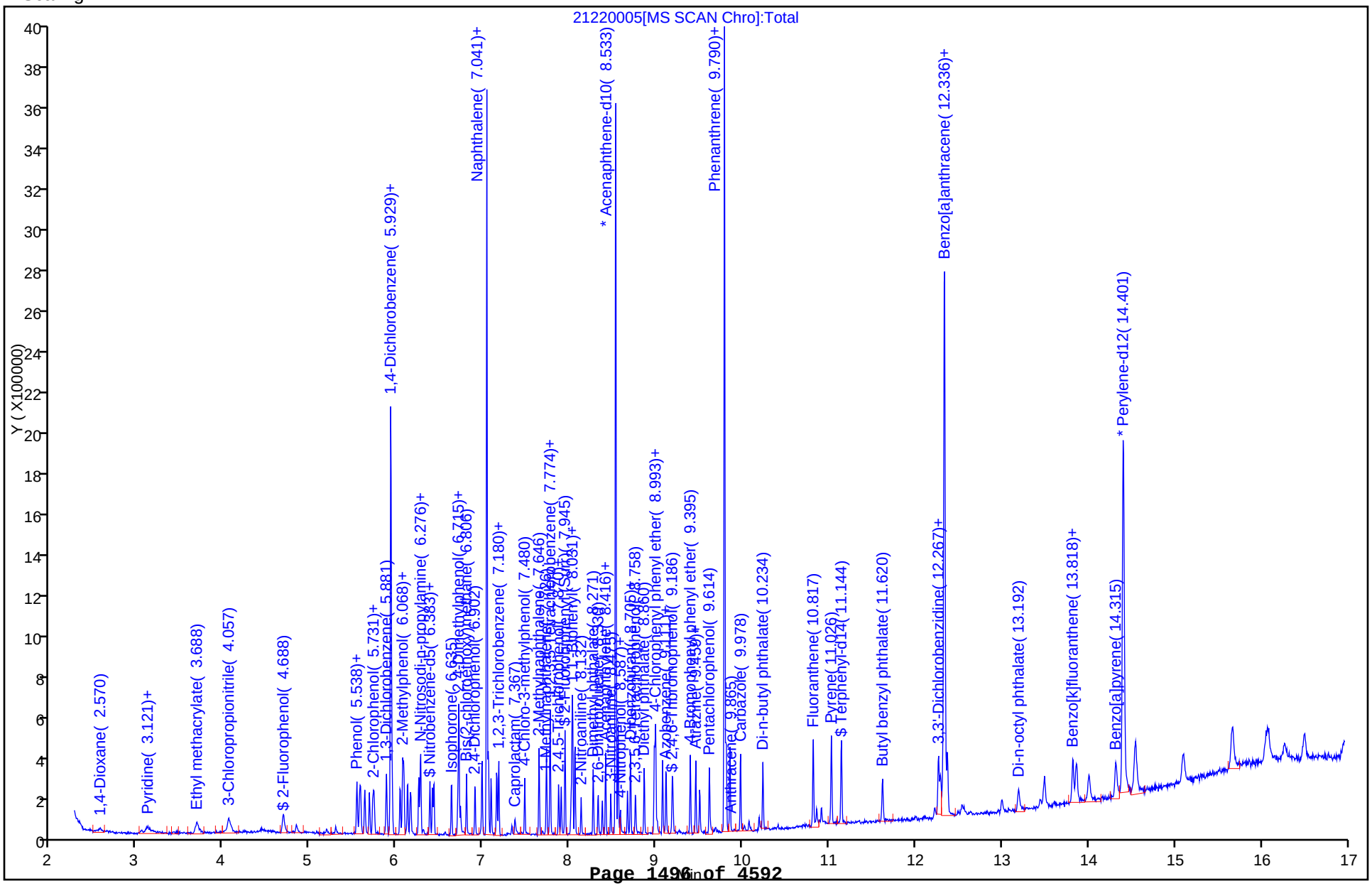
Report Date: 21-Dec-2012 09:00:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

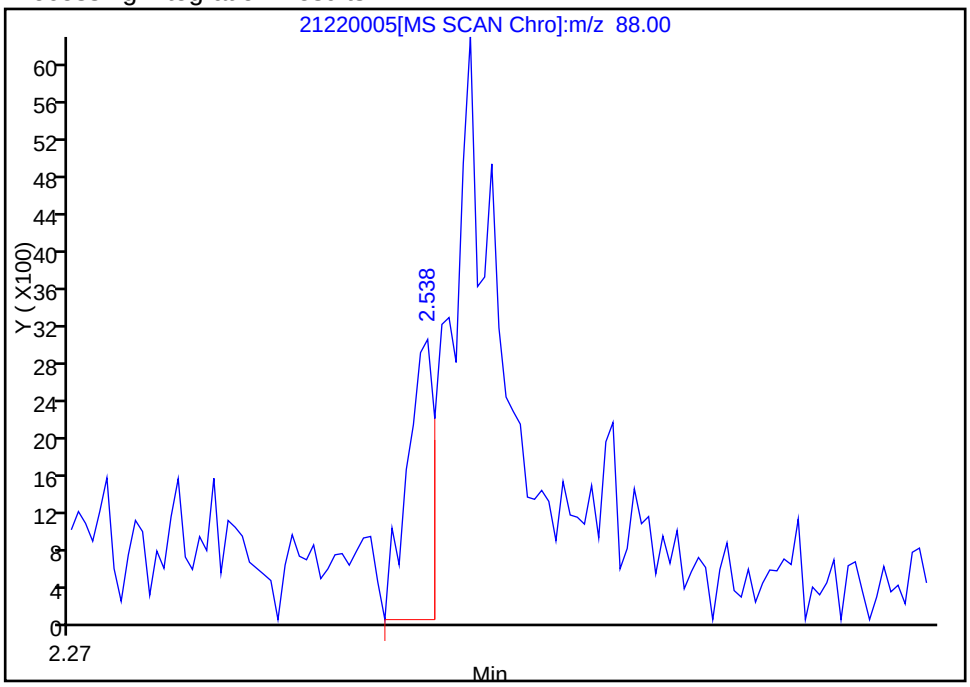
TestAmerica Canton

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

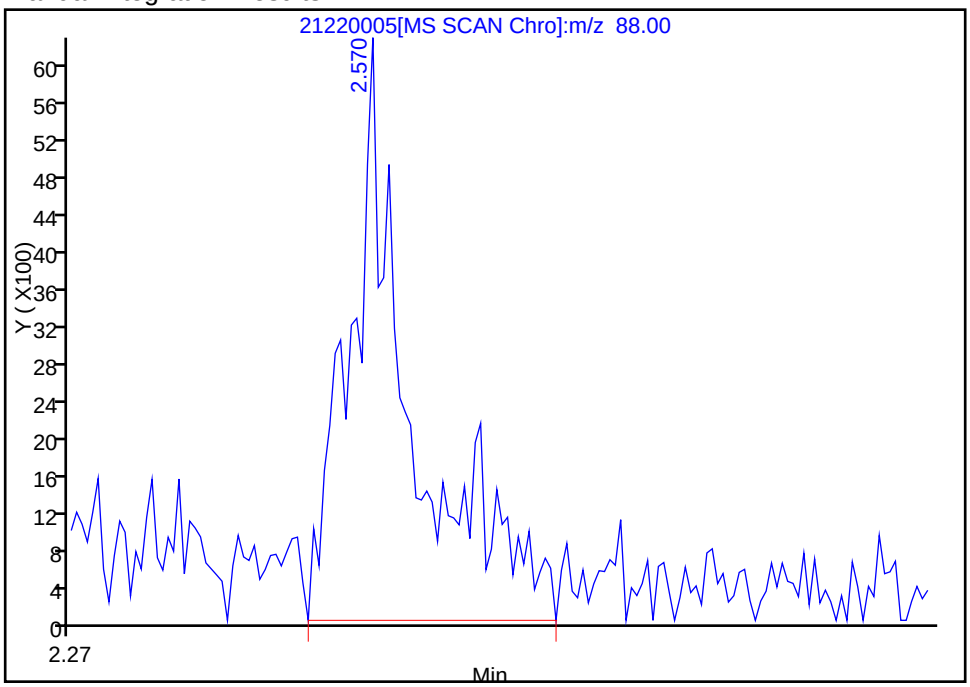
Processing Integration Results

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

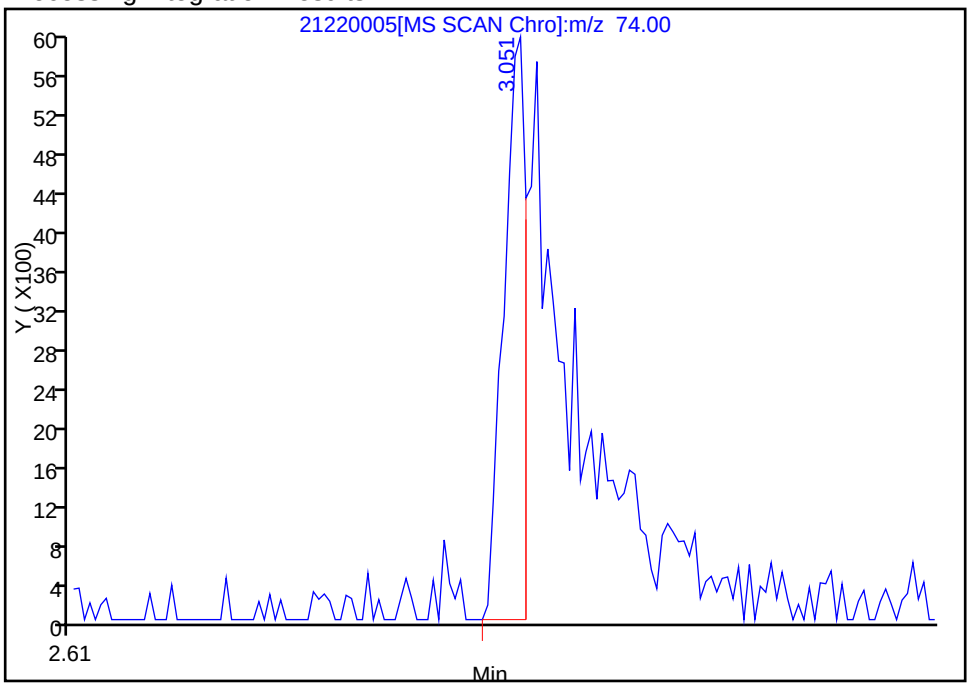
TestAmerica Canton

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

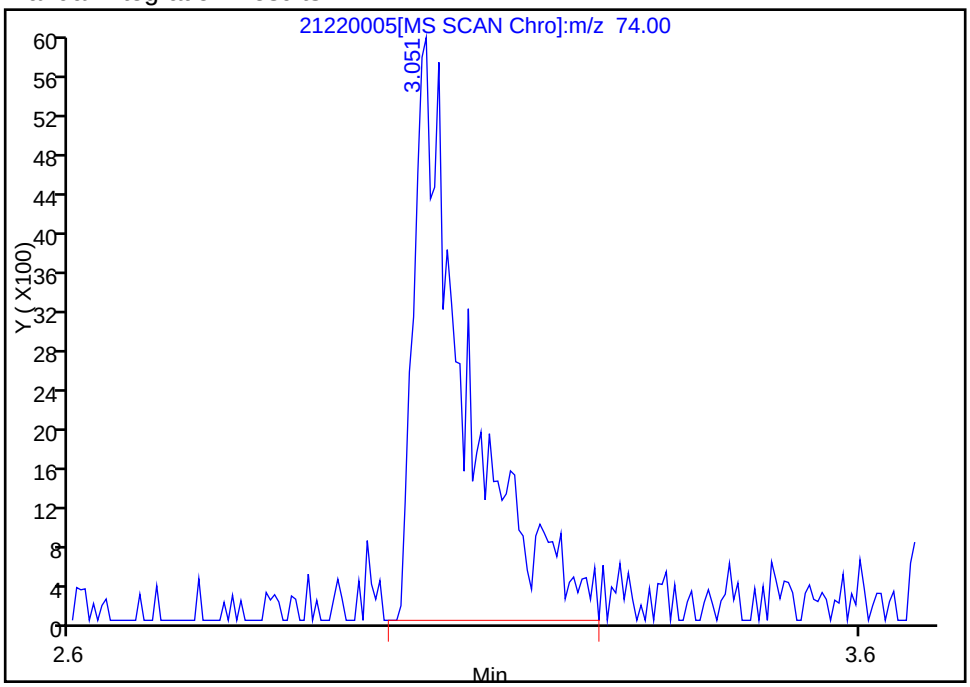
Processing Integration Results

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
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

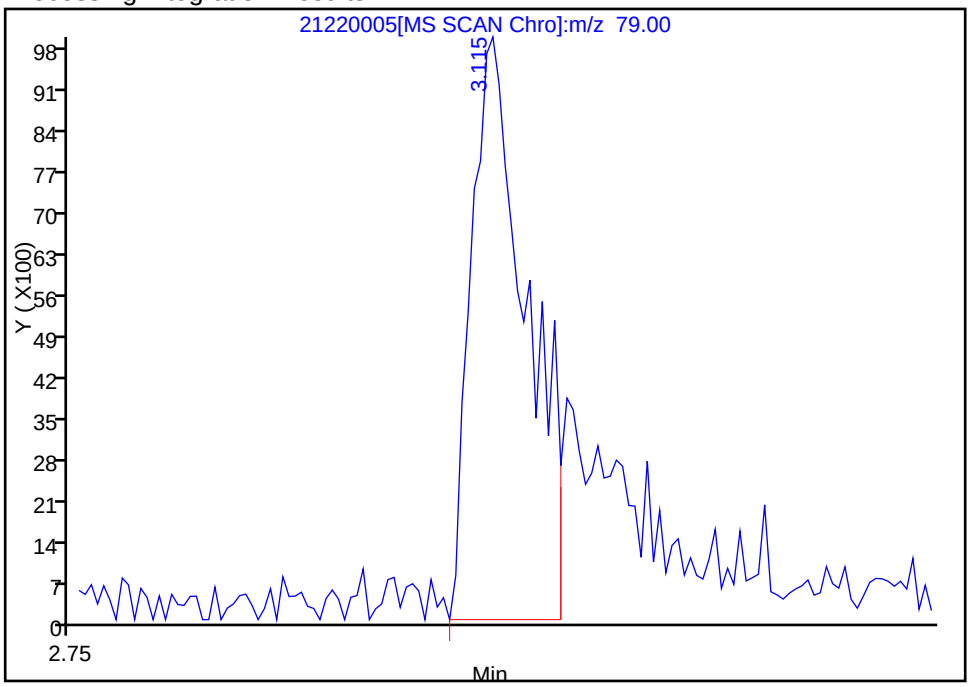
TestAmerica Canton

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

26 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.09

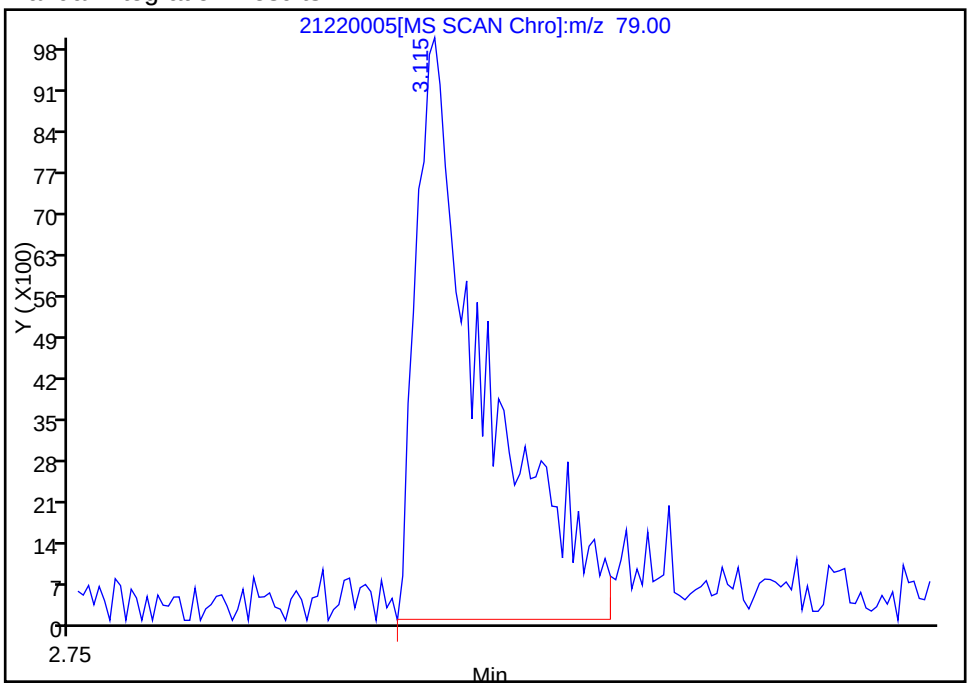
Processing Integration Results

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
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

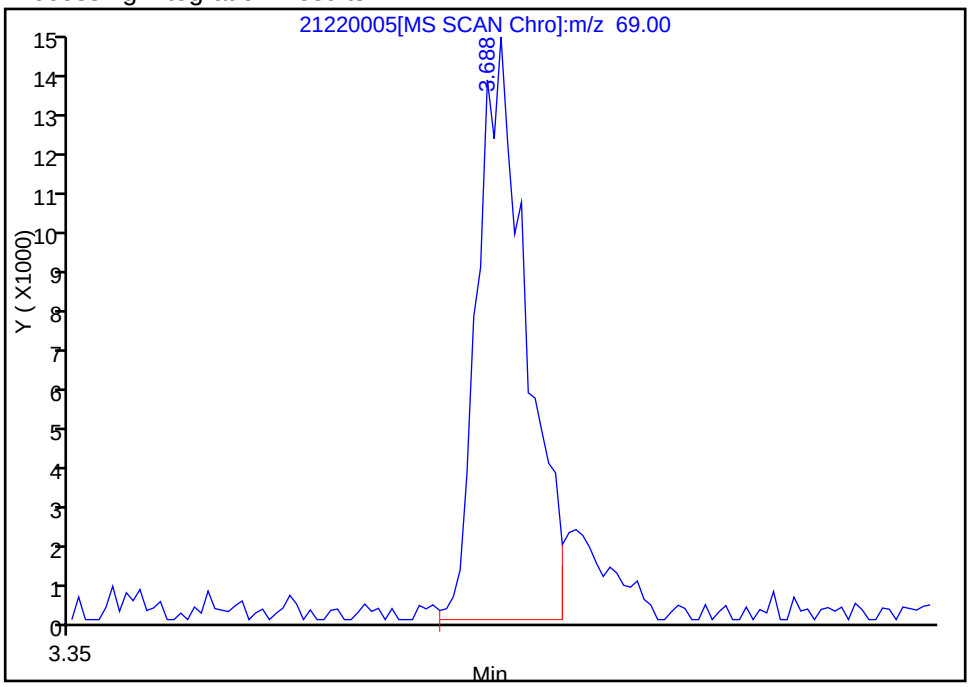
TestAmerica Canton

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

27 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.69

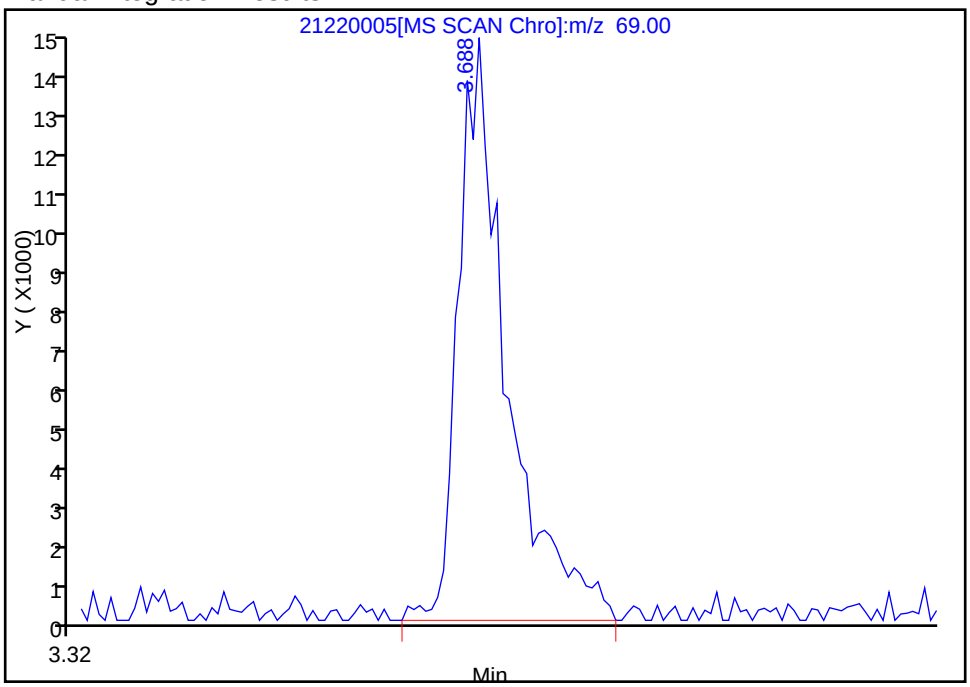
Processing Integration Results

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
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

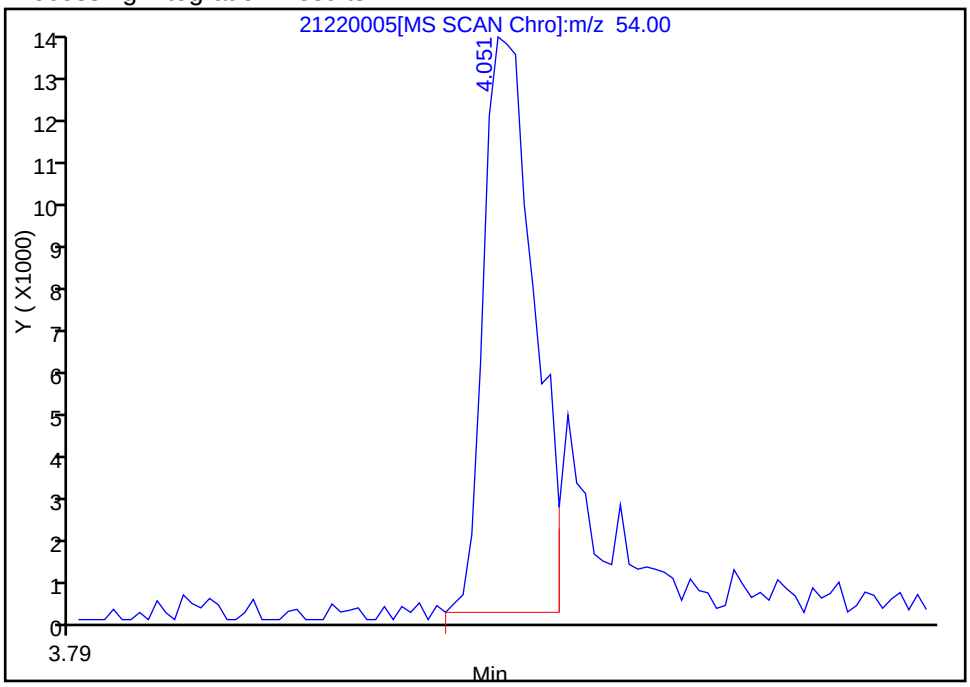
TestAmerica Canton

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

28 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.05

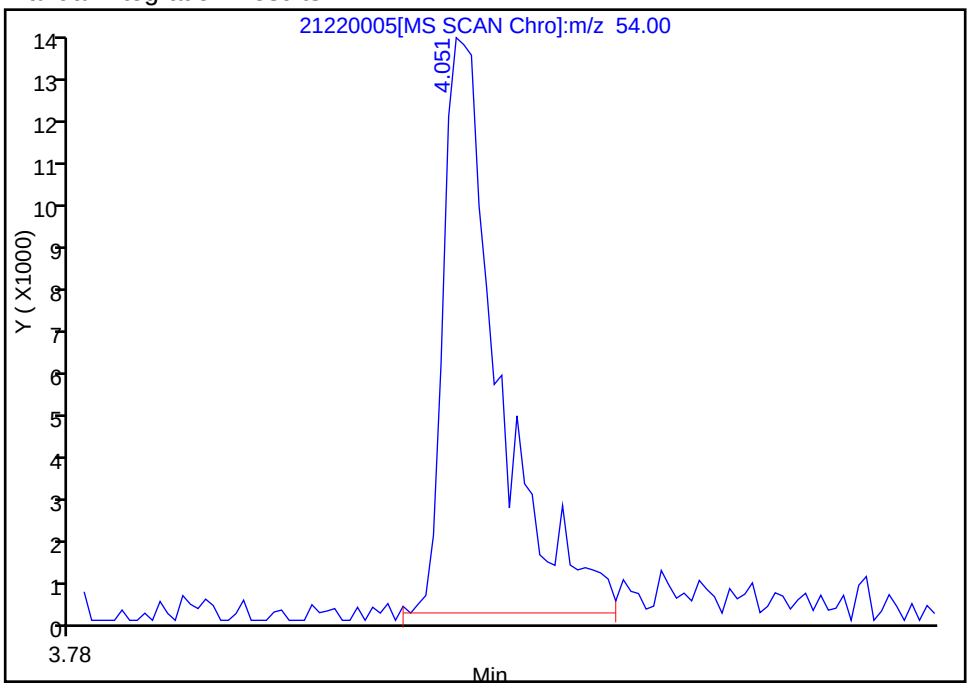
Processing Integration Results

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
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

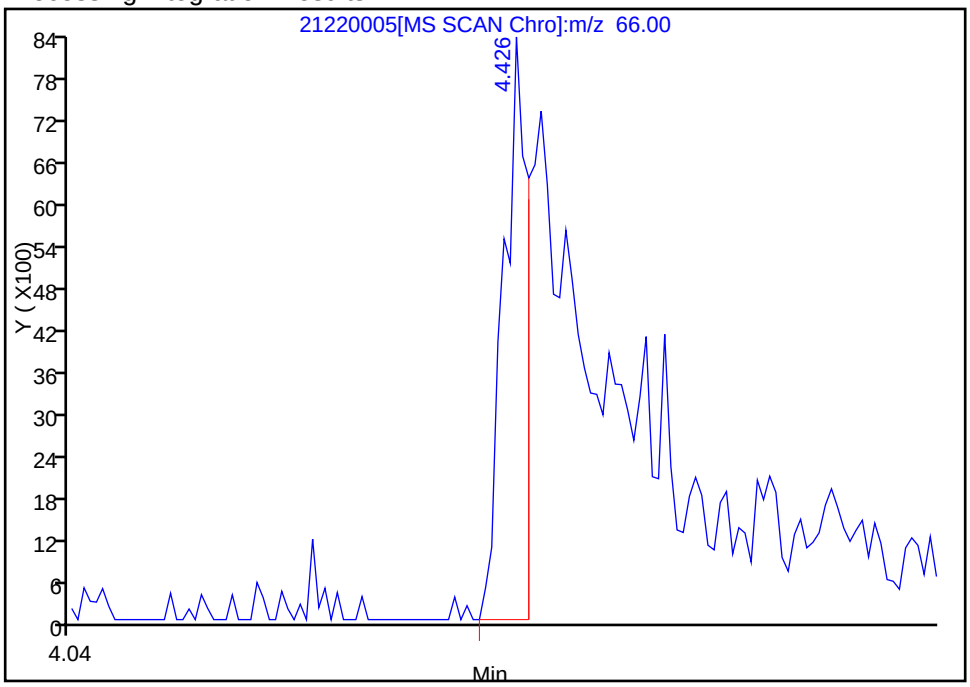
TestAmerica Canton

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

32 Malononitrile, Signal: 1, m/z: 66.0 Type: quant, RT: 4.39

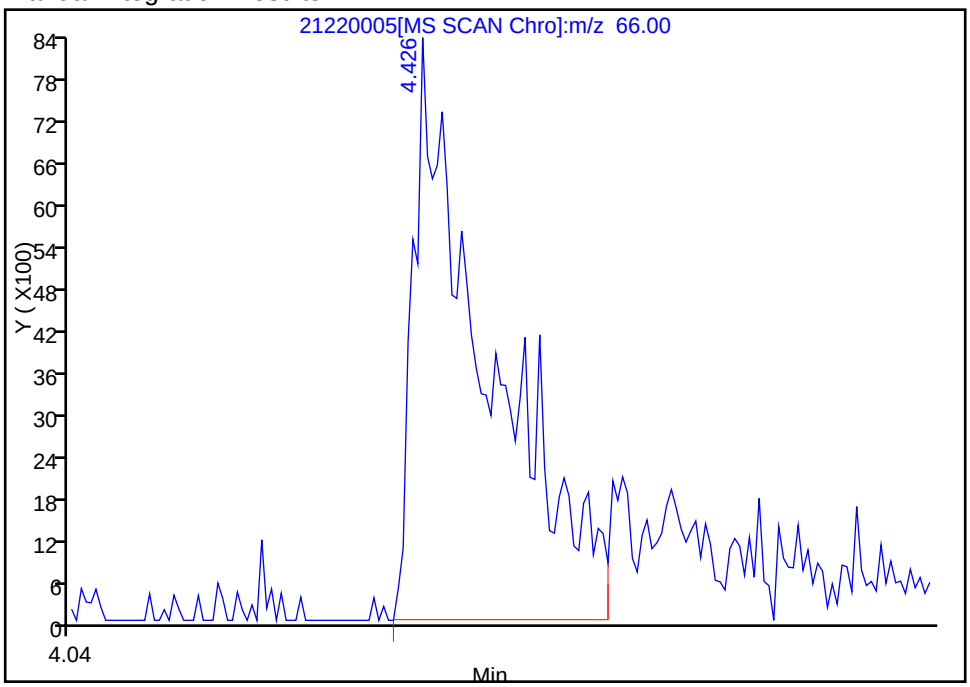
Processing Integration Results

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

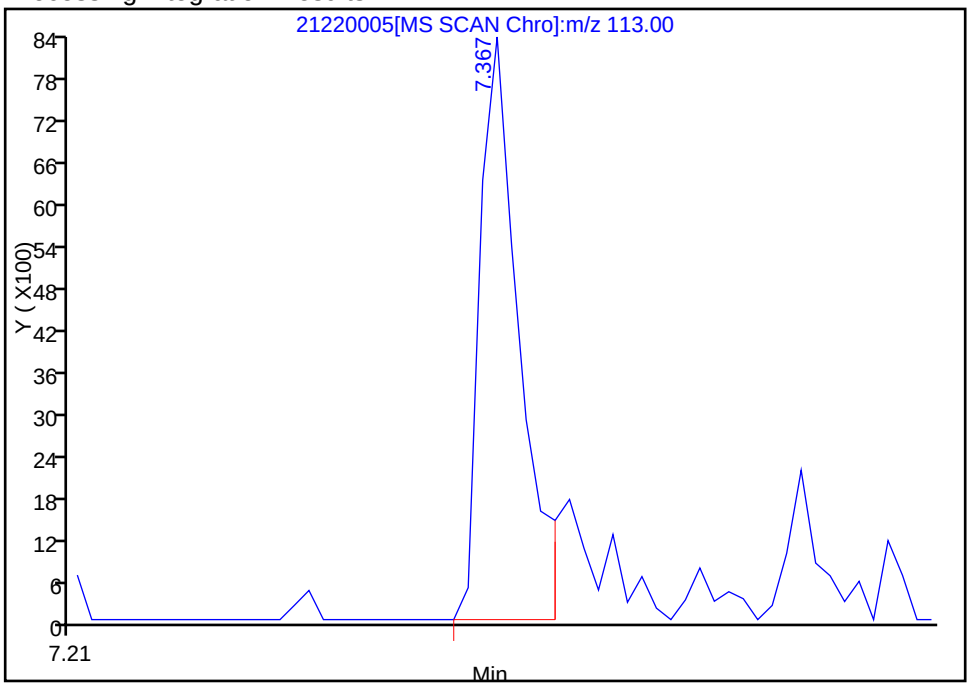
TestAmerica Canton

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

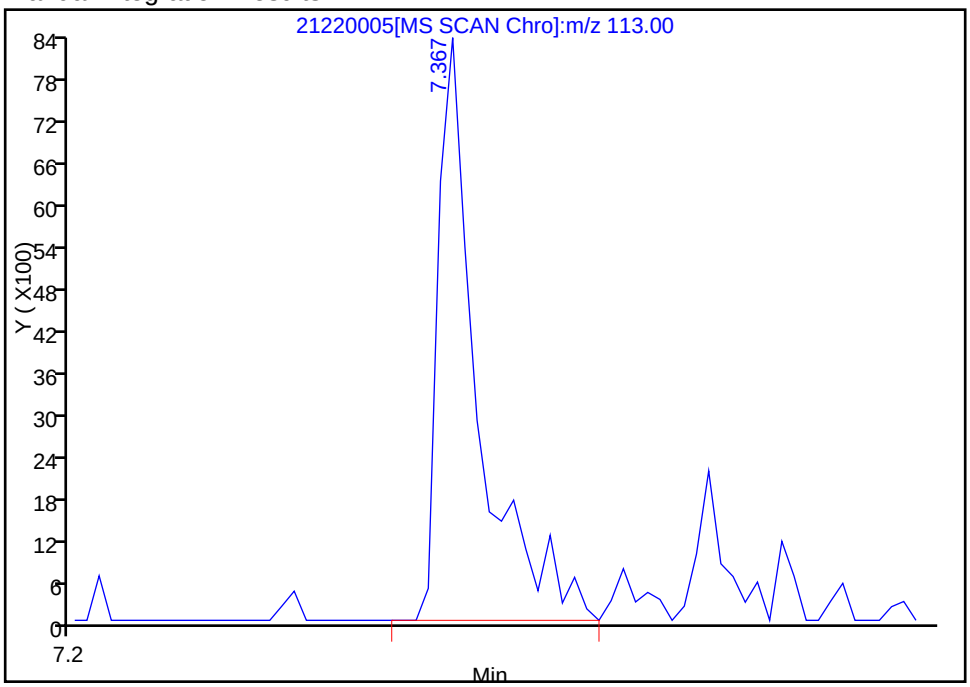
Processing Integration Results

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
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

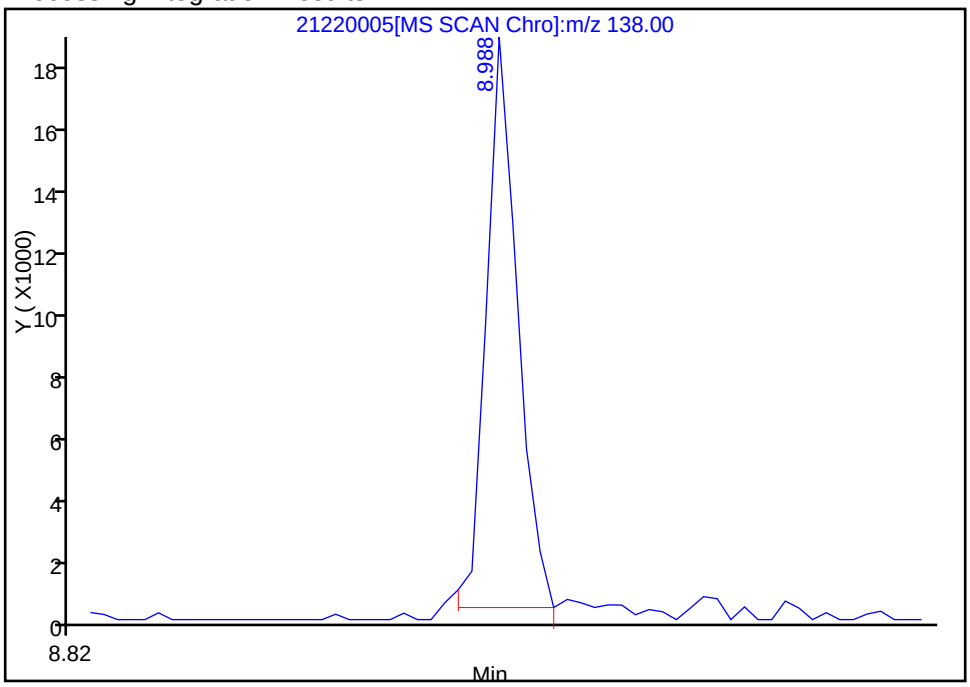
TestAmerica Canton

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

123 4-Nitroaniline, Signal: 1, m/z: 138.0 Type: quant, RT: 8.99

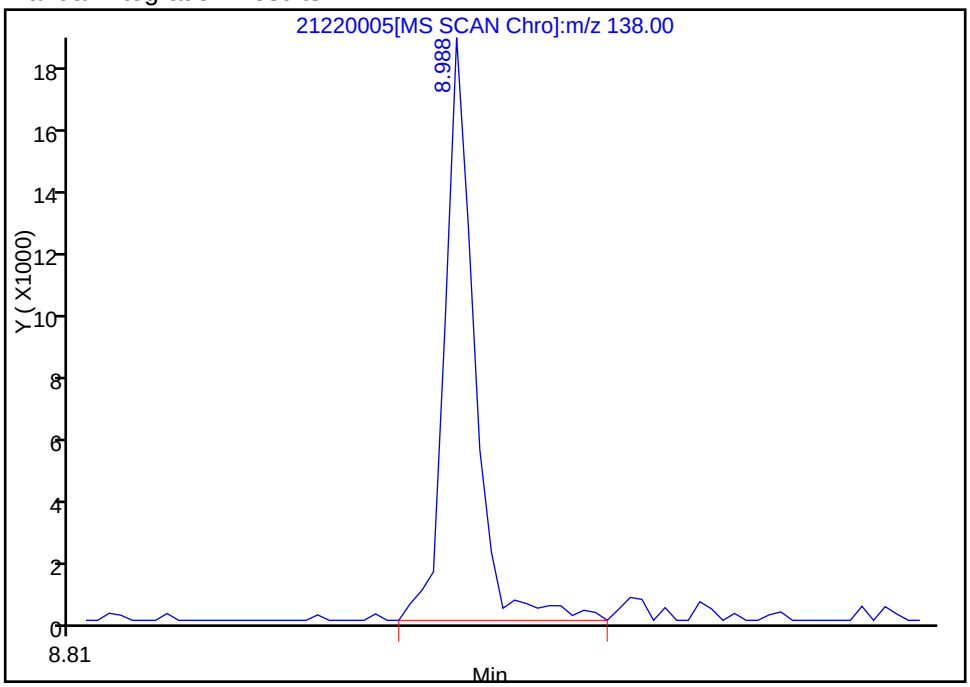
Processing Integration Results

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

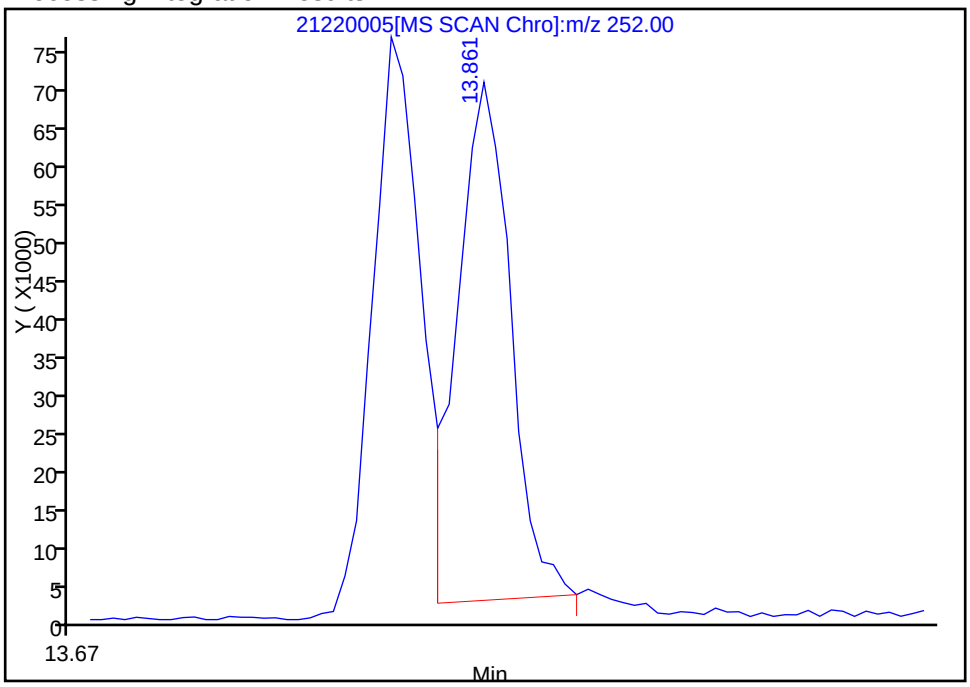
TestAmerica Canton

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

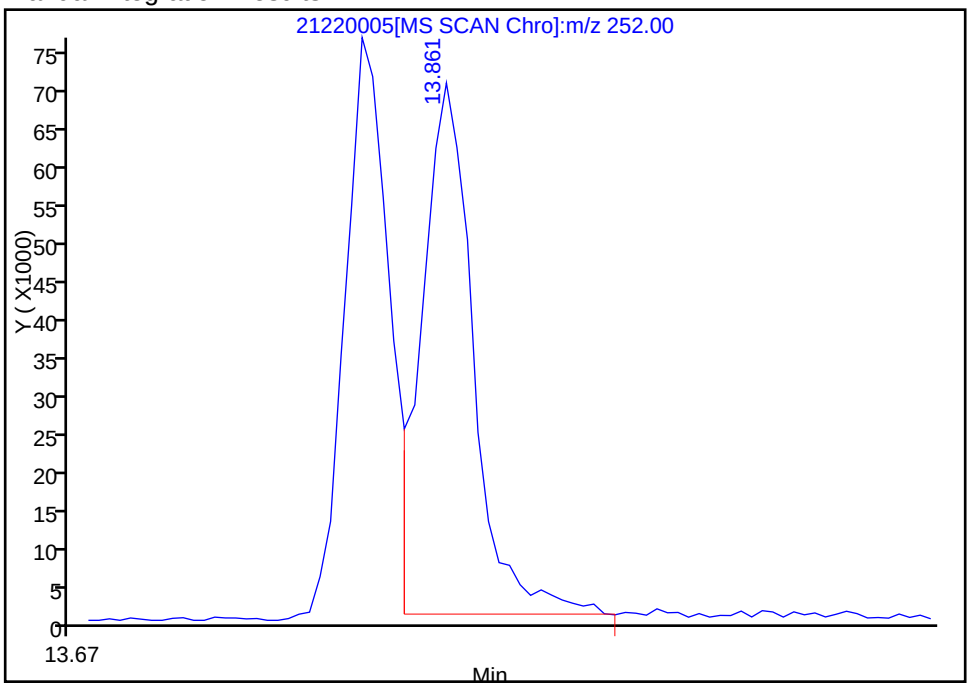
Processing Integration Results

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

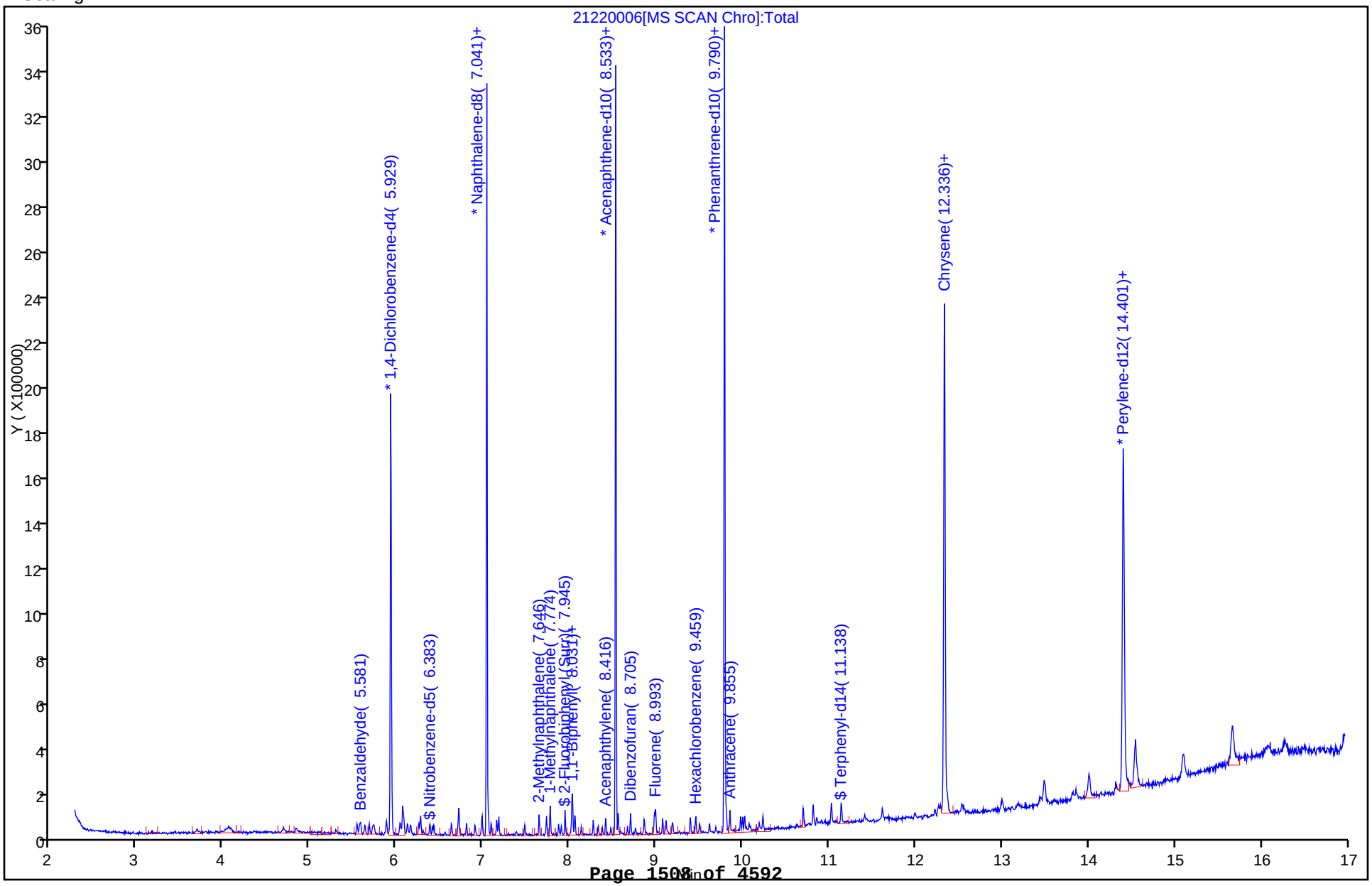
Review Flags
M - Manually Integrated

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:



Manual Integration/User Assign Peak Report

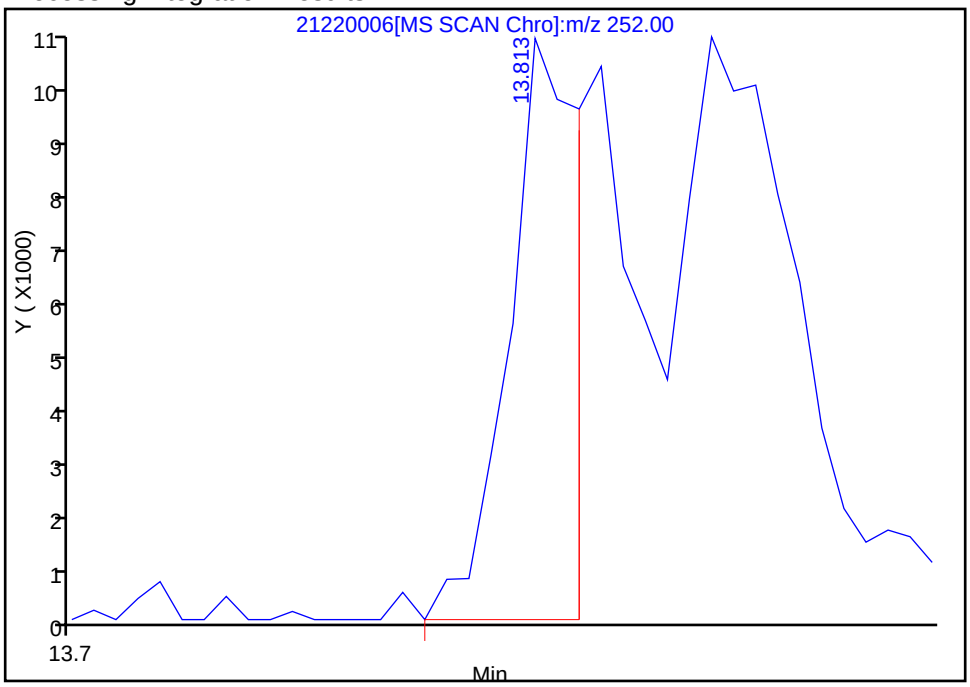
TestAmerica Canton

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

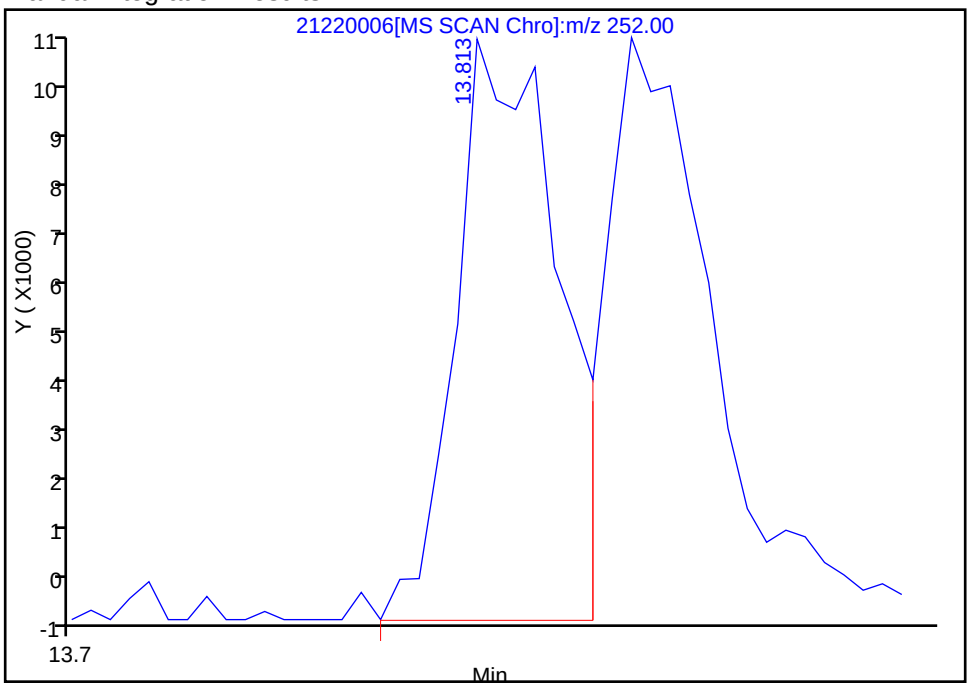
Processing Integration Results

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

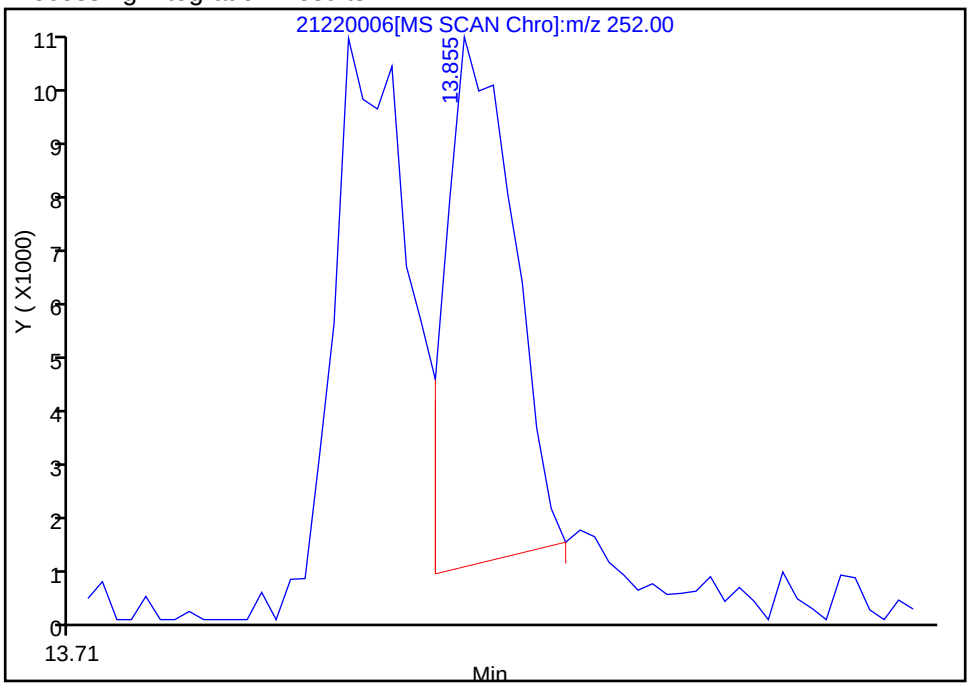
TestAmerica Canton

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

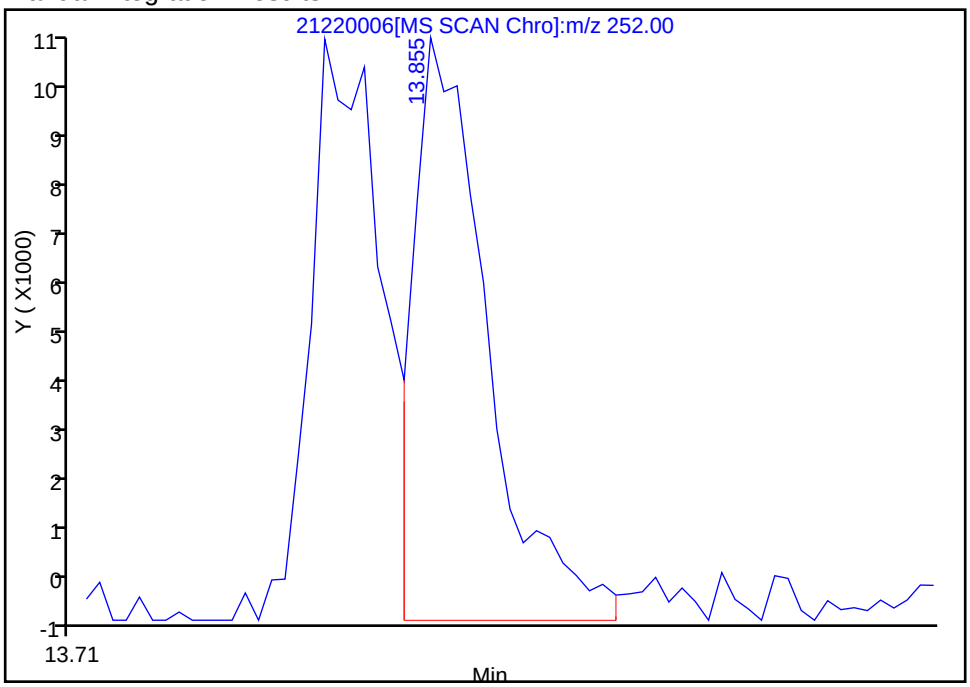
Processing Integration Results

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

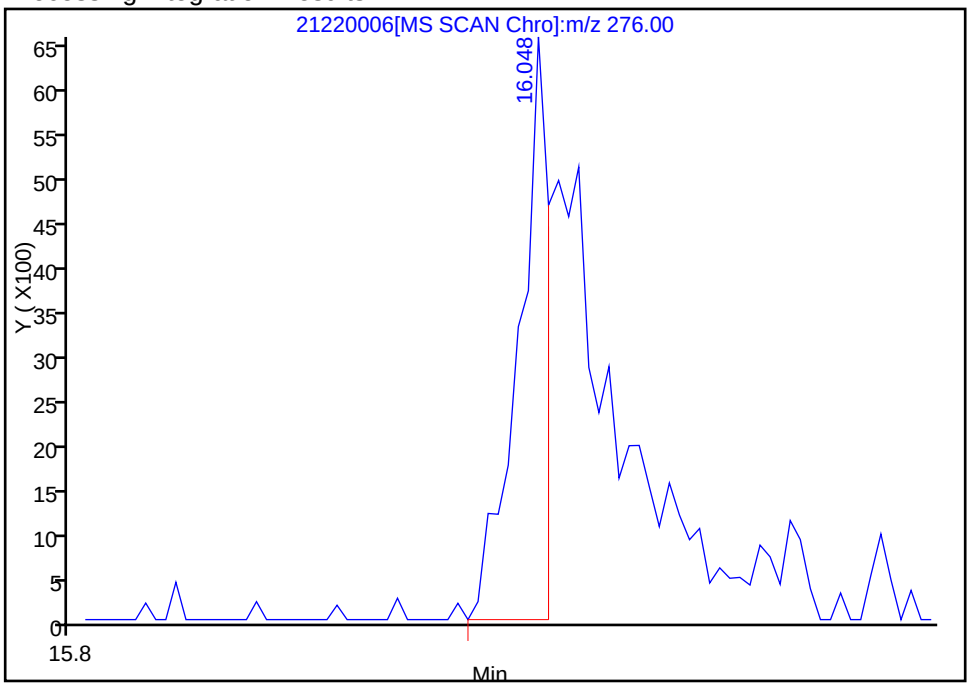
TestAmerica Canton

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

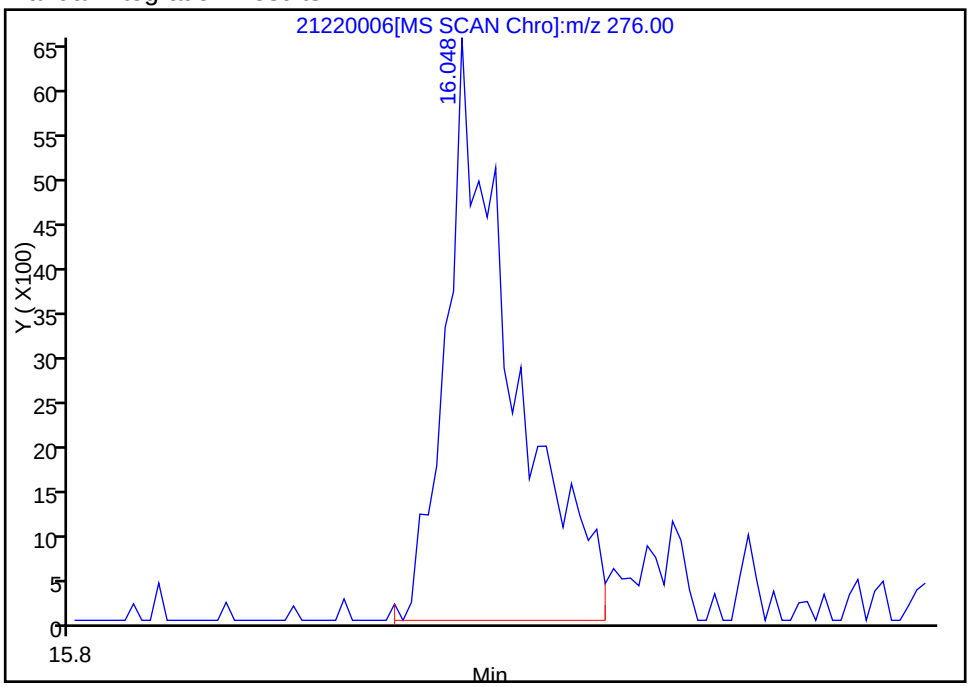
Processing Integration Results

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

Manual Integration/User Assign Peak Report

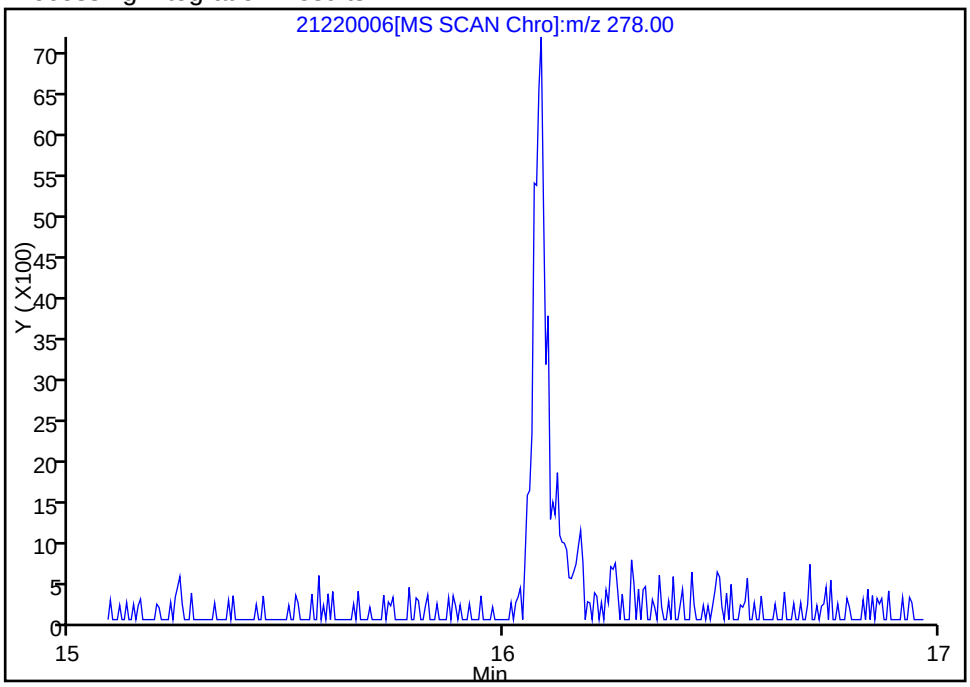
TestAmerica Canton

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

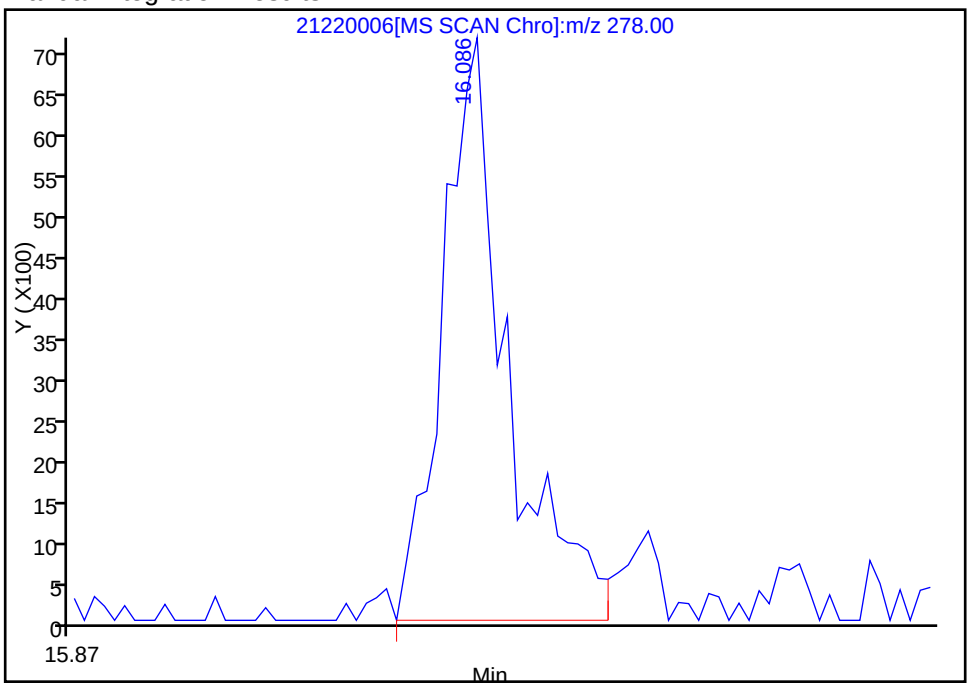
Not Detected
Expected RT: 16.09

Processing Integration Results



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

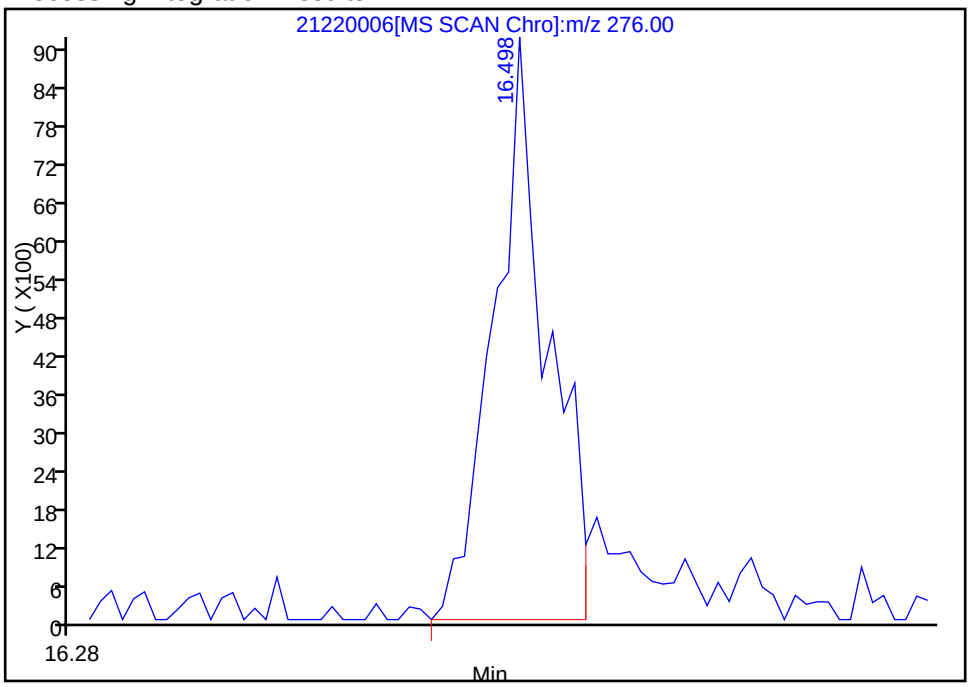
TestAmerica Canton

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

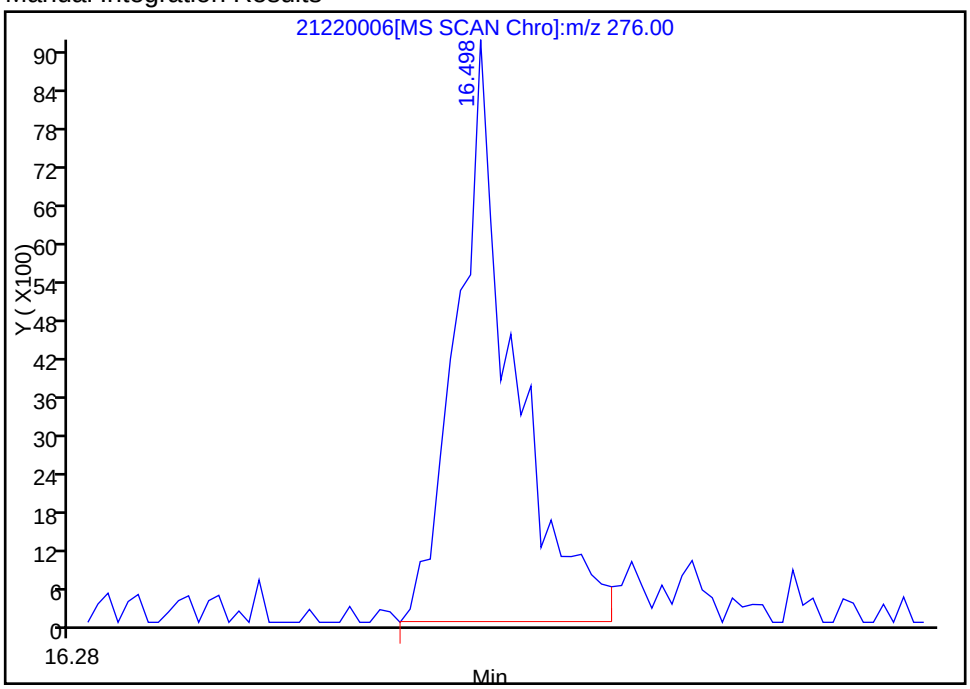
Processing Integration Results

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

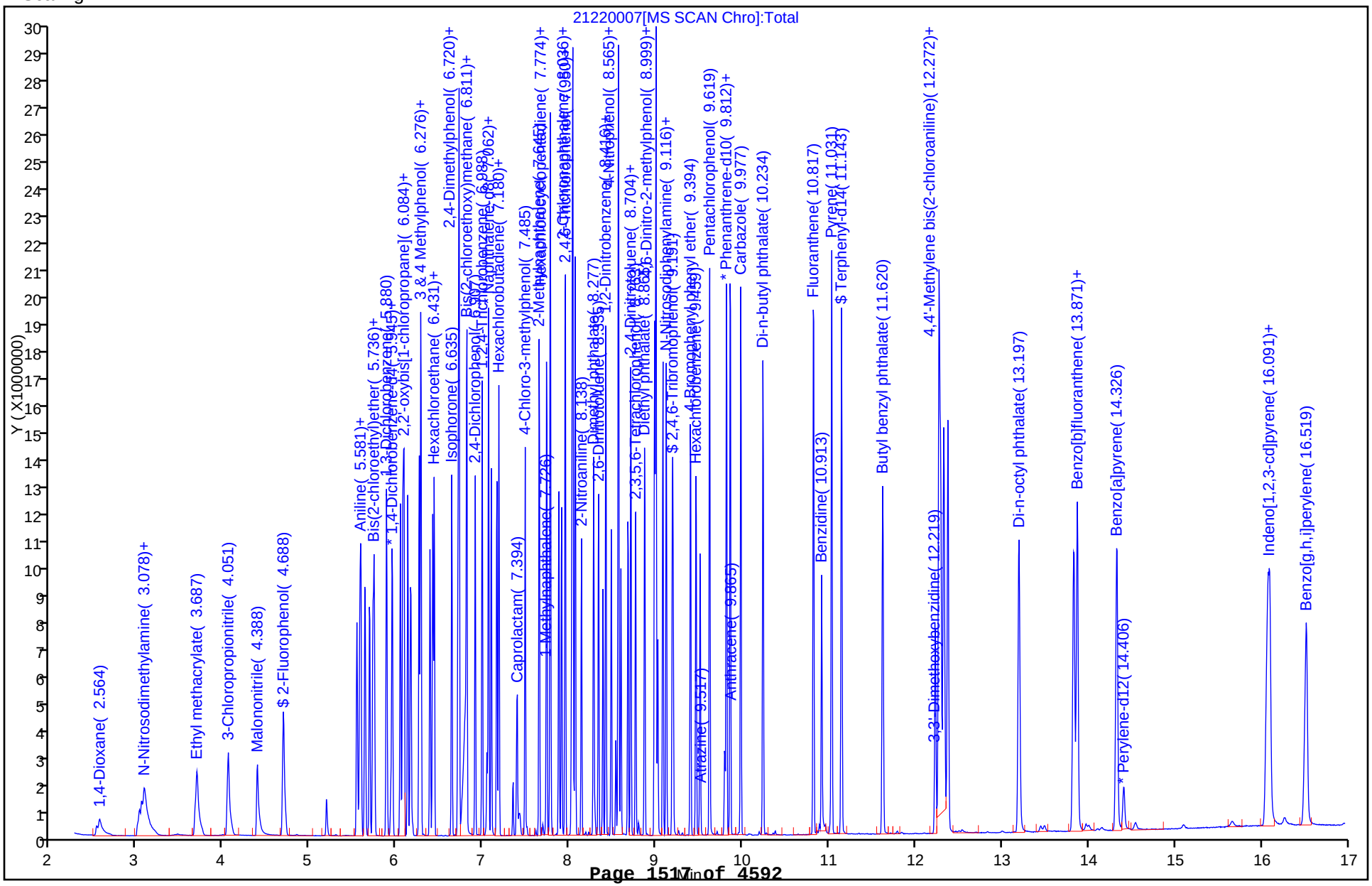
Report Date: 21-Dec-2012 09:01:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

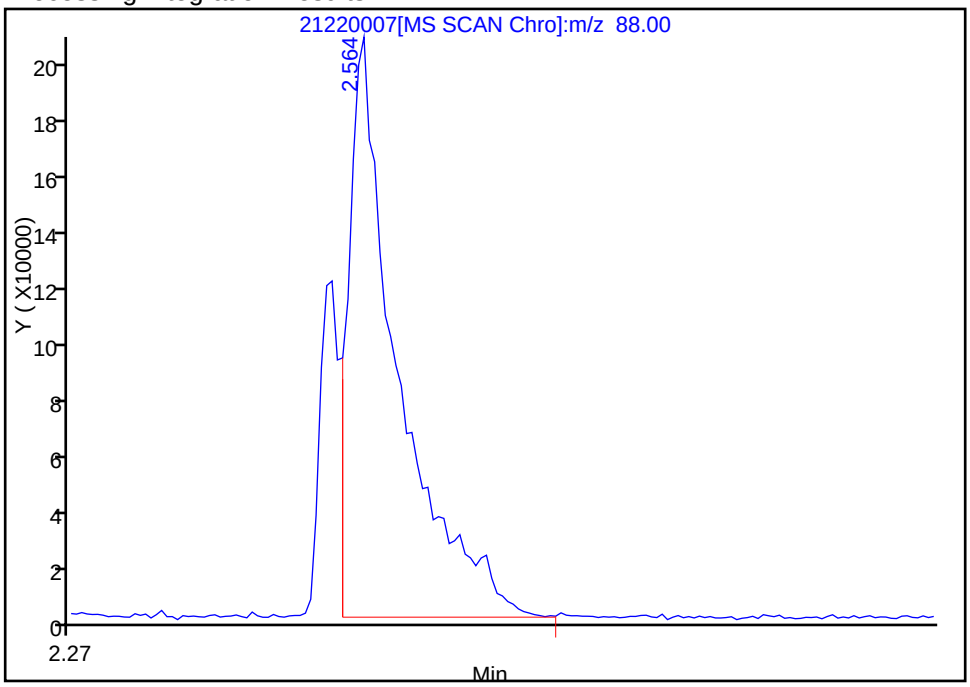
TestAmerica Canton

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

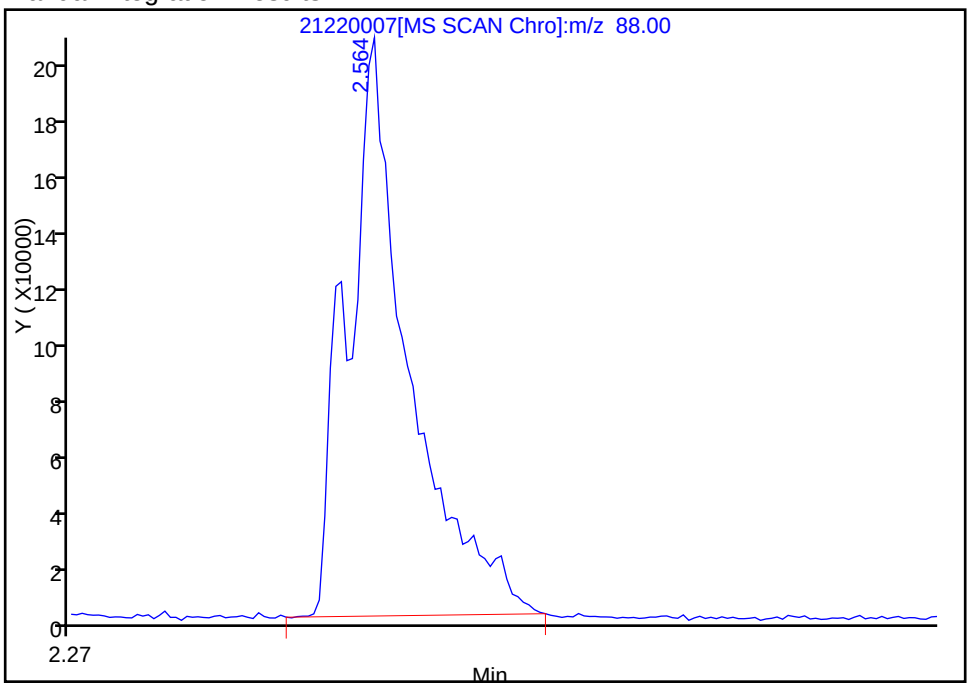
Processing Integration Results

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

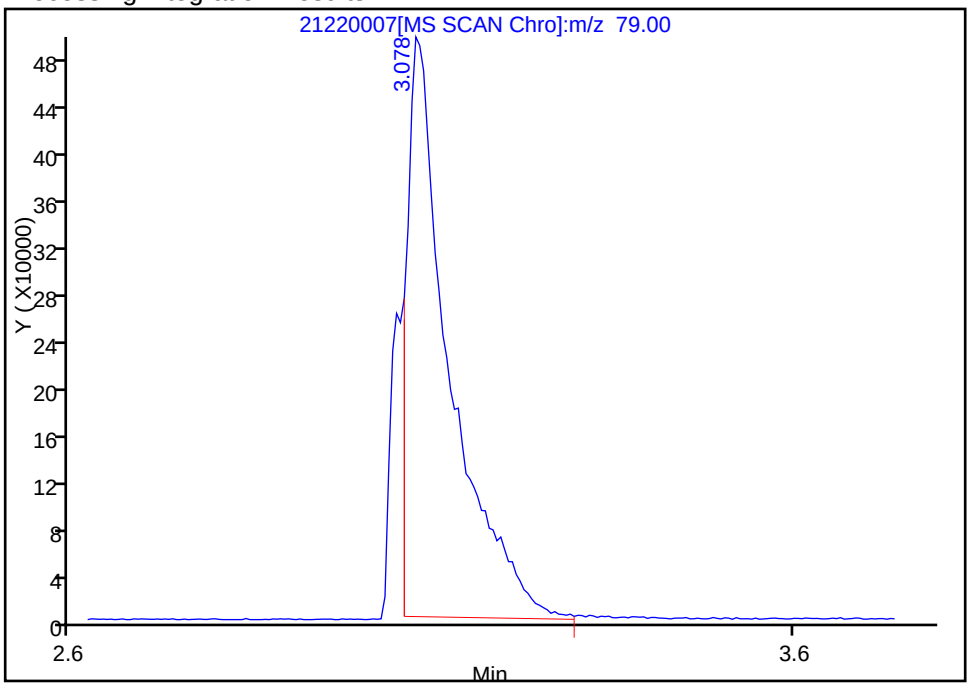
TestAmerica Canton

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

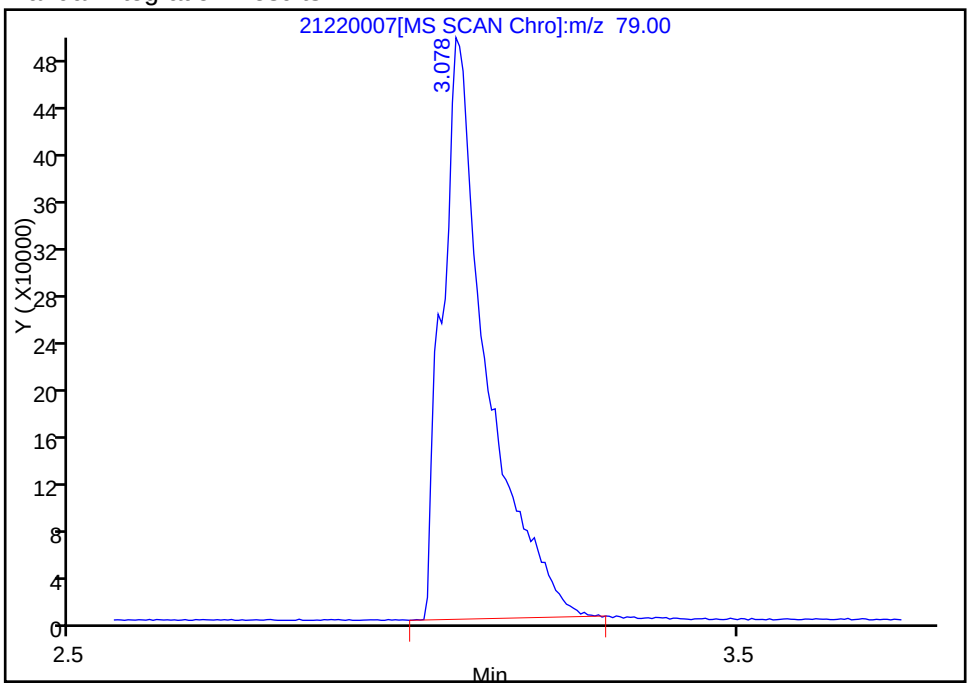
Processing Integration Results

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

Report Date: 21-Dec-2012 09:01:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

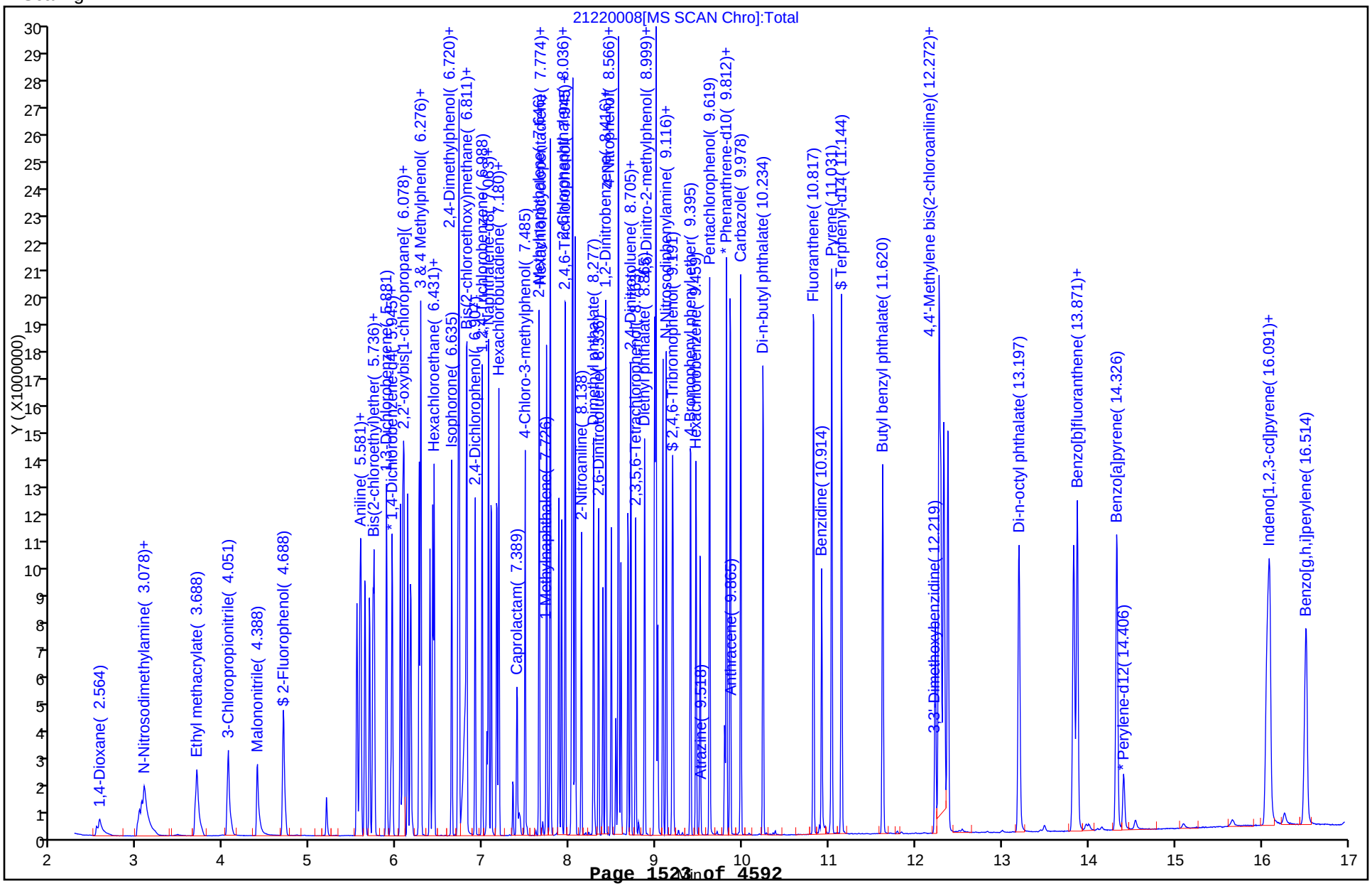
Report Date: 21-Dec-2012 09:01:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

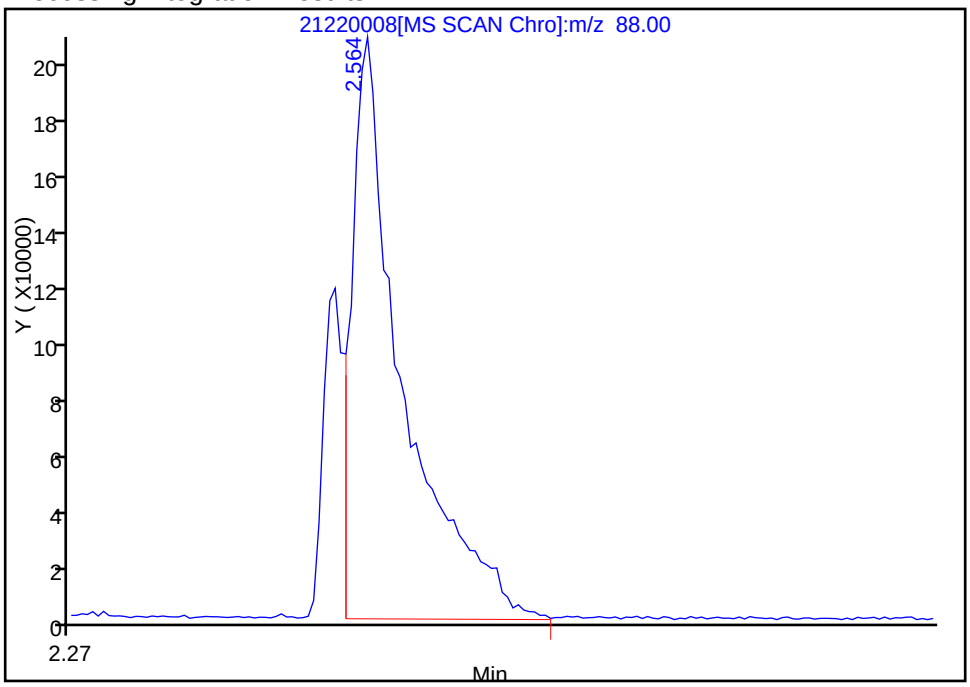
TestAmerica Canton

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

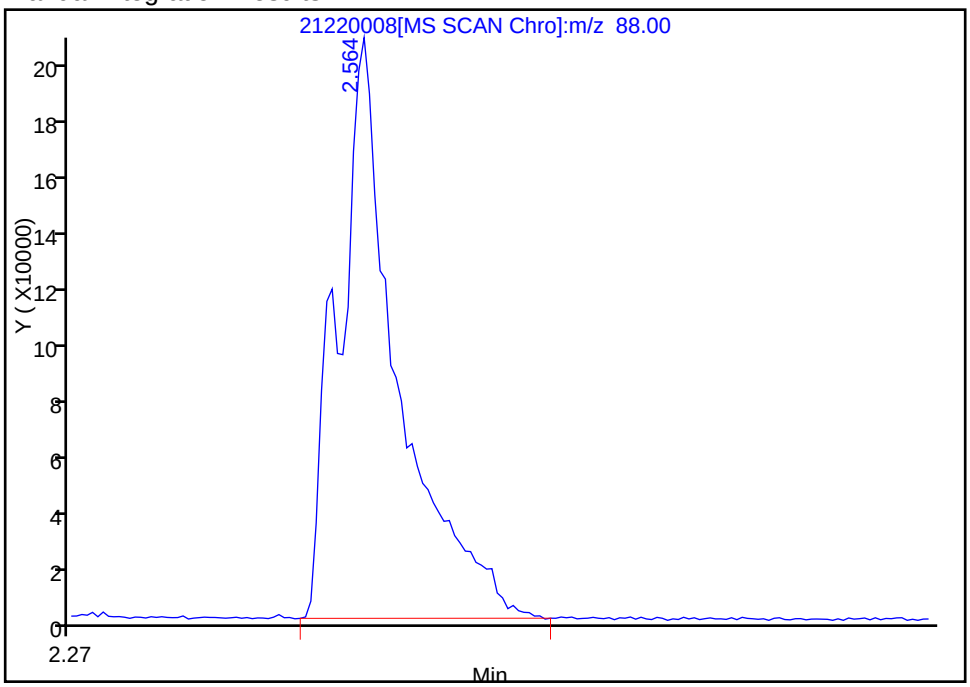
Processing Integration Results

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

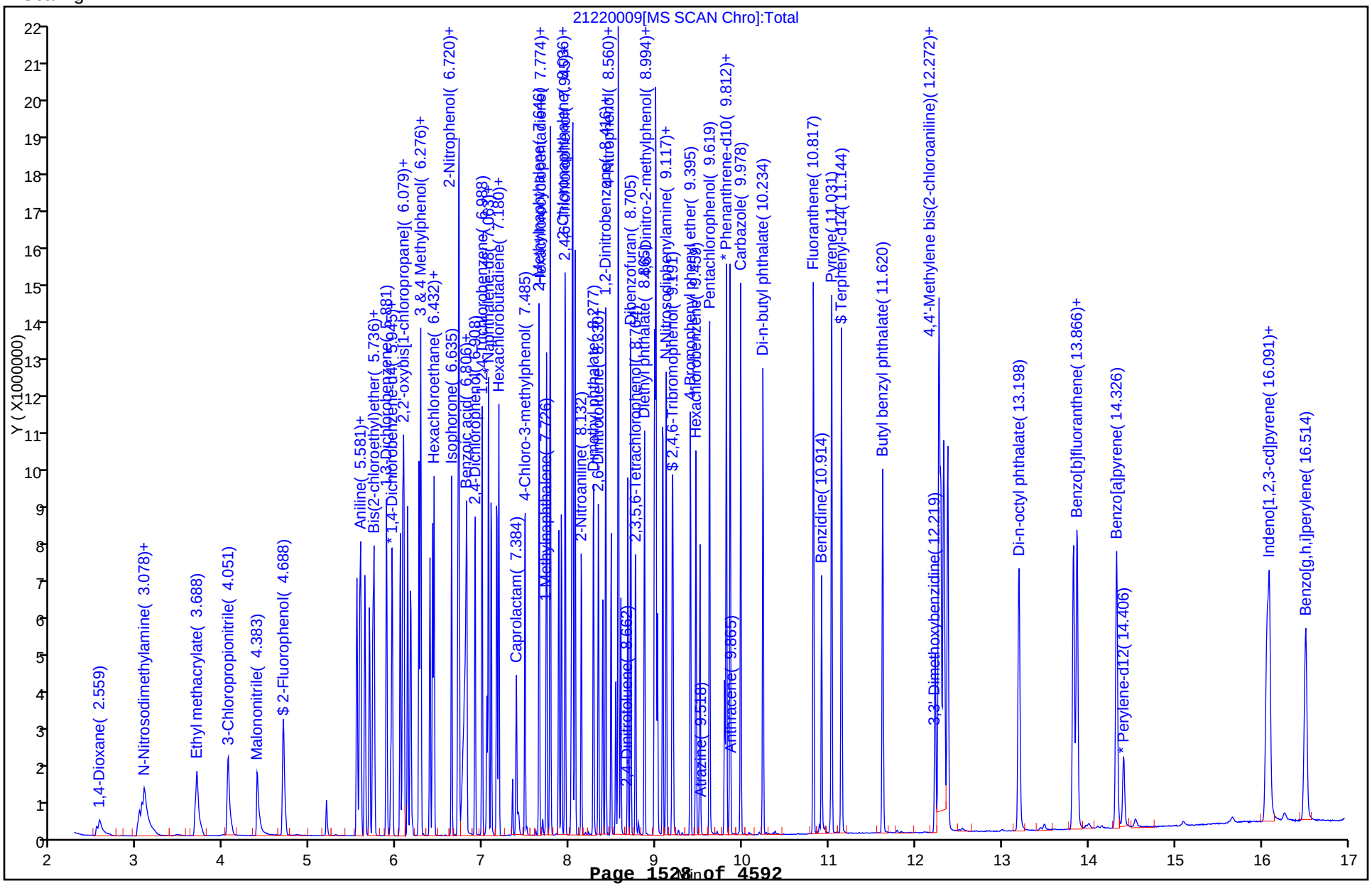
Report Date: 21-Dec-2012 09:01:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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

Y Scaling:



Manual Integration/User Assign Peak Report

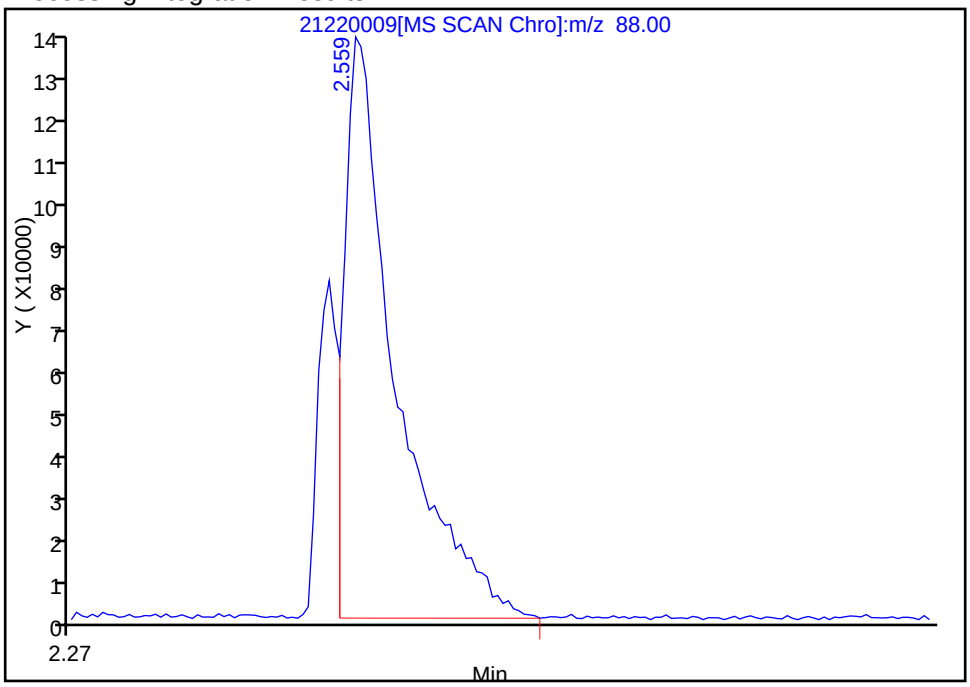
TestAmerica Canton

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

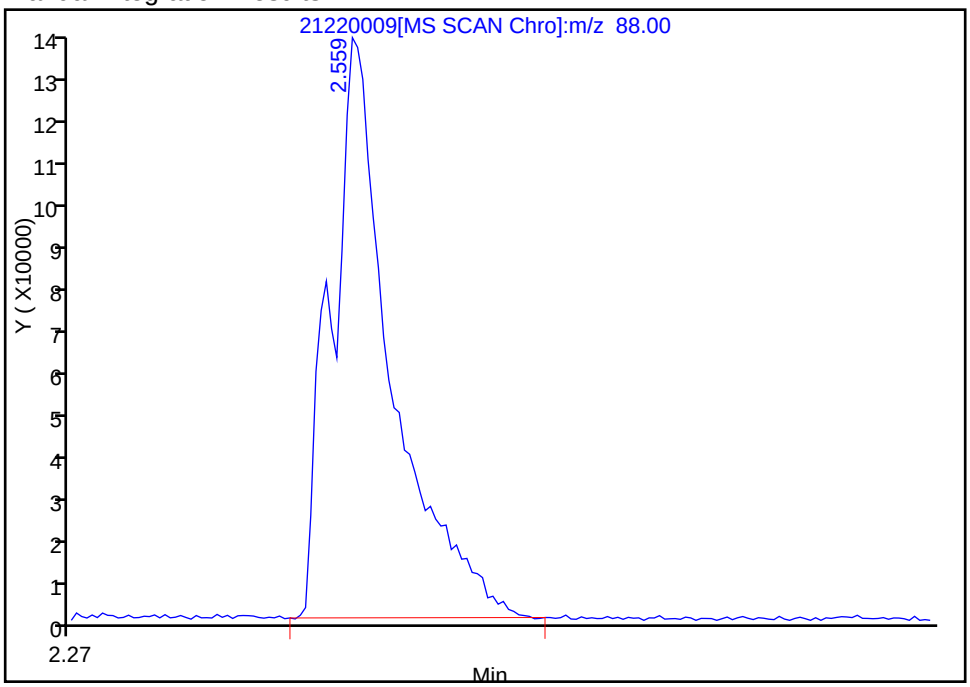
Processing Integration Results

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

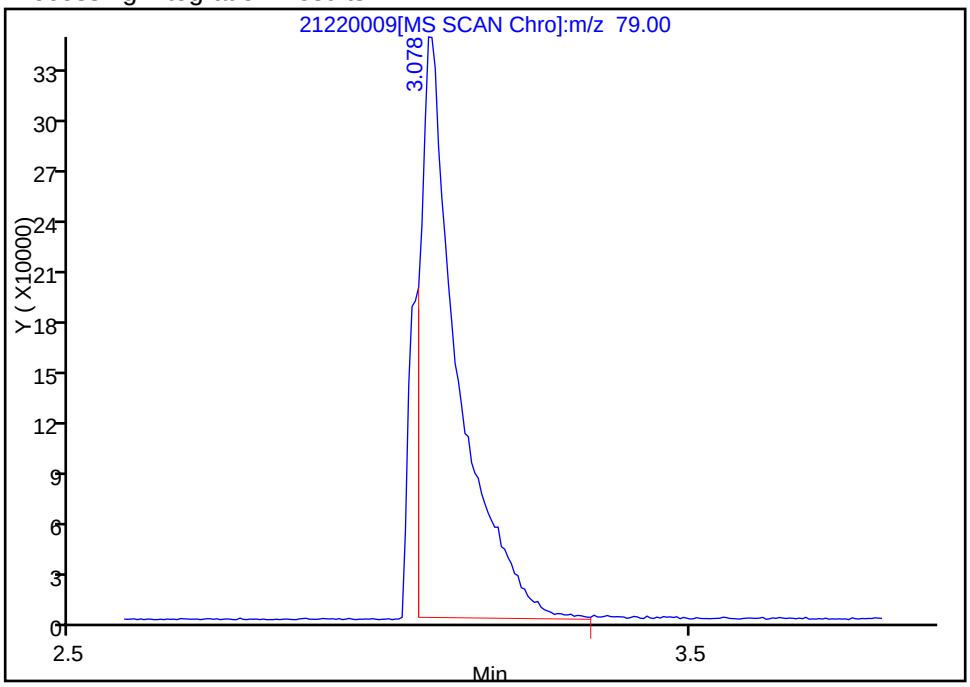
TestAmerica Canton

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

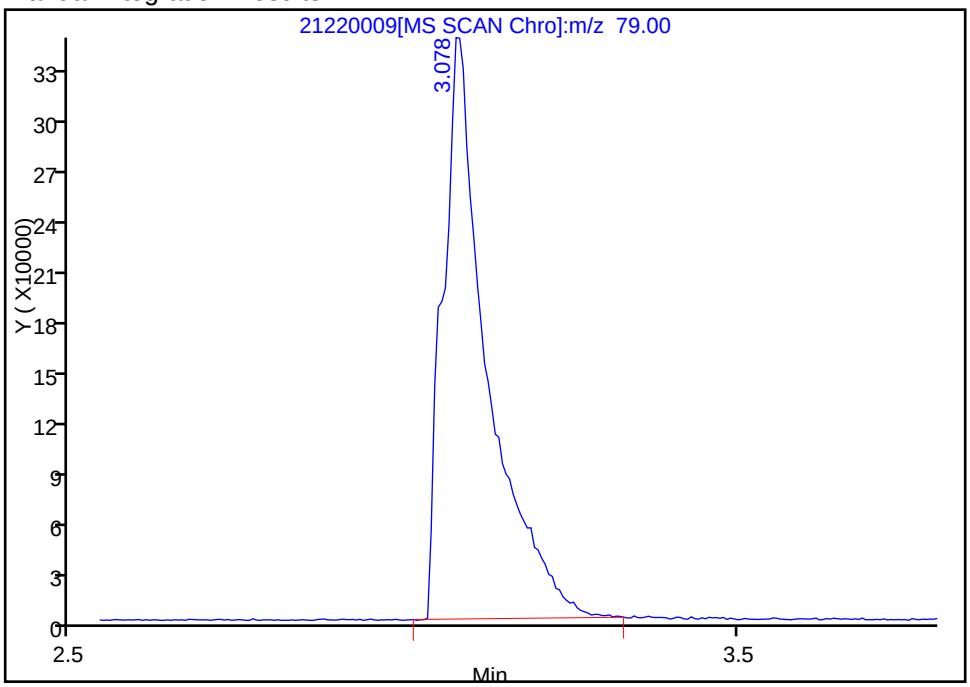
Processing Integration Results

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

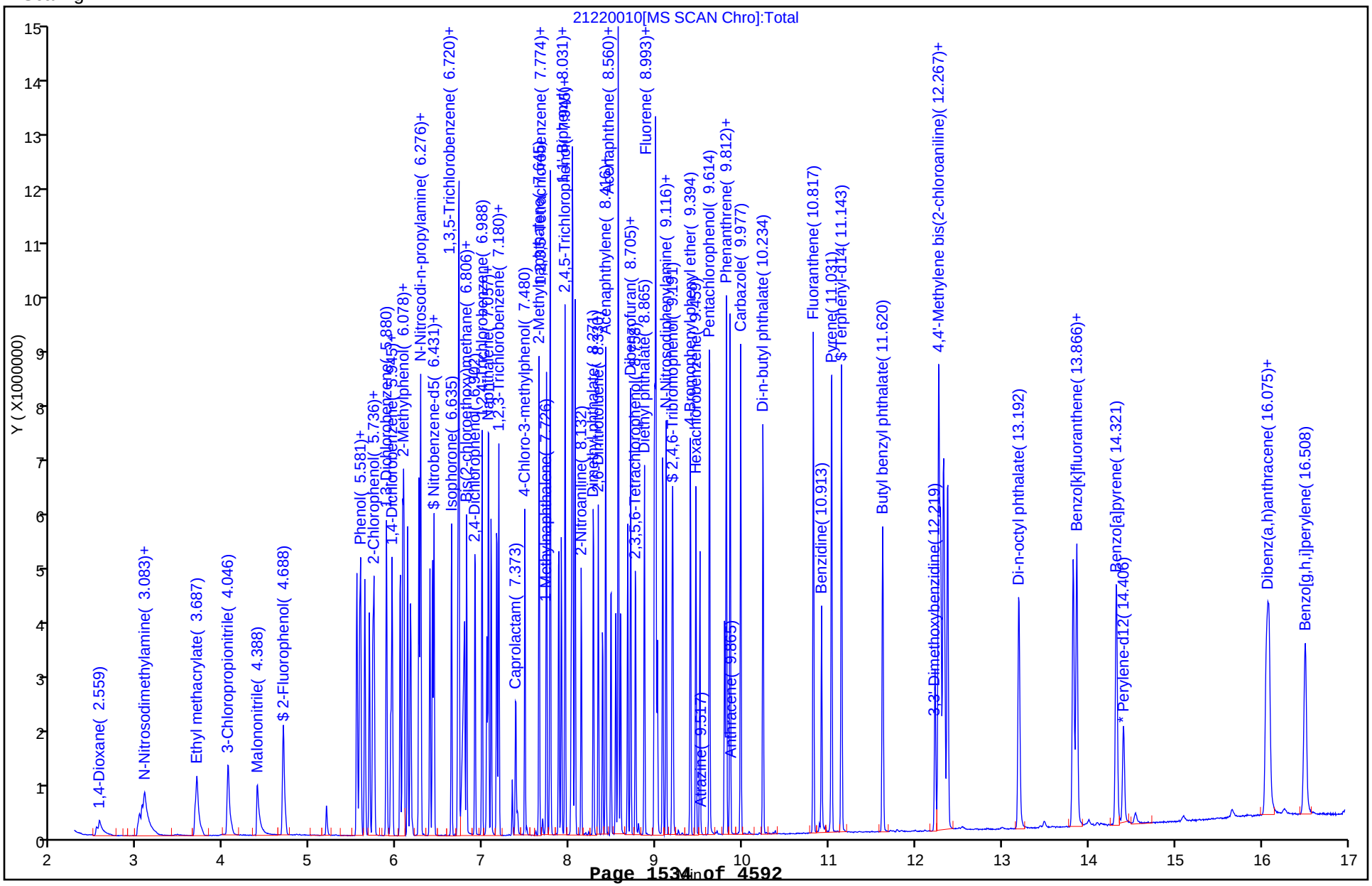
Report Date: 21-Dec-2012 09:01:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

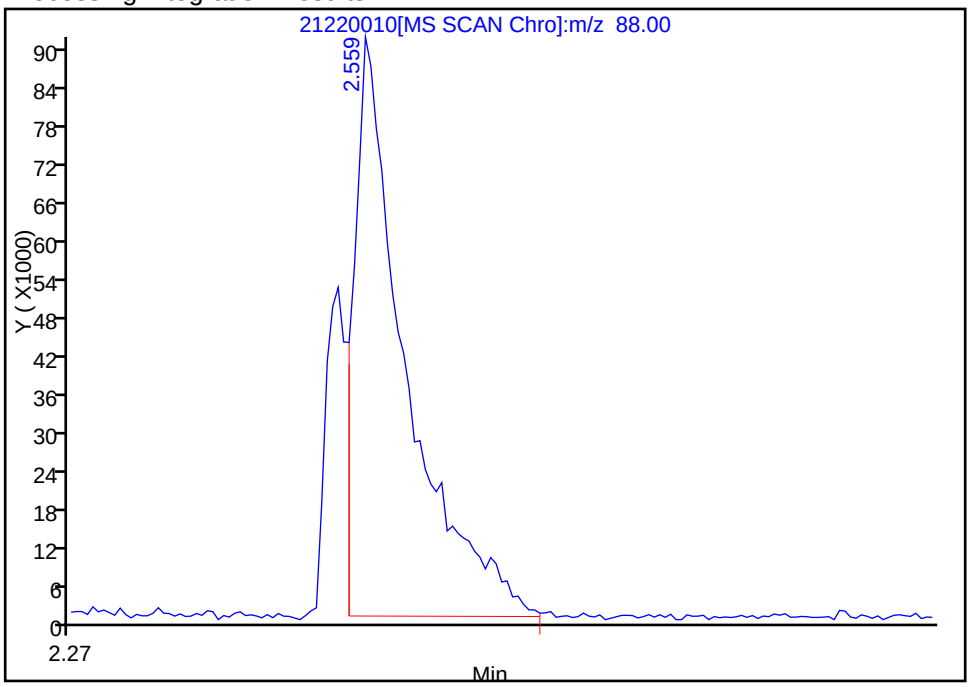
TestAmerica Canton

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

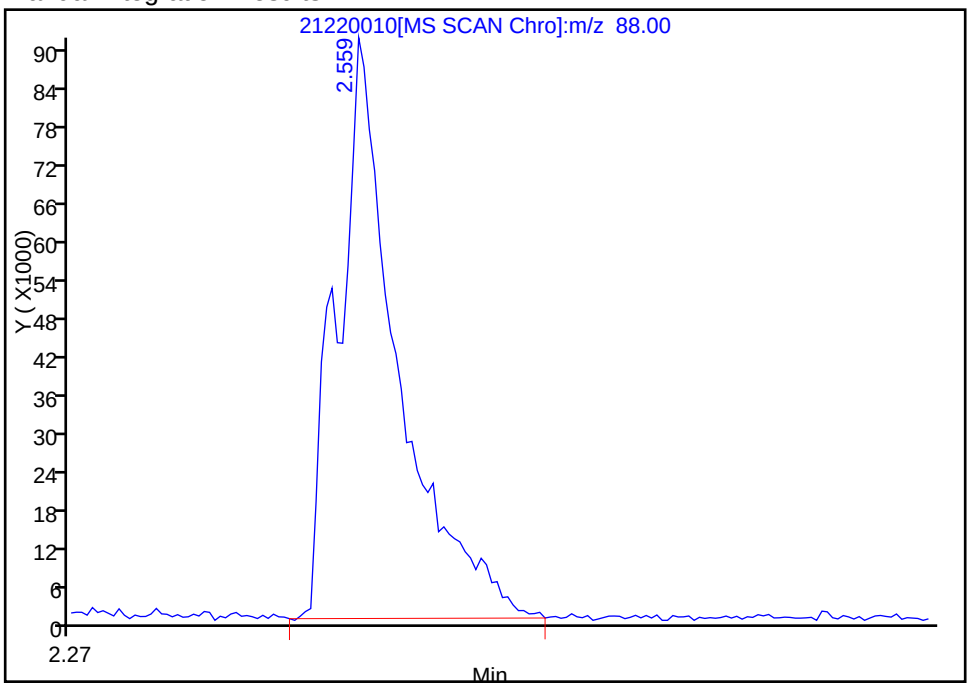
Processing Integration Results

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

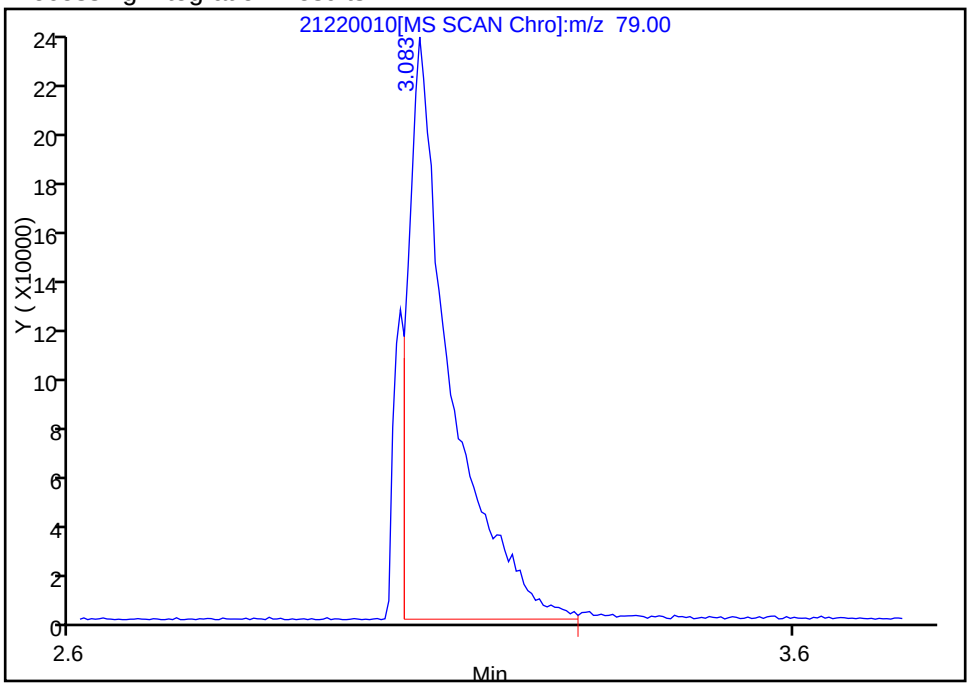
TestAmerica Canton

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

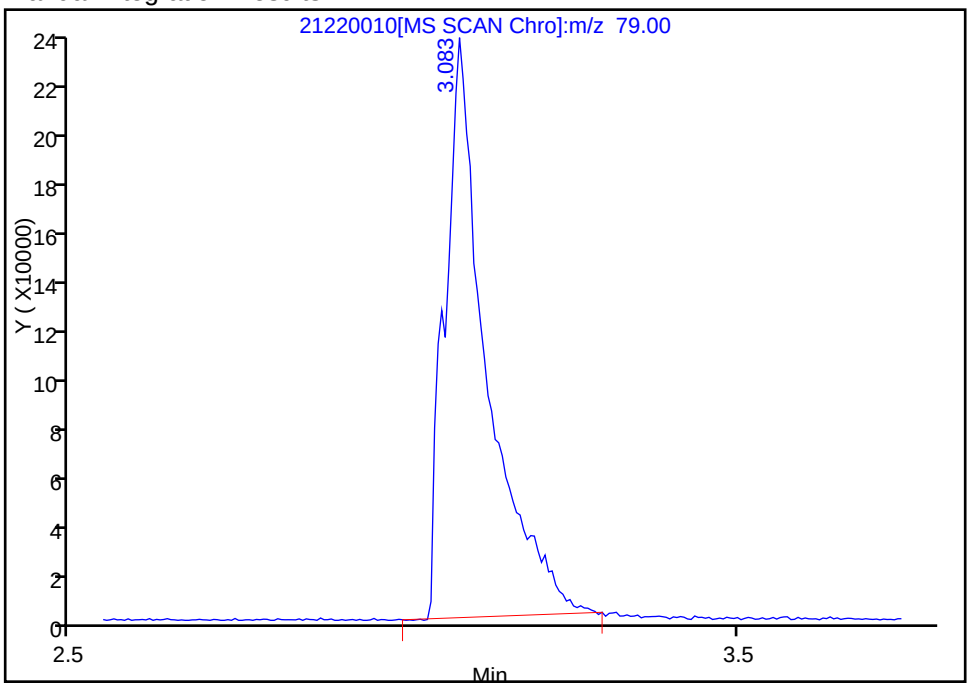
Processing Integration Results

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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

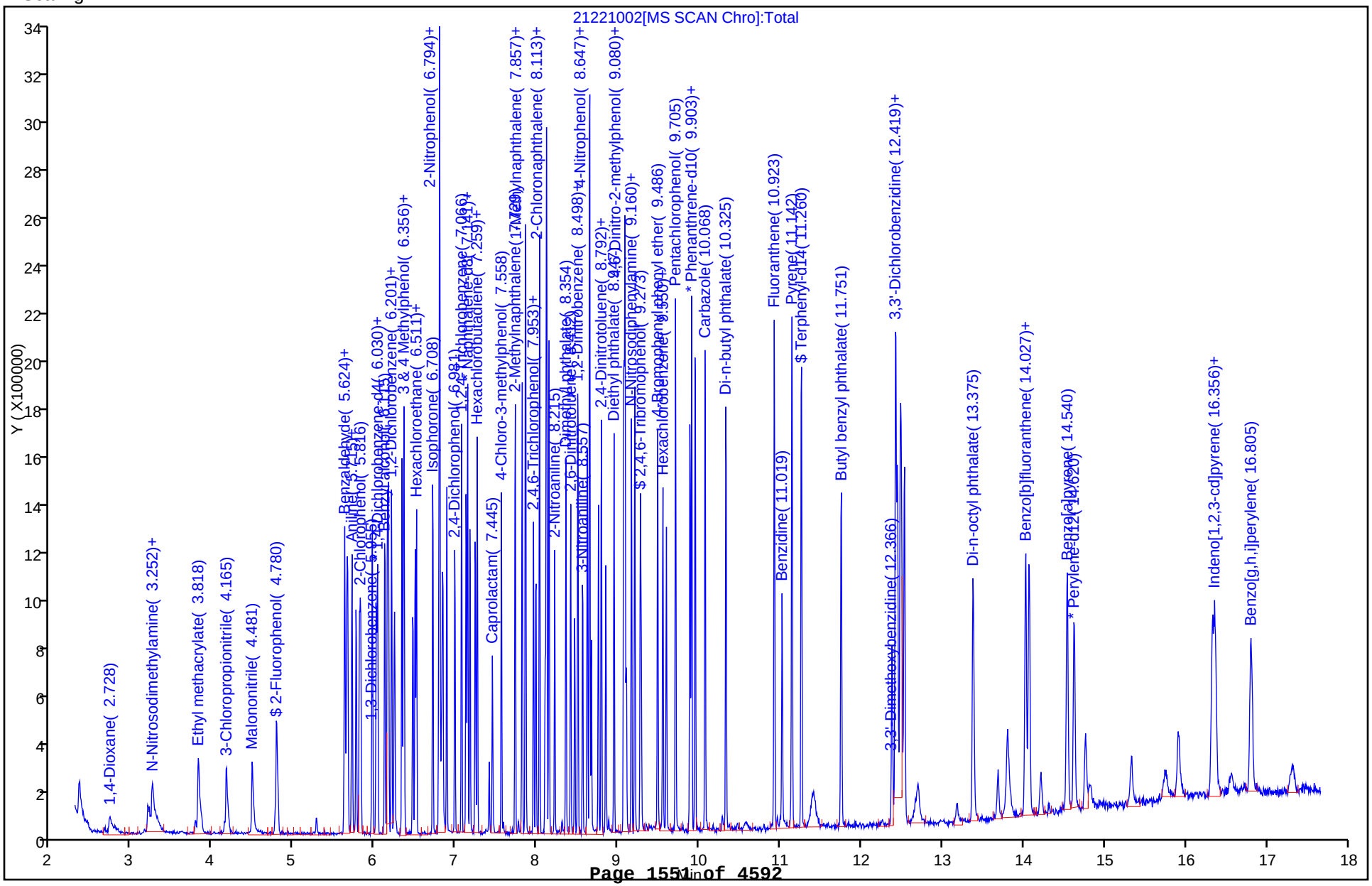
Report Date: 22-Dec-2012 11:07:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

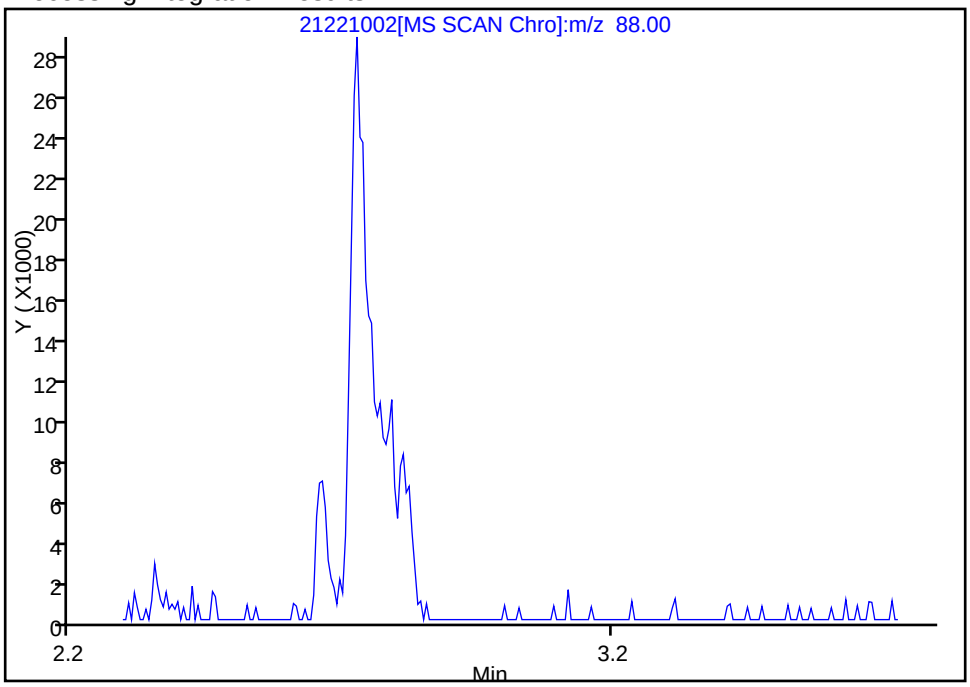
TestAmerica Canton

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

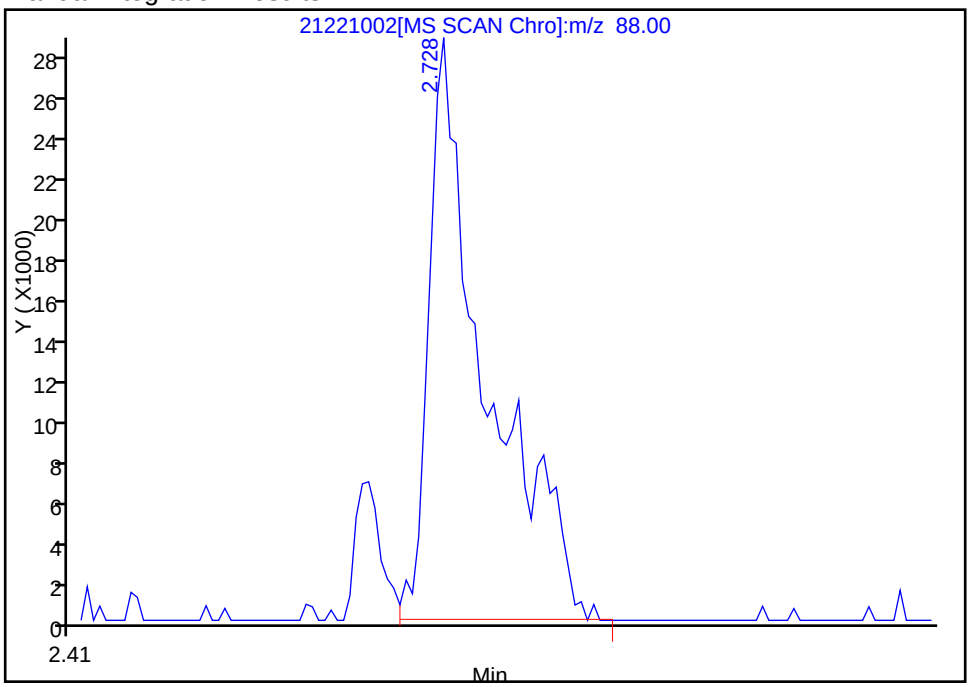
Processing Integration Results

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

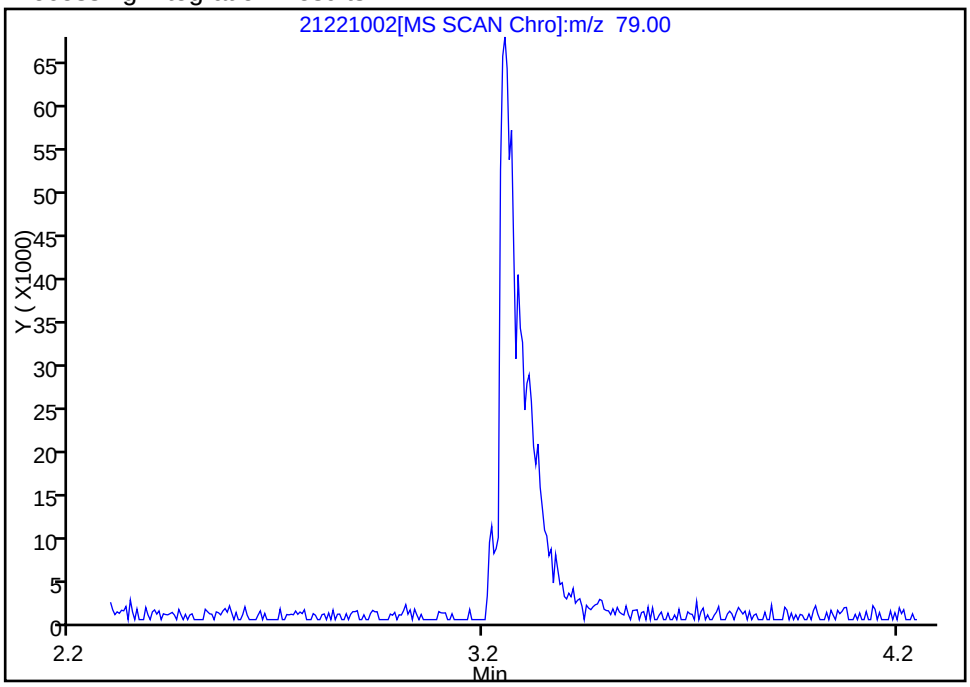
TestAmerica Canton

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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

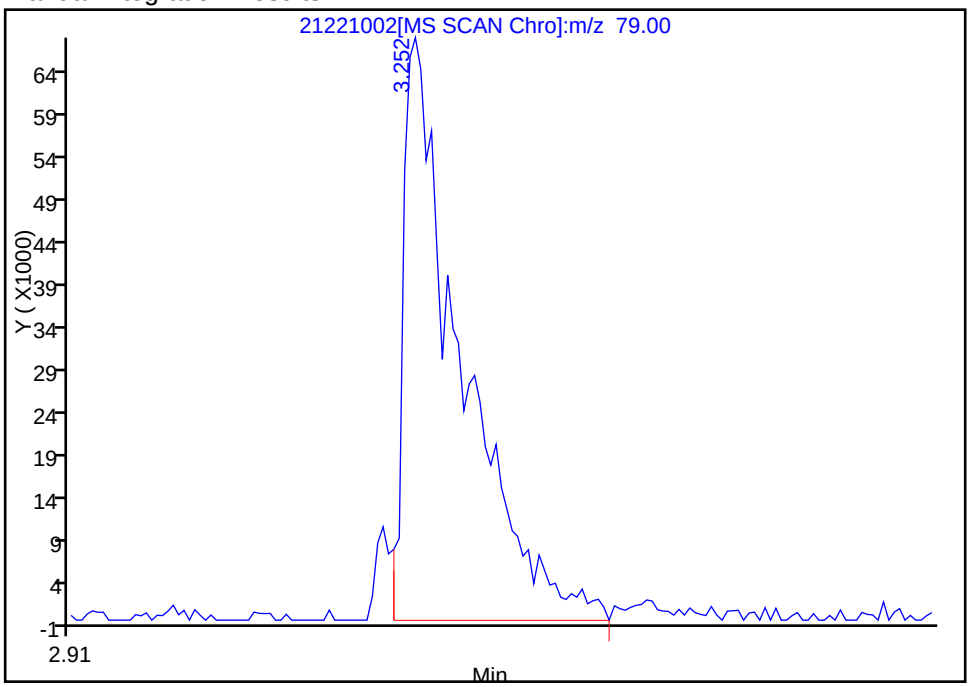
Processing Integration Results

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

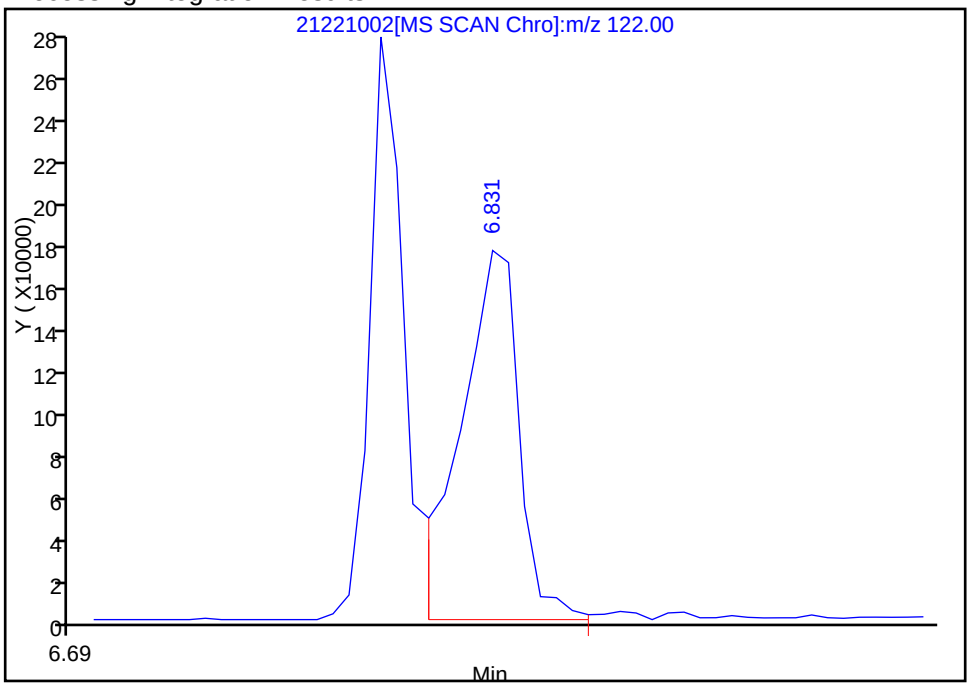
TestAmerica Canton

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

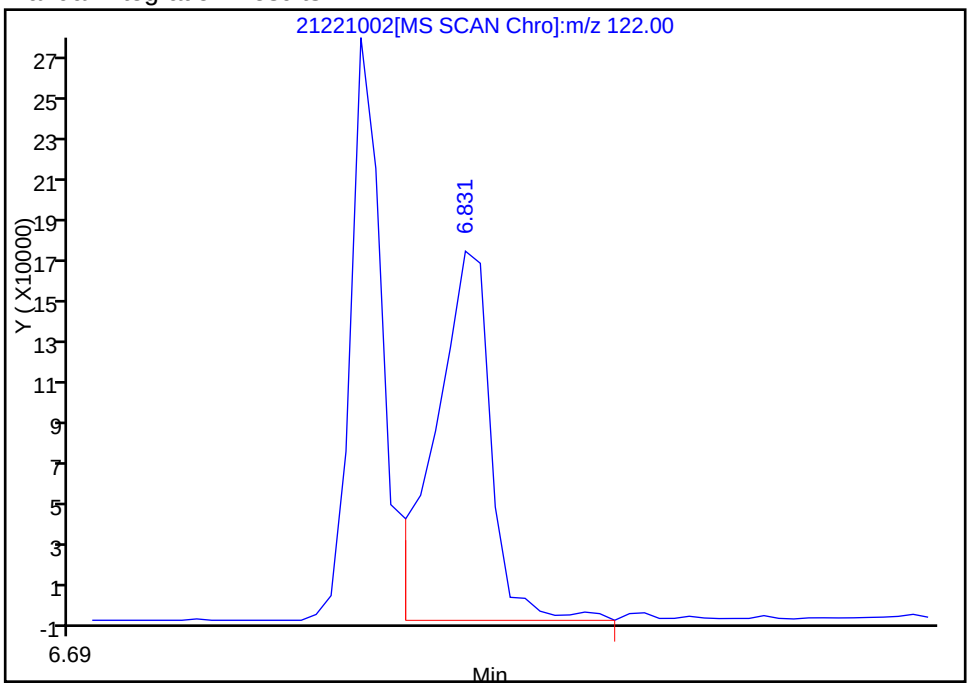
Processing Integration Results

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

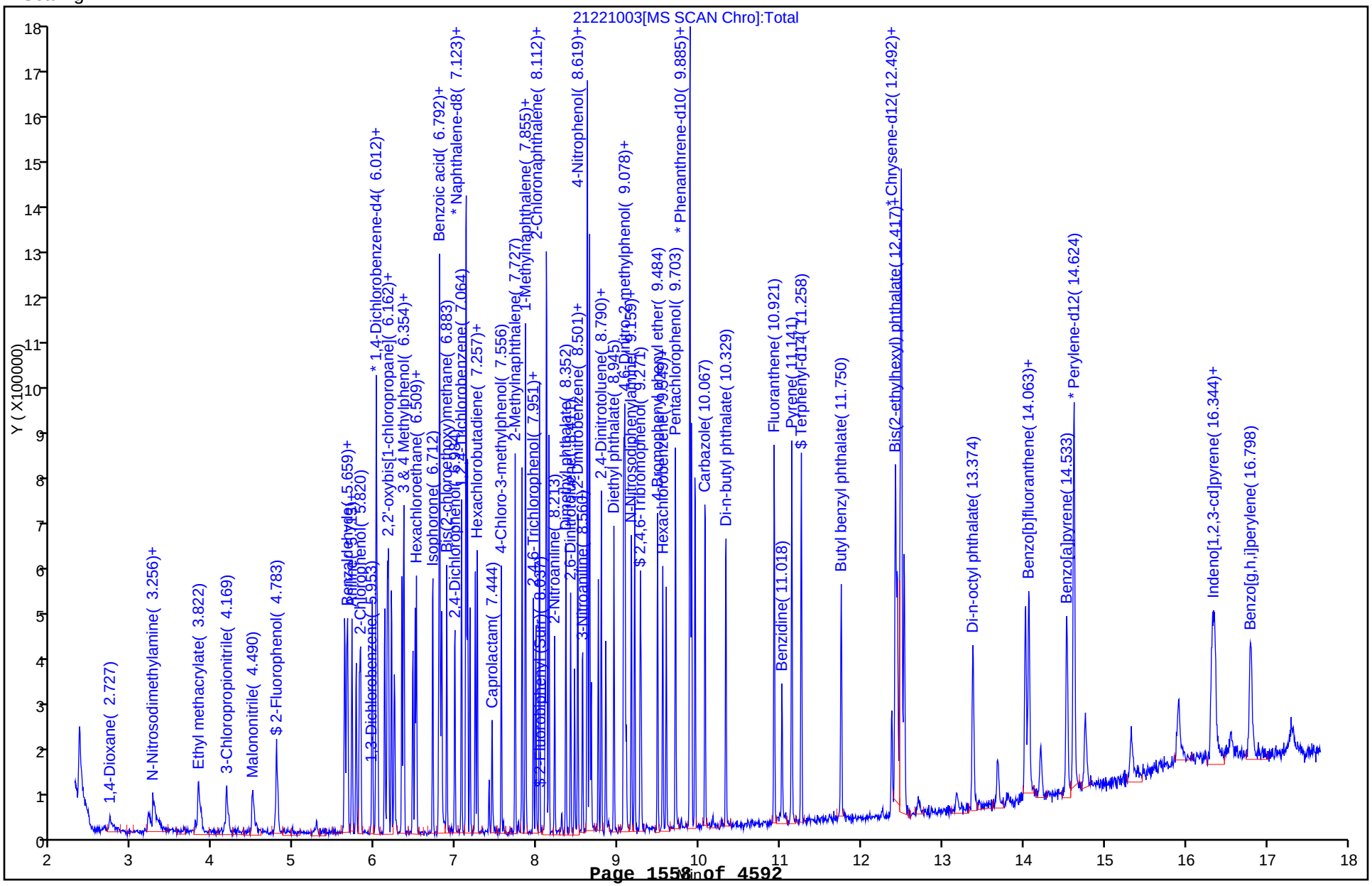
Report Date: 22-Dec-2012 11:07:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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

Y Scaling:



Manual Integration/User Assign Peak Report

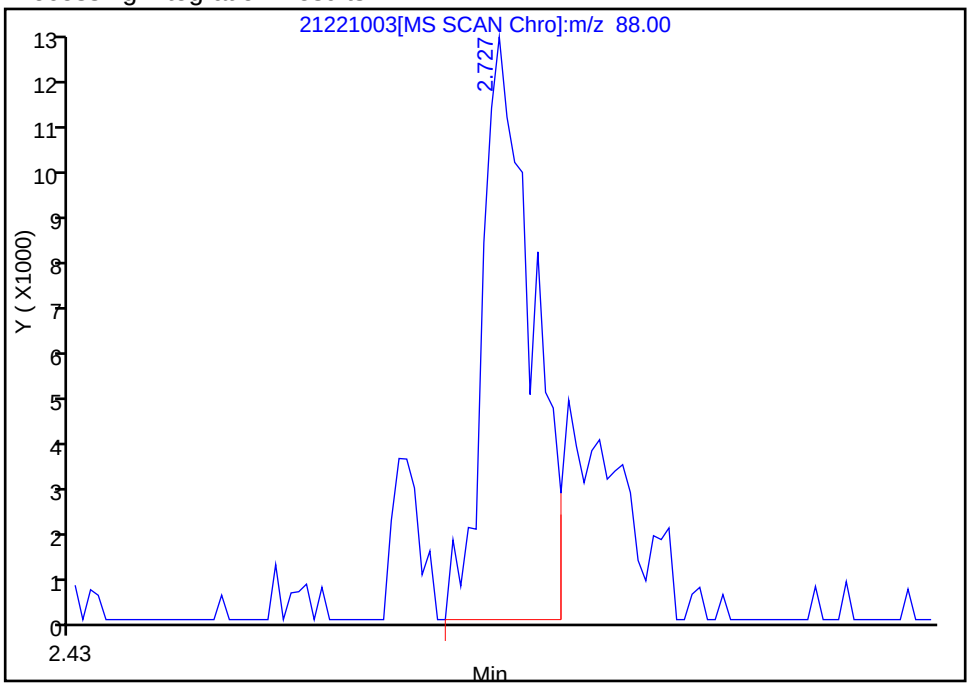
TestAmerica Canton

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

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.73

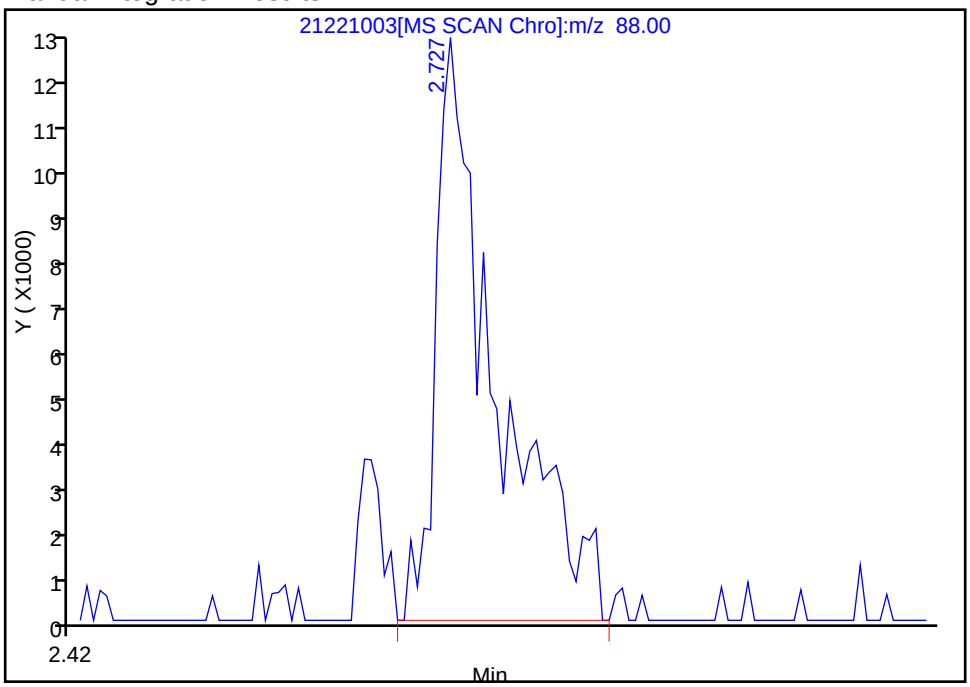
Processing Integration Results

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

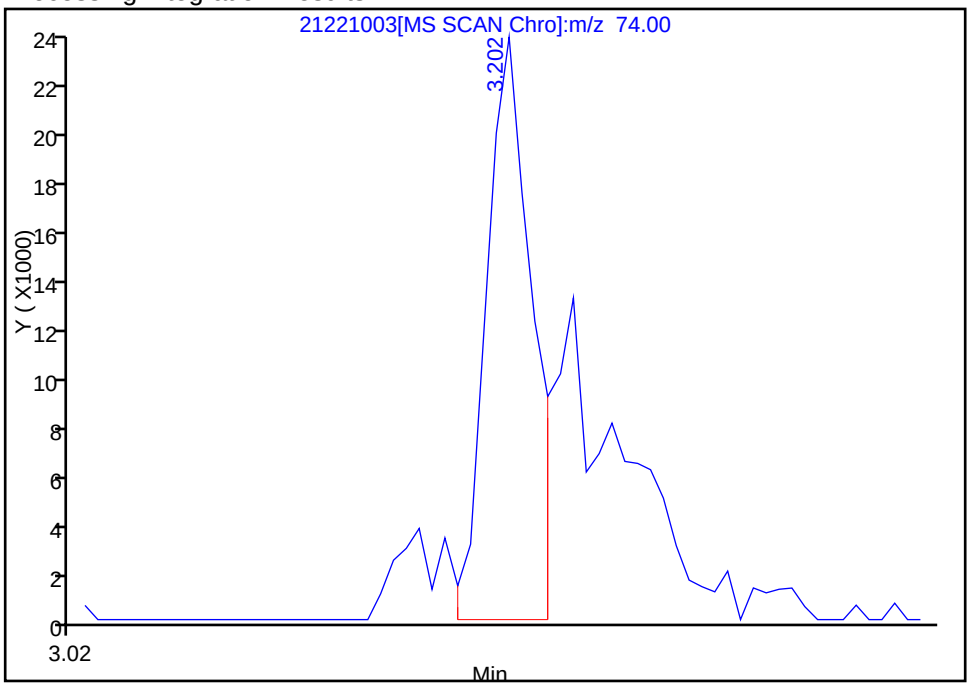
TestAmerica Canton

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

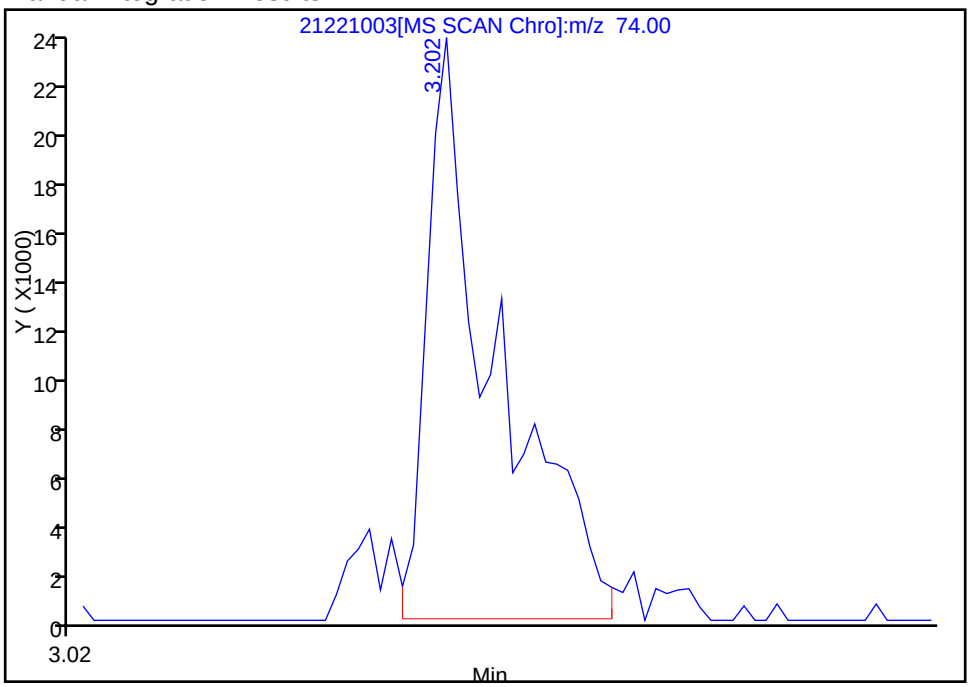
Processing Integration Results

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

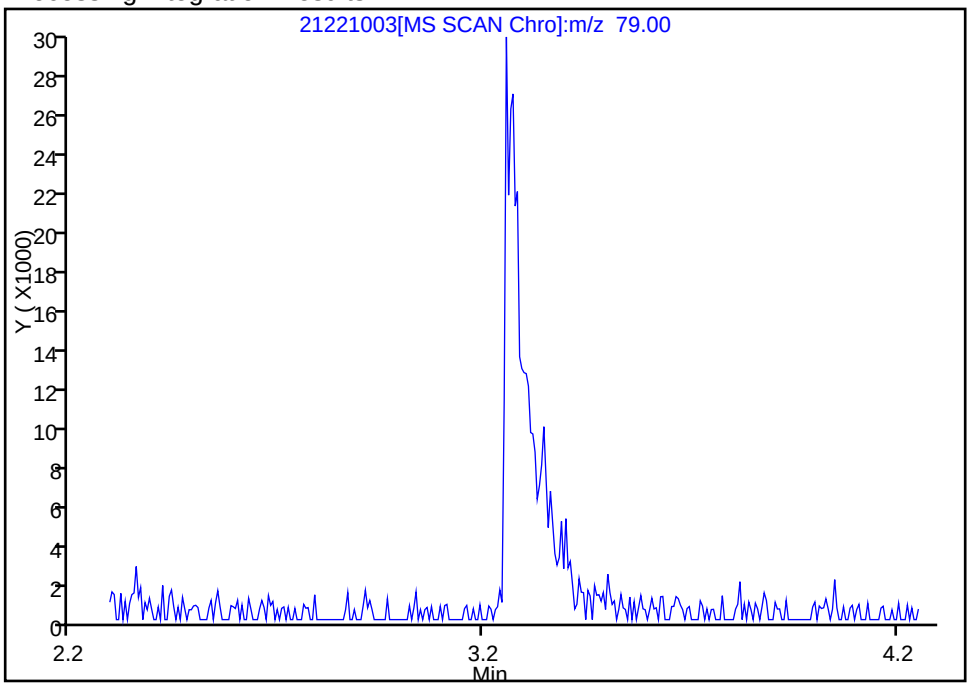
TestAmerica Canton

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

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.25

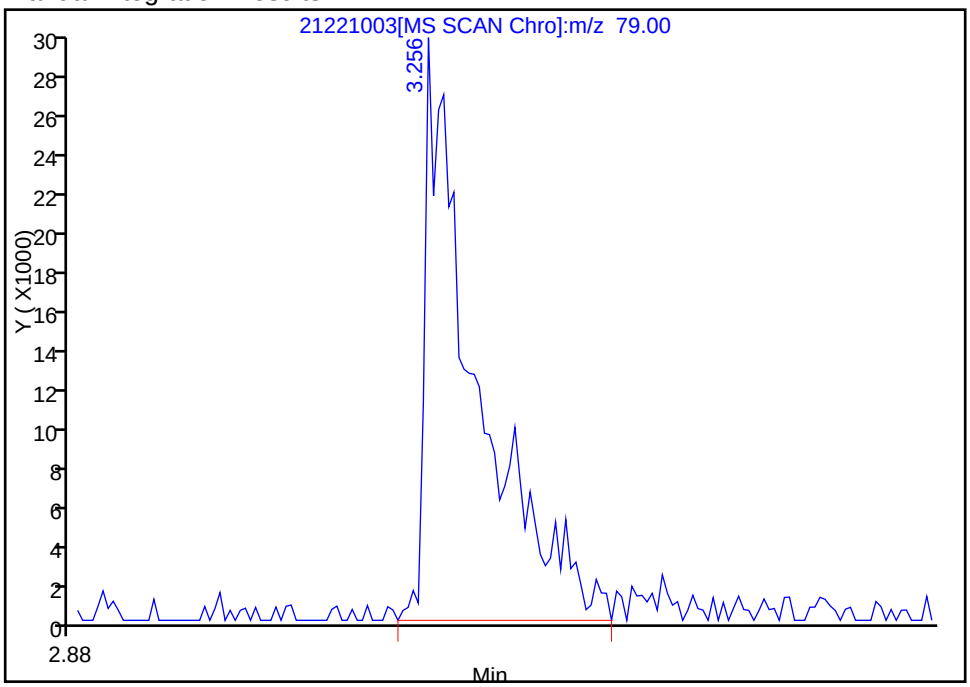
Processing Integration Results

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

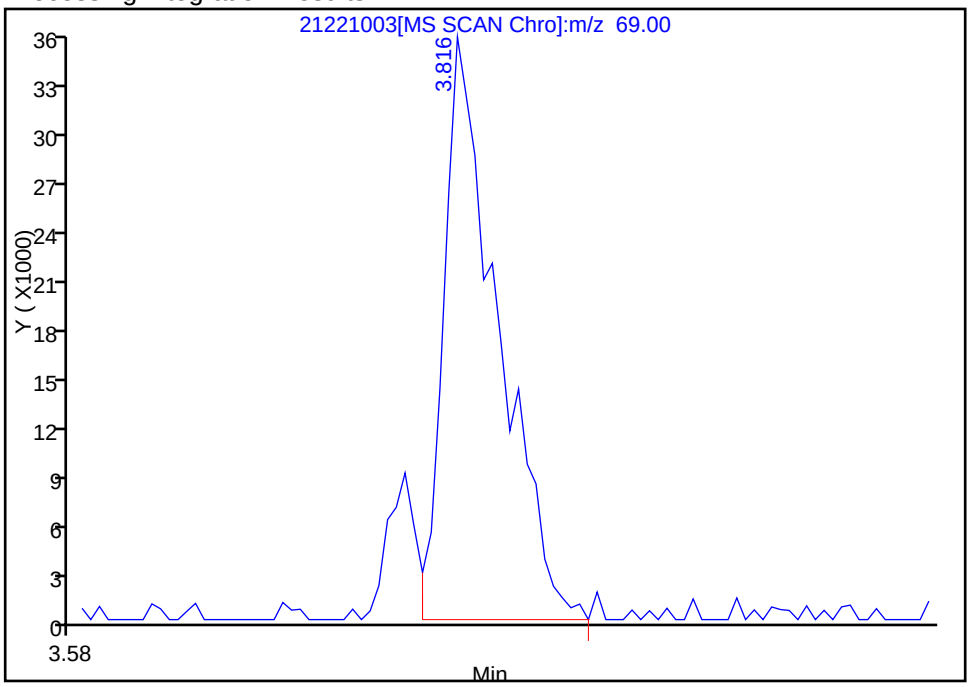
TestAmerica Canton

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

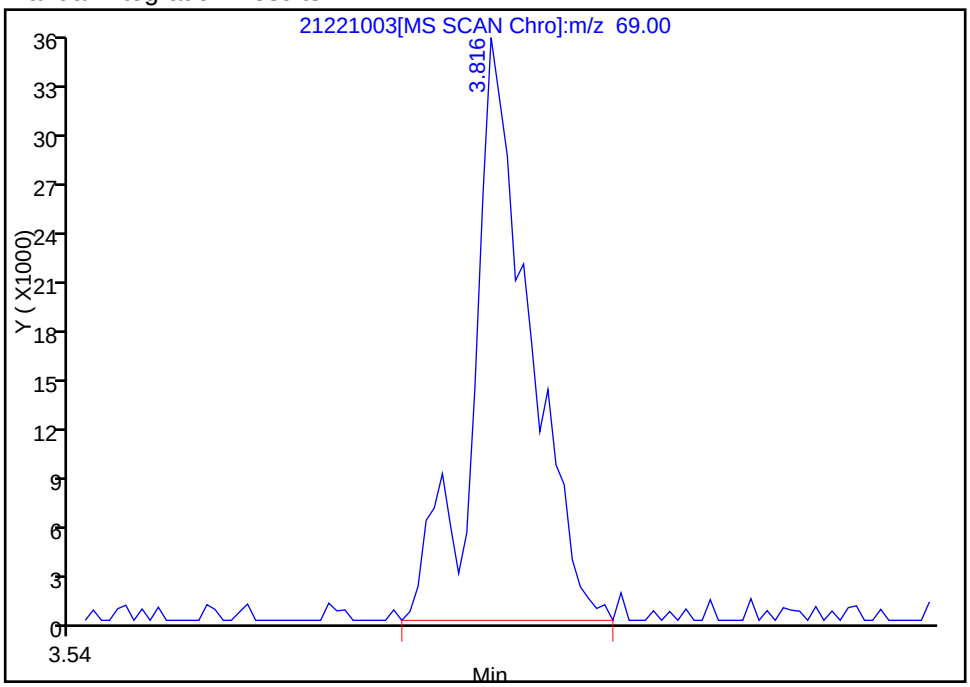
Processing Integration Results

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

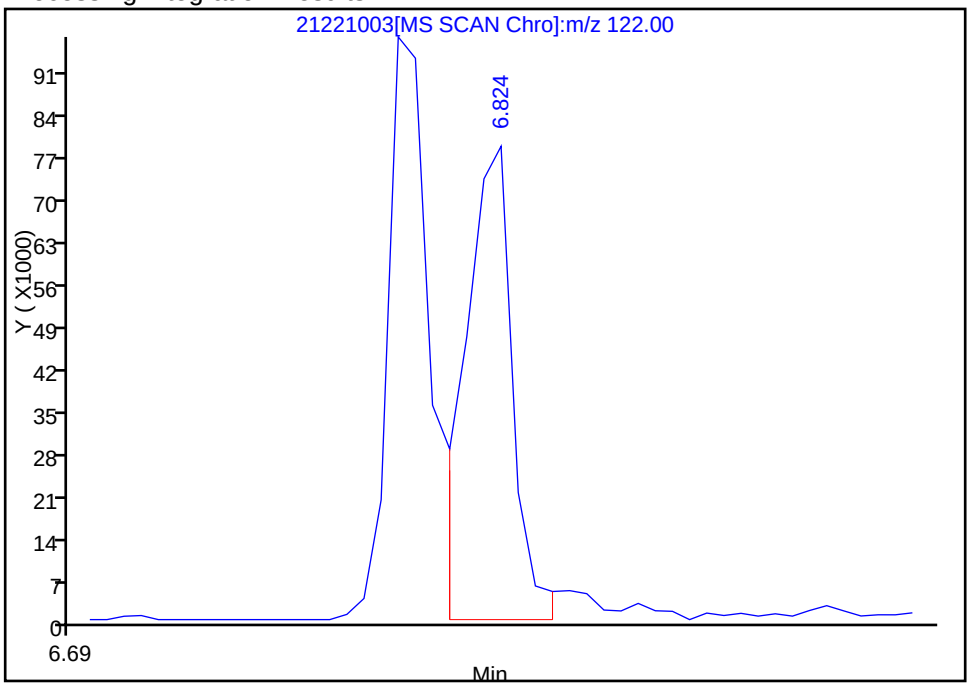
TestAmerica Canton

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

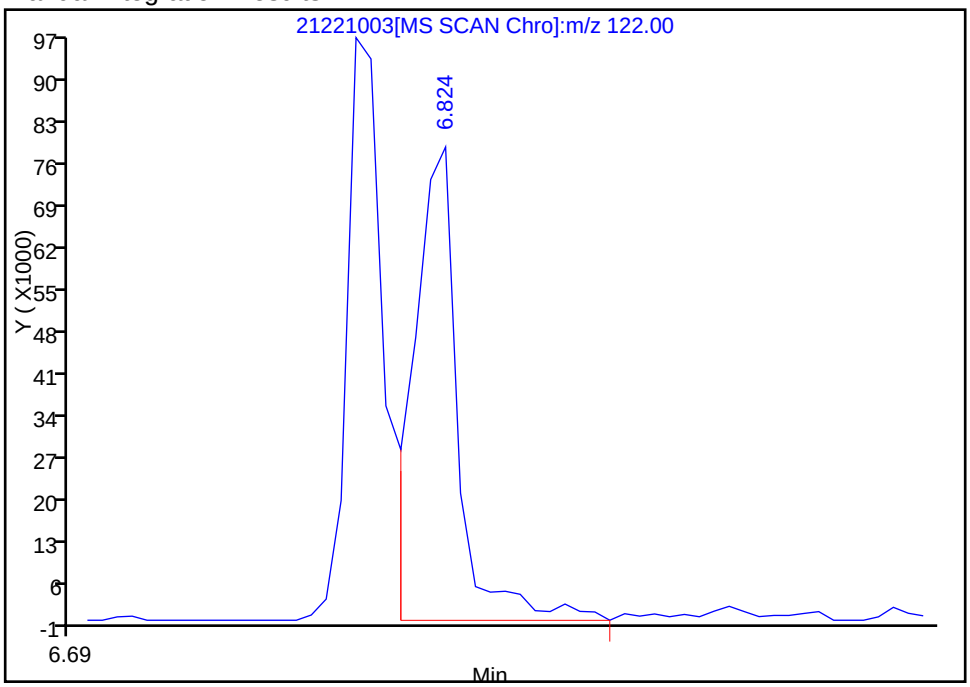
Processing Integration Results

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

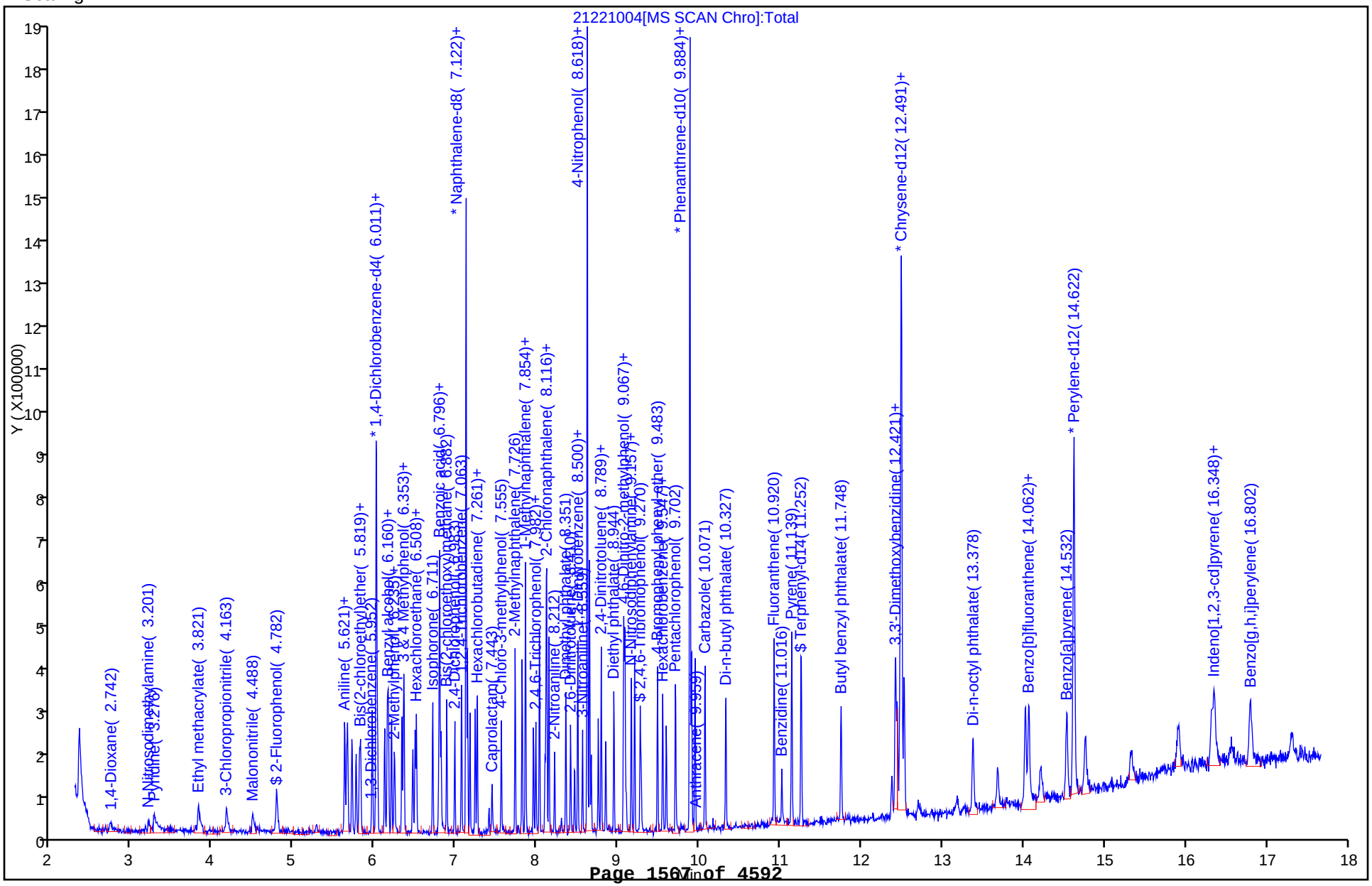
Report Date: 22-Dec-2012 11:07:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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:



Manual Integration/User Assign Peak Report

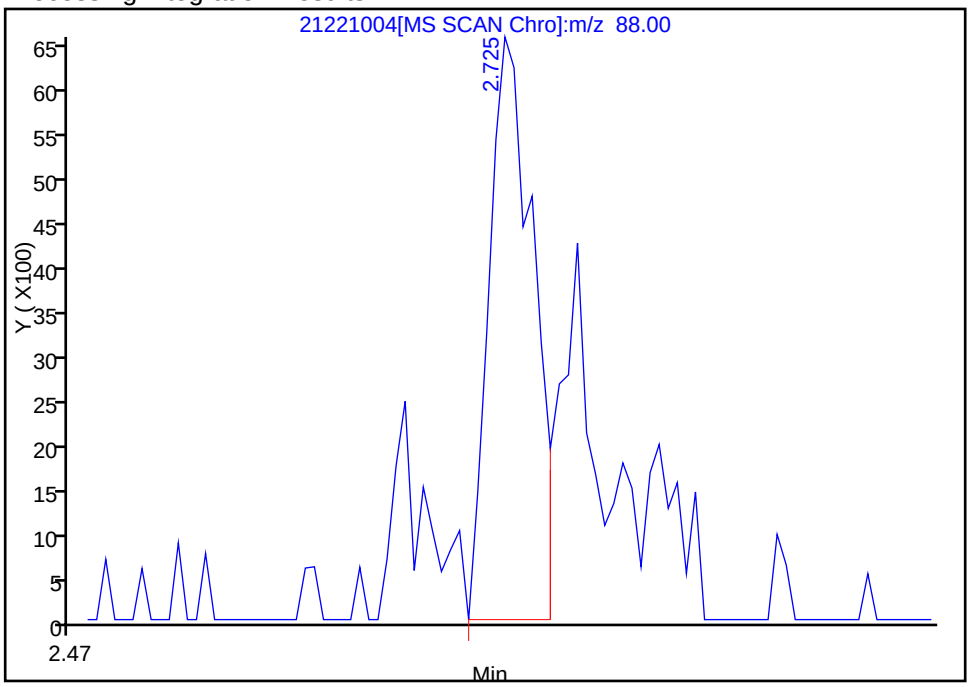
TestAmerica Canton

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

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.73

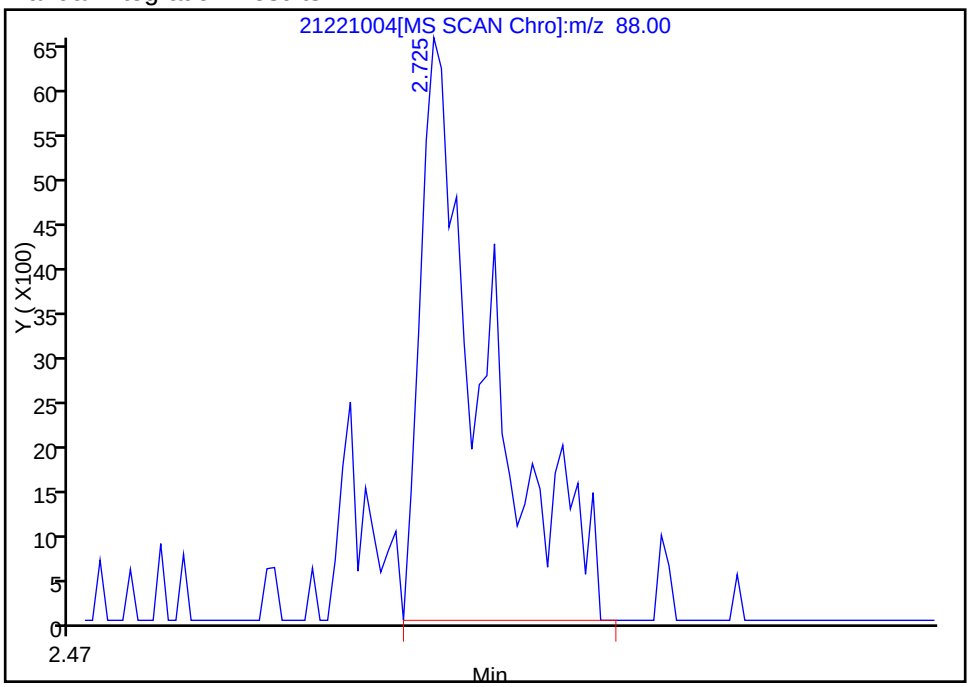
Processing Integration Results

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

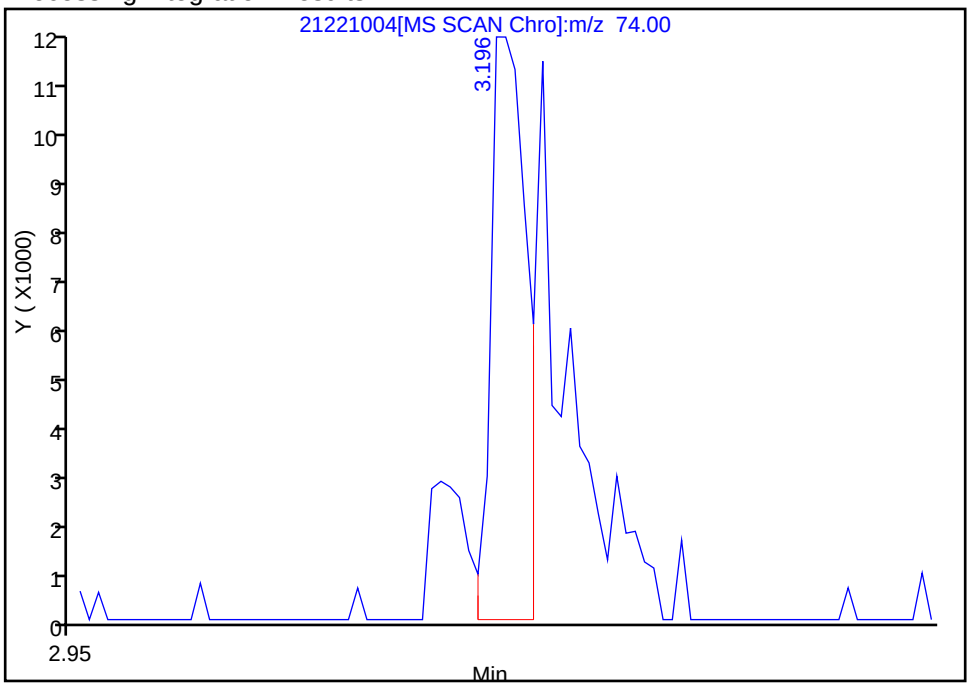
TestAmerica Canton

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

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.19

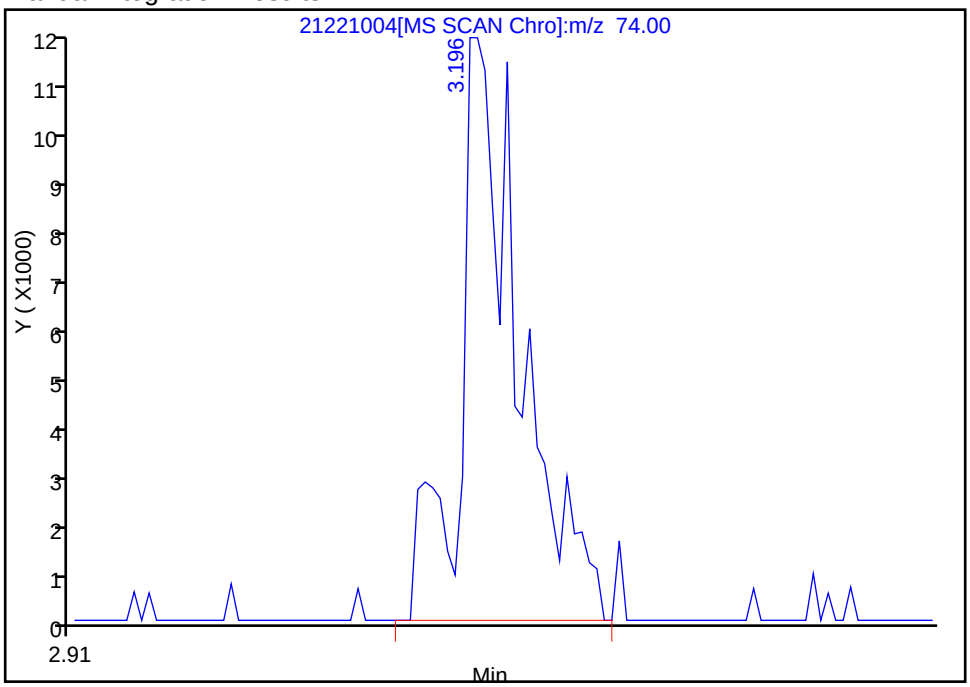
Processing Integration Results

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

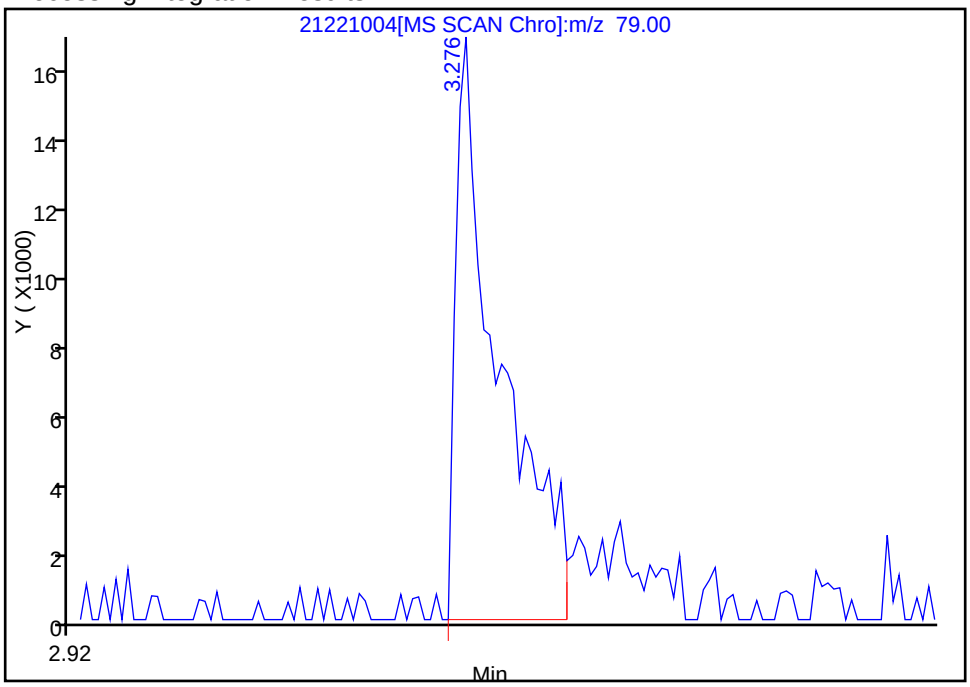
TestAmerica Canton

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

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.25

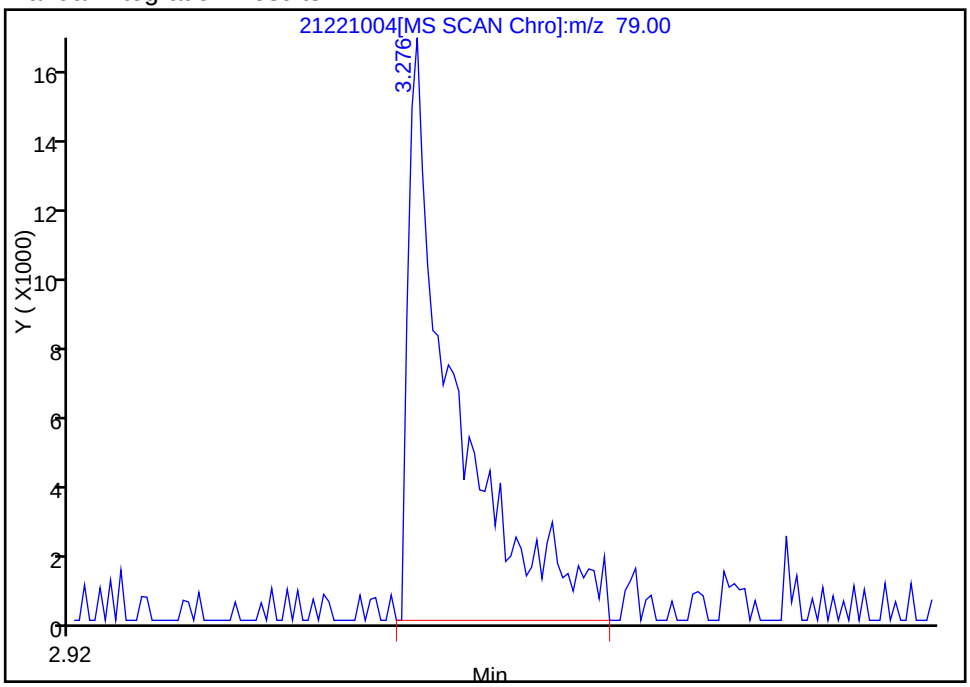
Processing Integration Results

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

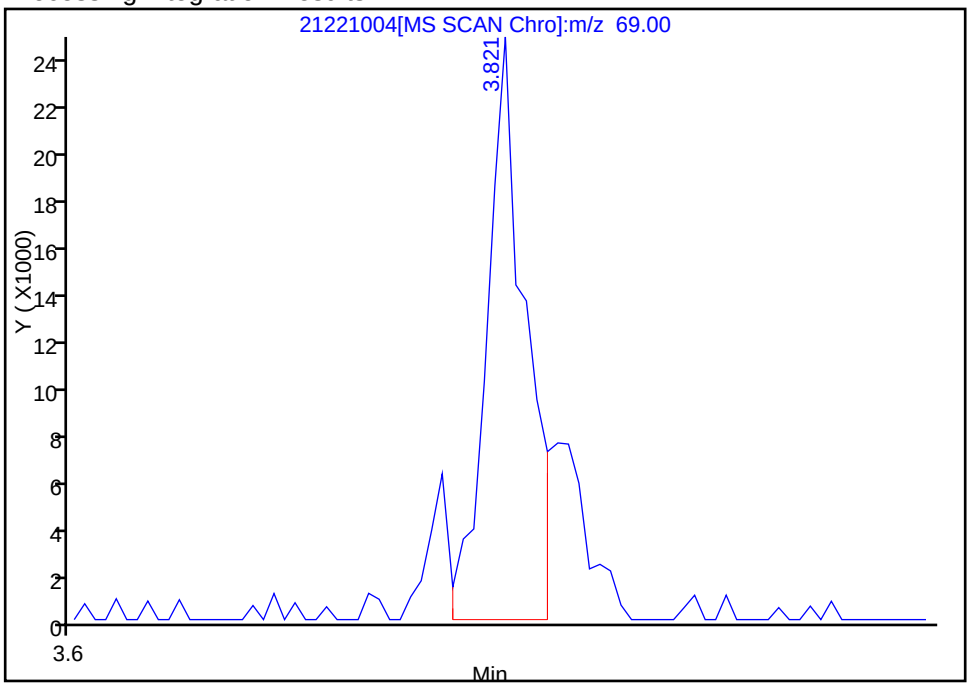
TestAmerica Canton

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

28 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.82

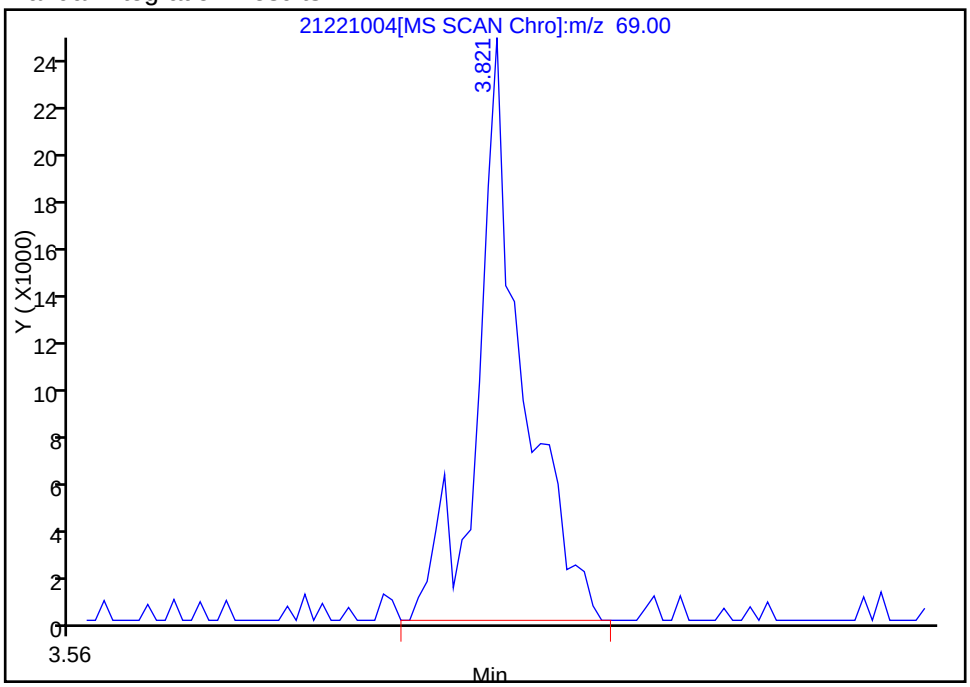
Processing Integration Results

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

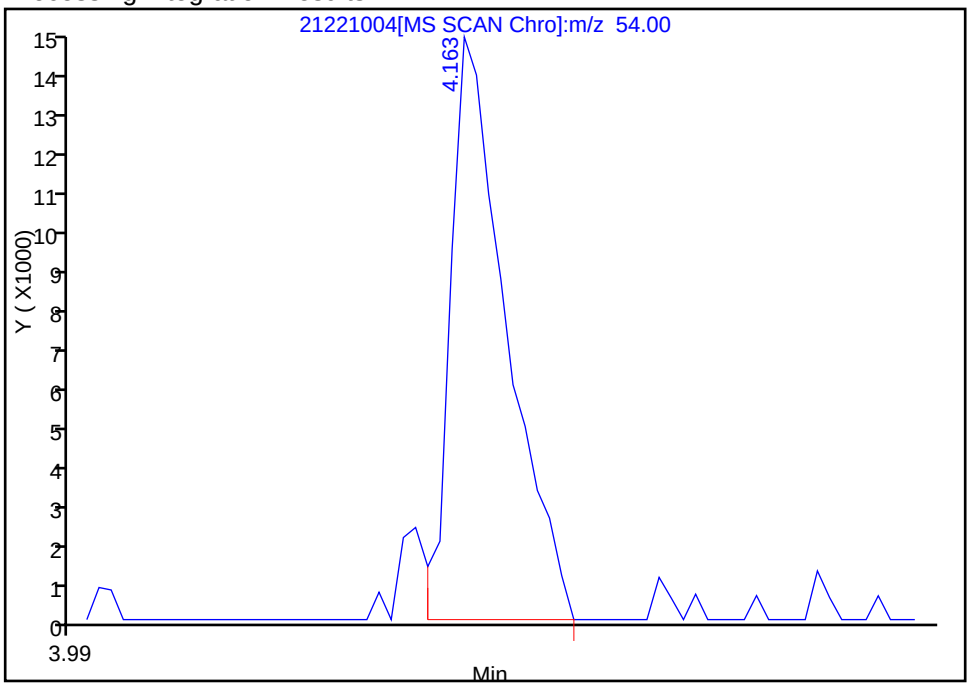
TestAmerica Canton

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

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.17

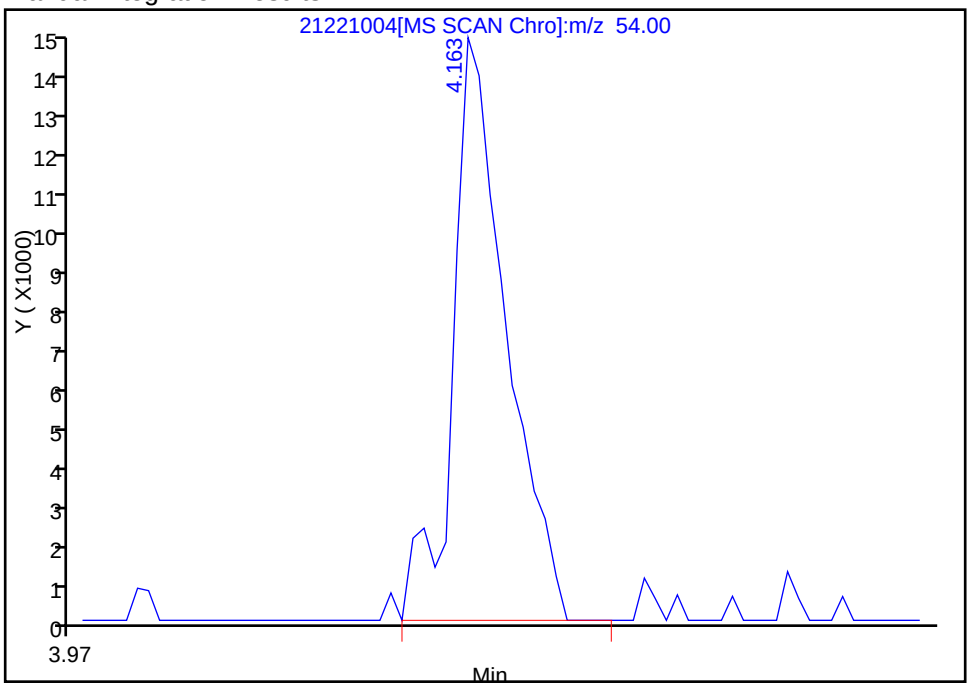
Processing Integration Results

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

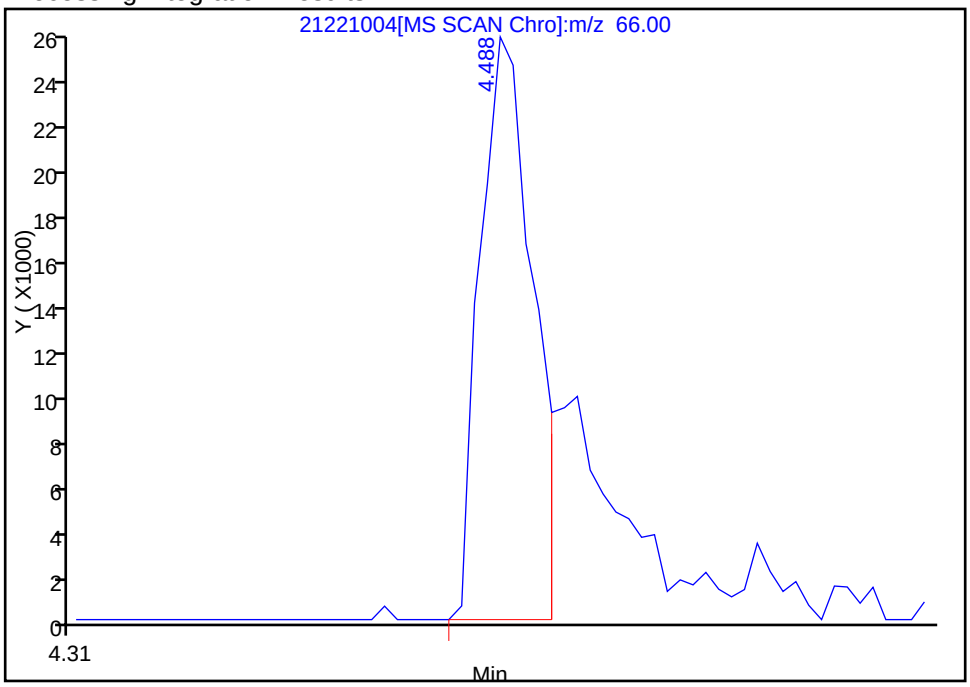
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121221-16106.b\21221004.D		
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

33 Malononitrile, Signal: 1, m/z: 66.0 Type: quant, RT: 4.48

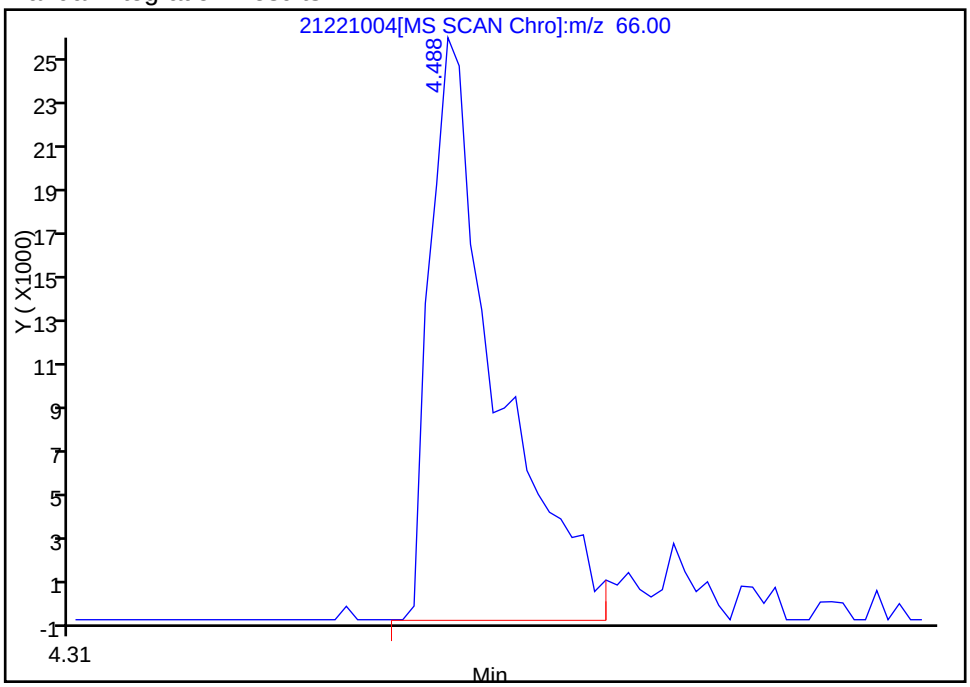
Processing Integration Results

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

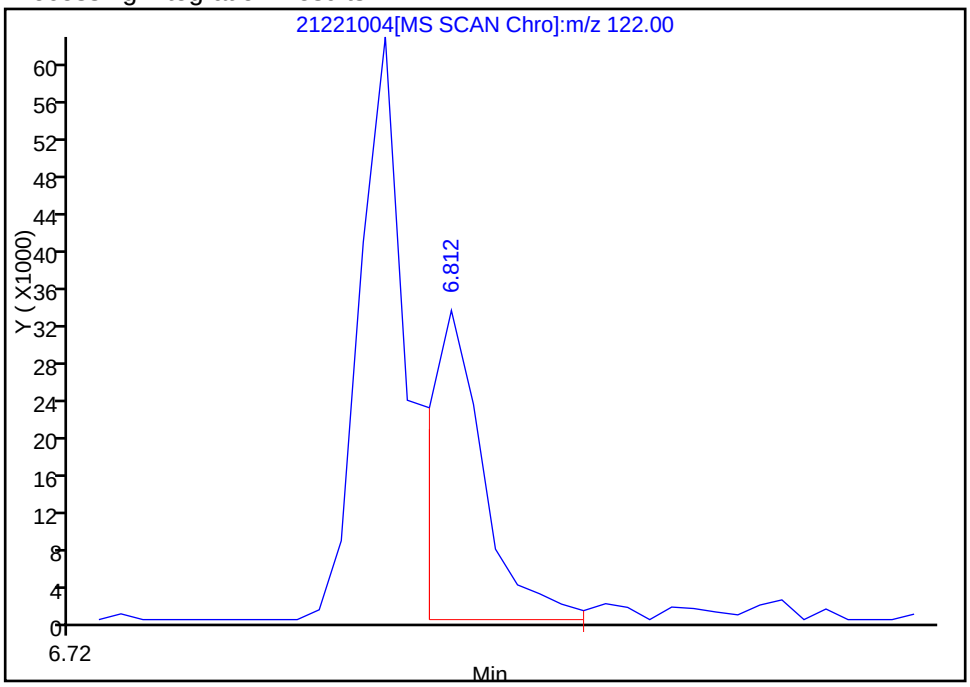
TestAmerica Canton

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

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.83

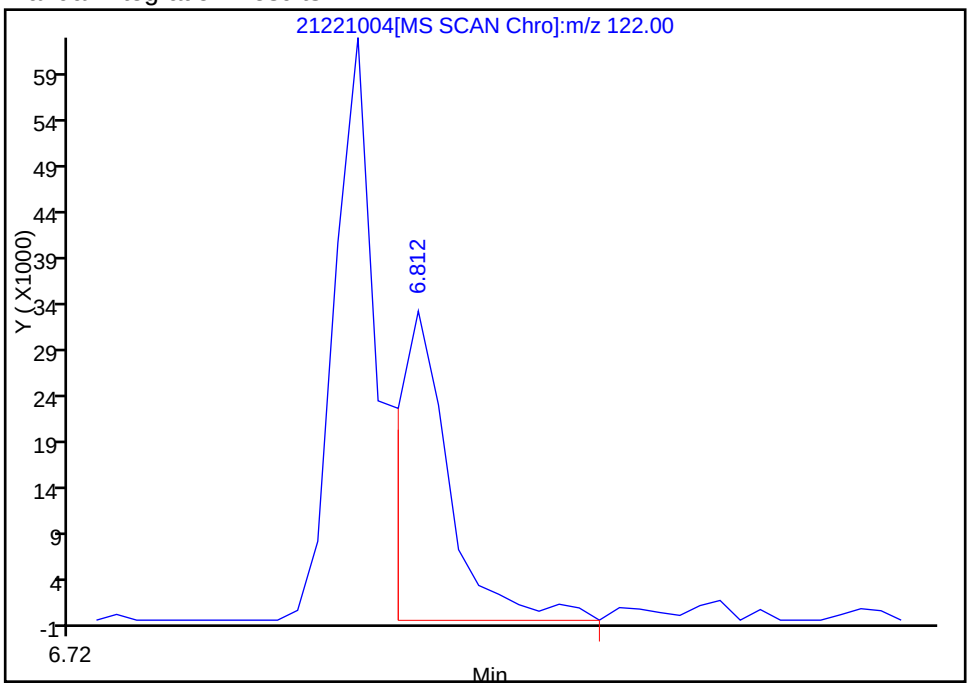
Processing Integration Results

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

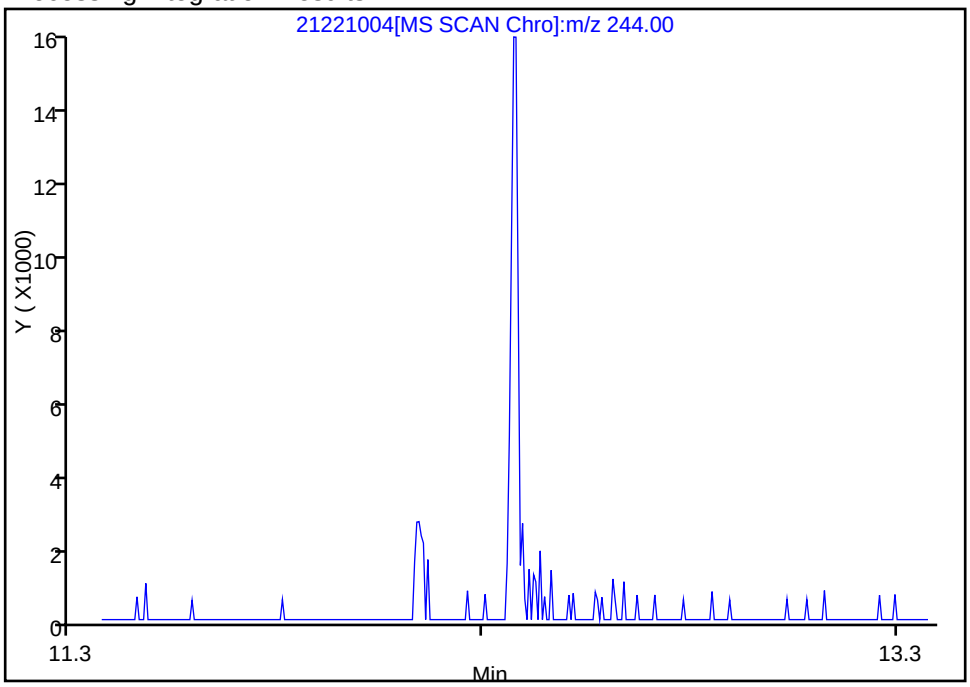
TestAmerica Canton

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

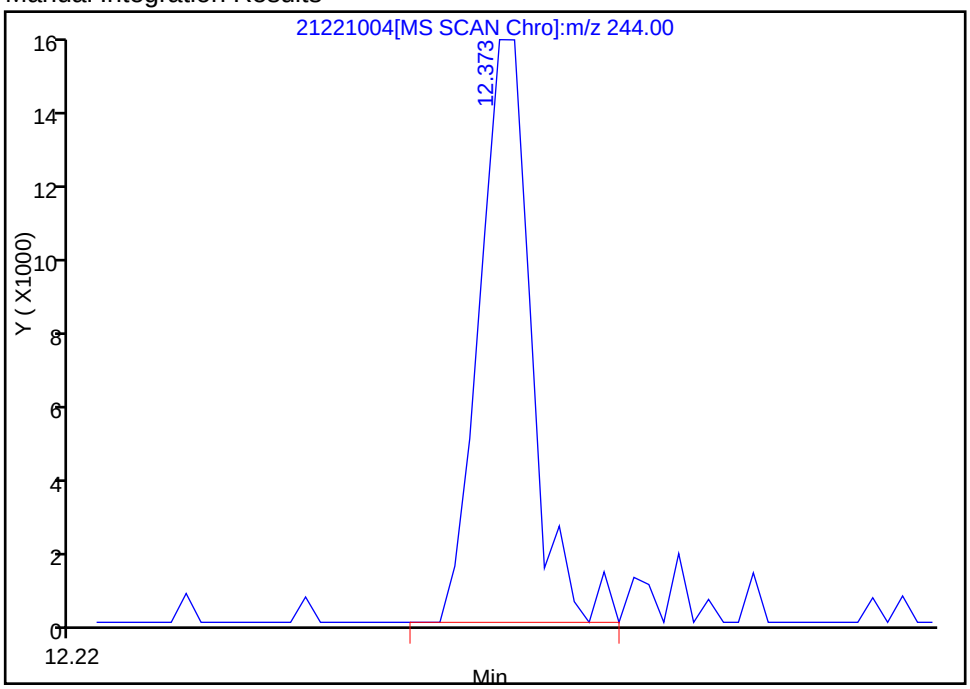
Processing Integration Results

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

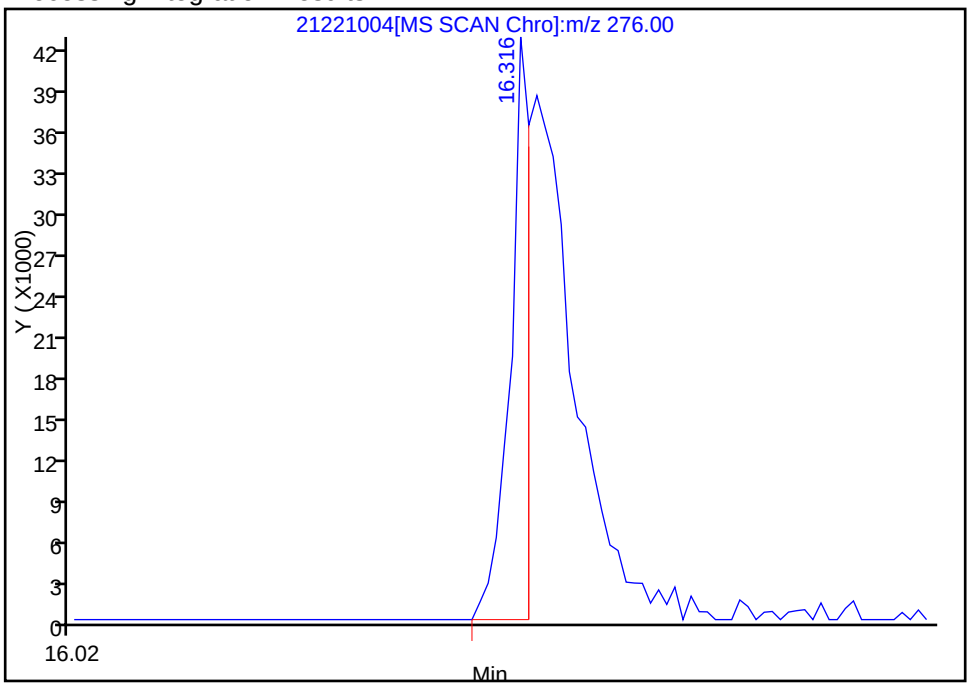
TestAmerica Canton

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

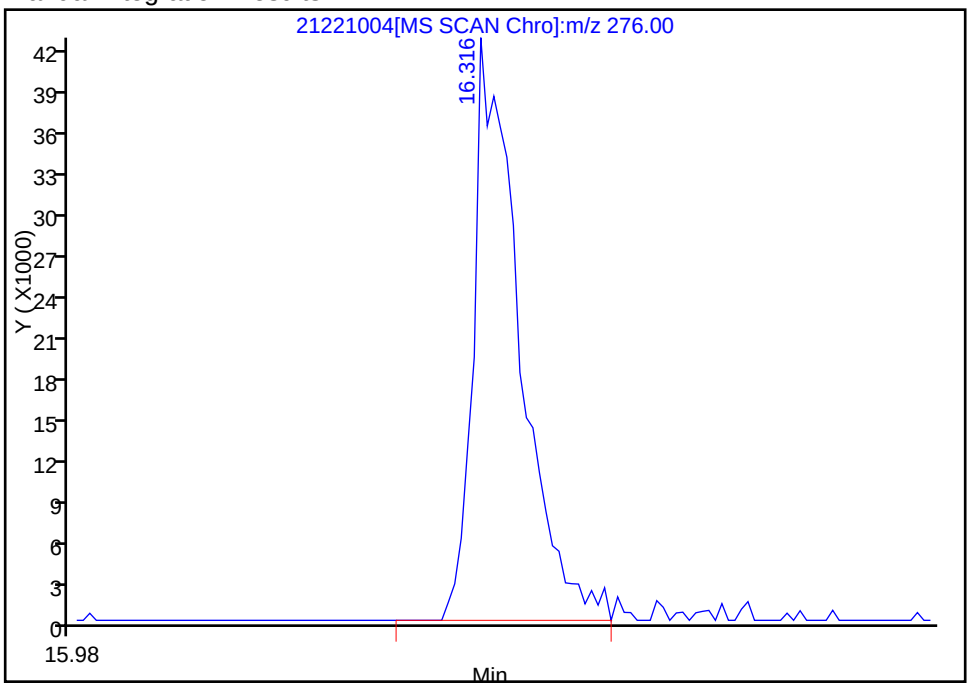
Processing Integration Results

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

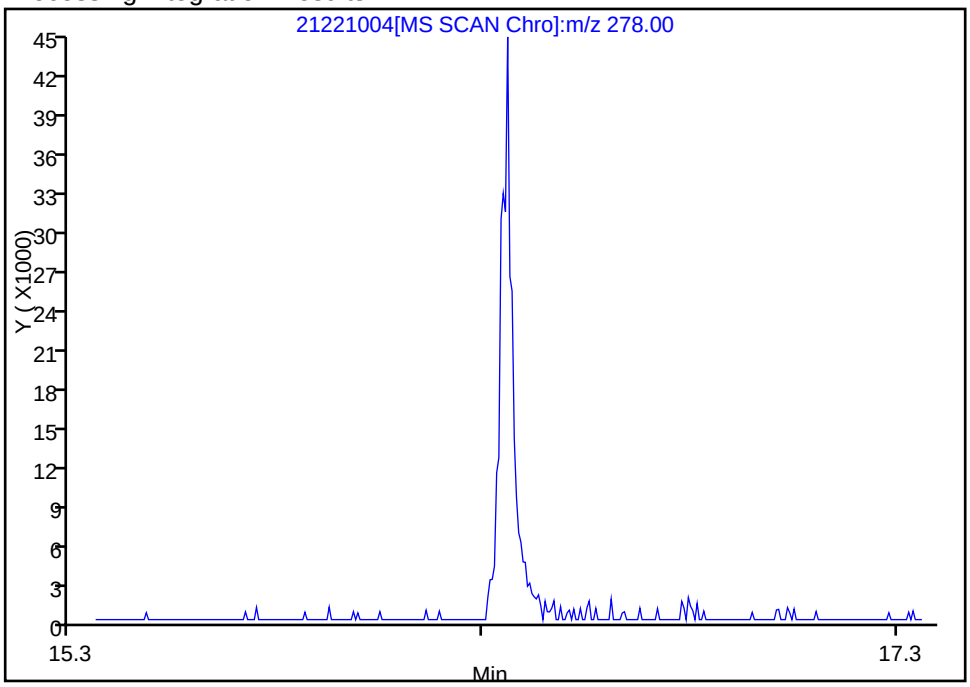
TestAmerica Canton

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

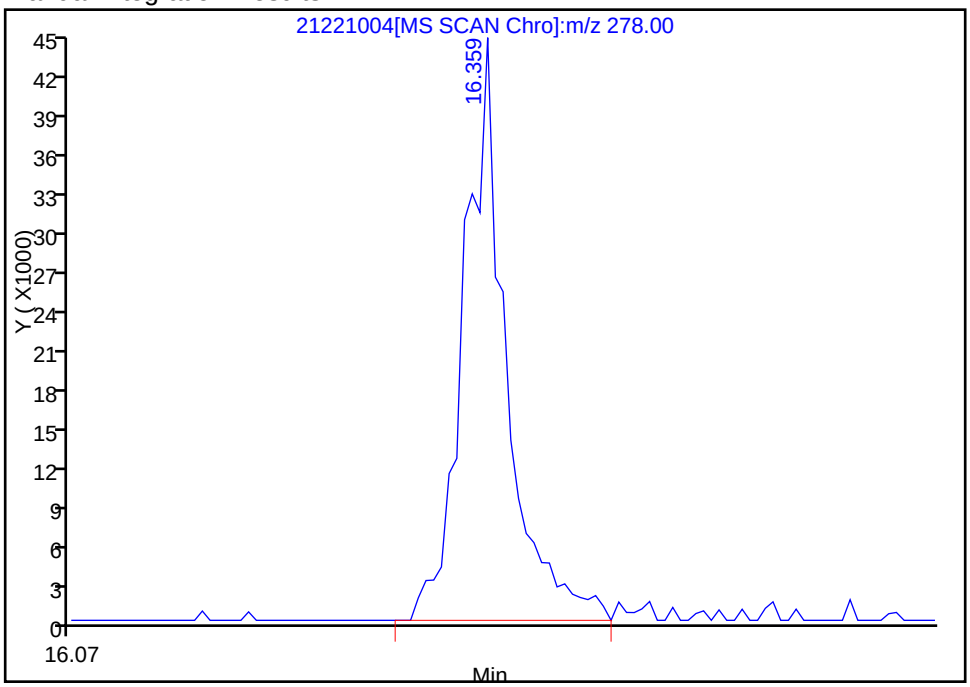
Not Detected
Expected RT: 16.36

Processing Integration Results



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

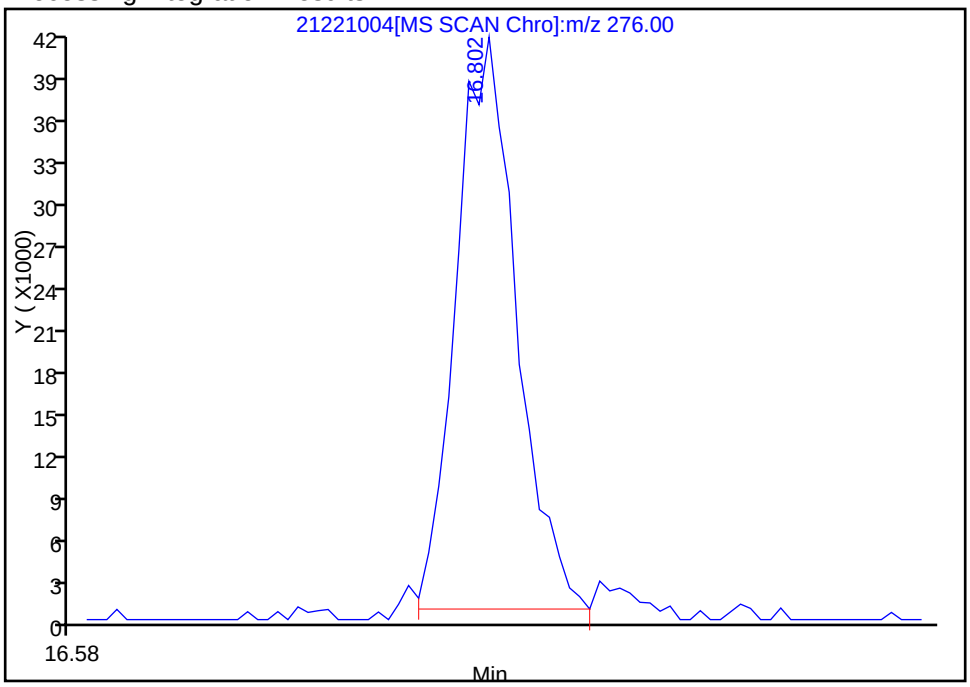
TestAmerica Canton

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

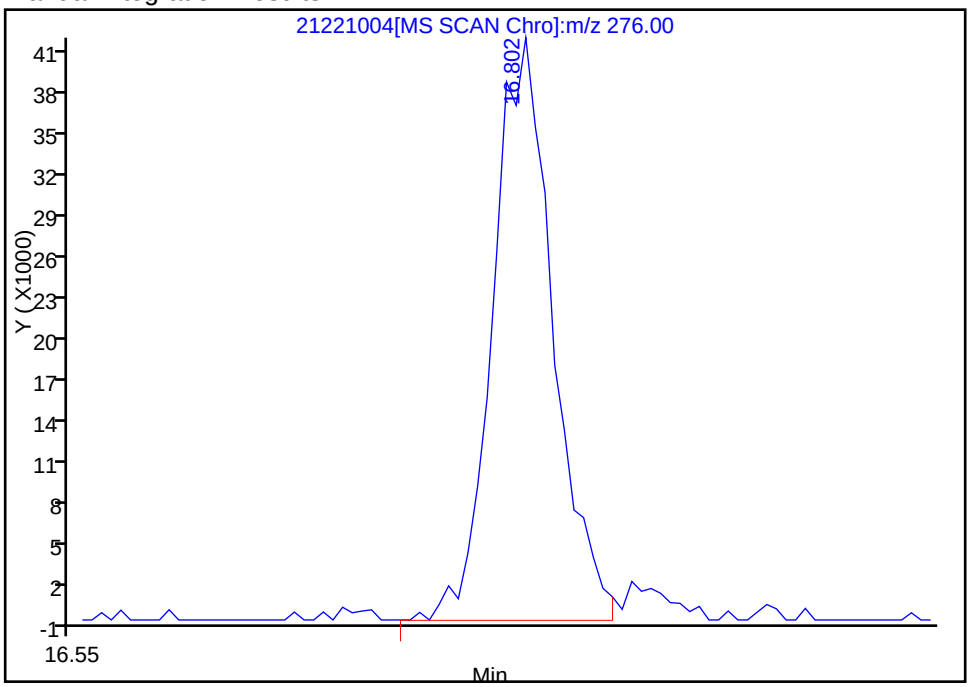
Processing Integration Results

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

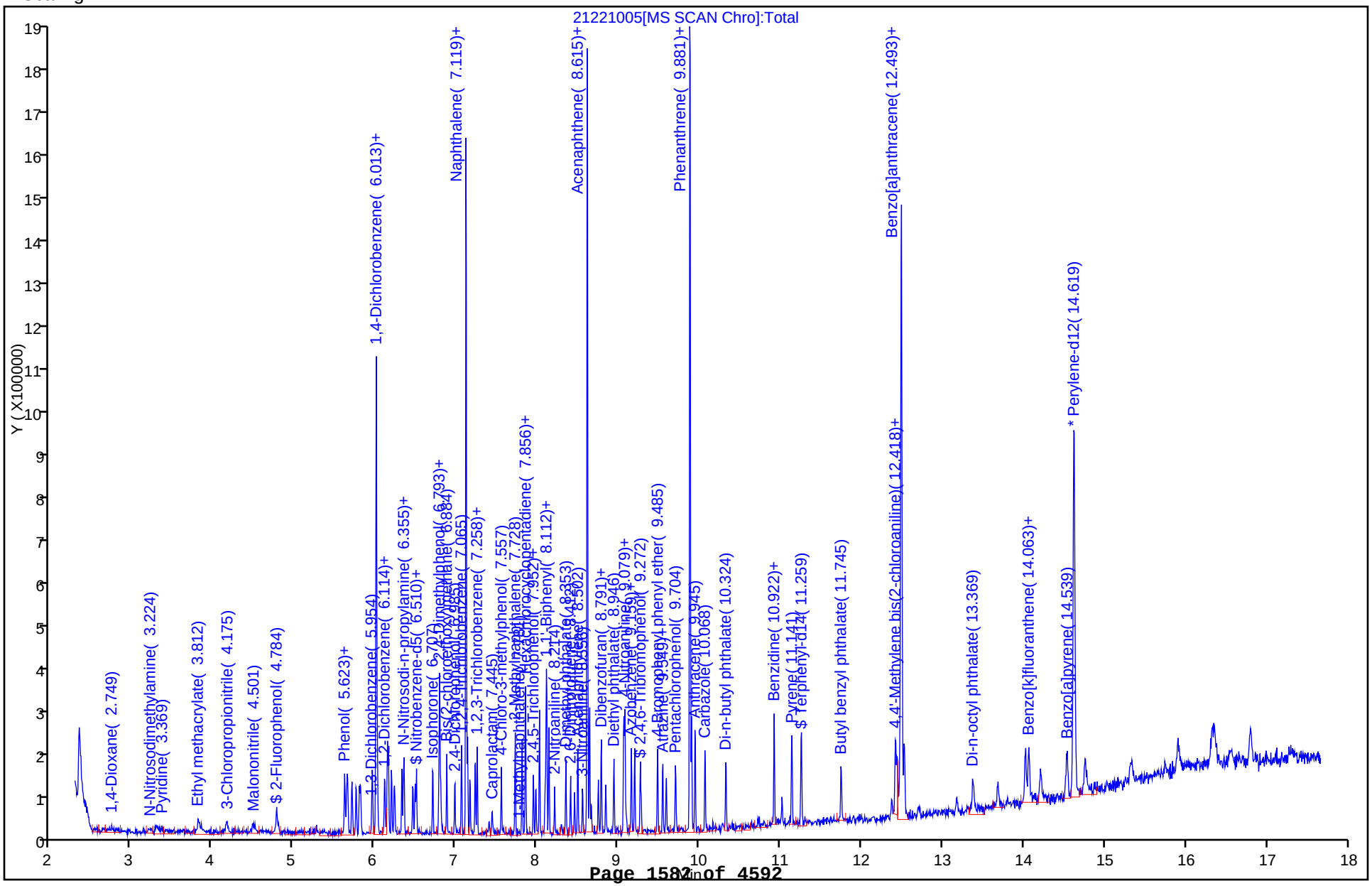
Report Date: 22-Dec-2012 11:07:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

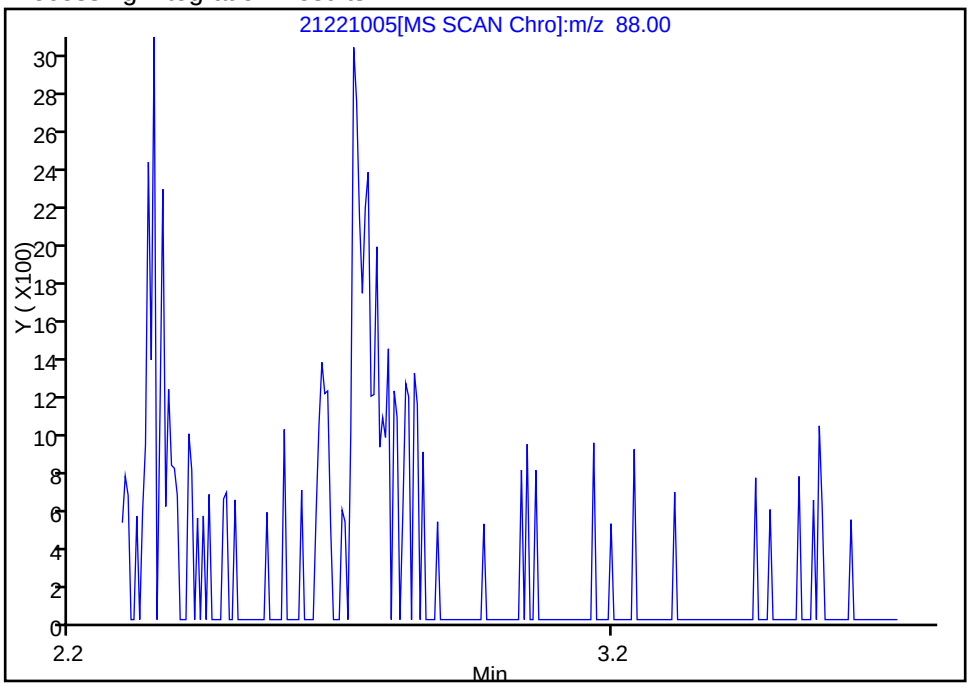
TestAmerica Canton

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

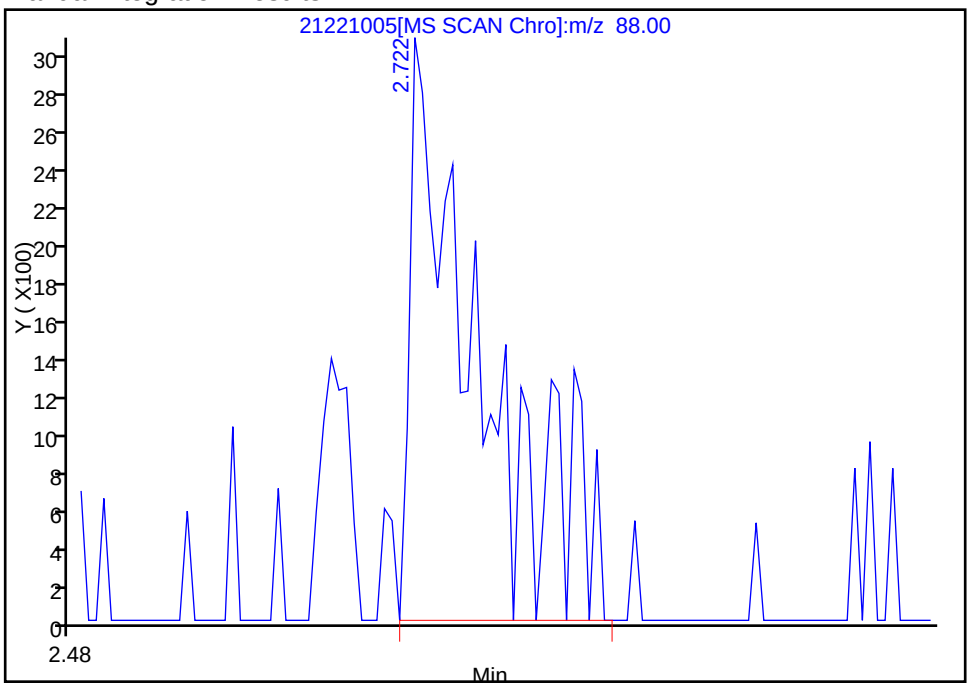
Processing Integration Results

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

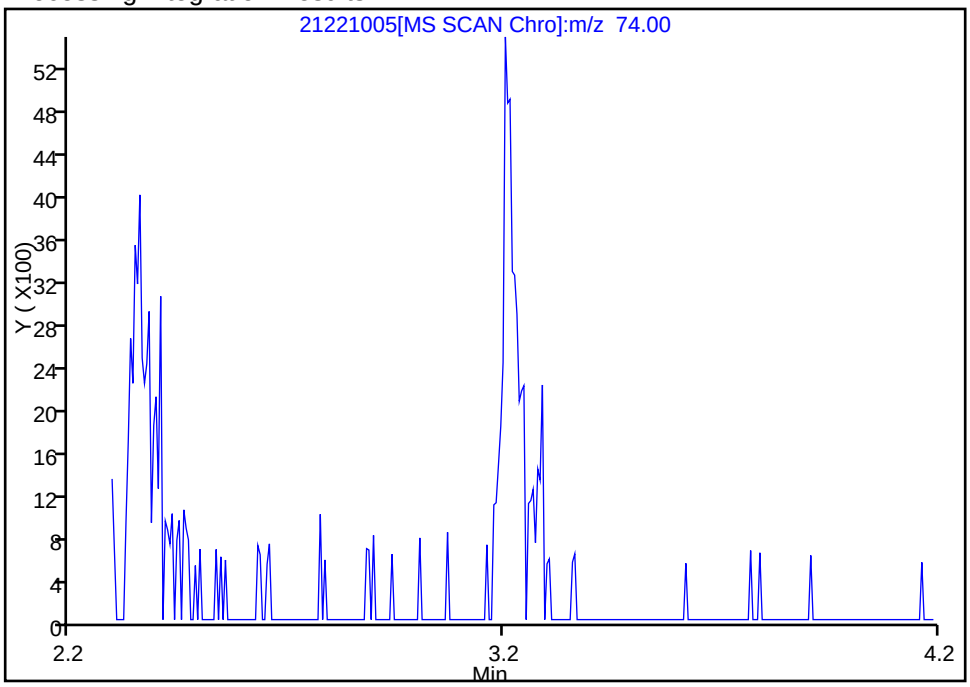
TestAmerica Canton

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

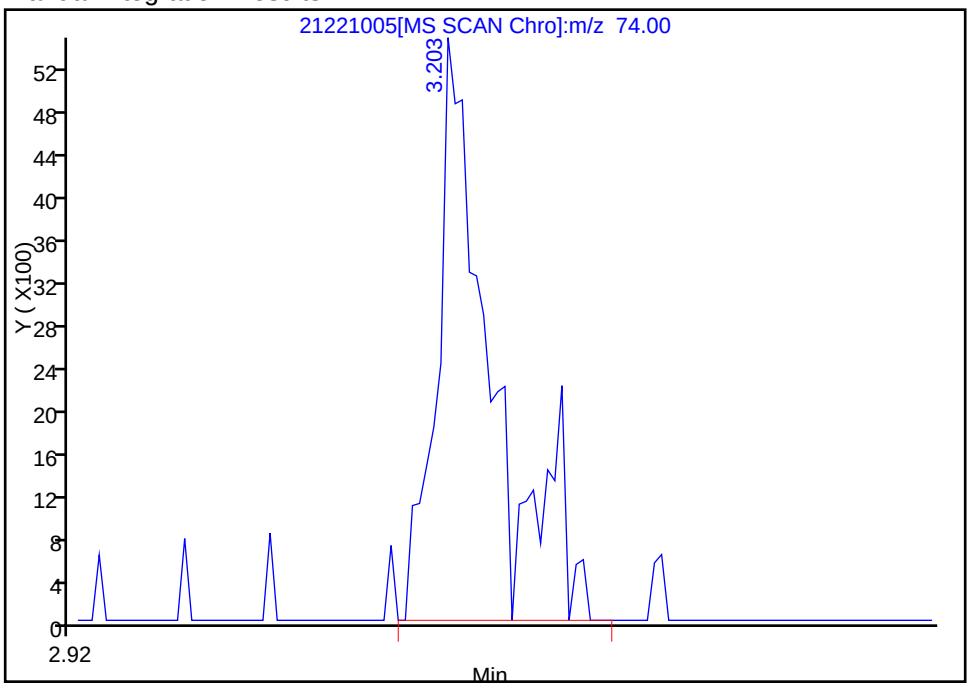
Not Detected
Expected RT: 3.19

Processing Integration Results



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

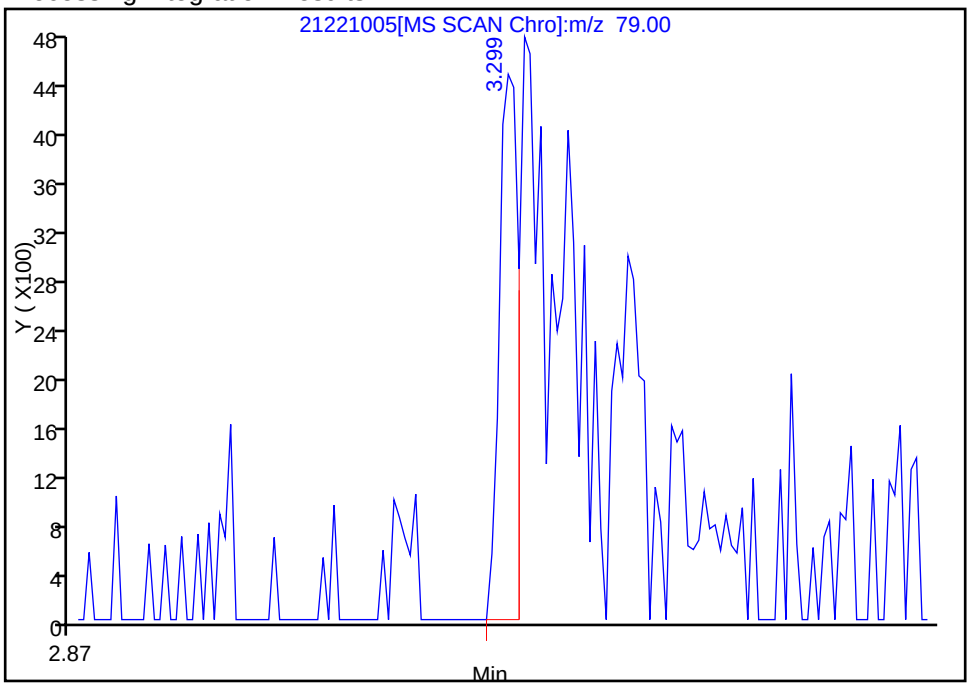
TestAmerica Canton

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

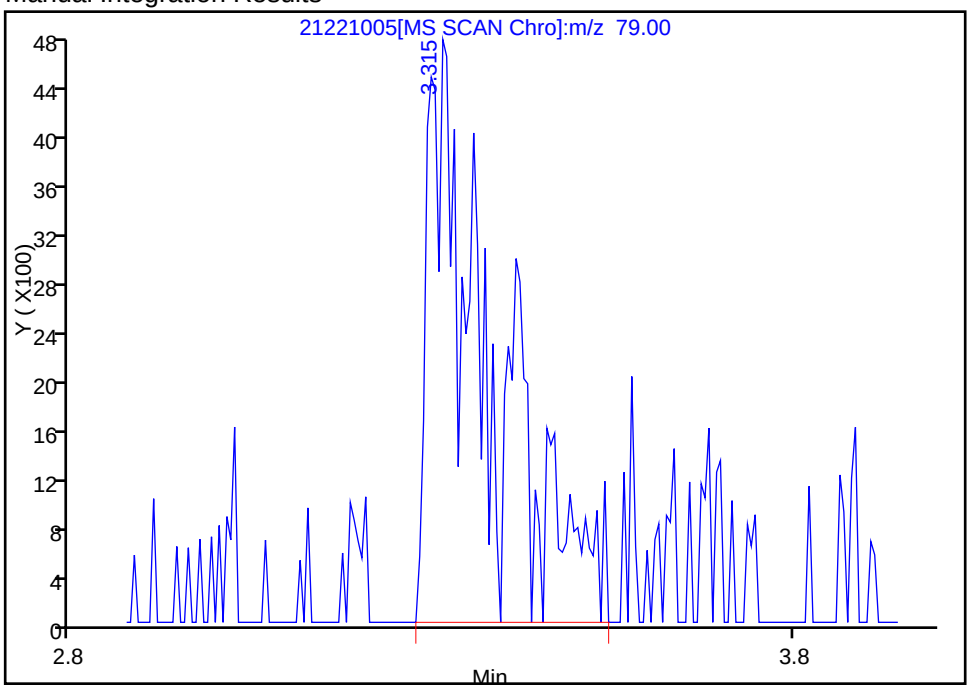
Processing Integration Results

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

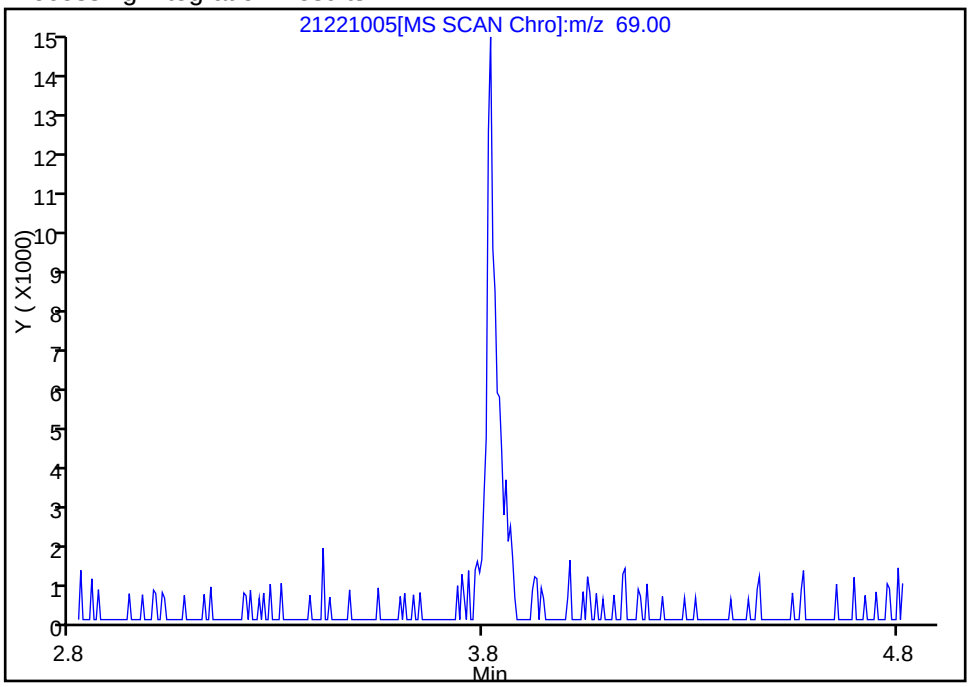
TestAmerica Canton

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

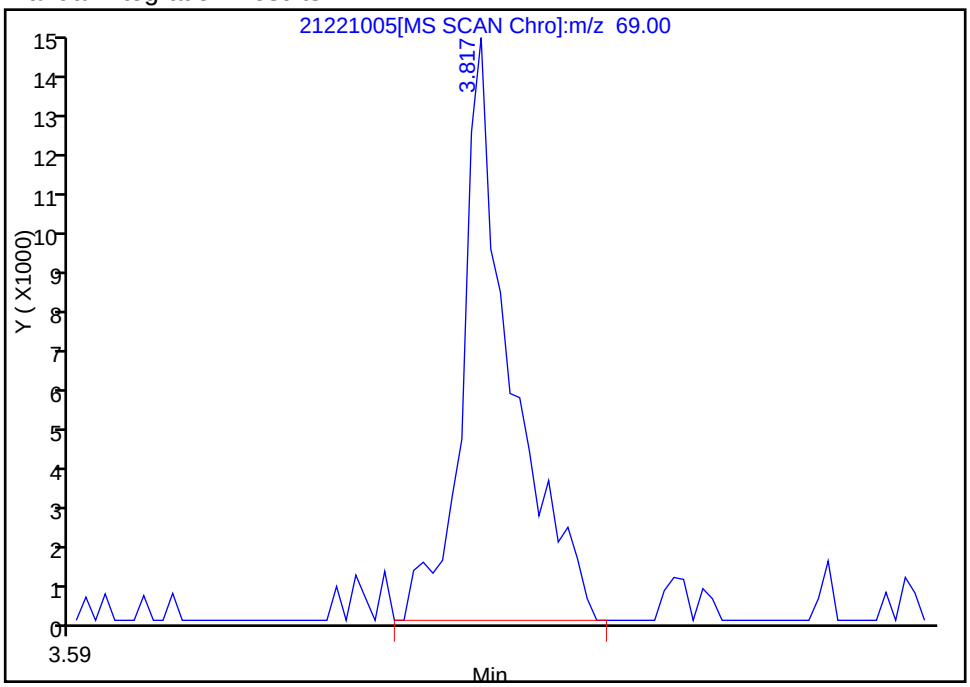
Not Detected
Expected RT: 3.82

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

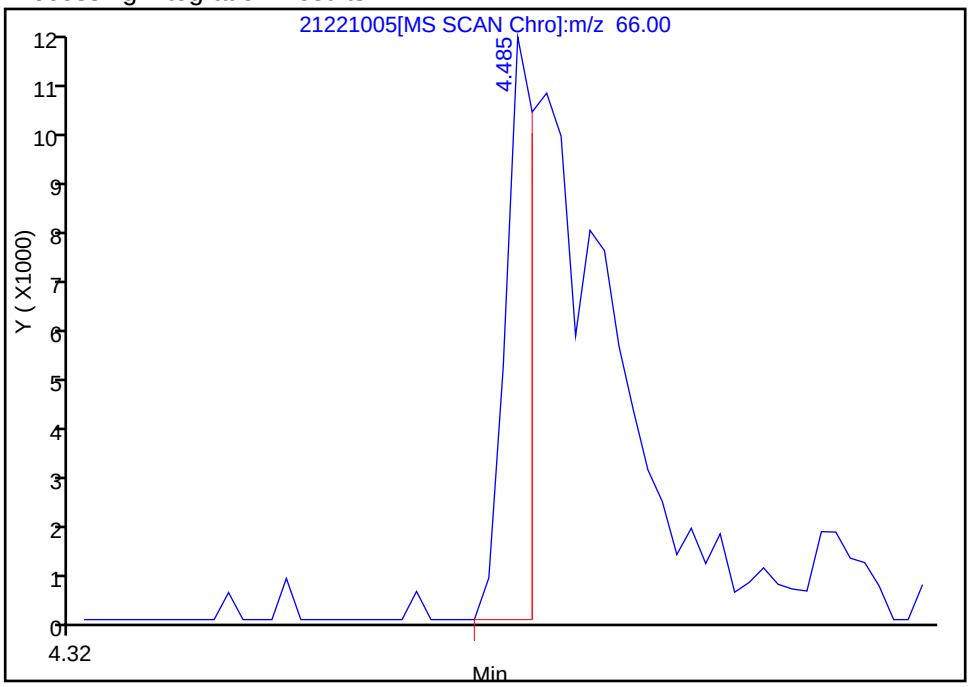
TestAmerica Canton

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

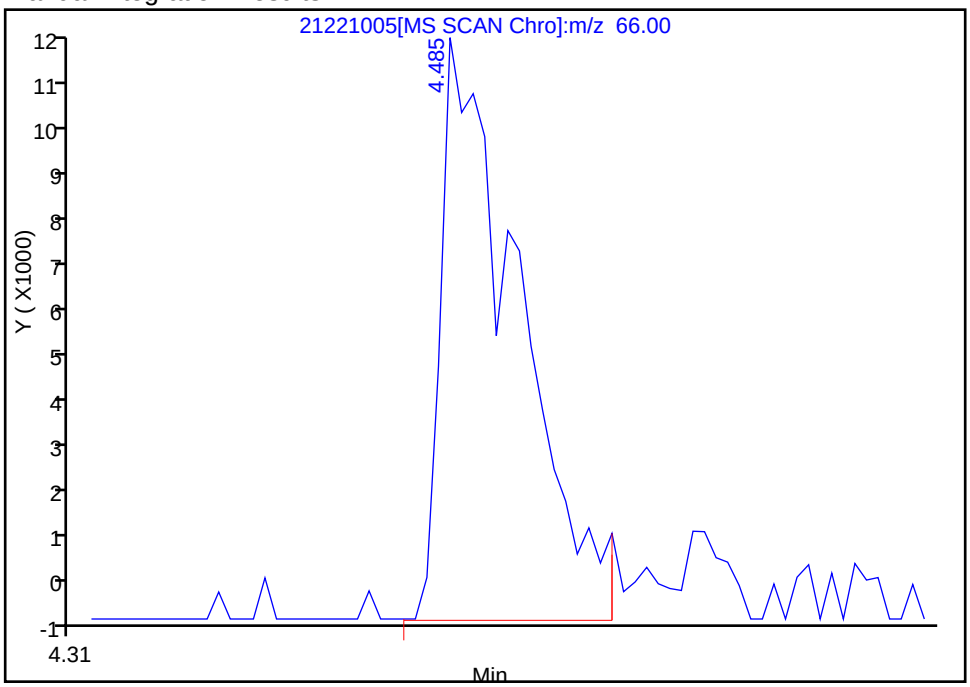
Processing Integration Results

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

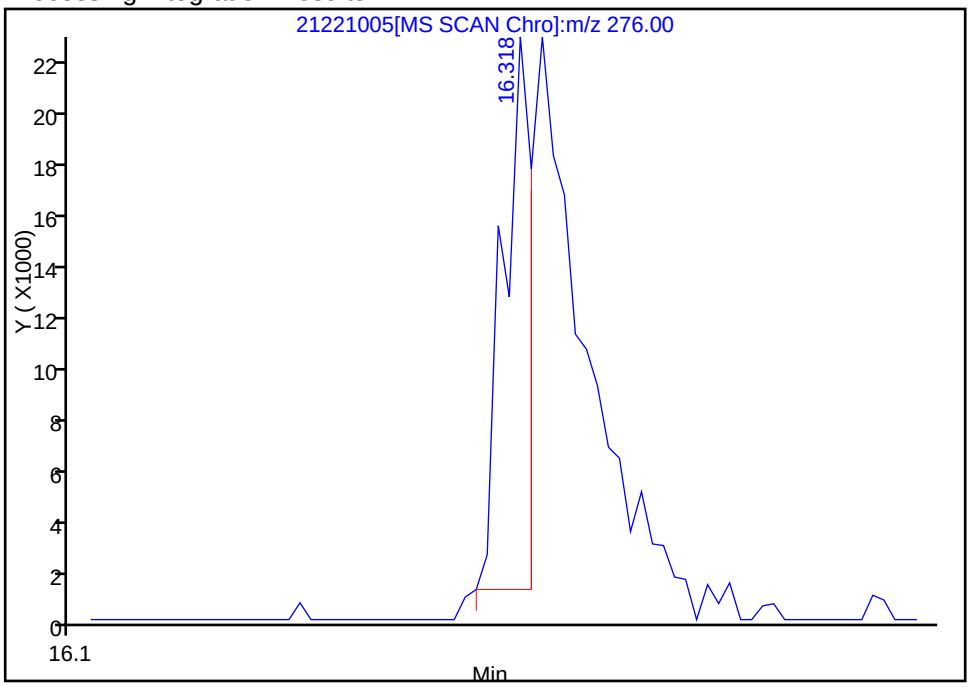
TestAmerica Canton

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

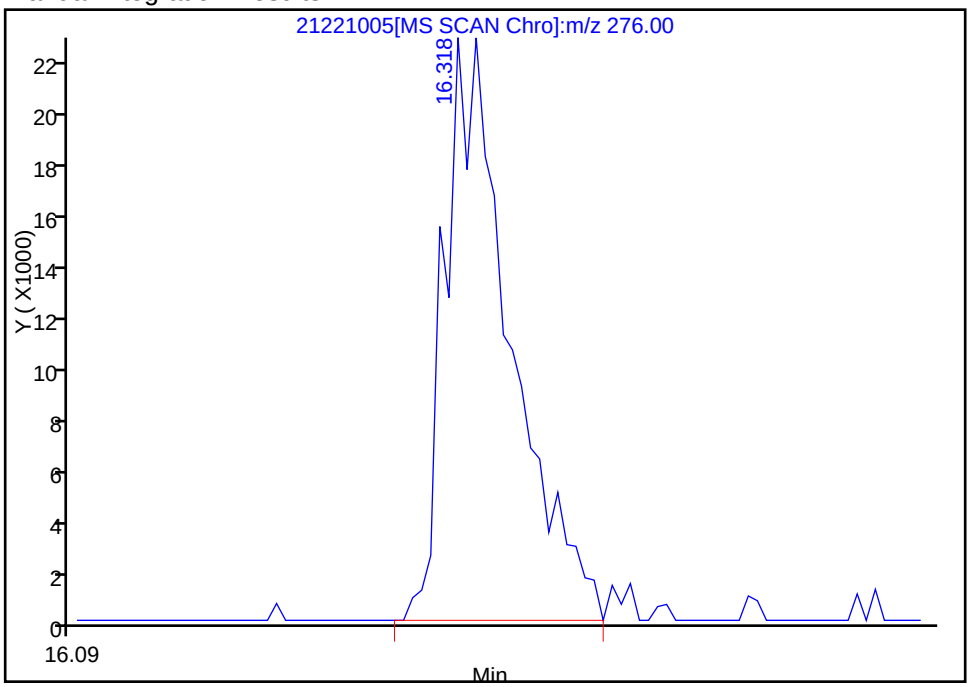
Processing Integration Results

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

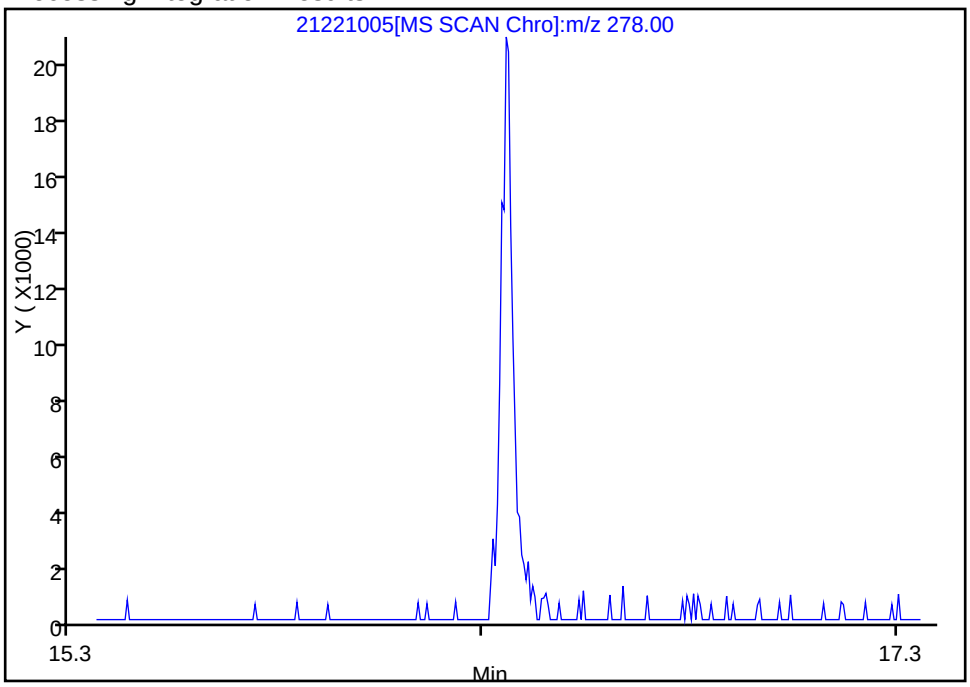
TestAmerica Canton

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

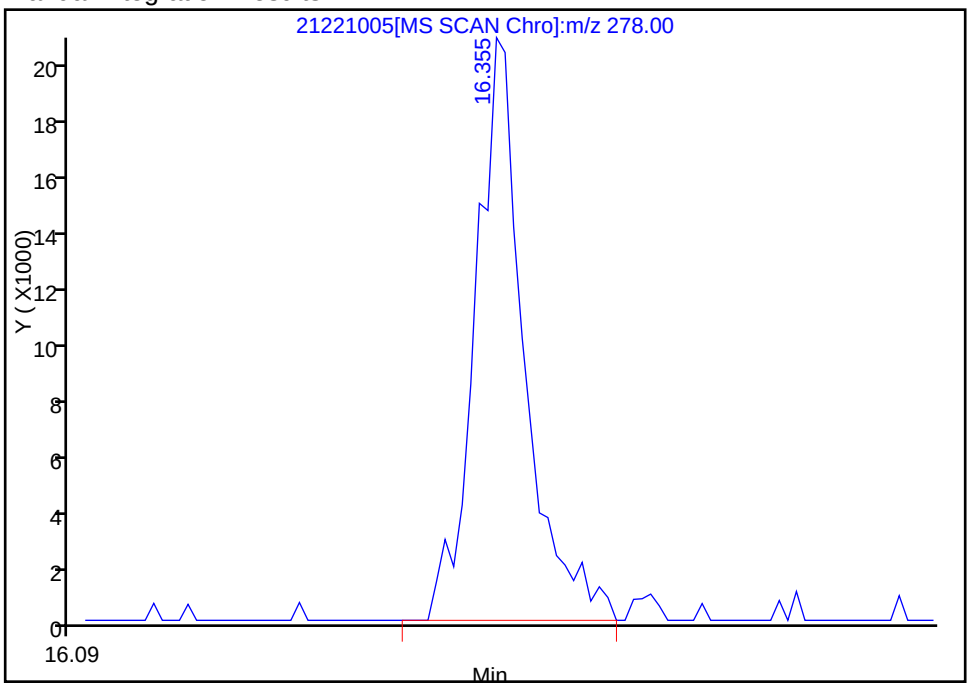
Processing Integration Results

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

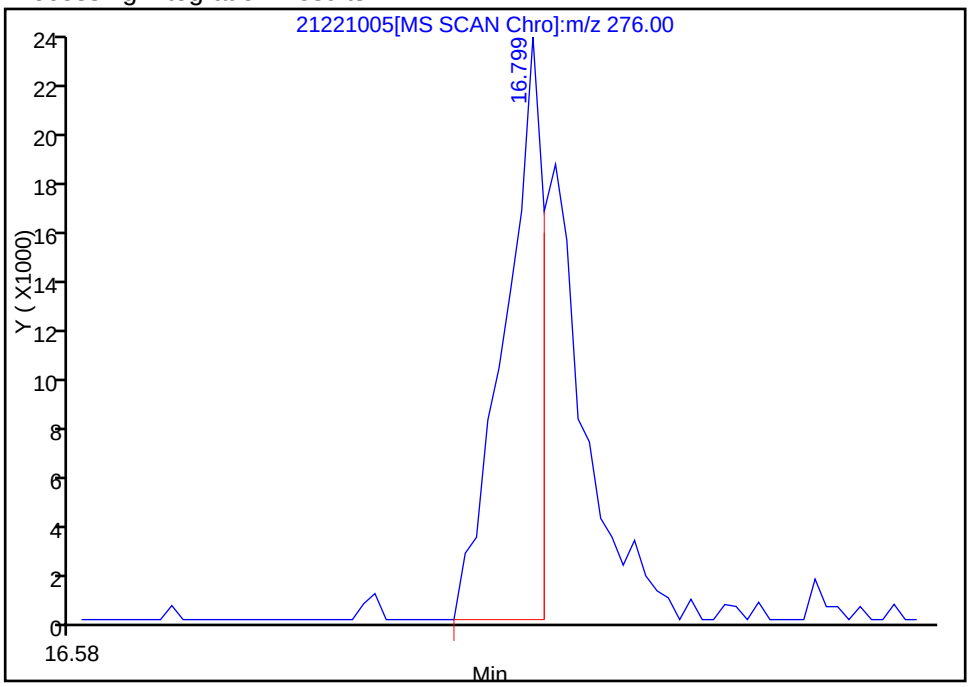
TestAmerica Canton

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

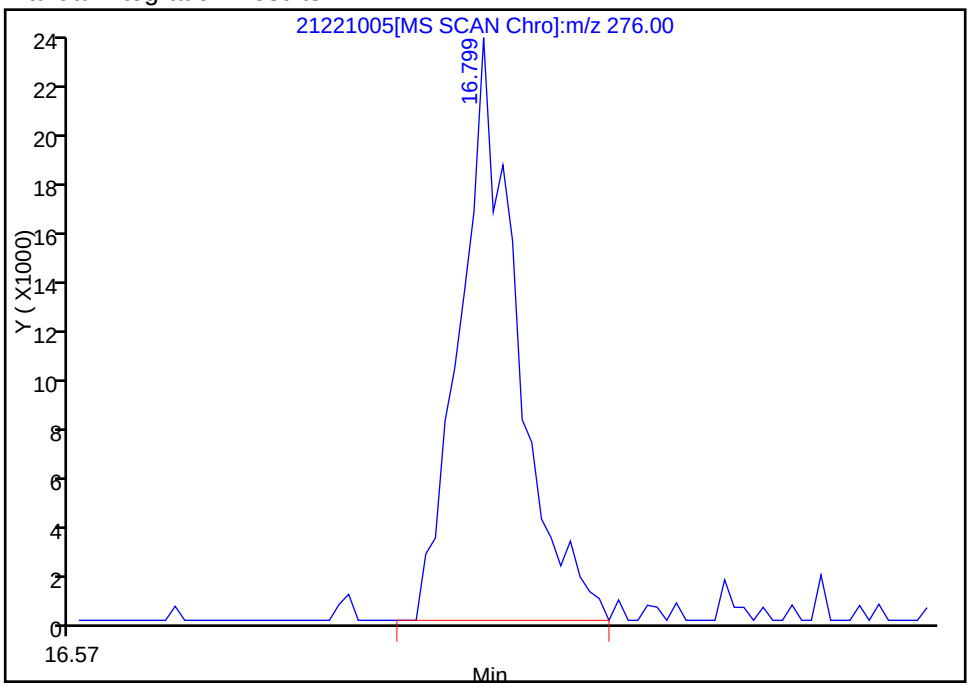
Processing Integration Results

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

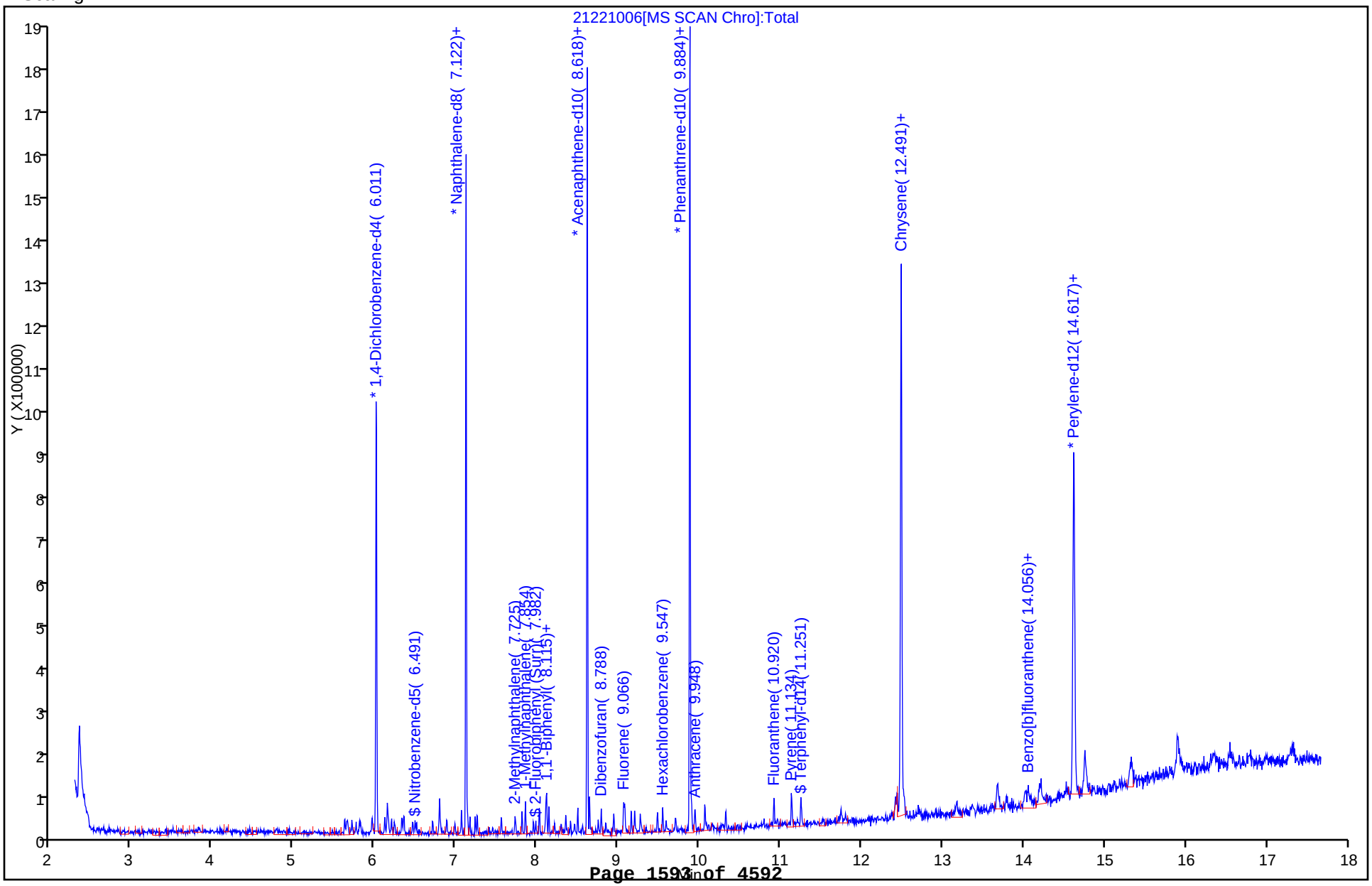
Report Date: 22-Dec-2012 11:07:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

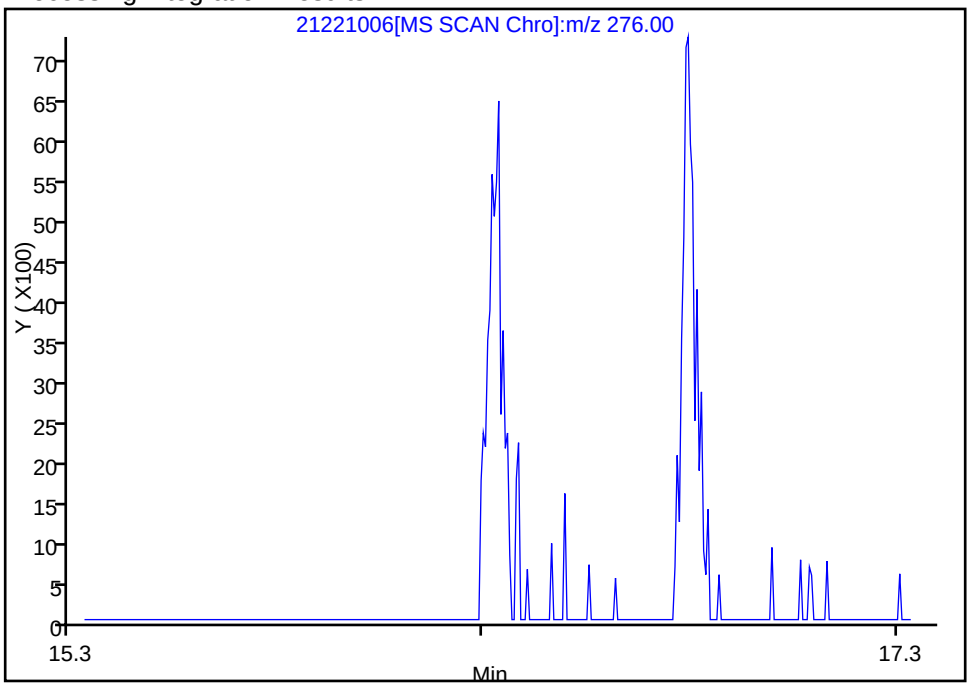
TestAmerica Canton

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

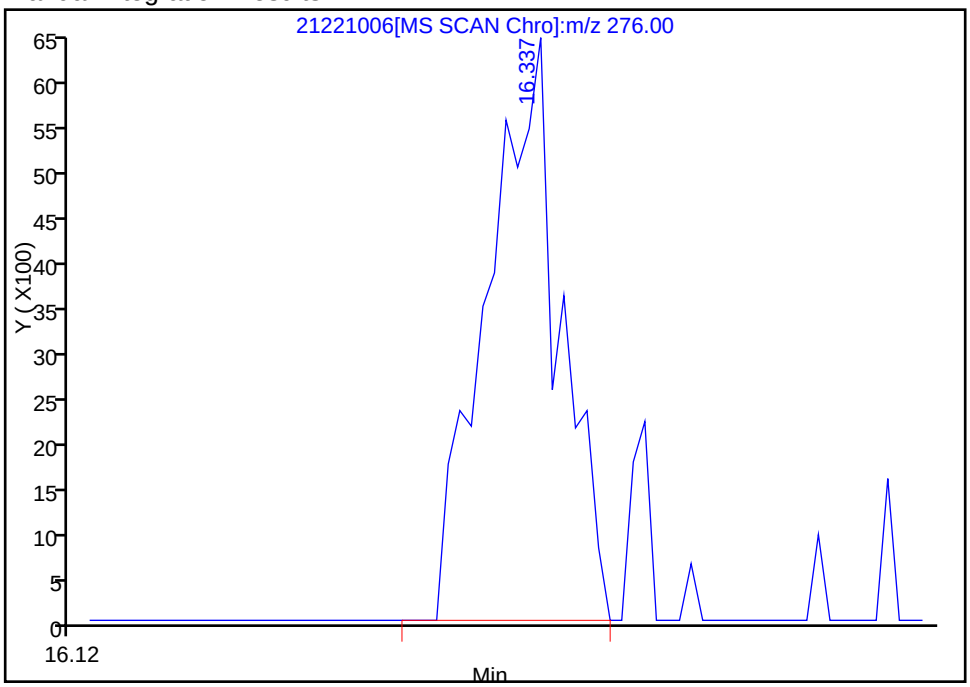
Processing Integration Results

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

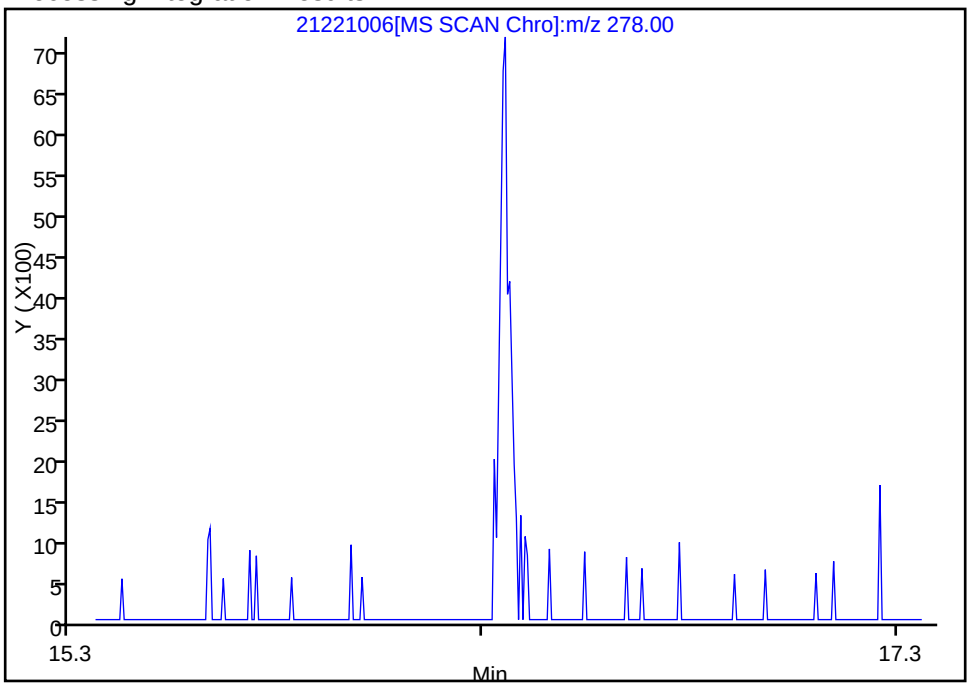
TestAmerica Canton

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

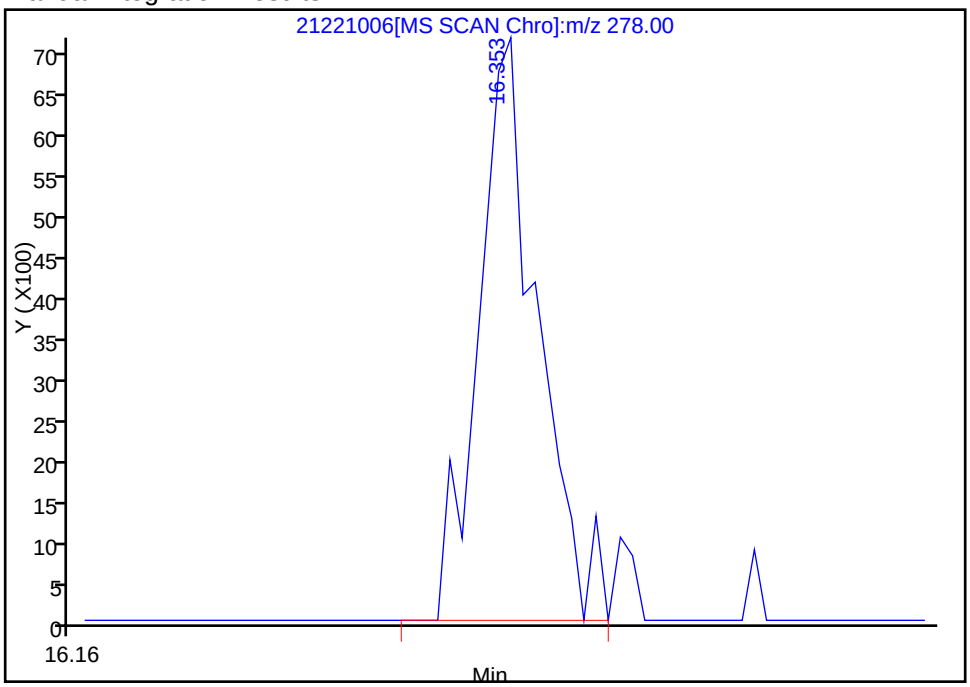
Processing Integration Results

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

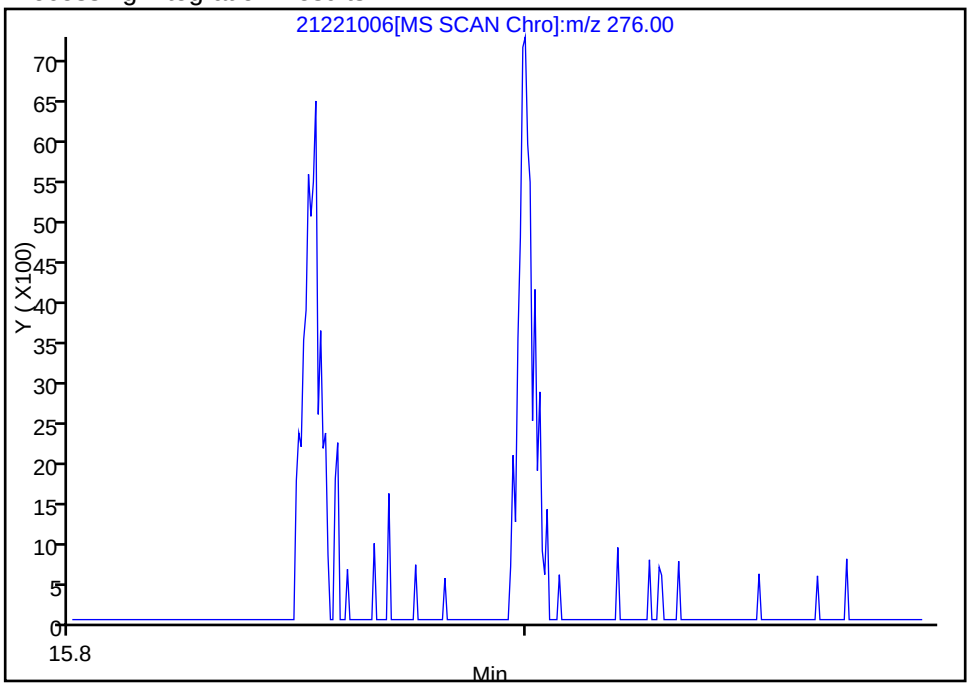
TestAmerica Canton

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

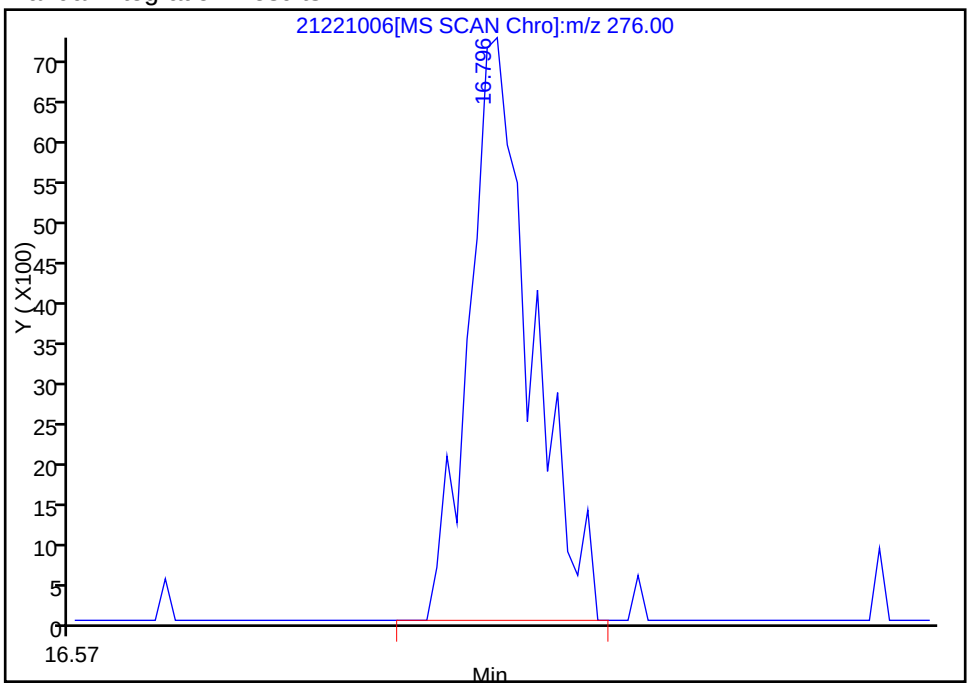
Processing Integration Results

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

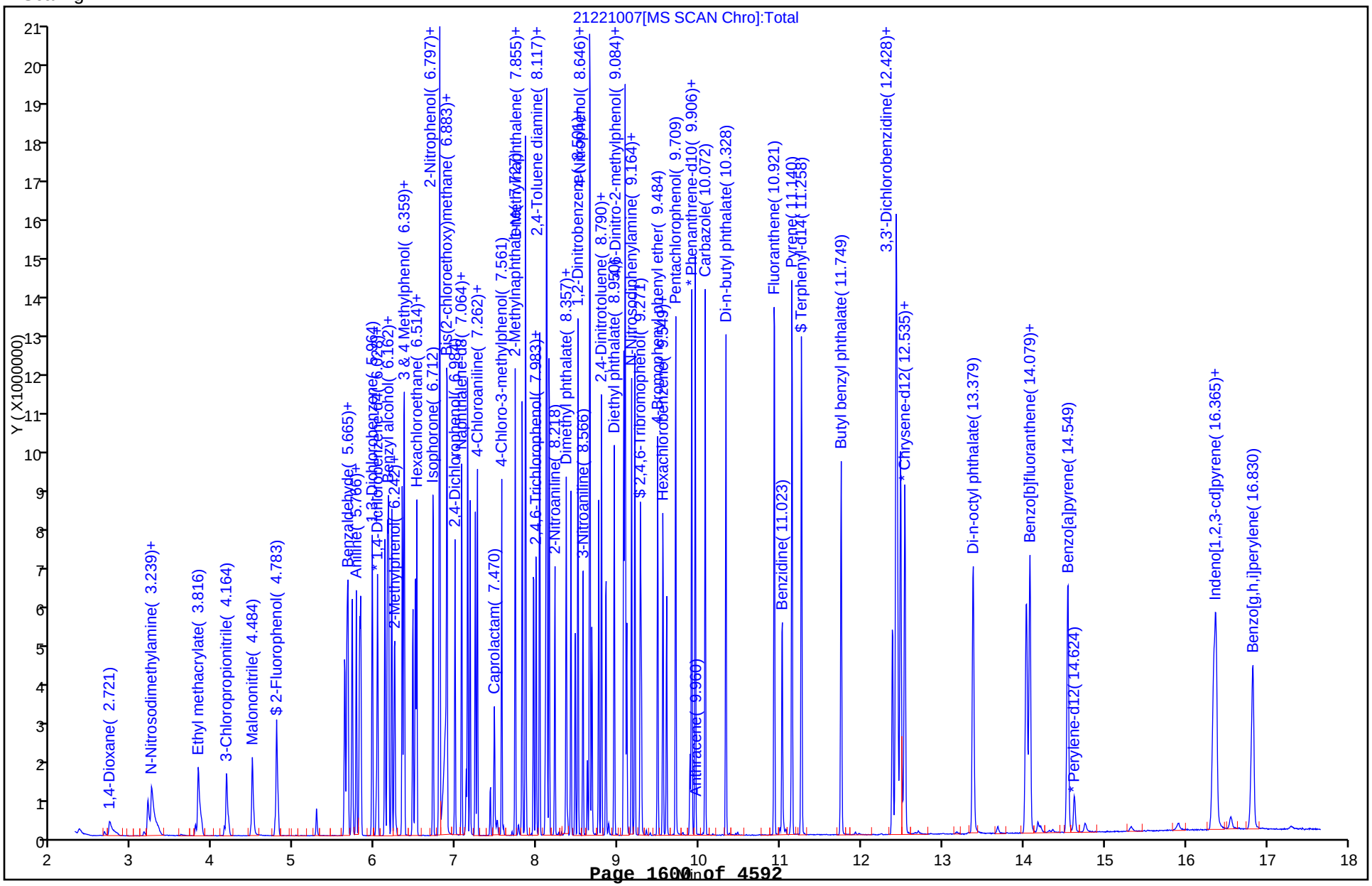
Report Date: 22-Dec-2012 11:07:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

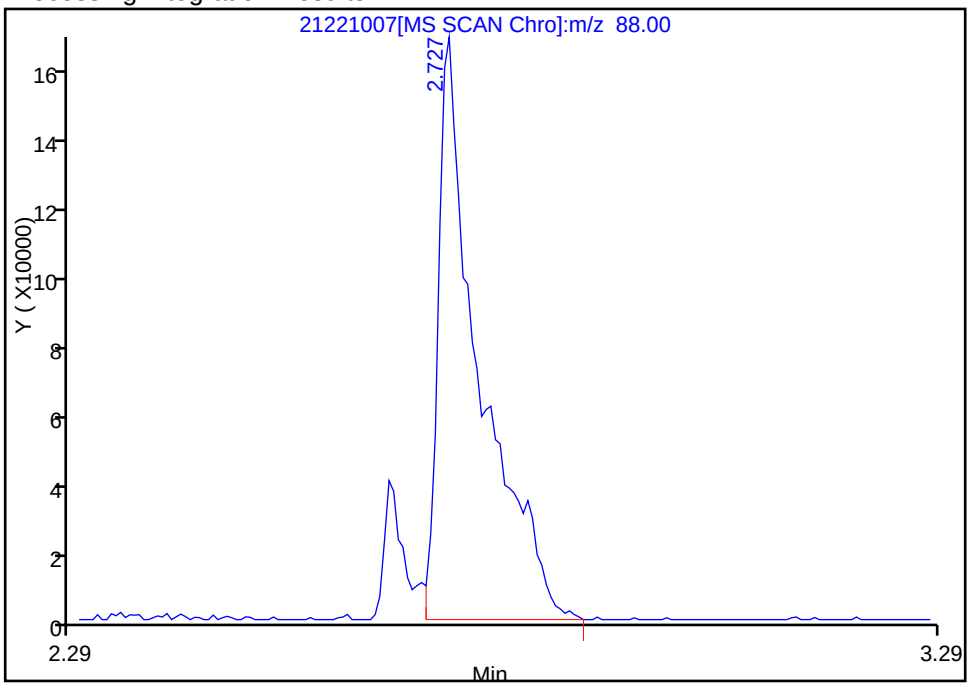
TestAmerica Canton

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

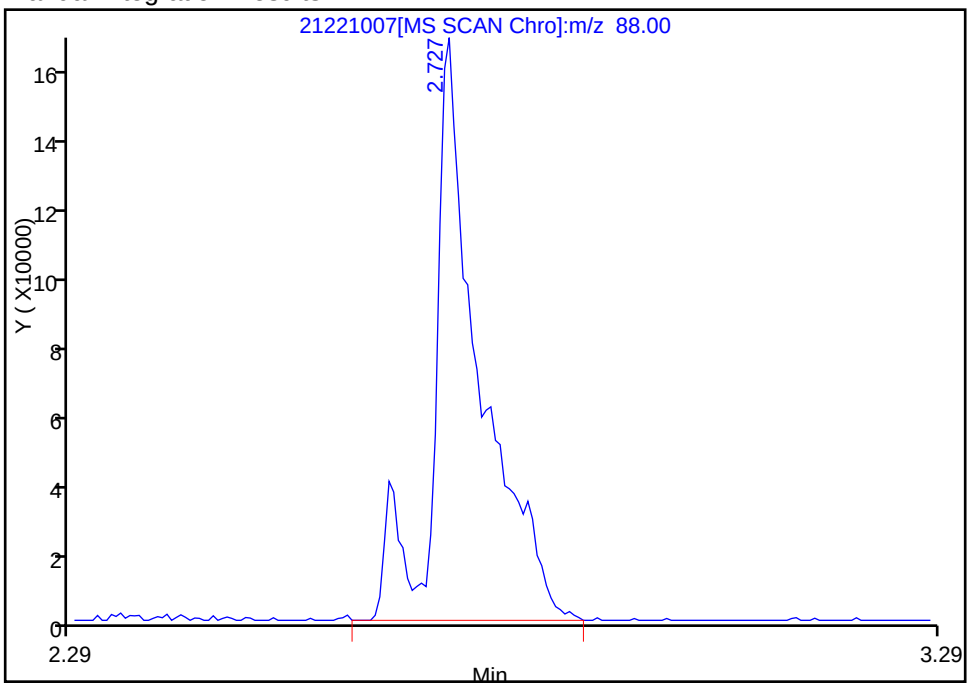
Processing Integration Results

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

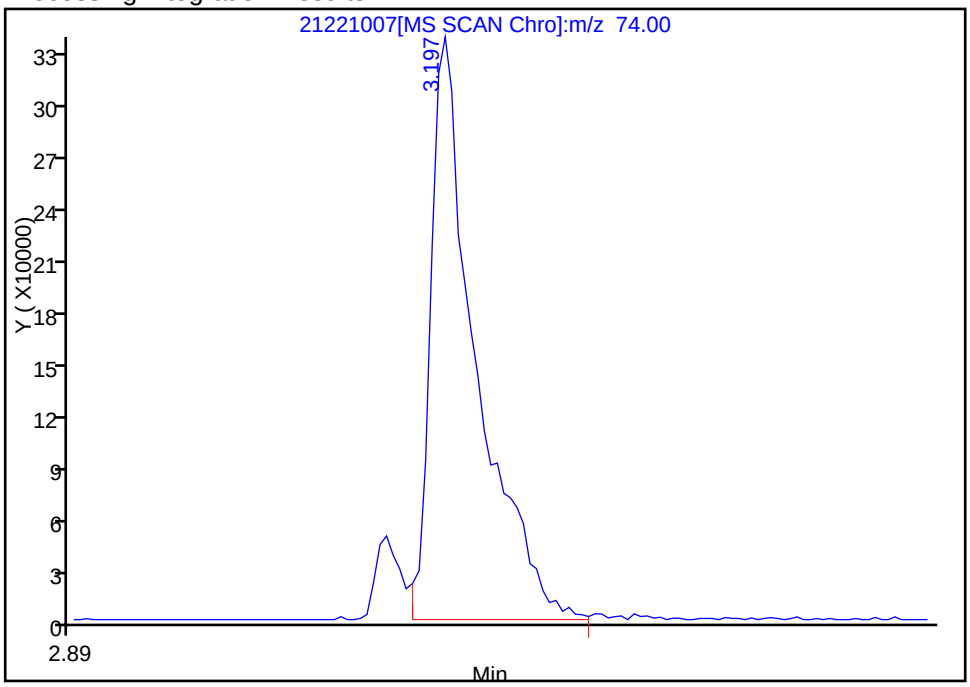
TestAmerica Canton

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

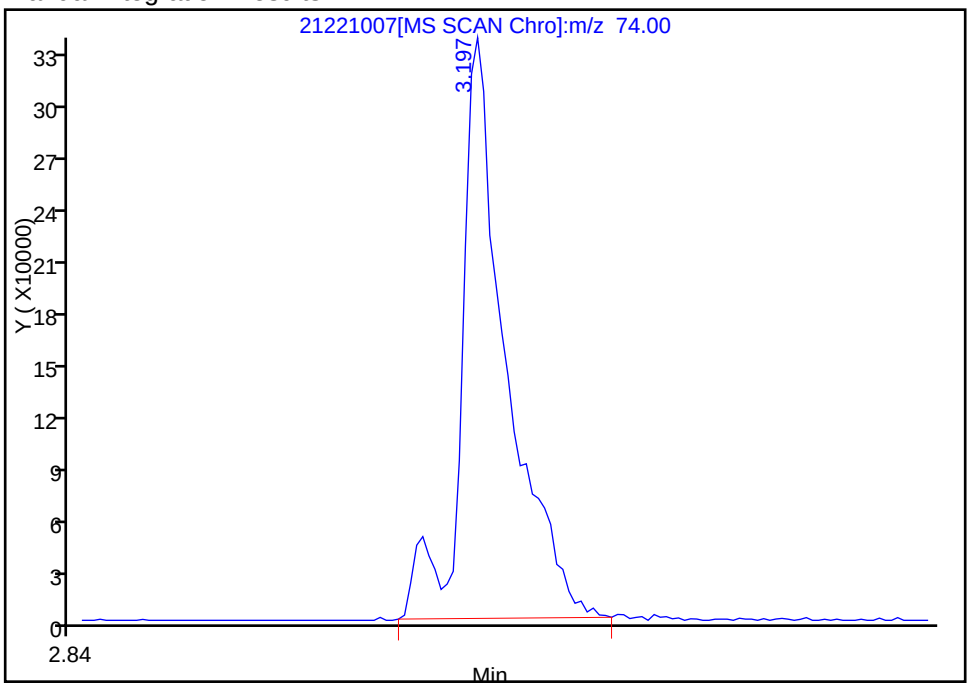
Processing Integration Results

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

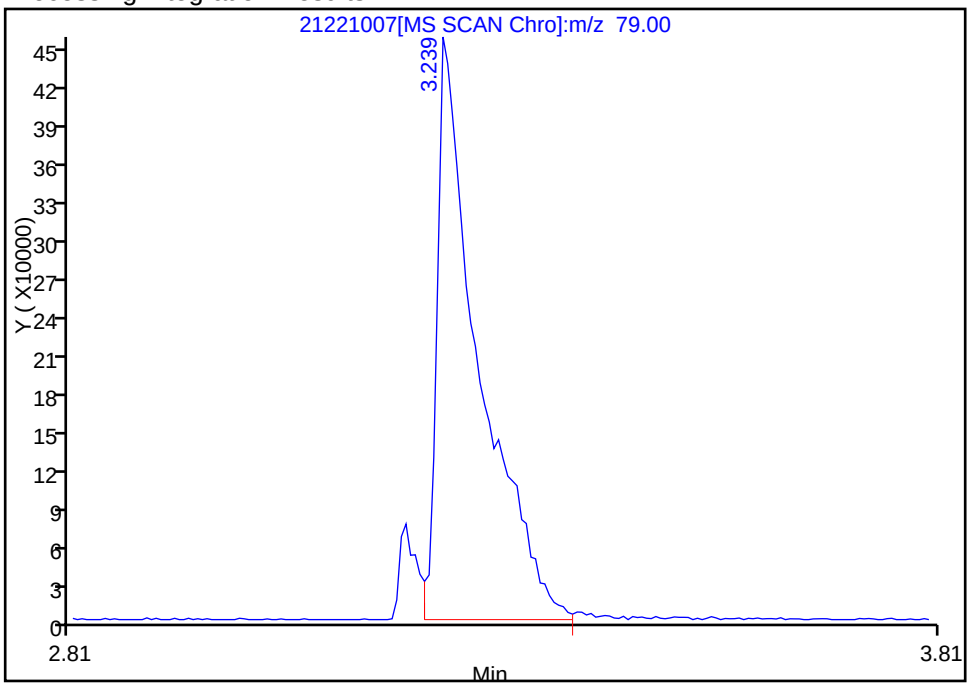
TestAmerica Canton

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

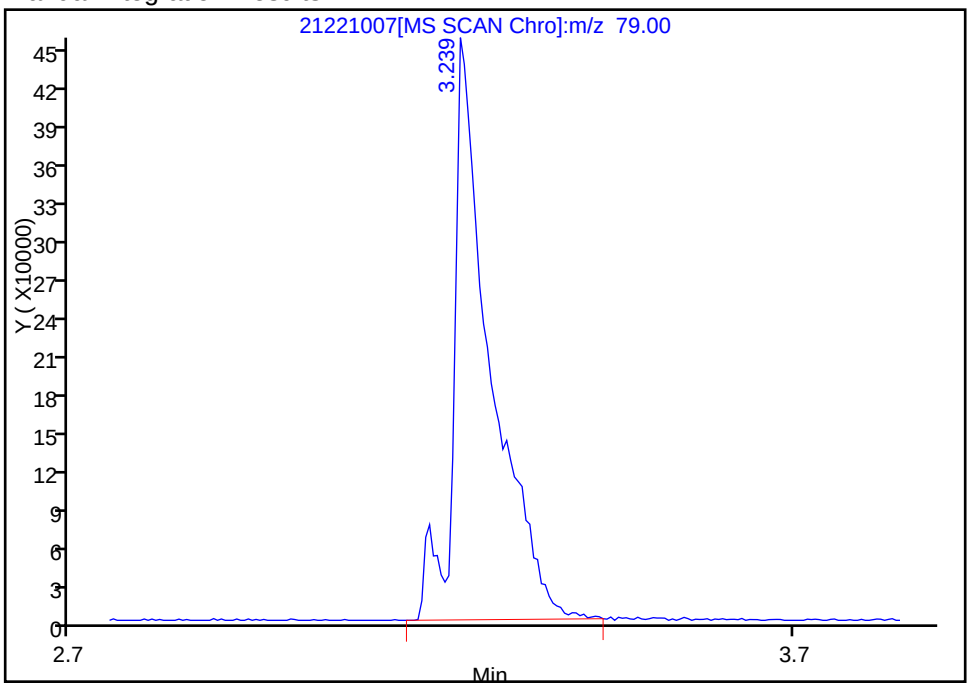
Processing Integration Results

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

Manual Integration/User Assign Peak Report

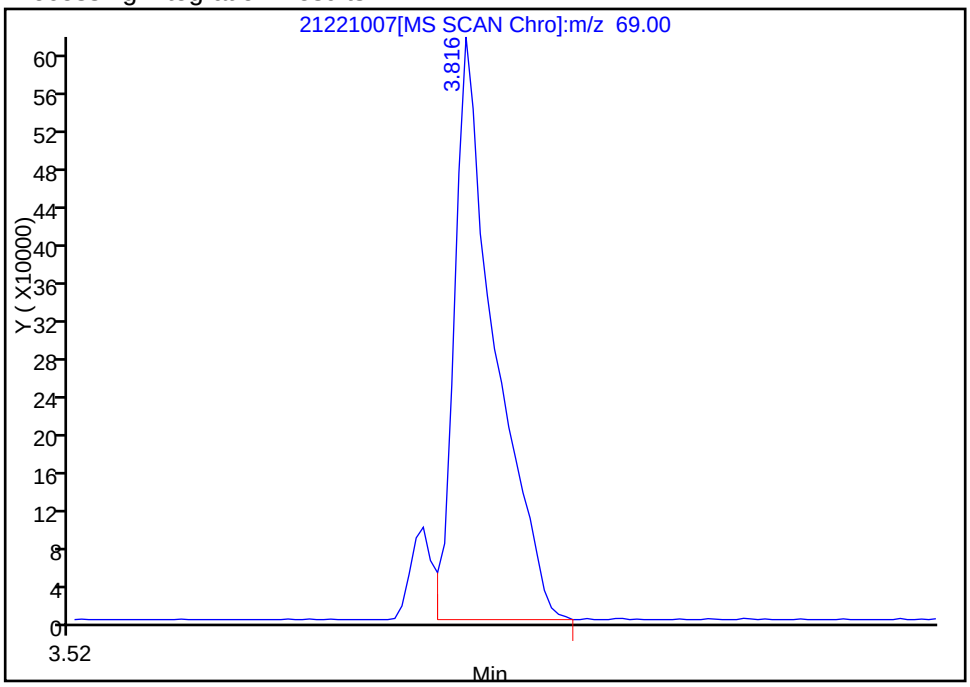
TestAmerica Canton

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

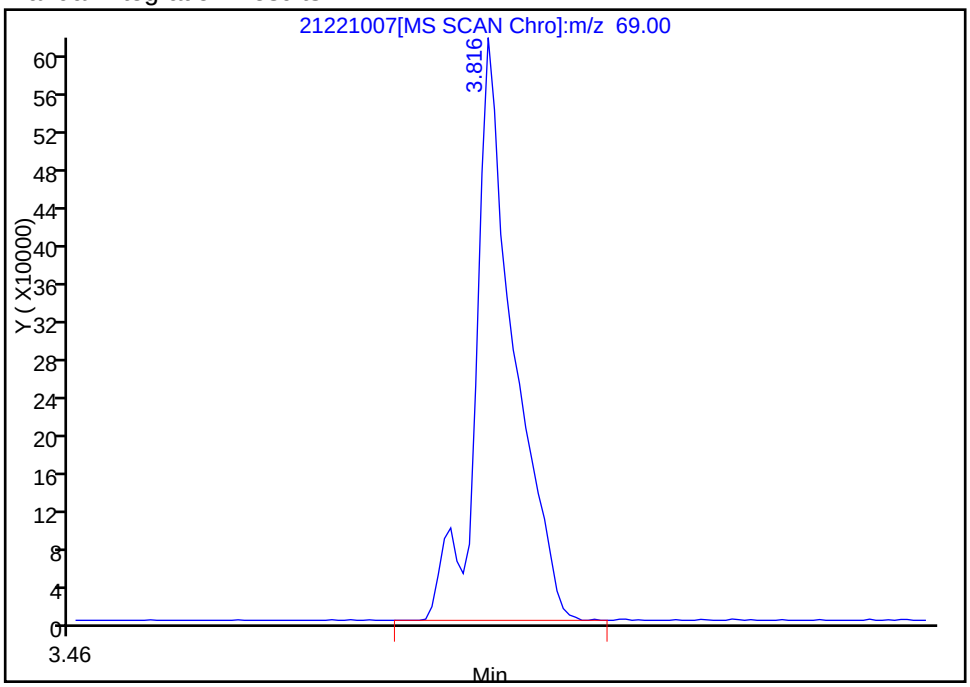
Processing Integration Results

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

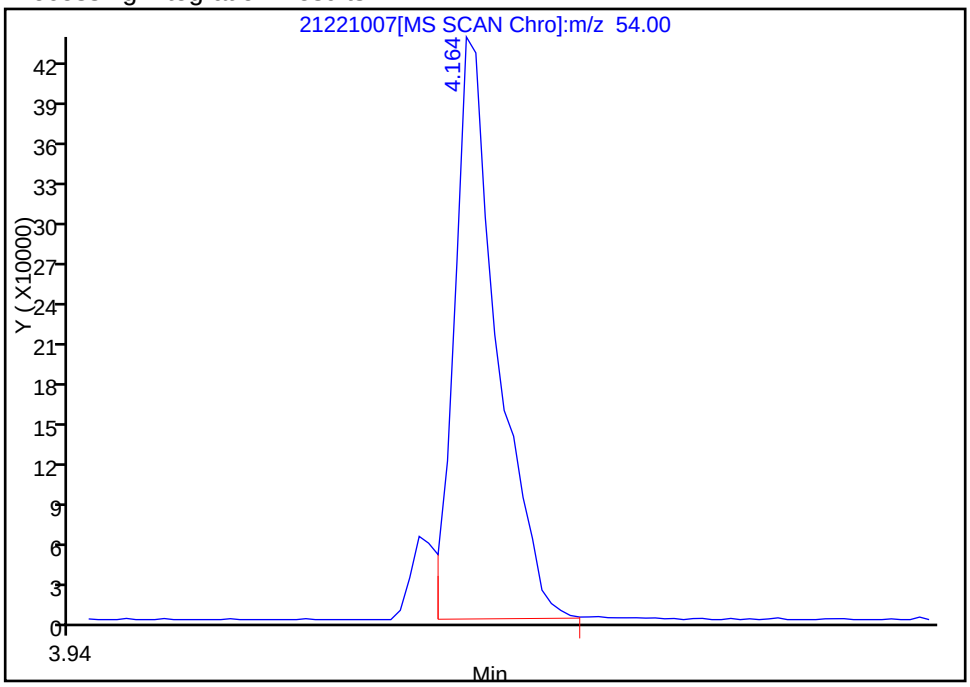
TestAmerica Canton

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

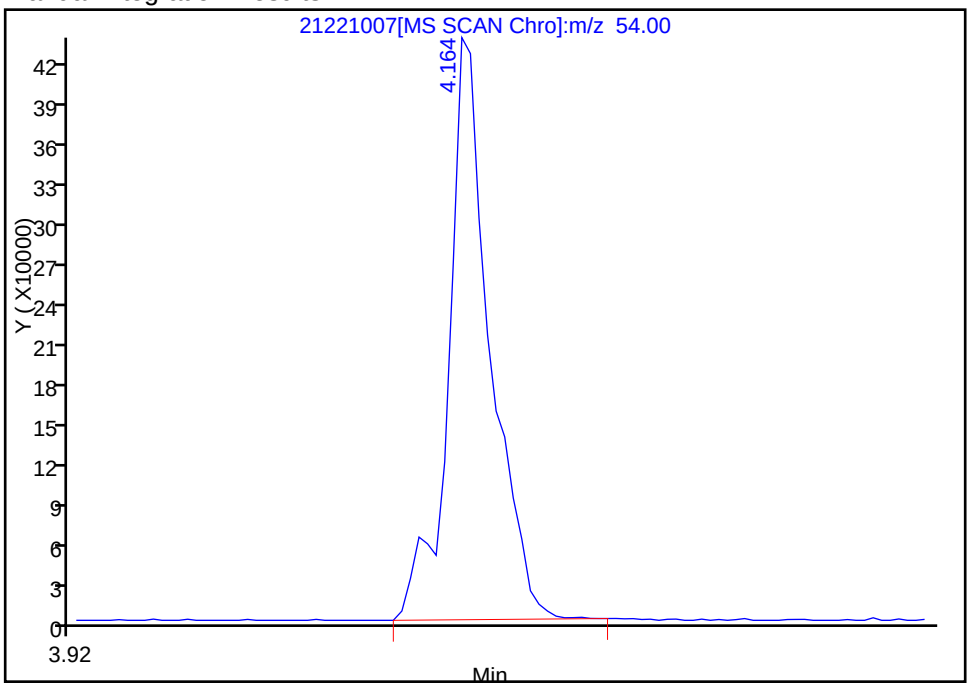
Processing Integration Results

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

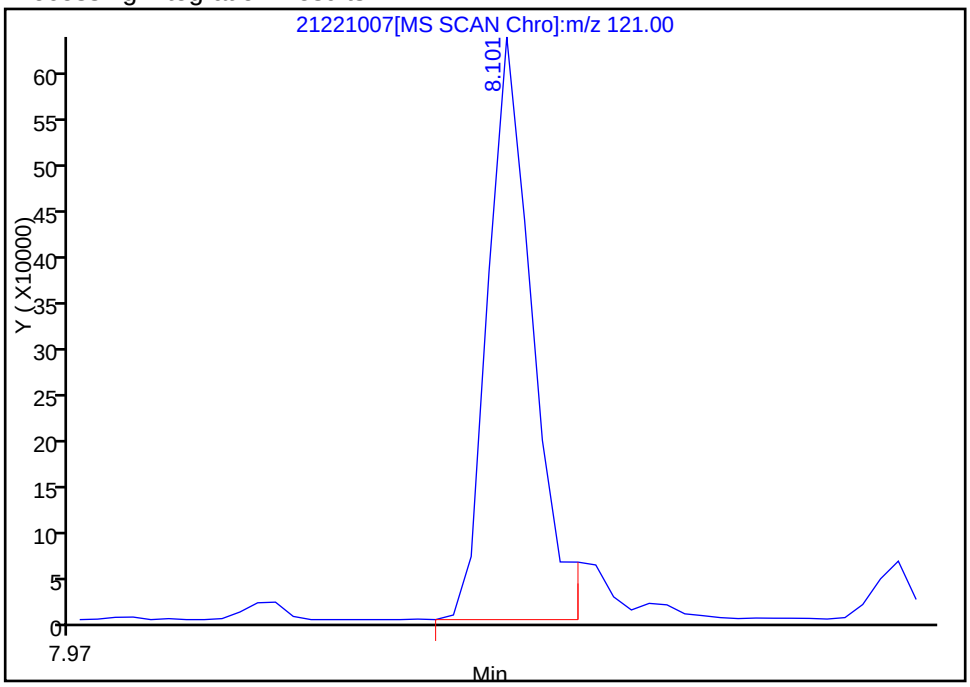
TestAmerica Canton

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

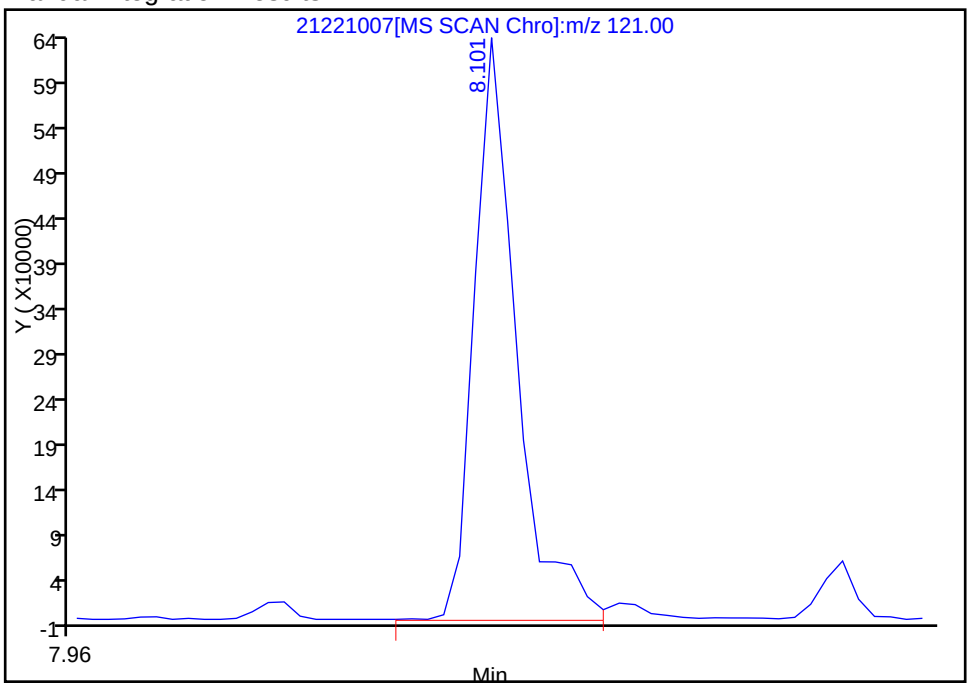
Processing Integration Results

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

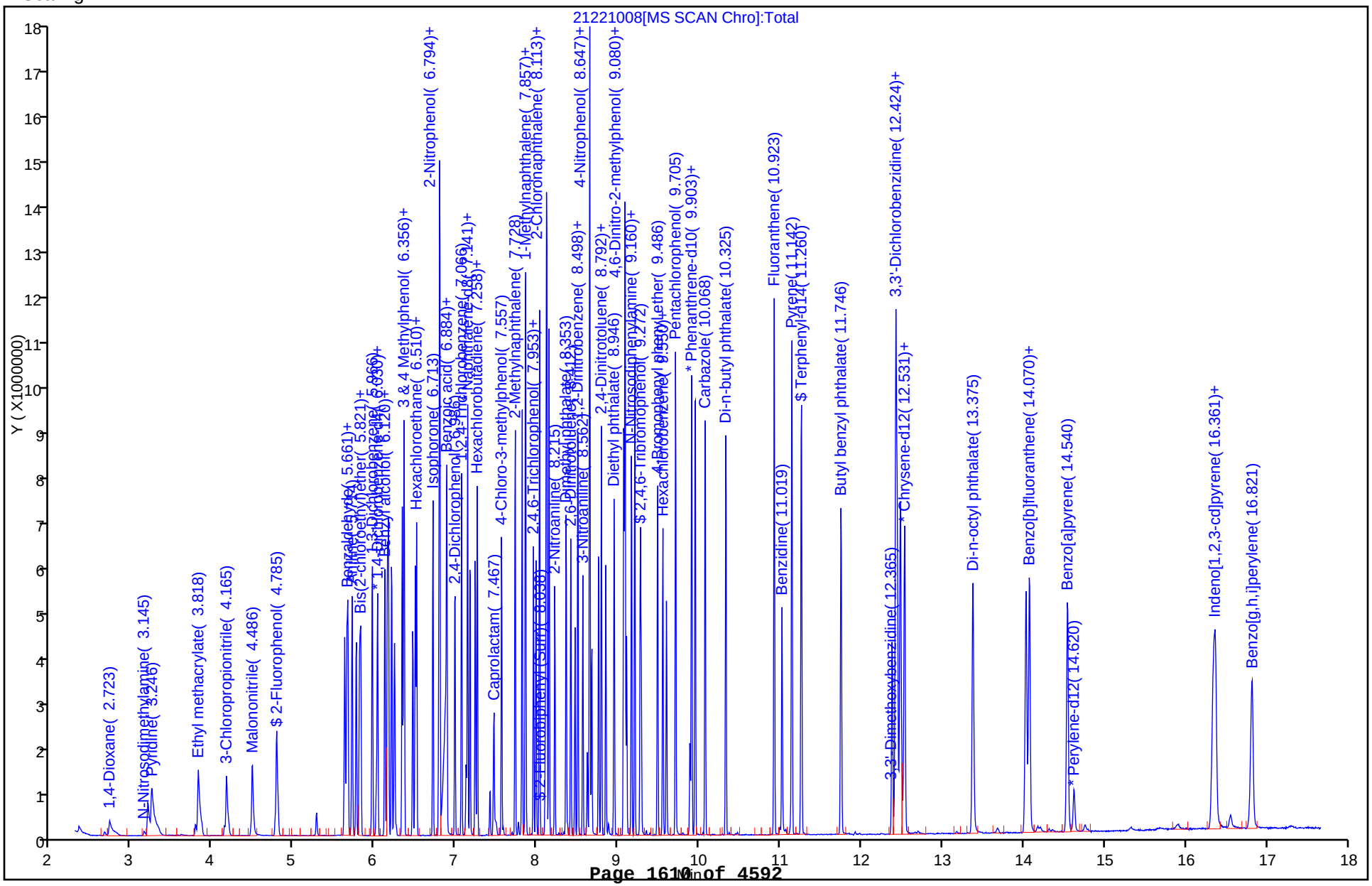
Report Date: 22-Dec-2012 11:07:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

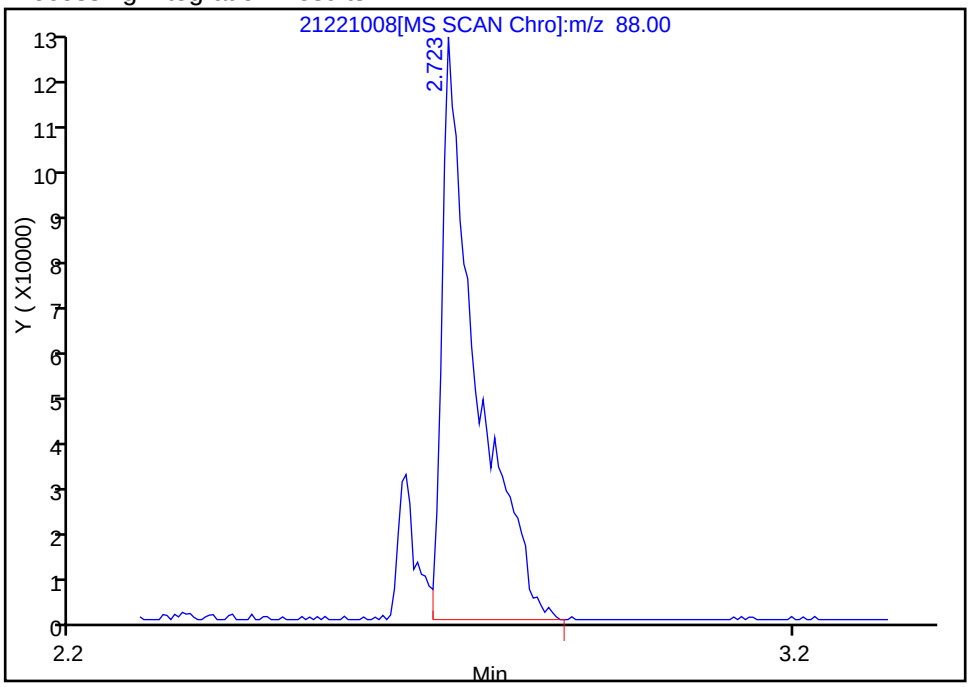
TestAmerica Canton

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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

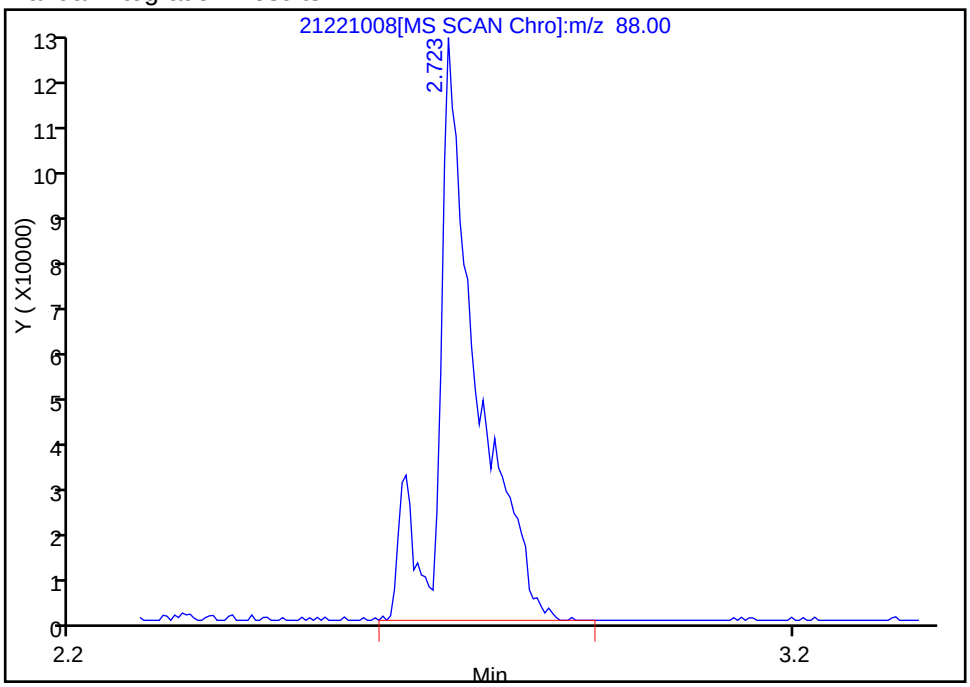
Processing Integration Results

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

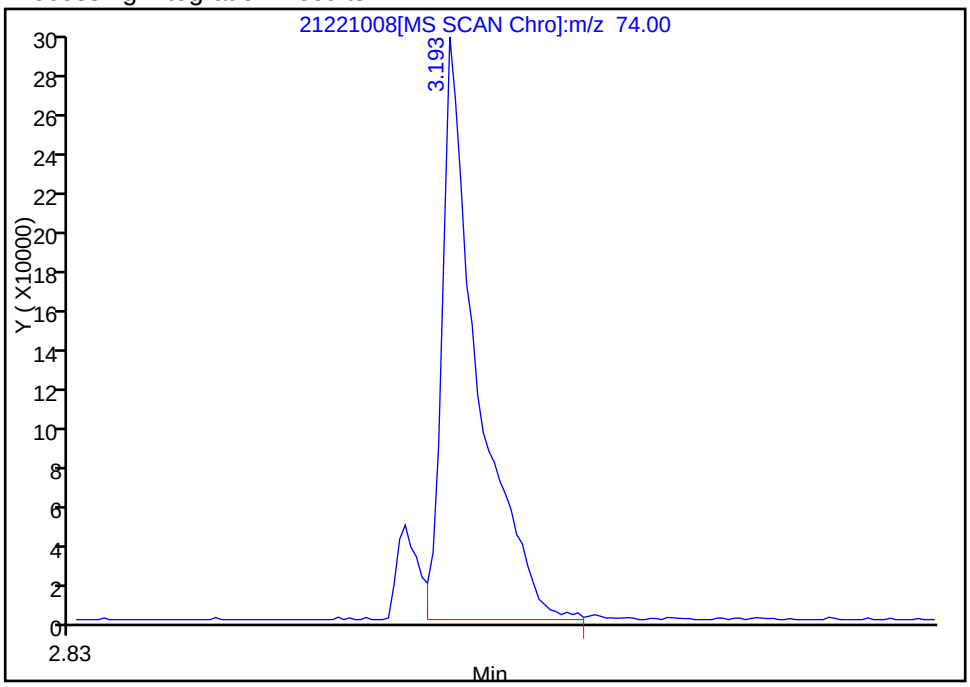
TestAmerica Canton

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

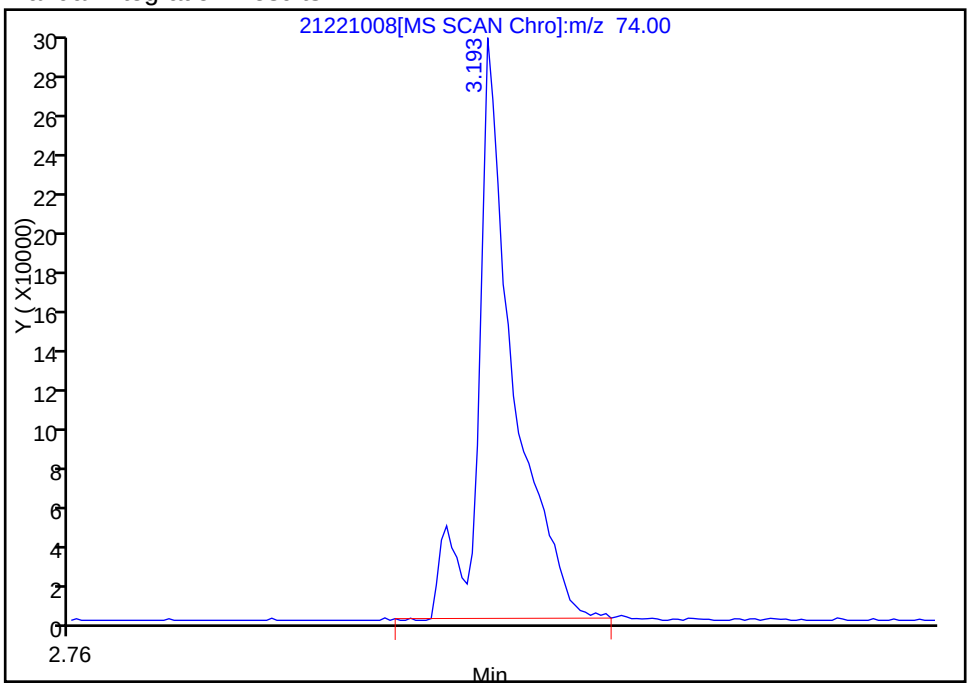
Processing Integration Results

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

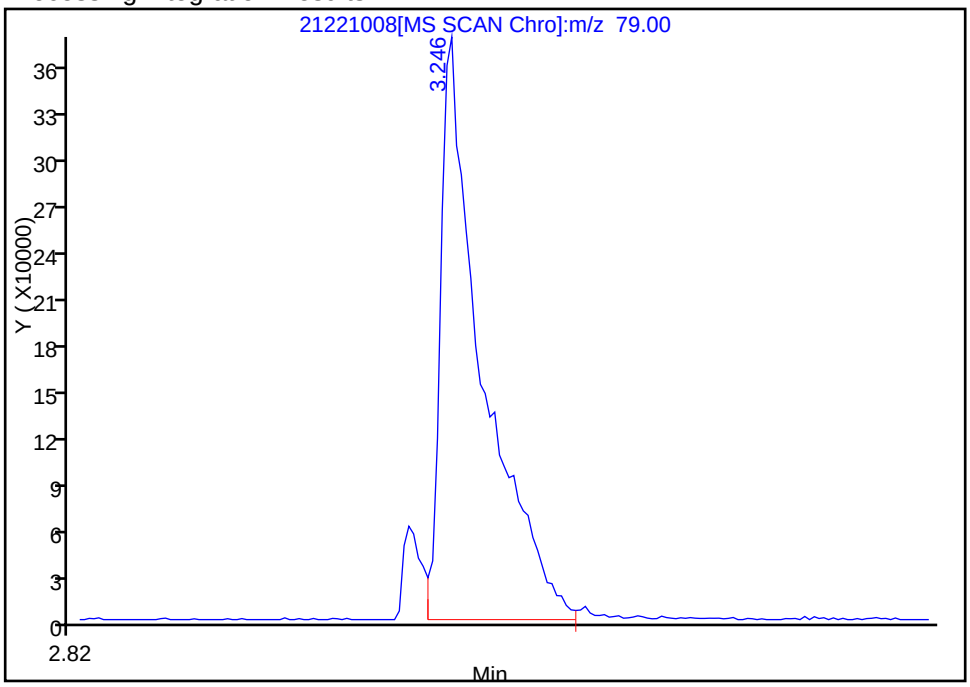
TestAmerica Canton

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

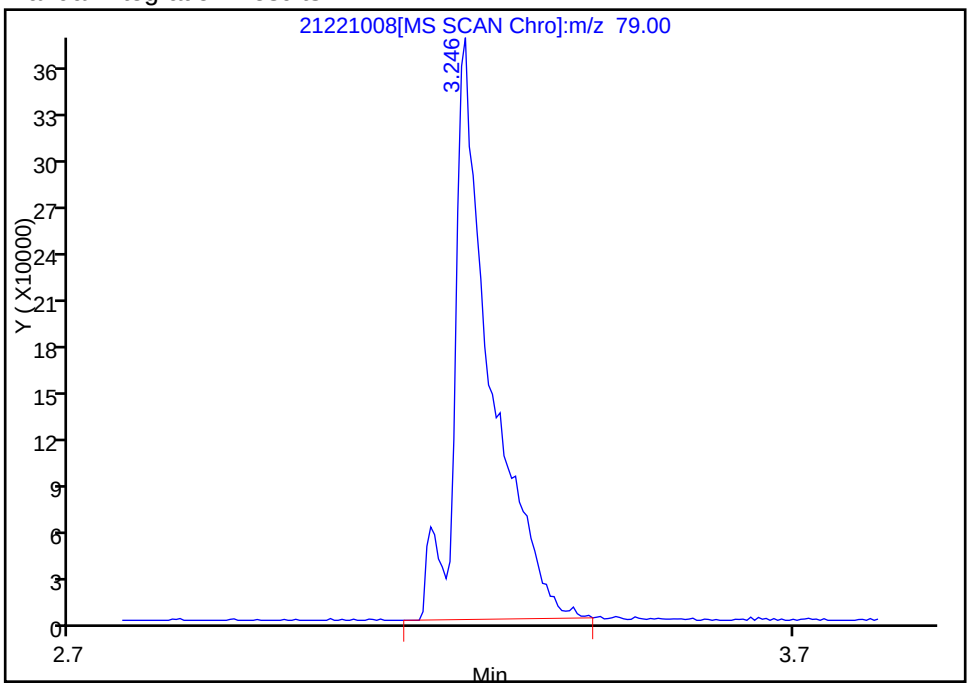
Processing Integration Results

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

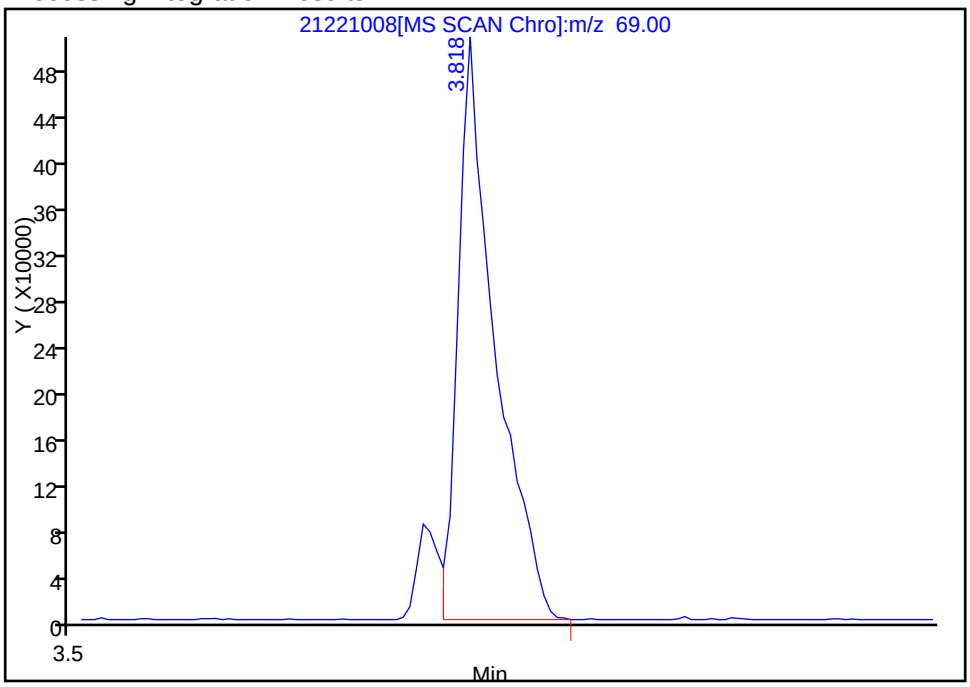
TestAmerica Canton

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

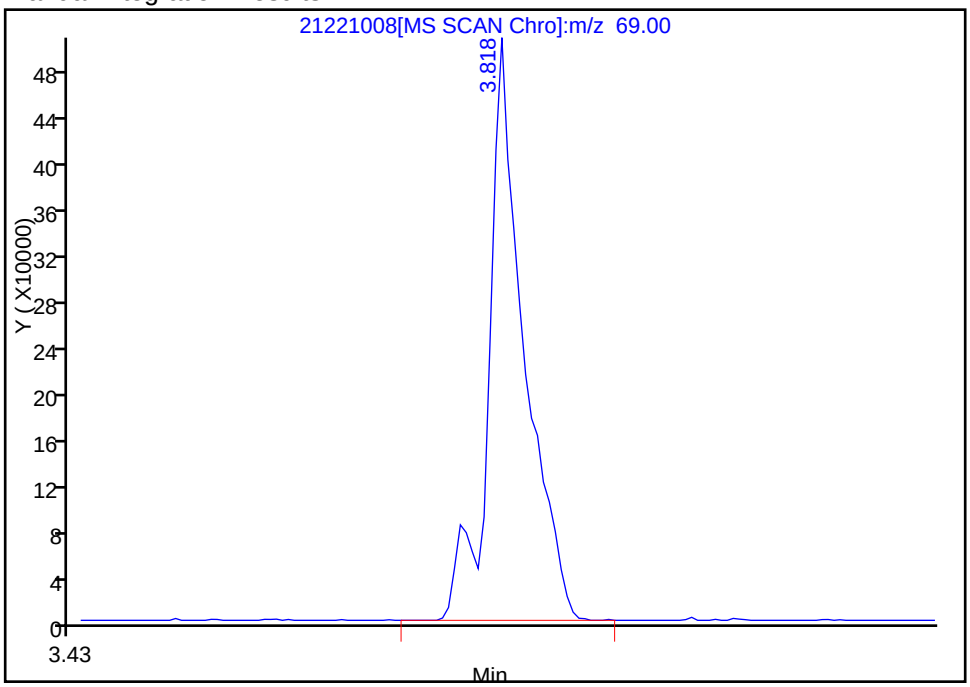
Processing Integration Results

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

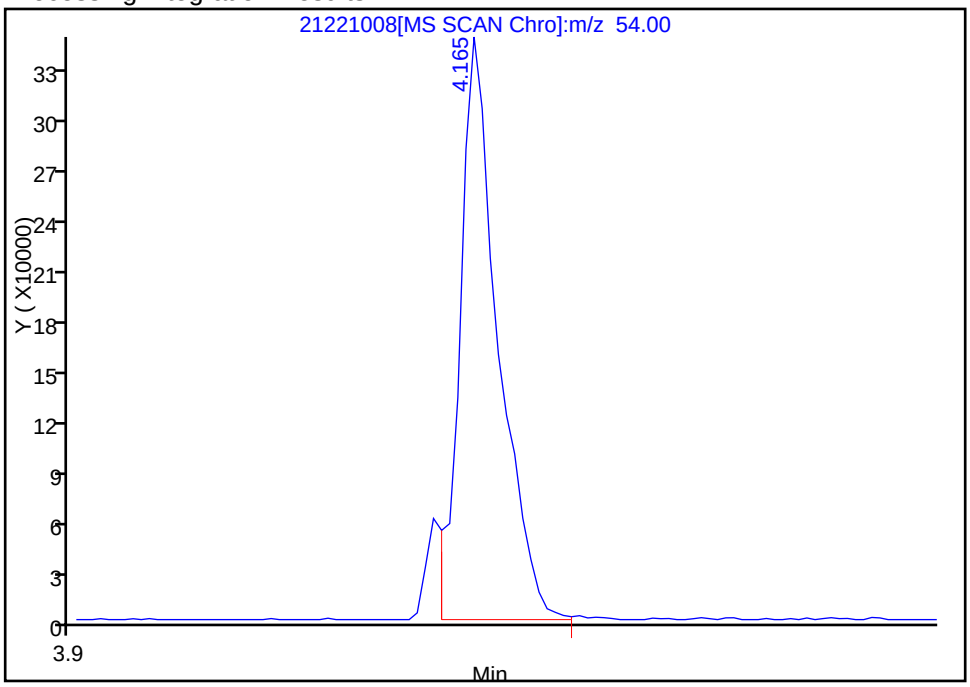
TestAmerica Canton

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

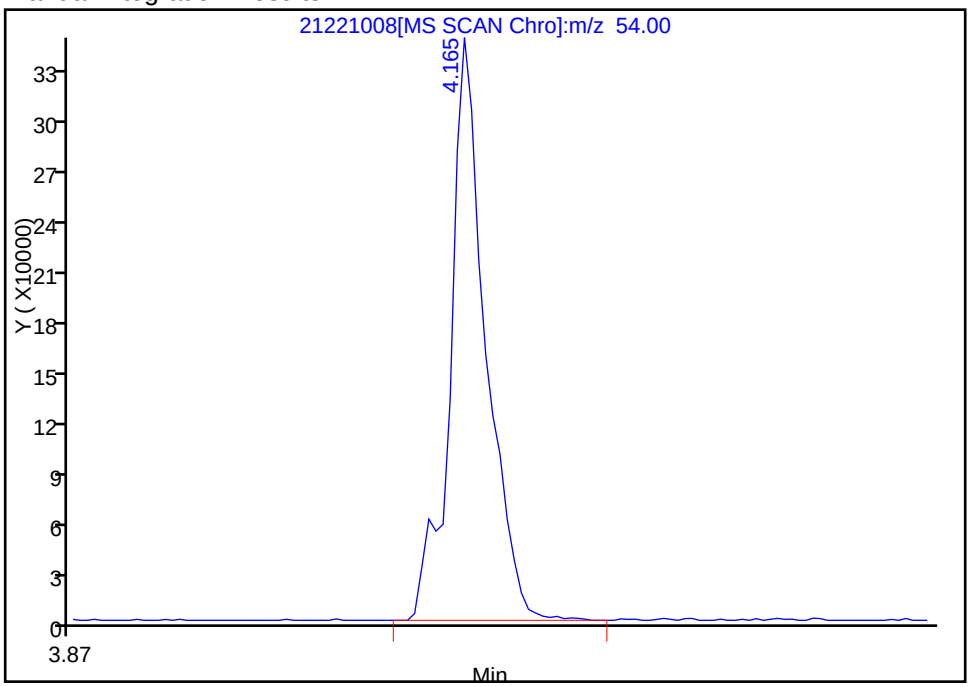
Processing Integration Results

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

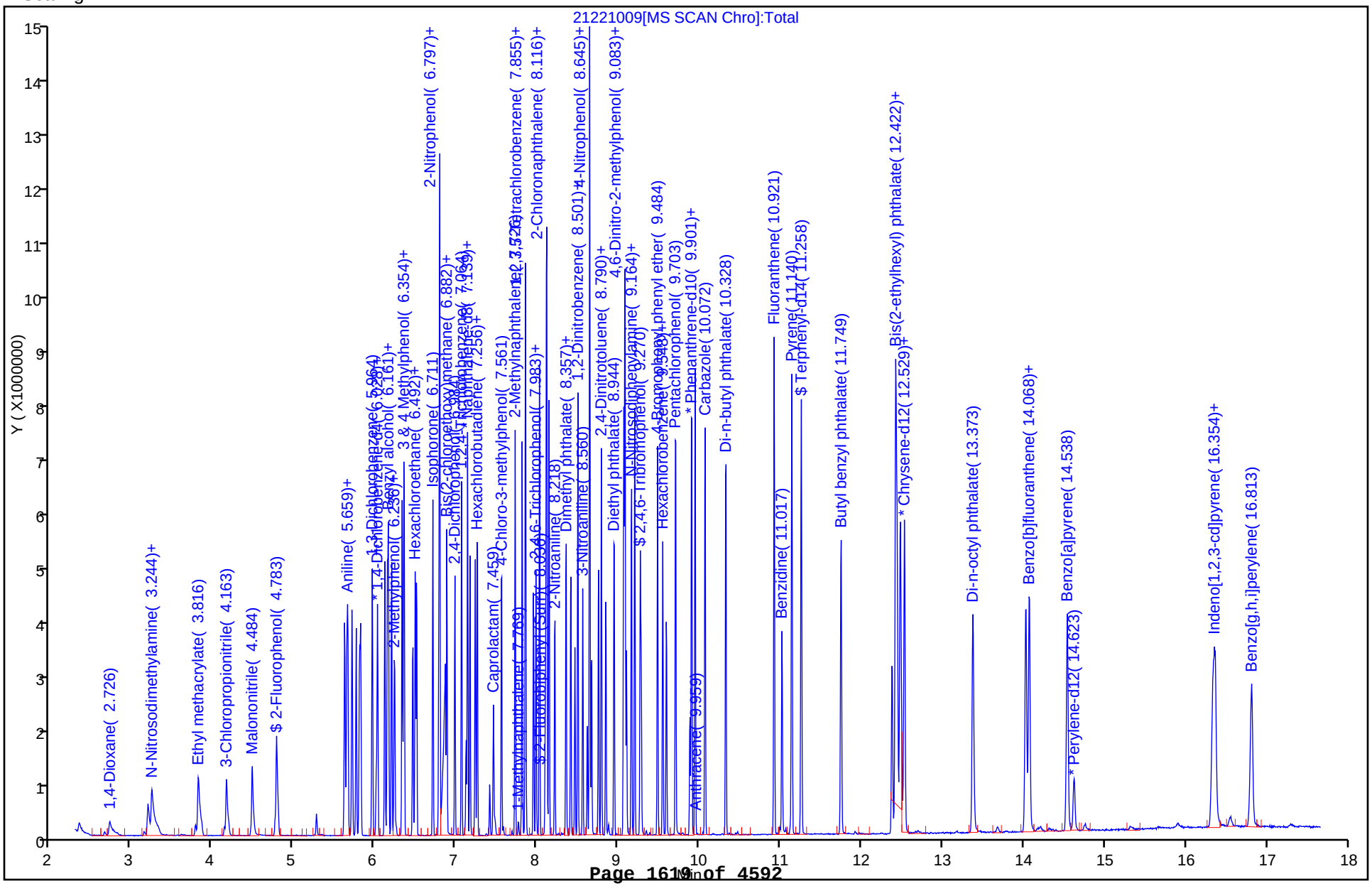
Report Date: 22-Dec-2012 11:07:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

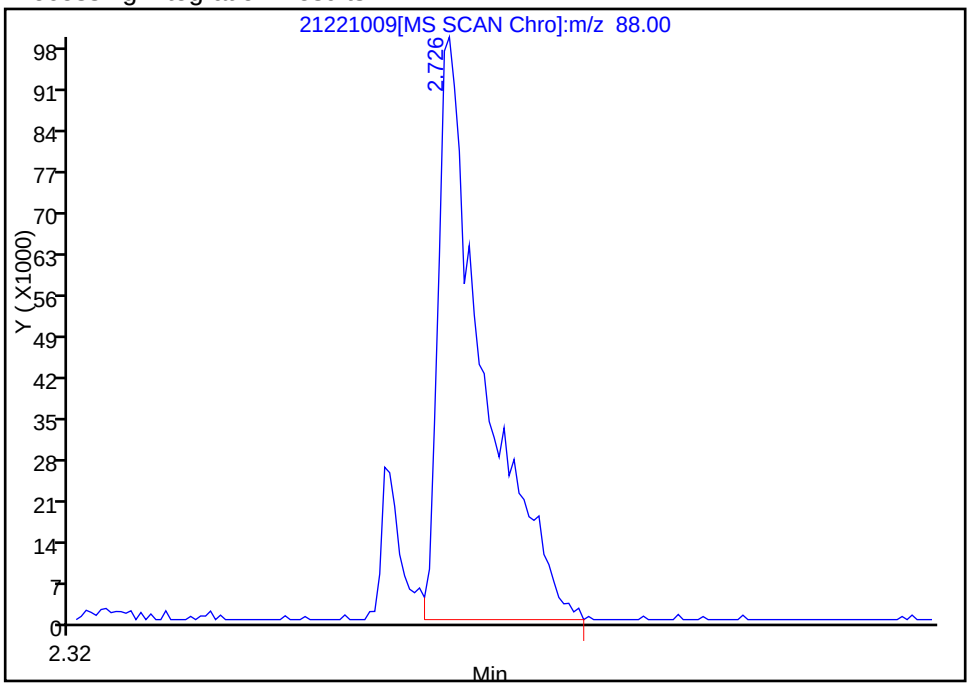
TestAmerica Canton

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

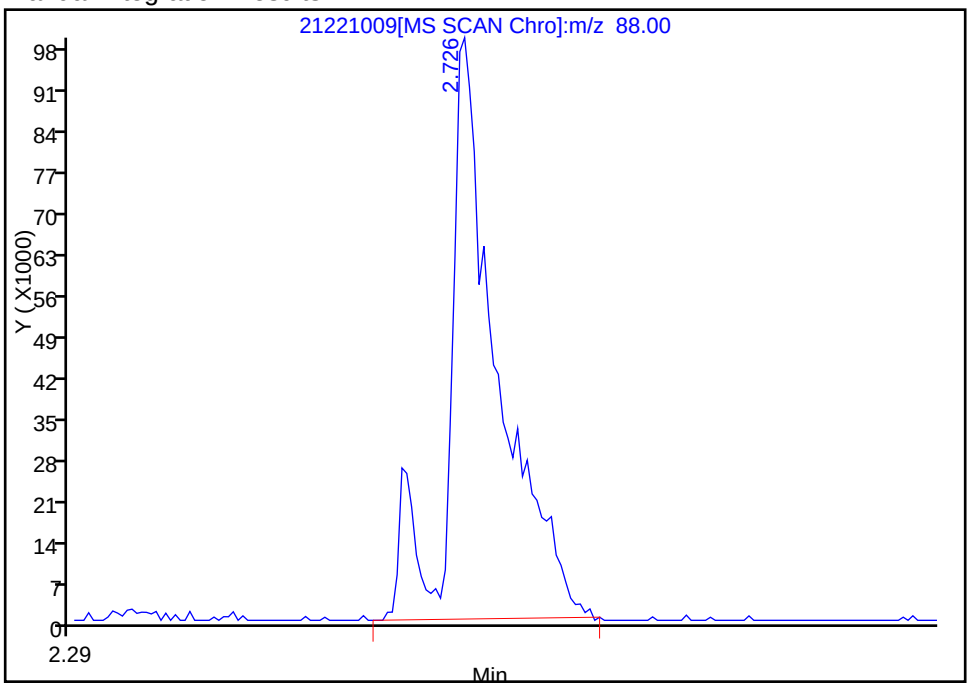
Processing Integration Results

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

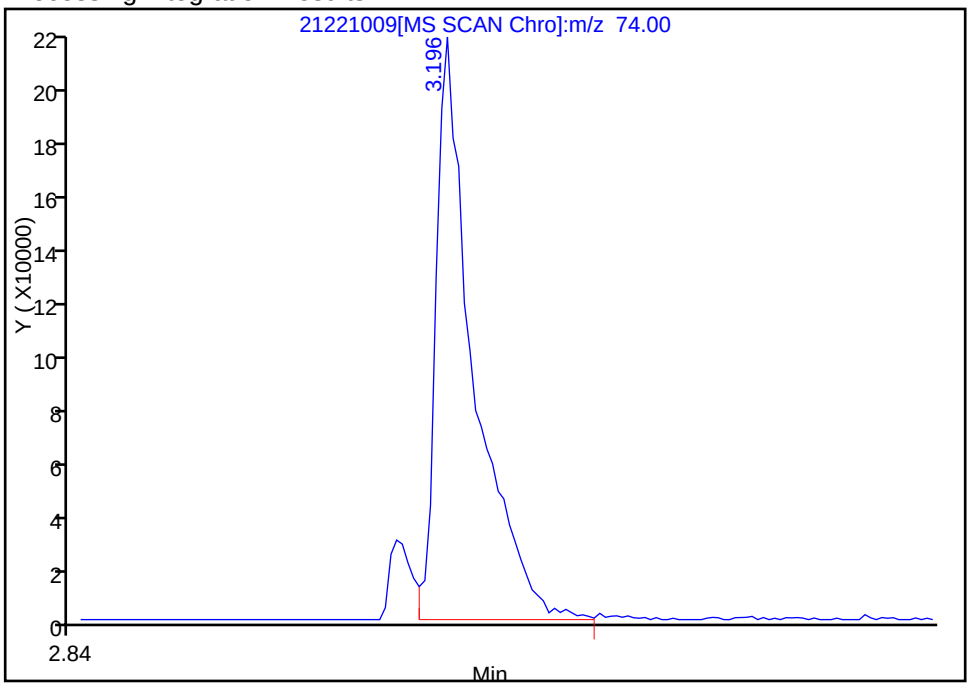
TestAmerica Canton

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

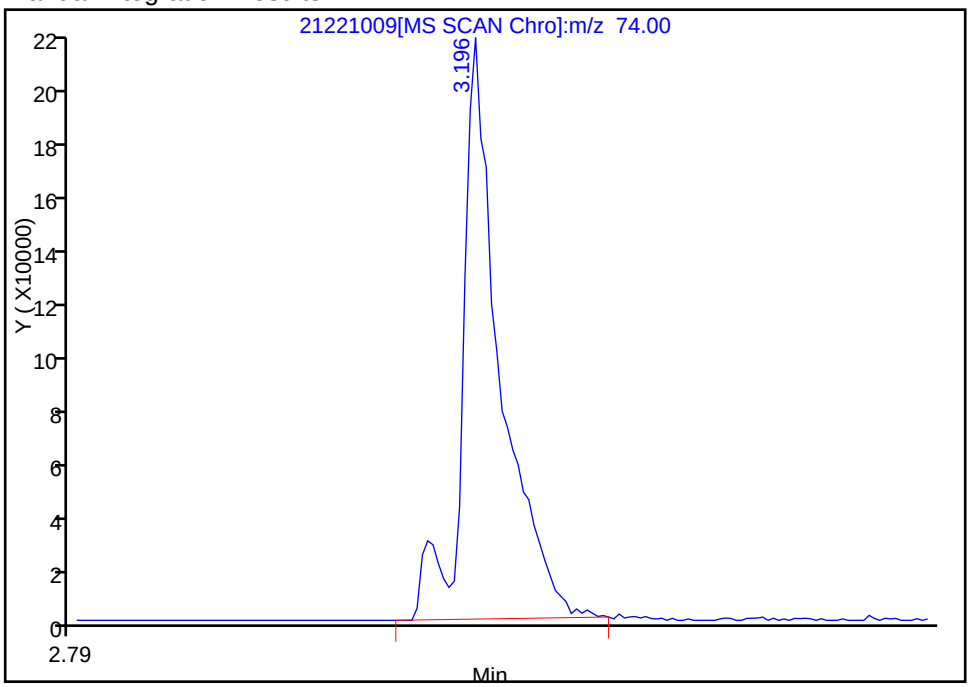
Processing Integration Results

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

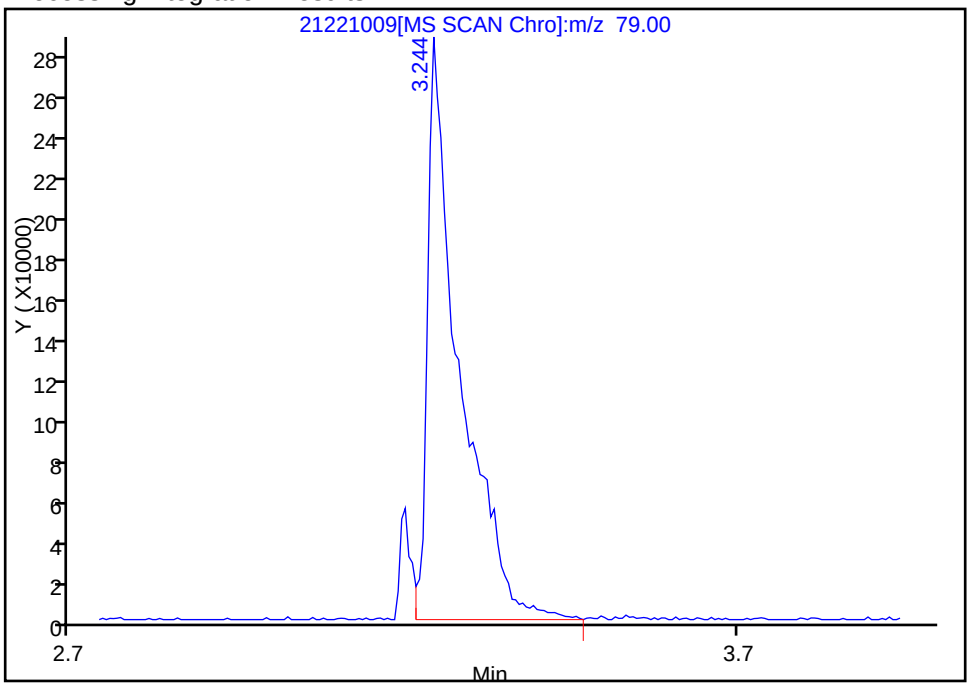
TestAmerica Canton

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

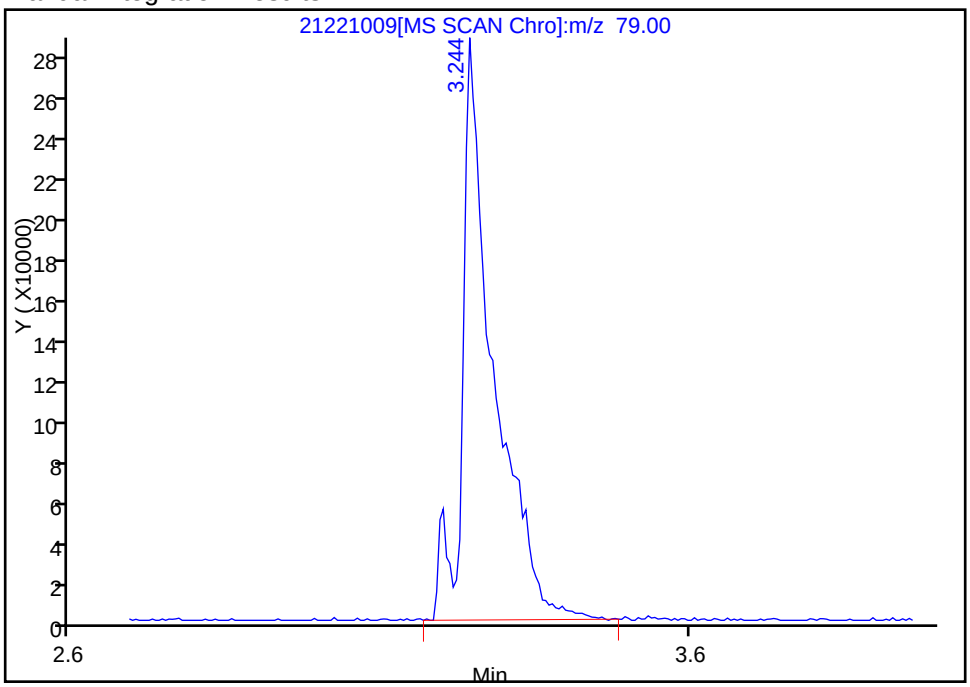
Processing Integration Results

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

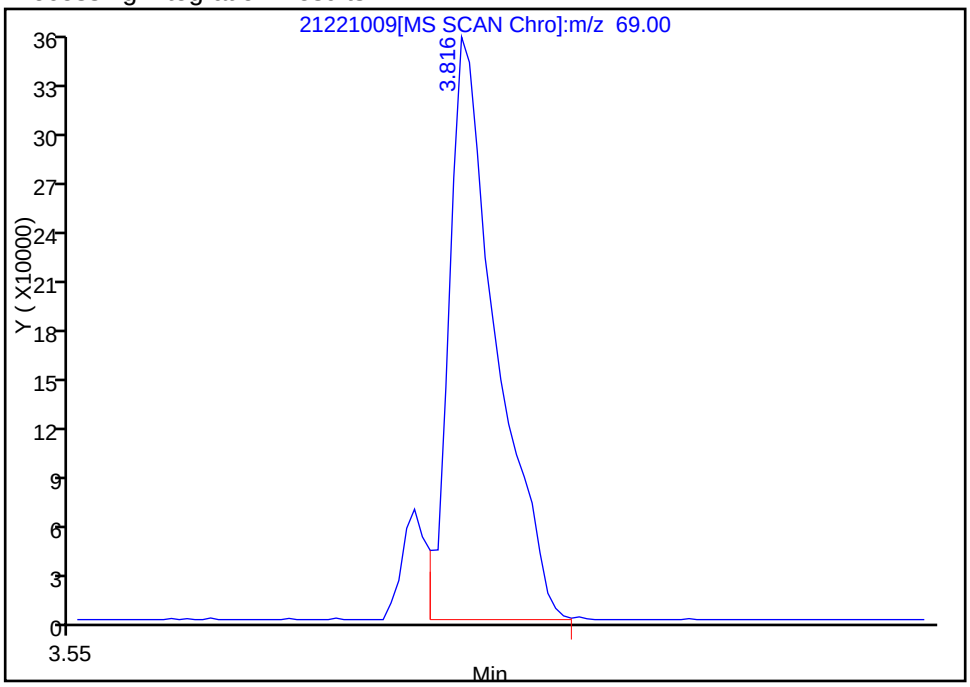
TestAmerica Canton

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

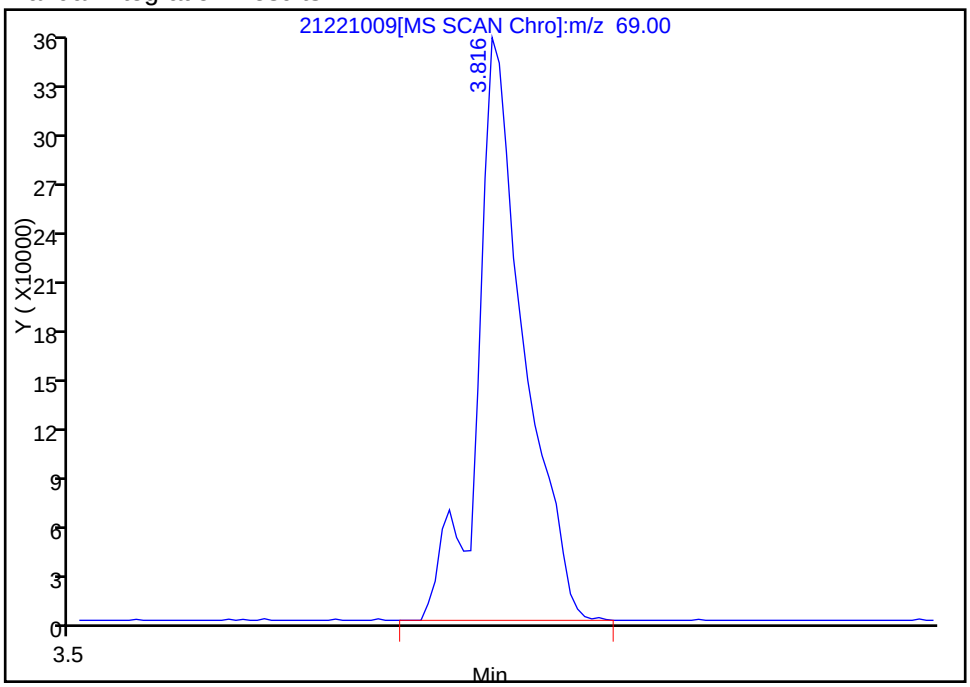
Processing Integration Results

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

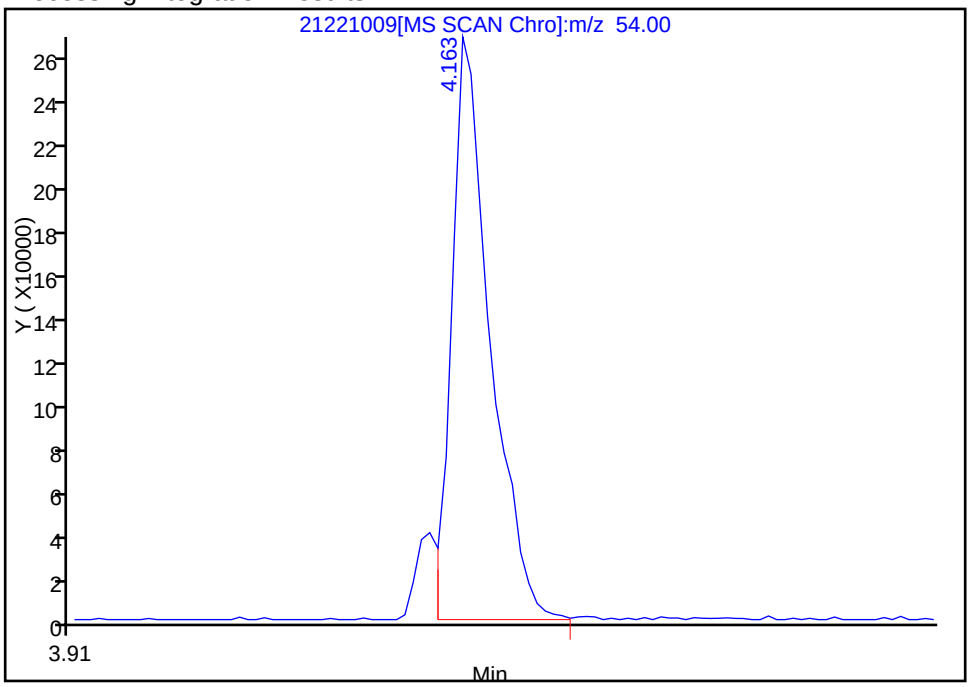
TestAmerica Canton

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

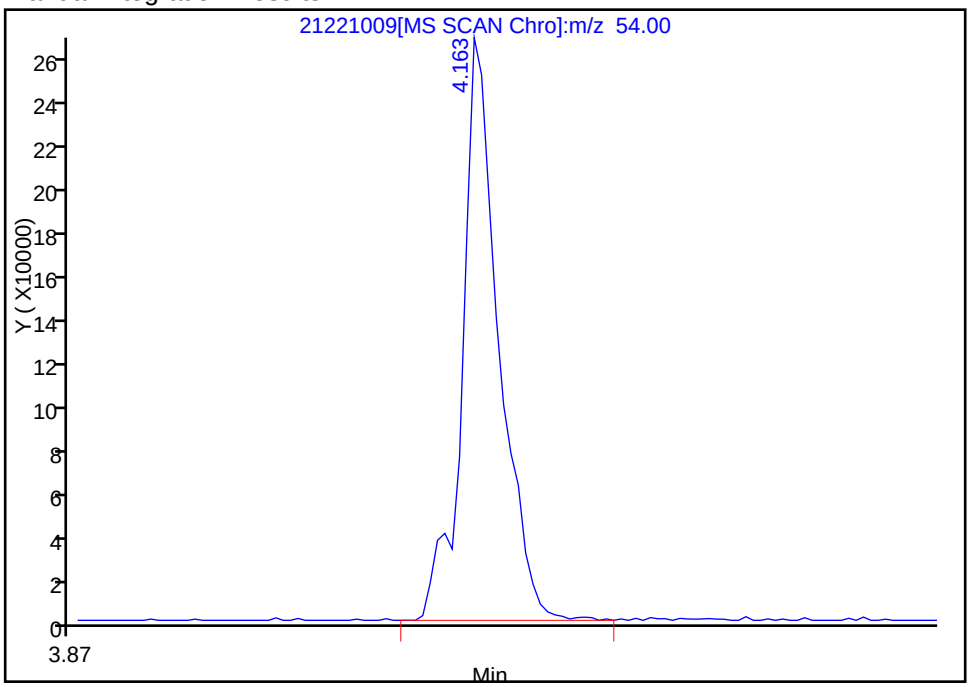
Processing Integration Results

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

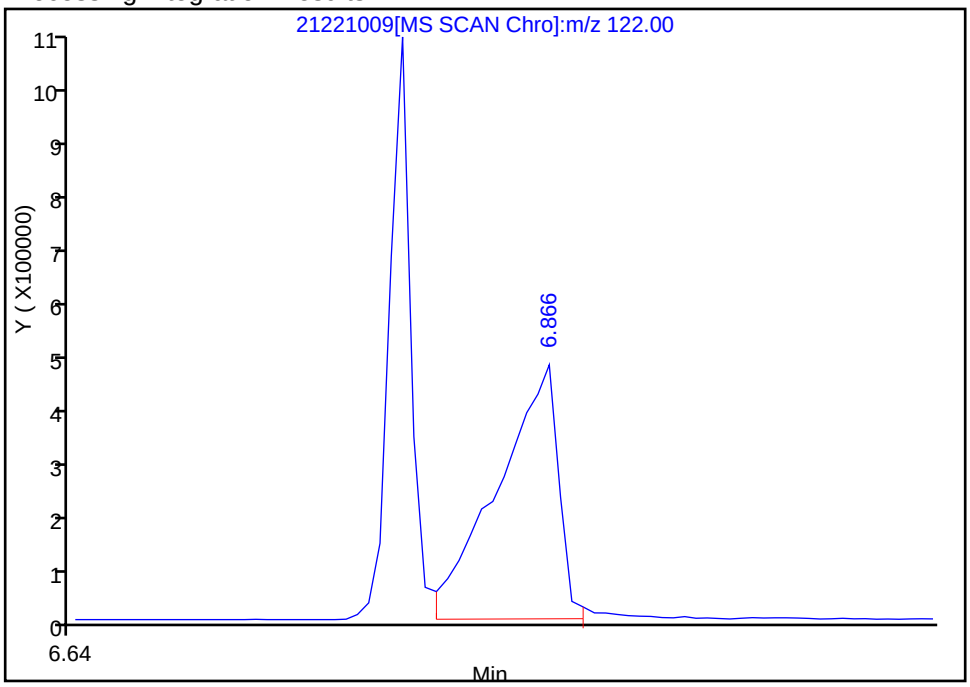
TestAmerica Canton

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

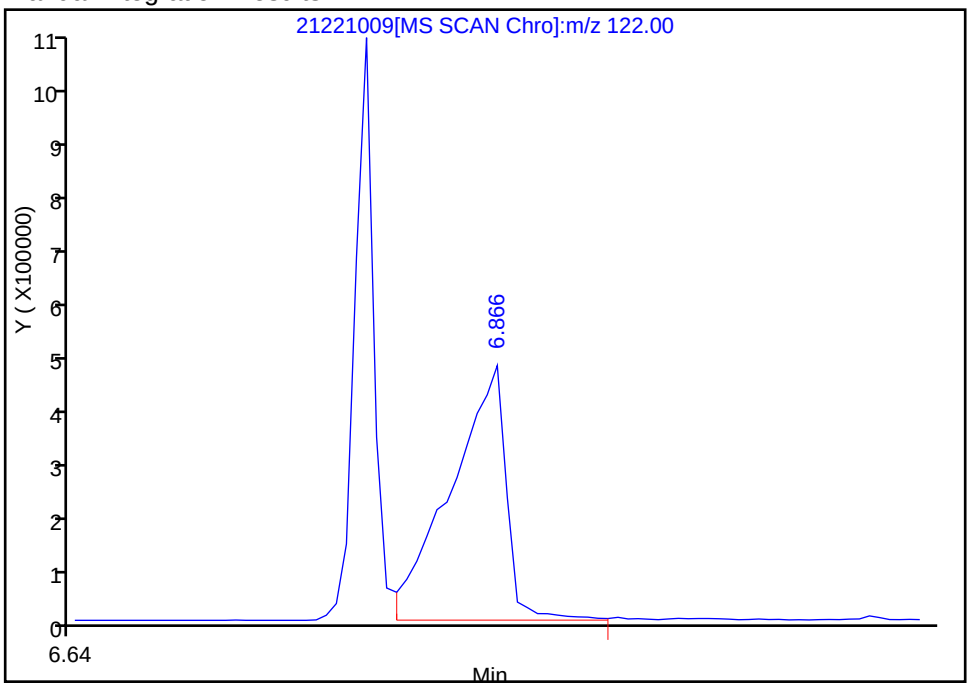
Processing Integration Results

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

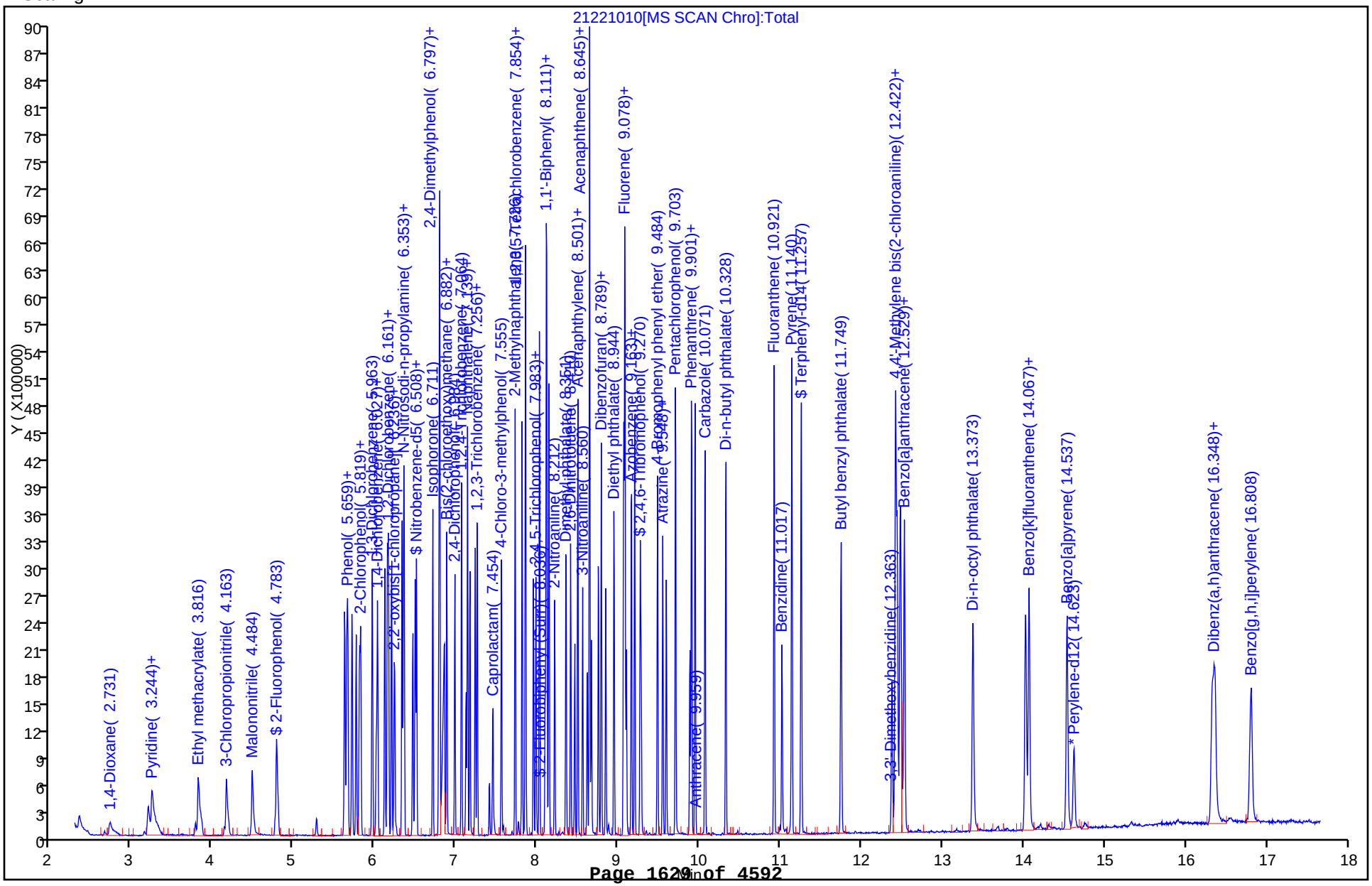
Report Date: 22-Dec-2012 11:07:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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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

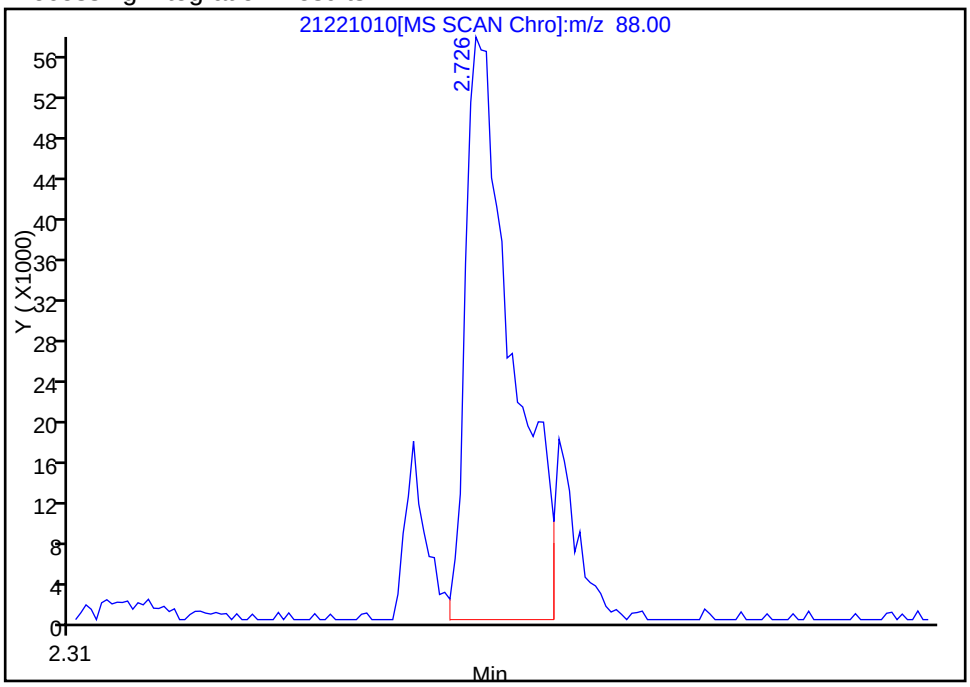
TestAmerica Canton

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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

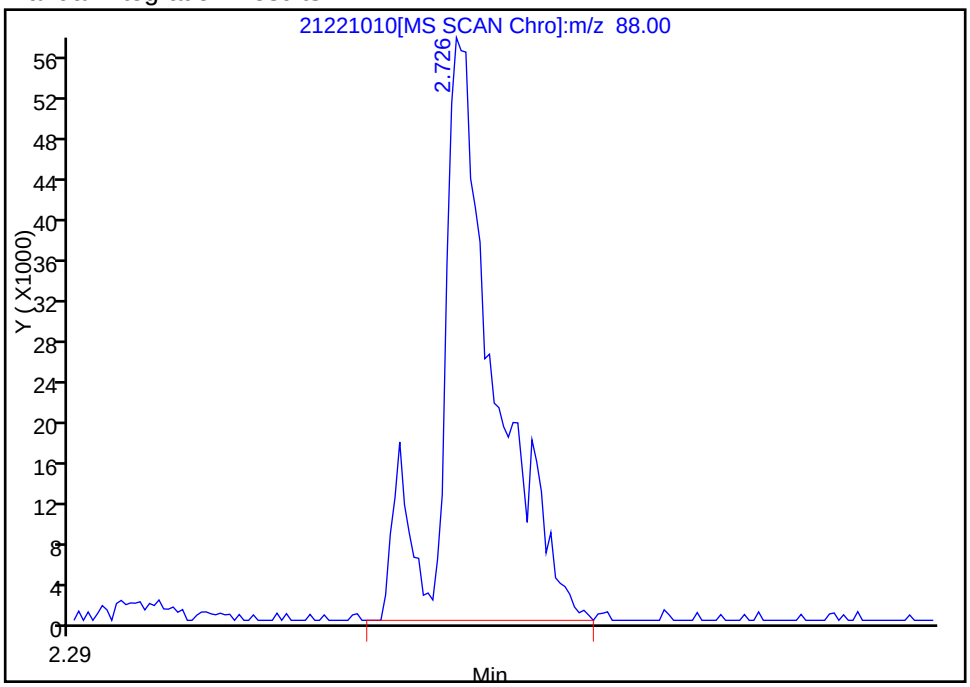
Processing Integration Results

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

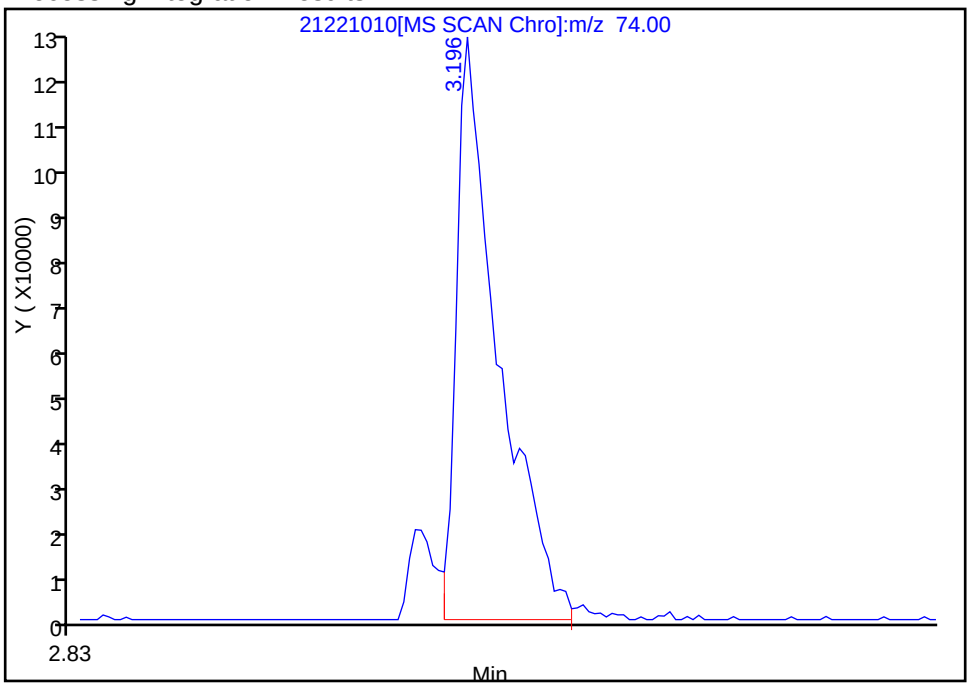
TestAmerica Canton

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

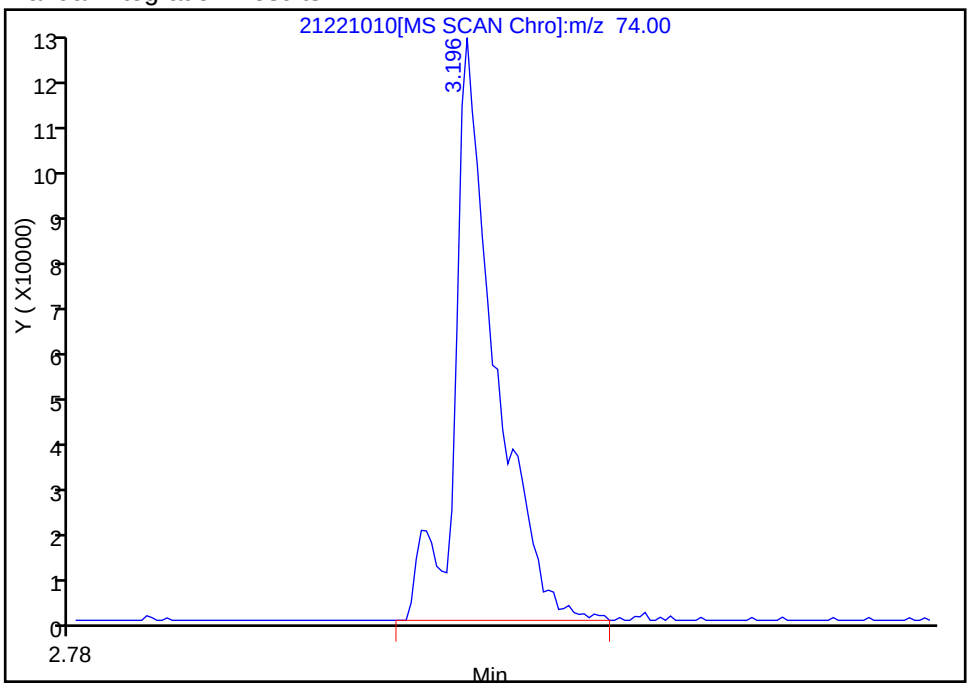
Processing Integration Results

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

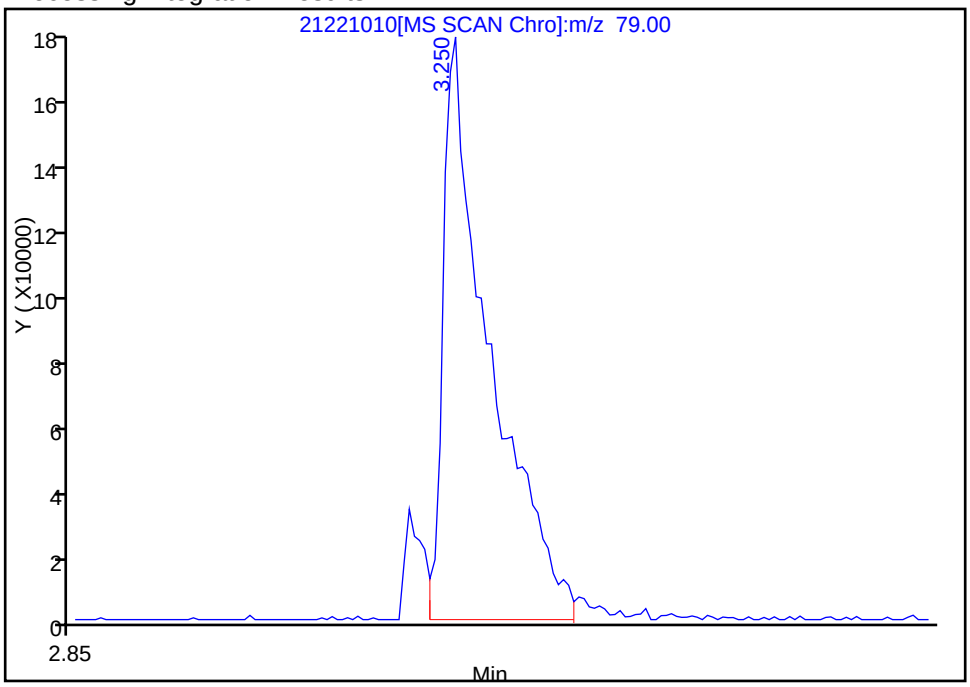
TestAmerica Canton

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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

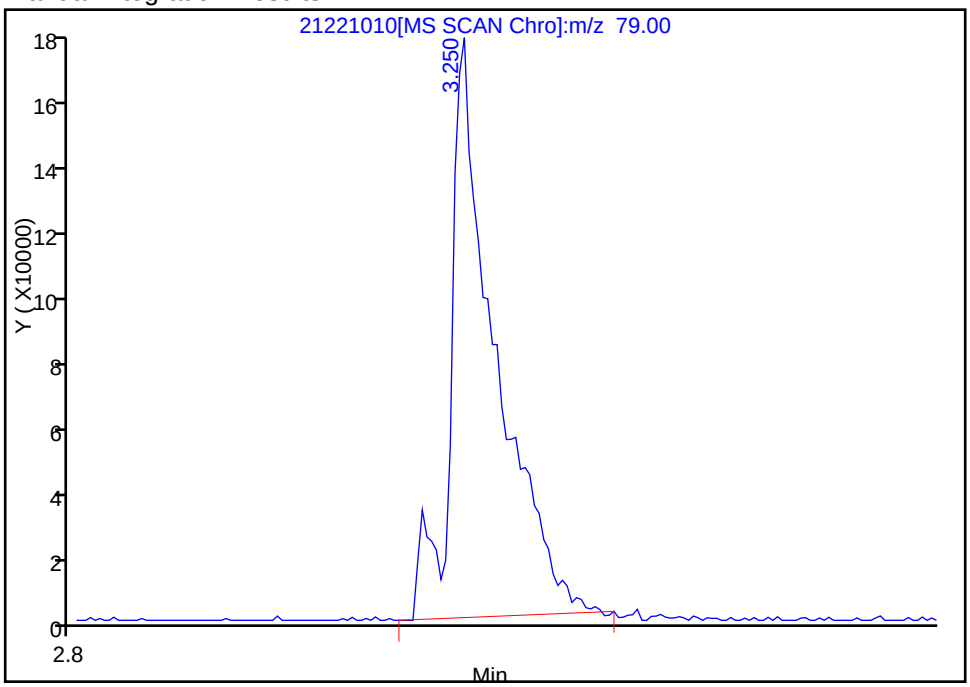
Processing Integration Results

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

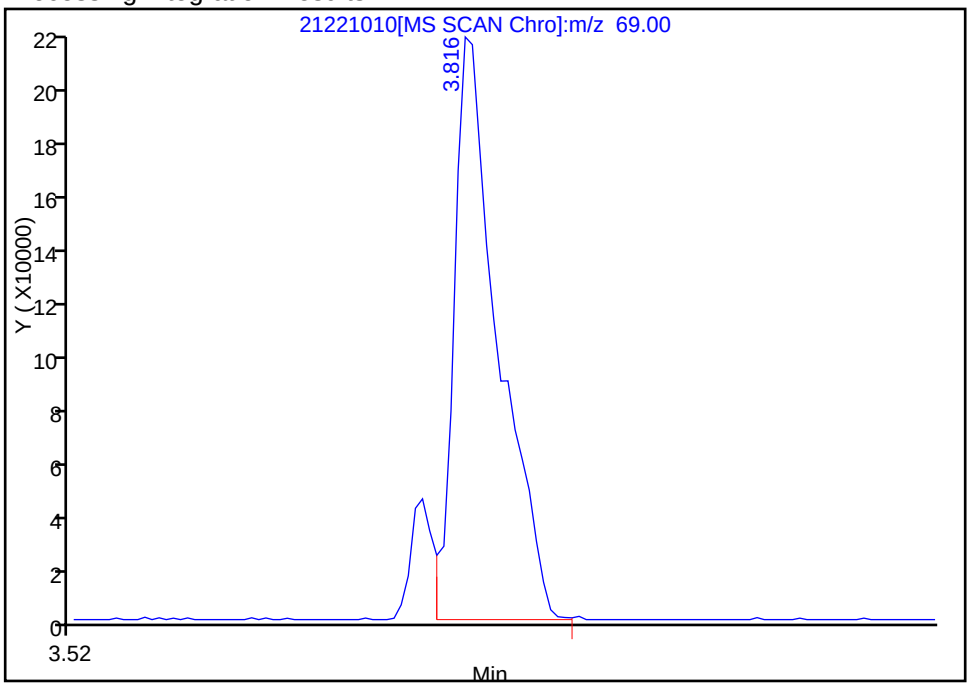
TestAmerica Canton

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

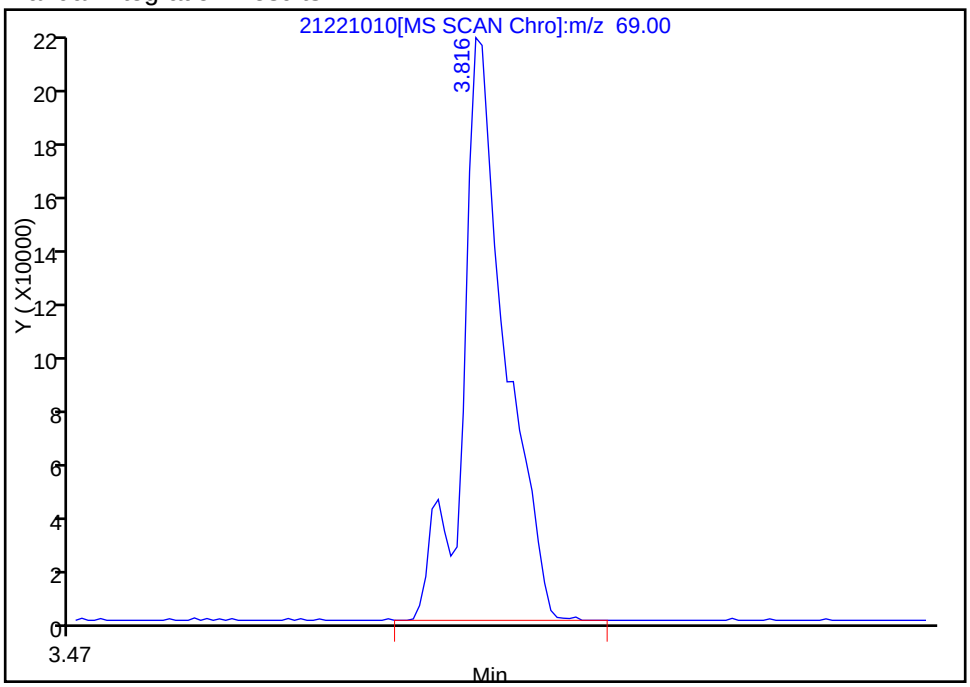
Processing Integration Results

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

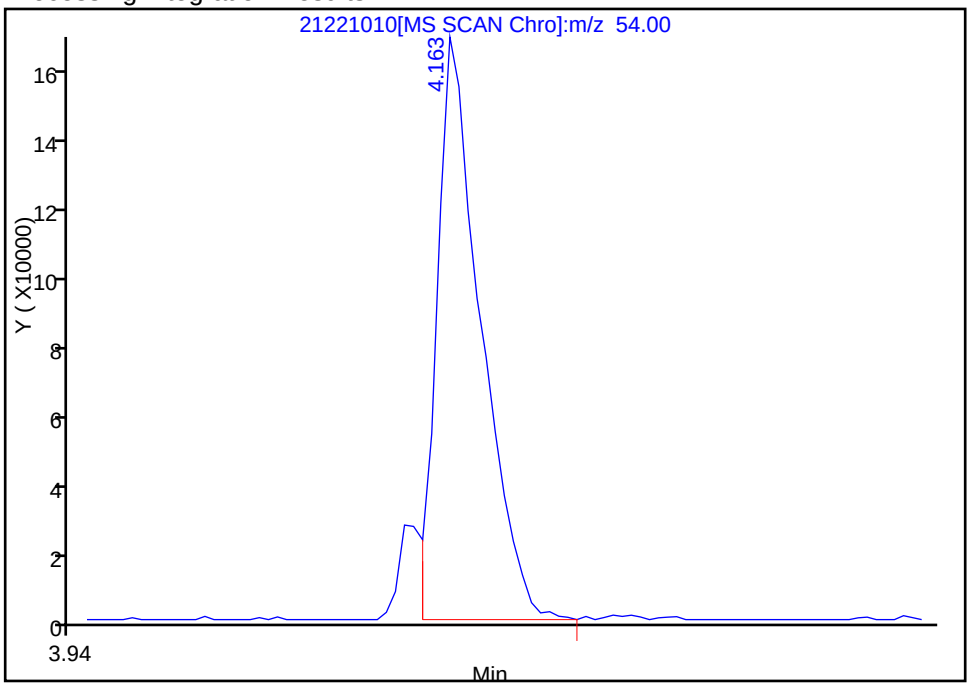
TestAmerica Canton

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

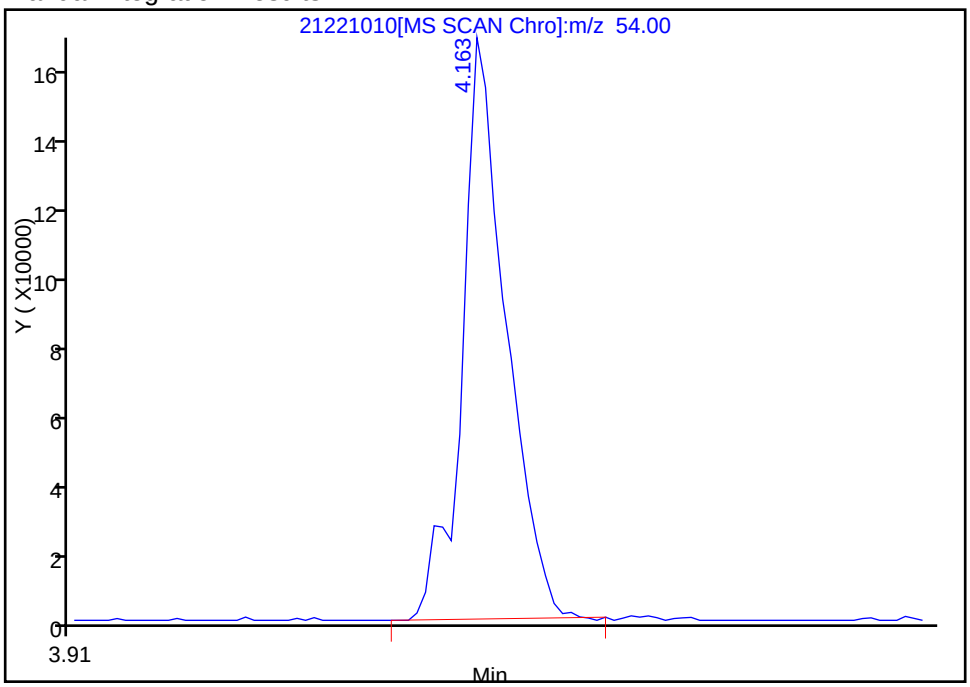
Processing Integration Results

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.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-65876/3 Calibration Date: 11/21/2012 12:04

Instrument ID: A4HP7 Calib Start Date: 11/06/2012 18:22

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/06/2012 21:05

Lab File ID: 21121003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosopyrrolidine	Ave	0.5573	0.6823	0.0500	12.2	10.0	22.4*	20.0
2,6-Dichlorophenol	Ave	0.2496	0.2970	0.0500	11.9	10.0	19.0	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5057	0.5686	0.0500	11.2	10.0	12.4	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121003.D
Lims ID: icv ind
Client ID:
Inject. Date: 21-Nov-2012 12:04:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015157-003
Misc. Info.: icv ind
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 65876
Lims Sample ID: 3
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj
Date: 21-Nov-2012 12:38:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.863	5.863	0.0	96	177147	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	653446	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	90	382015	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	98	646813	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	92	684665	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	96	583062	4.00	
24 1,4-Dioxane	88	2.322	2.322	0.0	90	201729	9.81	
25 N-Nitrosodimethylamine	74	2.761	2.761	0.0	89	349885	9.88	
40 Benzaldehyde	77	5.467	5.467	0.0	92	84729	1.83	
41 Phenol	94	5.521	5.521	0.0	99	773465	10.4	
43 Aniline	93	5.564	5.564	0.0	97	804903	8.68	
44 Bis(2-chloroethyl)ether	93	5.617	5.617	0.0	94	579820	10.1	
46 2-Chlorophenol	128	5.671	5.671	0.0	97	603608	10.1	
47 1,3-Dichlorobenzene	146	5.815	5.815	0.0	97	628196	9.73	
48 1,4-Dichlorobenzene	146	5.879	5.879	0.0	92	646495	10.1	
49 Benzyl alcohol	108	5.981	5.981	0.0	90	398284	10.8	
50 1,2-Dichlorobenzene	146	6.018	6.018	0.0	94	612122	10.0	
51 2-Methylphenol	108	6.072	6.072	0.0	94	543596	10.1	
52 2,2'-oxybis[1-chloropropane]	45	6.099	6.098	0.001	90	859053	10.2	
191 3 & 4 Methylphenol	108	6.200	6.200	0.0	96	570864	10.1	
56 N-Nitrosodi-n-propylamine	70	6.211	6.211	0.0	91	449895	11.2	
55 N-Nitrosopyrrolidine	100	6.195	6.216	-0.021	86	302176	12.2	
57 Acetophenone	105	6.216	6.216	0.0	92	820764	10.3	
60 Hexachloroethane	117	6.323	6.323	0.0	93	254205	9.75	
61 Nitrobenzene	77	6.371	6.371	0.0	88	660182	11.1	
63 Isophorone	82	6.575	6.574	0.001	97	1159205	11.1	
65 2-Nitrophenol	139	6.649	6.649	0.0	96	327696	11.7	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	93	576285	10.5	
69 Benzoic acid	122	6.735	6.735	0.0	89	732247	20.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	93	709536	10.7	
71 2,4-Dichlorophenol	162	6.853	6.853	0.0	95	489269	11.3	
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	93	545042	10.5	
73 Naphthalene	128	7.002	7.002	0.0	97	1765860	10.8	
74 4-Chloroaniline	127	7.040	7.040	0.0	87	735481	10.6	
75 2,6-Dichlorophenol	162	7.051	7.066	-0.015	97	485255	11.9	
77 Hexachlorobutadiene	225	7.104	7.104	0.0	93	308594	11.0	
83 Caprolactam	113	7.323	7.323	0.0	78	175336	10.7	
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	97	530067	11.4	
85 2-Methylnaphthalene	142	7.596	7.596	0.0	90	1115557	10.7	
88 Hexachlorocyclopentadiene	237	7.725	7.724	0.001	92	356944	11.5	
89 1,2,4,5-Tetrachlorobenzene	216	7.735	7.751	-0.016	97	542992	11.2	
90 2,4,6-Trichlorophenol	196	7.821	7.826	-0.005	92	363528	11.3	
91 2,4,5-Trichlorophenol	196	7.853	7.853	0.0	94	388156	11.2	
95 1,1'-Biphenyl	154	7.981	7.987	-0.006	95	1453465	10.8	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	96	1118029	10.6	
100 2-Nitroaniline	65	8.083	8.083	0.0	81	354609	11.5	
103 Dimethyl phthalate	163	8.222	8.222	0.0	98	1234629	11.0	
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	94	274624	10.6	
107 Acenaphthylene	152	8.366	8.361	0.005	91	1826368	10.5	
108 3-Nitroaniline	138	8.431	8.425	0.006	96	314364	11.2	
110 Acenaphthene	153	8.511	8.511	0.0	89	1081151	10.3	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	85	371571	20.9	
111 4-Nitrophenol	109	8.548	8.548	0.0	94	176528	10.9	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	92	377306	10.8	
114 Dibenzofuran	168	8.655	8.655	0.0	89	1609834	10.4	
117 2,3,4,6-Tetrachlorophenol	232	8.746	8.762	-0.016	73	298804	10.7	
119 Diethyl phthalate	149	8.816	8.816	0.0	98	1266760	10.8	
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	92	634542	10.7	
123 4-Nitroaniline	138	8.944	8.944	0.0	49	288035	9.37	
124 Fluorene	166	8.944	8.944	0.0	91	1307463	10.5	
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	83	231817	10.8	
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	937504	10.5	
131 Azobenzene	77	9.062	9.062	0.0	99	1371495	10.9	
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	62	365346	11.1	
139 Hexachlorobenzene	284	9.409	9.409	0.0	91	381632	11.2	
140 Atrazine	200	9.458	9.457	0.001	93	180624	7.44	
141 Pentachlorophenol	266	9.564	9.564	0.0	86	497747	21.5	
146 Phenanthrene	178	9.757	9.757	0.0	97	1859306	10.5	
147 Anthracene	178	9.800	9.800	0.0	97	1909227	10.9	
149 Carbazole	167	9.928	9.928	0.0	82	1797762	10.5	
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	100	2171394	11.3	
157 Fluoranthene	202	10.763	10.762	0.001	97	2147977	11.0	
158 Benzidine	184	10.859	10.859	0.0	97	76849	1.06	
160 Pyrene	202	10.966	10.971	-0.005	96	2170507	9.94	
166 Butyl benzyl phthalate	149	11.554	11.549	0.005	97	930260	10.3	
173 3,3'-Dichlorobenzidine	252	12.191	12.191	0.0	70	596899	7.89	
171 Bis(2-ethylhexyl) phthalate	149	12.207	12.207	0.0	96	1288902	10.1	
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	96	1965064	10.3	
176 Chrysene	228	12.287	12.287	0.0	94	1873123	10.3	
178 Di-n-octyl phthalate	149	13.100	13.100	0.0	99	2154786	10.1	
180 Benzo[b]fluoranthene	252	13.720	13.726	-0.006	94	1821558	9.79	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	95	2077381	10.3	
182 Benzo[a]pyrene	252	14.218	14.212	0.006	77	1699586	8.86	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	98	2138028	10.1	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	73	1805698	10.0	
188 Benzo[g,h,i]perylene	276	16.357	16.362	-0.005	93	1852387	11.1	

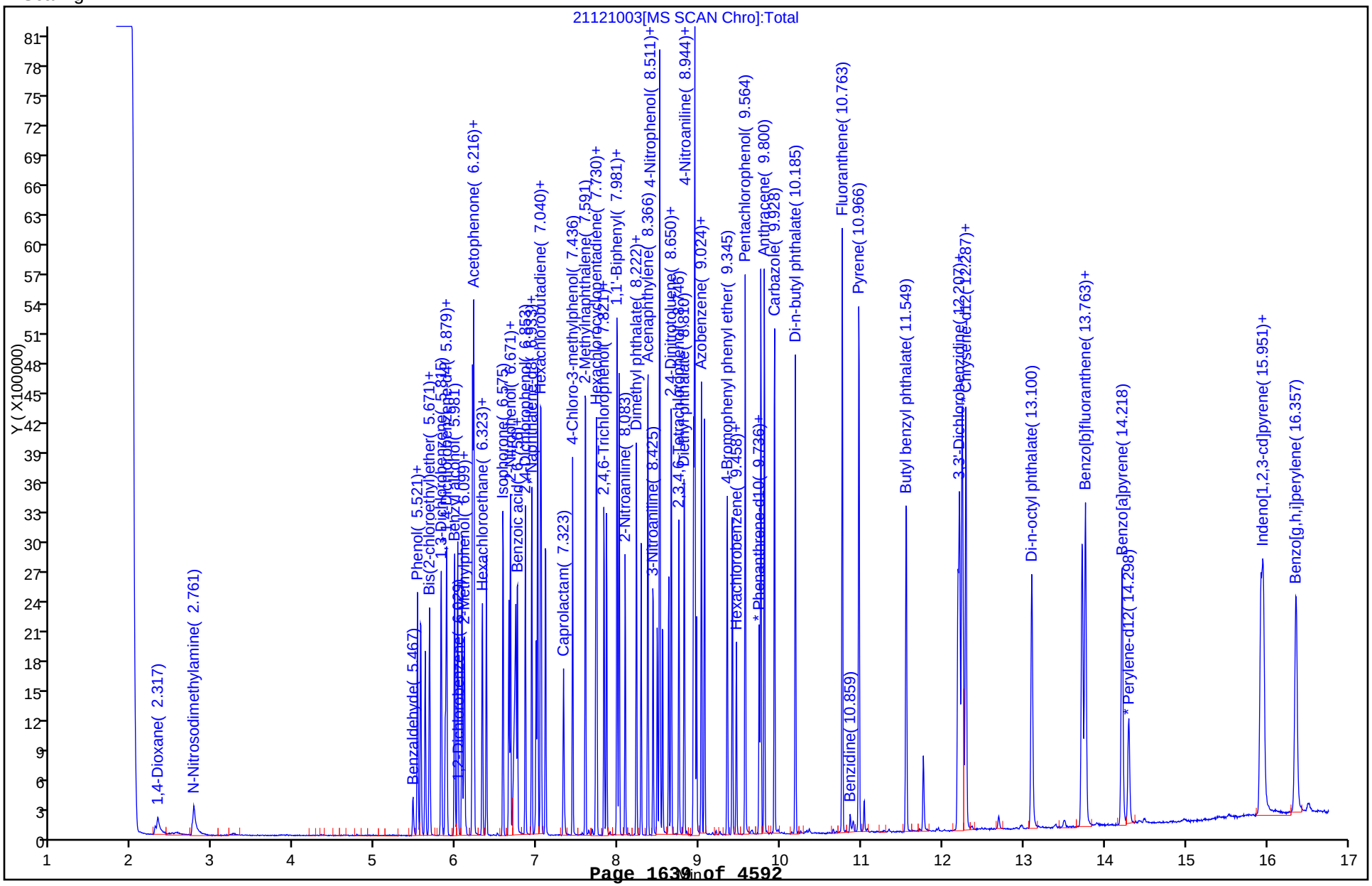
Report Date: 23-Nov-2012 10:11:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121003.D

Injection Date:	21-Nov-2012 12:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	3
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.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-65876/3 Calibration Date: 11/21/2012 12:04

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642	0.4555	0.0500	9.81	10.0	-1.9	20.0
N-Nitrosodimethylamine	Qua		0.7900	0.0500	9.88	10.0	-1.2	20.0
Benzaldehyde	Ave	1.043	0.1913	0.0500	1.83	10.0	-81.7*	20.0
Phenol	Ave	1.674	1.746	0.0500	10.4	10.0	4.3	20.0
Aniline	Ave	2.093	1.817	0.0500	8.68	10.0	-13.2	20.0
Bis(2-chloroethyl)ether	Ave	1.293	1.309	0.0500	10.1	10.0	1.3	20.0
2-Chlorophenol	Ave	1.352	1.363	0.0500	10.1	10.0	0.8	20.0
1,3-Dichlorobenzene	Ave	1.457	1.418	0.0500	9.73	10.0	-2.7	20.0
1,4-Dichlorobenzene	Ave	1.448	1.460	0.0500	10.1	10.0	0.8	20.0
Benzyl alcohol	Ave	0.8332	0.8993	0.0500	10.8	10.0	7.9	20.0
1,2-Dichlorobenzene	Ave	1.380	1.382	0.0500	10.0	10.0	0.1	20.0
2-Methylphenol	Ave	1.220	1.227	0.0500	10.1	10.0	0.6	20.0
bis (2-chloroisopropyl) ether	Ave	1.897	1.940	0.0500	10.2	10.0	2.2	20.0
3 & 4 Methylphenol	Ave	1.279	1.289	0.0500	10.1	10.0	0.8	20.0
N-Nitrosodi-n-propylamine	Ave	0.9059	1.016	0.0500	11.2	10.0	12.1	20.0
Acetophenone	Ave	1.808	1.853	0.0500	10.3	10.0	2.5	20.0
Hexachloroethane	Ave	0.5884	0.5740	0.0500	9.75	10.0	-2.5	20.0
Nitrobenzene	Ave	0.3635	0.4041	0.0500	11.1	10.0	11.2	20.0
Isophorone	Ave	0.6380	0.7096	0.0500	11.1	10.0	11.2	20.0
2-Nitrophenol	Ave	0.1710	0.2006	0.0500	11.7	10.0	17.3	20.0
2,4-Dimethylphenol	Ave	0.3362	0.3528	0.0500	10.5	10.0	4.9	20.0
Benzoic acid	Qua		0.2241	0.0500	20.1	20.0	0.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.4052	0.4343	0.0500	10.7	10.0	7.2	20.0
2,4-Dichlorophenol	Ave	0.2657	0.2995	0.0500	11.3	10.0	12.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3169	0.3336	0.0500	10.5	10.0	5.3	20.0
Naphthalene	Ave	0.999	1.081	0.0500	10.8	10.0	8.2	20.0
4-Chloroaniline	Ave	0.4261	0.4502	0.0500	10.6	10.0	5.7	20.0
Hexachlorobutadiene	Ave	0.1716	0.1889	0.0500	11.0	10.0	10.1	20.0
Caprolactam	Qua		0.1073	0.0500	10.7	10.0	6.9	20.0
4-Chloro-3-methylphenol	Ave	0.2854	0.3245	0.0500	11.4	10.0	13.7	20.0
2-Methylnaphthalene	Ave	0.6393	0.6829	0.0500	10.7	10.0	6.8	20.0
Hexachlorocyclopentadiene	Ave	0.3241	0.3738	0.0500	11.5	10.0	15.3	20.0
2,4,6-Trichlorophenol	Ave	0.3372	0.3806	0.0500	11.3	10.0	12.9	20.0
2,4,5-Trichlorophenol	Ave	0.3632	0.4064	0.0500	11.2	10.0	11.9	20.0
1,1'-Biphenyl	Ave	1.413	1.522	0.0500	10.8	10.0	7.7	20.0
2-Chloronaphthalene	Ave	1.105	1.171	0.0500	10.6	10.0	6.0	20.0
2-Nitroaniline	Ave	0.3242	0.3713	0.0500	11.5	10.0	14.5	20.0
Dimethyl phthalate	Ave	1.175	1.293	0.0500	11.0	10.0	10.0	20.0
2,6-Dinitrotoluene	Qua		0.2876	0.0500	10.6	10.0	6.4	20.0
Acenaphthylene	Ave	1.825	1.912	0.0500	10.5	10.0	4.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-65876/3 Calibration Date: 11/21/2012 12:04

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3-Nitroaniline	Ave	0.2941	0.3292	0.0500	11.2	10.0	11.9	20.0
Acenaphthene	Ave	1.097	1.132	0.0500	10.3	10.0	3.2	20.0
2,4-Dinitrophenol	Qua		0.1945	0.0500	20.9	20.0	4.4	20.0
4-Nitrophenol	Ave	0.1694	0.1848	0.0500	10.9	10.0	9.1	20.0
2,4-Dinitrotoluene	Qua		0.3951	0.0500	10.8	10.0	8.2	20.0
Dibenzofuran	Ave	1.629	1.686	0.0500	10.4	10.0	3.5	20.0
Diethyl phthalate	Ave	1.228	1.326	0.0500	10.8	10.0	8.0	20.0
4-Chlorophenyl phenyl ether	Ave	0.6187	0.6644	0.0500	10.7	10.0	7.4	20.0
4-Nitroaniline	Qua		0.3016	0.0500	9.37	10.0	-6.3	20.0
Fluorene	Ave	1.308	1.369	0.0500	10.5	10.0	4.7	20.0
4,6-Dinitro-2-methylphenol	Qua		0.1434	0.0500	10.8	10.0	7.7	20.0
N-Nitrosodiphenylamine	Ave	0.5517	0.5798	0.0500	10.5	10.0	5.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2040	0.2259	0.0500	11.1	10.0	10.7	20.0
Hexachlorobenzene	Ave	0.2101	0.2360	0.0500	11.2	10.0	12.3	20.0
Atrazine	Ave	0.1501	0.1117	0.0500	7.44	10.0	-25.6*	20.0
Pentachlorophenol	Qua		0.1539	0.0500	21.5	20.0	7.5	20.0
Phenanthrene	Ave	1.093	1.150	0.0500	10.5	10.0	5.2	20.0
Anthracene	Ave	1.086	1.181	0.0500	10.9	10.0	8.7	20.0
Carbazole	Ave	1.055	1.112	0.0500	10.5	10.0	5.4	20.0
Di-n-butyl phthalate	Ave	1.185	1.343	0.0500	11.3	10.0	13.4	20.0
Fluoranthene	Ave	1.207	1.328	0.0500	11.0	10.0	10.1	20.0
Benzidine	Qua		0.0449*	0.0500	1.06	10.0	-89.4*	20.0
Pyrene	Ave	1.276	1.268	0.0500	9.94	10.0	-0.6	20.0
Butyl benzyl phthalate	Qua		0.5435	0.0500	10.3	10.0	3.0	20.0
3,3'-Dichlorobenzidine	Qua		0.3487	0.0500	7.89	10.0	-21.1*	20.0
Bis(2-ethylhexyl) phthalate	Qua		0.7530	0.0500	10.1	10.0	0.9	20.0
Benzo[a]anthracene	Ave	1.116	1.148	0.0500	10.3	10.0	2.8	20.0
Chrysene	Ave	1.064	1.094	0.0500	10.3	10.0	2.9	20.0
Di-n-octyl phthalate	Qua		1.478	0.0500	10.1	10.0	1.4	20.0
Benzo[b]fluoranthene	Ave	1.276	1.250	0.0500	9.79	10.0	-2.1	20.0
Benzo[k]fluoranthene	Ave	1.387	1.425	0.0500	10.3	10.0	2.8	20.0
Benzo[a]pyrene	Qua		1.166	0.0500	8.86	10.0	-11.4	20.0
Indeno[1,2,3-cd]pyrene	Qua		1.467	0.0500	10.1	10.0	1.0	20.0
Dibenz(a,h)anthracene	Qua		1.239	0.0500	10.0	10.0	0.1	20.0
Benzo[g,h,i]perylene	Ave	1.145	1.271	0.0500	11.1	10.0	11.0	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121003.D
Lims ID: icv ind
Client ID:
Inject. Date: 21-Nov-2012 12:04:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015157-003
Misc. Info.: icv ind
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 65876
Lims Sample ID: 3
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj
Date: 21-Nov-2012 12:38:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.863	5.863	0.0	96	177147	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	653446	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	90	382015	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	98	646813	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	92	684665	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	96	583062	4.00	
24 1,4-Dioxane	88	2.322	2.322	0.0	90	201729	9.81	
25 N-Nitrosodimethylamine	74	2.761	2.761	0.0	89	349885	9.88	
40 Benzaldehyde	77	5.467	5.467	0.0	92	84729	1.83	
41 Phenol	94	5.521	5.521	0.0	99	773465	10.4	
43 Aniline	93	5.564	5.564	0.0	97	804903	8.68	
44 Bis(2-chloroethyl)ether	93	5.617	5.617	0.0	94	579820	10.1	
46 2-Chlorophenol	128	5.671	5.671	0.0	97	603608	10.1	
47 1,3-Dichlorobenzene	146	5.815	5.815	0.0	97	628196	9.73	
48 1,4-Dichlorobenzene	146	5.879	5.879	0.0	92	646495	10.1	
49 Benzyl alcohol	108	5.981	5.981	0.0	90	398284	10.8	
50 1,2-Dichlorobenzene	146	6.018	6.018	0.0	94	612122	10.0	
51 2-Methylphenol	108	6.072	6.072	0.0	94	543596	10.1	
52 2,2'-oxybis[1-chloropropane]	45	6.099	6.098	0.001	90	859053	10.2	
191 3 & 4 Methylphenol	108	6.200	6.200	0.0	96	570864	10.1	
56 N-Nitrosodi-n-propylamine	70	6.211	6.211	0.0	91	449895	11.2	
55 N-Nitrosopyrrolidine	100	6.195	6.216	-0.021	86	302176	12.2	
57 Acetophenone	105	6.216	6.216	0.0	92	820764	10.3	
60 Hexachloroethane	117	6.323	6.323	0.0	93	254205	9.75	
61 Nitrobenzene	77	6.371	6.371	0.0	88	660182	11.1	
63 Isophorone	82	6.575	6.574	0.001	97	1159205	11.1	
65 2-Nitrophenol	139	6.649	6.649	0.0	96	327696	11.7	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	93	576285	10.5	
69 Benzoic acid	122	6.735	6.735	0.0	89	732247	20.1	

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71 2,4-Dichlorophenol	162	6.853	6.853	0.0	95	489269	11.3	
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	93	545042	10.5	
73 Naphthalene	128	7.002	7.002	0.0	97	1765860	10.8	
74 4-Chloroaniline	127	7.040	7.040	0.0	87	735481	10.6	
75 2,6-Dichlorophenol	162	7.051	7.066	-0.015	97	485255	11.9	
77 Hexachlorobutadiene	225	7.104	7.104	0.0	93	308594	11.0	
83 Caprolactam	113	7.323	7.323	0.0	78	175336	10.7	
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	97	530067	11.4	
85 2-Methylnaphthalene	142	7.596	7.596	0.0	90	1115557	10.7	
88 Hexachlorocyclopentadiene	237	7.725	7.724	0.001	92	356944	11.5	
89 1,2,4,5-Tetrachlorobenzene	216	7.735	7.751	-0.016	97	542992	11.2	
90 2,4,6-Trichlorophenol	196	7.821	7.826	-0.005	92	363528	11.3	
91 2,4,5-Trichlorophenol	196	7.853	7.853	0.0	94	388156	11.2	
95 1,1'-Biphenyl	154	7.981	7.987	-0.006	95	1453465	10.8	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	96	1118029	10.6	
100 2-Nitroaniline	65	8.083	8.083	0.0	81	354609	11.5	
103 Dimethyl phthalate	163	8.222	8.222	0.0	98	1234629	11.0	
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	94	274624	10.6	
107 Acenaphthylene	152	8.366	8.361	0.005	91	1826368	10.5	
108 3-Nitroaniline	138	8.431	8.425	0.006	96	314364	11.2	
110 Acenaphthene	153	8.511	8.511	0.0	89	1081151	10.3	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	85	371571	20.9	
111 4-Nitrophenol	109	8.548	8.548	0.0	94	176528	10.9	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	92	377306	10.8	
114 Dibenzofuran	168	8.655	8.655	0.0	89	1609834	10.4	
117 2,3,4,6-Tetrachlorophenol	232	8.746	8.762	-0.016	73	298804	10.7	
119 Diethyl phthalate	149	8.816	8.816	0.0	98	1266760	10.8	
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	92	634542	10.7	
123 4-Nitroaniline	138	8.944	8.944	0.0	49	288035	9.37	
124 Fluorene	166	8.944	8.944	0.0	91	1307463	10.5	
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	83	231817	10.8	
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	937504	10.5	
131 Azobenzene	77	9.062	9.062	0.0	99	1371495	10.9	
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	62	365346	11.1	
139 Hexachlorobenzene	284	9.409	9.409	0.0	91	381632	11.2	
140 Atrazine	200	9.458	9.457	0.001	93	180624	7.44	
141 Pentachlorophenol	266	9.564	9.564	0.0	86	497747	21.5	
146 Phenanthrene	178	9.757	9.757	0.0	97	1859306	10.5	
147 Anthracene	178	9.800	9.800	0.0	97	1909227	10.9	
149 Carbazole	167	9.928	9.928	0.0	82	1797762	10.5	
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	100	2171394	11.3	
157 Fluoranthene	202	10.763	10.762	0.001	97	2147977	11.0	
158 Benzidine	184	10.859	10.859	0.0	97	76849	1.06	
160 Pyrene	202	10.966	10.971	-0.005	96	2170507	9.94	
166 Butyl benzyl phthalate	149	11.554	11.549	0.005	97	930260	10.3	
173 3,3'-Dichlorobenzidine	252	12.191	12.191	0.0	70	596899	7.89	
171 Bis(2-ethylhexyl) phthalate	149	12.207	12.207	0.0	96	1288902	10.1	
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	96	1965064	10.3	
176 Chrysene	228	12.287	12.287	0.0	94	1873123	10.3	
178 Di-n-octyl phthalate	149	13.100	13.100	0.0	99	2154786	10.1	
180 Benzo[b]fluoranthene	252	13.720	13.726	-0.006	94	1821558	9.79	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	95	2077381	10.3	
182 Benzo[a]pyrene	252	14.218	14.212	0.006	77	1699586	8.86	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	98	2138028	10.1	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	73	1805698	10.0	
188 Benzo[g,h,i]perylene	276	16.357	16.362	-0.005	93	1852387	11.1	

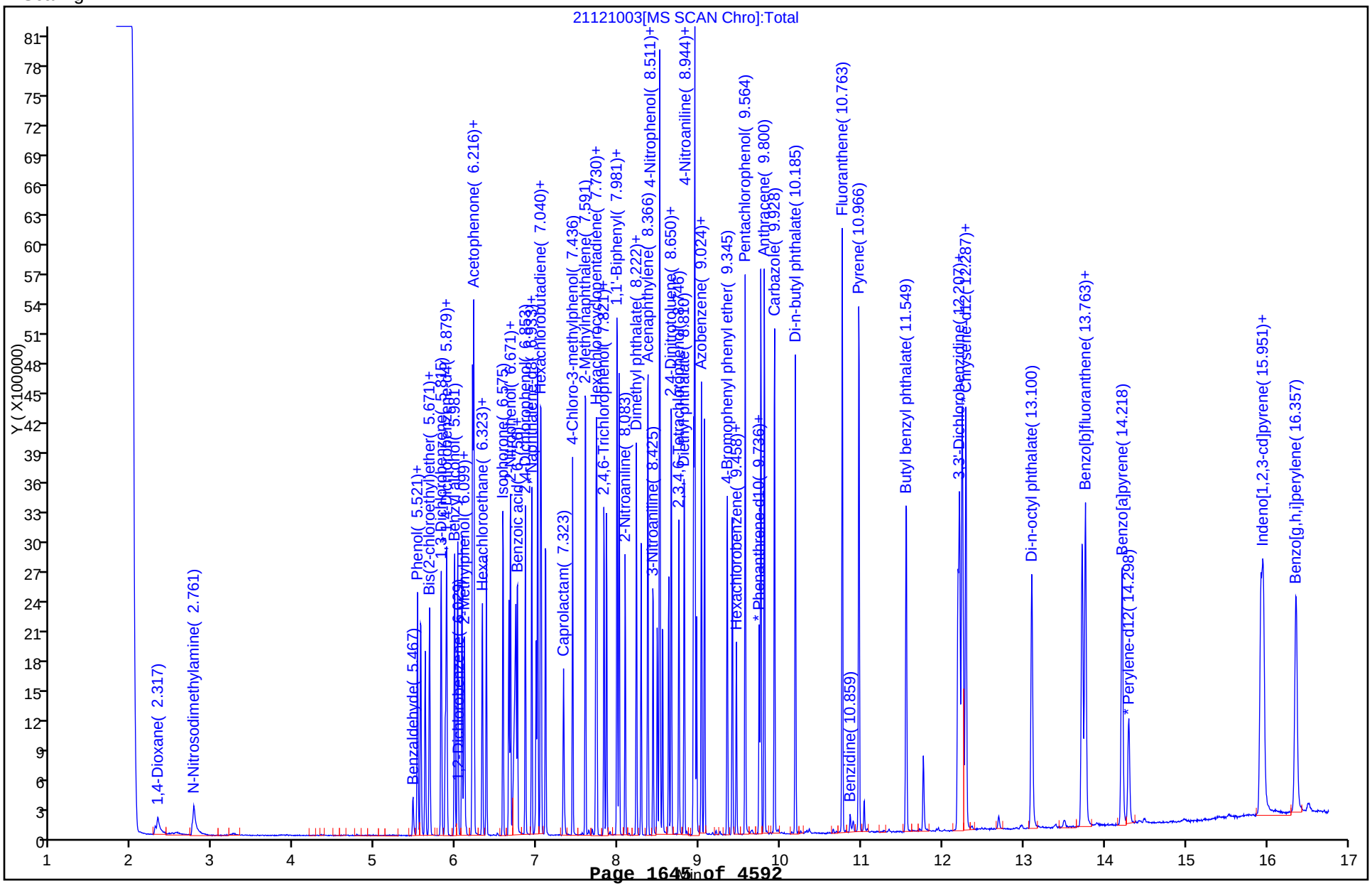
Report Date: 23-Nov-2012 10:11:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121003.D

Injection Date:	21-Nov-2012 12:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	3
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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-68962/2 Calibration Date: 12/17/2012 10:30

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21217002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642	0.4057	0.0500	8.74	10.0	-12.6	20.0
N-Nitrosodimethylamine	Qua		0.6027	0.0500	7.63	10.0	-23.7*	20.0
Pyridine	Ave	1.330	1.180	0.0500	8.87	10.0	-11.3	20.0
Benzaldehyde	Ave	1.043	0.8274	0.0500	7.93	10.0	-20.7*	20.0
Phenol	Ave	1.674	1.638	0.0500	9.79	10.0	-2.1	20.0
Aniline	Ave	2.093	2.023	0.0500	9.67	10.0	-3.3	20.0
Bis(2-chloroethyl)ether	Ave	1.293	1.267	0.0500	9.80	10.0	-2.0	20.0
2-Chlorophenol	Ave	1.352	1.374	0.0500	10.2	10.0	1.6	20.0
1,3-Dichlorobenzene	Ave	1.457	1.515	0.0500	10.4	10.0	4.0	20.0
1,4-Dichlorobenzene	Ave	1.448	1.506	0.0500	10.4	10.0	4.0	20.0
Benzyl alcohol	Ave	0.8332	0.8675	0.0500	10.4	10.0	4.1	20.0
1,2-Dichlorobenzene	Ave	1.380	1.425	0.0500	10.3	10.0	3.3	20.0
2-Methylphenol	Ave	1.220	1.223	0.0500	10.0	10.0	0.3	20.0
bis (2-chloroisopropyl) ether	Ave	1.897	1.766	0.0500	9.31	10.0	-6.9	20.0
3 & 4 Methylphenol	Ave	1.279	1.284	0.0500	10.0	10.0	0.4	20.0
N-Nitrosodi-n-propylamine	Ave	0.9059	0.9259	0.0500	10.2	10.0	2.2	20.0
Acetophenone	Ave	1.808	1.831	0.0500	10.1	10.0	1.3	20.0
Hexachloroethane	Ave	0.5884	0.5912	0.0500	10.0	10.0	0.5	20.0
Nitrobenzene	Ave	0.3635	0.3967	0.0500	10.9	10.0	9.1	20.0
Isophorone	Ave	0.6380	0.6634	0.0500	10.4	10.0	4.0	20.0
2-Nitrophenol	Ave	0.1710	0.1845	0.0500	10.8	10.0	7.9	20.0
2,4-Dimethylphenol	Ave	0.3362	0.3674	0.0500	10.9	10.0	9.3	20.0
Benzoic acid	Qua		0.1951	0.0500	17.7	20.0	-11.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.4052	0.3933	0.0500	9.71	10.0	-2.9	20.0
2,4-Dichlorophenol	Ave	0.2657	0.2871	0.0500	10.8	10.0	8.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3169	0.3372	0.0500	10.6	10.0	6.4	20.0
Naphthalene	Ave	0.999	1.033	0.0500	10.3	10.0	3.3	20.0
4-Chloroaniline	Ave	0.4261	0.4370	0.0500	10.3	10.0	2.6	20.0
Hexachlorobutadiene	Ave	0.1716	0.1974	0.0500	11.5	10.0	15.0	20.0
Caprolactam	Qua		0.1045	0.0500	10.4	10.0	3.8	20.0
4-Chloro-3-methylphenol	Ave	0.2854	0.3179	0.0500	11.1	10.0	11.4	20.0
2-Methylnaphthalene	Ave	0.6393	0.6746	0.0500	10.6	10.0	5.5	20.0
Hexachlorocyclopentadiene	Ave	0.3241	0.3352	0.0500	10.3	10.0	3.4	20.0
2,4,6-Trichlorophenol	Ave	0.3372	0.3636	0.0500	10.8	10.0	7.8	20.0
2,4,5-Trichlorophenol	Ave	0.3632	0.3883	0.0500	10.7	10.0	6.9	20.0
1,1'-Biphenyl	Ave	1.413	1.440	0.0500	10.2	10.0	2.0	20.0
2-Chloronaphthalene	Ave	1.105	1.121	0.0500	10.1	10.0	1.5	20.0
2-Nitroaniline	Ave	0.3242	0.3535	0.0500	10.9	10.0	9.0	20.0
Dimethyl phthalate	Ave	1.175	1.239	0.0500	10.5	10.0	5.4	20.0
2,6-Dinitrotoluene	Qua		0.2714	0.0500	10.1	10.0	0.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-68962/2 Calibration Date: 12/17/2012 10:30

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21217002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.825	1.886	0.0500	10.3	10.0	3.4	20.0
3-Nitroaniline	Ave	0.2941	0.3127	0.0500	10.6	10.0	6.3	20.0
Acenaphthene	Ave	1.097	1.138	0.0500	10.4	10.0	3.7	20.0
2,4-Dinitrophenol	Qua		0.1774	0.0500	19.2	20.0	-3.8	20.0
4-Nitrophenol	Ave	0.1694	0.2179	0.0500	12.9	10.0	28.7*	20.0
2,4-Dinitrotoluene	Qua		0.3848	0.0500	10.5	10.0	5.5	20.0
Dibenzofuran	Ave	1.629	1.668	0.0500	10.2	10.0	2.4	20.0
Diethyl phthalate	Ave	1.228	1.329	0.0500	10.8	10.0	8.2	20.0
4-Chlorophenyl phenyl ether	Ave	0.6187	0.6944	0.0500	11.2	10.0	12.2	20.0
Fluorene	Ave	1.308	1.379	0.0500	10.5	10.0	5.5	20.0
4-Nitroaniline	Qua		0.3284	0.0500	10.2	10.0	1.9	20.0
4,6-Dinitro-2-methylphenol	Qua		0.1289	0.0500	9.77	10.0	-2.3	20.0
N-Nitrosodiphenylamine	Ave	0.5517	0.5612	0.0500	10.2	10.0	1.7	20.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785	0.7506	0.0500	9.64	10.0	-3.6	20.0
4-Bromophenyl phenyl ether	Ave	0.2040	0.2181	0.0500	10.7	10.0	6.9	20.0
Hexachlorobenzene	Ave	0.2101	0.2202	0.0500	10.5	10.0	4.8	20.0
Atrazine	Ave	0.1501	0.1765	0.0500	11.8	10.0	17.5	20.0
Pentachlorophenol	Qua		0.1411	0.0500	19.8	20.0	-1.1	20.0
Phenanthrene	Ave	1.093	1.085	0.0500	9.93	10.0	-0.7	20.0
Anthracene	Ave	1.086	1.113	0.0500	10.3	10.0	2.5	20.0
Carbazole	Ave	1.055	1.069	0.0500	10.1	10.0	1.4	20.0
Di-n-butyl phthalate	Ave	1.185	1.256	0.0500	10.6	10.0	6.0	20.0
Fluoranthene	Ave	1.207	1.293	0.0500	10.7	10.0	7.2	20.0
Benzidine	Qua		0.6678	0.0500	9.72	10.0	-2.8	20.0
Pyrene	Ave	1.276	1.276	0.0500	9.99	10.0	-0.0	20.0
Butyl benzyl phthalate	Qua		0.5131	0.0500	9.75	10.0	-2.5	20.0
3,3'-Dichlorobenzidine	Qua		0.4495	0.0500	10.1	10.0	0.9	20.0
Bis(2-ethylhexyl) phthalate	Qua		0.7416	0.0500	9.94	10.0	-0.6	20.0
Benzo[a]anthracene	Ave	1.116	1.112	0.0500	9.96	10.0	-0.4	20.0
Chrysene	Ave	1.064	1.051	0.0500	9.88	10.0	-1.2	20.0
Di-n-octyl phthalate	Qua		1.464	0.0500	10.1	10.0	0.5	20.0
Benzo[b]fluoranthene	Ave	1.276	1.377	0.0500	10.8	10.0	7.9	20.0
Benzo[k]fluoranthene	Ave	1.387	1.481	0.0500	10.7	10.0	6.8	20.0
Benzo[a]pyrene	Qua		1.350	0.0500	10.2	10.0	1.9	20.0
Indeno[1,2,3-cd]pyrene	Qua		1.469	0.0500	10.1	10.0	1.1	20.0
Dibenz(a,h)anthracene	Qua		1.258	0.0500	10.2	10.0	1.6	20.0
Benzo[g,h,i]perylene	Ave	1.145	1.263	0.0500	11.0	10.0	10.3	20.0
2-Fluorophenol (Surr)	Ave	1.236	1.236	0.0500	9.99	10.0	-0.0	20.0
Phenol-d5 (Surr)	Ave	1.570	1.541	0.0500	9.82	10.0	-1.8	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3517	0.3859	0.0500	11.0	10.0	9.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-68962/2 Calibration Date: 12/17/2012 10:30

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21217002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Fluorobiphenyl (Surr)	Ave	1.298	1.370	0.0500	10.6	10.0	5.5	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.1655	0.1884	0.0500	11.4	10.0	13.9	20.0
Terphenyl-d14 (Surr)	Ave	0.7408	0.7569	0.0500	10.2	10.0	2.2	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217002.D
Lims ID: ccv tcl
Client ID:
Inject. Date: 17-Dec-2012 10:30:30
Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0015912-002
Misc. Info.: ccv tcl
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 2
Lims Batch ID: 68962
Lims Sample ID: 2
Sublist: chrom-8270_hp7*sub15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\8270_hp7.m
Last Update: 18-Dec-2012 09:22:49
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: gruberj
Date: 17-Dec-2012 10:53:36

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.794	5.794	0.0	95	195037	4.00	
* 2 Naphthalene-d8	136	6.918	6.918	0.0	100	737332	4.00	
* 3 Acenaphthene-d10	164	8.415	8.415	0.0	92	439693	4.00	
* 4 Phenanthrene-d10	188	9.672	9.672	0.0	98	782725	4.00	
* 5 Chrysene-d12	240	12.148	12.148	0.0	95	840803	4.00	
* 6 Perylene-d12	264	14.160	14.160	0.0	94	697697	4.00	
$ 7 2-Fluorophenol	112	4.484	4.484	0.0	94	602573	10.0	
$ 8 Phenol-d5	99	5.441	5.441	0.0	90	751543	9.82	
$ 9 Nitrobenzene-d5	82	6.292	6.292	0.0	89	711333	11.0	
$ 10 2-Fluorobiphenyl (Surr)	172	7.832	7.832	0.0	99	1505619	10.6	
$ 11 2,4,6-Tribromophenol	330	9.078	9.078	0.0	93	207141	11.4	
$ 12 Terphenyl-d14	244	11.004	11.004	0.0	98	1590898	10.2	
24 1,4-Dioxane	88	1.933	1.933	0.0	96	197824	8.74	
25 N-Nitrosodimethylamine	74	2.409	2.409	0.0	87	293861	7.63	
26 Pyridine	79	2.451	2.451	0.0	92	575472	8.87	
27 Ethyl methacrylate	69	3.254	3.254	0.0	91	380328	7.06	
28 3-Chloropropionitrile	54	3.740	3.740	0.0	87	361873	10.1	
32 Malononitrile	66	4.163	4.163	0.0	99	654446	9.65	
40 Benzaldehyde	77	5.388	5.388	0.0	89	403449	7.93	
41 Phenol	94	5.452	5.452	0.0	95	798564	9.79	
43 Aniline	93	5.484	5.484	0.0	88	986605	9.67	
44 Bis(2-chloroethyl)ether	93	5.543	5.543	0.0	95	617776	9.80	
46 2-Chlorophenol	128	5.596	5.596	0.0	95	669852	10.2	
47 1,3-Dichlorobenzene	146	5.741	5.741	0.0	95	738894	10.4	
48 1,4-Dichlorobenzene	146	5.810	5.810	0.0	93	734423	10.4	
49 Benzyl alcohol	108	5.912	5.912	0.0	90	422984	10.4	
50 1,2-Dichlorobenzene	146	5.944	5.944	0.0	91	695016	10.3	
51 2-Methylphenol	108	6.008	6.008	0.0	97	596359	10.0	
52 2,2'-oxybis[1-chloropropane]	45	6.035	6.035	0.0	89	861175	9.31	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.142	6.142	0.0	95	626195	10.0	
56 N-Nitrosodi-n-propylamine	70	6.147	6.147	0.0	90	451458	10.2	
57 Acetophenone	105	6.153	6.153	0.0	92	892995	10.1	
60 Hexachloroethane	117	6.249	6.249	0.0	91	288275	10.0	
61 Nitrobenzene	77	6.308	6.308	0.0	85	731321	10.9	
63 Isophorone	82	6.511	6.511	0.0	99	1222857	10.4	
65 2-Nitrophenol	139	6.586	6.586	0.0	97	340058	10.8	
66 1,3,5-Trichlorobenzene	180	6.591	6.591	0.0	93	641250	11.0	
64 2,4-Dimethylphenol	107	6.607	6.607	0.0	97	677229	10.9	
69 Benzoic acid	122	6.682	6.682	0.0	89	719262	17.7	
68 Bis(2-chloroethoxy)methane	93	6.693	6.693	0.0	95	724986	9.71	
71 2,4-Dichlorophenol	162	6.789	6.789	0.0	95	529273	10.8	
72 1,2,4-Trichlorobenzene	180	6.869	6.869	0.0	93	621491	10.6	
73 Naphthalene	128	6.939	6.939	0.0	97	1903235	10.3	
74 4-Chloroaniline	127	6.976	6.976	0.0	86	805494	10.3	
77 Hexachlorobutadiene	225	7.035	7.035	0.0	95	363774	11.5	
78 1,2,3-Trichlorobenzene	180	7.062	7.062	0.0	91	590800	0	
83 Caprolactam	113	7.265	7.265	0.0	72	192549	10.4	
84 4-Chloro-3-methylphenol	107	7.377	7.377	0.0	96	585938	11.1	
85 2-Methylnaphthalene	142	7.527	7.527	0.0	88	1243462	10.6	
86 1-Methylnaphthalene	142	7.613	7.613	0.0	90	1192173	10.6	
88 Hexachlorocyclopentadiene	237	7.656	7.656	0.0	75	368475	10.3	
87 1,2,3,5-Tetrachlorobenzene	216	7.656	7.656	0.0	96	633538	10.6	
90 2,4,6-Trichlorophenol	196	7.763	7.763	0.0	92	399634	10.8	
91 2,4,5-Trichlorophenol	196	7.795	7.795	0.0	94	426854	10.7	
94 2,4-Toluene diamine	121	7.902	7.902	0.0	98	439115	11.7	
96 1,2,3,4 -Tetrachlorobenzene	216	7.912	7.912	0.0	95	608684	0	
95 1,1'-Biphenyl	154	7.918	7.918	0.0	94	1583368	10.2	
98 2-Chloronaphthalene	162	7.944	7.944	0.0	96	1232285	10.1	
100 2-Nitroaniline	65	8.019	8.019	0.0	81	388555	10.9	
103 Dimethyl phthalate	163	8.164	8.164	0.0	99	1361628	10.5	
105 2,6-Dinitrotoluene	165	8.223	8.223	0.0	94	298356	10.1	
106 1,2-Dinitrobenzene	168	8.271	8.271	0.0	89	168842	11.8	
107 Acenaphthylene	152	8.297	8.297	0.0	91	2073154	10.3	
108 3-Nitroaniline	138	8.367	8.367	0.0	91	343776	10.6	
110 Acenaphthene	153	8.442	8.442	0.0	92	1250834	10.4	
109 2,4-Dinitrophenol	184	8.453	8.453	0.0	88	390054	19.2	
111 4-Nitrophenol	109	8.490	8.490	0.0	96	239548	12.9	
112 2,4-Dinitrotoluene	165	8.560	8.560	0.0	90	422945	10.5	
114 Dibenzofuran	168	8.586	8.586	0.0	88	1833797	10.2	
115 2,3,5,6-Tetrachlorophenol	232	8.645	8.645	0.0	91	381968	11.6	
119 Diethyl phthalate	149	8.752	8.752	0.0	98	1461224	10.8	
121 4-Chlorophenyl phenyl ether	204	8.864	8.864	0.0	90	763335	11.2	
124 Fluorene	166	8.875	8.875	0.0	83	1515990	10.5	
123 4-Nitroaniline	138	8.880	8.880	0.0	72	360988	10.2	
126 4,6-Dinitro-2-methylphenol	198	8.907	8.907	0.0	76	252229	9.77	
130 N-Nitrosodiphenylamine	169	8.961	8.961	0.0	0	1098130	10.2	
131 Azobenzene	77	8.998	8.998	0.0	99	1468630	9.64	
129 1,2-Diphenylhydrazine	77	8.998	8.998	0.0	0	1468817	9.64	
137 4-Bromophenyl phenyl ether	248	9.276	9.276	0.0	64	426682	10.7	
139 Hexachlorobenzene	284	9.340	9.340	0.0	90	430841	10.5	
140 Atrazine	200	9.394	9.394	0.0	93	345282	11.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.501	9.501	0.0	89	552042	19.8	
146 Phenanthrene	178	9.688	9.688	0.0	97	2122631	9.93	
147 Anthracene	178	9.731	9.731	0.0	97	2178032	10.3	
149 Carbazole	167	9.859	9.859	0.0	82	2092320	10.1	
151 Di-n-butyl phthalate	149	10.116	10.116	0.0	100	2457357	10.6	
157 Fluoranthene	202	10.694	10.694	0.0	96	2530689	10.7	
158 Benzidine	184	10.785	10.785	0.0	99	1403743	9.72	
160 Pyrene	202	10.892	10.892	0.0	97	2681137	10.0	
166 Butyl benzyl phthalate	149	11.464	11.464	0.0	97	1078521	9.75	
170 3,3'-Dimethoxybenzidine	244	12.047	12.047	0.0	94	577461	9.94	
172 4,4'-Methylene bis(2-chloroanili	231	12.090	12.090	0.0	71	447053	10.4	
173 3,3'-Dichlorobenzidine	252	12.090	12.090	0.0	66	944815	10.1	
171 Bis(2-ethylhexyl) phthalate	149	12.106	12.106	0.0	95	1558914	9.94	
175 Benzo[a]anthracene	228	12.138	12.138	0.0	97	2337878	9.96	
176 Chrysene	228	12.186	12.186	0.0	94	2209128	9.88	
178 Di-n-octyl phthalate	149	12.978	12.978	0.0	99	2554025	10.1	
180 Benzo[b]fluoranthene	252	13.593	13.593	0.0	93	2401197	10.8	
181 Benzo[k]fluoranthene	252	13.635	13.635	0.0	95	2583213	10.7	
182 Benzo[a]pyrene	252	14.079	14.079	0.0	74	2354585	10.2	
186 Indeno[1,2,3-cd]pyrene	276	15.780	15.780	0.0	99	2561650	10.1	
187 Dibenz(a,h)anthracene	278	15.802	15.802	0.0	78	2194862	10.2	
188 Benzo[g,h,i]perylene	276	16.197	16.197	0.0	97	2202913	11.0	
S 189 Methyl Phenols,Total	100				0		10.0	

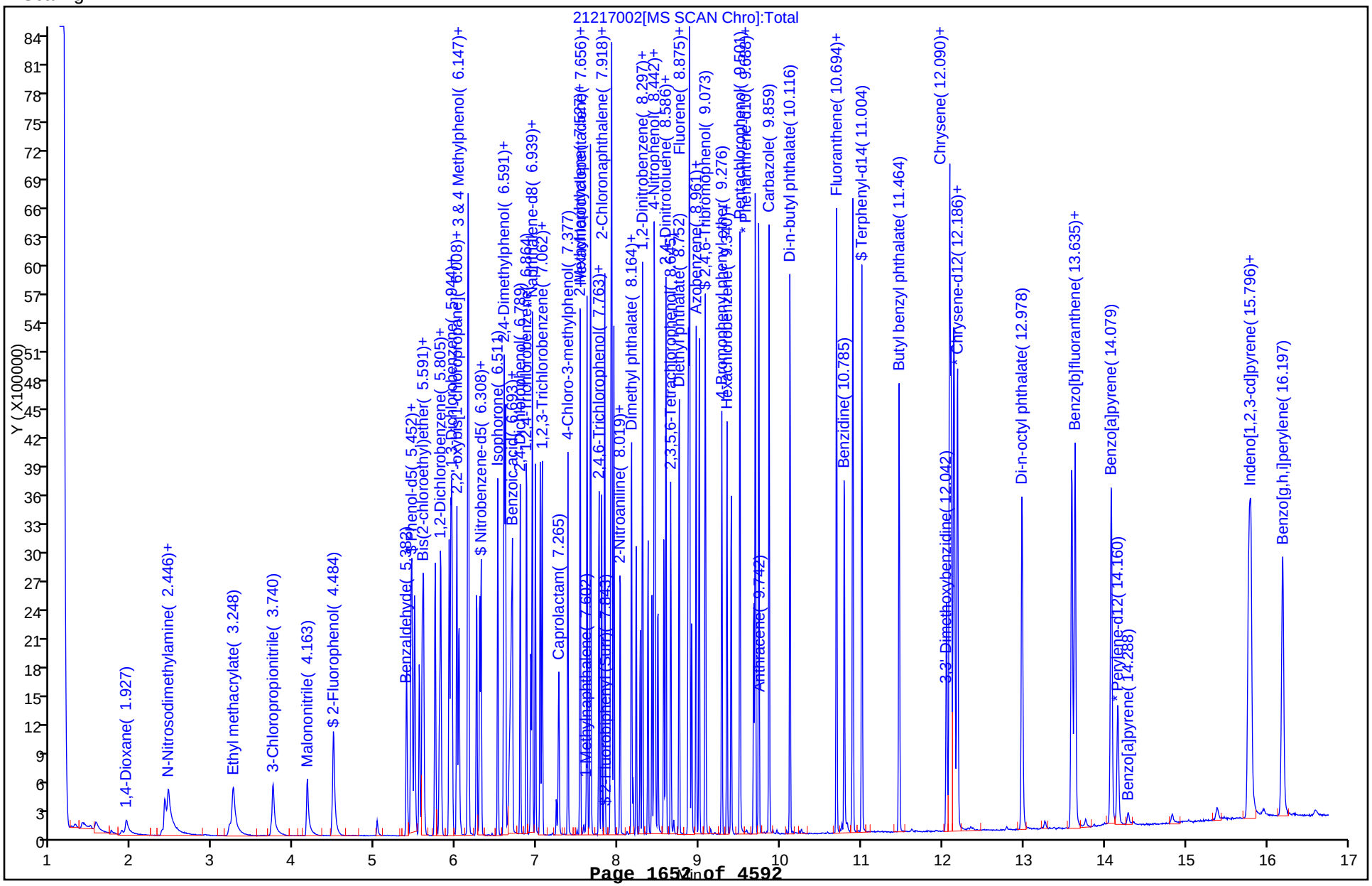
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217002.D

Injection Date:	17-Dec-2012 10:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	68962	Lims Sample ID:	2
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.: 240-18703-1

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	0.0500	12.9	10.0	29.1*	20.0
2,6-Dichlorophenol	Ave	0.2522	0.3122	0.0500	12.4	10.0	23.8*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5166	0.5363	0.0500	10.4	10.0	3.8	20.0
2,3,4,6-Tetrachlorophenol	Qua		0.3114	0.0500	10.7	10.0	7.3	20.0

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

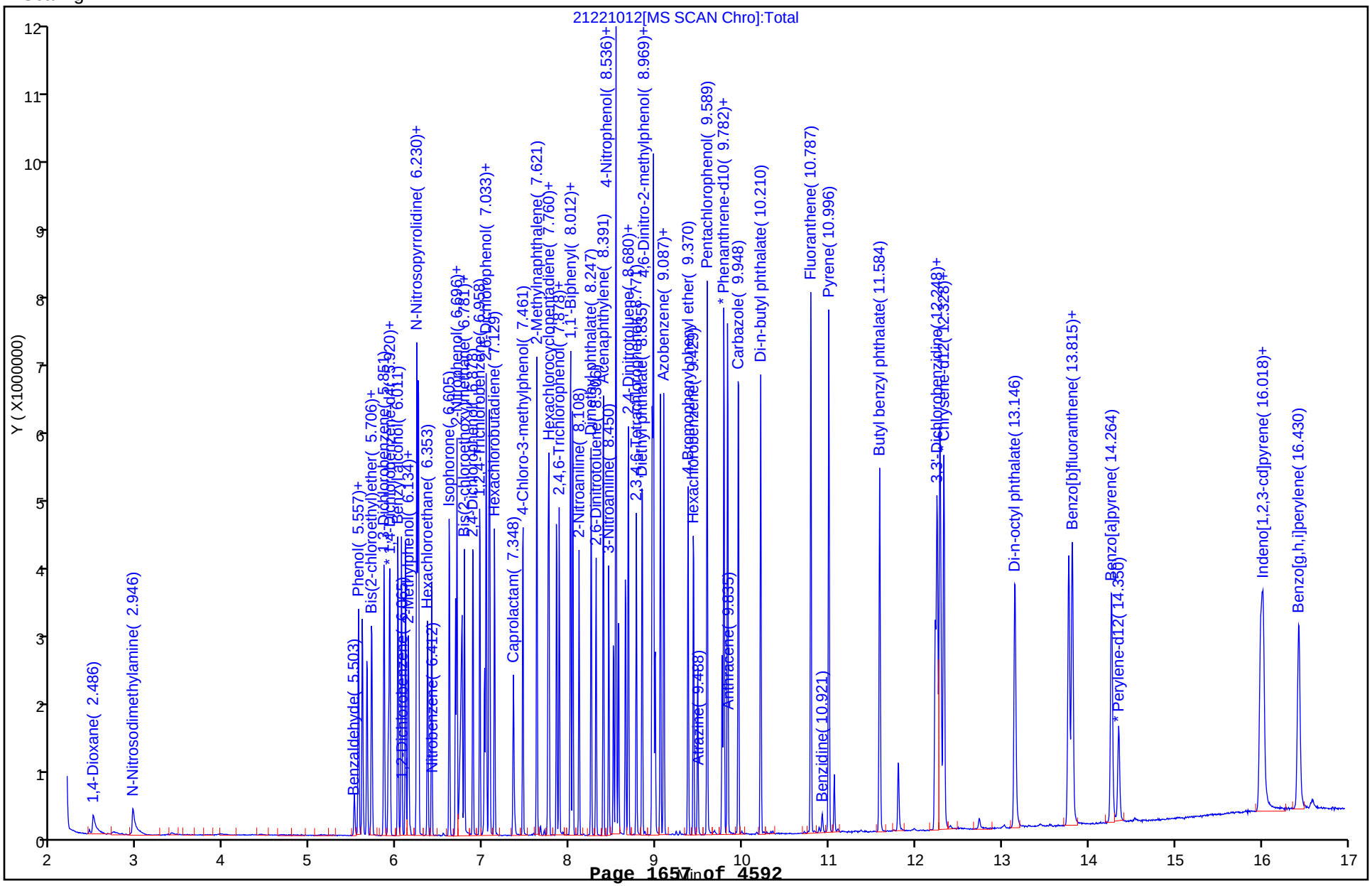
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TestAmerica Canton

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.: 240-18703-1

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	0.0500	10.4	10.0	3.7	20.0
N-Nitrosodimethylamine	Ave	0.7786	0.7976	0.0500	10.2	10.0	2.4	20.0
Benzaldehyde	Ave	1.293	0.2165	0.0500	1.67	10.0	-83.3*	20.0
Phenol	Ave	1.712	1.781	0.0500	10.4	10.0	4.0	20.0
Aniline	Ave	2.224	1.980	0.0500	8.90	10.0	-11.0	20.0
Bis(2-chloroethyl)ether	Ave	1.661	1.506	0.0500	9.07	10.0	-9.3	20.0
2-Chlorophenol	Ave	1.352	1.409	0.0500	10.4	10.0	4.2	20.0
1,3-Dichlorobenzene	Ave	1.754	1.597	0.0500	9.10	10.0	-9.0	20.0
1,4-Dichlorobenzene	Ave	1.456	1.600	0.0500	11.0	10.0	9.9	20.0
Benzyl alcohol	Ave	0.8431	0.9258	0.0500	11.0	10.0	9.8	20.0
1,2-Dichlorobenzene	Ave	1.680	1.518	0.0500	9.04	10.0	-9.6	20.0
2-Methylphenol	Ave	1.229	1.274	0.0500	10.4	10.0	3.6	20.0
3 & 4 Methylphenol	Ave	1.320	1.378	0.0500	10.4	10.0	4.4	20.0
N-Nitrosodi-n-propylamine	Ave	0.9869	1.145	0.0500	11.6	10.0	16.0	20.0
Acetophenone	Ave	1.907	2.066	0.0500	10.8	10.0	8.3	20.0
Hexachloroethane	Ave	0.6897	0.6545	0.0500	9.49	10.0	-5.1	20.0
Nitrobenzene	Ave	0.4559	0.4208	0.0500	9.23	10.0	-7.7	20.0
Isophorone	Ave	0.6634	0.7477	0.0500	11.3	10.0	12.7	20.0
2-Nitrophenol	Ave	0.1637	0.1895	0.0500	11.6	10.0	15.7	20.0
2,4-Dimethylphenol	Ave	0.3402	0.3587	0.0500	10.5	10.0	5.4	20.0
Benzoic acid	Qua		0.2117	0.0500	20.6	20.0	3.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.4978	0.4741	0.0500	9.52	10.0	-4.8	20.0
2,4-Dichlorophenol	Ave	0.2655	0.3189	0.0500	12.0	10.0	20.1*	20.0
1,2,4-Trichlorobenzene	Ave	0.3560	0.3343	0.0500	9.39	10.0	-6.1	20.0
Naphthalene	Ave	0.9776	1.096	0.0500	11.2	10.0	12.1	20.0
Hexachlorobutadiene	Ave	0.1932	0.1892	0.0500	9.79	10.0	-2.1	20.0
Caprolactam	Ave	0.0879	0.1129	0.0500	12.8	10.0	28.5*	20.0
4-Chloro-3-methylphenol	Ave	0.2840	0.3271	0.0500	11.5	10.0	15.2	20.0
2-Methylnaphthalene	Ave	0.6414	0.7210	0.0500	11.2	10.0	12.4	20.0
Hexachlorocyclopentadiene	Ave	0.3381	0.3094	0.0500	9.15	10.0	-8.5	20.0
2,4,6-Trichlorophenol	Ave	0.3147	0.3703	0.0500	11.8	10.0	17.6	20.0
2,4,5-Trichlorophenol	Ave	0.3437	0.3967	0.0500	11.5	10.0	15.4	20.0
1,1'-Biphenyl	Ave	1.316	1.483	0.0500	11.3	10.0	12.8	20.0
2-Chloronaphthalene	Ave	1.250	1.179	0.0500	9.43	10.0	-5.7	20.0
2-Nitroaniline	Ave	0.3538	0.4020	0.0500	11.4	10.0	13.6	20.0
Dimethyl phthalate	Ave	1.149	1.317	0.0500	11.5	10.0	14.6	20.0
2,6-Dinitrotoluene	Qua		0.2873	0.0500	9.56	10.0	-4.4	20.0
Acenaphthylene	Ave	1.643	1.836	0.0500	11.2	10.0	11.7	20.0
3-Nitroaniline	Ave	0.2829	0.3028	0.0500	10.7	10.0	7.0	20.0
2,4-Dinitrophenol	Qua		0.1628	0.0500	21.8	20.0	9.1	20.0
Acenaphthene	Ave	1.024	1.076	0.0500	10.5	10.0	5.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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	0.0500	11.6	10.0	16.1	20.0
2,4-Dinitrotoluene	Qua		0.3976	0.0500	9.65	10.0	-3.5	20.0
Dibenzofuran	Ave	1.510	1.610	0.0500	10.7	10.0	6.6	20.0
Diethyl phthalate	Ave	1.147	1.346	0.0500	11.7	10.0	17.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.6708	0.6538	0.0500	9.75	10.0	-2.5	20.0
4-Nitroaniline	Ave	0.2803	0.2757	0.0500	9.84	10.0	-1.6	20.0
Fluorene	Ave	1.204	1.352	0.0500	11.2	10.0	12.3	20.0
4,6-Dinitro-2-methylphenol	Qua		0.1433	0.0500	11.4	10.0	14.3	20.0
N-Nitrosodiphenylamine	Ave	0.5419	0.6207	0.0500	11.5	10.0	14.5	20.0
Azobenzene	Ave	0.8354	0.997	0.0500	11.9	10.0	19.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2319	0.2202	0.0500	9.49	10.0	-5.1	20.0
Hexachlorobenzene	Ave	0.2309	0.2208	0.0500	9.56	10.0	-4.4	20.0
Atrazine	Ave	0.1525	0.1118	0.0500	7.33	10.0	-26.7*	20.0
Pentachlorophenol	Ave	0.1321	0.1533	0.0500	23.2	20.0	16.0	20.0
Phenanthrene	Ave	1.074	1.214	0.0500	11.3	10.0	13.0	20.0
Anthracene	Ave	1.072	1.231	0.0500	11.5	10.0	14.8	20.0
Carbazole	Ave	1.027	1.206	0.0500	11.7	10.0	17.4	20.0
Di-n-butyl phthalate	Ave	1.161	1.465	0.0500	12.6	10.0	26.2*	20.0
Fluoranthene	Ave	1.179	1.416	0.0500	12.0	10.0	20.2*	20.0
Benzidine	Qua		0.0116*	0.0500	0.735	10.0	-92.7*	20.0
Pyrene	Ave	1.157	1.254	0.0500	10.8	10.0	8.3	20.0
Butyl benzyl phthalate	Ave	0.4697	0.5630	0.0500	12.0	10.0	19.9	20.0
3,3'-Dichlorobenzidine	Ave	0.3801	0.3175	0.0500	8.35	10.0	-16.5	20.0
Bis(2-ethylhexyl) phthalate	Qua		0.7967	0.0500	11.2	10.0	11.6	20.0
Benzo[a]anthracene	Ave	1.034	1.117	0.0500	10.8	10.0	8.0	20.0
Chrysene	Ave	0.9796	1.093	0.0500	11.2	10.0	11.6	20.0
Di-n-octyl phthalate	Qua		1.604	0.0500	11.2	10.0	11.9	20.0
Benzo[b]fluoranthene	Ave	1.194	1.398	0.0500	11.7	10.0	17.1	20.0
Benzo[k]fluoranthene	Ave	1.281	1.536	0.0500	12.0	10.0	19.9	20.0
Benzo[a]pyrene	Ave	1.123	1.244	0.0500	11.1	10.0	10.8	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.191	1.388	0.0500	11.7	10.0	16.5	20.0
Dibenz(a,h)anthracene	Ave	1.014	1.209	0.0500	11.9	10.0	19.2	20.0
Benzo[g,h,i]perylene	Ave	1.044	1.199	0.0500	11.5	10.0	14.9	20.0

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

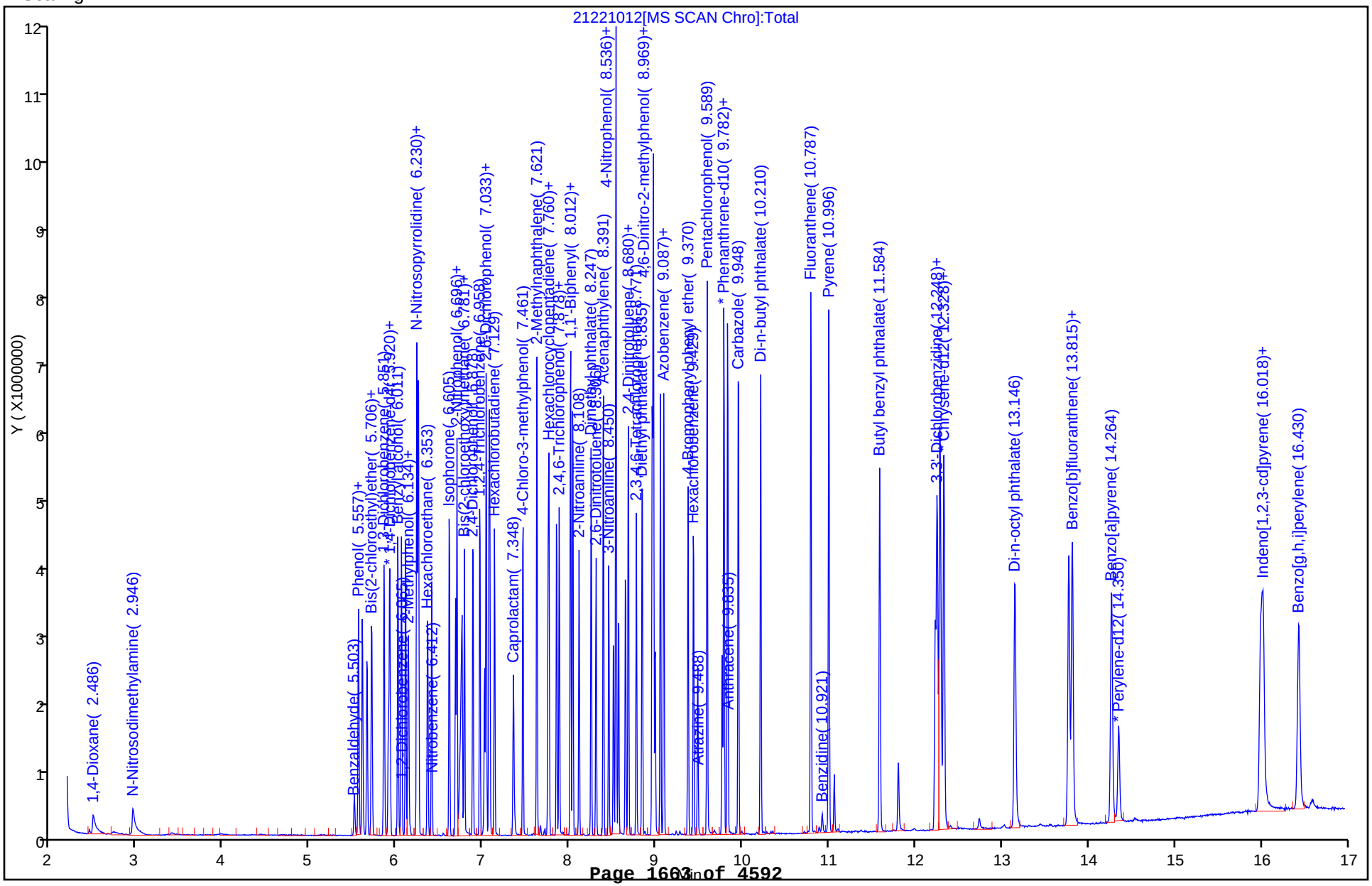
Report Date: 21-Dec-2012 14:27:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

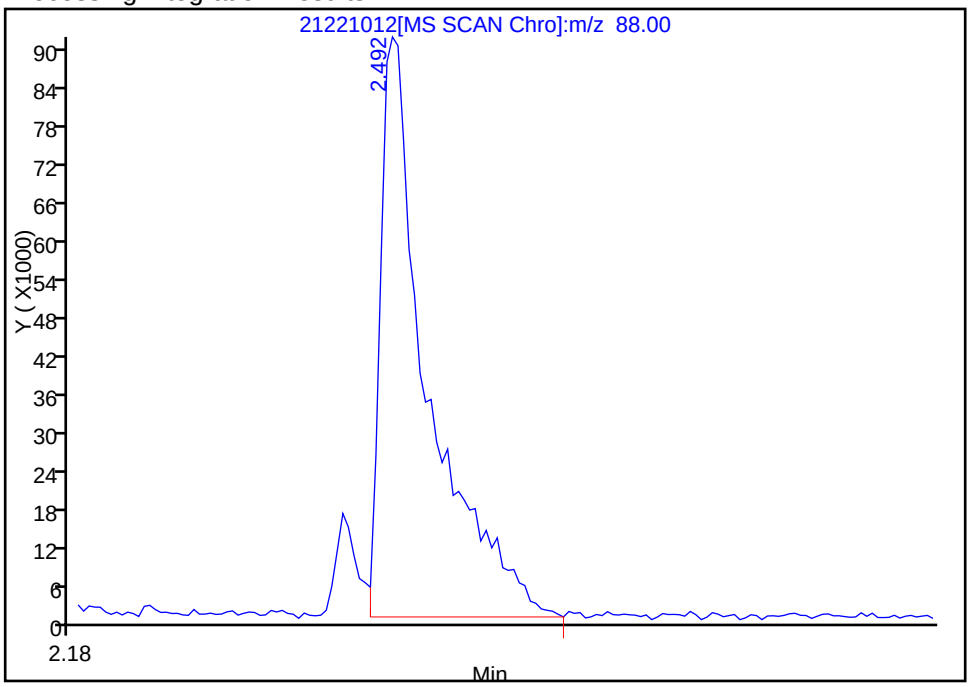
TestAmerica Canton

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

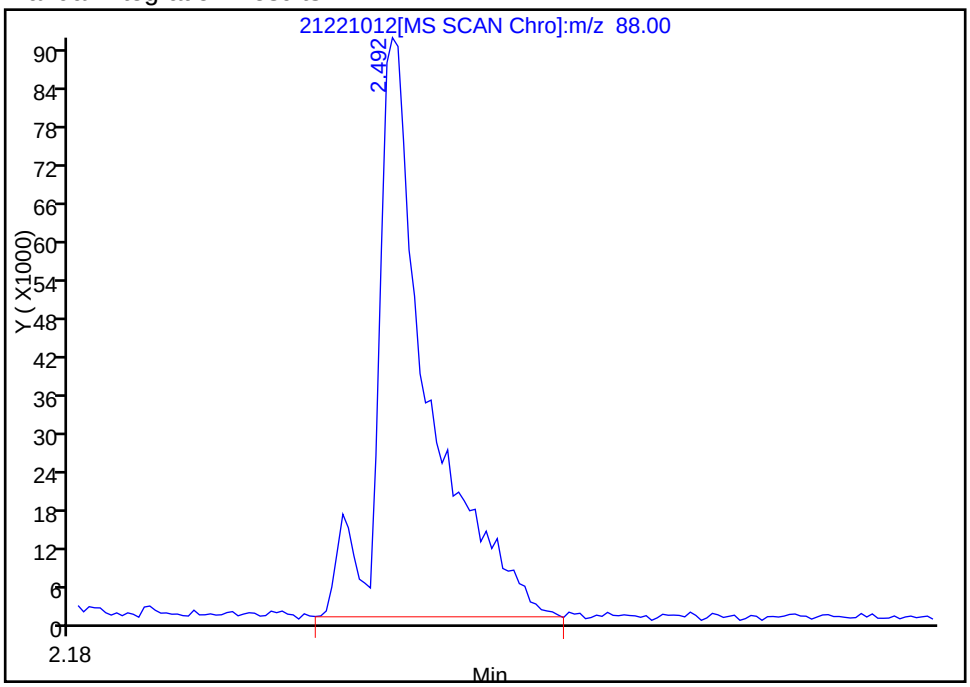
Processing Integration Results

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

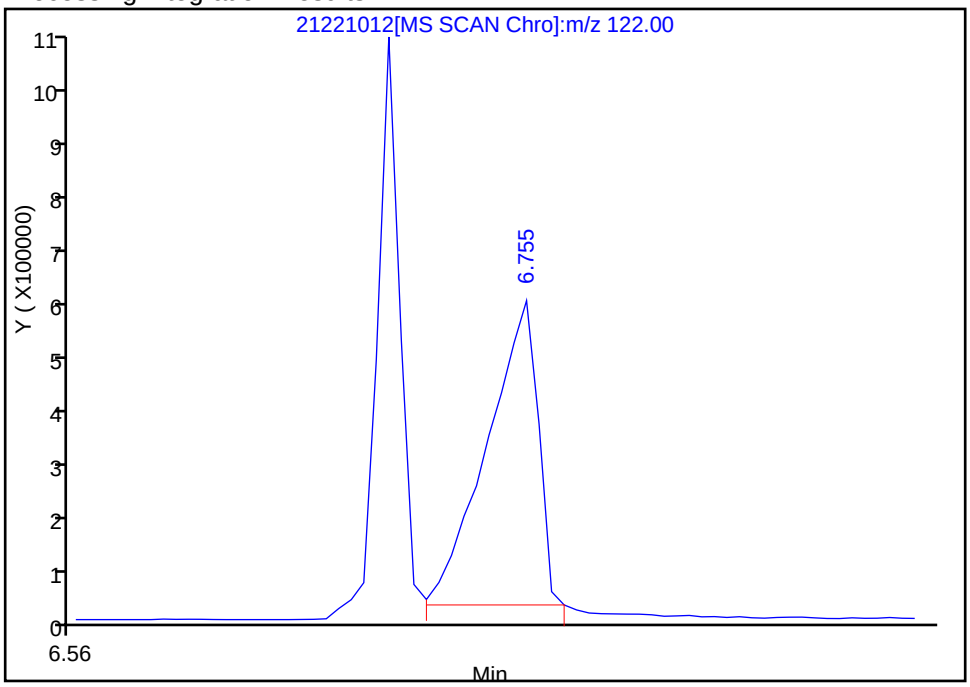
TestAmerica Canton

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

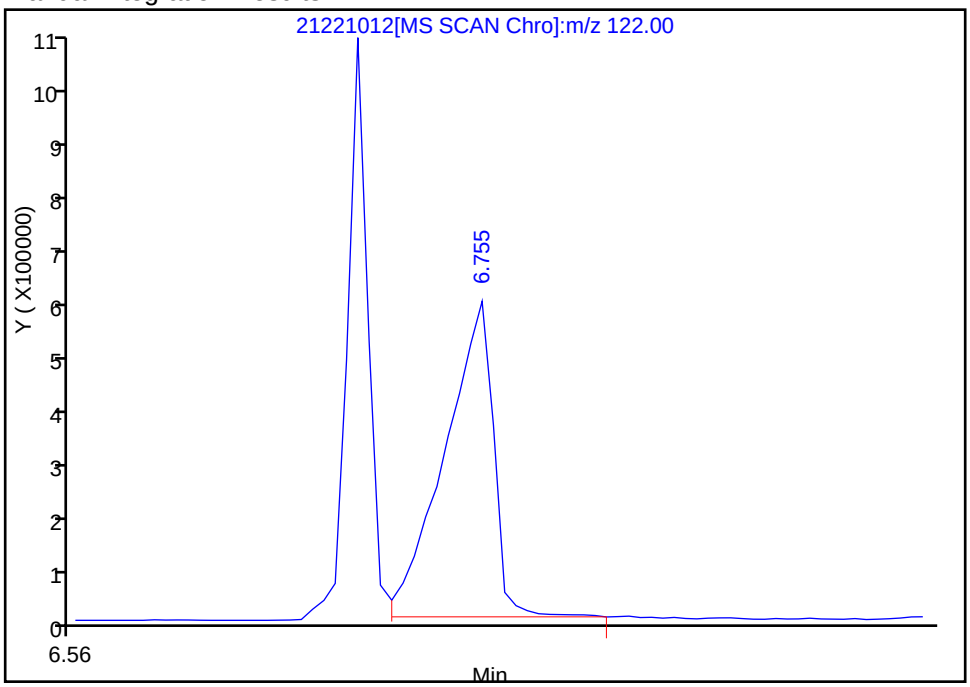
Processing Integration Results

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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70697/2 Calibration Date: 12/31/2012 09:35

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: 21231002.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	0.5561	0.0500	9.83	10.0	-1.7	20.0
N-Nitrosodimethylamine	Ave	0.7786	0.8522	0.0500	10.9	10.0	9.4	20.0
Pyridine	Ave	1.388	1.507	0.0500	10.9	10.0	8.6	20.0
Benzaldehyde	Ave	1.293	1.372	0.0500	10.6	10.0	6.1	20.0
Phenol	Ave	1.712	1.865	0.0500	10.9	10.0	9.0	20.0
Aniline	Ave	2.224	2.366	0.0500	10.6	10.0	6.4	20.0
Bis(2-chloroethyl)ether	Ave	1.661	1.695	0.0500	10.2	10.0	2.0	20.0
2-Chlorophenol	Ave	1.352	1.448	0.0500	10.7	10.0	7.1	20.0
1,3-Dichlorobenzene	Ave	1.754	1.818	0.0500	10.4	10.0	3.6	20.0
1,4-Dichlorobenzene	Ave	1.456	1.501	0.0500	10.3	10.0	3.1	20.0
Benzyl alcohol	Ave	0.8431	0.8880	0.0500	10.5	10.0	5.3	20.0
1,2-Dichlorobenzene	Ave	1.680	1.719	0.0500	10.2	10.0	2.3	20.0
2-Methylphenol	Ave	1.229	1.315	0.0500	10.7	10.0	7.0	20.0
3 & 4 Methylphenol	Ave	1.320	1.374	0.0500	10.4	10.0	4.1	20.0
N-Nitrosodi-n-propylamine	Ave	0.9869	1.067	0.0500	10.8	10.0	8.1	20.0
Acetophenone	Ave	1.907	2.034	0.0500	10.7	10.0	6.7	20.0
Hexachloroethane	Ave	0.6897	0.7200	0.0500	10.4	10.0	4.4	20.0
Nitrobenzene	Ave	0.4559	0.4639	0.0500	10.2	10.0	1.8	20.0
Isophorone	Ave	0.6634	0.6938	0.0500	10.5	10.0	4.6	20.0
2-Nitrophenol	Ave	0.1637	0.1819	0.0500	11.1	10.0	11.1	20.0
2,4-Dimethylphenol	Ave	0.3402	0.3573	0.0500	10.5	10.0	5.0	20.0
Benzoic acid	Qua		0.2109	0.0500	20.6	20.0	2.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.4978	0.5178	0.0500	10.4	10.0	4.0	20.0
2,4-Dichlorophenol	Ave	0.2655	0.2777	0.0500	10.5	10.0	4.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3560	0.3606	0.0500	10.1	10.0	1.3	20.0
Naphthalene	Ave	0.9776	0.9918	0.0500	10.1	10.0	1.5	20.0
Hexachlorobutadiene	Ave	0.1932	0.1939	0.0500	10.0	10.0	0.4	20.0
Caprolactam	Ave	0.0879	0.1085	0.0500	12.3	10.0	23.5*	20.0
4-Chloro-3-methylphenol	Ave	0.2840	0.2951	0.0500	10.4	10.0	3.9	20.0
2-Methylnaphthalene	Ave	0.6414	0.6427	0.0500	10.0	10.0	0.2	20.0
1-Methylnaphthalene	Ave	0.6013	0.6082	0.0500	10.1	10.0	1.1	20.0
Hexachlorocyclopentadiene	Ave	0.3381	0.3573	0.0500	10.6	10.0	5.7	20.0
2,4,6-Trichlorophenol	Ave	0.3147	0.3221	0.0500	10.2	10.0	2.3	20.0
2,4,5-Trichlorophenol	Ave	0.3437	0.3556	0.0500	10.3	10.0	3.5	20.0
1,1'-Biphenyl	Ave	1.316	1.283	0.0500	9.75	10.0	-2.5	20.0
2-Chloronaphthalene	Ave	1.250	1.239	0.0500	9.91	10.0	-0.9	20.0
2-Nitroaniline	Ave	0.3538	0.3907	0.0500	11.0	10.0	10.4	20.0
Dimethyl phthalate	Ave	1.149	1.136	0.0500	9.89	10.0	-1.1	20.0
2,6-Dinitrotoluene	Qua		0.3034	0.0500	10.0	10.0	0.5	20.0
Acenaphthylene	Ave	1.643	1.685	0.0500	10.3	10.0	2.5	20.0
3-Nitroaniline	Ave	0.2829	0.3053	0.0500	10.8	10.0	7.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70697/2 Calibration Date: 12/31/2012 09:35

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: 21231002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.024	0.995	0.0500	9.72	10.0	-2.8	20.0
2,4-Dinitrophenol	Qua		0.1683	0.0500	22.5	20.0	12.5	20.0
4-Nitrophenol	Qua		0.1757	0.0500	9.94	10.0	-0.6	20.0
2,4-Dinitrotoluene	Qua		0.4198	0.0500	10.2	10.0	1.5	20.0
Dibenzofuran	Ave	1.510	1.447	0.0500	9.58	10.0	-4.2	20.0
Diethyl phthalate	Ave	1.147	1.131	0.0500	9.86	10.0	-1.4	20.0
4-Chlorophenyl phenyl ether	Ave	0.6708	0.6624	0.0500	9.88	10.0	-1.2	20.0
4-Nitroaniline	Ave	0.2803	0.3126	0.0500	11.2	10.0	11.5	20.0
Fluorene	Ave	1.204	1.206	0.0500	10.0	10.0	0.1	20.0
4,6-Dinitro-2-methylphenol	Qua		0.1373	0.0500	11.0	10.0	9.9	20.0
N-Nitrosodiphenylamine	Ave	0.5419	0.5551	0.0500	10.2	10.0	2.4	20.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.8354	0.8753	0.0500	10.5	10.0	4.8	20.0
Azobenzene	Ave	0.8354	0.8767	0.0500	10.5	10.0	4.9	20.0
4-Bromophenyl phenyl ether	Ave	0.2319	0.2362	0.0500	10.2	10.0	1.8	20.0
Hexachlorobenzene	Ave	0.2309	0.2309	0.0500	10.0	10.0	0.0	20.0
Atrazine	Ave	0.1525	0.1658	0.0500	10.9	10.0	8.7	20.0
Pentachlorophenol	Ave	0.1321	0.1445	0.0500	21.9	20.0	9.4	20.0
Phenanthrene	Ave	1.074	1.088	0.0500	10.1	10.0	1.4	20.0
Anthracene	Ave	1.072	1.122	0.0500	10.5	10.0	4.7	20.0
Carbazole	Ave	1.027	1.069	0.0500	10.4	10.0	4.1	20.0
Di-n-butyl phthalate	Ave	1.161	1.224	0.0500	10.5	10.0	5.5	20.0
Fluoranthene	Ave	1.179	1.212	0.0500	10.3	10.0	2.8	20.0
Benzidine	Qua		0.5068	0.0500	10.7	10.0	7.0	20.0
Pyrene	Ave	1.157	1.200	0.0500	10.4	10.0	3.7	20.0
Butyl benzyl phthalate	Ave	0.4697	0.5026	0.0500	10.7	10.0	7.0	20.0
3,3'-Dichlorobenzidine	Ave	0.3801	0.4174	0.0500	11.0	10.0	9.8	20.0
Bis(2-ethylhexyl) phthalate	Qua		0.7219	0.0500	10.2	10.0	1.8	20.0
Benzo[a]anthracene	Ave	1.034	1.056	0.0500	10.2	10.0	2.1	20.0
Chrysene	Ave	0.9796	0.9897	0.0500	10.1	10.0	1.0	20.0
Di-n-octyl phthalate	Qua		1.437	0.0500	10.1	10.0	1.2	20.0
Benzo[b]fluoranthene	Ave	1.194	1.299	0.0500	10.9	10.0	8.7	20.0
Benzo[k]fluoranthene	Ave	1.281	1.314	0.0500	10.3	10.0	2.6	20.0
Benzo[a]pyrene	Ave	1.123	1.221	0.0500	10.9	10.0	8.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.191	1.296	0.0500	10.9	10.0	8.8	20.0
Dibenz(a,h)anthracene	Ave	1.014	1.077	0.0500	10.6	10.0	6.2	20.0
Benzo[g,h,i]perylene	Ave	1.044	1.134	0.0500	10.9	10.0	8.7	20.0
2-Fluorophenol (Surr)	Ave	1.227	1.325	0.0500	10.8	10.0	7.9	20.0
Phenol-d5 (Surr)	Ave	1.634	1.754	0.0500	10.7	10.0	7.4	20.0
Nitrobenzene-d5 (Surr)	Ave	0.4406	0.4563	0.0500	10.4	10.0	3.6	20.0
2-Fluorobiphenyl (Surr)	Ave	1.433	1.421	0.0500	9.92	10.0	-0.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70697/2 Calibration Date: 12/31/2012 09:35

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: 21231002.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)	Ave	0.1345	0.1431	0.0500	10.6	10.0	6.4	20.0
Terphenyl-d14 (Surr)	Ave	0.8184	0.8258	0.0500	10.1	10.0	0.9	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231002.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	31-Dec-2012 09:35:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0016305-002		
Misc. Info.:	CCV TCL		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	70697	Lims Sample ID:	2
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\8270_hp7.m		
Last Update:	02-Jan-2013 12:45:20	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:	XAWRK026		
First Level Reviewer: gruberj		Date:	31-Dec-2012 09:52:22

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.816	5.816	0.0	96	204574	4.00	
* 2 Naphthalene-d8	136	6.934	6.934	0.0	99	840704	4.00	
* 3 Acenaphthene-d10	164	8.426	8.426	0.0	91	511487	4.00	
* 4 Phenanthrene-d10	188	9.677	9.677	0.0	98	807151	4.00	
* 5 Chrysene-d12	240	12.170	12.170	0.0	89	851975	4.00	
* 6 Perylene-d12	264	14.186	14.186	0.0	92	713325	4.00	
$ 7 2-Fluorophenol	112	4.543	4.543	0.0	94	677400	10.8	
$ 8 Phenol-d5	99	5.457	5.457	0.0	97	897121	10.7	
$ 9 Nitrobenzene-d5	82	6.302	6.302	0.0	95	958969	10.4	
$ 10 2-Fluorobiphenyl (Surr)	172	7.843	7.843	0.0	99	1817446	9.92	
$ 11 2,4,6-Tribromophenol	330	9.089	9.089	0.0	92	182973	10.6	
$ 12 Terphenyl-d14	244	11.015	11.015	0.0	99	1758919	10.1	
24 1,4-Dioxane	88	2.254	2.254	0.0	98	284409	9.83	M
25 N-Nitrosodimethylamine	74	2.697	2.697	0.0	90	435831	10.9	
26 Pyridine	79	2.746	2.746	0.0	89	770748	10.9	
27 Ethyl methacrylate	69	3.446	3.446	0.0	91	616932	10.6	
28 3-Chloropropionitrile	54	3.858	3.858	0.0	85	614478	11.2	
32 Malononitrile	66	4.233	4.233	0.0	97	879543	10.7	
40 Benzaldehyde	77	5.415	5.415	0.0	89	701512	10.6	
41 Phenol	94	5.473	5.473	0.0	98	953910	10.9	
43 Aniline	93	5.511	5.511	0.0	96	1209818	10.6	
44 Bis(2-chloroethyl)ether	93	5.570	5.570	0.0	92	866701	10.2	
46 2-Chlorophenol	128	5.618	5.618	0.0	96	740667	10.7	
47 1,3-Dichlorobenzene	146	5.762	5.762	0.0	95	929778	10.4	
48 1,4-Dichlorobenzene	146	5.832	5.832	0.0	91	767759	10.3	
49 Benzyl alcohol	108	5.928	5.928	0.0	88	454150	10.5	
50 1,2-Dichlorobenzene	146	5.965	5.965	0.0	91	879164	10.2	
51 2-Methylphenol	108	6.019	6.019	0.0	98	672616	10.7	
52 2,2'-oxybis[1-chloropropane]	45	6.051	6.051	0.0	90	1311458	10.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.153	6.153	0.0	96	702819	10.4	
56 N-Nitrosodi-n-propylamine	70	6.163	6.163	0.0	93	545859	10.8	
57 Acetophenone	105	6.169	6.169	0.0	90	1040321	10.7	
60 Hexachloroethane	117	6.270	6.270	0.0	92	368241	10.4	
61 Nitrobenzene	77	6.324	6.324	0.0	89	974931	10.2	
63 Isophorone	82	6.527	6.527	0.0	97	1458185	10.5	
65 2-Nitrophenol	139	6.602	6.602	0.0	95	382330	11.1	
66 1,3,5-Trichlorobenzene	180	6.607	6.607	0.0	94	759095	10.1	
64 2,4-Dimethylphenol	107	6.618	6.618	0.0	94	750953	10.5	
69 Benzoic acid	122	6.682	6.682	0.0	84	886365	20.6	
68 Bis(2-chloroethoxy)methane	93	6.704	6.704	0.0	92	1088182	10.4	
71 2,4-Dichlorophenol	162	6.805	6.805	0.0	97	583624	10.5	
72 1,2,4-Trichlorobenzene	180	6.880	6.880	0.0	92	757884	10.1	
73 Naphthalene	128	6.955	6.955	0.0	96	2084454	10.1	
74 4-Chloroaniline	127	6.987	6.987	0.0	82	882655	10.2	
77 Hexachlorobutadiene	225	7.051	7.051	0.0	95	407589	10.0	
78 1,2,3-Trichlorobenzene	180	7.073	7.073	0.0	92	722421	0	
83 Caprolactam	113	7.271	7.271	0.0	69	228060	12.3	
84 4-Chloro-3-methylphenol	107	7.383	7.383	0.0	96	620304	10.4	
85 2-Methylnaphthalene	142	7.538	7.538	0.0	87	1350796	10.0	
86 1-Methylnaphthalene	142	7.624	7.624	0.0	92	1278245	10.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.672	7.672	0.0	96	732917	9.98	
88 Hexachlorocyclopentadiene	237	7.672	7.672	0.0	84	456841	10.6	
90 2,4,6-Trichlorophenol	196	7.768	7.768	0.0	93	411826	10.2	
91 2,4,5-Trichlorophenol	196	7.800	7.800	0.0	93	454763	10.3	
94 2,4-Toluene diamine	121	7.912	7.912	0.0	96	333794	8.35	
96 1,2,3,4 -Tetrachlorobenzene	216	7.923	7.923	0.0	94	715242	0	
95 1,1'-Biphenyl	154	7.934	7.934	0.0	94	1640614	9.75	
98 2-Chloronaphthalene	162	7.955	7.955	0.0	96	1584638	9.91	
100 2-Nitroaniline	65	8.030	8.030	0.0	79	499549	11.0	
103 Dimethyl phthalate	163	8.169	8.169	0.0	97	1452860	9.89	
105 2,6-Dinitrotoluene	165	8.228	8.228	0.0	89	387919	10.0	
106 1,2-Dinitrobenzene	168	8.276	8.276	0.0	88	192428	9.80	
107 Acenaphthylene	152	8.308	8.308	0.0	90	2154757	10.3	
108 3-Nitroaniline	138	8.372	8.372	0.0	90	390407	10.8	
110 Acenaphthene	153	8.453	8.453	0.0	93	1272816	9.72	
109 2,4-Dinitrophenol	184	8.458	8.458	0.0	75	430519	22.5	
111 4-Nitrophenol	109	8.490	8.490	0.0	95	224719	9.94	
112 2,4-Dinitrotoluene	165	8.565	8.565	0.0	86	536827	10.2	
114 Dibenzofuran	168	8.597	8.597	0.0	87	1850887	9.58	
115 2,3,5,6-Tetrachlorophenol	232	8.656	8.656	0.0	86	364232	10.4	
119 Diethyl phthalate	149	8.757	8.757	0.0	97	1445770	9.86	
121 4-Chlorophenyl phenyl ether	204	8.875	8.875	0.0	93	847065	9.88	
124 Fluorene	166	8.886	8.886	0.0	91	1541782	10.0	
123 4-Nitroaniline	138	8.886	8.886	0.0	58	399693	11.2	
126 4,6-Dinitro-2-methylphenol	198	8.913	8.913	0.0	71	277089	11.0	
130 N-Nitrosodiphenylamine	169	8.966	8.966	0.0	0	1120132	10.2	
131 Azobenzene	77	9.009	9.009	0.0	99	1769147	10.5	
129 1,2-Diphenylhydrazine	77	9.009	9.009	0.0	0	1766202	10.5	
137 4-Bromophenyl phenyl ether	248	9.287	9.287	0.0	68	476604	10.2	
139 Hexachlorobenzene	284	9.351	9.351	0.0	88	465897	10.0	
140 Atrazine	200	9.399	9.399	0.0	87	334609	10.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.506	9.506	0.0	87	583322	21.9	
146 Phenanthrene	178	9.699	9.699	0.0	97	2196321	10.1	
147 Anthracene	178	9.742	9.742	0.0	97	2264598	10.5	
149 Carbazole	167	9.865	9.865	0.0	82	2156958	10.4	
151 Di-n-butyl phthalate	149	10.127	10.127	0.0	100	2470181	10.5	
157 Fluoranthene	202	10.699	10.699	0.0	98	2445233	10.3	
158 Benzidine	184	10.795	10.795	0.0	99	1079523	10.7	
160 Pyrene	202	10.902	10.902	0.0	95	2555376	10.4	
166 Butyl benzyl phthalate	149	11.480	11.480	0.0	96	1070444	10.7	
170 3,3'-Dimethoxybenzidine	244	12.068	12.068	0.0	86	580379	10.8	
173 3,3'-Dichlorobenzidine	252	12.106	12.106	0.0	68	888929	11.0	
172 4,4'-Methylene bis(2-chloroanili	231	12.111	12.111	0.0	70	433940	10.5	
171 Bis(2-ethylhexyl) phthalate	149	12.127	12.127	0.0	97	1537684	10.2	
175 Benzo[a]anthracene	228	12.159	12.159	0.0	97	2249776	10.2	
176 Chrysene	228	12.202	12.202	0.0	94	2107895	10.1	
178 Di-n-octyl phthalate	149	13.010	13.010	0.0	99	2562561	10.1	
180 Benzo[b]fluoranthene	252	13.619	13.619	0.0	95	2315743	10.9	
181 Benzo[k]fluoranthene	252	13.657	13.657	0.0	95	2344061	10.3	
182 Benzo[a]pyrene	252	14.106	14.106	0.0	76	2177445	10.9	
186 Indeno[1,2,3-cd]pyrene	276	15.802	15.802	0.0	90	2311988	10.9	
187 Dibenz(a,h)anthracene	278	15.828	15.828	0.0	82	1921171	10.6	
188 Benzo[g,h,i]perylene	276	16.224	16.224	0.0	92	2022023	10.9	
S 189 Methyl Phenols,Total	100				0		10.7	

QC Flag Legend

Review Flags
M - Manually Integrated

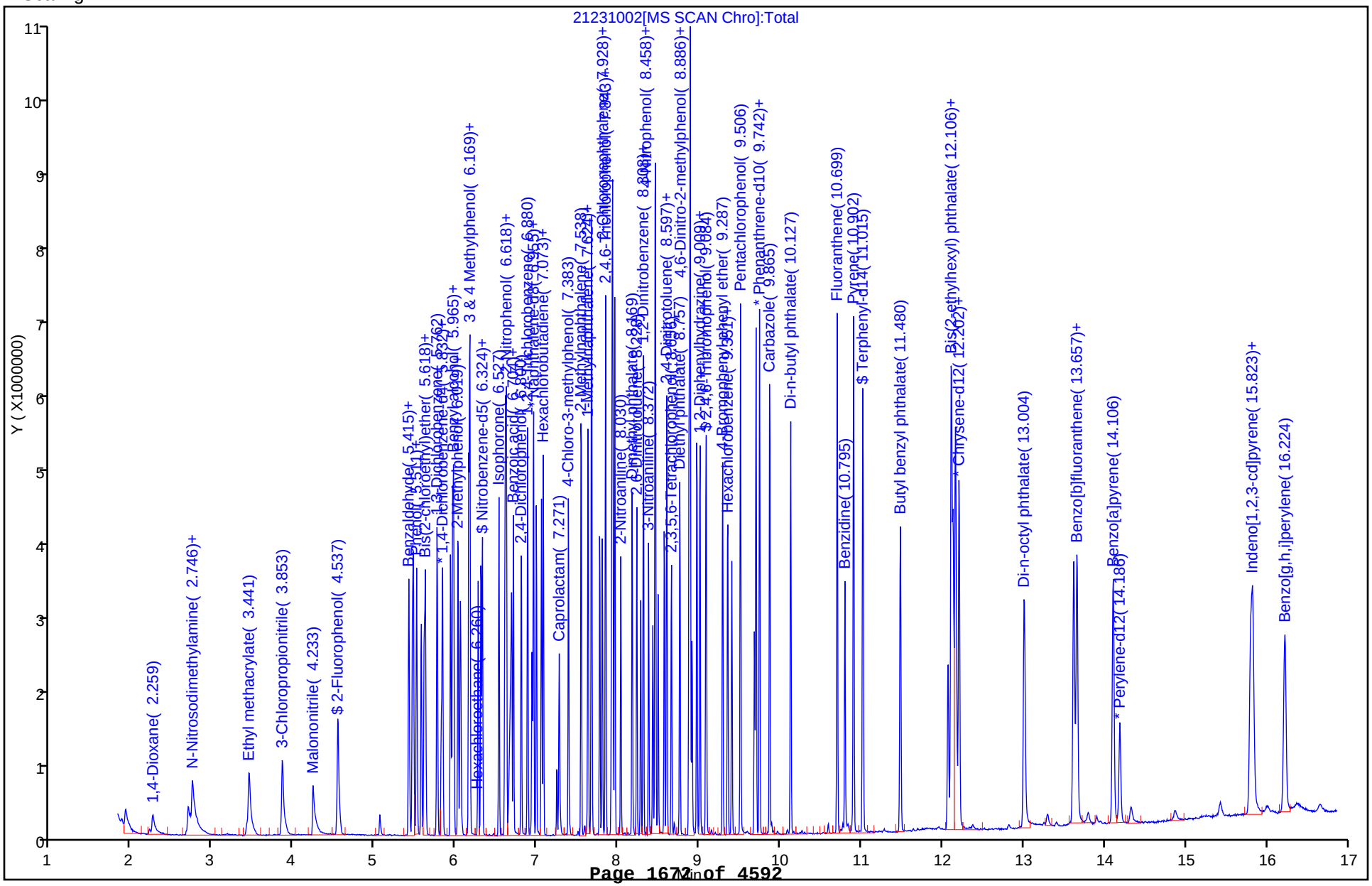
Report Date: 02-Jan-2013 12:45:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231002.D

Injection Date:	31-Dec-2012 09:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70697	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

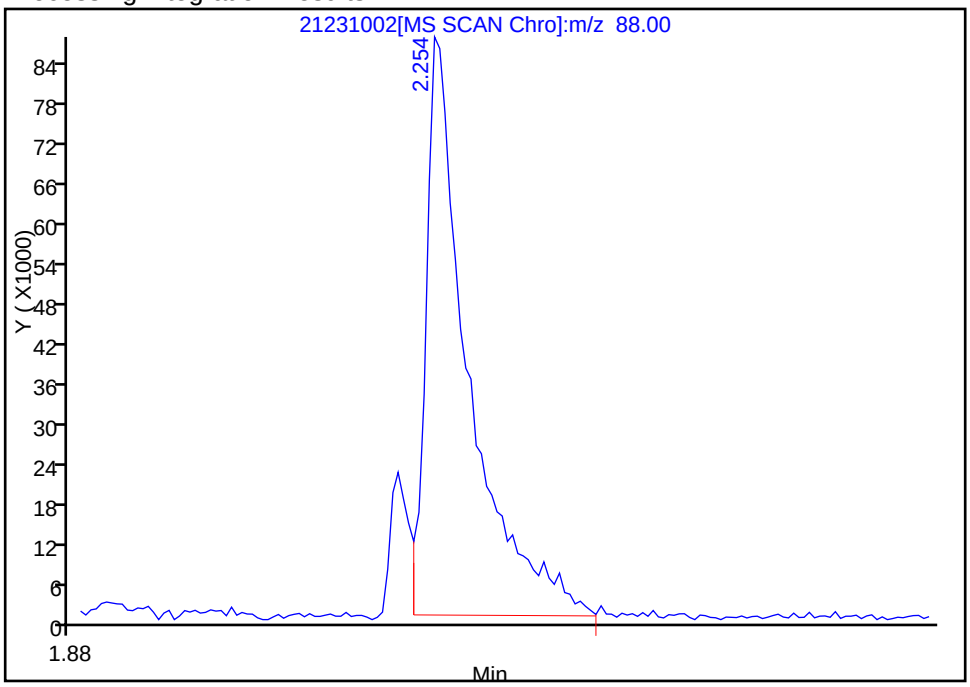
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231002.D		
Injection Date:	31-Dec-2012 09:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70697	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: 2.25

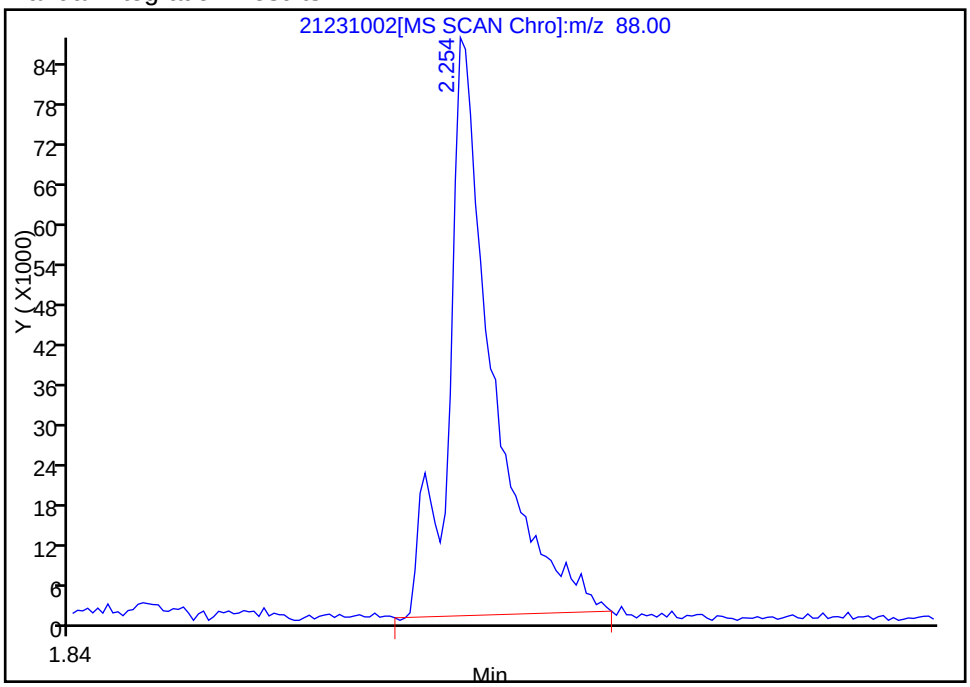
Processing Integration Results

RT: 2.25
Response: 263070
Amount: 9.091106



Manual Integration Results

RT: 2.25
Response: 284409
Amount: 9.828533



Reviewer: gruberj, 31-Dec-2012 09:52:22
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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	0.0500	11.5	10.0	15.1	20.0
N-Nitrosodimethylamine	Ave	1.057	1.147	0.0500	10.8	10.0	8.5	20.0
Benzaldehyde	Ave	1.741	0.2876	0.0500	1.65	10.0	-83.5*	20.0
Phenol	Ave	2.227	2.255	0.0500	10.1	10.0	1.3	20.0
Aniline	Ave	2.770	2.378	0.0500	8.58	10.0	-14.2	20.0
Bis(2-chloroethyl)ether	Ave	2.114	1.795	0.0500	8.49	10.0	-15.1	20.0
2-Chlorophenol	Ave	1.343	1.358	0.0500	10.1	10.0	1.1	20.0
1,3-Dichlorobenzene	Ave	1.736	1.439	0.0500	8.29	10.0	-17.1	20.0
1,4-Dichlorobenzene	Ave	1.410	1.421	0.0500	10.1	10.0	0.7	20.0
Benzyl alcohol	Ave	0.9903	1.083	0.0500	10.9	10.0	9.4	20.0
1,2-Dichlorobenzene	Ave	1.684	1.396	0.0500	8.29	10.0	-17.1	20.0
2-Methylphenol	Ave	1.461	1.382	0.0500	9.46	10.0	-5.4	20.0
3 & 4 Methylphenol	Ave	1.532	1.562	0.0500	10.2	10.0	2.0	20.0
N-Nitrosodi-n-propylamine	Ave	1.380	1.492	0.0500	10.8	10.0	8.1	20.0
Acetophenone	Ave	2.237	2.240	0.0500	10.0	10.0	0.1	20.0
Hexachloroethane	Ave	0.7413	0.6579	0.0500	8.87	10.0	-11.3	20.0
Nitrobenzene	Ave	0.6419	0.5302	0.0500	8.26	10.0	-17.4	20.0
Isophorone	Ave	0.9811	0.9645	0.0500	9.83	10.0	-1.7	20.0
2-Nitrophenol	Qua		0.1845	0.0500	10.6	10.0	5.6	20.0
2,4-Dimethylphenol	Ave	0.4258	0.3901	0.0500	9.16	10.0	-8.4	20.0
Benzoic acid	Qua		0.2258	0.0500	19.4	20.0	-2.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.6654	0.5536	0.0500	8.32	10.0	-16.8	20.0
2,4-Dichlorophenol	Ave	0.2599	0.2641	0.0500	10.2	10.0	1.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3814	0.3054	0.0500	8.01	10.0	-19.9	20.0
Naphthalene	Ave	1.053	1.039	0.0500	9.86	10.0	-1.4	20.0
Hexachlorobutadiene	Ave	0.2118	0.1783	0.0500	8.41	10.0	-15.9	20.0
Caprolactam	Qua		0.1190	0.0500	9.85	10.0	-1.5	20.0
4-Chloro-3-methylphenol	Ave	0.3508	0.3629	0.0500	10.3	10.0	3.4	20.0
2-Methylnaphthalene	Ave	0.6956	0.6587	0.0500	9.47	10.0	-5.3	20.0
Hexachlorocyclopentadiene	Ave	0.3891	0.3491	0.0500	8.97	10.0	-10.3	20.0
2,4,6-Trichlorophenol	Ave	0.3354	0.3603	0.0500	10.7	10.0	7.4	20.0
2,4,5-Trichlorophenol	Ave	0.3595	0.3859	0.0500	10.7	10.0	7.4	20.0
1,1'-Biphenyl	Ave	1.497	1.533	0.0500	10.2	10.0	2.4	20.0
2-Chloronaphthalene	Ave	1.315	1.071	0.0500	8.15	10.0	-18.5	20.0
2-Nitroaniline	Qua		0.4598	0.0500	10.3	10.0	2.7	20.0
Dimethyl phthalate	Ave	1.183	1.244	0.0500	10.5	10.0	5.1	20.0
2,6-Dinitrotoluene	Qua		0.2771	0.0500	8.57	10.0	-14.3	20.0
Acenaphthylene	Ave	1.895	1.856	0.0500	9.79	10.0	-2.1	20.0
3-Nitroaniline	Ave	0.2833	0.2912	0.0500	10.3	10.0	2.8	20.0
2,4-Dinitrophenol	Qua		0.1812	0.0500	19.4	20.0	-3.1	20.0
Acenaphthene	Ave	1.208	1.167	0.0500	9.66	10.0	-3.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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	0.0500	9.86	10.0	-1.4	20.0
2,4-Dinitrotoluene	Qua		0.3645	0.0500	8.65	10.0	-13.5	20.0
Dibenzofuran	Ave	1.684	1.632	0.0500	9.69	10.0	-3.1	20.0
Diethyl phthalate	Ave	1.266	1.298	0.0500	10.3	10.0	2.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.7948	0.6742	0.0500	8.48	10.0	-15.2	20.0
4-Nitroaniline	Qua		0.3109	0.0500	9.25	10.0	-7.5	20.0
Fluorene	Ave	1.283	1.262	0.0500	9.83	10.0	-1.7	20.0
4,6-Dinitro-2-methylphenol	Qua		0.1275	0.0500	9.96	10.0	-0.4	20.0
N-Nitrosodiphenylamine	Ave	0.5510	0.5478	0.0500	9.94	10.0	-0.6	20.0
4-Bromophenyl phenyl ether	Ave	0.2394	0.2008	0.0500	8.39	10.0	-16.1	20.0
Hexachlorobenzene	Ave	0.2304	0.1802	0.0500	7.82	10.0	-21.8*	20.0
Atrazine	Ave	0.1512	0.1008	0.0500	6.66	10.0	-33.4*	20.0
Pentachlorophenol	Qua		0.1380	0.0500	18.8	20.0	-5.8	20.0
Phenanthrene	Ave	1.112	1.080	0.0500	9.71	10.0	-2.9	20.0
Anthracene	Ave	1.098	1.081	0.0500	9.85	10.0	-1.5	20.0
Carbazole	Ave	1.008	1.055	0.0500	10.5	10.0	4.7	20.0
Di-n-butyl phthalate	Ave	1.243	1.344	0.0500	10.8	10.0	8.1	20.0
Fluoranthene	Ave	1.226	1.225	0.0500	9.99	10.0	-0.1	20.0
Benzidine	Qua		0.0322*	0.0500	1.15	10.0	-88.5*	20.0
Pyrene	Ave	1.301	1.288	0.0500	9.90	10.0	-1.0	20.0
Butyl benzyl phthalate	Ave	0.5049	0.5603	0.0500	11.1	10.0	11.0	20.0
3,3'-Dichlorobenzidine	Ave	0.4073	0.2984	0.0500	7.33	10.0	-26.7*	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7356	0.8030	0.0500	10.9	10.0	9.2	20.0
Benzo[a]anthracene	Qua		1.146	0.0500	9.72	10.0	-2.8	20.0
Chrysene	Ave	1.120	1.136	0.0500	10.1	10.0	1.4	20.0
Di-n-octyl phthalate	Qua		1.534	0.0500	9.79	10.0	-2.1	20.0
Benzo[b]fluoranthene	Ave	1.334	1.258	0.0500	9.43	10.0	-5.7	20.0
Benzo[k]fluoranthene	Ave	1.355	1.382	0.0500	10.2	10.0	2.0	20.0
Benzo[a]pyrene	Ave	1.213	1.110	0.0500	9.15	10.0	-8.5	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.344	1.327	0.0500	9.88	10.0	-1.2	20.0
Dibenz(a,h)anthracene	Ave	1.040	1.028	0.0500	9.89	10.0	-1.1	20.0
Benzo[g,h,i]perylene	Qua		1.109	0.0500	9.70	10.0	-3.0	20.0

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

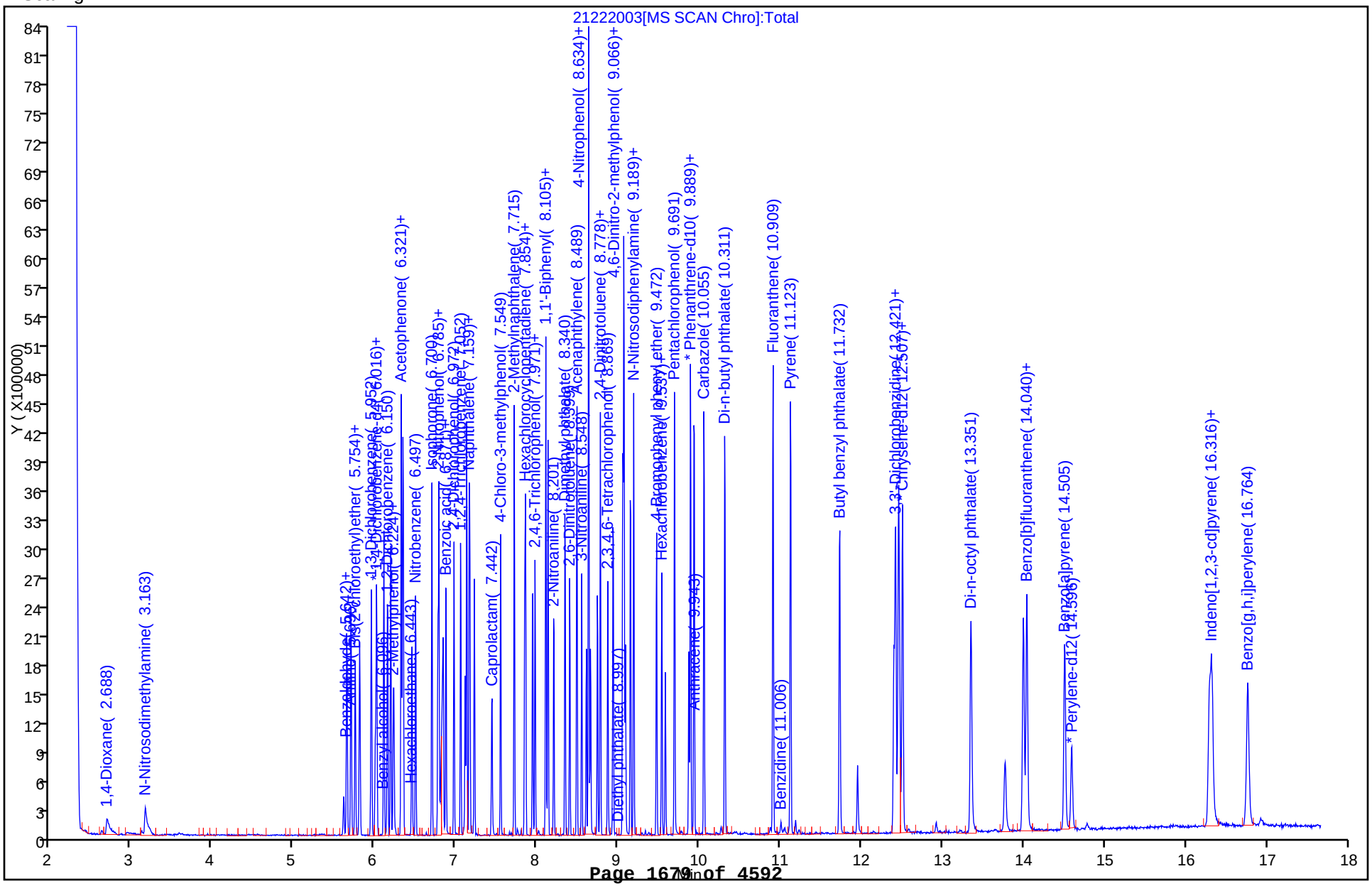
Report Date: 24-Dec-2012 10:24:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

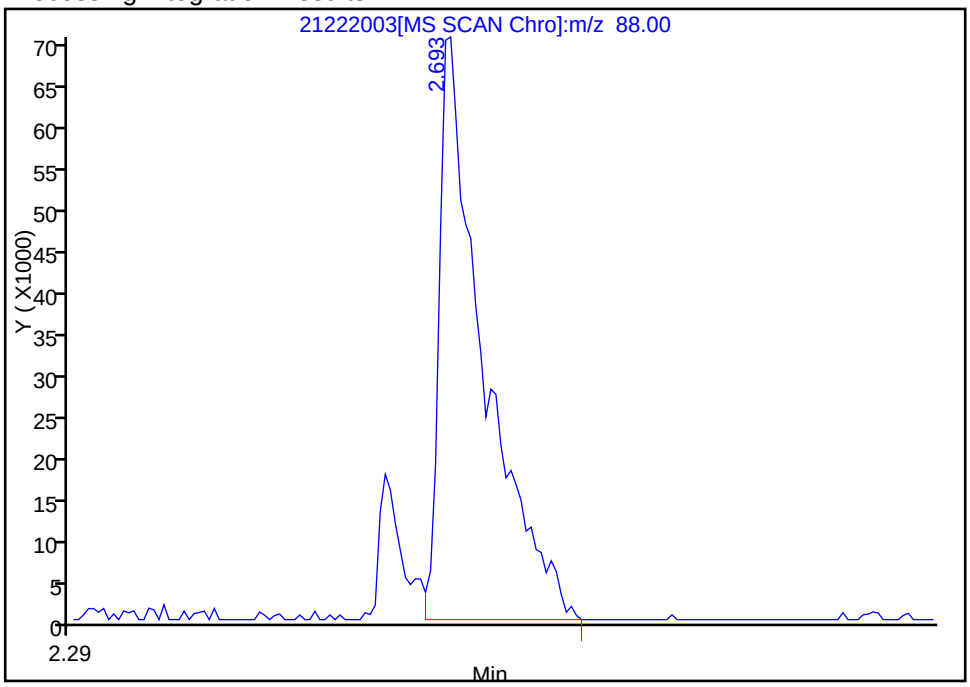
TestAmerica Canton

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

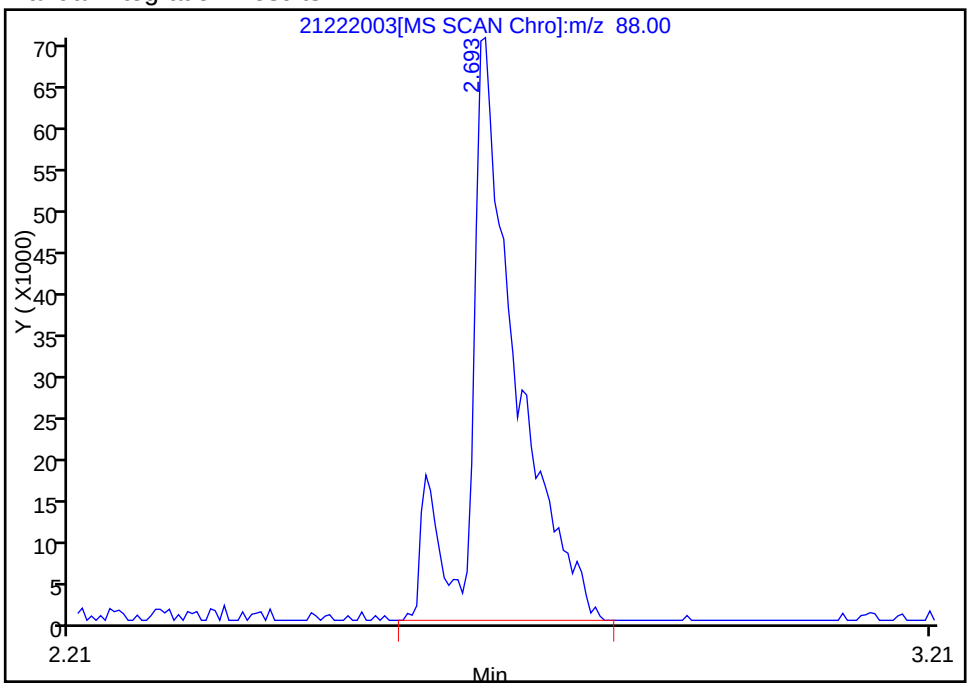
Processing Integration Results

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

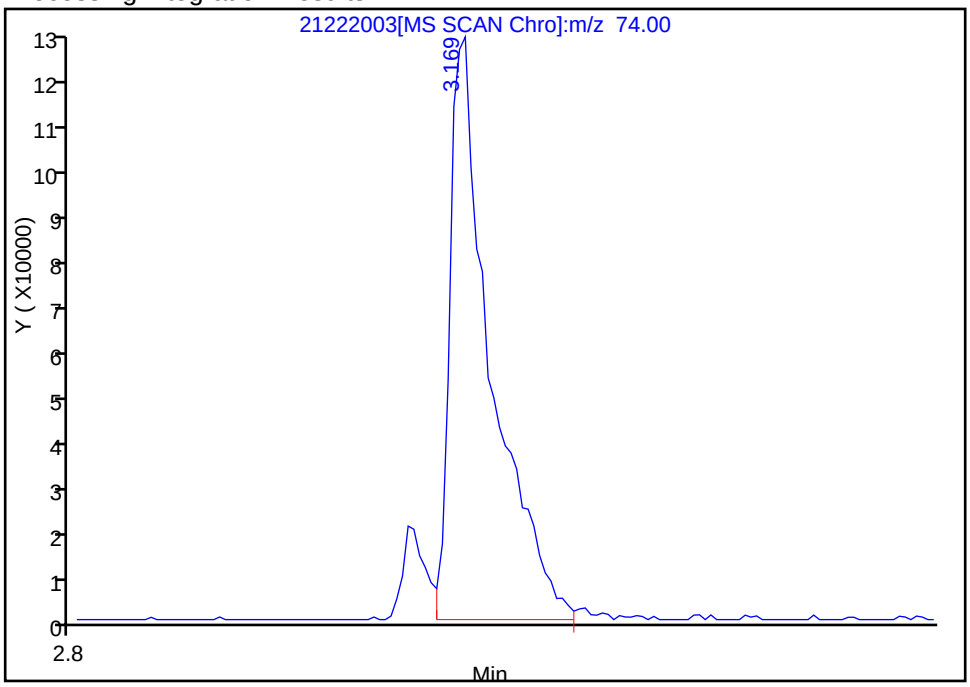
TestAmerica Canton

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

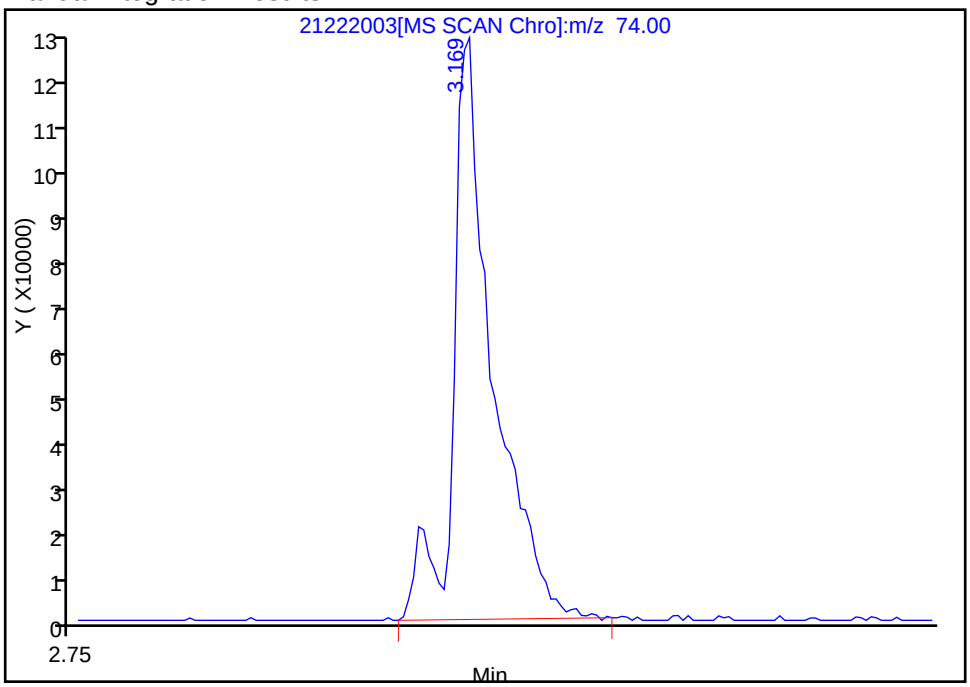
Processing Integration Results

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.: 240-18703-1

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	0.0500	11.3	10.0	12.6	20.0
2,6-Dichlorophenol	Ave	0.2503	0.2648	0.0500	10.6	10.0	5.8	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5362	0.5484	0.0500	10.2	10.0	2.3	20.0

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

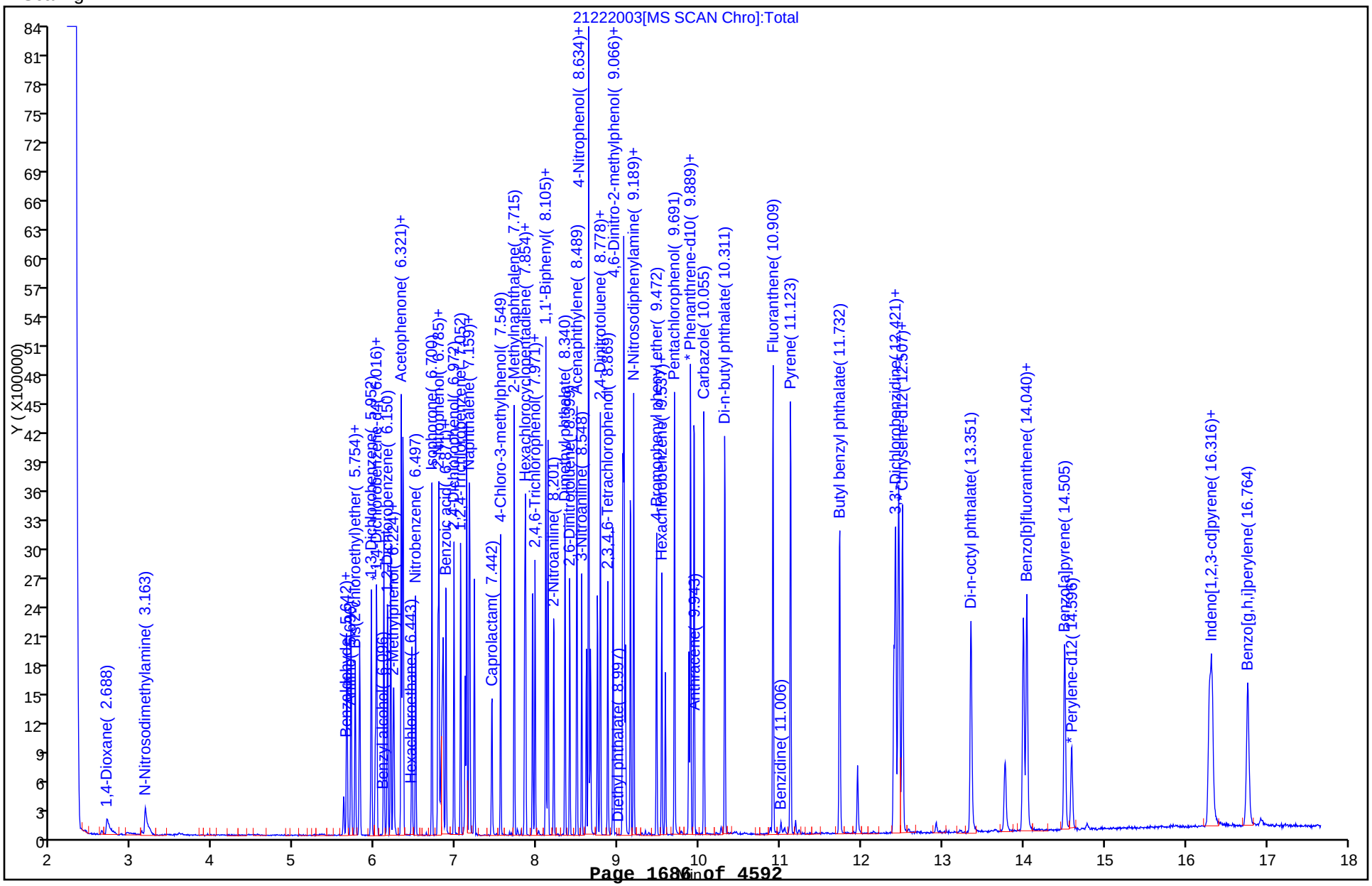
Report Date: 24-Dec-2012 10:24:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69988/2 Calibration Date: 12/24/2012 10:28

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: 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	0.6973	0.7202	0.0500	10.3	10.0	3.3	20.0
N-Nitrosodimethylamine	Ave	1.057	1.176	0.0500	11.1	10.0	11.2	20.0
Pyridine	Ave	1.883	2.000	0.0500	10.6	10.0	6.2	20.0
Benzaldehyde	Ave	1.741	1.835	0.0500	10.5	10.0	5.4	20.0
Phenol	Ave	2.227	2.281	0.0500	10.2	10.0	2.4	20.0
Aniline	Ave	2.770	2.779	0.0500	10.0	10.0	0.3	20.0
Bis(2-chloroethyl)ether	Ave	2.114	2.083	0.0500	9.86	10.0	-1.4	20.0
2-Chlorophenol	Ave	1.343	1.361	0.0500	10.1	10.0	1.3	20.0
1,3-Dichlorobenzene	Ave	1.736	1.679	0.0500	9.67	10.0	-3.3	20.0
1,4-Dichlorobenzene	Ave	1.410	1.372	0.0500	9.73	10.0	-2.7	20.0
Benzyl alcohol	Ave	0.9903	0.9941	0.0500	10.0	10.0	0.4	20.0
1,2-Dichlorobenzene	Ave	1.684	1.567	0.0500	9.30	10.0	-7.0	20.0
2-Methylphenol	Ave	1.461	1.454	0.0500	9.95	10.0	-0.5	20.0
3 & 4 Methylphenol	Ave	1.532	1.570	0.0500	10.3	10.0	2.5	20.0
N-Nitrosodi-n-propylamine	Ave	1.380	1.447	0.0500	10.5	10.0	4.9	20.0
Acetophenone	Ave	2.237	2.244	0.0500	10.0	10.0	0.3	20.0
Hexachloroethane	Ave	0.7413	0.7668	0.0500	10.3	10.0	3.4	20.0
Nitrobenzene	Ave	0.6419	0.6381	0.0500	9.94	10.0	-0.6	20.0
Isophorone	Ave	0.9811	0.9826	0.0500	10.0	10.0	0.2	20.0
2-Nitrophenol	Qua		0.1684	0.0500	9.71	10.0	-2.9	20.0
2,4-Dimethylphenol	Ave	0.4258	0.4172	0.0500	9.80	10.0	-2.0	20.0
Benzoic acid	Qua		0.2180	0.0500	18.8	20.0	-5.8	20.0
Bis(2-chloroethoxy)methane	Ave	0.6654	0.6456	0.0500	9.70	10.0	-3.0	20.0
2,4-Dichlorophenol	Ave	0.2599	0.2598	0.0500	10.0	10.0	-0.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3814	0.3635	0.0500	9.53	10.0	-4.7	20.0
Naphthalene	Ave	1.053	0.9903	0.0500	9.40	10.0	-6.0	20.0
Hexachlorobutadiene	Ave	0.2118	0.1935	0.0500	9.14	10.0	-8.6	20.0
Caprolactam	Qua		0.1241	0.0500	10.3	10.0	2.8	20.0
4-Chloro-3-methylphenol	Ave	0.3508	0.3540	0.0500	10.1	10.0	0.9	20.0
2-Methylnaphthalene	Ave	0.6956	0.6323	0.0500	9.09	10.0	-9.1	20.0
Hexachlorocyclopentadiene	Ave	0.3891	0.4127	0.0500	10.6	10.0	6.1	20.0
2,4,6-Trichlorophenol	Ave	0.3354	0.3349	0.0500	9.99	10.0	-0.1	20.0
2,4,5-Trichlorophenol	Ave	0.3595	0.3766	0.0500	10.5	10.0	4.8	20.0
1,1'-Biphenyl	Ave	1.497	1.436	0.0500	9.59	10.0	-4.1	20.0
2-Chloronaphthalene	Ave	1.315	1.225	0.0500	9.31	10.0	-6.9	20.0
2-Nitroaniline	Qua		0.4581	0.0500	10.2	10.0	2.4	20.0
Dimethyl phthalate	Ave	1.183	1.223	0.0500	10.3	10.0	3.4	20.0
2,6-Dinitrotoluene	Qua		0.3296	0.0500	10.1	10.0	0.8	20.0
Acenaphthylene	Ave	1.895	1.877	0.0500	9.90	10.0	-1.0	20.0
3-Nitroaniline	Ave	0.2833	0.3054	0.0500	10.8	10.0	7.8	20.0
2,4-Dinitrophenol	Qua		0.1911	0.0500	20.3	20.0	1.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69988/2 Calibration Date: 12/24/2012 10:28

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: 21224002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.208	1.163	0.0500	9.63	10.0	-3.7	20.0
4-Nitrophenol	Qua		0.2230	0.0500	10.4	10.0	4.2	20.0
2,4-Dinitrotoluene	Qua		0.4305	0.0500	10.1	10.0	0.9	20.0
Dibenzofuran	Ave	1.684	1.612	0.0500	9.57	10.0	-4.3	20.0
Diethyl phthalate	Ave	1.266	1.302	0.0500	10.3	10.0	2.8	20.0
4-Chlorophenyl phenyl ether	Ave	0.7948	0.7988	0.0500	10.1	10.0	0.5	20.0
4-Nitroaniline	Qua		0.3310	0.0500	9.81	10.0	-1.9	20.0
Fluorene	Ave	1.283	1.284	0.0500	10.0	10.0	0.0	20.0
4,6-Dinitro-2-methylphenol	Qua		0.1263	0.0500	9.88	10.0	-1.2	20.0
N-Nitrosodiphenylamine	Ave	0.5510	0.5465	0.0500	9.92	10.0	-0.8	20.0
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.123	1.166	0.0500	10.4	10.0	3.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2394	0.2389	0.0500	9.98	10.0	-0.2	20.0
Hexachlorobenzene	Ave	0.2304	0.2149	0.0500	9.33	10.0	-6.7	20.0
Atrazine	Ave	0.1512	0.1628	0.0500	10.8	10.0	7.7	20.0
Pentachlorophenol	Qua		0.1420	0.0500	19.3	20.0	-3.3	20.0
Phenanthrene	Ave	1.112	1.026	0.0500	9.23	10.0	-7.7	20.0
Anthracene	Ave	1.098	1.079	0.0500	9.83	10.0	-1.7	20.0
Carbazole	Ave	1.008	0.997	0.0500	9.89	10.0	-1.1	20.0
Di-n-butyl phthalate	Ave	1.243	1.295	0.0500	10.4	10.0	4.2	20.0
Fluoranthene	Ave	1.226	1.223	0.0500	9.98	10.0	-0.2	20.0
Benzidine	Qua		0.5039	0.0500	9.67	10.0	-3.3	20.0
Pyrene	Ave	1.301	1.267	0.0500	9.74	10.0	-2.6	20.0
Butyl benzyl phthalate	Ave	0.5049	0.5283	0.0500	10.5	10.0	4.6	20.0
3,3'-Dichlorobenzidine	Ave	0.4073	0.4248	0.0500	10.4	10.0	4.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7356	0.7631	0.0500	10.4	10.0	3.7	20.0
Benzo[a]anthracene	Qua		1.128	0.0500	9.58	10.0	-4.2	20.0
Chrysene	Ave	1.120	1.045	0.0500	9.33	10.0	-6.7	20.0
Di-n-octyl phthalate	Qua		1.582	0.0500	10.1	10.0	0.7	20.0
Benzo[b]fluoranthene	Ave	1.334	1.313	0.0500	9.85	10.0	-1.5	20.0
Benzo[k]fluoranthene	Ave	1.355	1.436	0.0500	10.6	10.0	5.9	20.0
Benzo[a]pyrene	Ave	1.213	1.292	0.0500	10.7	10.0	6.5	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.344	1.353	0.0500	10.1	10.0	0.7	20.0
Dibenz(a,h)anthracene	Ave	1.040	1.014	0.0500	9.75	10.0	-2.5	20.0
Benzo[g,h,i]perylene	Qua		1.150	0.0500	10.0	10.0	0.3	20.0
2-Fluorophenol (Surr)	Ave	1.342	1.360	0.0500	10.1	10.0	1.3	20.0
Phenol-d5 (Surr)	Ave	1.980	2.005	0.0500	10.1	10.0	1.2	20.0
Nitrobenzene-d5 (Surr)	Ave	0.6113	0.6139	0.0500	10.0	10.0	0.4	20.0
2-Fluorobiphenyl (Surr)	Ave	1.603	1.550	0.0500	9.67	10.0	-3.3	20.0
2,4,6-Tribromophenol (Surr)	Qua		0.1477	0.0500	10.5	10.0	4.5	20.0
Terphenyl-d14 (Surr)	Ave	0.9057	0.8530	0.0500	9.42	10.0	-5.8	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224002.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	24-Dec-2012 10:28:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0016149-002		
Misc. Info.:	CCV TCL =CCV TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	69988	Lims Sample ID:	2
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m		
Last Update:	25-Dec-2012 12:56:26	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:	XAWRK027		
First Level Reviewer: ulmanm		Date:	24-Dec-2012 11:05:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.988	5.988	0.0	95	132930	4.00	
* 2 Naphthalene-d8	136	7.094	7.094	0.0	99	536000	4.00	
* 3 Acenaphthene-d10	164	8.589	8.589	0.0	86	309125	4.00	
* 4 Phenanthrene-d10	188	9.856	9.856	0.0	97	564259	4.00	
* 5 Chrysene-d12	240	12.446	12.446	0.0	79	565933	4.00	
* 6 Perylene-d12	264	14.557	14.557	0.0	89	443641	4.00	
$ 7 2-Fluorophenol	112	4.748	4.748	0.0	93	451808	10.1	
$ 8 Phenol-d5	99	5.625	5.625	0.0	0	666152	10.1	
$ 9 Nitrobenzene-d5	82	6.469	6.469	0.0	85	822667	10.0	
$ 10 2-Fluorobiphenyl (Surr)	172	8.002	8.002	0.0	99	1197990	9.67	
$ 11 2,4,6-Tribromophenol	330	9.257	9.257	0.0	84	114156	10.5	
$ 12 Terphenyl-d14	244	11.223	11.223	0.0	97	1206870	9.42	
25 1,4-Dioxane	88	2.644	2.644	0.0	91	239329	10.3	M
26 N-Nitrosodimethylamine	74	3.124	3.124	0.0	78	390825	11.1	M
27 Pyridine	79	3.173	3.173	0.0	93	664737	10.6	M
28 Ethyl methacrylate	69	3.771	3.771	0.0	84	562996	10.4	M
29 3-Chloropropionitrile	54	4.118	4.118	0.0	87	312395	10.3	M
33 Malononitrile	66	4.444	4.444	0.0	94	754419	10.9	
41 Benzaldehyde	77	5.598	5.598	0.0	86	609921	10.5	
43 Phenol	94	5.635	5.635	0.0	94	758186	10.2	
44 Aniline	93	5.689	5.689	0.0	97	923434	10.0	
69 Bis(2-chloroethyl)ether	93	5.737	5.737	0.0	97	692284	9.86	
46 2-Chlorophenol	128	5.796	5.796	0.0	93	452327	10.1	
47 1,3-Dichlorobenzene	146	5.940	5.940	0.0	92	557835	9.67	
48 1,4-Dichlorobenzene	146	6.004	6.004	0.0	86	455911	9.73	
49 Benzyl alcohol	108	6.095	6.095	0.0	86	330378	10.0	
50 1,2-Dichlorobenzene	146	6.137	6.137	0.0	85	520591	9.30	
51 2-Methylphenol	108	6.180	6.180	0.0	96	483167	9.95	
53 2,2'-oxybis[1-chloropropane]	45	6.212	6.212	0.0	95	712818	10.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.308	6.308	0.0	91	521866	10.3	
57 N-Nitrosodi-n-propylamine	70	6.324	6.324	0.0	76	480803	10.5	
58 Acetophenone	105	6.330	6.330	0.0	85	745688	10.0	
61 Hexachloroethane	117	6.437	6.437	0.0	87	254834	10.3	
62 Nitrobenzene	77	6.485	6.485	0.0	74	855113	9.94	
64 Isophorone	82	6.688	6.688	0.0	95	1316719	10.0	
66 2-Nitrophenol	139	6.762	6.762	0.0	89	225587	9.71	
65 2,4-Dimethylphenol	107	6.773	6.773	0.0	96	559044	9.80	
67 1,3,5-Trichlorobenzene	180	6.773	6.773	0.0	88	484226	9.26	
71 Benzoic acid	122	6.827	6.827	0.0	85	584159	18.8	
70 Bis(2-chloroethoxy)methane	93	6.859	6.859	0.0	98	865081	9.70	
73 2,4-Dichlorophenol	162	6.960	6.960	0.0	96	348134	10.0	
74 1,2,4-Trichlorobenzene	180	7.040	7.040	0.0	84	487092	9.53	
75 Naphthalene	128	7.115	7.115	0.0	98	1327058	9.40	
76 4-Chloroaniline	127	7.147	7.147	0.0	80	545756	9.69	
79 Hexachlorobutadiene	225	7.211	7.211	0.0	89	259325	9.14	
80 1,2,3-Trichlorobenzene	180	7.238	7.238	0.0	86	443695	0	
84 Caprolactam	113	7.430	7.430	0.0	75	166318	10.3	
86 4-Chloro-3-methylphenol	107	7.532	7.532	0.0	87	474393	10.1	
87 2-Methylnaphthalene	142	7.703	7.703	0.0	86	847297	9.09	
88 1-Methylnaphthalene	142	7.788	7.788	0.0	81	822710	9.40	
89 Hexachlorocyclopentadiene	237	7.831	7.831	0.0	75	318945	10.6	
90 1,2,3,5-Tetrachlorobenzene	216	7.831	7.831	0.0	90	497568	9.71	
92 2,4,6-Trichlorophenol	196	7.927	7.927	0.0	88	258830	9.99	
93 2,4,5-Trichlorophenol	196	7.959	7.959	0.0	91	291026	10.5	
97 2,4-Toluene diamine	121	8.071	8.071	0.0	94	263776	10.1	
99 1,2,3,4 -Tetrachlorobenzene	216	8.087	8.087	0.0	81	471409	0	
98 1,1'-Biphenyl	154	8.093	8.093	0.0	95	1109624	9.59	
100 2-Chloronaphthalene	162	8.119	8.119	0.0	97	946500	9.31	
102 2-Nitroaniline	65	8.189	8.189	0.0	73	354048	10.2	
105 Dimethyl phthalate	163	8.328	8.328	0.0	95	944818	10.3	
107 2,6-Dinitrotoluene	165	8.386	8.386	0.0	80	254748	10.1	
108 1,2-Dinitrobenzene	168	8.440	8.440	0.0	83	132101	10.5	
109 Acenaphthylene	152	8.472	8.472	0.0	86	1450212	9.90	
110 3-Nitroaniline	138	8.536	8.536	0.0	86	235979	10.8	
112 Acenaphthene	153	8.622	8.622	0.0	86	898999	9.63	
111 2,4-Dinitrophenol	184	8.622	8.622	0.0	71	295359	20.3	
113 4-Nitrophenol	109	8.643	8.643	0.0	87	172303	10.4	
114 2,4-Dinitrotoluene	165	8.728	8.728	0.0	75	332675	10.1	
116 Dibenzofuran	168	8.766	8.766	0.0	84	1245534	9.57	
118 2,3,5,6-Tetrachlorophenol	232	8.819	8.819	0.0	82	237166	9.93	
121 Diethyl phthalate	149	8.921	8.921	0.0	96	1005963	10.3	
123 4-Chlorophenyl phenyl ether	204	9.038	9.038	0.0	94	617332	10.1	
125 4-Nitroaniline	138	9.049	9.049	0.0	80	255827	9.81	
126 Fluorene	166	9.054	9.054	0.0	80	992222	10.0	
128 4,6-Dinitro-2-methylphenol	198	9.076	9.076	0.0	78	178197	9.88	
131 N-Nitrosodiphenylamine	169	9.134	9.134	0.0	98	770850	9.92	
132 1,2-Diphenylhydrazine	77	9.172	9.172	0.0	100	1644240	10.4	
133 Azobenzene	77	9.172	9.172	0.0	94	1644240	10.4	
139 4-Bromophenyl phenyl ether	248	9.455	9.455	0.0	71	337037	9.98	
141 Hexachlorobenzene	284	9.519	9.519	0.0	78	303191	9.33	
142 Atrazine	200	9.567	9.567	0.0	86	229678	10.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.679	9.679	0.0	80	400513	19.3	
148 Phenanthrene	178	9.877	9.877	0.0	94	1446882	9.23	
149 Anthracene	178	9.920	9.920	0.0	87	1521805	9.83	
151 Carbazole	167	10.043	10.043	0.0	82	1406239	9.89	
154 Di-n-butyl phthalate	149	10.299	10.299	0.0	100	1826241	10.4	
159 Fluoranthene	202	10.892	10.892	0.0	83	1725893	9.98	
160 Benzidine	184	10.988	10.988	0.0	84	712959	9.67	
161 Pyrene	202	11.106	11.106	0.0	97	1792375	9.74	
168 Butyl benzyl phthalate	149	11.709	11.709	0.0	92	747416	10.5	
172 3,3'-Dimethoxybenzidine	244	12.329	12.329	0.0	85	388752	9.58	
175 3,3'-Dichlorobenzidine	252	12.372	12.372	0.0	75	601054	10.4	
174 4,4'-Methylene bis(2-chloroanili	231	12.377	12.377	0.0	68	296742	9.22	
173 Bis(2-ethylhexyl) phthalate	149	12.393	12.393	0.0	96	1079639	10.4	
177 Benzo[a]anthracene	228	12.430	12.430	0.0	84	1596323	9.58	
178 Chrysene	228	12.479	12.479	0.0	86	1478428	9.33	
180 Di-n-octyl phthalate	149	13.323	13.323	0.0	100	1754493	10.1	
182 Benzo[b]fluoranthene	252	13.964	13.964	0.0	81	1456613	9.85	
183 Benzo[k]fluoranthene	252	14.006	14.006	0.0	88	1592451	10.6	
184 Benzo[a]pyrene	252	14.471	14.471	0.0	76	1433416	10.7	
188 Indeno[1,2,3-cd]pyrene	276	16.250	16.250	0.0	81	1500677	10.1	
189 Dibenz(a,h)anthracene	278	16.282	16.282	0.0	62	1124355	9.75	
190 Benzo[g,h,i]perylene	276	16.726	16.726	0.0	74	1274920	10.0	
S 191 Methyl Phenols,Total	100				0		20.2	

QC Flag Legend

Review Flags
M - Manually Integrated

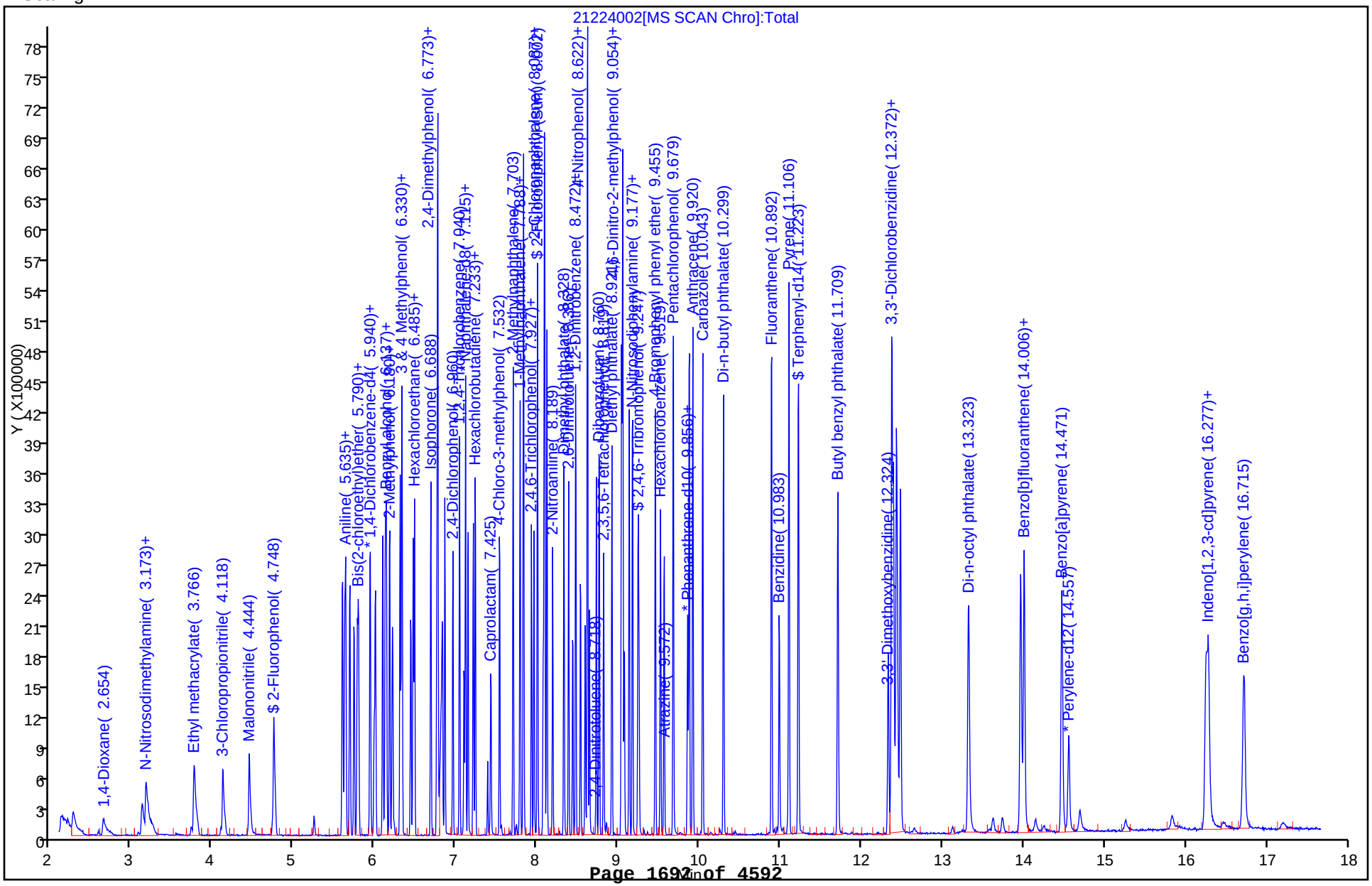
Report Date: 25-Dec-2012 12:56:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224002.D

Injection Date:	24-Dec-2012 10:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	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

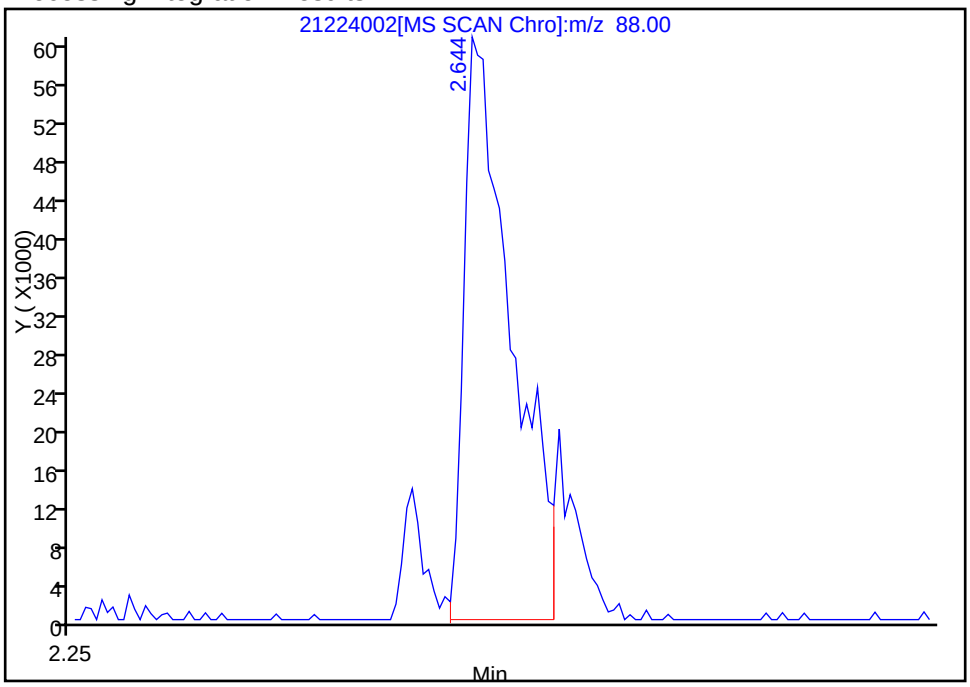
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224002.D		
Injection Date:	24-Dec-2012 10:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	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: 2.64

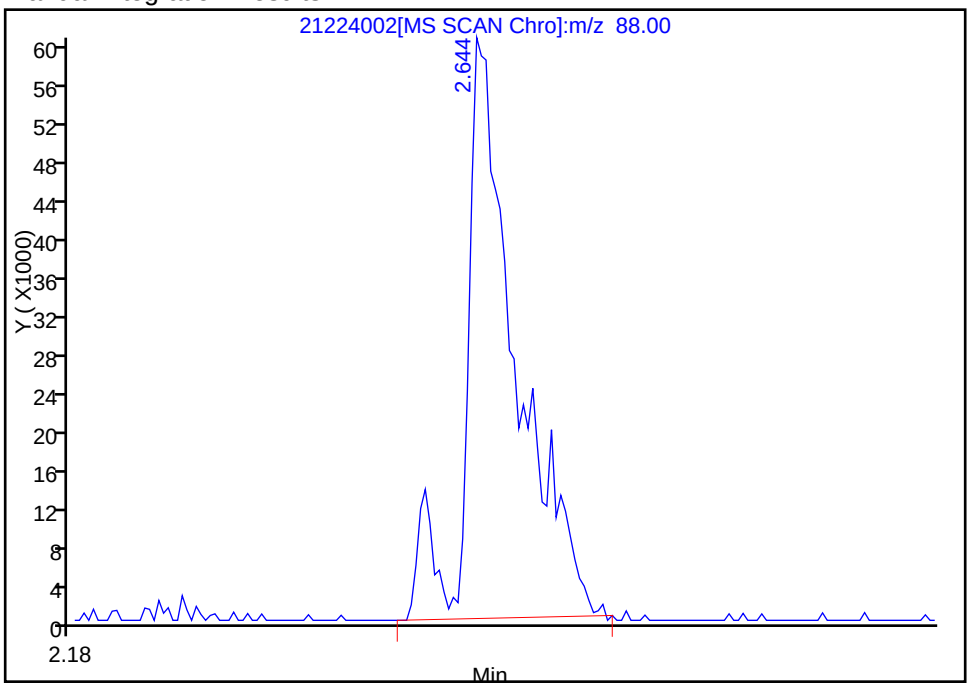
Processing Integration Results

RT: 2.64
Response: 197103
Amount: 8.505604



Manual Integration Results

RT: 2.64
Response: 239329
Amount: 10.327787



Reviewer: ulmanm, 24-Dec-2012 11:05:37
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

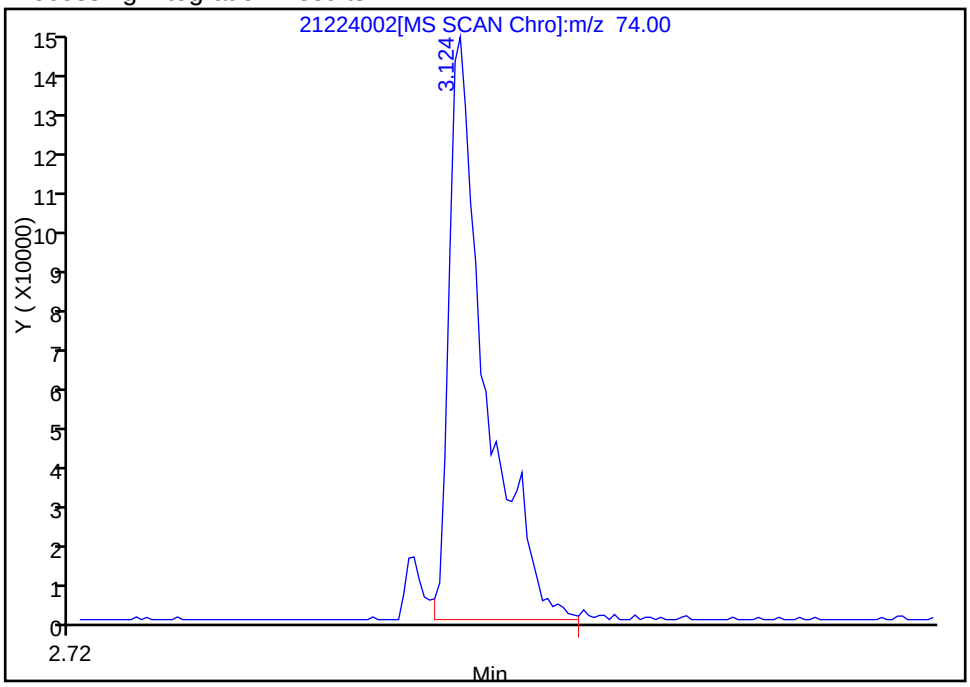
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224002.D		
Injection Date:	24-Dec-2012 10:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	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: 3.12

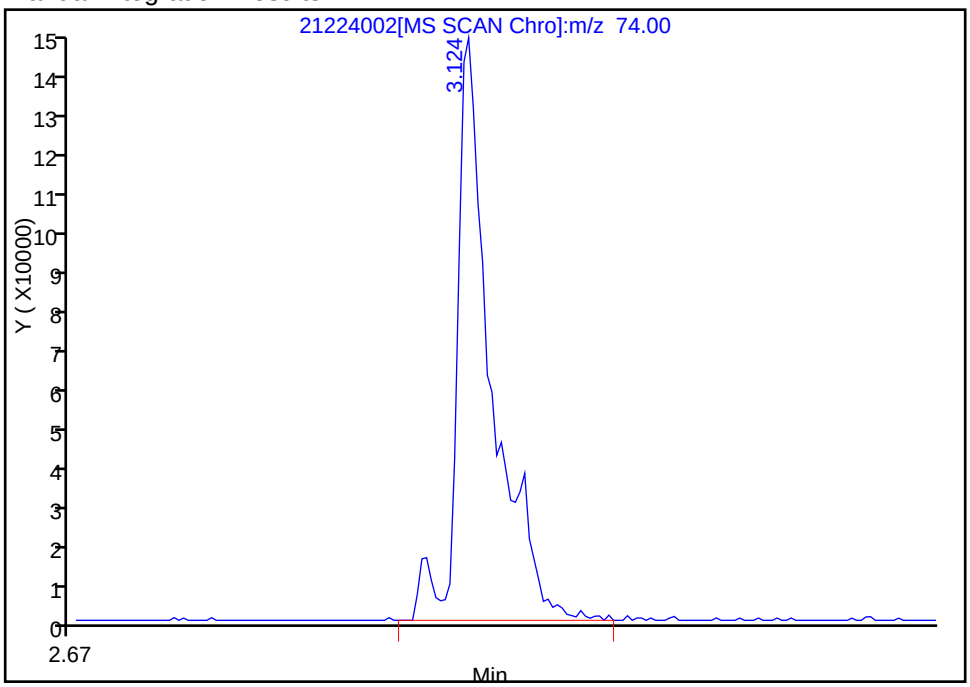
Processing Integration Results

RT: 3.12
Response: 370492
Amount: 10.546176



Manual Integration Results

RT: 3.12
Response: 390825
Amount: 11.124962



Reviewer: ulmanm, 24-Dec-2012 11:05:37
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

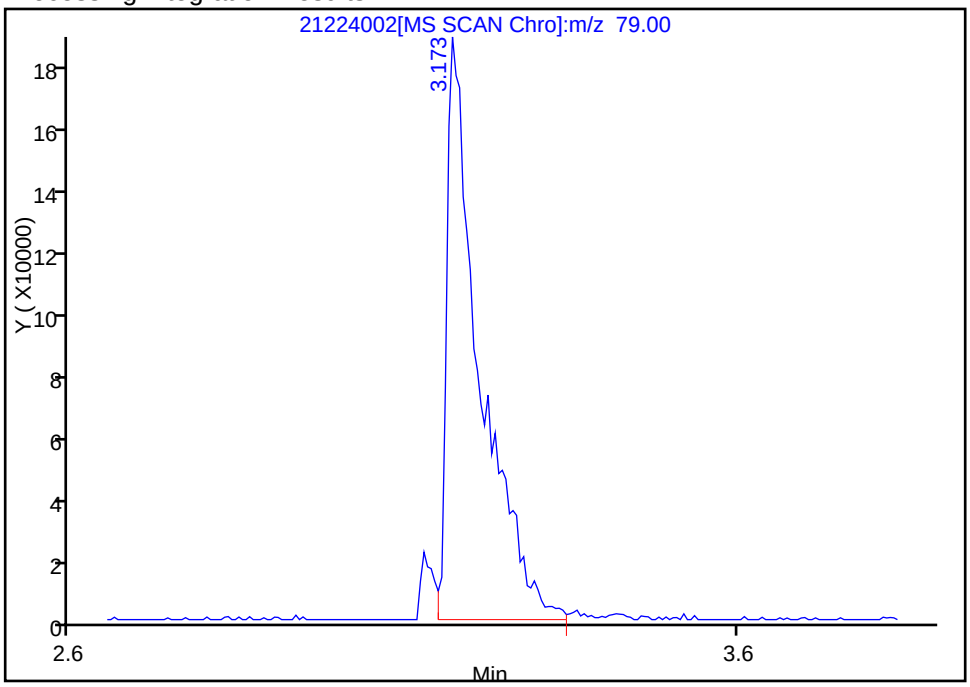
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224002.D		
Injection Date:	24-Dec-2012 10:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	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: 3.17

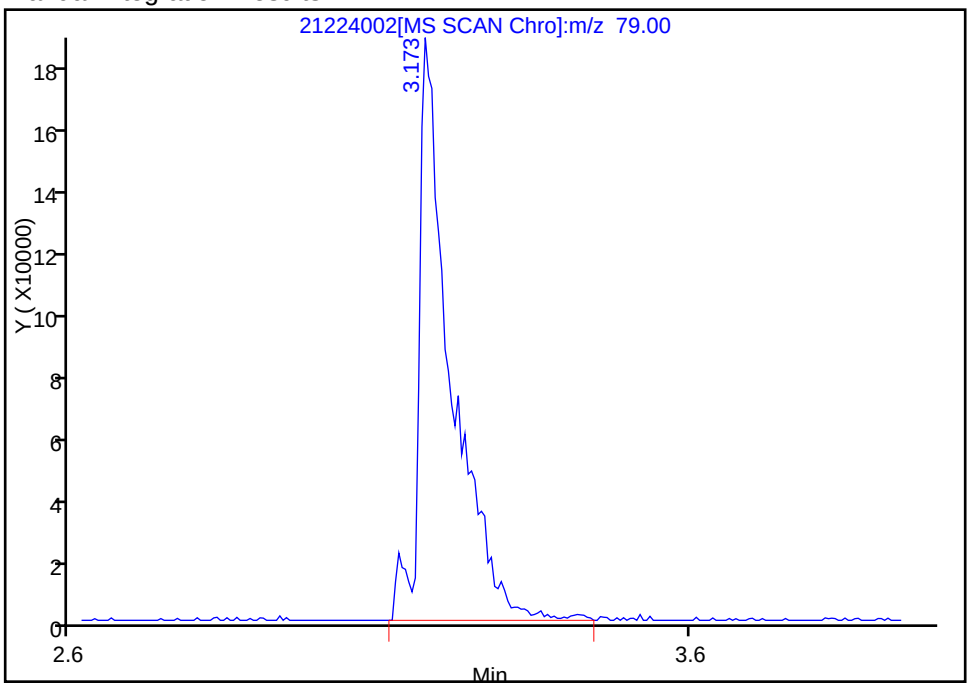
Processing Integration Results

RT: 3.17
Response: 631508
Amount: 10.092107



Manual Integration Results

RT: 3.17
Response: 664737
Amount: 10.623139



Reviewer: ulmanm, 24-Dec-2012 11:05:37
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/24/2012 20:29

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: 21224026.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.053			0.131	0.100		
2-Methylnaphthalene	Ave	0.6956			0.113	0.100		
1,1'-Biphenyl	Ave	1.497			0.129	0.100		
2-Chloronaphthalene	Ave	1.315			0.138	0.100		
Acenaphthylene	Ave	1.895			0.107	0.100		
Acenaphthene	Ave	1.208			0.136	0.100		
Fluorene	Ave	1.283			0.147	0.100		
Hexachlorobenzene	Ave	0.2304			0.137	0.100		
Phenanthrene	Ave	1.112			0.154	0.100		
Anthracene	Ave	1.098			0.145	0.100		
Fluoranthene	Ave	1.226			0.141	0.100		
Pyrene	Ave	1.301			0.147	0.100		
Benzo[a]anthracene	Qua				0.240	0.100		
Chrysene	Ave	1.120			0.142	0.100		
Benzo[b]fluoranthene	Ave	1.334			0.114	0.100		
Benzo[k]fluoranthene	Ave	1.355			0.158	0.100		
Benzo[a]pyrene	Ave	1.213			0.144	0.100		
Indeno[1,2,3-cd]pyrene	Ave	1.344			0.132	0.100		
Dibenz(a,h)anthracene	Ave	1.040			0.122	0.100		
Benzo[g,h,i]perylene	Qua				0.228	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.: 240-18703-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/24/2012 20:29

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: 21224026.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.: 240-18703-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/24/2012 20:29

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: 21224026.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			0.143	0.100	143*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.603			0.130	0.100	130*	45-105
Terphenyl-d14 (Surr)	Ave	0.9057			0.150	0.100	150*	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\20121224-16149.b\21224026.D
Lims ID: mdll1 Client ID:
Inject. Date: 24-Dec-2012 20:29:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0016149-026
Misc. Info.: MDLL1 =MDLL1
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 69988 Lims Sample ID: 26
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 26-Dec-2012 07:05:39 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: XAWRK003

First Level Reviewer: ulmanm Date: 25-Dec-2012 12:37:13

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.985	5.988	-0.003	97	185374	4.00	
* 2 Naphthalene-d8	136	7.096	7.094	0.002	99	725715	4.00	
* 3 Acenaphthene-d10	164	8.587	8.589	-0.002	76	422259	4.00	
* 4 Phenanthrene-d10	188	9.853	9.856	-0.003	98	766025	4.00	
* 5 Chrysene-d12	240	12.438	12.446	-0.008	78	739411	4.00	
* 6 Perylene-d12	264	14.554	14.557	-0.003	80	594852	4.00	
$ 7 2-Fluorophenol	112		4.748					9
$ 8 Phenol-d5	99		5.625					
$ 9 Nitrobenzene-d5	82	6.466	6.469	-0.003	72	15881	0.1432	
$ 10 2-Fluorobiphenyl (Surr)	172	7.999	8.002	-0.003	83	22033	0.1302	
$ 11 2,4,6-Tribromophenol	330		9.257					
$ 12 Terphenyl-d14	244	11.215	11.223	-0.008	74	25195	0.1505	
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	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					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88		2.644					9
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		3.124					9
27 Pyridine	79		3.173					9
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.771					
232 1-Methyl-2-pyrrilidinone	99		3.880					
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.118					9
31 2-Picoline	93		4.161					
32 N-Nitrosomethylethylamine	88		4.294					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66		4.444					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					
34 Methyl methanesulfonate	80		4.609					
30 3-Picoline	93		4.668					9
233 n,n'-Dimethylacetamide	44		4.684					
15 3-Methylcatechol	124		4.913					
36 N-Nitrosodiethylamine	102		5.010					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.288					9
38 2-Methylcyclohexanone	68		5.501					
39 3-Methylcyclohexanone	69	5.622	5.539	0.083	1	1238	0	
40 4-Methylcyclohexanone	55	5.638	5.587	0.051	1	1207	0	
41 Benzaldehyde	77		5.598					
43 Phenol	94		5.635					
44 Aniline	93		5.689					
96 3,4-Dichloronitrobenzene	109		5.725					
69 Bis(2-chloroethyl)ether	93		5.737					
45 Pentachloroethane	167		5.752					
101 Phenyl ether	170		5.773					
46 2-Chlorophenol	128		5.796					
47 1,3-Dichlorobenzene	146		5.940					
48 1,4-Dichlorobenzene	146		6.004					
49 Benzyl alcohol	108		6.095					
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					
53 2,2'-oxybis[1-chloropropane]	45		6.212					
21 3 & 4 Methylphenol	108		6.308					
56 N-Nitrosopyrrolidine	100		6.324					
57 N-Nitrosodi-n-propylamine	70		6.324					
58 Acetophenone	105		6.330					
59 N-Nitrosomorpholine	56		6.356					9
60 2-Toluidine	106		6.378					9
61 Hexachloroethane	117		6.437					
62 Nitrobenzene	77		6.485					
63 N-Nitrosopiperidine	114		6.629					
64 Isophorone	82		6.688					
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					
67 1,3,5-Trichlorobenzene	180		6.773					
71 Benzoic acid	122		6.827					9
68 o,o',o''-Triethylphosphorothioat	198		6.848					
70 Bis(2-chloroethoxy)methane	93		6.859					
73 2,4-Dichlorophenol	162		6.960					9
72 alpha,alpha-Dimethyl phenethylam	58		6.971					
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128	7.112	7.115	-0.003	81	25123	0.1315	
76 4-Chloroaniline	127		7.147					
77 2,6-Dichlorophenol	162		7.168					
78 Hexachloropropene	213		7.200					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225		7.211					
80 1,2,3-Trichlorobenzene	180		7.238					
83 N-Nitrosodi-n-butylamine	84		7.430					9
84 Caprolactam	113		7.430					9
85 p-Phenylene diamine	108		7.457					9
86 4-Chloro-3-methylphenol	107		7.532					
153 Diphenylsulfone	125		7.616					
94 Safrole, Total	162		7.628					
87 2-Methylnaphthalene	142	7.700	7.703	-0.003	71	14314	0.1134	
88 1-Methylnaphthalene	142	7.785	7.788	-0.003	51	14218	0.1200	
89 Hexachlorocyclopentadiene	237		7.831					
90 1,2,3,5-Tetrachlorobenzene	216		7.831					
91 1,2,4,5-Tetrachlorobenzene	216		7.857					
225 Isosafrole Peak 1	162		7.873					9
92 2,4,6-Trichlorophenol	196		7.927					9
93 2,4,5-Trichlorophenol	196		7.959					
227 Isosafrole Peak 2	162		8.066					9
97 2,4-Toluene diamine	121		8.071					
99 1,2,3,4 -Tetrachlorobenzene	216		8.087					
98 1,1'-Biphenyl	154	8.090	8.093	-0.003	80	20395	0.1291	
100 2-Chloronaphthalene	162	8.117	8.119	-0.002	83	19101	0.1376	
102 2-Nitroaniline	65		8.189					9
103 1,4-Naphthoquinone	158		8.274					
104 1,4-Dinitrobenzene	168		8.317					
105 Dimethyl phthalate	163		8.328					
106 1,3-Dinitrobenzene	168		8.375					9
107 2,6-Dinitrotoluene	165		8.386					
108 1,2-Dinitrobenzene	168		8.440					
109 Acenaphthylene	152	8.469	8.472	-0.003	80	21308	0.1065	
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153	8.613	8.622	-0.009	75	17290	0.1356	
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					9
114 2,4-Dinitrotoluene	165		8.728					9
115 Pentachlorobenzene	250		8.744					
116 Dibenzofuran	168		8.766					
118 2,3,5,6-Tetrachlorophenol	232		8.819					9
117 1-Naphthylamine	143		8.840					
119 2,3,4,6-Tetrachlorophenol	232		8.872					9
120 2-Naphthylamine	143		8.910					
121 Diethyl phthalate	149		8.921					
122 Thionazin	97		9.011					
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166	9.051	9.054	-0.003	75	19844	0.1465	
124 N-Nitro-o-toluidine	152		9.065					
128 4,6-Dinitro-2-methylphenol	198		9.076					
127 Tributyl phosphate	99		9.102					9
131 N-Nitrosodiphenylamine	169		9.134					
130 Diphenylamine	169		9.150					
132 1,2-Diphenylhydrazine	77		9.172					
133 Azobenzene	77		9.172					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
176 Hexabromobenzene	232		9.208					
134 Sulfotepp	202		9.262					9
135 1,3,5-Trinitrobenzene	213		9.348					
228 Diallate Peak 1	86		9.385					
137 Phenacetin	108		9.390					
138 Phorate	121		9.396					
139 4-Bromophenyl phenyl ether	248		9.455					9
230 Diallate Peak 2	86		9.465					9
141 Hexachlorobenzene	284	9.516	9.519	-0.003	40	6035	0.1368	
140 Dimethoate	87		9.545					
142 Atrazine	200		9.567					9
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.679					9
129 4-Aminobiphenyl	169		9.690					
145 Pentachloronitrobenzene	237		9.706					
144 Pronamide	173		9.716					
147 Dinoseb	211		9.829					
146 Disulfoton	88		9.839					9
148 Phenanthrene	178	9.874	9.877	-0.003	65	32843	0.1543	
149 Anthracene	178	9.912	9.920	-0.008	77	30434	0.1448	
150 DFTPP								
151 Carbazole	167		10.043					
152 Methyl parathion	109		10.160					
154 Di-n-butyl phthalate	149		10.299					
155 Ethyl Parathion	97		10.480					
156 4-Nitroquinoline-1-oxide	190		10.539					
157 Methapyrilene	58		10.582					
158 Isodrin	66		10.779					
159 Fluoranthene	202	10.884	10.892	-0.008	85	33177	0.1413	
160 Benzidine	184		10.988					9
161 Pyrene	202	11.103	11.106	-0.003	87	35414	0.1472	
166 4,4'-DDE	246		11.164					
226 Aramite Peak 1	185		11.196					9
229 Aramite Peak 2	185		11.271					9
163 p-Dimethylamino azobenzene	225		11.378					
164 Chlorobenzilate	139		11.415					
165 4,4'-DDD	235		11.538					
167 Famphur	218		11.682					
168 Butyl benzyl phthalate	149		11.709					9
187 Dibenz[a,h]acridine	279		11.729					
169 3,3'-Dimethylbenzidine	212		11.736					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.837					
171 2-Acetylaminofluorene	181		12.030					
172 3,3'-Dimethoxybenzidine	244		12.329					9
175 3,3'-Dichlorobenzidine	252		12.372					9
174 4,4'-Methylene bis(2-chloroanili	231		12.377					9
173 Bis(2-ethylhexyl) phthalate	149		12.393					
177 Benzo[a]anthracene	228	12.428	12.430	-0.002	65	33860	0.2401	
178 Chrysene	228	12.470	12.479	-0.009	69	29451	0.1422	
180 Di-n-octyl phthalate	149		13.323					
182 Benzo[b]fluoranthene	252	13.961	13.964	-0.003	63	22589	0.1139	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 7,12-Dimethylbenz(a)anthracene	256		13.985					
183 Benzo[k]fluoranthene	252	13.998	14.006	-0.008	51	31904	0.1583	
184 Benzo[a]pyrene	252	14.463	14.471	-0.008	41	26031	0.1443	
185 3-Methylcholanthrene	268		15.053					
188 Indeno[1,2,3-cd]pyrene	276	16.237	16.250	-0.013	55	26295	0.1316	M
189 Dibenz(a,h)anthracene	278	16.274	16.282	-0.008	0	18933	0.1224	M
190 Benzo[g,h,i]perylene	276	16.707	16.726	-0.019	68	20465	0.2278	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					1
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					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					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

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

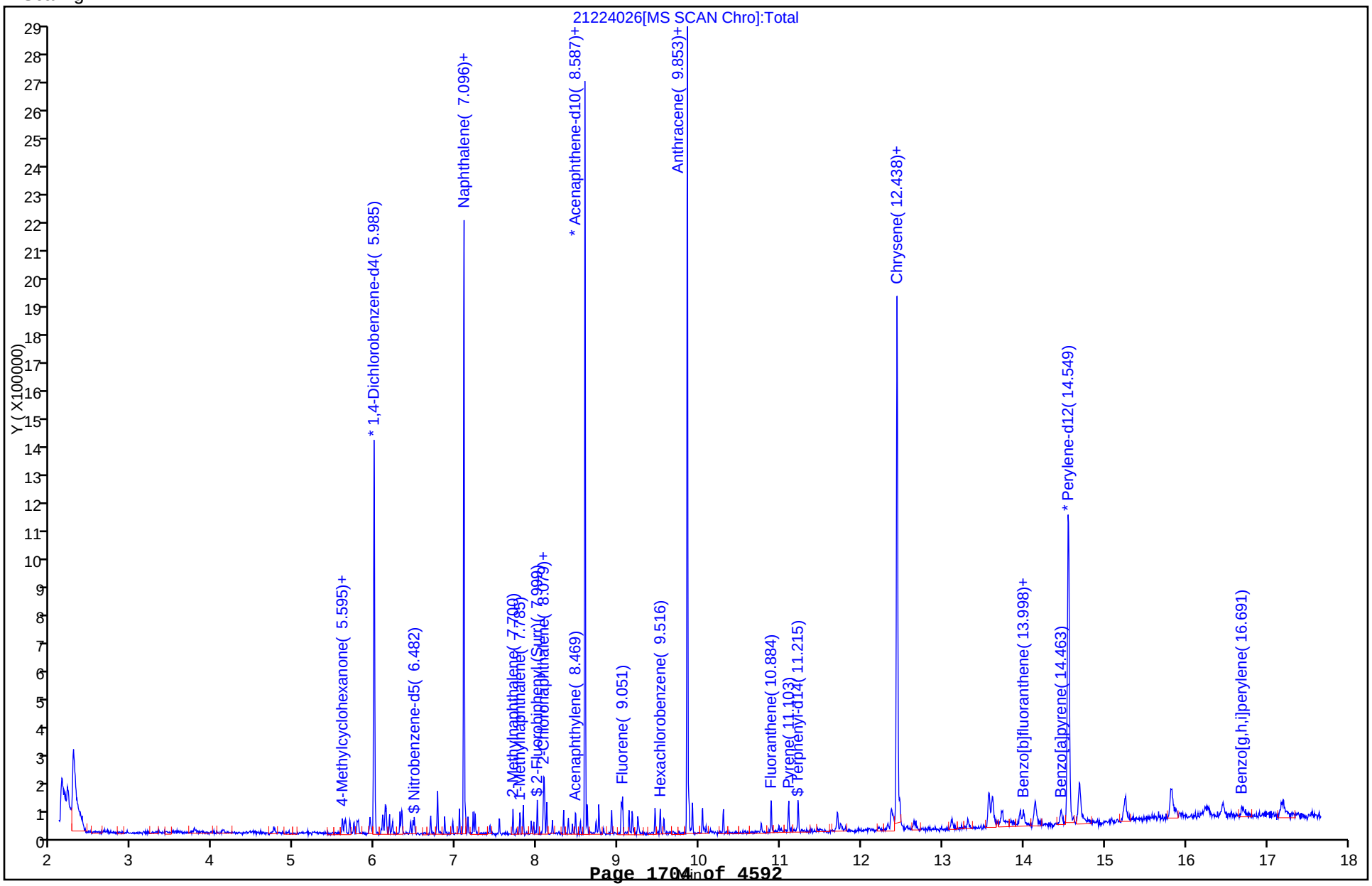
Report Date: 26-Dec-2012 07:05:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224026.D

Injection Date:	24-Dec-2012 20:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	26
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

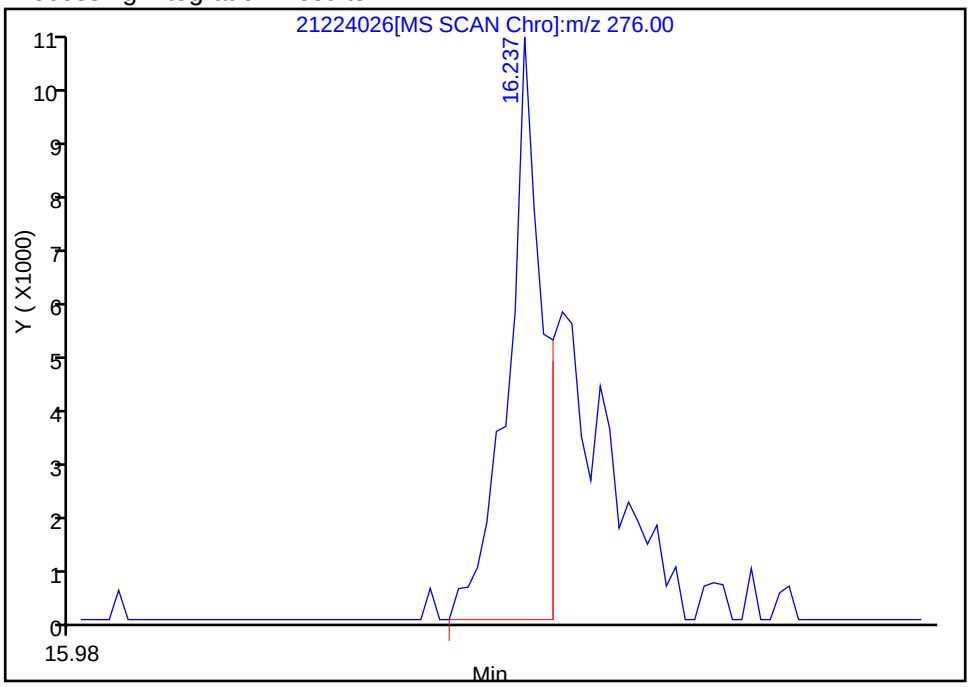
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224026.D		
Injection Date:	24-Dec-2012 20:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	26
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: 16.25

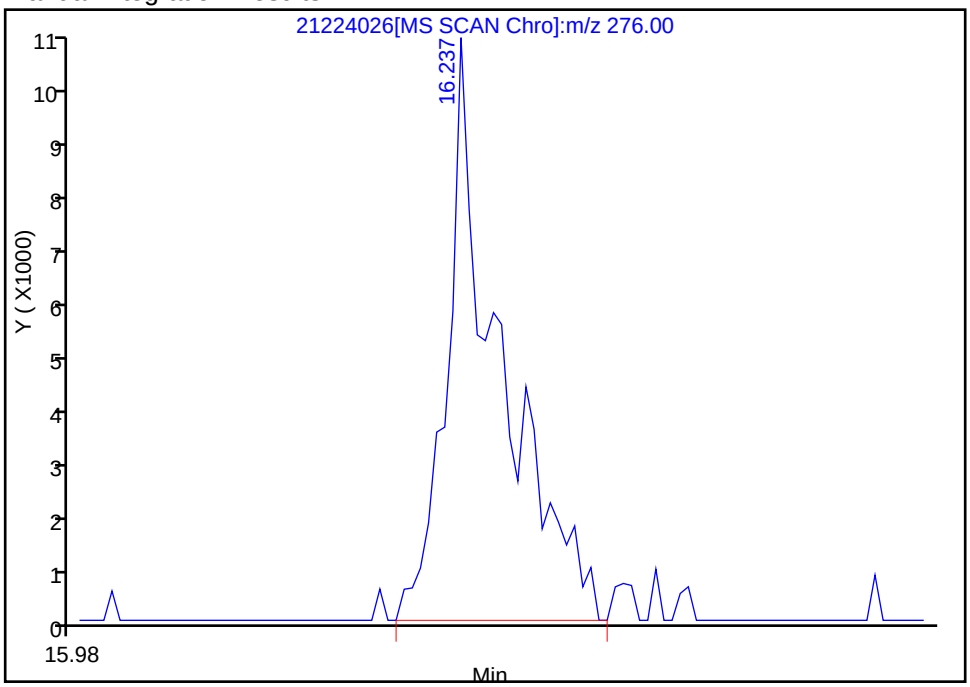
Processing Integration Results

RT: 16.24
Response: 14796
Amount: 0.074025



Manual Integration Results

RT: 16.24
Response: 26295
Amount: 0.131555



Reviewer: ulmanm, 25-Dec-2012 12:37:13
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

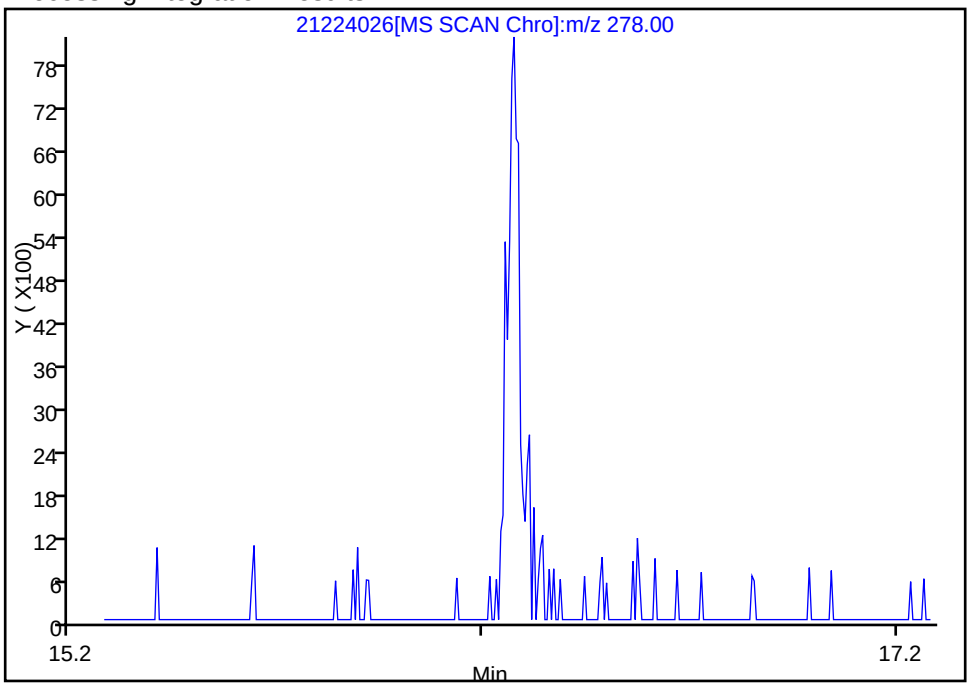
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224026.D		
Injection Date:	24-Dec-2012 20:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	26
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: 16.28

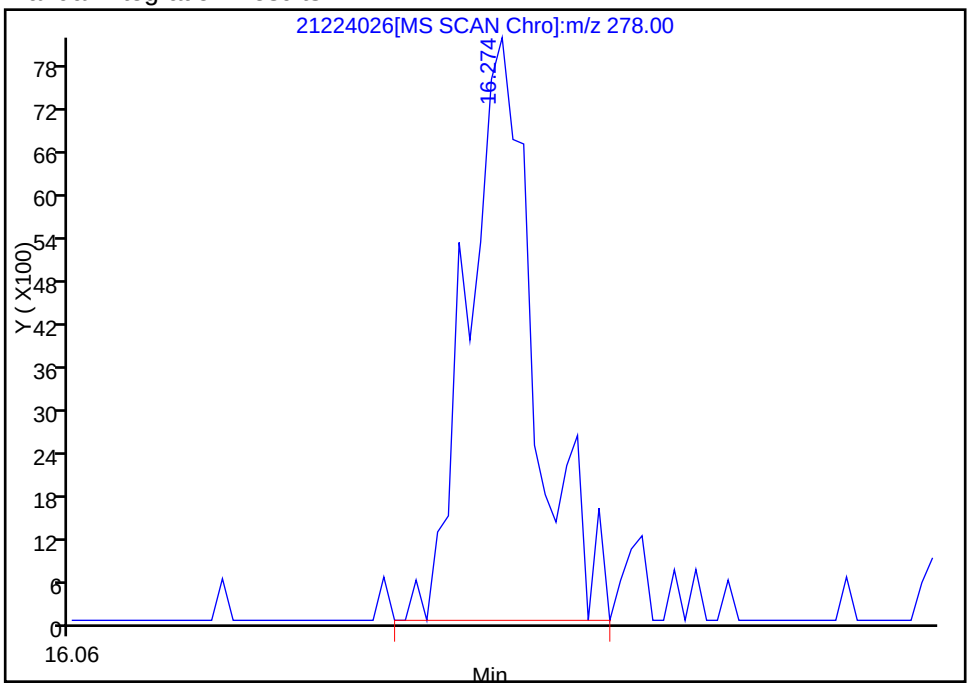
Processing Integration Results

Not Detected
Expected RT: 16.28



Manual Integration Results

RT: 16.27
Response: 18933
Amount: 0.122427



Reviewer: ulmanm, 25-Dec-2012 12:37:13
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

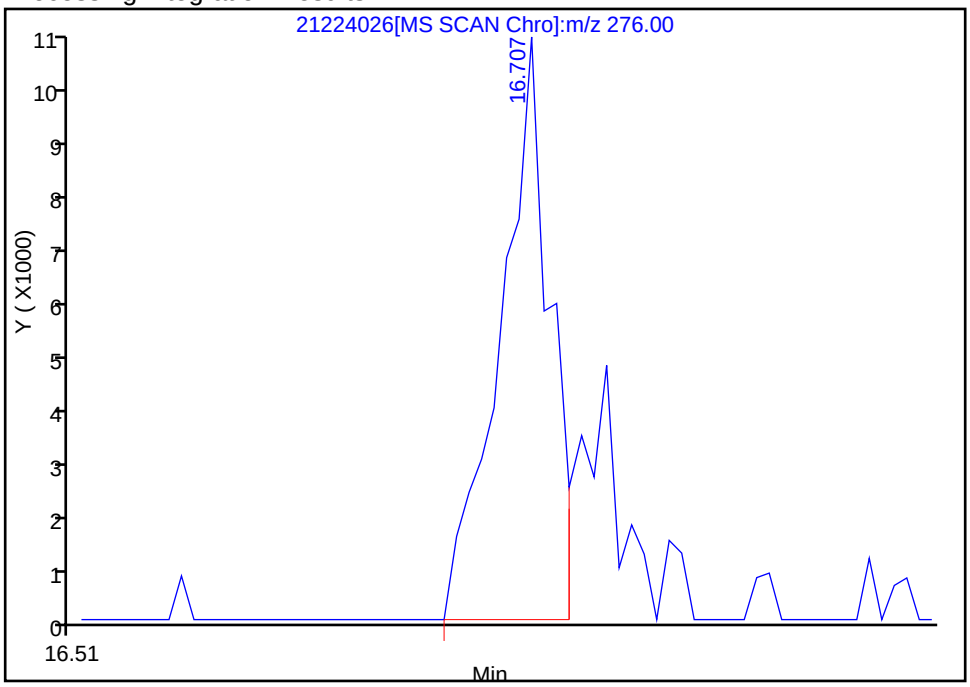
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224026.D		
Injection Date:	24-Dec-2012 20:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	26
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: 16.73

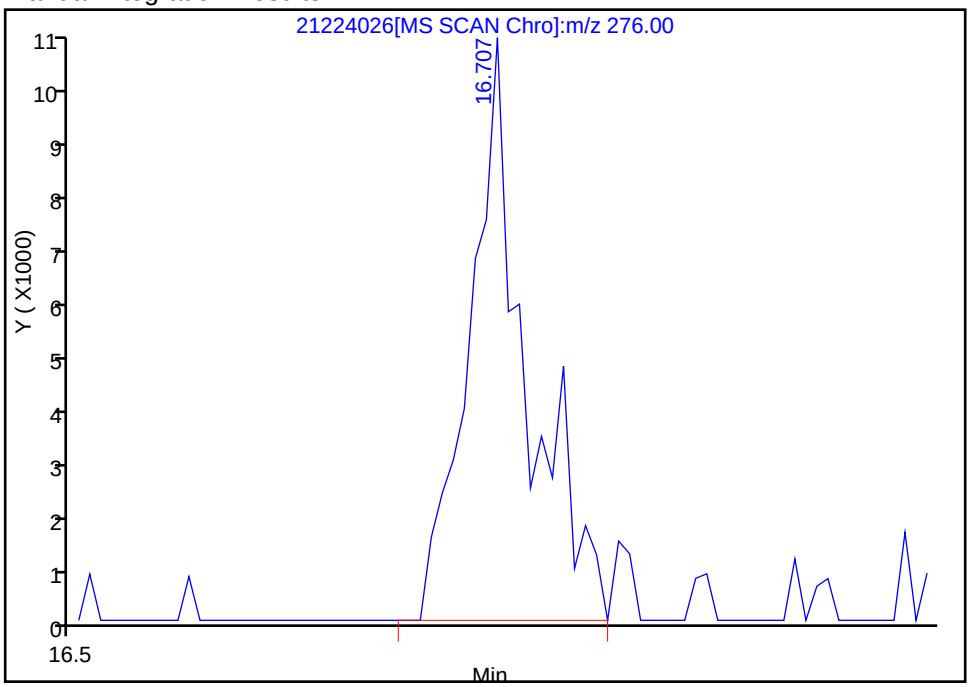
Processing Integration Results

RT: 16.71
Response: 15796
Amount: 0.199124



Manual Integration Results

RT: 16.71
Response: 20465
Amount: 0.227800



Reviewer: ulmanm, 25-Dec-2012 12:37:13
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/24/2012 20:53

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: 21224027.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			0.570	0.500		
N-Nitrosodimethylamine	Ave	1.057			0.512	0.500		
Pyridine	Ave	1.883			0.493	0.500		
Benzaldehyde	Ave	1.741			0.622	0.500		
Phenol	Ave	2.227			0.508	0.500		
Aniline	Ave	2.770			0.547	0.500		
Bis(2-chloroethyl)ether	Ave	2.114			0.533	0.500		
2-Chlorophenol	Ave	1.343			0.513	0.500		
1,3-Dichlorobenzene	Ave	1.736			0.497	0.500		
1,4-Dichlorobenzene	Ave	1.410			0.553	0.500		
Benzyl alcohol	Ave	0.9903			0.449	0.500		
1,2-Dichlorobenzene	Ave	1.684			0.473	0.500		
2-Methylphenol	Ave	1.461			0.499	0.500		
3 & 4 Methylphenol	Ave	1.532			0.526	0.500		
N-Nitrosodi-n-propylamine	Ave	1.380			0.489	0.500		
Acetophenone	Ave	2.237			0.536	0.500		
Hexachloroethane	Ave	0.7413			0.530	0.500		
Nitrobenzene	Ave	0.6419			0.459	0.500		
Isophorone	Ave	0.9811			0.466	0.500		
2-Nitrophenol	Qua				0.521	0.500		
2,4-Dimethylphenol	Ave	0.4258			0.470	0.500		
Bis(2-chloroethoxy)methane	Ave	0.6654			0.462	0.500		
2,4-Dichlorophenol	Ave	0.2599			0.513	0.500		
1,2,4-Trichlorobenzene	Ave	0.3814			0.519	0.500		
Hexachlorobutadiene	Ave	0.2118			0.477	0.500		
Caprolactam	Qua				0.636	0.500		
4-Chloro-3-methylphenol	Ave	0.3508			0.442	0.500		
Hexachlorocyclopentadiene	Ave	0.3891			0.259	0.500		
2,4,6-Trichlorophenol	Ave	0.3354			0.341	0.500		
2,4,5-Trichlorophenol	Ave	0.3595			0.447	0.500		
2-Nitroaniline	Qua				0.627	0.500		
Dimethyl phthalate	Ave	1.183			0.447	0.500		
2,6-Dinitrotoluene	Qua				0.714	0.500		
3-Nitroaniline	Ave	0.2833			0.405	0.500		
2,4-Dinitrotoluene	Qua				0.578	0.500		
Dibenzofuran	Ave	1.684			0.433	0.500		
Diethyl phthalate	Ave	1.266			0.462	0.500		
4-Chlorophenyl phenyl ether	Ave	0.7948			0.488	0.500		
4-Nitroaniline	Qua				0.741	0.500		
N-Nitrosodiphenylamine	Ave	0.5510			0.441	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/24/2012 20:53

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: 21224027.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			0.456	0.500		
4-Bromophenyl phenyl ether	Ave	0.2394			0.506	0.500		
Atrazine	Ave	0.1512			0.485	0.500		
Carbazole	Ave	1.008			0.429	0.500		
Di-n-butyl phthalate	Ave	1.243			0.401	0.500		
Benzidine	Qua				0.791	0.500		
Butyl benzyl phthalate	Ave	0.5049			0.371	0.500		
3,3'-Dichlorobenzidine	Ave	0.4073			0.385	0.500		
Bis(2-ethylhexyl) phthalate	Ave	0.7356			0.404	0.500		
Di-n-octyl phthalate	Qua				0.551	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		
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.: 240-18703-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/24/2012 20:53

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: 21224027.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			0.481	0.500	96	35-105
Phenol-d5 (Surr)	Ave	1.980			0.510	0.500	102*	40-100
2,4,6-Tribromophenol (Surr)	Qua				0.643	0.500	129*	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

Report Date: 26-Dec-2012 07:05:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224027.D
Lims ID: mdll2 Client ID:
Inject. Date: 24-Dec-2012 20:53:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0016149-027
Misc. Info.: MDLL2 =MDLL2
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 27
Lims Batch ID: 69988 Lims Sample ID: 27
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 26-Dec-2012 07:05:39 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: XAWRK003

First Level Reviewer: ulmanm Date: 25-Dec-2012 12:51:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.987	5.988	-0.001	94	153150	4.00	
* 2 Naphthalene-d8	136	7.093	7.094	-0.001	99	631823	4.00	
* 3 Acenaphthene-d10	164	8.589	8.589	0.0	85	381115	4.00	
* 4 Phenanthrene-d10	188	9.849	9.856	-0.007	98	676865	4.00	
* 5 Chrysene-d12	240	12.440	12.446	-0.006	77	653469	4.00	
* 6 Perylene-d12	264	14.550	14.557	-0.007	91	522639	4.00	
$ 7 2-Fluorophenol	112	4.748	4.748	0.0	84	24719	0.4812	
$ 8 Phenol-d5	99	5.624	5.625	-0.001	0	38647	0.5098	
$ 9 Nitrobenzene-d5	82		6.469					
$ 10 2-Fluorobiphenyl (Surr)	172		8.002					
$ 11 2,4,6-Tribromophenol	330	9.251	9.257	-0.006	27	5483	0.6431	
$ 12 Terphenyl-d14	244		11.223					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	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					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88	2.648	2.644	0.004	58	15214	0.5699	M
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	3.140	3.124	0.016	54	20713	0.5118	M
27 Pyridine	79	3.209	3.173	0.036	74	35543	0.4930	M
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.775	3.771	0.004	59	33795	0.5441	M
232 1-Methyl-2-pyrrilidinone	99		3.880					1
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.118					2
31 2-Picoline	93		4.161					
32 N-Nitrosomethylethylamine	88		4.294					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66	4.449	4.444	0.005	89	38732	0.4852	M
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					9
34 Methyl methanesulfonate	80		4.609					
30 3-Picoline	93		4.668					9
233 n,n'-Dimethylacetamide	44		4.684					
15 3-Methylcatechol	124		4.913					
36 N-Nitrosodiethylamine	102		5.010					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.288					
38 2-Methylcyclohexanone	68		5.501					
39 3-Methylcyclohexanone	69		5.539					
40 4-Methylcyclohexanone	55		5.587					
41 Benzaldehyde	77	5.597	5.598	-0.001	85	41445	0.6217	
43 Phenol	94	5.634	5.635	-0.001	90	43284	0.5075	
44 Aniline	93	5.688	5.689	-0.001	92	57983	0.5468	
96 3,4-Dichloronitrobenzene	109		5.725					
69 Bis(2-chloroethyl)ether	93	5.736	5.737	-0.001	84	43169	0.5334	
45 Pentachloroethane	167		5.752					
101 Phenyl ether	170		5.773					
46 2-Chlorophenol	128	5.795	5.796	-0.001	85	26401	0.5133	
47 1,3-Dichlorobenzene	146	5.939	5.940	-0.001	85	33014	0.4966	
48 1,4-Dichlorobenzene	146	6.003	6.004	-0.001	76	29890	0.5535	
49 Benzyl alcohol	108	6.094	6.095	-0.001	89	17026	0.4490	
50 1,2-Dichlorobenzene	146	6.137	6.137	0.0	83	30494	0.4729	
51 2-Methylphenol	108	6.179	6.180	-0.001	91	27921	0.4992	
53 2,2'-oxybis[1-chloropropane]	45	6.211	6.212	-0.001	92	44130	0.5423	
21 3 & 4 Methylphenol	108	6.302	6.308	-0.006	77	30836	0.5259	
56 N-Nitrosopyrrolidine	100		6.324					
57 N-Nitrosodi-n-propylamine	70	6.324	6.324	0.0	70	25855	0.4894	
58 Acetophenone	105	6.329	6.330	-0.001	86	45889	0.5359	
59 N-Nitrosomorpholine	56		6.356					
60 2-Toluidine	106		6.378					9
61 Hexachloroethane	117	6.436	6.437	-0.001	89	15052	0.5304	
62 Nitrobenzene	77	6.484	6.485	-0.001	73	46498	0.4586	
63 N-Nitrosopiperidine	114		6.629					
64 Isophorone	82	6.682	6.688	-0.006	94	72260	0.4663	
66 2-Nitrophenol	139	6.756	6.762	-0.006	68	9423	0.5211	
65 2,4-Dimethylphenol	107	6.772	6.773	-0.001	93	31589	0.4696	
67 1,3,5-Trichlorobenzene	180	6.767	6.773	-0.006	83	28476	0.4618	
71 Benzoic acid	122		6.827					9
68 o,o',o''-Triethylphosphorothioat	198		6.848					
70 Bis(2-chloroethoxy)methane	93	6.858	6.859	-0.001	93	48529	0.4618	
73 2,4-Dichlorophenol	162	6.959	6.960	-0.001	86	21073	0.5134	
72 alpha,alpha-Dimethyl phenethylam	58		6.971					
74 1,2,4-Trichlorobenzene	180	7.039	7.040	-0.001	82	31278	0.5191	
75 Naphthalene	128		7.115					
76 4-Chloroaniline	127	7.146	7.147	-0.001	80	31152	0.4691	
77 2,6-Dichlorophenol	162		7.168					
78 Hexachloropropene	213		7.200					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225	7.210	7.211	-0.001	77	15946	0.4766	
80 1,2,3-Trichlorobenzene	180		7.238					
83 N-Nitrosodi-n-butylamine	84		7.430					9
84 Caprolactam	113	7.413	7.430	-0.017	68	6649	0.6358	
85 p-Phenylene diamine	108		7.457					9
86 4-Chloro-3-methylphenol	107	7.531	7.532	-0.001	67	24482	0.4418	
153 Diphenylsulfone	125		7.616					
94 Safrole, Total	162		7.628					
87 2-Methylnaphthalene	142		7.703					
88 1-Methylnaphthalene	142		7.788					
89 Hexachlorocyclopentadiene	237	7.825	7.831	-0.006	19	9586	0.2586	
90 1,2,3,5-Tetrachlorobenzene	216	7.830	7.831	-0.001	79	27672	0.4380	
91 1,2,4,5-Tetrachlorobenzene	216		7.857					
225 Isosafrole Peak 1	162		7.873					9
92 2,4,6-Trichlorophenol	196	7.926	7.927	-0.001	70	10906	0.3413	
93 2,4,5-Trichlorophenol	196	7.958	7.959	-0.001	75	15323	0.4474	
227 Isosafrole Peak 2	162		8.066					9
97 2,4-Toluene diamine	121	8.070	8.071	-0.001	84	20979	0.6792	
99 1,2,3,4 -Tetrachlorobenzene	216		8.087					
98 1,1'-Biphenyl	154		8.093					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65	8.188	8.189	-0.001	65	17669	0.6267	
103 1,4-Naphthoquinone	158		8.274					
104 1,4-Dinitrobenzene	168		8.317					
105 Dimethyl phthalate	163	8.327	8.328	-0.001	89	50412	0.4473	
106 1,3-Dinitrobenzene	168		8.375					
107 2,6-Dinitrotoluene	165	8.386	8.386	0.0	72	11888	0.7144	
108 1,2-Dinitrobenzene	168	8.434	8.440	-0.006	62	6463	0.4162	
109 Acenaphthylene	152		8.472					
110 3-Nitroaniline	138	8.530	8.536	-0.006	78	10923	0.4047	
112 Acenaphthene	153		8.622					
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					9
114 2,4-Dinitrotoluene	165	8.728	8.728	0.0	61	14279	0.5776	
115 Pentachlorobenzene	250		8.744					
116 Dibenzofuran	168	8.760	8.766	-0.006	82	69473	0.4330	
118 2,3,5,6-Tetrachlorophenol	232	8.818	8.819	-0.001	35	6450	0.2191	
117 1-Naphthylamine	143		8.840					
119 2,3,4,6-Tetrachlorophenol	232		8.872					9
120 2-Naphthylamine	143		8.910					
121 Diethyl phthalate	149	8.915	8.921	-0.006	89	55720	0.4620	
122 Thionazin	97		9.011					
123 4-Chlorophenyl phenyl ether	204	9.037	9.038	-0.001	86	36926	0.4876	
125 4-Nitroaniline	138	9.048	9.049	-0.001	66	12119	0.7409	
126 Fluorene	166		9.054					
124 N-Nitro-o-toluidine	152		9.065					9
128 4,6-Dinitro-2-methylphenol	198		9.076					
127 Tributyl phosphate	99		9.102					9
131 N-Nitrosodiphenylamine	169	9.134	9.134	0.0	93	41146	0.4413	
130 Diphenylamine	169	9.134	9.150	-0.016	87	41146	0.3859	
132 1,2-Diphenylhydrazine	77	9.171	9.172	-0.001	97	86604	0.4559	
133 Azobenzene	77	9.171	9.172	-0.001	95	86604	0.4559	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
176 Hexabromobenzene	232		9.208					
134 Sulfotepp	202	9.246	9.262	-0.016	50	6524	0.4641	
135 1,3,5-Trinitrobenzene	213		9.348					
228 Diallate Peak 1	86		9.385					9
137 Phenacetin	108		9.390					
138 Phorate	121		9.396					
139 4-Bromophenyl phenyl ether	248	9.454	9.455	-0.001	63	20508	0.5062	
230 Diallate Peak 2	86		9.465					9
141 Hexachlorobenzene	284		9.519					
140 Dimethoate	87		9.545					9
142 Atrazine	200	9.561	9.567	-0.006	63	12414	0.4851	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.679					
129 4-Aminobiphenyl	169		9.690					9
145 Pentachloronitrobenzene	237		9.706					
144 Pronamide	173		9.716					
147 Dinoseb	211		9.829					
146 Disulfoton	88		9.839					9
148 Phenanthrene	178		9.877					
149 Anthracene	178		9.920					
150 DFTPP								
151 Carbazole	167	10.036	10.043	-0.007	88	73221	0.4293	
152 Methyl parathion	109		10.160					
154 Di-n-butyl phthalate	149	10.298	10.299	-0.001	93	84364	0.4011	
155 Ethyl Parathion	97		10.480					
156 4-Nitroquinoline-1-oxide	190		10.539					
157 Methapyrilene	58		10.582					
158 Isodrin	66		10.779					
159 Fluoranthene	202		10.892					
160 Benzidine	184	10.982	10.988	-0.006	59	20597	0.7912	
161 Pyrene	202		11.106					
166 4,4'-DDE	246		11.164					9
226 Aramite Peak 1	185		11.196					9
229 Aramite Peak 2	185		11.271					9
163 p-Dimethylamino azobenzene	225		11.378					
164 Chlorobenzilate	139		11.415					9
165 4,4'-DDD	235		11.538					
167 Famphur	218		11.682					
168 Butyl benzyl phthalate	149	11.703	11.709	-0.006	81	30563	0.3705	
187 Dibenz[a,h]acridine	279		11.729					
169 3,3'-Dimethylbenzidine	212		11.736					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.837					
171 2-Acetylaminofluorene	181		12.030					
172 3,3'-Dimethoxybenzidine	244		12.329					9
175 3,3'-Dichlorobenzidine	252	12.371	12.372	-0.001	47	25592	0.3846	
174 4,4'-Methylene bis(2-chloroanili	231	12.371	12.377	-0.006	61	12192	0.6566	
173 Bis(2-ethylhexyl) phthalate	149	12.392	12.393	-0.001	87	48511	0.4037	
177 Benzo[a]anthracene	228		12.430					
178 Chrysene	228		12.479					
180 Di-n-octyl phthalate	149	13.311	13.323	-0.012	76	55905	0.5507	
182 Benzo[b]fluoranthene	252		13.964					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 7,12-Dimethylbenz(a)anthracene	256		13.985					
183 Benzo[k]fluoranthene	252		14.006					
184 Benzo[a]pyrene	252		14.471					
185 3-Methylcholanthrene	268		15.053					
188 Indeno[1,2,3-cd]pyrene	276		16.250					
189 Dibenz(a,h)anthracene	278		16.282					
190 Benzo[g,h,i]perylene	276		16.726					
S 191 Methyl Phenols,Total	100				0		1.03	
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 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 231 2,3,7,8-TCDD	322		9.150					
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

QC Flag Legend

Processing Flags
1 - Missing Peaks
2 - Failed Coelution Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

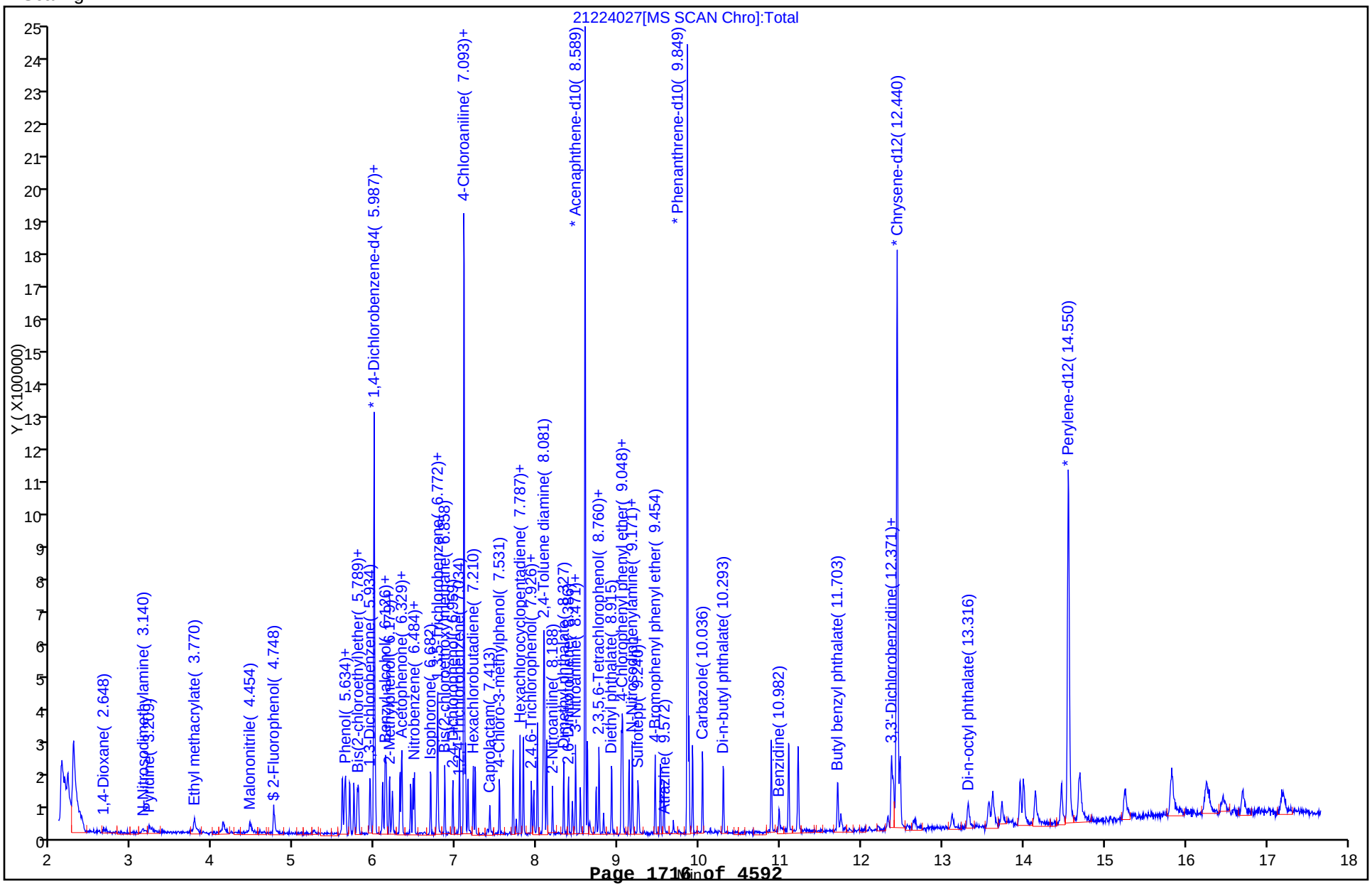
Report Date: 26-Dec-2012 07:05:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224027.D

Injection Date:	24-Dec-2012 20:53:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	27
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

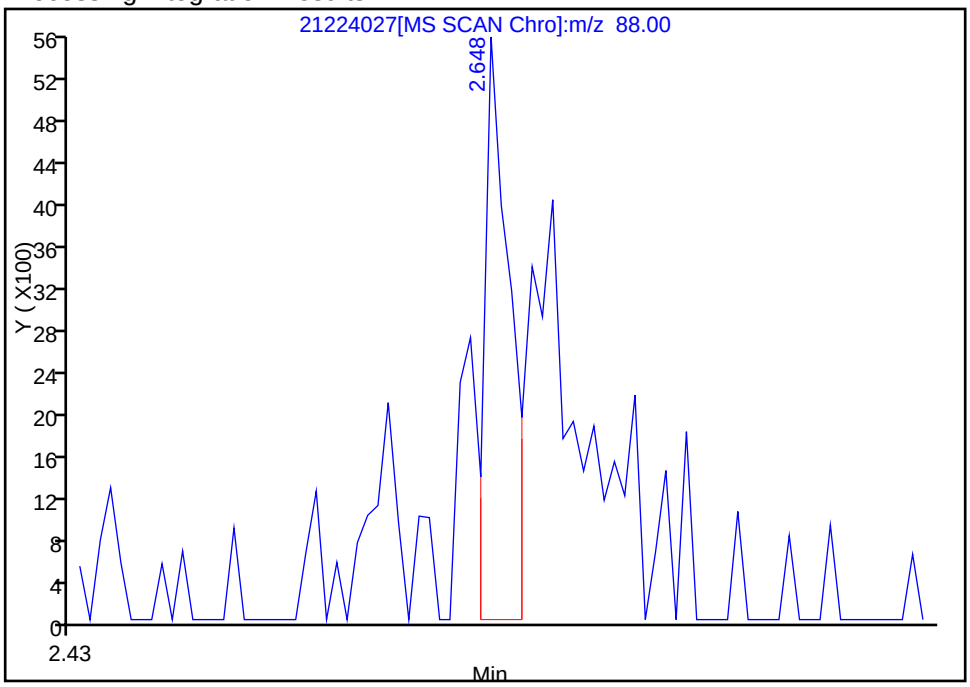
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224027.D		
Injection Date:	24-Dec-2012 20:53:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	27
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: 2.64

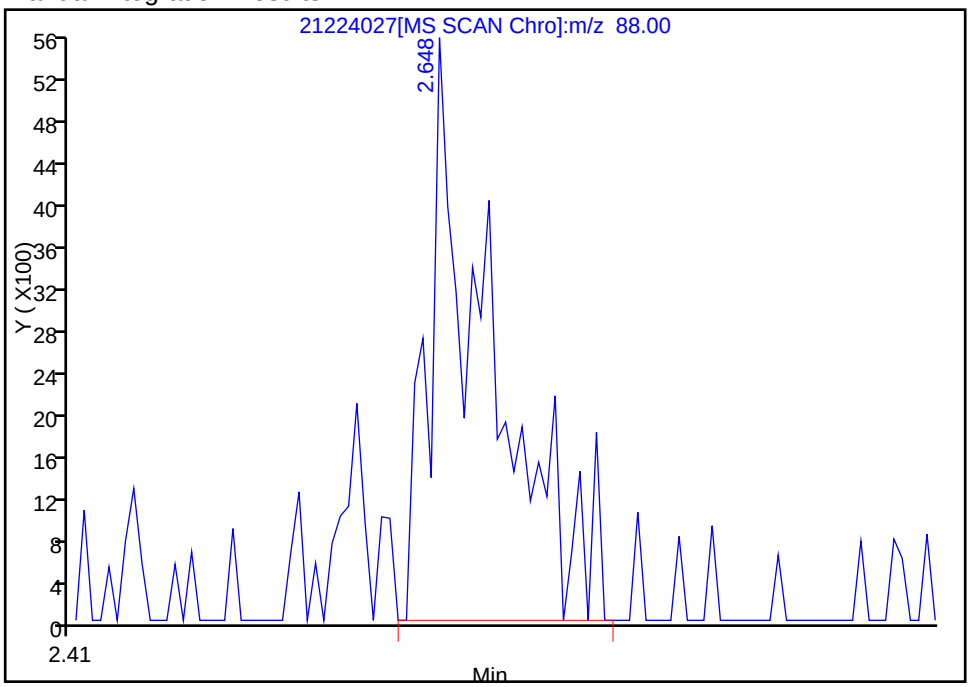
Processing Integration Results

RT: 2.65
Response: 5064
Amount: 0.189676



Manual Integration Results

RT: 2.65
Response: 15214
Amount: 0.569851



Reviewer: ulmanm, 25-Dec-2012 12:51:42
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

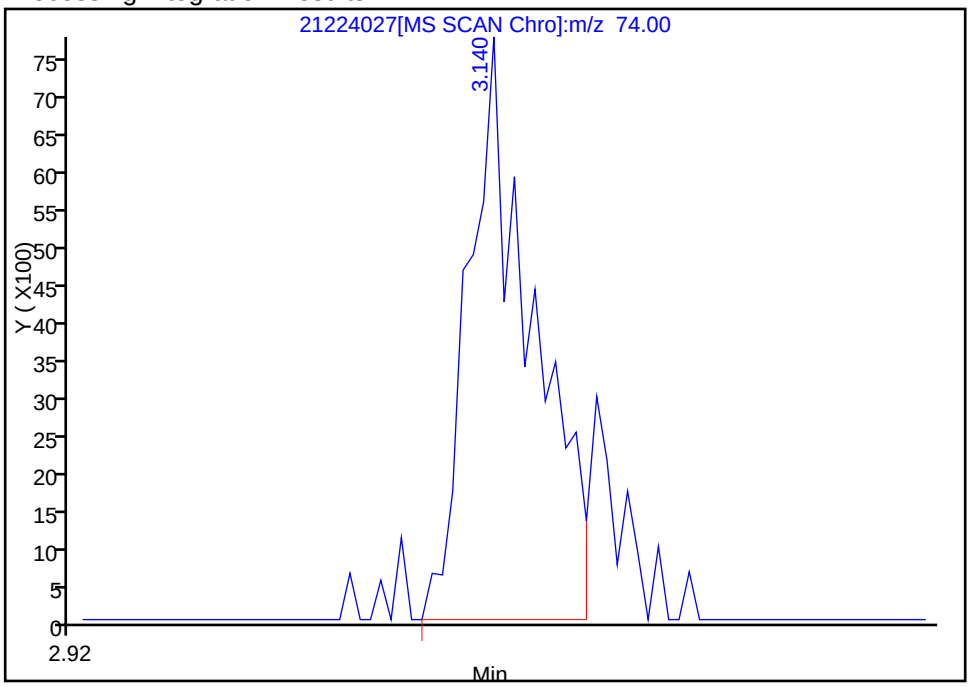
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224027.D		
Injection Date:	24-Dec-2012 20:53:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	27
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: 3.12

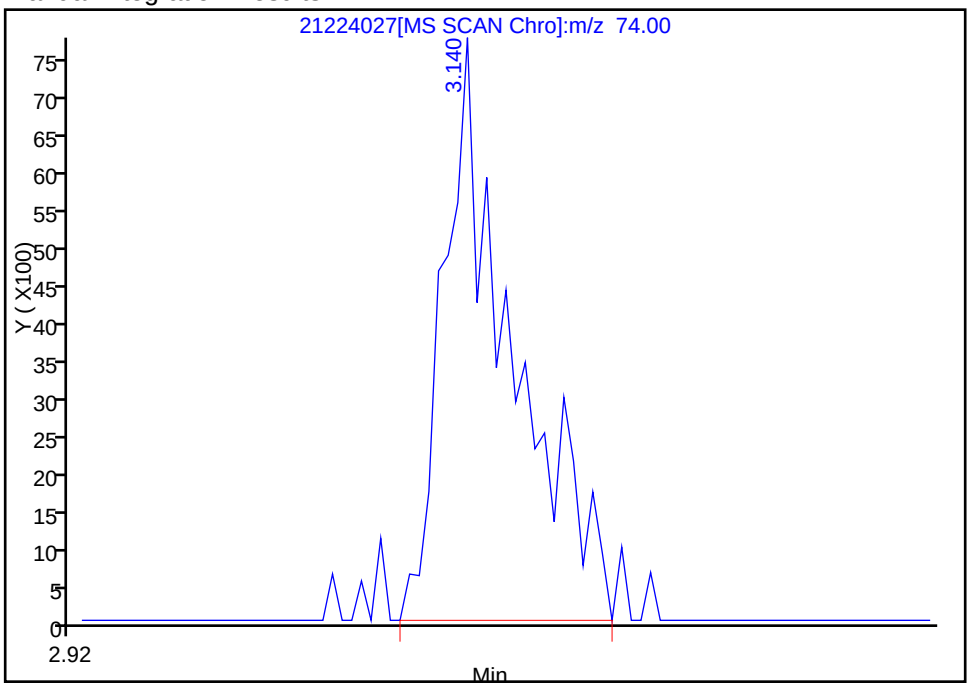
Processing Integration Results

RT: 3.14
Response: 18009
Amount: 0.444951



Manual Integration Results

RT: 3.14
Response: 20713
Amount: 0.511759



Reviewer: ulmanm, 25-Dec-2012 12:51:42
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

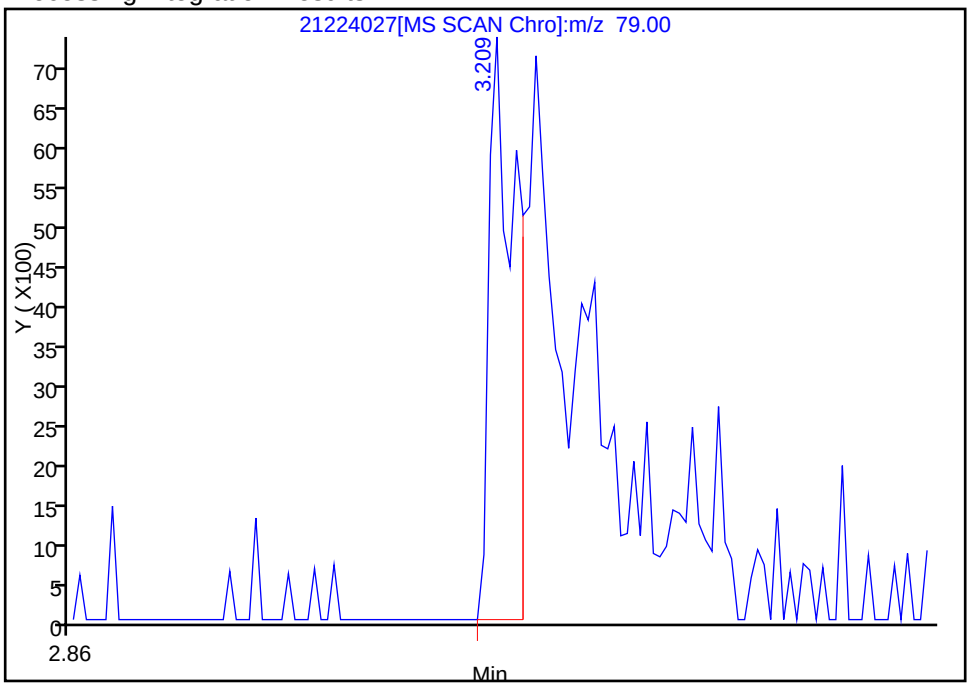
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224027.D		
Injection Date:	24-Dec-2012 20:53:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	27
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: 3.17

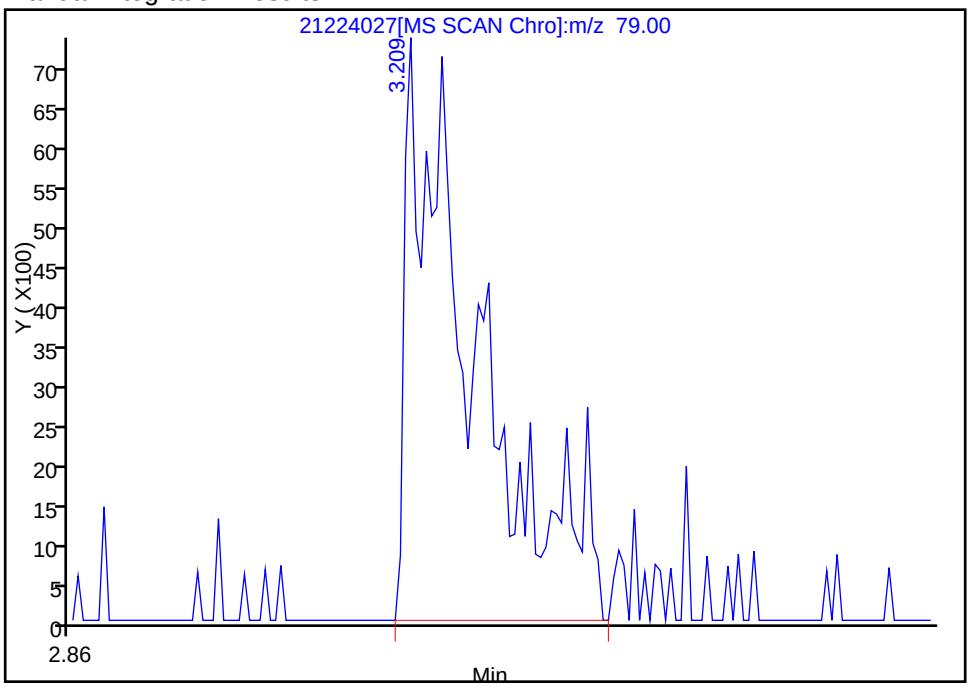
Processing Integration Results

RT: 3.21
Response: 10971
Amount: 0.152179



Manual Integration Results

RT: 3.21
Response: 35543
Amount: 0.493018



Reviewer: ulmanm, 25-Dec-2012 12:51:42
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/24/2012 21:18

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: 21224028.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzoic acid	Qua				1.44	2.00		
2,4-Dinitrophenol	Qua				1.62	2.00		
4-Nitrophenol	Qua				0.937	1.00		
4,6-Dinitro-2-methylphenol	Qua				0.854	1.00		
Pentachlorophenol	Qua				1.22	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-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.: 240-18703-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/24/2012 21:18

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: 21224028.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.: 240-18703-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/24/2012 21:18

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: 21224028.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			0.000080	1.00		
Hexachlorocyclopentadiene	Ave	0.3891			0.000080	1.00		
Hexachloroethane	Ave	0.7413			0.000080	1.00		
Indeno[1,2,3-cd]pyrene	Ave	1.344			0.000100	1.00		
Isophorone	Ave	0.9811			0.000080	1.00		
Naphthalene	Ave	1.053			0.000100	1.00		
Nitrobenzene	Ave	0.6419			0.000100	1.00		
N-Nitrosodimethylamine	Ave	1.057			0.000080	1.00		
N-Nitrosodi-n-propylamine	Ave	1.380			0.000080	1.00		
N-Nitrosodiphenylamine	Ave	0.5510			0.000080	1.00		
Phenanthrene	Ave	1.112			0.000100	1.00		
Phenol	Ave	2.227			0.000080	1.00		
Pyrene	Ave	1.301			0.000100	1.00		
Pyridine	Ave	1.883			0.000080	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\20121224-16149.b\21224028.D
Lims ID: mdll3 Client ID:
Inject. Date: 24-Dec-2012 21:18:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0016149-028
Misc. Info.: MDLL3 =MDLL3
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 28
Lims Batch ID: 69988 Lims Sample ID: 28
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 26-Dec-2012 07:05:39 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: XAWRK003

First Level Reviewer: ulmanm Date: 25-Dec-2012 12:56:07

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.988	5.988	0.0	94	161251	4.00	
* 2 Naphthalene-d8	136	7.094	7.094	0.0	98	638918	4.00	
* 3 Acenaphthene-d10	164	8.590	8.589	0.001	86	377390	4.00	
* 4 Phenanthrene-d10	188	9.850	9.856	-0.006	96	681190	4.00	
* 5 Chrysene-d12	240	12.441	12.446	-0.005	82	687947	4.00	
* 6 Perylene-d12	264	14.551	14.557	-0.006	87	528516	4.00	
$ 7 2-Fluorophenol	112		4.748					
$ 8 Phenol-d5	99		5.625					
$ 9 Nitrobenzene-d5	82		6.469					
$ 10 2-Fluorobiphenyl (Surr)	172		8.002					
$ 11 2,4,6-Tribromophenol	330		9.257					
$ 12 Terphenyl-d14	244		11.223					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	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					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88		2.644					
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		3.124					
27 Pyridine	79		3.173					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.771					
232 1-Methyl-2-pyrrilidinone	99		3.880					1
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.118					
31 2-Picoline	93		4.161					
32 N-Nitrosomethylethylamine	88		4.294					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66		4.444					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					
34 Methyl methanesulfonate	80		4.609					
30 3-Picoline	93		4.668					9
233 n,n'-Dimethylacetamide	44		4.684					
15 3-Methylcatechol	124		4.913					
36 N-Nitrosodiethylamine	102		5.010					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.288					
38 2-Methylcyclohexanone	68		5.501					
39 3-Methylcyclohexanone	69		5.539					
40 4-Methylcyclohexanone	55		5.587					
41 Benzaldehyde	77		5.598					
43 Phenol	94		5.635					
44 Aniline	93		5.689					
96 3,4-Dichloronitrobenzene	109		5.725					
69 Bis(2-chloroethyl)ether	93		5.737					
45 Pentachloroethane	167		5.752					
101 Phenyl ether	170		5.773					
46 2-Chlorophenol	128		5.796					
47 1,3-Dichlorobenzene	146		5.940					
48 1,4-Dichlorobenzene	146		6.004					
49 Benzyl alcohol	108		6.095					
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					
53 2,2'-oxybis[1-chloropropane]	45		6.212					
21 3 & 4 Methylphenol	108		6.308					
56 N-Nitrosopyrrolidine	100		6.324					
57 N-Nitrosodi-n-propylamine	70		6.324					
58 Acetophenone	105		6.330					
59 N-Nitrosomorpholine	56		6.356					9
60 2-Toluidine	106		6.378					9
61 Hexachloroethane	117		6.437					
62 Nitrobenzene	77		6.485					
63 N-Nitrosopiperidine	114		6.629					
64 Isophorone	82		6.688					
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					
67 1,3,5-Trichlorobenzene	180		6.773					
71 Benzoic acid	122	6.784	6.827	-0.043	51	21222	1.44	M
68 o,o',o''-Triethylphosphorothioat	198		6.848					
70 Bis(2-chloroethoxy)methane	93		6.859					
73 2,4-Dichlorophenol	162		6.960					
72 alpha,alpha-Dimethyl phenethylam	58		6.971					
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128		7.115					
76 4-Chloroaniline	127		7.147					
77 2,6-Dichlorophenol	162		7.168					9
78 Hexachloropropene	213		7.200					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225		7.211					
80 1,2,3-Trichlorobenzene	180		7.238					
83 N-Nitrosodi-n-butylamine	84		7.430					9
84 Caprolactam	113		7.430					
85 p-Phenylene diamine	108		7.457					9
86 4-Chloro-3-methylphenol	107		7.532					
153 Diphenylsulfone	125		7.616					
94 Safrole, Total	162		7.628					
87 2-Methylnaphthalene	142		7.703					
88 1-Methylnaphthalene	142		7.788					
89 Hexachlorocyclopentadiene	237		7.831					
90 1,2,3,5-Tetrachlorobenzene	216		7.831					
91 1,2,4,5-Tetrachlorobenzene	216		7.857					
225 Isosafrole Peak 1	162		7.873					9
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
227 Isosafrole Peak 2	162		8.066					
97 2,4-Toluene diamine	121		8.071					
99 1,2,3,4 -Tetrachlorobenzene	216		8.087					
98 1,1'-Biphenyl	154		8.093					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65		8.189					
103 1,4-Naphthoquinone	158		8.274					
104 1,4-Dinitrobenzene	168		8.317					
105 Dimethyl phthalate	163		8.328					
106 1,3-Dinitrobenzene	168		8.375					
107 2,6-Dinitrotoluene	165		8.386					
108 1,2-Dinitrobenzene	168		8.440					
109 Acenaphthylene	152		8.472					
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153		8.622					
111 2,4-Dinitrophenol	184	8.616	8.622	-0.006	23	1431	1.62	
113 4-Nitrophenol	109	8.643	8.643	0.0	70	13232	0.9366	
114 2,4-Dinitrotoluene	165		8.728					
115 Pentachlorobenzene	250		8.744					9
116 Dibenzofuran	168		8.766					
118 2,3,5,6-Tetrachlorophenol	232		8.819					
117 1-Naphthylamine	143		8.840					
119 2,3,4,6-Tetrachlorophenol	232		8.872					
120 2-Naphthylamine	143		8.910					
121 Diethyl phthalate	149		8.921					
122 Thionazin	97		9.011					
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166		9.054					
124 N-Nitro-o-toluidine	152		9.065					
128 4,6-Dinitro-2-methylphenol	198	9.070	9.076	-0.006	1	3204	0.8540	
127 Tributyl phosphate	99		9.102					9
131 N-Nitrosodiphenylamine	169		9.134					
130 Diphenylamine	169		9.150					
132 1,2-Diphenylhydrazine	77		9.172					
133 Azobenzene	77		9.172					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
176 Hexabromobenzene	232		9.208					
134 Sulfotepp	202		9.262					
135 1,3,5-Trinitrobenzene	213		9.348					
228 Diallate Peak 1	86		9.385					9
137 Phenacetin	108		9.390					
138 Phorate	121		9.396					
139 4-Bromophenyl phenyl ether	248		9.455					
230 Diallate Peak 2	86		9.465					
141 Hexachlorobenzene	284		9.519					
140 Dimethoate	87		9.545					9
142 Atrazine	200		9.567					
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.674	9.679	-0.005	57	14233	1.22	
129 4-Aminobiphenyl	169		9.690					9
145 Pentachloronitrobenzene	237		9.706					
144 Pronamide	173		9.716					
147 Dinoseb	211		9.829					
146 Disulfoton	88		9.839					9
148 Phenanthrene	178		9.877					
149 Anthracene	178		9.920					
150 DFTPP								
151 Carbazole	167		10.043					
152 Methyl parathion	109		10.160					
154 Di-n-butyl phthalate	149		10.299					
155 Ethyl Parathion	97		10.480					
156 4-Nitroquinoline-1-oxide	190		10.539					
157 Methapyrilene	58		10.582					
158 Isodrin	66		10.779					
159 Fluoranthene	202		10.892					
160 Benzidine	184		10.988					
161 Pyrene	202		11.106					
166 4,4'-DDE	246		11.164					9
226 Aramite Peak 1	185		11.196					9
229 Aramite Peak 2	185		11.271					9
163 p-Dimethylamino azobenzene	225		11.378					
164 Chlorobenzilate	139		11.415					
165 4,4'-DDD	235		11.538					
167 Famphur	218		11.682					
168 Butyl benzyl phthalate	149		11.709					
187 Dibenz[a,h]acridine	279		11.729					
169 3,3'-Dimethylbenzidine	212		11.736					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.837					
171 2-Acetylaminofluorene	181		12.030					
172 3,3'-Dimethoxybenzidine	244		12.329					
175 3,3'-Dichlorobenzidine	252		12.372					
174 4,4'-Methylene bis(2-chloroanili	231		12.377					
173 Bis(2-ethylhexyl) phthalate	149		12.393					
177 Benzo[a]anthracene	228		12.430					
178 Chrysene	228		12.479					
180 Di-n-octyl phthalate	149		13.323					
182 Benzo[b]fluoranthene	252		13.964					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 7,12-Dimethylbenz(a)anthracene	256		13.985					
183 Benzo[k]fluoranthene	252		14.006					
184 Benzo[a]pyrene	252		14.471					
185 3-Methylcholanthrene	268		15.053					
188 Indeno[1,2,3-cd]pyrene	276		16.250					
189 Dibenz(a,h)anthracene	278		16.282					
190 Benzo[g,h,i]perylene	276		16.726					
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					1
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 231 2,3,7,8-TCDD	322		9.150					
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

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

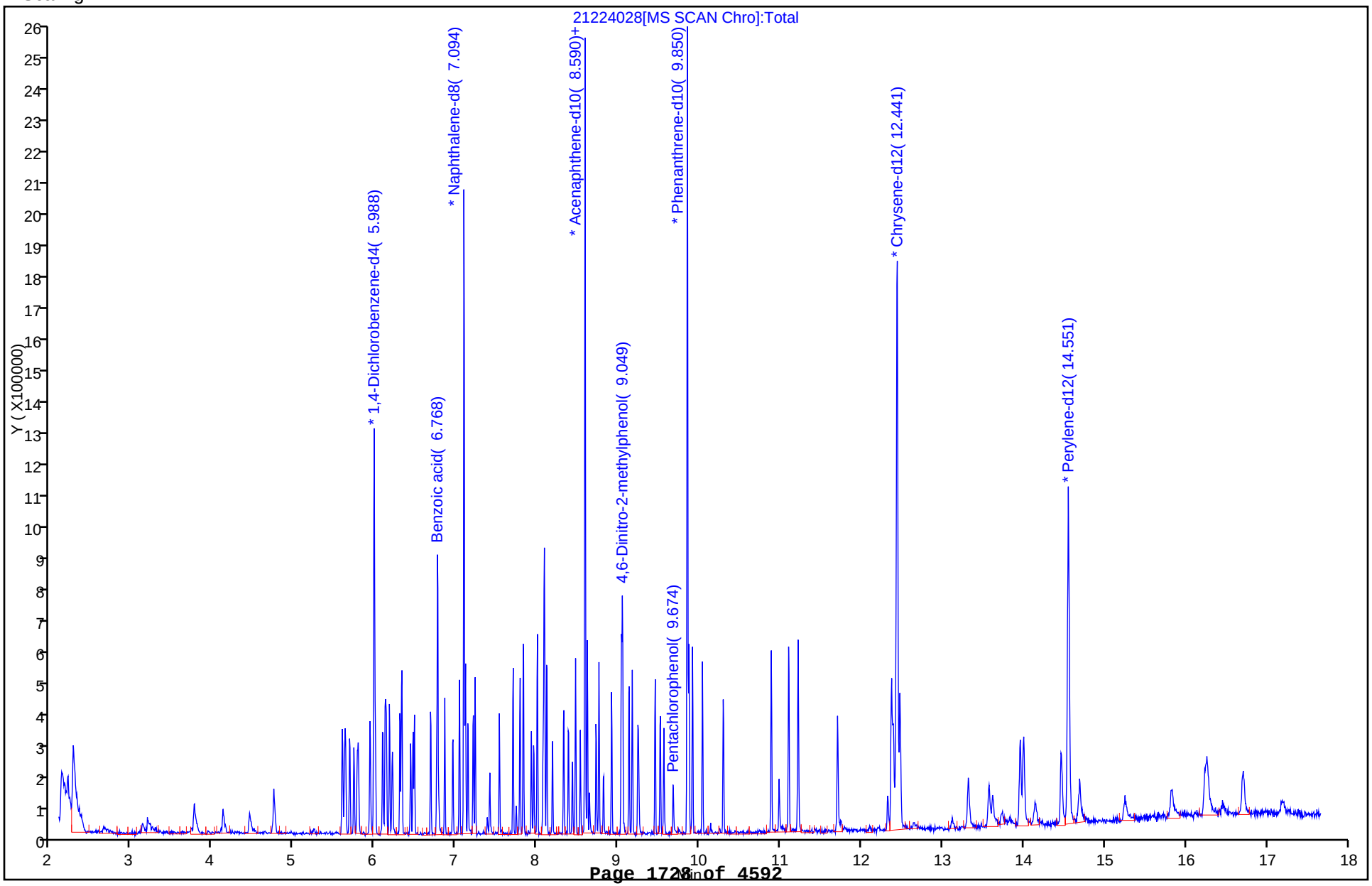
Report Date: 26-Dec-2012 07:05:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224028.D

Injection Date:	24-Dec-2012 21:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	28
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Report Date: 26-Dec-2012 07:05:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

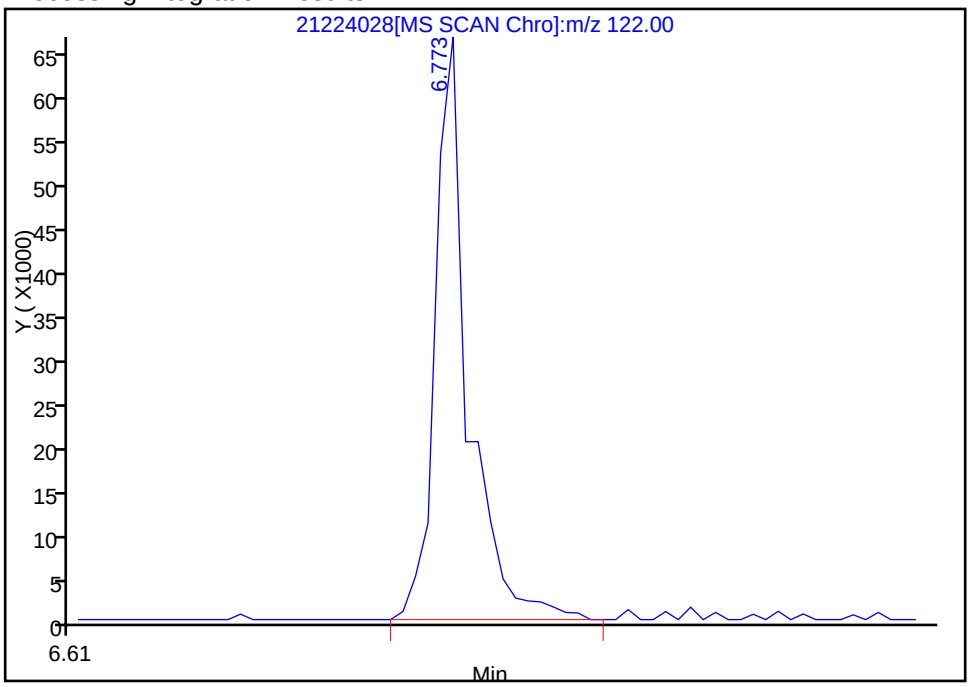
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224028.D		
Injection Date:	24-Dec-2012 21:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	28
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

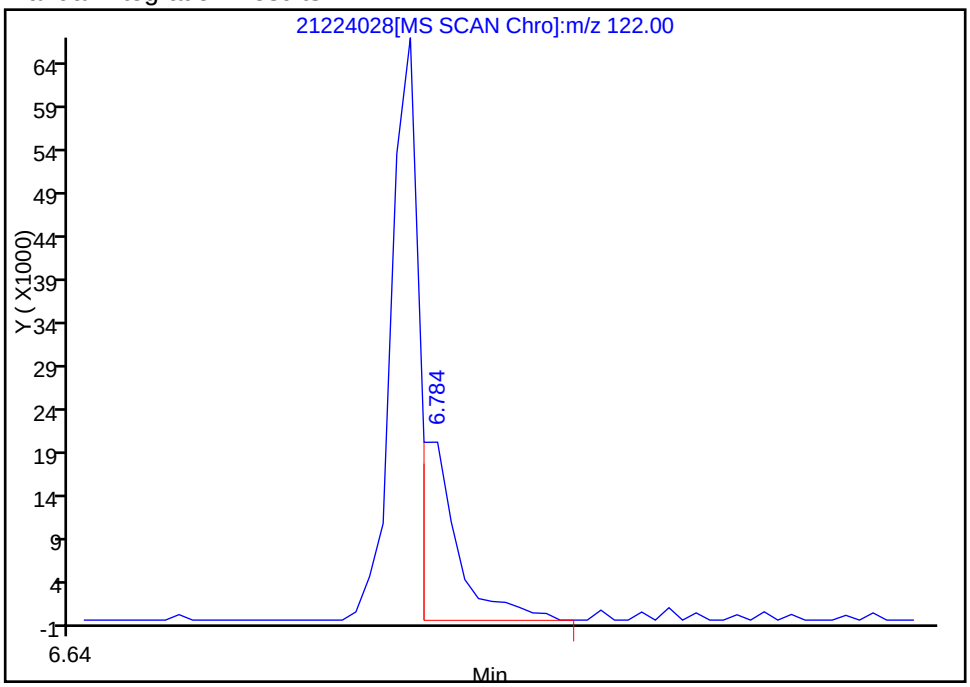
Processing Integration Results

RT: 6.77
Response: 64787
Amount: 2.637316



Manual Integration Results

RT: 6.78
Response: 21222
Amount: 1.438674



Reviewer: ulmanm, 25-Dec-2012 12:56:07
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	07-Nov-2012 11:21:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0014744-001		
Misc. Info.:	dftpp =DFTPP		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	64102	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:02	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:45:23

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	86	694720	0	
148 DFTPP								
158 Benzidine	184	10.894	10.894	0.0	99	3841446	0	
164 4,4'-DDE	246	11.060	11.060	0.0	28	2345	0	
163 4,4'-DDD	235	11.434	11.434	0.0	56	18208	0	
168 4,4'-DDT	235	11.718	11.718	0.0	98	1755901	0	

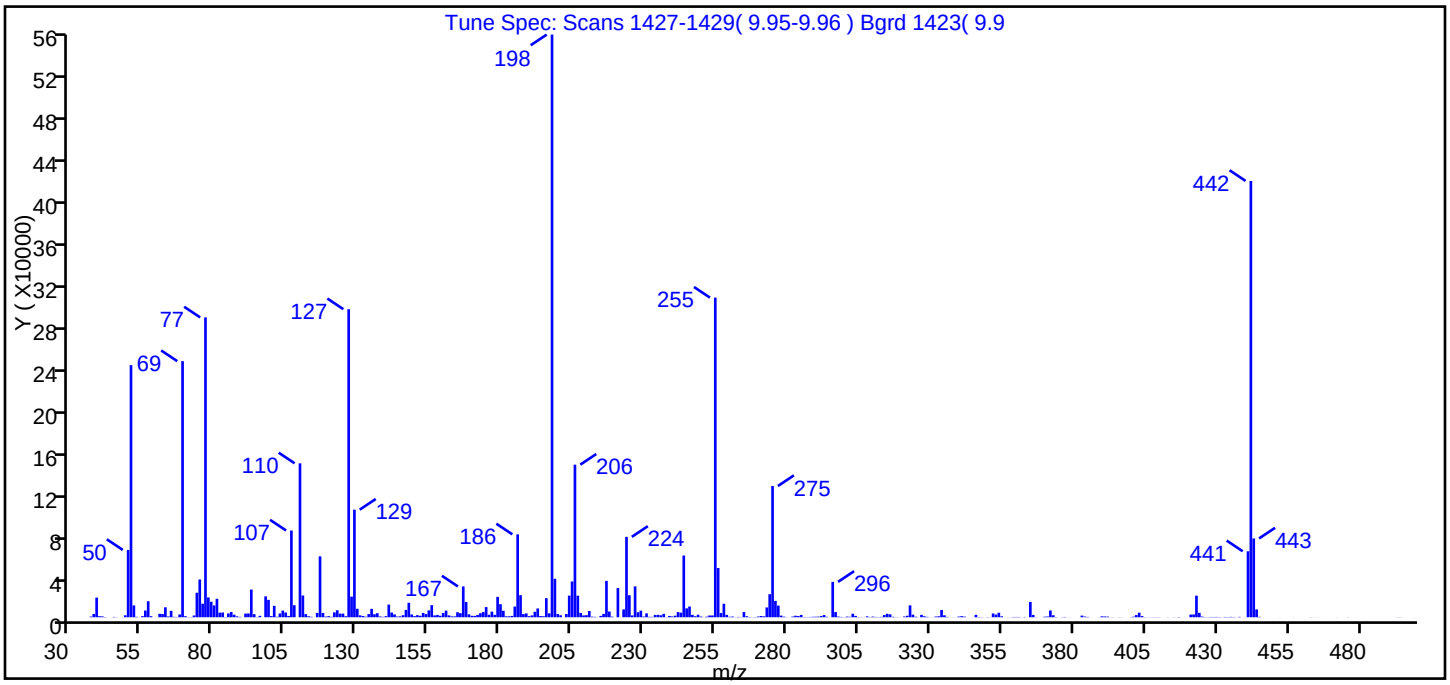
Report Date: 08-Nov-2012 13:38:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D		
Injection Date:	07-Nov-2012 11:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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	43.27
68	Less than 2.00% of mass 69	0.48 (1.09)
69	Present	43.95
70	Less than 2.00% of mass 69	0.18 (0.41)
127	25.00 - 75.00% of mass 198	52.87
197	Less than 1.00% of mass 198	0.67
199	5.00 - 9.00% of mass 198	6.61
275	10.00 - 30.00% of mass 198	22.52
365	Greater than 0.75% of mass 198	2.63
441	Present, but less than mass 443%	11.33 (83.75)
442	40.00 - 110.00% of mass 198	74.89
443	15.00 - 24.00% of mass 442	13.52 (18.06)

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D\8270_hp7.rslt\spectra.d
Injection Date: 07-Nov-2012 11:21:30
Spectrum: Tune Spec: Scans 1427-1429(9.95-9.96) Bgrd 1423(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 386

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	646	141.00	12119	241.00	1517	342.00	603
38.00	3153	142.00	4521	242.00	4915	345.00	53
39.00	18848	143.00	2742	243.00	4403	346.00	2341
40.00	1060	144.00	677	244.00	59144	347.00	250
41.00	839	145.00	848	245.00	8520	348.00	173
42.00	234	146.00	1980	246.00	10290	349.00	54
45.00	327	147.00	7085	247.00	2308	350.00	179
46.00	141	148.00	13885	248.00	986	351.00	110
48.00	79	149.00	2706	249.00	2431	352.00	3599
49.00	1890	150.00	1077	250.00	652	353.00	2571
50.00	64504	151.00	2037	251.00	113	354.00	4303
51.00	241600	152.00	1396	252.00	603	355.00	929
52.00	11345	153.00	4144	253.00	1699	356.00	57
53.00	416	154.00	3040	254.00	1711	357.00	68
54.00	37	155.00	6612	255.00	306304	358.00	93
55.00	1054	156.00	11593	256.00	47176	359.00	277
56.00	6421	157.00	1760	257.00	4007	360.00	297
57.00	15375	158.00	2242	258.00	12972	361.00	286
58.00	980	159.00	1417	259.00	2290	362.00	50
60.00	52	160.00	4090	260.00	461	363.00	261
61.00	3310	161.00	6351	261.00	690	365.00	14691
62.00	3104	162.00	1807	262.00	132	366.00	2225
63.00	9536	163.00	835	263.00	322	367.00	132
64.00	774	164.00	807	264.00	167	370.00	532
65.00	6172	165.00	4775	265.00	4992	371.00	711
66.00	431	166.00	3926	266.00	962	372.00	6493
67.00	253	167.00	29536	267.00	257	373.00	1889
68.00	2664	168.00	14685	268.00	125	374.00	221
69.00	245440	169.00	2768	269.00	217	376.00	149
70.00	1000	170.00	1399	270.00	695	377.00	296
71.00	154	171.00	1305	271.00	1184	378.00	50
72.00	179	172.00	2266	272.00	900	379.00	72
73.00	1688	173.00	3899	273.00	9418	383.00	1586

Report Date: 08-Nov-2012 13:38:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48
Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D\8270_hp7.rslt\spectra.d
Injection Date: 07-Nov-2012 11:21:30
Spectrum: Tune Spec: Scans 1427-1429(9.95-9.96) Bgrd 1423(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 386

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	23496	174.00	4990	274.00	22104	384.00	672
75.00	36176	175.00	9724	275.00	125760	385.00	337
76.00	12994	176.00	2392	276.00	15697	386.00	53
77.00	287360	177.00	5387	277.00	11169	389.00	107
78.00	19000	178.00	2319	278.00	1572	390.00	899
79.00	14891	179.00	19536	279.00	553	391.00	743
80.00	11346	180.00	12506	280.00	114	392.00	608
81.00	17672	181.00	6214	282.00	670	393.00	82
82.00	4385	182.00	887	283.00	1481	394.00	102
83.00	4592	183.00	922	284.00	1157	396.00	150
84.00	250	184.00	1273	285.00	2210	397.00	83
85.00	3624	185.00	10227	286.00	260	400.00	147
86.00	5017	186.00	79456	287.00	187	401.00	562
87.00	2452	187.00	21160	288.00	285	402.00	2068
88.00	853	188.00	3053	289.00	436	403.00	4380
89.00	371	189.00	3665	290.00	518	404.00	1130
91.00	3509	190.00	1062	291.00	594	405.00	183
92.00	3635	191.00	1778	292.00	1127	406.00	77
93.00	26568	192.00	5246	293.00	2093	407.00	109
94.00	2971	193.00	8409	294.00	451	408.00	157
95.00	242	194.00	1180	296.00	33912	409.00	149
96.00	1359	195.00	966	297.00	4947	410.00	159
98.00	20032	196.00	18272	298.00	652	413.00	142
99.00	16656	197.00	3766	299.00	336	415.00	107
100.00	1091	198.00	558400	300.00	146	416.00	106
101.00	10950	199.00	36904	301.00	646	417.00	247
102.00	475	200.00	3145	302.00	437	419.00	59
103.00	3624	201.00	1860	303.00	3356	421.00	2549
104.00	6386	203.00	3123	304.00	1301	422.00	2685
105.00	4572	204.00	20736	305.00	226	423.00	20680
106.00	1285	205.00	34288	306.00	121	424.00	4235
107.00	83144	206.00	146240	307.00	53	425.00	638
108.00	11554	207.00	20680	308.00	885	426.00	213
110.00	147520	208.00	4188	309.00	250	427.00	114

Report Date: 08-Nov-2012 13:38:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48
Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D\8270_hp7.rslt\spectra.d
Injection Date: 07-Nov-2012 11:21:30
Spectrum: Tune Spec: Scans 1427-1429(9.95-9.96) Bgrd 1423(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 386

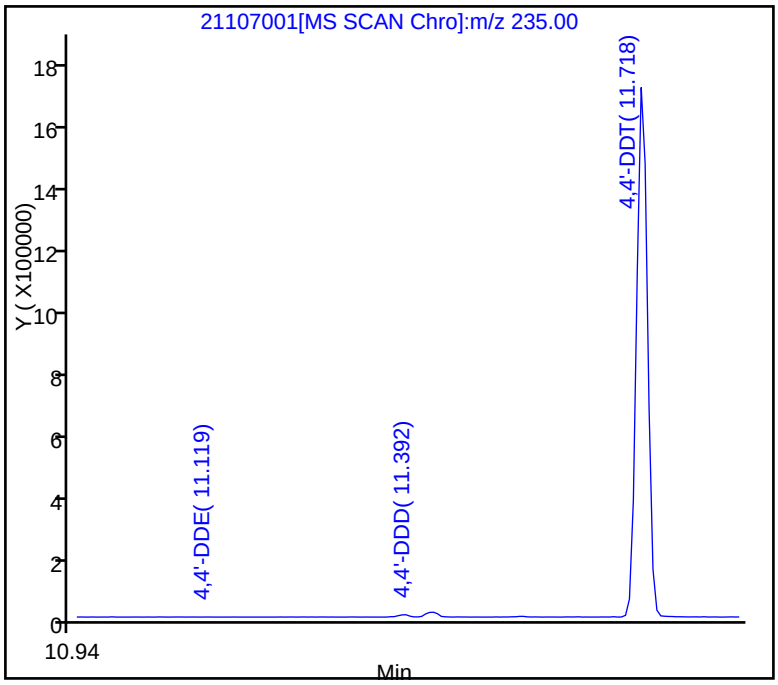
m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.00	20840	209.00	1745	310.00	613	428.00	297
112.00	2996	210.00	2005	311.00	334	429.00	284
113.00	961	211.00	6005	312.00	223	430.00	332
114.00	461	212.00	579	313.00	384	431.00	256
115.00	3	213.00	392	314.00	2112	432.00	87
116.00	4165	214.00	54	315.00	3333	433.00	305
117.00	58376	215.00	1296	316.00	2863	434.00	247
118.00	4142	216.00	3236	317.00	474	435.00	381
119.00	676	217.00	34864	318.00	132	436.00	258
120.00	1056	218.00	5478	319.00	114	437.00	58
121.00	433	219.00	575	321.00	682	438.00	398
122.00	4676	221.00	27992	322.00	1435	440.00	57
123.00	6717	223.00	7491	323.00	11410	441.00	63248
124.00	3499	224.00	77056	324.00	2478	442.00	418176
125.00	3503	225.00	21104	325.00	504	443.00	75520
126.00	1021	226.00	1757	326.00	56	444.00	7513
127.00	295232	227.00	29568	327.00	2294	445.00	389
128.00	19784	228.00	4760	328.00	930	452.00	50
129.00	103112	229.00	6326	329.00	365	457.00	62
130.00	8123	230.00	675	330.00	66	463.00	136
131.00	1811	231.00	3717	331.00	82	465.00	84
132.00	1231	232.00	472	332.00	681	472.00	66
133.00	523	233.00	379	333.00	967	476.00	114
134.00	3022	234.00	2254	334.00	6990	479.00	50
135.00	8068	235.00	2314	335.00	1857	493.00	132
136.00	2922	236.00	1919	336.00	335	494.00	110
137.00	3861	237.00	3287	338.00	76	495.00	64
138.00	769	238.00	162	339.00	55	499.00	52
139.00	403	239.00	1249	340.00	639		
140.00	1061	240.00	742	341.00	1066		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D		
Injection Date:	07-Nov-2012 11:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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 = 1755901
163 4,4'-DDD, Area = 18208
164 4,4'-DDE, Area = 2345

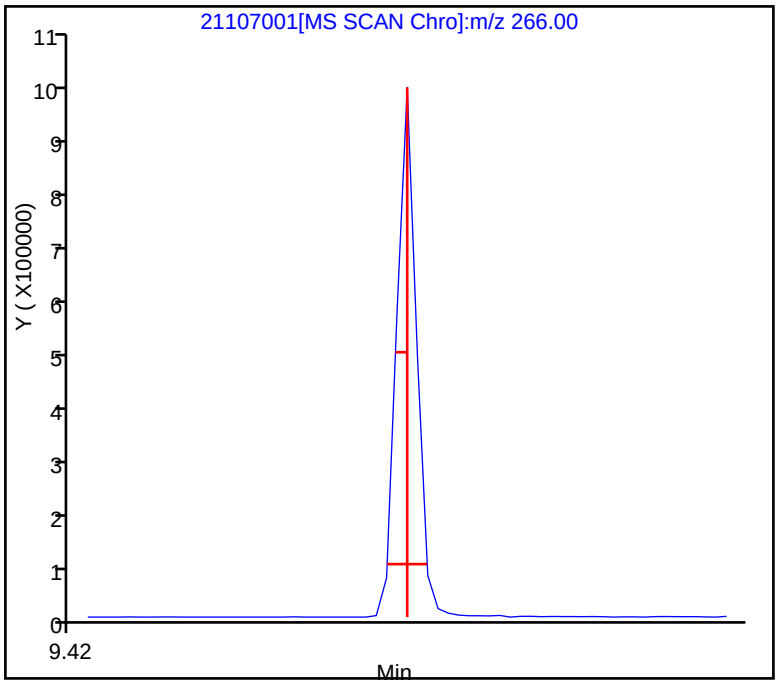
%Breakdown: 1.16%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D		
Injection Date:	07-Nov-2012 11:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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 = 0.010 (min.)

Tailing Factor = 1.0, Max. Tailing < 5.00
Passed

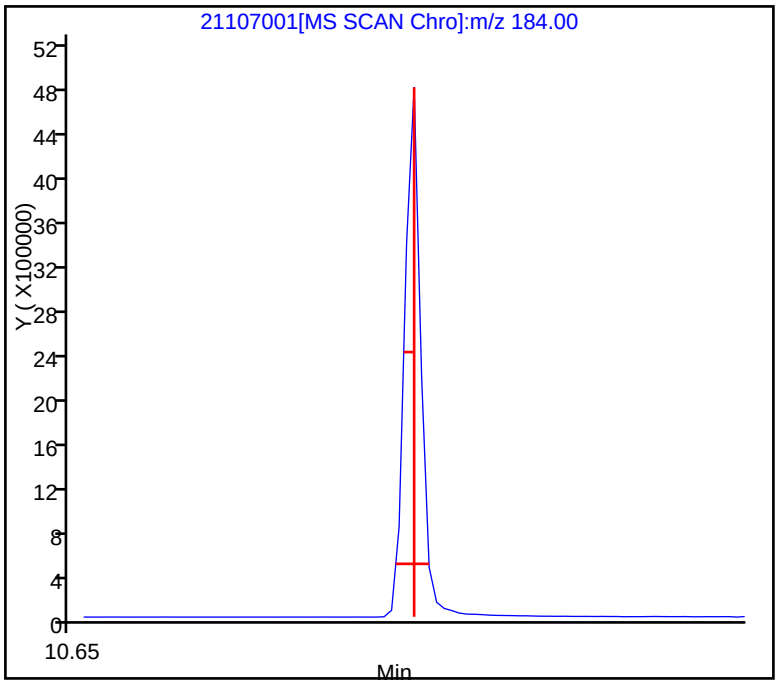
Report Date: 08-Nov-2012 13:38:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D		
Injection Date:	07-Nov-2012 11:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	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 = 0.013 (min.)

Tailing Factor = 0.8, Max. Tailing < 3.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	21-Nov-2012 11:18:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015157-001		
Misc. Info.:	dftpp =DFTPP		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	65876	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m		
Last Update:	23-Nov-2012 10:11:29	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK037		
First Level Reviewer: gruberj		Date:	21-Nov-2012 12:35:54

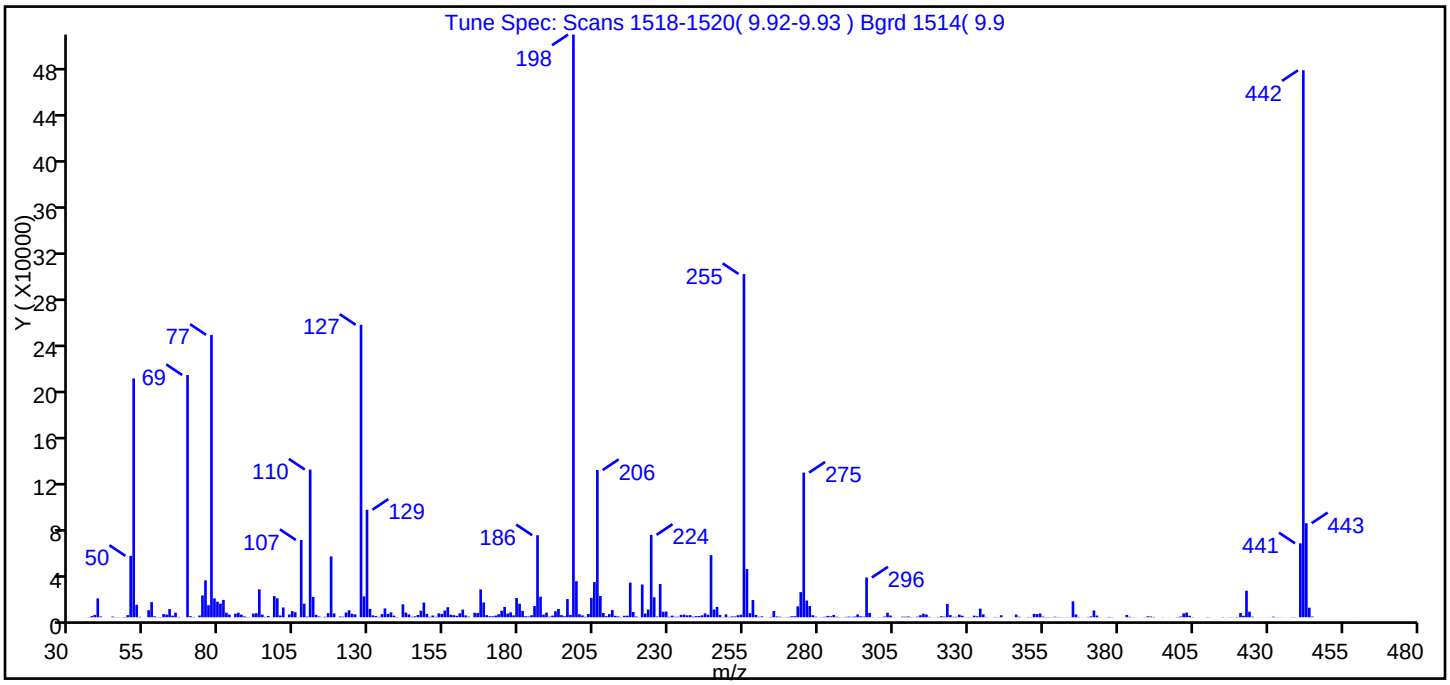
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.564	9.564	0.0	86	591173	0	
148 DFTPP								
158 Benzidine	184	10.859	10.859	0.0	100	3483239	0	
164 4,4'-DDE	246	11.019	11.019	0.0	30	2359	0	
163 4,4'-DDD	235	11.388	11.388	0.0	83	18153	0	
168 4,4'-DDT	235	11.672	11.672	0.0	98	1645645	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D		
Injection Date:	21-Nov-2012 11:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	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	40.99
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	41.57
70	Less than 2.00% of mass 69	0.18 (0.44)
127	25.00 - 75.00% of mass 198	50.19
197	Less than 1.00% of mass 198	0.41
199	5.00 - 9.00% of mass 198	6.18
275	10.00 - 30.00% of mass 198	24.83
365	Greater than 0.75% of mass 198	2.73
441	Present, but less than mass 443%	12.69 (78.62)
442	40.00 - 110.00% of mass 198	93.88
443	15.00 - 24.00% of mass 442	16.14 (17.19)

Report Date: 23-Nov-2012 10:11:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D\8270_hp7.rslt\spectra.d
Injection Date: 21-Nov-2012 11:18:30
Spectrum: Tune Spec: Scans 1518-1520(9.92-9.93) Bgrd 1514(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 370

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	68	137.00	4269	230.00	457	330.00	170
36.00	179	138.00	1429	231.00	1420	331.00	117
37.00	1052	139.00	275	232.00	434	332.00	1346
38.00	2117	140.00	4	233.00	452	333.00	899
39.00	16464	141.00	11296	234.00	2053	334.00	7487
40.00	688	142.00	4066	235.00	2254	335.00	2503
44.00	604	143.00	2463	236.00	1640	336.00	284
45.00	188	144.00	473	237.00	1855	339.00	276
46.00	154	145.00	811	238.00	587	340.00	85
47.00	128	146.00	1944	239.00	1028	341.00	1754
48.00	223	147.00	5651	240.00	1083	346.00	2333
49.00	1846	148.00	12816	241.00	1656	347.00	483
50.00	53520	149.00	2992	242.00	3398	348.00	59
51.00	208192	150.00	431	243.00	2175	350.00	257
52.00	10832	151.00	1531	244.00	54152	351.00	171
53.00	407	152.00	390	245.00	6753	352.00	2964
56.00	6148	153.00	3423	246.00	9093	353.00	2793
57.00	13232	154.00	2893	247.00	1974	354.00	3284
58.00	843	155.00	5839	248.00	174	355.00	593
59.00	215	156.00	8752	249.00	2497	356.00	197
60.00	248	157.00	2231	250.00	358	357.00	231
61.00	2727	158.00	1817	251.00	709	358.00	150
62.00	2350	159.00	1251	252.00	689	359.00	484
63.00	7116	160.00	3453	253.00	1784	360.00	248
64.00	1348	161.00	6706	254.00	2198	361.00	168
65.00	4007	162.00	1650	255.00	299200	362.00	75
66.00	351	163.00	552	256.00	42088	363.00	175
67.00	60	164.00	38	257.00	3547	364.00	106
69.00	211136	165.00	3895	258.00	14992	365.00	13864
70.00	920	166.00	3696	259.00	2026	366.00	2442
71.00	273	167.00	24256	260.00	438	367.00	282
72.00	22	168.00	12893	261.00	780	368.00	53
73.00	1505	169.00	1859	263.00	123	370.00	302

Report Date: 23-Nov-2012 10:11:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54
Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D\8270_hp7.rslt\spectra.d
Injection Date: 21-Nov-2012 11:18:30
Spectrum: Tune Spec: Scans 1518-1520(9.92-9.93) Bgrd 1514(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 370

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	19040	170.00	887	264.00	399	371.00	767
75.00	32160	171.00	863	265.00	5454	372.00	5966
76.00	10506	172.00	1438	266.00	734	373.00	1501
77.00	246144	173.00	2642	267.00	472	374.00	146
78.00	16464	174.00	5676	268.00	109	376.00	80
79.00	13583	175.00	9048	269.00	186	377.00	338
80.00	11907	176.00	3230	270.00	330	378.00	230
81.00	15139	177.00	4321	271.00	864	381.00	55
82.00	3930	178.00	1646	272.00	904	382.00	74
83.00	2327	179.00	16776	273.00	9499	383.00	2056
85.00	3100	180.00	11808	274.00	21904	384.00	454
86.00	3903	181.00	5519	275.00	126096	385.00	187
87.00	2327	182.00	918	276.00	14578	386.00	114
88.00	769	183.00	730	277.00	9817	389.00	151
89.00	244	184.00	1751	278.00	1745	390.00	815
90.00	112	185.00	9858	279.00	543	391.00	653
91.00	3216	186.00	71488	281.00	241	392.00	319
92.00	3519	187.00	17912	282.00	428	395.00	156
93.00	24296	188.00	2237	283.00	1201	397.00	88
94.00	2321	189.00	4013	284.00	855	400.00	269
95.00	355	190.00	586	285.00	2009	401.00	673
96.00	1138	191.00	1463	286.00	503	402.00	3400
97.00	72	192.00	5235	287.00	167	403.00	4102
98.00	18432	193.00	7192	289.00	321	404.00	1264
99.00	16552	194.00	1871	290.00	575	405.00	275
100.00	1502	195.00	897	291.00	409	407.00	74
101.00	8558	196.00	15848	292.00	618	410.00	232
102.00	74	197.00	2058	293.00	2441	411.00	60
103.00	2354	198.00	507904	294.00	808	415.00	262
104.00	5338	199.00	31392	295.00	573	417.00	139
105.00	4372	200.00	2611	296.00	34664	418.00	149
106.00	144	201.00	1589	297.00	3821	419.00	115
107.00	67328	202.00	450	298.00	170	420.00	198
108.00	11803	203.00	2859	300.00	188	421.00	3637

Report Date: 23-Nov-2012 10:11:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54
Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D\8270_hp7.rslt\spectra.d
Injection Date: 21-Nov-2012 11:18:30
Spectrum: Tune Spec: Scans 1518-1520(9.92-9.93) Bgrd 1514(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 370

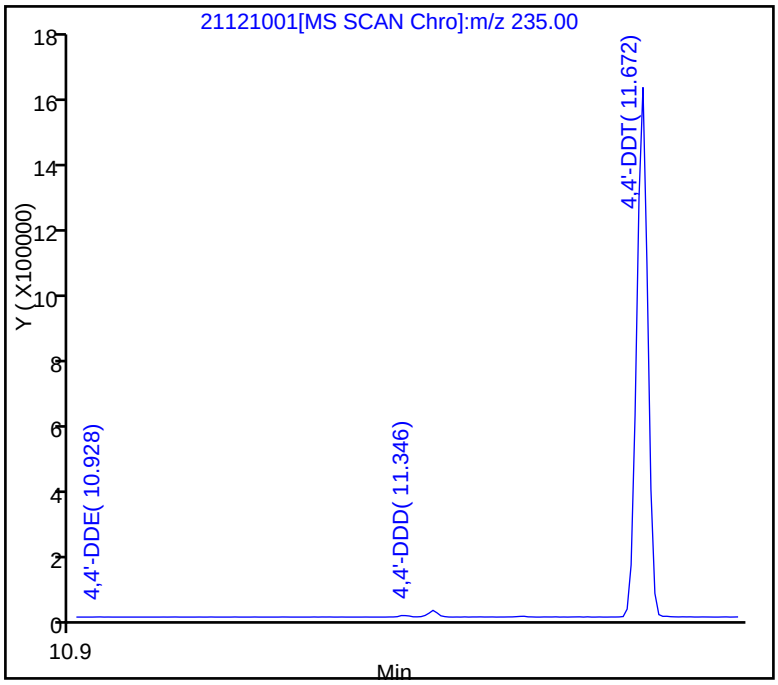
m/z	Y	m/z	Y	m/z	Y	m/z	Y
109.00	607	204.00	16920	301.00	153	422.00	1243
110.00	128744	205.00	30664	302.00	629	423.00	23096
111.00	17768	206.00	128336	303.00	3948	424.00	4875
112.00	2087	207.00	18560	304.00	1473	425.00	536
113.00	675	208.00	3691	305.00	128	427.00	63
114.00	93	209.00	965	308.00	517	428.00	56
115.00	416	210.00	2718	309.00	500	429.00	60
116.00	3587	211.00	6313	310.00	695	430.00	83
117.00	53032	212.00	1237	311.00	164	431.00	70
118.00	3322	213.00	785	312.00	62	432.00	520
120.00	652	214.00	149	313.00	547	433.00	86
121.00	499	215.00	1305	314.00	1751	434.00	166
122.00	4109	216.00	1354	315.00	3111	435.00	70
123.00	6122	217.00	30160	316.00	2390	436.00	76
124.00	3021	218.00	4620	317.00	383	438.00	198
125.00	2506	219.00	678	319.00	99	439.00	182
127.00	254912	220.00	94	320.00	301	441.00	64440
128.00	18208	221.00	28576	321.00	883	442.00	476800
129.00	93704	222.00	3201	322.00	598	443.00	81968
130.00	7324	223.00	6738	323.00	11589	444.00	8347
131.00	1642	224.00	71816	324.00	1846	445.00	596
132.00	1124	225.00	17400	325.00	384	459.00	57
133.00	300	226.00	622	326.00	424	461.00	56
134.00	2709	227.00	28960	327.00	2235	478.00	58
135.00	7665	228.00	4835	328.00	1328		
136.00	2885	229.00	4983	329.00	98		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D		
Injection Date:	21-Nov-2012 11:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	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 = 1645645
163 4,4'-DDD, Area = 18153
164 4,4'-DDE, Area = 2359

%Breakdown: 1.23%, Max Limit: 20.00%
Passed

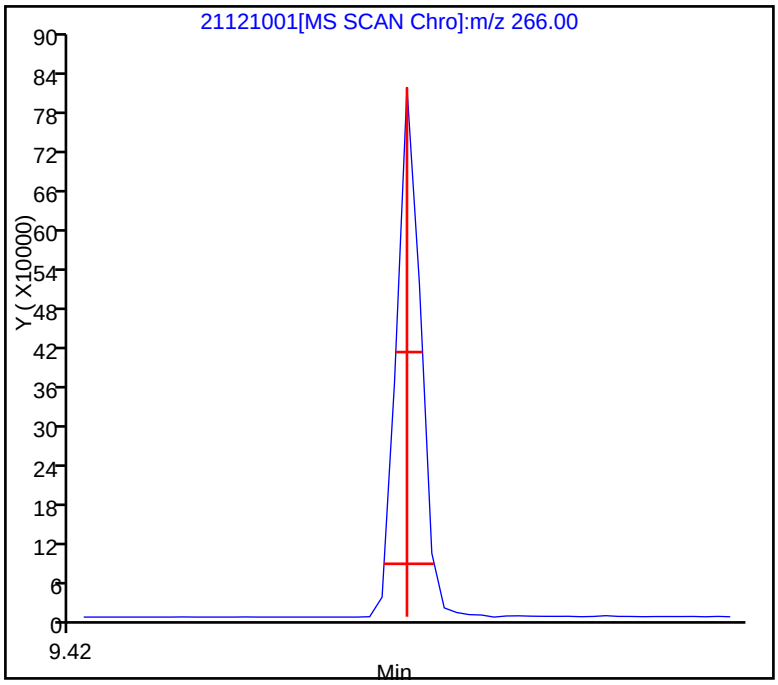
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D

Injection Date:	21-Nov-2012 11:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	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 = 0.010 (min.)

Tailing Factor = 1.2, Max. Tailing < 5.00
Passed

Report Date: 23-Nov-2012 10:11:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54

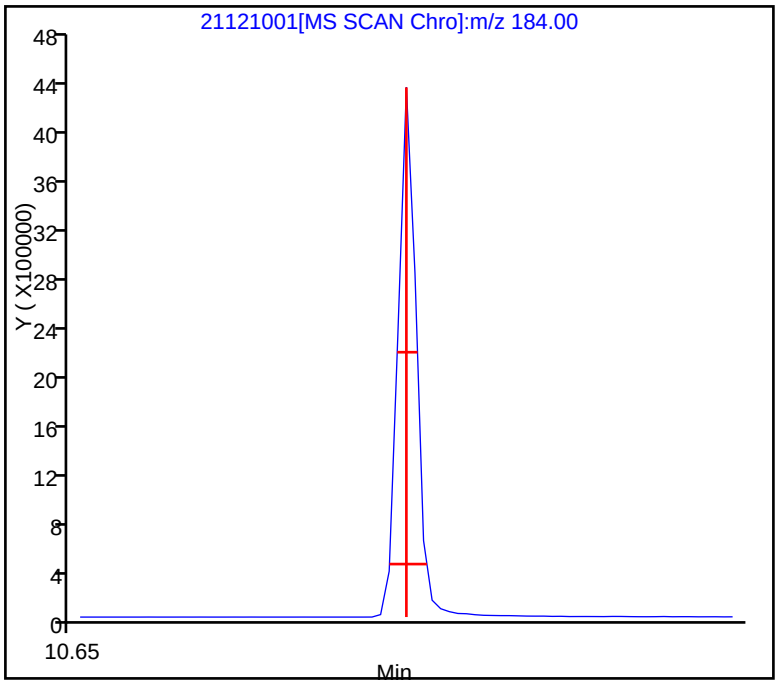
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D

Injection Date:	21-Nov-2012 11:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	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 = 0.013 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 1.2, Max. Tailing < 3.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	17-Dec-2012 10:07:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015881-001		
Misc. Info.:	dftpp		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	68962	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121217-15912.b\8270_hp7.m		
Last Update:	18-Dec-2012 09:22:48	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: gruberj		Date:	17-Dec-2012 10:33:52

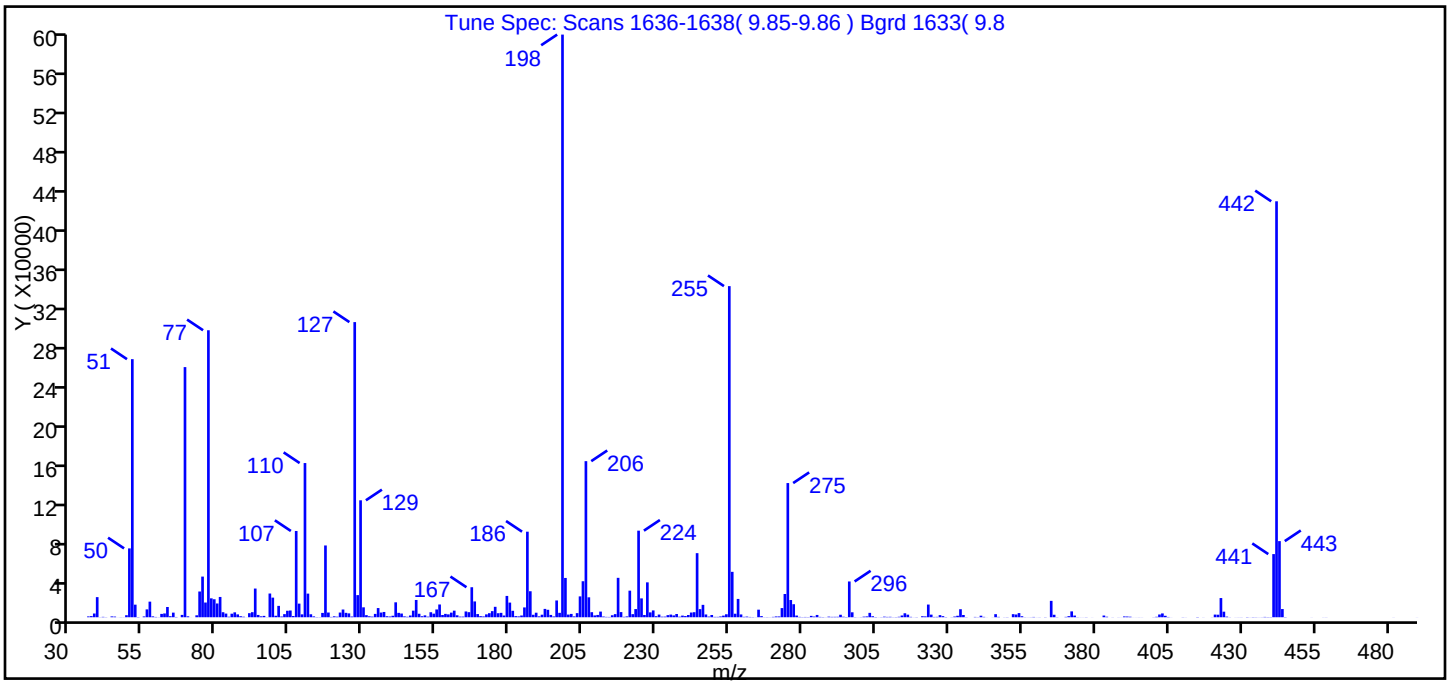
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.501	9.501	0.0	89	654094	0	
148 DFTPP								
158 Benzidine	184	10.790	10.790	0.0	99	3862464	0	
164 4,4'-DDE	246	10.950	10.950	0.0	55	2259	0	
163 4,4'-DDD	235	11.303	11.303	0.0	83	18127	0	
168 4,4'-DDT	235	11.581	11.581	0.0	98	1890156	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217001.D		
Injection Date:	17-Dec-2012 10:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	68962	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	44.30
68	Less than 2.00% of mass 69	0.40 (0.94)
69	Present	42.93
70	Less than 2.00% of mass 69	0.16 (0.37)
127	25.00 - 75.00% of mass 198	50.66
197	Less than 1.00% of mass 198	0.76
199	5.00 - 9.00% of mass 198	6.75
275	10.00 - 30.00% of mass 198	23.03
365	Greater than 0.75% of mass 198	2.81
441	Present, but less than mass 443%	10.84 (82.95)
442	40.00 - 110.00% of mass 198	71.39
443	15.00 - 24.00% of mass 442	13.07 (18.30)

Data File: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217001.D\8270_hp7.rslt\spectra.d
Injection Date: 17-Dec-2012 10:07:30
Spectrum: Tune Spec: Scans 1636-1638(9.85-9.86) Bgrd 1633(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 380

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	857	135.00	9330	230.00	1066	326.00	408
37.00	1176	136.00	4758	231.00	2718	327.00	2163
38.00	3793	137.00	5365	232.00	591	328.00	1129
39.00	20408	138.00	1031	233.00	646	329.00	232
40.00	124	139.00	746	234.00	2147	331.00	133
41.00	406	140.00	1516	235.00	2711	332.00	742
42.00	151	141.00	15142	236.00	1846	333.00	1522
44.00	854	142.00	4456	237.00	3284	334.00	8158
45.00	677	143.00	3767	238.00	592	335.00	2293
46.00	51	144.00	884	239.00	1679	336.00	158
47.00	130	145.00	485	240.00	1206	339.00	339
48.00	100	146.00	1773	241.00	2275	340.00	159
49.00	2062	147.00	6692	242.00	4786	341.00	1578
50.00	69824	148.00	17520	243.00	5121	342.00	389
51.00	261696	149.00	3539	244.00	64992	343.00	53
52.00	12770	150.00	1047	245.00	8227	345.00	77
53.00	261	151.00	1925	246.00	12578	346.00	3130
55.00	812	152.00	627	247.00	2823	347.00	397
56.00	7976	153.00	5092	248.00	695	349.00	102
57.00	15830	154.00	3647	249.00	2291	350.00	158
58.00	897	155.00	7901	250.00	387	352.00	3127
59.00	322	156.00	12955	251.00	402	353.00	2796
60.00	124	157.00	2291	252.00	811	354.00	4226
61.00	3403	158.00	3427	253.00	1667	355.00	1041
62.00	3845	159.00	2919	254.00	3030	356.00	138
63.00	10405	160.00	4683	255.00	335744	357.00	75
64.00	1074	161.00	6692	256.00	46056	358.00	120
65.00	4688	162.00	1995	257.00	3565	359.00	321
66.00	294	163.00	653	258.00	18576	360.00	66
68.00	2379	164.00	659	259.00	2840	361.00	115
69.00	253632	165.00	5872	260.00	427	363.00	166
70.00	947	166.00	5133	261.00	684	365.00	16624
71.00	41	167.00	30448	262.00	326	366.00	2530

Report Date: 18-Dec-2012 09:22:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217001.D\8270_hp7.rslt\spectra.d
Injection Date: 17-Dec-2012 10:07:30
Spectrum: Tune Spec: Scans 1636-1638(9.85-9.86) Bgrd 1633(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 380

m/z	Y	m/z	Y	m/z	Y	m/z	Y
73.00	1977	168.00	16037	263.00	210	367.00	170
74.00	26120	169.00	3239	264.00	95	370.00	398
75.00	41232	170.00	1106	265.00	7686	371.00	1103
76.00	14930	171.00	826	266.00	1155	372.00	5972
77.00	291008	172.00	2927	267.00	142	373.00	1698
78.00	19176	173.00	4107	268.00	177	374.00	158
79.00	18240	174.00	6209	269.00	111	375.00	74
80.00	13967	175.00	10585	270.00	401	376.00	66
81.00	20584	176.00	4086	271.00	812	377.00	150
82.00	5108	177.00	4467	272.00	818	379.00	52
83.00	3719	178.00	1761	273.00	9294	383.00	1745
84.00	547	179.00	21624	274.00	23584	384.00	536
85.00	3601	180.00	14860	275.00	136064	386.00	96
86.00	4977	181.00	6544	276.00	17464	388.00	87
87.00	2900	182.00	1132	277.00	13214	389.00	51
88.00	1052	183.00	875	278.00	1738	390.00	822
89.00	548	184.00	1781	279.00	392	391.00	733
90.00	64	185.00	9968	280.00	208	392.00	543
91.00	4129	186.00	86760	281.00	305	393.00	50
92.00	5129	187.00	26368	282.00	220	394.00	51
93.00	29104	188.00	2514	283.00	1408	395.00	85
94.00	2351	189.00	4610	284.00	705	396.00	68
95.00	944	190.00	924	285.00	2340	400.00	129
96.00	1394	191.00	2579	286.00	371	401.00	473
97.00	116	192.00	8478	287.00	239	402.00	2800
98.00	24064	193.00	7563	288.00	96	403.00	3882
99.00	19896	194.00	2354	289.00	618	404.00	1487
100.00	1507	195.00	796	290.00	399	405.00	304
101.00	11529	196.00	17024	291.00	433	406.00	54
102.00	740	197.00	4475	292.00	463	410.00	140
103.00	3168	198.00	590784	293.00	2539	411.00	69
104.00	6595	199.00	39856	294.00	523	415.00	252
105.00	6833	200.00	2721	295.00	257	417.00	70
106.00	1232	201.00	3393	296.00	36288	420.00	92

Report Date: 18-Dec-2012 09:22:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217001.D\8270_hp7.rslt\spectra.d
Injection Date: 17-Dec-2012 10:07:30
Spectrum: Tune Spec: Scans 1636-1638(9.85-9.86) Bgrd 1633(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 380

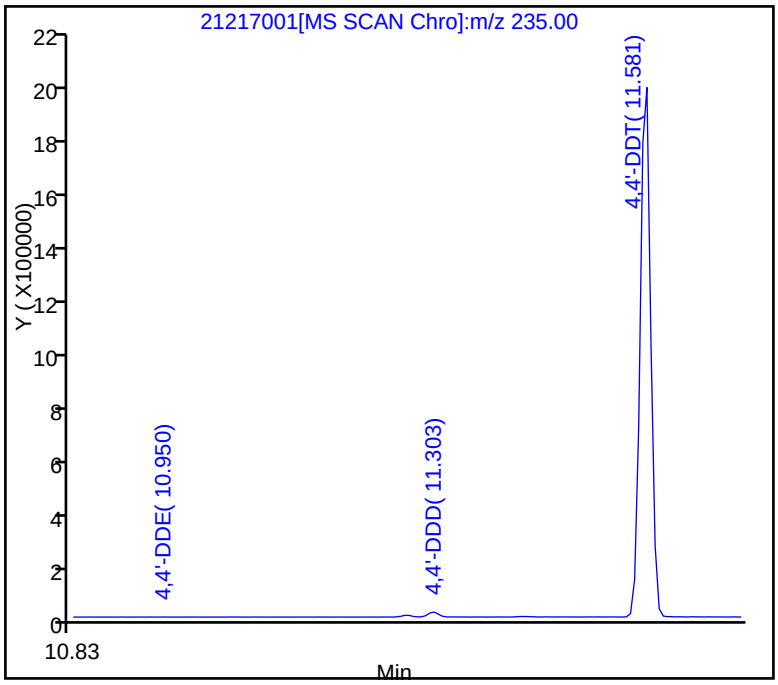
m/z	Y	m/z	Y	m/z	Y	m/z	Y
107.00	87472	202.00	863	297.00	5021	421.00	2709
108.00	13824	203.00	4176	298.00	191	422.00	2581
109.00	2938	204.00	21160	299.00	76	423.00	19472
110.00	156352	205.00	36520	300.00	157	424.00	5656
111.00	23968	206.00	158272	301.00	635	425.00	643
112.00	3023	207.00	20216	302.00	842	426.00	114
113.00	872	208.00	5136	303.00	4457	428.00	66
114.00	227	209.00	1871	304.00	1031	429.00	86
115.00	174	210.00	2344	305.00	264	430.00	104
116.00	4404	211.00	5747	306.00	77	432.00	221
117.00	72784	212.00	732	307.00	167	433.00	64
118.00	4790	213.00	381	308.00	600	434.00	195
119.00	348	214.00	331	309.00	370	435.00	149
120.00	960	215.00	2021	310.00	446	436.00	80
121.00	586	216.00	3175	311.00	140	437.00	119
122.00	4761	217.00	39968	312.00	212	438.00	343
123.00	7841	218.00	5239	313.00	490	439.00	208
124.00	4491	219.00	441	314.00	1780	440.00	213
125.00	3926	220.00	837	315.00	4055	441.00	64040
126.00	740	221.00	26960	316.00	2622	442.00	421760
127.00	299264	222.00	3150	317.00	404	443.00	77200
128.00	22448	223.00	8300	318.00	74	444.00	8324
129.00	118584	224.00	87792	319.00	171	445.00	237
130.00	10068	225.00	19136	321.00	1043	454.00	56
131.00	2132	226.00	2309	322.00	866	458.00	73
132.00	1002	227.00	35392	323.00	12877	459.00	88
133.00	649	228.00	4950	324.00	2662	482.00	63
134.00	3408	229.00	6926	325.00	332	490.00	52

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217001.D		
Injection Date:	17-Dec-2012 10:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	68962	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 = 1890156
163 4,4'-DDD, Area = 18127
164 4,4'-DDE, Area = 2259

%Breakdown: 1.07%, Max Limit: 20.00%
Passed

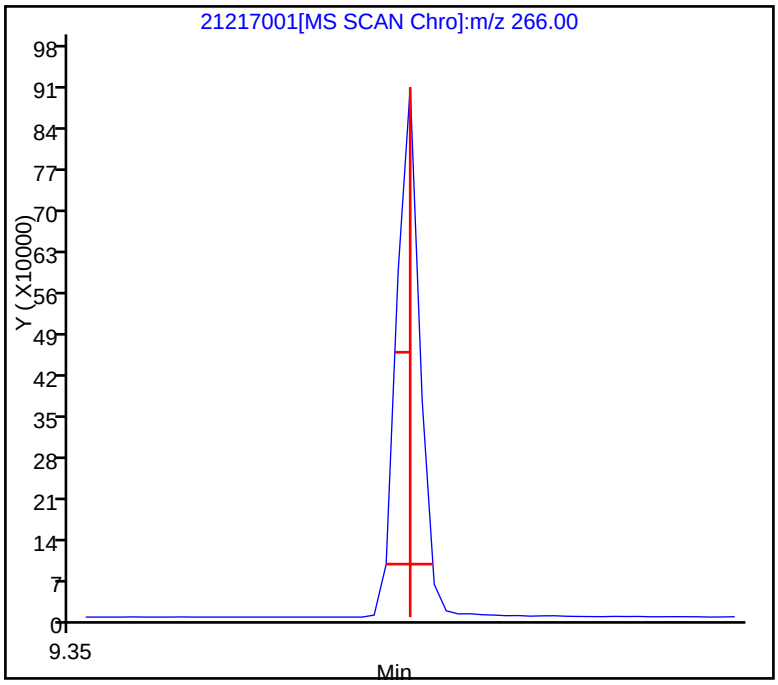
Report Date: 18-Dec-2012 09:22:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217001.D		
Injection Date:	17-Dec-2012 10:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	68962	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

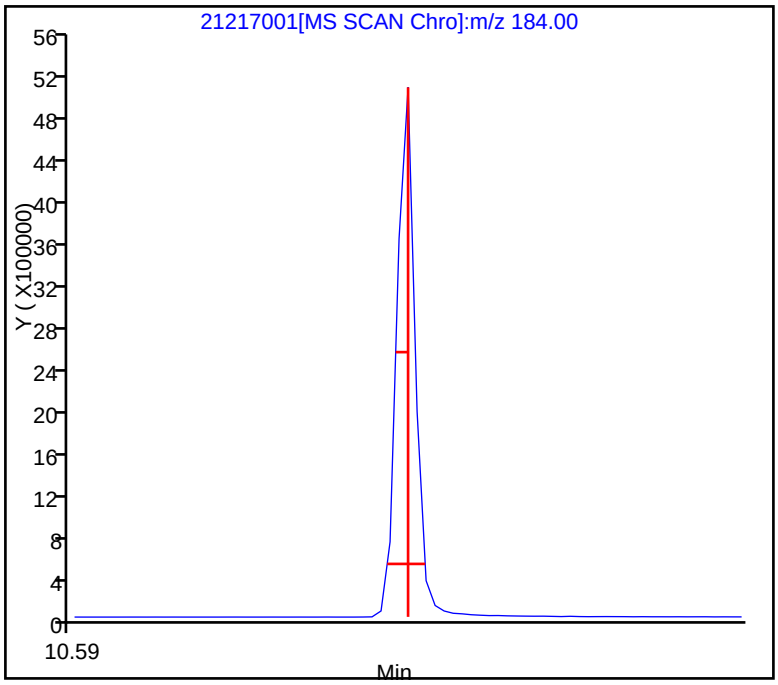
Report Date: 18-Dec-2012 09:22:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217001.D		
Injection Date:	17-Dec-2012 10:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	68962	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 = 0.012 (min.)

Tailing Factor = 0.8, Max. Tailing < 3.00
Passed

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

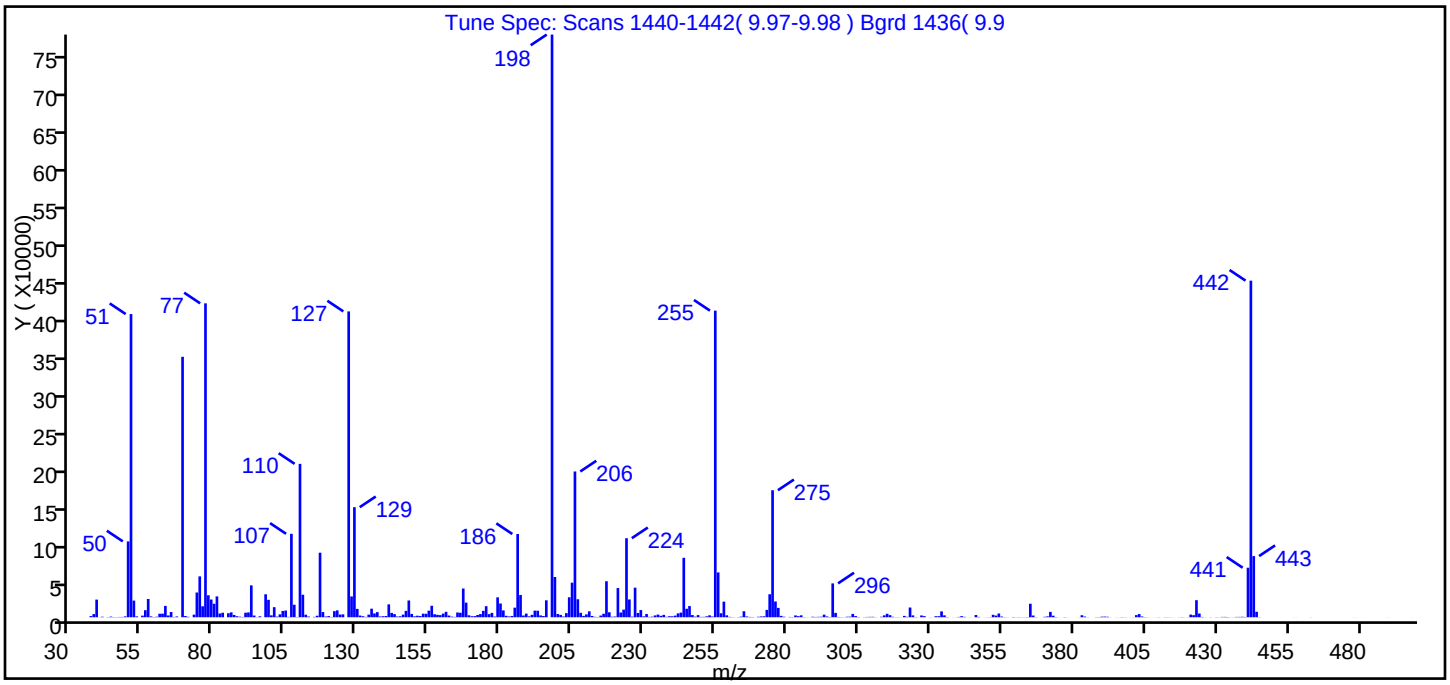
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.619	9.619	0.0	88	847950	0	
148 DFTPP								
158 Benzidine	184	10.914	10.914	0.0	99	4782103	0	
164 4,4'-DDE	246	11.085	11.085	0.0	51	3914	0	
163 4,4'-DDD	235	11.454	11.454	0.0	81	25465	0	
168 4,4'-DDT	235	11.743	11.743	0.0	97	2253167	0	

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

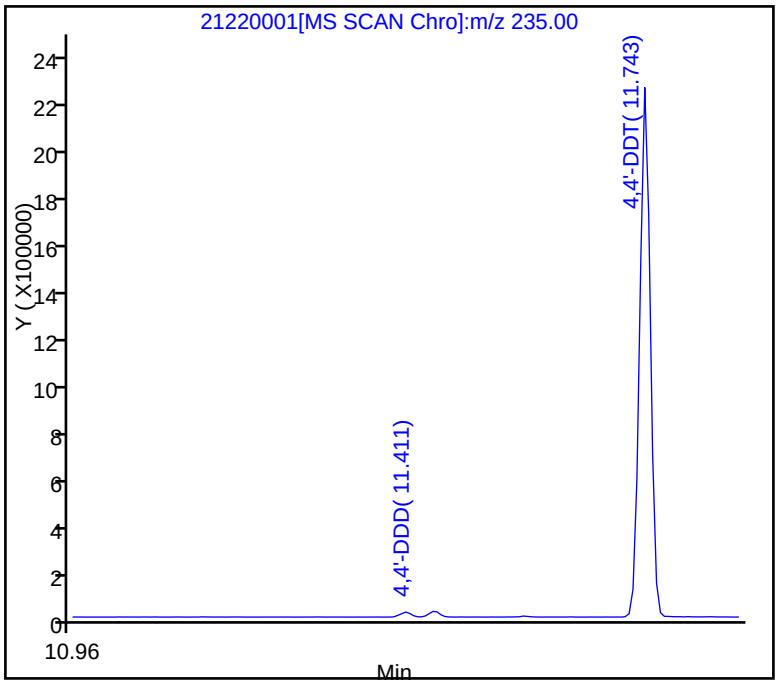
m/z	Y	m/z	Y	m/z	Y	m/z	Y
107.00	111600	208.00	5950	308.00	418	423.00	22816
108.00	16728	209.00	1876	309.00	547	424.00	4990
109.00	358	210.00	3856	310.00	589	425.00	429
110.00	205120	211.00	7931	311.00	207	426.00	103
111.00	30120	212.00	1693	313.00	666	428.00	176
112.00	3398	213.00	556	314.00	2528	430.00	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

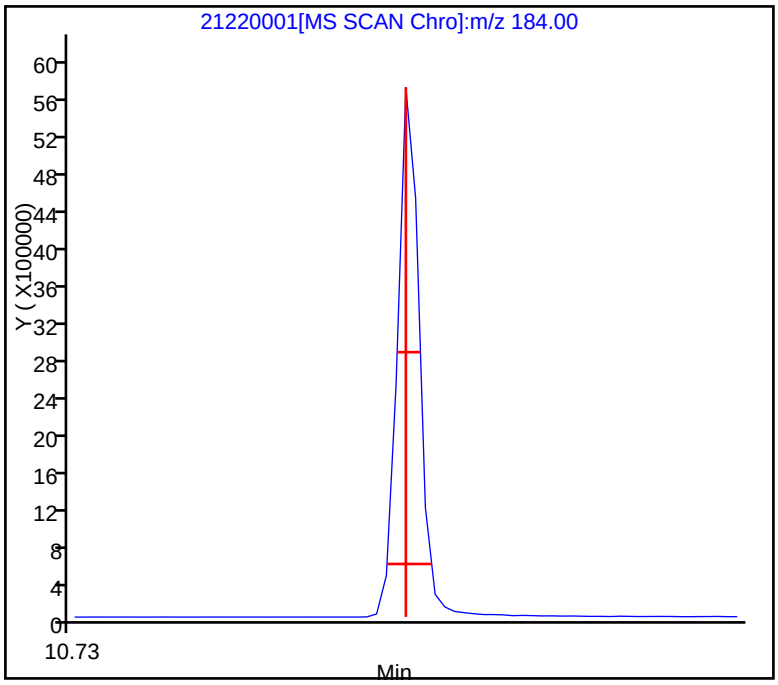
Peak Tailing Report

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

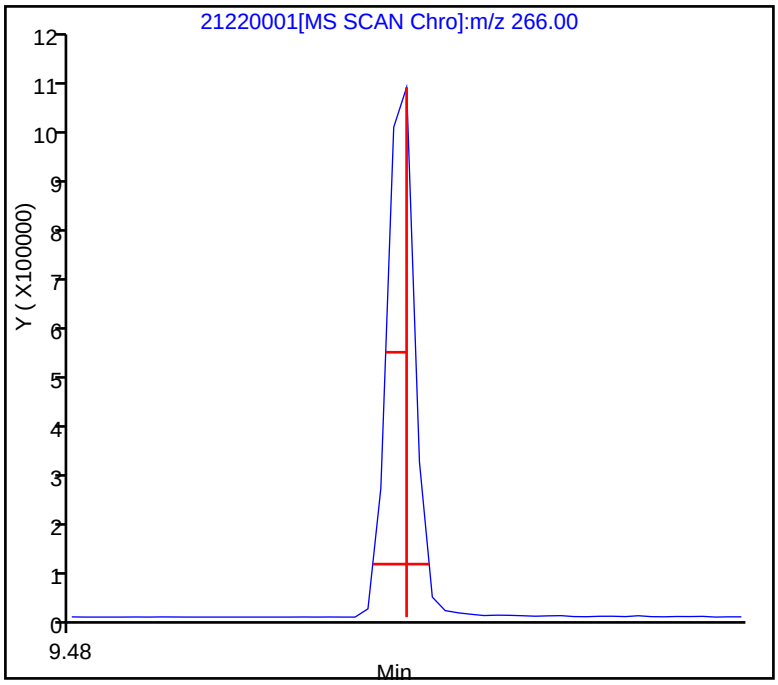
Report Date: 21-Dec-2012 09:00:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

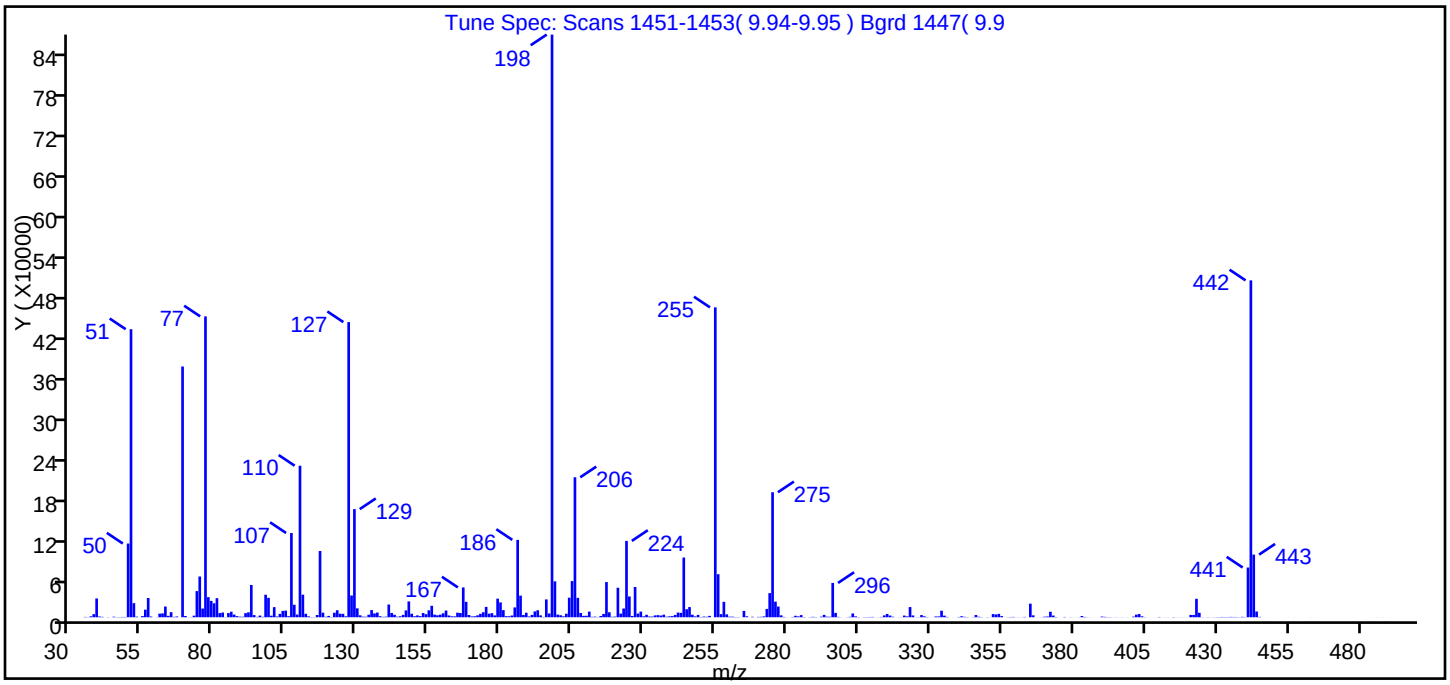
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.589	9.589	0.0	87	876834	0	
148 DFTPP								
158 Benzidine	184	10.889	10.889	0.0	99	5301742	0	
164 4,4'-DDE	246	11.055	11.055	0.0	23	1535	0	
163 4,4'-DDD	235	11.386	11.386	0.0	86	34411	0	
168 4,4'-DDT	235	11.707	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

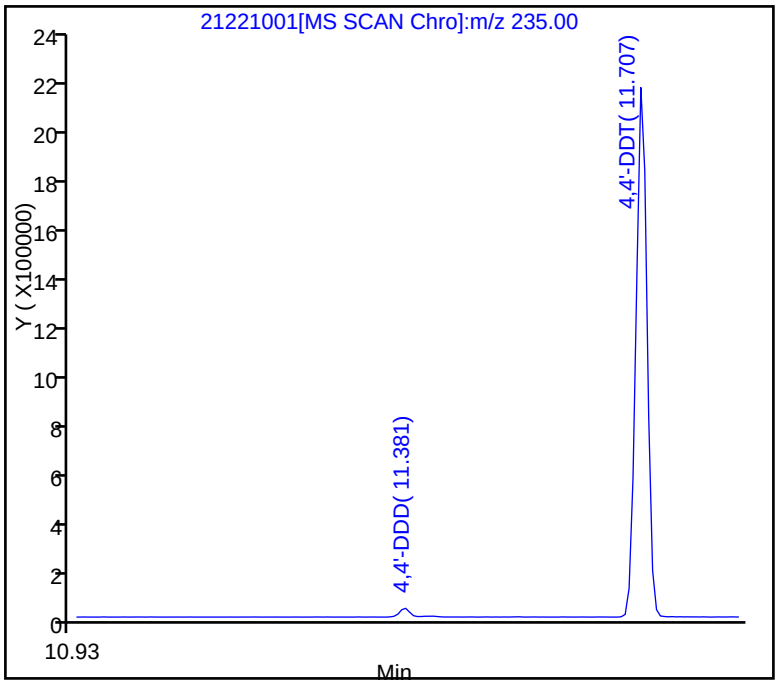
m/z	Y	m/z	Y	m/z	Y	m/z	Y
106.00	1558	204.00	28904	308.00	361	427.00	221
107.00	124616	205.00	53512	309.00	465	428.00	106
108.00	18480	206.00	206976	310.00	524	429.00	188
109.00	4008	207.00	28712	311.00	54	430.00	281
110.00	224064	208.00	6341	312.00	160	431.00	347
111.00	33360	209.00	2113	313.00	505	432.00	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

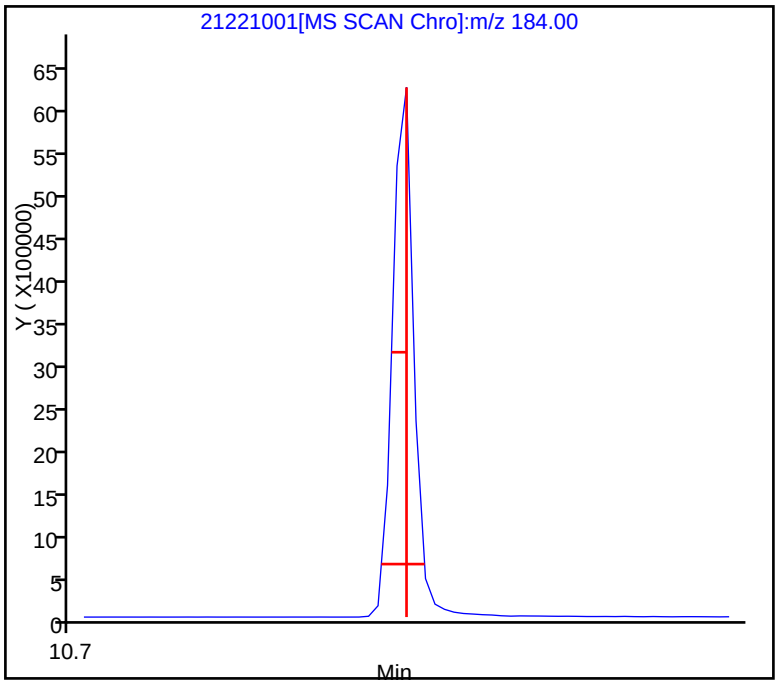
Report Date: 21-Dec-2012 14:27:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

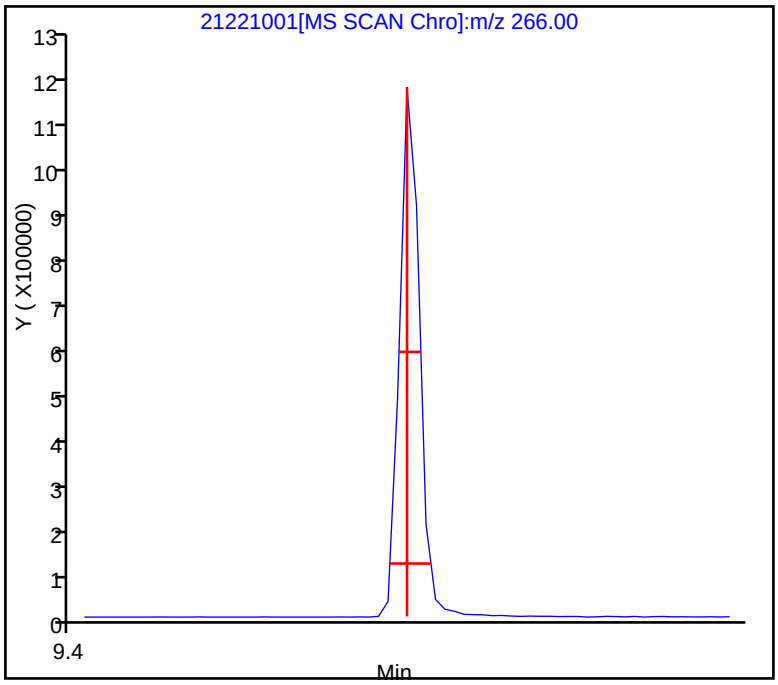
Peak Tailing Report

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\20121231-16305.b\21231001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	31-Dec-2012 09:14:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0016305-001		
Misc. Info.:	DFTPP		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	70697	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\8270_hp7.m		
Last Update:	02-Jan-2013 12:45:22	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:	XAWRK026		
First Level Reviewer: gruberj		Date:	31-Dec-2012 09:30:01

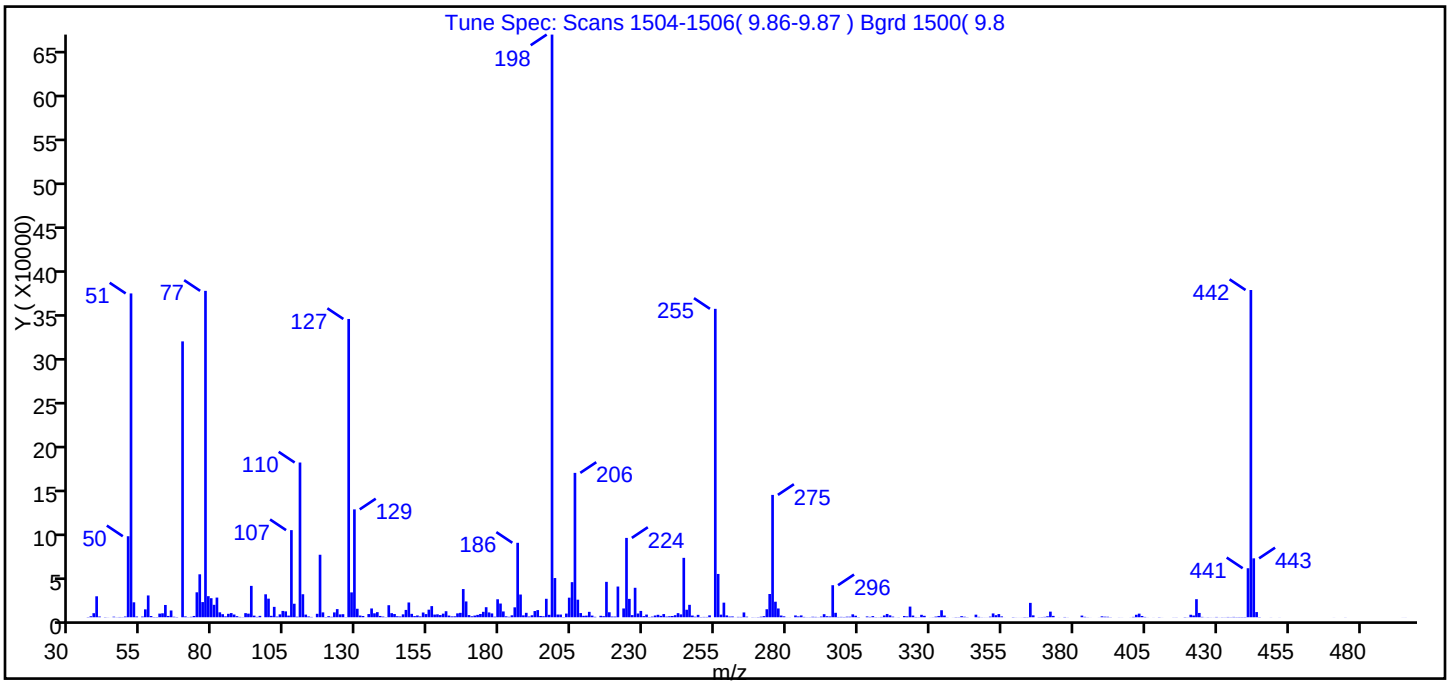
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.506	9.506	0.0	82	746468	0	
148 DFTPP								
158 Benzidine	184	10.795	10.795	0.0	100	4266459	0	
164 4,4'-DDE	246	10.956	10.956	0.0	43	2146	0	
163 4,4'-DDD	235	11.319	11.319	0.0	80	22471	0	
168 4,4'-DDT	235	11.597	11.597	0.0	97	2099955	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231001.D		
Injection Date:	31-Dec-2012 09:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70697	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	55.58
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	47.35
70	Less than 2.00% of mass 69	0.14 (0.30)
127	25.00 - 75.00% of mass 198	51.19
197	Less than 1.00% of mass 198	0.42
199	5.00 - 9.00% of mass 198	6.73
275	10.00 - 30.00% of mass 198	21.00
365	Greater than 0.75% of mass 198	2.47
441	Present, but less than mass 443%	8.41 (83.20)
442	40.00 - 110.00% of mass 198	56.16
443	15.00 - 24.00% of mass 442	10.11 (18.00)

Report Date: 02-Jan-2013 12:45:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231001.D\8270_hp7.rslt\spectra.d
Injection Date: 31-Dec-2012 09:14:30
Spectrum: Tune Spec: Scans 1504-1506(9.86-9.87) Bgrd 1500(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 378

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	272	135.00	10055	232.00	355	334.00	8011
37.00	1162	136.00	4510	233.00	756	335.00	1935
38.00	4636	137.00	5829	234.00	1991	336.00	127
39.00	23952	138.00	1499	235.00	2815	338.00	65
40.00	845	139.00	791	236.00	1630	339.00	250
42.00	244	140.00	206	237.00	3648	340.00	209
43.00	104	141.00	13752	238.00	757	341.00	1257
44.00	23	142.00	4665	239.00	1142	342.00	597
45.00	651	143.00	3661	240.00	1438	343.00	191
46.00	147	144.00	1148	241.00	2341	346.00	2959
47.00	320	145.00	874	242.00	4709	347.00	480
48.00	214	146.00	3334	243.00	3272	348.00	154
49.00	816	147.00	8382	244.00	67872	349.00	99
50.00	92544	148.00	16888	245.00	8591	350.00	85
51.00	369920	149.00	3897	246.00	14196	351.00	715
52.00	17072	150.00	1320	247.00	1953	352.00	4367
53.00	843	151.00	2059	248.00	615	353.00	2338
55.00	792	152.00	968	249.00	2740	354.00	3624
56.00	9021	153.00	5428	250.00	295	355.00	969
57.00	24912	154.00	3605	251.00	387	356.00	36
58.00	1405	155.00	8663	252.00	365	359.00	260
59.00	292	156.00	12736	253.00	2177	360.00	96
60.00	271	157.00	3074	255.00	352320	361.00	56
61.00	4158	158.00	3337	256.00	49464	362.00	79
62.00	4528	159.00	2510	257.00	2976	363.00	284
63.00	14027	160.00	4112	258.00	16688	364.00	223
64.00	1497	161.00	6903	259.00	2109	365.00	16432
65.00	7739	162.00	1943	260.00	774	366.00	2165
66.00	571	163.00	993	261.00	918	368.00	218
67.00	303	164.00	1081	262.00	67	369.00	279
69.00	315136	165.00	4460	263.00	437	370.00	443
70.00	945	166.00	5034	264.00	382	371.00	1077
71.00	220	167.00	32224	265.00	5493	372.00	6425

Report Date: 02-Jan-2013 12:45:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231001.D\8270_hp7.rslt\spectra.d
Injection Date: 31-Dec-2012 09:14:30
Spectrum: Tune Spec: Scans 1504-1506(9.86-9.87) Bgrd 1500(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 378

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	515	168.00	18072	266.00	678	373.00	1555
73.00	1473	169.00	2484	268.00	187	375.00	67
74.00	28512	170.00	1143	269.00	127	377.00	312
75.00	49072	171.00	1929	270.00	247	378.00	100
76.00	17336	172.00	2735	271.00	635	383.00	1902
77.00	372864	173.00	3732	272.00	1278	384.00	487
78.00	24080	174.00	6207	273.00	9160	385.00	152
79.00	21752	175.00	11487	274.00	26552	386.00	50
80.00	14202	176.00	5500	275.00	139776	389.00	72
81.00	22472	177.00	4381	276.00	17752	390.00	1074
82.00	5636	178.00	651	277.00	10040	391.00	667
83.00	3520	179.00	20560	278.00	1975	392.00	577
84.00	987	180.00	15680	279.00	1043	393.00	188
85.00	3929	181.00	6636	280.00	92	396.00	95
86.00	4768	182.00	1052	281.00	101	397.00	65
87.00	3117	183.00	554	283.00	2065	400.00	78
88.00	1237	184.00	2214	284.00	958	401.00	433
89.00	411	185.00	11335	285.00	2094	402.00	2845
90.00	200	186.00	85056	286.00	409	403.00	4118
91.00	4695	187.00	25960	287.00	165	404.00	1469
92.00	4134	188.00	2168	288.00	176	405.00	386
93.00	35840	189.00	5065	289.00	553	406.00	69
94.00	1835	190.00	861	290.00	429	408.00	67
95.00	446	191.00	2258	291.00	179	410.00	230
96.00	1601	192.00	7086	292.00	769	411.00	57
97.00	5	193.00	8186	293.00	3507	415.00	110
98.00	26232	194.00	1486	294.00	1165	416.00	131
99.00	21248	195.00	1122	295.00	872	419.00	273
100.00	1635	196.00	21096	296.00	36608	420.00	115
101.00	11873	197.00	2784	297.00	5091	421.00	2853
102.00	771	198.00	665600	298.00	347	422.00	1993
103.00	3327	199.00	44792	299.00	430	423.00	20656
104.00	7232	200.00	3112	300.00	325	424.00	4916
105.00	6736	201.00	3088	301.00	659	425.00	414

Report Date: 02-Jan-2013 12:45:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231001.D\8270_hp7.rslt\spectra.d
Injection Date: 31-Dec-2012 09:14:30
Spectrum: Tune Spec: Scans 1504-1506(9.86-9.87) Bgrd 1500(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 378

m/z	Y	m/z	Y	m/z	Y	m/z	Y
106.00	1899	202.00	292	302.00	624	426.00	72
107.00	99520	203.00	4221	303.00	3358	427.00	183
108.00	15441	204.00	22368	304.00	1734	428.00	104
109.00	619	205.00	40096	305.00	284	429.00	68
110.00	176768	206.00	164928	308.00	961	430.00	361
111.00	26288	207.00	20072	309.00	427	431.00	62
112.00	3044	208.00	4793	310.00	1316	432.00	190
113.00	947	209.00	1656	311.00	226	433.00	145
114.00	376	210.00	1858	312.00	146	434.00	343
116.00	3951	211.00	6181	313.00	385	435.00	208
117.00	71408	212.00	1878	314.00	2075	436.00	404
118.00	5568	213.00	495	315.00	3767	437.00	257
119.00	287	215.00	1684	316.00	2213	438.00	301
120.00	1223	216.00	1224	317.00	749	439.00	285
121.00	524	217.00	40448	318.00	64	440.00	309
122.00	5553	218.00	5704	319.00	158	441.00	56000
123.00	9312	219.00	819	321.00	1390	442.00	373824
124.00	3282	220.00	763	322.00	950	443.00	67304
125.00	3494	221.00	35096	323.00	12181	444.00	5913
126.00	198	223.00	10045	324.00	1900	445.00	277
127.00	340736	224.00	90640	325.00	336	449.00	96
128.00	28408	225.00	21000	326.00	218	452.00	77
129.00	123232	226.00	2445	327.00	2798	471.00	54
130.00	9693	227.00	33664	328.00	1649	475.00	102
131.00	1949	228.00	4267	330.00	61	495.00	57
132.00	1447	229.00	7248	331.00	153	496.00	74
133.00	82	230.00	1295	332.00	741		
134.00	3662	231.00	3058	333.00	1481		

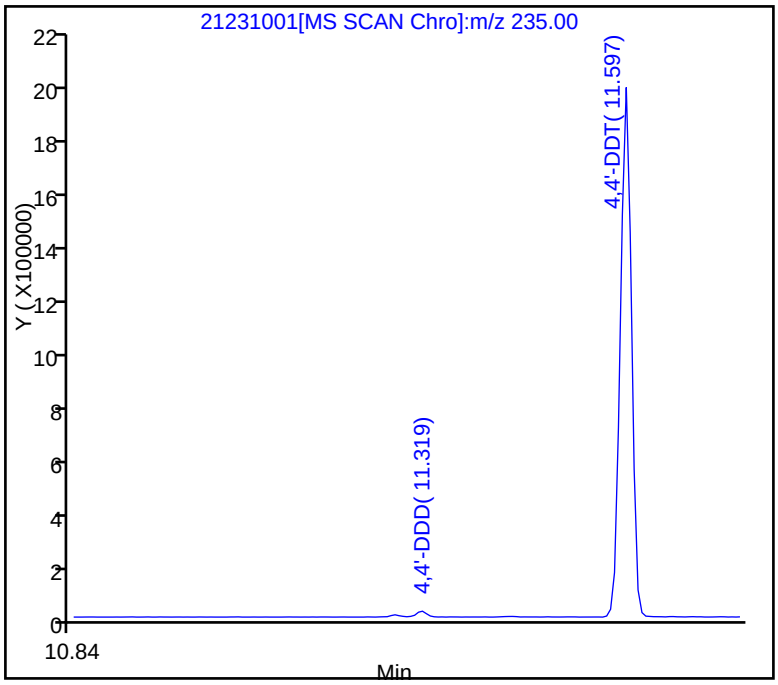
Report Date: 02-Jan-2013 12:45:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231001.D		
Injection Date:	31-Dec-2012 09:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70697	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 = 2099955
163 4,4'-DDD, Area = 22471
164 4,4'-DDE, Area = 2146

%Breakdown: 1.16%, Max Limit: 20.00%
Passed

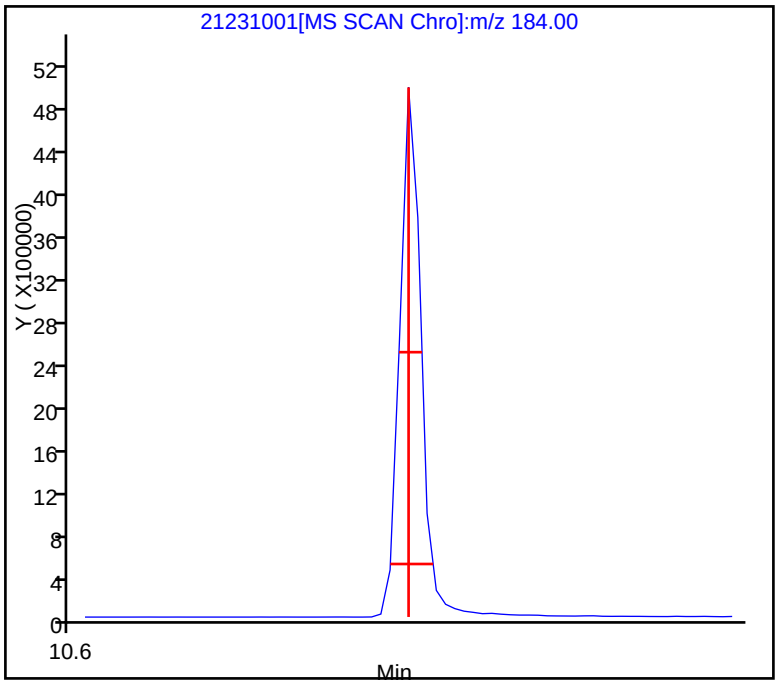
Report Date: 02-Jan-2013 12:45:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231001.D		
Injection Date:	31-Dec-2012 09:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70697	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 = 0.011 (min.)

Tailing Factor = 1.3, Max. Tailing < 3.00
Passed

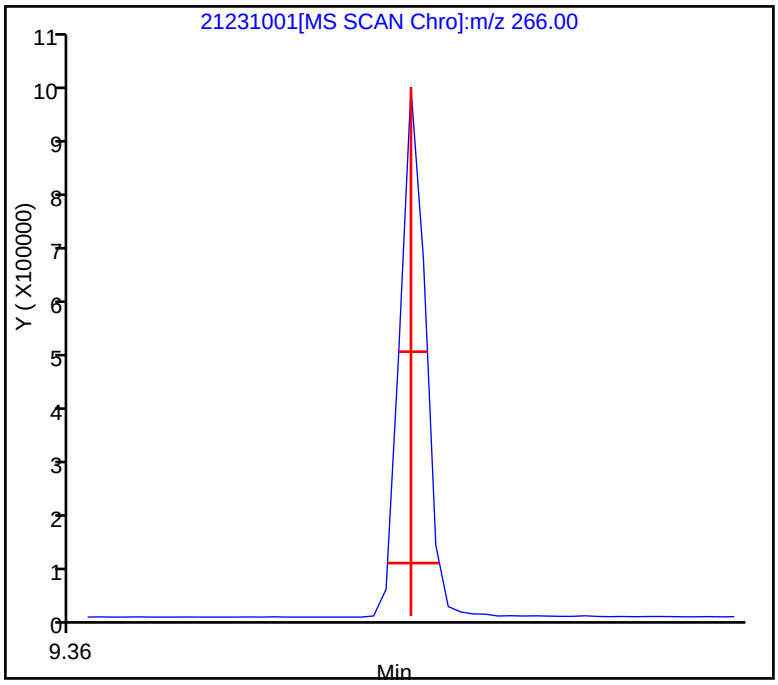
Report Date: 02-Jan-2013 12:45:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231001.D		
Injection Date:	31-Dec-2012 09:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70697	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 = 0.010 (min.)

Tailing Factor = 1.2, 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

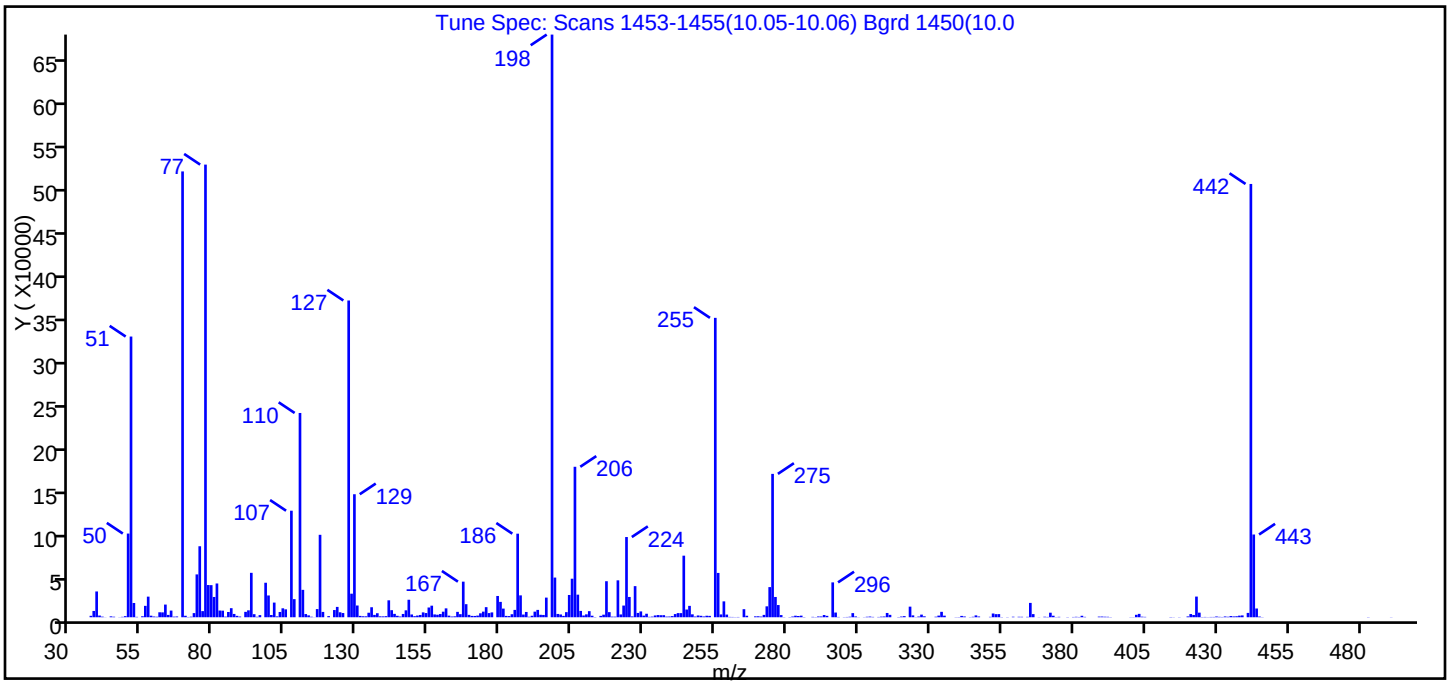
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.706	9.706	0.0	78	797497	0	
150 DFTPP								
160 Benzidine	184	11.025	11.025	0.0	99	4656895	0	
166 4,4'-DDE	246	11.196	11.196	0.0	1	1267	0	
165 4,4'-DDD	235	11.538	11.538	0.0	28	17323	0	
170 4,4'-DDT	235	11.880	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

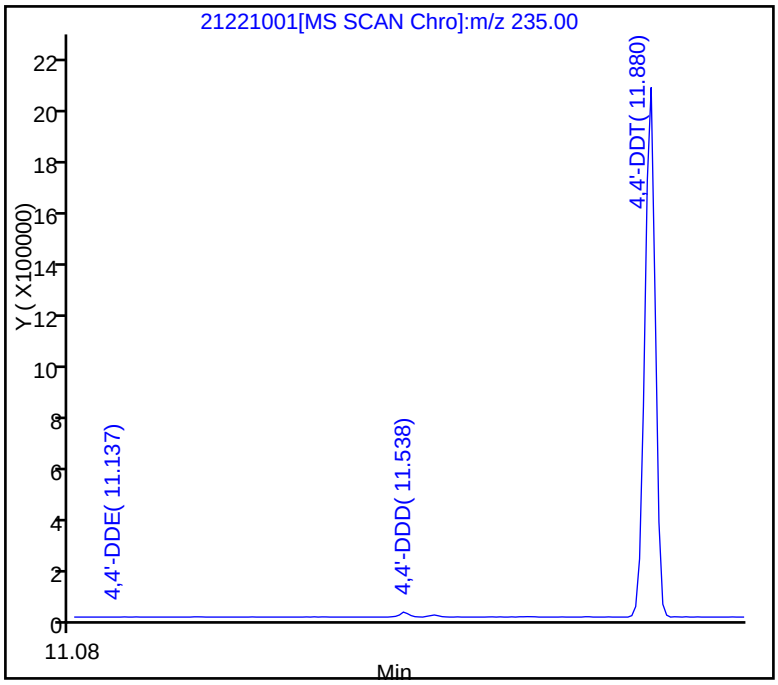
m/z	Y	m/z	Y	m/z	Y	m/z	Y
112.00	3692	203.00	5893	298.00	375	430.00	884
113.00	2178	204.00	25704	300.00	227	431.00	493
114.00	616	205.00	44472	301.00	356	432.00	336
115.00	131	206.00	173632	302.00	604	433.00	922
116.00	9415	207.00	26072	303.00	4772	434.00	574
117.00	95136	208.00	7312	304.00	935	435.00	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

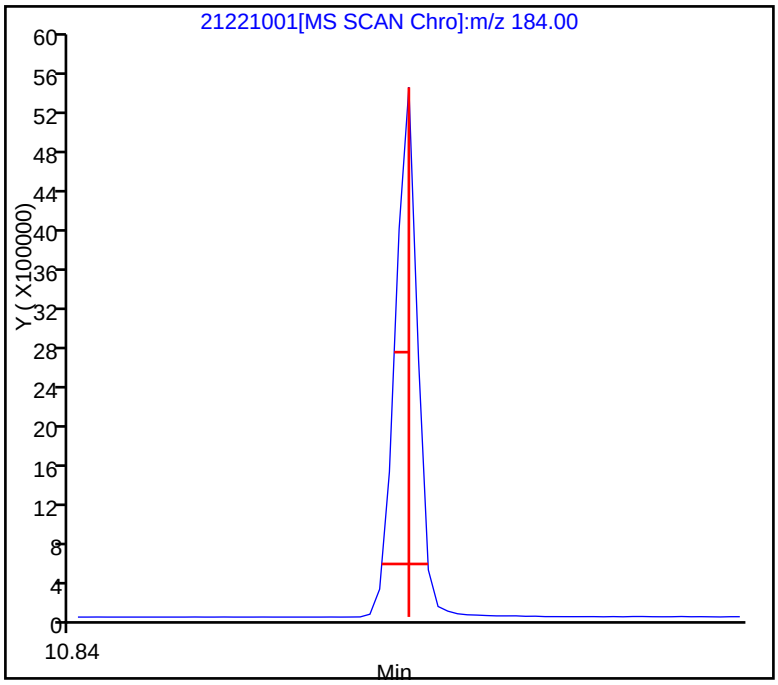
Peak Tailing Report

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

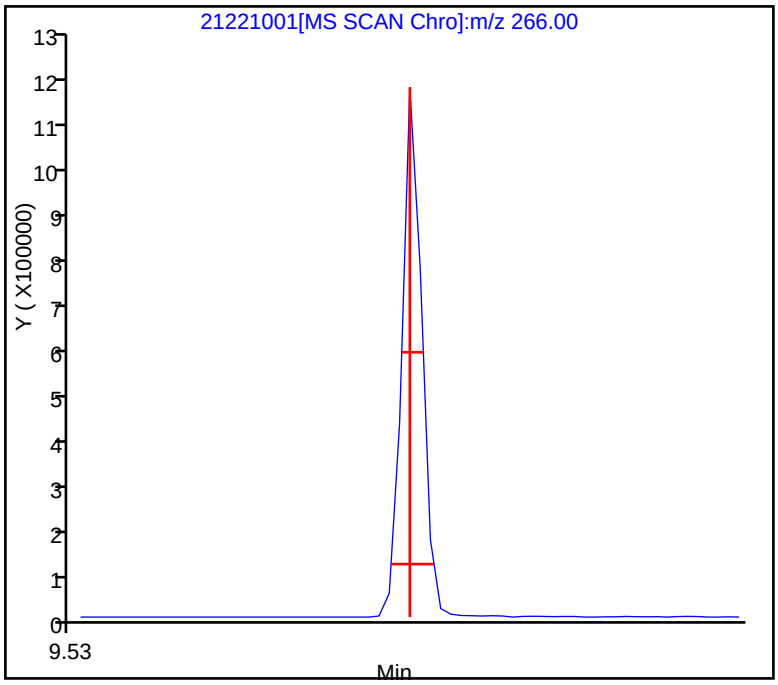
Report Date: 22-Dec-2012 11:07:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

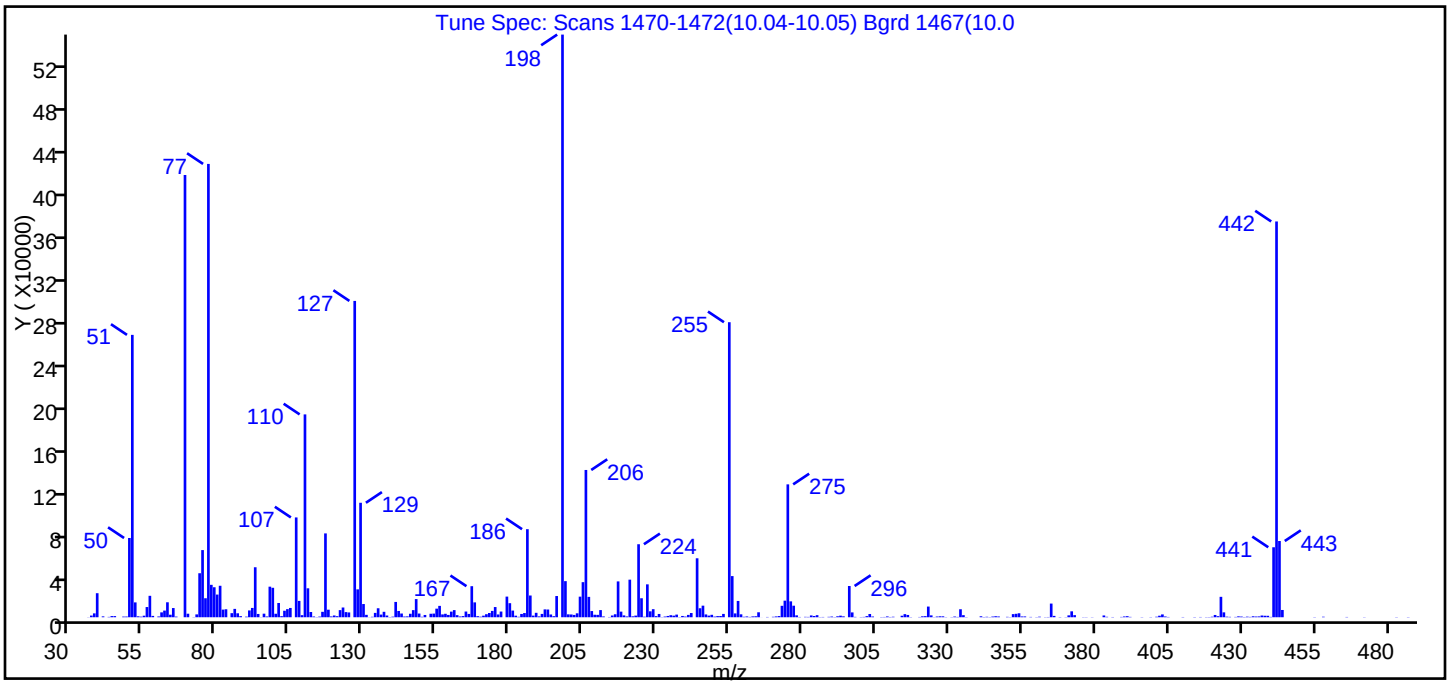
Report Date: 24-Dec-2012 10:24:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

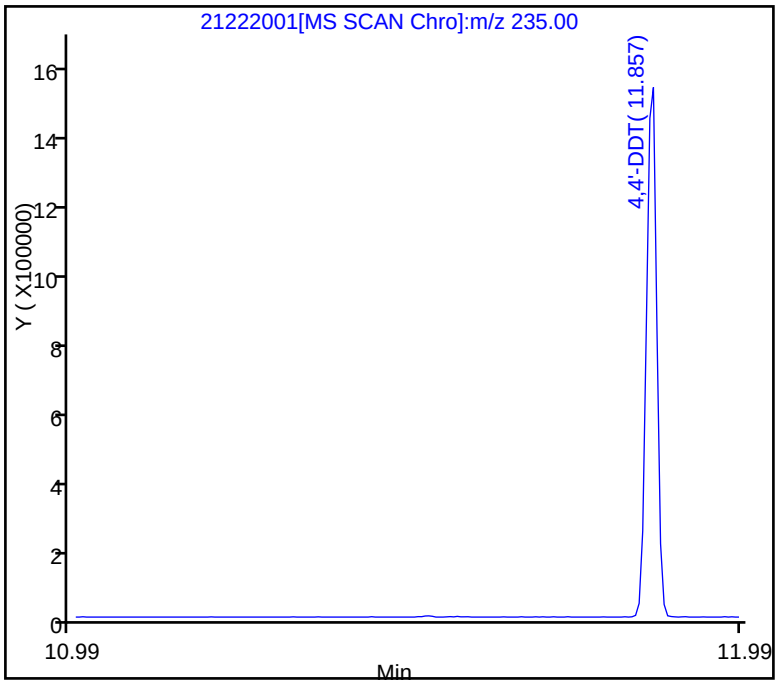
m/z	Y	m/z	Y	m/z	Y	m/z	Y
114.00	178	205.00	33008	301.00	321	431.00	258
115.00	628	206.00	138560	302.00	1061	432.00	571
116.00	5118	207.00	19168	303.00	3067	433.00	339
117.00	78888	208.00	5823	304.00	695	434.00	909
118.00	7115	209.00	2365	307.00	232	435.00	694
119.00	774	210.00	2252	308.00	276	436.00	792
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

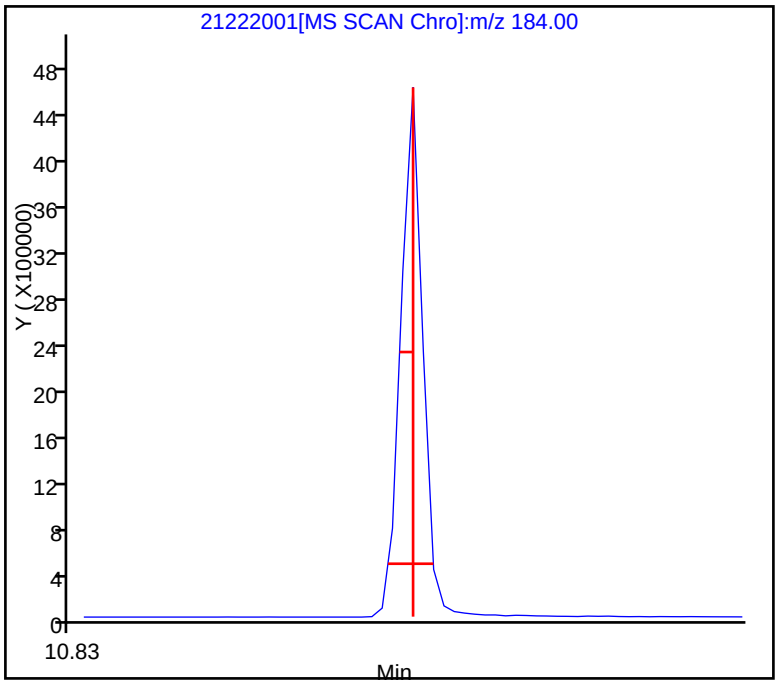
Report Date: 24-Dec-2012 10:24:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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

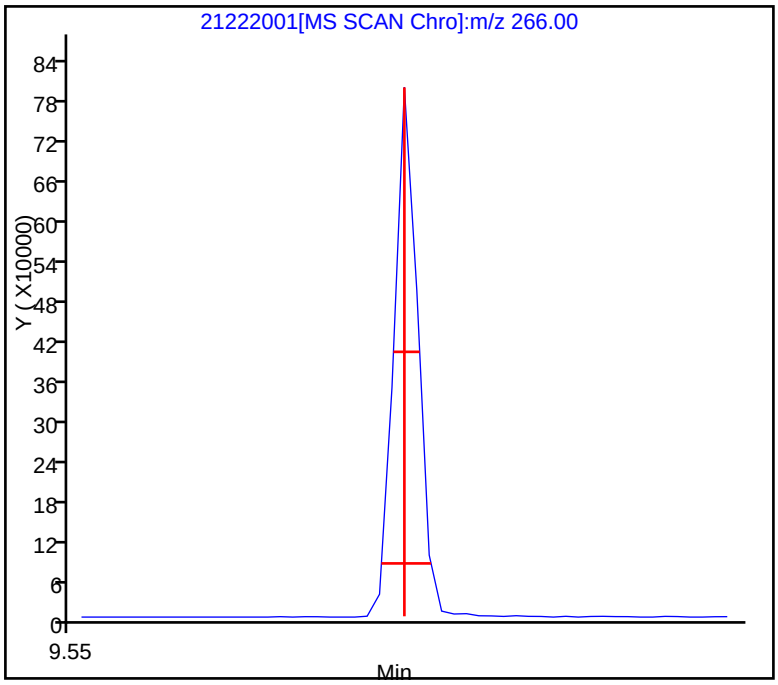
Report Date: 24-Dec-2012 10:24:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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\20121224-16149.b\21224001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	24-Dec-2012 10:05:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0016149-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	69988	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m		
Last Update:	25-Dec-2012 12:56:24	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:	XAWRK027		
First Level Reviewer: ulmanm		Date:	24-Dec-2012 10:38:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.678	9.678	0.0	80	641221	0	
150 DFTPP								
160 Benzidine	184	10.987	10.987	0.0	99	4053583	0	
166 4,4'-DDE	246	11.164	11.164	0.0	1	927	0	
165 4,4'-DDD	235		11.538					
170 4,4'-DDT	235	11.837	11.837	0.0	97	1828877	0	

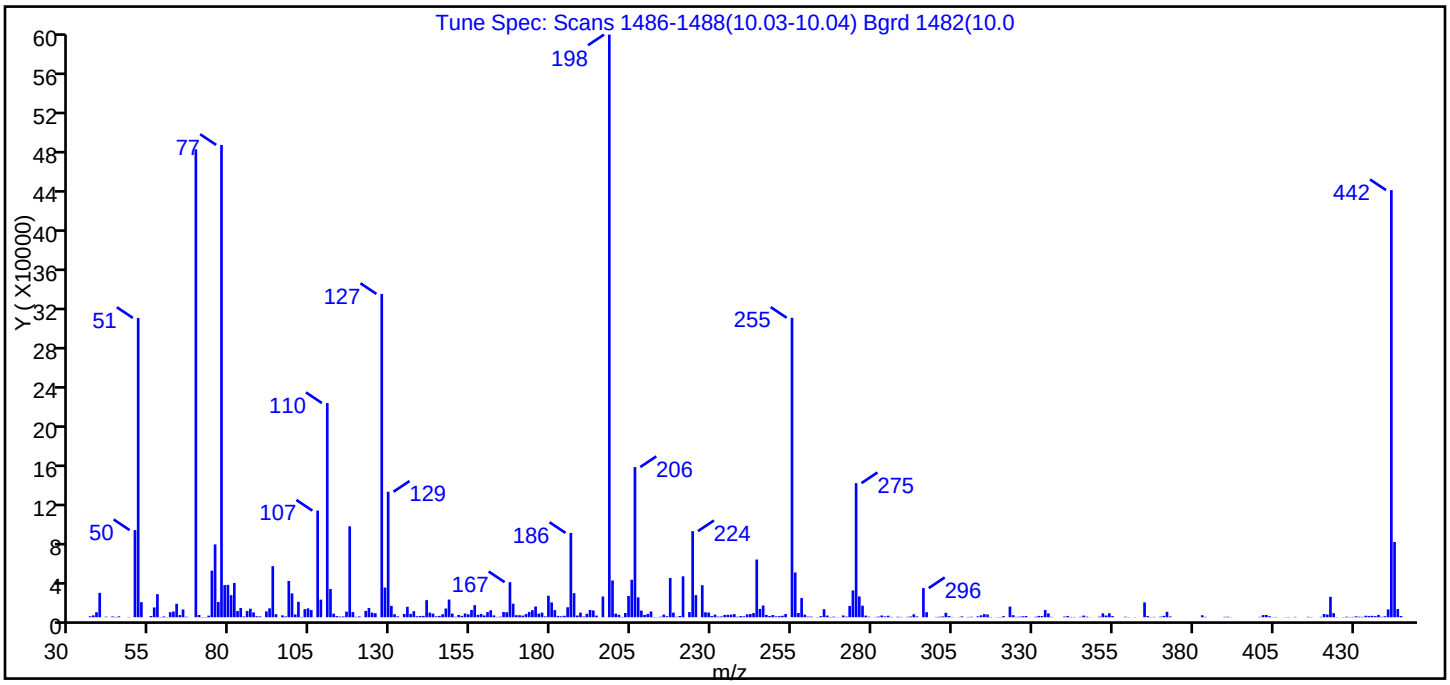
Report Date: 25-Dec-2012 12:56:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224001.D		
Injection Date:	24-Dec-2012 10:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	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	51.38
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	80.31
70	Less than 2.00% of mass 69	0.39 (0.48)
127	25.00 - 75.00% of mass 198	55.49
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.31
275	10.00 - 30.00% of mass 198	23.02
365	Greater than 0.75% of mass 198	2.55
441	Present, but less than mass 443%	1.35 (10.44)
442	40.00 - 110.00% of mass 198	73.31
443	15.00 - 24.00% of mass 442	12.91 (17.61)

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224001.D\8270 _9.rslt\spectra.d
Injection Date: 24-Dec-2012 10:05:30
Spectrum: Tune Spec: Scans 1486-1488(10.03-10.04) Bgrd 1482(10.0
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	1001	131.00	3056	218.00	4727	315.00	3202
37.00	1891	132.00	911	219.00	506	316.00	2818
38.00	5137	134.00	3382	220.00	1261	317.00	311
39.00	24928	135.00	10702	221.00	41848	319.00	257
40.00	23	136.00	3392	223.00	5270	320.00	319
41.00	597	137.00	6173	224.00	88040	321.00	1169
43.00	777	138.00	1042	225.00	22624	323.00	10943
44.00	331	139.00	1320	227.00	32776	324.00	2091
45.00	911	140.00	1430	228.00	5085	325.00	421
48.00	247	141.00	17480	229.00	4808	326.00	624
50.00	89064	142.00	4703	230.00	1316	327.00	1015
51.00	305984	143.00	3692	231.00	2663	328.00	1265
52.00	15433	144.00	928	232.00	649	331.00	525
53.00	13	145.00	1421	233.00	840	332.00	1388
55.00	1329	146.00	3078	234.00	2357	333.00	1193
56.00	10009	147.00	8926	235.00	2562	334.00	7343
57.00	23584	148.00	18080	236.00	2656	335.00	3911
58.00	276	149.00	3756	237.00	3201	336.00	350
59.00	827	150.00	467	238.00	560	340.00	714
60.00	267	151.00	2373	239.00	1210	341.00	1335
61.00	5154	152.00	1431	240.00	922	342.00	352
62.00	5868	153.00	3911	241.00	2910	343.00	315
63.00	13769	154.00	3008	242.00	3229	345.00	442
64.00	2202	155.00	7476	243.00	4331	346.00	1678
65.00	7969	156.00	12322	244.00	58992	347.00	642
66.00	542	157.00	2479	245.00	8582	348.00	186
67.00	101	158.00	3418	246.00	12032	351.00	670
69.00	478336	159.00	1862	247.00	2427	352.00	3976
70.00	2295	160.00	5261	248.00	1258	353.00	1759
71.00	266	161.00	7150	249.00	2259	354.00	4030
72.00	255	162.00	1888	250.00	927	355.00	1203
73.00	1595	163.00	386	251.00	1171	359.00	510
74.00	47648	164.00	618	252.00	1549	360.00	260

Report Date: 25-Dec-2012 12:56:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224001.D\8270 _9.rslt\spectra.d
Injection Date: 24-Dec-2012 10:05:30
Spectrum: Tune Spec: Scans 1486-1488(10.03-10.04) Bgrd 1482(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 335

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	74472	165.00	5356	253.00	3335	362.00	192
76.00	15629	166.00	5106	255.00	306112	365.00	15204
77.00	482816	167.00	35880	256.00	45752	366.00	1213
78.00	32880	168.00	13843	257.00	4306	367.00	211
79.00	33064	169.00	2090	258.00	19632	368.00	397
80.00	22544	170.00	2035	259.00	2656	370.00	631
81.00	35016	171.00	1691	260.00	676	371.00	1388
82.00	6362	172.00	3282	261.00	628	372.00	5542
83.00	9417	173.00	5436	263.00	279	373.00	842
84.00	804	174.00	7272	264.00	1137	383.00	2052
85.00	6324	175.00	11024	265.00	8229	384.00	445
86.00	8734	176.00	3651	266.00	1700	390.00	452
87.00	4965	177.00	4782	267.00	384	391.00	569
88.00	1033	178.00	868	268.00	596	392.00	188
89.00	886	179.00	21976	269.00	227	401.00	442
91.00	6007	180.00	15170	270.00	102	402.00	2209
92.00	9133	181.00	7305	271.00	1827	403.00	2286
93.00	52224	182.00	1385	272.00	612	404.00	1066
94.00	3114	183.00	970	273.00	11532	405.00	185
95.00	69	184.00	1512	274.00	27472	406.00	333
96.00	1904	185.00	10225	275.00	137088	409.00	203
97.00	817	186.00	86200	276.00	21272	410.00	293
98.00	37088	187.00	24624	277.00	11835	412.00	402
99.00	24360	188.00	1791	278.00	1696	416.00	459
100.00	2844	189.00	4756	279.00	604	417.00	261
101.00	15784	190.00	746	281.00	330	420.00	473
102.00	353	191.00	3555	282.00	671	421.00	3282
103.00	8271	192.00	7495	283.00	1791	422.00	2796
104.00	9082	193.00	6939	284.00	839	423.00	20888
105.00	7380	194.00	1735	285.00	1551	424.00	4169
107.00	109016	196.00	21216	286.00	356	425.00	254
108.00	18000	198.00	595584	288.00	535	427.00	218
110.00	218944	199.00	37608	289.00	364	428.00	616
111.00	28824	200.00	3699	291.00	425	429.00	303

Report Date: 25-Dec-2012 12:56:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224001.D\8270 _9.rslt\spectra.d
Injection Date: 24-Dec-2012 10:05:30
Spectrum: Tune Spec: Scans 1486-1488(10.03-10.04) Bgrd 1482(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 335

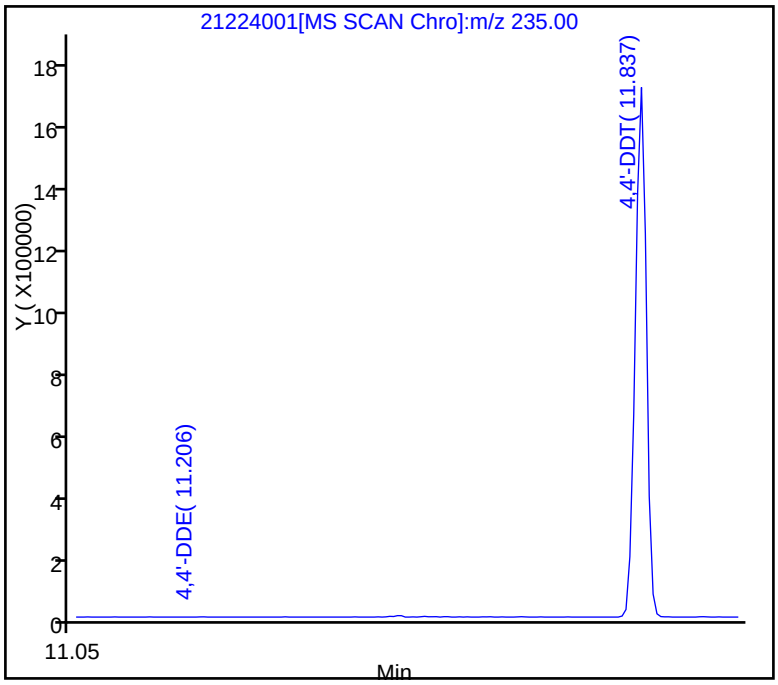
m/z	Y	m/z	Y	m/z	Y	m/z	Y
112.00	3680	201.00	2532	292.00	803	430.00	394
113.00	1180	202.00	347	293.00	2949	431.00	949
114.00	708	203.00	4299	294.00	855	432.00	591
115.00	804	204.00	21776	296.00	29800	433.00	418
116.00	5750	205.00	38344	297.00	5198	434.00	1537
117.00	92960	206.00	153536	300.00	368	435.00	1332
118.00	5282	207.00	20368	301.00	555	436.00	1437
119.00	490	208.00	6779	302.00	834	437.00	1125
120.00	850	209.00	2416	303.00	4552	438.00	2396
122.00	6508	210.00	3364	304.00	1265	439.00	473
123.00	9521	211.00	5930	305.00	301	440.00	1037
124.00	4701	212.00	277	307.00	193	441.00	8029
125.00	4098	213.00	180	308.00	859	442.00	436608
127.00	330496	214.00	549	310.00	345	443.00	76896
128.00	30376	215.00	2677	311.00	507	444.00	8423
129.00	128296	216.00	1011	313.00	943	445.00	1274
130.00	11673	217.00	40120	314.00	1958		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224001.D		
Injection Date:	24-Dec-2012 10:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	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 = 1828877
165 4,4'-DDD, Area = 0
166 4,4'-DDE, Area = 927

%Breakdown: 0.05%, Max Limit: 20.00%
Passed

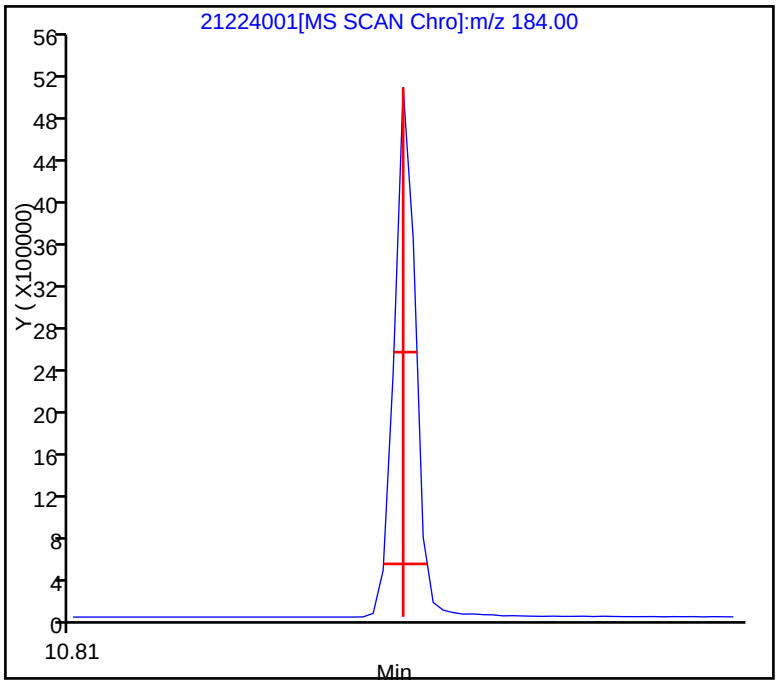
Report Date: 25-Dec-2012 12:56:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224001.D		
Injection Date:	24-Dec-2012 10:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	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 = 0.013 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 1.2, Max. Tailing < 3.00
Passed

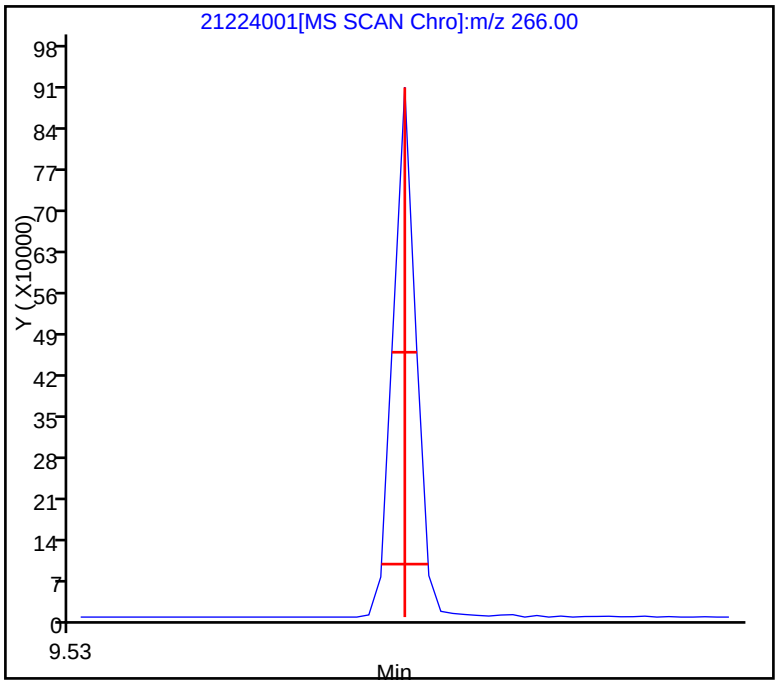
Report Date: 25-Dec-2012 12:56:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224001.D		
Injection Date:	24-Dec-2012 10:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	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 = 0.010 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.0, Max. Tailing < 5.00
Passed

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-68547/18-A

Matrix: Water | Lab File ID: 21217004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3520C | Date Extracted: 12/13/2012 11:21

Sample wt/vol: 1000(mL) | Date Analyzed: 12/17/2012 11:18

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.: 68962 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	0.10	U	0.20	0.10	0.10
208-96-8	Acenaphthylene	0.10	U	0.20	0.10	0.10
120-12-7	Anthracene	0.10	U	0.20	0.10	0.10
56-55-3	Benzo[a]anthracene	0.10	U	0.20	0.10	0.10
50-32-8	Benzo[a]pyrene	0.10	U	0.20	0.10	0.10
205-99-2	Benzo[b]fluoranthene	0.10	U	0.20	0.10	0.10
191-24-2	Benzo[g,h,i]perylene	0.10	U	0.20	0.10	0.10
65-85-0	Benzoic acid	10	U	25	10	10
207-08-9	Benzo[k]fluoranthene	0.10	U	0.20	0.10	0.10
100-51-6	Benzyl alcohol	0.80	U	5.0	0.80	0.38
111-91-1	Bis(2-chloroethoxy)methane	0.80	U	1.0	0.80	0.32
111-44-4	Bis(2-chloroethyl)ether	0.10	U	1.0	0.10	0.10
108-60-1	bis (2-chloroisopropyl) ether	0.80	U	1.0	0.80	0.40
117-81-7	Bis(2-ethylhexyl) phthalate	0.80	U	2.0	0.80	0.80
101-55-3	4-Bromophenyl phenyl ether	0.80	U	2.0	0.80	0.80
85-68-7	Butyl benzyl phthalate	0.80	U	1.0	0.80	0.80
86-74-8	Carbazole	0.80	U	1.0	0.80	0.28
106-47-8	4-Chloroaniline	0.80	U	2.0	0.80	0.80
59-50-7	4-Chloro-3-methylphenol	0.80	U	2.0	0.80	0.80
91-58-7	2-Chloronaphthalene	0.10	U	1.0	0.10	0.10
95-57-8	2-Chlorophenol	0.80	U	1.0	0.80	0.29
7005-72-3	4-Chlorophenyl phenyl ether	0.80	U	2.0	0.80	0.30
218-01-9	Chrysene	0.10	U	0.20	0.10	0.10
53-70-3	Dibenz(a,h)anthracene	0.10	U	0.20	0.10	0.10
132-64-9	Dibenzofuran	0.10	U	1.0	0.10	0.10
95-50-1	1,2-Dichlorobenzene	0.80	U	1.0	0.80	0.29
541-73-1	1,3-Dichlorobenzene	0.80	U	1.0	0.80	0.80
106-46-7	1,4-Dichlorobenzene	0.80	U	1.0	0.80	0.34
91-94-1	3,3'-Dichlorobenzidine	0.80	U	5.0	0.80	0.37
120-83-2	2,4-Dichlorophenol	0.80	U	2.0	0.80	0.80
84-66-2	Diethyl phthalate	0.80	U	1.0	0.80	0.60
105-67-9	2,4-Dimethylphenol	0.80	U	2.0	0.80	0.80
131-11-3	Dimethyl phthalate	0.80	U	1.0	0.80	0.29
84-74-2	Di-n-butyl phthalate	0.80	U	1.0	0.80	0.67

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-68547/18-A

Matrix: Water | Lab File ID: 21217004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3520C | Date Extracted: 12/13/2012 11:21

Sample wt/vol: 1000(mL) | Date Analyzed: 12/17/2012 11:18

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.: 68962 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	5.0	2.4	2.4
51-28-5	2,4-Dinitrophenol	2.4	U	5.0	2.4	2.4
121-14-2	2,4-Dinitrotoluene	0.80	U	5.0	0.80	0.27
606-20-2	2,6-Dinitrotoluene	0.80	U	5.0	0.80	0.80
117-84-0	Di-n-octyl phthalate	0.80	U	1.0	0.80	0.80
206-44-0	Fluoranthene	0.10	U	0.20	0.10	0.10
86-73-7	Fluorene	0.10	U	0.20	0.10	0.10
118-74-1	Hexachlorobenzene	0.10	U	0.20	0.10	0.10
87-68-3	Hexachlorobutadiene	0.80	U	1.0	0.80	0.27
77-47-4	Hexachlorocyclopentadiene	0.80	U	10	0.80	0.80
67-72-1	Hexachloroethane	0.80	U	1.0	0.80	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	0.10	U	0.20	0.10	0.10
78-59-1	Isophorone	0.80	U	1.0	0.80	0.27
91-57-6	2-Methylnaphthalene	0.10	U	0.20	0.10	0.10
95-48-7	2-Methylphenol	0.80	U	1.0	0.80	0.80
15831-10-4	3 & 4 Methylphenol	0.80	U	2.0	0.80	0.80
91-20-3	Naphthalene	0.10	U	0.20	0.10	0.10
88-74-4	2-Nitroaniline	0.80	U	2.0	0.80	0.80
99-09-2	3-Nitroaniline	0.80	U	2.0	0.80	0.28
100-01-6	4-Nitroaniline	0.80	U	2.0	0.80	0.80
98-95-3	Nitrobenzene	0.10	U	1.0	0.10	0.040
88-75-5	2-Nitrophenol	0.80	U	2.0	0.80	0.28
100-02-7	4-Nitrophenol	2.4	U	5.0	2.4	2.4
621-64-7	N-Nitrosodi-n-propylamine	0.80	U	1.0	0.80	0.80
86-30-6	N-Nitrosodiphenylamine	0.80	U	1.0	0.80	0.31
87-86-5	Pentachlorophenol	2.4	U	5.0	2.4	2.4
85-01-8	Phenanthrene	0.10	U	0.20	0.10	0.10
108-95-2	Phenol	0.80	U	1.0	0.80	0.60
129-00-0	Pyrene	0.10	U	0.20	0.10	0.10
120-82-1	1,2,4-Trichlorobenzene	0.80	U	1.0	0.80	0.28
95-95-4	2,4,5-Trichlorophenol	0.80	U	5.0	0.80	0.30
88-06-2	2,4,6-Trichlorophenol	0.80	U	5.0	0.80	0.80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-68547/18-A

Matrix: Water | Lab File ID: 21217004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3520C | Date Extracted: 12/13/2012 11:21

Sample wt/vol: 1000(mL) | Date Analyzed: 12/17/2012 11:18

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.: 68962 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	77		50-110
367-12-4	2-Fluorophenol (Surr)	68		20-110
4165-60-0	Nitrobenzene-d5 (Surr)	76		40-110
4165-62-2	Phenol-d5 (Surr)	69		10-115
1718-51-0	Terphenyl-d14 (Surr)	84		50-135
118-79-6	2,4,6-Tribromophenol (Surr)	77		40-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217004.D
Lims ID: MB 240-68547/18-A
Client ID:
Inject. Date: 17-Dec-2012 11:18:30
Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015912-004
Misc. Info.: mb 240-68547/18-a
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 4
Lims Batch ID: 68962
Lims Sample ID: 4
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\8270_hp7.m
Last Update: 18-Dec-2012 09:22:49
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: gruberj
Date: 17-Dec-2012 12:51:24

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.794	5.794	0.0	96	178197	4.00	
* 2 Naphthalene-d8	136	6.917	6.918	-0.001	100	655525	4.00	
* 3 Acenaphthene-d10	164	8.415	8.415	0.0	93	377226	4.00	
* 4 Phenanthrene-d10	188	9.667	9.672	-0.005	97	686082	4.00	
* 5 Chrysene-d12	240	12.148	12.148	0.0	94	727525	4.00	
* 6 Perylene-d12	264	14.160	14.160	0.0	98	550836	4.00	
$ 7 2-Fluorophenol	112	4.484	4.484	0.0	93	558681	10.1	
$ 8 Phenol-d5	99	5.441	5.441	0.0	90	727418	10.4	
$ 9 Nitrobenzene-d5	82	6.286	6.292	-0.006	91	437669	7.59	
$ 10 2-Fluorobiphenyl (Surr)	172	7.832	7.832	0.0	99	942052	7.70	
$ 11 2,4,6-Tribromophenol	330	9.078	9.078	0.0	94	180111	11.5	
$ 12 Terphenyl-d14	244	11.004	11.004	0.0	99	1125864	8.36	
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
21 Octachlorostyrene	1		0.000					
13 Bis(2-hydroxyphenyl)methane	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					
16 2,3-Dichlorophenol	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
15 Catechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
24 1,4-Dioxane	88		1.933					9
25 N-Nitrosodimethylamine	74		2.409					
26 Pyridine	79		2.451					9
27 Ethyl methacrylate	69		3.254					9
232 1-Methyl-2-pyrrilidinone	99		3.271					
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54		3.740					
30 2-Picoline	93		3.854					
31 N-Nitrosomethylethylamine	88		4.020					
32 Malononitrile	66		4.163					
33 Acrylamide	71		4.168					
34 Methyl methanesulfonate	80		4.394					9
29 3-Picoline	93		4.448					9
233 n,n'-Dimethylacetamide	44		4.491					
35 N-Nitrosodiethylamine	102		4.828					
36 Ethyl methanesulfonate	79		5.138					
42 Phenylmercaptan	110		5.323					
37 2-Methylcyclohexanone	68		5.346					
38 3-Methylcyclohexanone	69		5.384					
40 Benzaldehyde	77		5.388					
39 4-Methylcyclohexanone	55		5.437					
41 Phenol	94		5.452					9
43 Aniline	93		5.484					9
44 Bis(2-chloroethyl)ether	93		5.543					9
46 2-Chlorophenol	128		5.596					9
45 Pentachloroethane	167		5.608					
47 1,3-Dichlorobenzene	146		5.741					
48 1,4-Dichlorobenzene	146		5.810					
49 Benzyl alcohol	108		5.912					9
53 Indene	115		5.922					9
50 1,2-Dichlorobenzene	146		5.944					
51 2-Methylphenol	108		6.008					9
52 2,2'-oxybis[1-chloropropane]	45		6.035					
191 3 & 4 Methylphenol	108		6.142					
56 N-Nitrosodi-n-propylamine	70		6.147					
57 Acetophenone	105		6.153					
55 N-Nitrosopyrrolidine	100		6.202					
58 N-Nitrosomorpholine	56		6.240					9
60 Hexachloroethane	117		6.249					
59 2-Toluidine	106		6.256					9
61 Nitrobenzene	77		6.308					9
63 Isophorone	82		6.511					9
62 N-Nitrosopiperidine	114		6.512					
65 2-Nitrophenol	139		6.586					
66 1,3,5-Trichlorobenzene	180		6.591					
64 2,4-Dimethylphenol	107		6.607					
69 Benzoic acid	122		6.682					9
68 Bis(2-chloroethoxy)methane	93		6.693					
67 o,o',o''-Triethylphosphorothioat	198		6.732					
71 2,4-Dichlorophenol	162		6.789					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.865					9
72 1,2,4-Trichlorobenzene	180		6.869					
73 Naphthalene	128		6.939					
74 4-Chloroaniline	127		6.976					
77 Hexachlorobutadiene	225		7.035					
79 Benzothiazole	135		7.056					
75 2,6-Dichlorophenol	162		7.058					
78 1,2,3-Trichlorobenzene	180		7.062					
76 Hexachloropropene	213		7.085					
80 Quinoline	129		7.120					
83 Caprolactam	113		7.265					
81 N-Nitrosodi-n-butylamine	84		7.320					
82 p-Phenylene diamine	108		7.347					
84 4-Chloro-3-methylphenol	107		7.377					
93 Safrole, Total	162		7.513					
85 2-Methylnaphthalene	142		7.527					
86 1-Methylnaphthalene	142		7.613					
88 Hexachlorocyclopentadiene	237		7.656					
87 1,2,3,5-Tetrachlorobenzene	216		7.656					
89 1,2,4,5-Tetrachlorobenzene	216		7.743					
225 Isosafrole Peak 1	162		7.759					
90 2,4,6-Trichlorophenol	196		7.763					
91 2,4,5-Trichlorophenol	196		7.795					
97 3,4-Dichloronitrobenzene	109		7.848					9
94 2,4-Toluene diamine	121		7.902					9
99 Phenyl ether	170		7.907					9
96 1,2,3,4 -Tetrachlorobenzene	216		7.912					
95 1,1'-Biphenyl	154		7.918					9
98 2-Chloronaphthalene	162		7.944					
227 Isosafrole Peak 2	162		7.951					19
100 2-Nitroaniline	65		8.019					
103 Dimethyl phthalate	163		8.164					9
101 1,4-Naphthoquinone	158		8.165					
102 1,4-Dinitrobenzene	168		8.208					
105 2,6-Dinitrotoluene	165		8.223					9
106 1,2-Dinitrobenzene	168		8.271					
104 1,3-Dinitrobenzene	168		8.272					
107 Acenaphthylene	152		8.297					
108 3-Nitroaniline	138		8.367					
110 Acenaphthene	153		8.442					
109 2,4-Dinitrophenol	184		8.453					
111 4-Nitrophenol	109		8.490					9
112 2,4-Dinitrotoluene	165		8.560					
114 Dibenzofuran	168		8.586					
113 Pentachlorobenzene	250		8.625					
115 2,3,5,6-Tetrachlorophenol	232		8.645					
116 1-Naphthylamine	143		8.727					
119 Diethyl phthalate	149		8.752					9
117 2,3,4,6-Tetrachlorophenol	232		8.759					
118 2-Naphthylamine	143		8.791					
121 4-Chlorophenyl phenyl ether	204		8.864					
124 Fluorene	166		8.875					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138		8.880					
120 Thionazin	97		8.892					
126 4,6-Dinitro-2-methylphenol	198		8.907					
122 N-Nitro-o-toluidine	152		8.951					9
130 N-Nitrosodiphenylamine	169		8.961					
125 Tributyl phosphate	99		8.983					
131 Azobenzene	77		8.998					
129 1,2-Diphenylhydrazine	77		8.998					
128 Diphenylamine	169		9.032					9
132 Sulfotepp	202		9.139					
133 1,3,5-Trinitrobenzene	213		9.245					
228 Diallate Peak 1	86		9.267					1
137 4-Bromophenyl phenyl ether	248		9.276					
136 Phorate	121		9.278					
135 Phenacetin	108		9.278					
139 Hexachlorobenzene	284		9.340					
230 Diallate Peak 2	86		9.342					1
140 Atrazine	200		9.394					
138 Dimethoate	87		9.422					
141 Pentachlorophenol	266		9.501					
127 4-Aminobiphenyl	169		9.572					
143 Pentachloronitrobenzene	237		9.582					
142 Pronamide	173		9.599					
146 Phenanthrene	178		9.688					9
144 Disulfoton	88		9.711					9
145 Dinoseb	211		9.711					
147 Anthracene	178		9.731					9
149 Carbazole	167		9.859					
152 Diphenylsulfone	125		10.025					
150 Methyl parathion	109		10.032					
151 Di-n-butyl phthalate	149		10.116					
153 Ethyl Parathion	97		10.353					9
154 4-Nitroquinoline-1-oxide	190		10.411					
155 Methapyrilene	58		10.449					
156 Isodrin	66		10.641					
157 Fluoranthene	202		10.694					9
158 Benzidine	184		10.785					9
160 Pyrene	202		10.892					9
164 4,4'-DDE	246		10.950					9
226 Aramite Peak 1	185		11.043					
229 Aramite Peak 2	185		11.112					149
161 p-Dimethylamino azobenzene	225		11.219					
162 Chlorobenzilate	139		11.251					
163 4,4'-DDD	235		11.303					9
166 Butyl benzyl phthalate	149		11.464					9
165 Famphur	218		11.503					
167 3,3'-Dimethylbenzidine	212		11.561					
168 4,4'-DDT	235		11.581					
169 2-Acetylaminofluorene	181		11.845					
174 Hexabromobenzene	232		12.020					
170 3,3'-Dimethoxybenzidine	244		12.047					
172 4,4'-Methylene bis(2-chloroanili	231		12.090					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252		12.090					
171 Bis(2-ethylhexyl) phthalate	149	12.111	12.106	0.005	91	23940	0.3710	
175 Benzo[a]anthracene	228		12.138					9
176 Chrysene	228		12.186					9
177 6-Methylchrysene	242		12.597					
178 Di-n-octyl phthalate	149		12.978					9
180 Benzo[b]fluoranthene	252		13.593					9
181 Benzo[k]fluoranthene	252		13.635					9
179 7,12-Dimethylbenz(a)anthracene	256		13.712					
182 Benzo[a]pyrene	252		14.079					
183 3-Methylcholanthrene	268		14.755					9
184 Dibenz[a,j]acridine	279		15.208					
185 Dibenz[a,h]acridine	279		15.277					
186 Indeno[1,2,3-cd]pyrene	276		15.780					
187 Dibenz(a,h)anthracene	278		15.802					
188 Benzo[g,h,i]perylene	276		16.197					
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		3.050					
T 194 Octadecane (TIC)	254		6.300					1
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

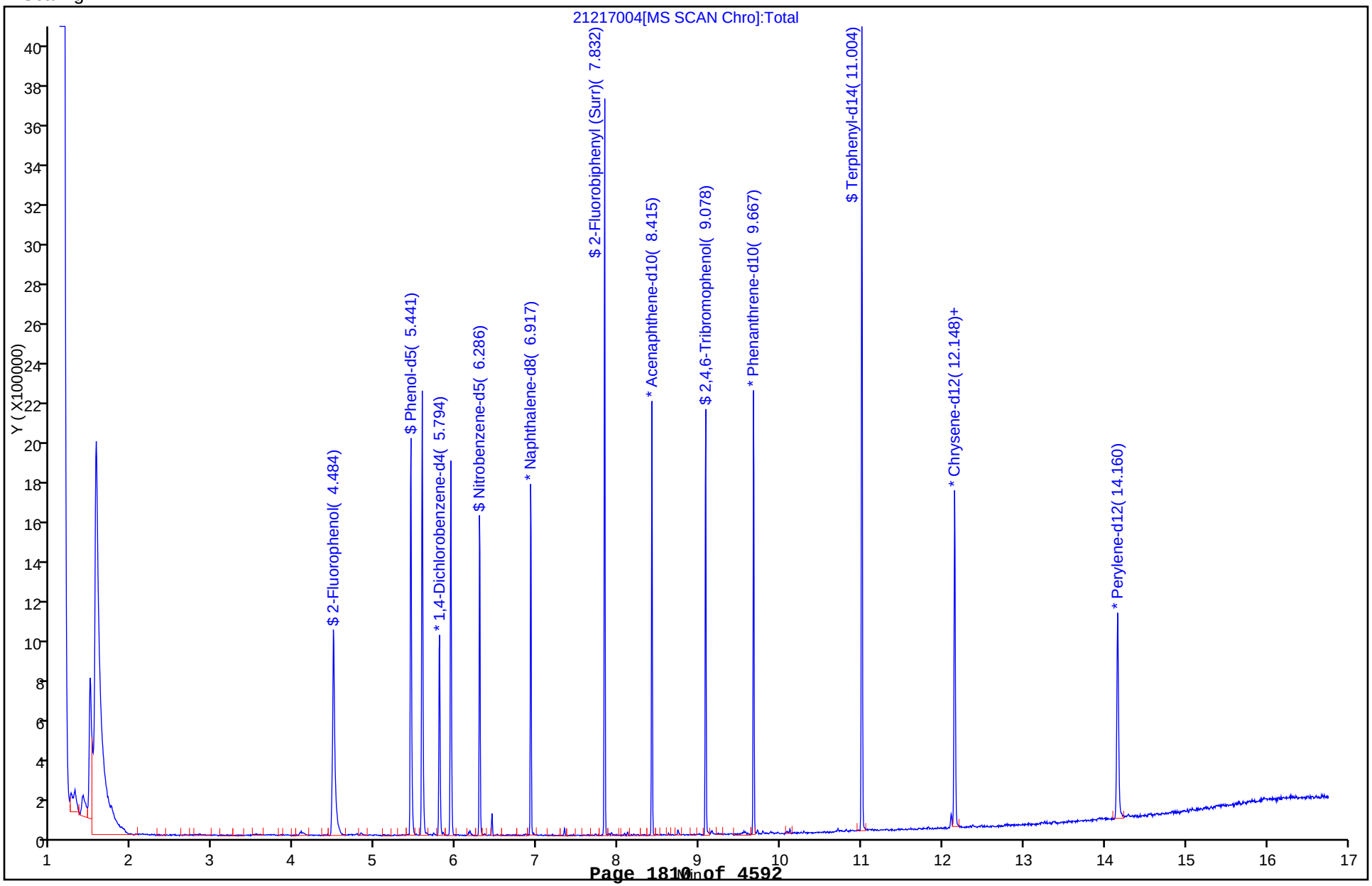
Report Date: 18-Dec-2012 09:22:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217004.D

Injection Date:	17-Dec-2012 11:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	68962	Lims Sample ID:	4
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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69569/23-A

Matrix: Solid | Lab File ID: 21224004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.00(g) | Date Analyzed: 12/24/2012 11:20

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.: 69988 | 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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69569/23-A

Matrix: Solid | Lab File ID: 21224004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.00(g) | Date Analyzed: 12/24/2012 11:20

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.: 69988 | 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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69569/23-A

Matrix: Solid | Lab File ID: 21224004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.00(g) | Date Analyzed: 12/24/2012 11:20

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.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	57		45-105
367-12-4	2-Fluorophenol (Surr)	81		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	64		35-100
4165-62-2	Phenol-d5 (Surr)	78		40-100
1718-51-0	Terphenyl-d14 (Surr)	75		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	71		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224004.D
Lims ID: MB 240-69569/23-A Client ID:
Inject. Date: 24-Dec-2012 11:20:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016149-004
Misc. Info.: MB 240-69569/23-A =MB 240-69569/23-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 69988 Lims Sample ID: 4
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26 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: XAWRK027

First Level Reviewer: ulmanm Date: 24-Dec-2012 12:10:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.986	5.988	-0.002	94	110030	4.00	
* 2 Naphthalene-d8	136	7.097	7.094	0.003	99	436629	4.00	
* 3 Acenaphthene-d10	164	8.593	8.589	0.004	78	257145	4.00	
* 4 Phenanthrene-d10	188	9.854	9.856	-0.002	97	459966	4.00	
* 5 Chrysene-d12	240	12.444	12.446	-0.002	75	422571	4.00	
* 6 Perylene-d12	264	14.555	14.557	-0.002	86	311677	4.00	
$ 7 2-Fluorophenol	112	4.763	4.748	0.014	95	447098	12.1	
$ 8 Phenol-d5	99	5.628	5.625	0.003	0	640934	11.8	
$ 9 Nitrobenzene-d5	82	6.467	6.469	-0.002	85	427680	6.41	
$ 10 2-Fluorobiphenyl (Surr)	172	8.000	8.002	-0.002	99	589559	5.72	
$ 11 2,4,6-Tribromophenol	330	9.255	9.257	-0.002	81	96968	10.7	
$ 12 Terphenyl-d14	244	11.221	11.223	-0.002	98	720653	7.53	
20 Dimethylformamide	1		0.000					
13 Octachlorocyclopentene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88		2.644					
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		3.124					
27 Pyridine	79		3.173					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.771					9
232 1-Methyl-2-pyrrilidinone	99		3.880					
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.118					9
31 2-Picoline	93		4.161					
32 N-Nitrosomethylethylamine	88		4.294					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66		4.444					9
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					9
34 Methyl methanesulfonate	80		4.609					
30 3-Picoline	93		4.668					9
233 n,n'-Dimethylacetamide	44		4.684					
15 3-Methylcatechol	124		4.913					9
36 N-Nitrosodiethylamine	102		5.010					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.288					9
38 2-Methylcyclohexanone	68		5.501					
39 3-Methylcyclohexanone	69		5.539					
40 4-Methylcyclohexanone	55		5.587					
41 Benzaldehyde	77		5.598					9
43 Phenol	94		5.635					9
44 Aniline	93		5.689					9
96 3,4-Dichloronitrobenzene	109		5.725					
69 Bis(2-chloroethyl)ether	93		5.737					9
45 Pentachloroethane	167		5.752					
101 Phenyl ether	170		5.773					
46 2-Chlorophenol	128		5.796					9
47 1,3-Dichlorobenzene	146		5.940					
48 1,4-Dichlorobenzene	146		6.004					
49 Benzyl alcohol	108		6.095					9
50 1,2-Dichlorobenzene	146		6.137					
51 2-Methylphenol	108		6.180					9
53 2,2'-oxybis[1-chloropropane]	45		6.212					
21 3 & 4 Methylphenol	108		6.308					
56 N-Nitrosopyrrolidine	100		6.324					
57 N-Nitrosodi-n-propylamine	70		6.324					
58 Acetophenone	105		6.330					9
59 N-Nitrosomorpholine	56		6.356					
60 2-Toluidine	106		6.378					
61 Hexachloroethane	117		6.437					
62 Nitrobenzene	77		6.485					9
63 N-Nitrosopiperidine	114		6.629					
64 Isophorone	82		6.688					9
66 2-Nitrophenol	139		6.762					
65 2,4-Dimethylphenol	107		6.773					
67 1,3,5-Trichlorobenzene	180		6.773					
71 Benzoic acid	122	6.782	6.827	-0.045	67	3283	0.9838	
68 o,o',o''-Triethylphosphorothioat	198		6.848					
70 Bis(2-chloroethoxy)methane	93		6.859					
73 2,4-Dichlorophenol	162		6.960					
72 alpha,alpha-Dimethyl phenethylam	58		6.971					9
74 1,2,4-Trichlorobenzene	180		7.040					
75 Naphthalene	128		7.115					
76 4-Chloroaniline	127		7.147					
77 2,6-Dichlorophenol	162		7.168					
78 Hexachloropropene	213		7.200					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225		7.211					
80 1,2,3-Trichlorobenzene	180		7.238					
83 N-Nitrosodi-n-butylamine	84		7.430					
84 Caprolactam	113		7.430					9
85 p-Phenylene diamine	108		7.457					
86 4-Chloro-3-methylphenol	107		7.532					
153 Diphenylsulfone	125		7.616					
94 Safrole, Total	162		7.628					
87 2-Methylnaphthalene	142		7.703					
88 1-Methylnaphthalene	142		7.788					
89 Hexachlorocyclopentadiene	237		7.831					
90 1,2,3,5-Tetrachlorobenzene	216		7.831					
91 1,2,4,5-Tetrachlorobenzene	216		7.857					
225 Isosafrole Peak 1	162		7.873					
92 2,4,6-Trichlorophenol	196		7.927					
93 2,4,5-Trichlorophenol	196		7.959					
227 Isosafrole Peak 2	162		8.066					
97 2,4-Toluene diamine	121		8.071					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.087					
98 1,1'-Biphenyl	154		8.093					
100 2-Chloronaphthalene	162		8.119					
102 2-Nitroaniline	65		8.189					
103 1,4-Naphthoquinone	158		8.274					
104 1,4-Dinitrobenzene	168		8.317					
105 Dimethyl phthalate	163		8.328					
106 1,3-Dinitrobenzene	168		8.375					
107 2,6-Dinitrotoluene	165		8.386					
108 1,2-Dinitrobenzene	168		8.440					
109 Acenaphthylene	152		8.472					
110 3-Nitroaniline	138		8.536					
112 Acenaphthene	153		8.622					
111 2,4-Dinitrophenol	184		8.622					
113 4-Nitrophenol	109		8.643					
114 2,4-Dinitrotoluene	165		8.728					
115 Pentachlorobenzene	250		8.744					
116 Dibenzofuran	168		8.766					
118 2,3,5,6-Tetrachlorophenol	232		8.819					
117 1-Naphthylamine	143		8.840					
119 2,3,4,6-Tetrachlorophenol	232		8.872					
120 2-Naphthylamine	143		8.910					
121 Diethyl phthalate	149		8.921					9
122 Thionazin	97		9.011					
123 4-Chlorophenyl phenyl ether	204		9.038					
125 4-Nitroaniline	138		9.049					
126 Fluorene	166		9.054					
124 N-Nitro-o-toluidine	152		9.065					
128 4,6-Dinitro-2-methylphenol	198		9.076					
127 Tributyl phosphate	99		9.102					
131 N-Nitrosodiphenylamine	169		9.134					
130 Diphenylamine	169		9.150					
132 1,2-Diphenylhydrazine	77		9.172					9
133 Azobenzene	77		9.172					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
176 Hexabromobenzene	232		9.208					
134 Sulfotepp	202		9.262					
135 1,3,5-Trinitrobenzene	213		9.348					
228 Diallate Peak 1	86		9.385					
137 Phenacetin	108		9.390					9
138 Phorate	121		9.396					
139 4-Bromophenyl phenyl ether	248		9.455					
230 Diallate Peak 2	86		9.465					9
141 Hexachlorobenzene	284		9.519					
140 Dimethoate	87		9.545					
142 Atrazine	200		9.567					
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.679					
129 4-Aminobiphenyl	169		9.690					
145 Pentachloronitrobenzene	237		9.706					
144 Pronamide	173		9.716					
147 Dinoseb	211		9.829					
146 Disulfoton	88		9.839					9
148 Phenanthrene	178		9.877					9
149 Anthracene	178		9.920					9
151 Carbazole	167		10.043					
152 Methyl parathion	109		10.160					
154 Di-n-butyl phthalate	149		10.299					9
155 Ethyl Parathion	97		10.480					9
156 4-Nitroquinoline-1-oxide	190		10.539					
157 Methapyrilene	58		10.582					
158 Isodrin	66		10.779					9
159 Fluoranthene	202		10.892					
160 Benzidine	184		10.988					
161 Pyrene	202		11.106					
166 4,4'-DDE	246		11.164					9
226 Aramite Peak 1	185		11.196					9
229 Aramite Peak 2	185		11.271					9
163 p-Dimethylamino azobenzene	225		11.378					
164 Chlorobenzilate	139		11.415					
165 4,4'-DDD	235		11.538					
167 Famphur	218		11.682					
168 Butyl benzyl phthalate	149		11.709					
187 Dibenz[a,h]acridine	279		11.729					
169 3,3'-Dimethylbenzidine	212		11.736					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.837					
171 2-Acetylaminofluorene	181		12.030					
172 3,3'-Dimethoxybenzidine	244		12.329					
175 3,3'-Dichlorobenzidine	252		12.372					
174 4,4'-Methylene bis(2-chloroanili	231		12.377					9
173 Bis(2-ethylhexyl) phthalate	149		12.393					9
177 Benzo[a]anthracene	228		12.430					9
178 Chrysene	228		12.479					9
180 Di-n-octyl phthalate	149		13.323					
182 Benzo[b]fluoranthene	252		13.964					
181 7,12-Dimethylbenz(a)anthracene	256		13.985					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252		14.006					
184 Benzo[a]pyrene	252		14.471					9
185 3-Methylcholanthrene	268		15.053					
188 Indeno[1,2,3-cd]pyrene	276		16.250					
189 Dibenz(a,h)anthracene	278		16.282					
190 Benzo[g,h,i]perylene	276		16.726					
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 236 3-isopropylphenol TIC	121		7.173					1
T 235 4-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 231 2,3,7,8-TCDD	322		9.150					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

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

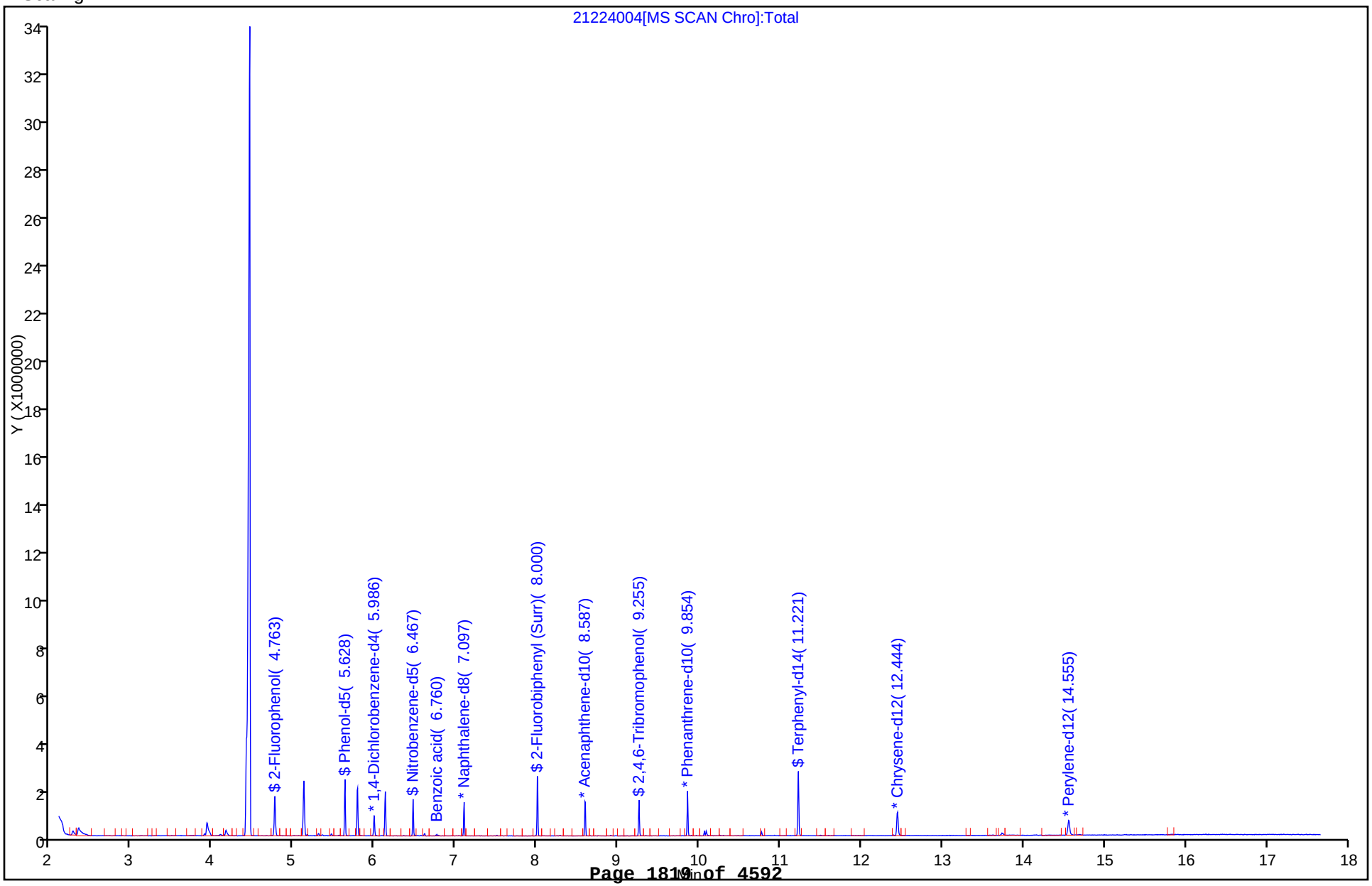
Report Date: 25-Dec-2012 12:56:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224004.D

Injection Date:	24-Dec-2012 11:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	4
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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69614/23-A

Matrix: Solid | Lab File ID: 21231009.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/20/2012 12:23

Sample wt/vol: 30.00(g) | Date Analyzed: 12/31/2012 12:16

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.: 70697 | 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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69614/23-A

Matrix: Solid | Lab File ID: 21231009.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/20/2012 12:23

Sample wt/vol: 30.00(g) | Date Analyzed: 12/31/2012 12:16

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.: 70697 | 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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69614/23-A

Matrix: Solid | Lab File ID: 21231009.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/20/2012 12:23

Sample wt/vol: 30.00(g) | Date Analyzed: 12/31/2012 12:16

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.: 70697 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	47		45-105
367-12-4	2-Fluorophenol (Surr)	63		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)	57		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	52		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231009.D
Lims ID: MB 240-69614/23-A
Client ID:
Inject. Date: 31-Dec-2012 12:16:30
Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016305-009
Misc. Info.: MB 240-69614/23-A
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 9
Lims Batch ID: 70697
Lims Sample ID: 9
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\8270_hp7.m
Last Update: 02-Jan-2013 12:44:45
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: XAWRK026

First Level Reviewer: gruberj
Date: 31-Dec-2012 12:49:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.815	5.816	-0.001	97	231028	4.00	
* 2 Naphthalene-d8	136	6.933	6.933	0.0	100	921564	4.00	
* 3 Acenaphthene-d10	164	8.426	8.426	0.0	92	562092	4.00	
* 4 Phenanthrene-d10	188	9.677	9.677	0.0	97	891868	4.00	
* 5 Chrysene-d12	240	12.170	12.170	0.0	98	925318	4.00	
* 6 Perylene-d12	264	14.186	14.186	0.0	96	749253	4.00	
$ 7 2-Fluorophenol	112	4.553	4.543	0.010	95	668055	9.43	
$ 8 Phenol-d5	99	5.462	5.457	0.005	91	903767	9.58	
$ 9 Nitrobenzene-d5	82	6.302	6.302	0.0	95	505693	4.98	
$ 10 2-Fluorobiphenyl (Surr)	172	7.843	7.843	0.0	100	956716	4.75	
$ 11 2,4,6-Tribromophenol	330	9.089	9.089	0.0	94	148743	7.87	
$ 12 Terphenyl-d14	244	11.014	11.015	-0.001	99	1072577	5.67	
21 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
14 4-Methylcatechol	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					
22 3-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
15 Catechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
24 1,4-Dioxane	88		2.254					9
25 N-Nitrosodimethylamine	74		2.697					
26 Pyridine	79		2.746					
232 1-Methyl-2-pyrrilidinone	99	3.286	3.271	0.015	0	196	0	
27 Ethyl methacrylate	69		3.446					
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54		3.858					
30 2-Picoline	93		3.913					
31 N-Nitrosomethylethylamine	88		4.053					
32 Malononitrile	66		4.233					9
33 Acrylamide	71	4.350	4.345	0.005	1	179	0	
34 Methyl methanesulfonate	80		4.400					9
29 3-Picoline	93		4.459					
233 n,n'-Dimethylacetamide	44	4.462	4.486	-0.024	0	642	0	
35 N-Nitrosodiethylamine	102		4.817					
36 Ethyl methanesulfonate	79		5.112					9
37 2-Methylcyclohexanone	68	5.323	5.320	0.003	1	199	0	
38 3-Methylcyclohexanone	69	5.339	5.358	-0.019	1	410	0	
39 4-Methylcyclohexanone	55	5.462	5.406	0.056	36	6030	0	
40 Benzaldehyde	77		5.415					
42 Phenylmercaptan	110		5.457					
41 Phenol	94		5.473					9
43 Aniline	93		5.511					9
44 Bis(2-chloroethyl)ether	93		5.570					9
45 Pentachloroethane	167		5.577					
46 2-Chlorophenol	128		5.618					9
47 1,3-Dichlorobenzene	146		5.762					
48 1,4-Dichlorobenzene	146		5.832					
49 Benzyl alcohol	108		5.928					9
50 1,2-Dichlorobenzene	146		5.965					
51 2-Methylphenol	108		6.019					9
53 Indene	115		6.046					9
52 2,2'-oxybis[1-chloropropane]	45		6.051					9
191 3 & 4 Methylphenol	108		6.153					
55 N-Nitrosopyrrolidine	100		6.160					
56 N-Nitrosodi-n-propylamine	70		6.163					9
57 Acetophenone	105		6.169					9
58 N-Nitrosomorpholine	56		6.197					
59 2-Toluidine	106		6.213					9
60 Hexachloroethane	117		6.270					
61 Nitrobenzene	77		6.324					9
62 N-Nitrosopiperidine	114		6.465					
63 Isophorone	82		6.527					9
65 2-Nitrophenol	139		6.602					
66 1,3,5-Trichlorobenzene	180		6.607					
64 2,4-Dimethylphenol	107		6.618					
69 Benzoic acid	122		6.682					
67 o,o',o''-Triethylphosphorothioat	198		6.689					
68 Bis(2-chloroethoxy)methane	93		6.704					
70 alpha,alpha-Dimethyl phenethylam	58		6.791					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.805					
72 1,2,4-Trichlorobenzene	180		6.880					
73 Naphthalene	128		6.955					9
74 4-Chloroaniline	127		6.987					
75 2,6-Dichlorophenol	162		7.010					
76 Hexachloropropene	213		7.042					9
77 Hexachlorobutadiene	225		7.051					
78 1,2,3-Trichlorobenzene	180		7.073					
79 Benzothiazole	135		7.169					9
80 Quinoline	129		7.233					9
83 Caprolactam	113		7.271					
81 N-Nitrosodi-n-butylamine	84		7.272					
82 p-Phenylene diamine	108		7.299					
84 4-Chloro-3-methylphenol	107		7.383					
93 Safrole, Total	162		7.465					
85 2-Methylnaphthalene	142		7.538					
86 1-Methylnaphthalene	142		7.624					
87 1,2,3,5-Tetrachlorobenzene	216		7.672					
88 Hexachlorocyclopentadiene	237		7.672					
89 1,2,4,5-Tetrachlorobenzene	216		7.690					
225 Isosafrole Peak 1	162		7.711					
90 2,4,6-Trichlorophenol	196		7.768					
91 2,4,5-Trichlorophenol	196		7.800					
227 Isosafrole Peak 2	162		7.904					
94 2,4-Toluene diamine	121		7.912					9
96 1,2,3,4 -Tetrachlorobenzene	216		7.923					
95 1,1'-Biphenyl	154		7.934					
98 2-Chloronaphthalene	162		7.955					
97 3,4-Dichloronitrobenzene	109		7.960					
99 Phenyl ether	170		8.019					
100 2-Nitroaniline	65		8.030					
101 1,4-Naphthoquinone	158		8.112					
104 1,3-Dinitrobenzene	168		8.155					
103 Dimethyl phthalate	163		8.169					9
102 1,4-Dinitrobenzene	168		8.214					
105 2,6-Dinitrotoluene	165		8.228					
106 1,2-Dinitrobenzene	168		8.276					
107 Acenaphthylene	152		8.308					
108 3-Nitroaniline	138		8.372					
110 Acenaphthene	153		8.453					
109 2,4-Dinitrophenol	184		8.458					
111 4-Nitrophenol	109		8.490					9
112 2,4-Dinitrotoluene	165		8.565					
113 Pentachlorobenzene	250		8.572					
114 Dibenzofuran	168		8.597					
115 2,3,5,6-Tetrachlorophenol	232		8.656					
116 1-Naphthylamine	143		8.668					
117 2,3,4,6-Tetrachlorophenol	232		8.701					
118 2-Naphthylamine	143		8.738					
119 Diethyl phthalate	149		8.757					9
120 Thionazin	97		8.840					
121 4-Chlorophenyl phenyl ether	204		8.875					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166		8.886					
123 4-Nitroaniline	138		8.886					
122 N-Nitro-o-toluidine	152		8.893					9
126 4,6-Dinitro-2-methylphenol	198		8.913					
125 Tributyl phosphate	99		8.936					
130 N-Nitrosodiphenylamine	169		8.966					
128 Diphenylamine	169		8.979					
131 Azobenzene	77		9.009					
129 1,2-Diphenylhydrazine	77		9.009					
132 Sulfotepp	202		9.091					
133 1,3,5-Trinitrobenzene	213		9.182					
228 Diallate Peak 1	86		9.214					1
135 Phenacetin	108		9.219					
136 Phorate	121		9.225					
137 4-Bromophenyl phenyl ether	248		9.287					
230 Diallate Peak 2	86		9.294					14
139 Hexachlorobenzene	284		9.351					
138 Dimethoate	87		9.369					
140 Atrazine	200		9.399					
141 Pentachlorophenol	266		9.506					
127 4-Aminobiphenyl	169		9.514					
143 Pentachloronitrobenzene	237		9.530					
142 Pronamide	173		9.546					
145 Dinoseb	211		9.653					
144 Disulfoton	88		9.658					9
146 Phenanthrene	178		9.699					9
147 Anthracene	178		9.742					9
149 Carbazole	167		9.865					
150 Methyl parathion	109		9.979					
151 Di-n-butyl phthalate	149		10.127					
152 Diphenylsulfone	125		10.143					
153 Ethyl Parathion	97		10.300					9
154 4-Nitroquinoline-1-oxide	190		10.353					
155 Methapyrilene	58		10.396					9
156 Isodrin	66		10.583					
157 Fluoranthene	202		10.699					
158 Benzidine	184		10.795					
160 Pyrene	202		10.902					9
164 4,4'-DDE	246		10.956					9
226 Aramite Peak 1	185		10.984					29
229 Aramite Peak 2	185		11.054					29
161 p-Dimethylamino azobenzene	225		11.156					
162 Chlorobenzilate	139		11.188					9
163 4,4'-DDD	235		11.319					9
165 Famphur	218		11.439					
166 Butyl benzyl phthalate	149		11.480					9
167 3,3'-Dimethylbenzidine	212		11.492					
168 4,4'-DDT	235		11.597					
169 2-Acetylaminofluorene	181		11.771					
170 3,3'-Dimethoxybenzidine	244		12.068					
173 3,3'-Dichlorobenzidine	252		12.106					
172 4,4'-Methylene bis(2-chloroanili	231		12.111					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
171 Bis(2-ethylhexyl) phthalate	149	12.132	12.127	0.005	87	13886	0.2249	
175 Benzo[a]anthracene	228		12.159					9
174 Hexabromobenzene	232		12.191					
176 Chrysene	228		12.202					9
177 6-Methylchrysene	242		12.785					
178 Di-n-octyl phthalate	149		13.010					9
179 7,12-Dimethylbenz(a)anthracene	256		13.611					
180 Benzo[b]fluoranthene	252		13.619					
181 Benzo[k]fluoranthene	252		13.657					
182 Benzo[a]pyrene	252		14.106					9
183 3-Methylcholanthrene	268		14.637					
184 Dibenz[a,j]acridine	279		15.454					
185 Dibenz[a,h]acridine	279		15.523					
186 Indeno[1,2,3-cd]pyrene	276		15.802					
187 Dibenz(a,h)anthracene	278		15.828					
188 Benzo[g,h,i]perylene	276		16.224					
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	3.056	3.050	0.006	1	249	0	
T 194 Octadecane (TIC)	254		6.300					1
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					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

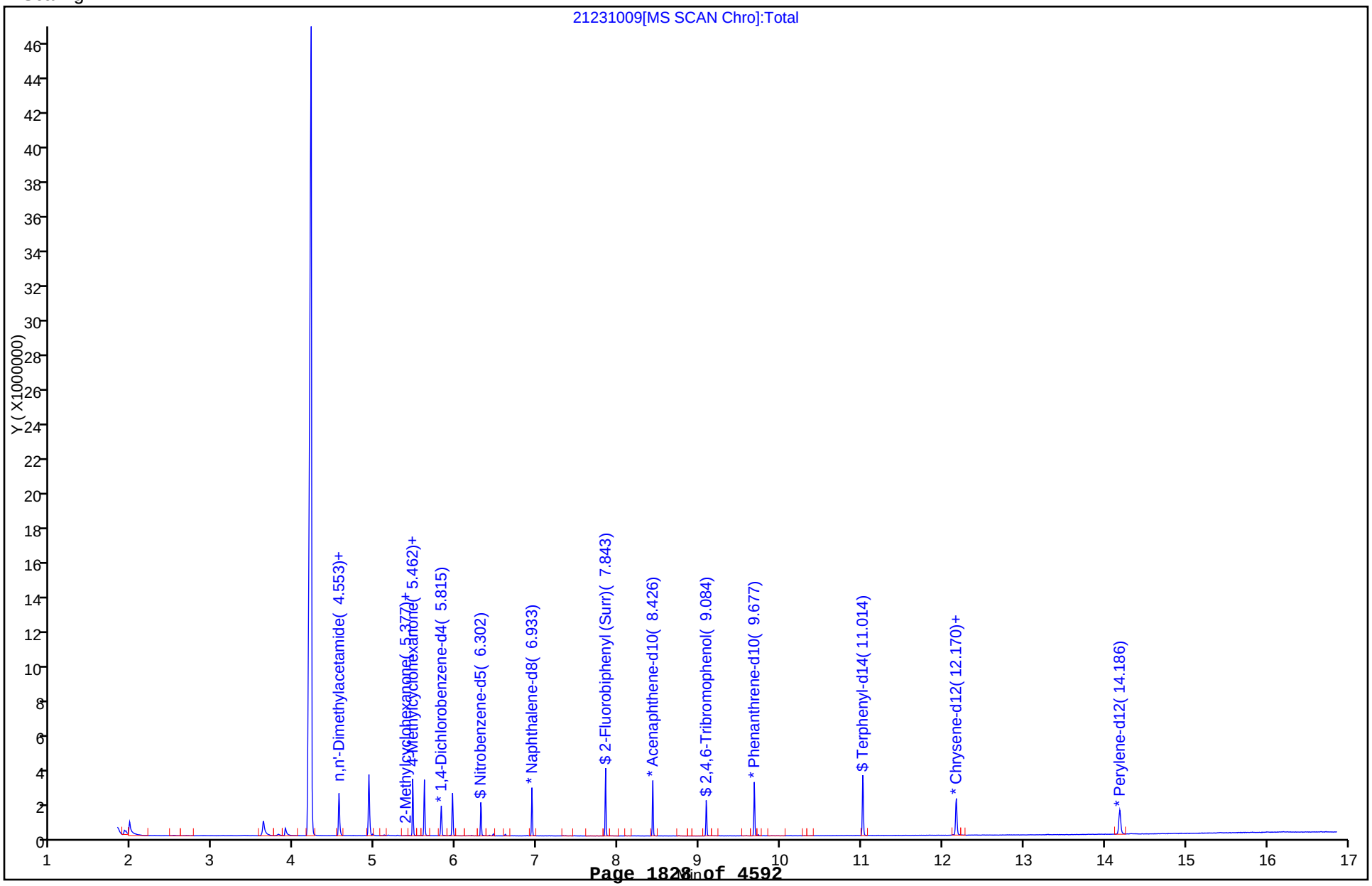
Report Date: 02-Jan-2013 12:45:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231009.D

Injection Date:	31-Dec-2012 12:16:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70697	Lims Sample ID:	9
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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69993/23-A

Matrix: Solid | Lab File ID: 21231007.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/24/2012 09:50

Sample wt/vol: 30.00(g) | Date Analyzed: 12/31/2012 11:30

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.: 70697 | 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	45.6	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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69993/23-A

Matrix: Solid | Lab File ID: 21231007.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/24/2012 09:50

Sample wt/vol: 30.00(g) | Date Analyzed: 12/31/2012 11:30

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.: 70697 | 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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69993/23-A

Matrix: Solid | Lab File ID: 21231007.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/24/2012 09:50

Sample wt/vol: 30.00(g) | Date Analyzed: 12/31/2012 11:30

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.: 70697 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	59		45-105
367-12-4	2-Fluorophenol (Surr)	73		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	61		35-100
4165-62-2	Phenol-d5 (Surr)	74		40-100
1718-51-0	Terphenyl-d14 (Surr)	72		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	61		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231007.D
Lims ID: MB 240-69993/23-A
Client ID:
Inject. Date: 31-Dec-2012 11:30:30
Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016305-007
Misc. Info.: MB 240-69993/23-A
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 7
Lims Batch ID: 70697
Lims Sample ID: 7
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\8270_hp7.m
Last Update: 02-Jan-2013 12:44:45
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: XAWRK026

First Level Reviewer: gruberj
Date: 31-Dec-2012 12:48:13

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.816	5.816	0.0	97	203441	4.00	
* 2 Naphthalene-d8	136	6.933	6.933	0.0	99	794427	4.00	
* 3 Acenaphthene-d10	164	8.426	8.426	0.0	93	461186	4.00	
* 4 Phenanthrene-d10	188	9.677	9.677	0.0	98	747268	4.00	
* 5 Chrysene-d12	240	12.170	12.170	0.0	97	772808	4.00	
* 6 Perylene-d12	264	14.186	14.186	0.0	95	614736	4.00	
$ 7 2-Fluorophenol	112	4.553	4.543	0.010	93	680605	10.9	
$ 8 Phenol-d5	99	5.462	5.457	0.005	91	916612	11.0	
$ 9 Nitrobenzene-d5	82	6.302	6.302	0.0	93	530469	6.06	
$ 10 2-Fluorobiphenyl (Surr)	172	7.843	7.843	0.0	99	981956	5.94	
$ 11 2,4,6-Tribromophenol	330	9.089	9.089	0.0	93	141782	9.14	
$ 12 Terphenyl-d14	244	11.014	11.015	-0.001	98	1145351	7.24	
21 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
14 4-Methylcatechol	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					
22 3-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
15 Catechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
24 1,4-Dioxane	88		2.254					9
25 N-Nitrosodimethylamine	74		2.697					
26 Pyridine	79		2.746					9
232 1-Methyl-2-pyrrilidinone	99		3.271					1
27 Ethyl methacrylate	69		3.446					
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54		3.858					
30 2-Picoline	93		3.913					9
31 N-Nitrosomethylethylamine	88		4.053					9
32 Malononitrile	66		4.233					9
33 Acrylamide	71	4.329	4.345	-0.016	11	390	0	
34 Methyl methanesulfonate	80		4.400					
29 3-Picoline	93		4.459					
233 n,n'-Dimethylacetamide	44	4.478	4.486	-0.008	0	1029	0	
35 N-Nitrosodiethylamine	102		4.817					
36 Ethyl methanesulfonate	79		5.112					9
37 2-Methylcyclohexanone	68	5.318	5.320	-0.002	1	337	0	
38 3-Methylcyclohexanone	69	5.361	5.358	0.003	1	435	0	
39 4-Methylcyclohexanone	55	5.388	5.406	-0.018	1	3104	0	
40 Benzaldehyde	77		5.415					9
42 Phenylmercaptan	110		5.457					
41 Phenol	94		5.473					9
43 Aniline	93		5.511					9
44 Bis(2-chloroethyl)ether	93		5.570					9
45 Pentachloroethane	167		5.577					
46 2-Chlorophenol	128		5.618					9
47 1,3-Dichlorobenzene	146		5.762					9
48 1,4-Dichlorobenzene	146		5.832					9
49 Benzyl alcohol	108		5.928					9
50 1,2-Dichlorobenzene	146		5.965					
51 2-Methylphenol	108		6.019					9
53 Indene	115		6.046					9
52 2,2'-oxybis[1-chloropropane]	45		6.051					
191 3 & 4 Methylphenol	108		6.153					
55 N-Nitrosopyrrolidine	100		6.160					
56 N-Nitrosodi-n-propylamine	70		6.163					9
57 Acetophenone	105		6.169					
58 N-Nitrosomorpholine	56		6.197					9
59 2-Toluidine	106		6.213					9
60 Hexachloroethane	117		6.270					
61 Nitrobenzene	77		6.324					
62 N-Nitrosopiperidine	114		6.465					
63 Isophorone	82		6.527					
65 2-Nitrophenol	139		6.602					
66 1,3,5-Trichlorobenzene	180		6.607					
64 2,4-Dimethylphenol	107		6.618					
69 Benzoic acid	122		6.682					9
67 o,o',o''-Triethylphosphorothioat	198		6.689					
68 Bis(2-chloroethoxy)methane	93		6.704					
70 alpha,alpha-Dimethyl phenethylam	58		6.791					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.805					
72 1,2,4-Trichlorobenzene	180		6.880					
73 Naphthalene	128		6.955					
74 4-Chloroaniline	127		6.987					
75 2,6-Dichlorophenol	162		7.010					
76 Hexachloropropene	213		7.042					
77 Hexachlorobutadiene	225		7.051					
78 1,2,3-Trichlorobenzene	180		7.073					
79 Benzothiazole	135		7.169					9
80 Quinoline	129		7.233					9
83 Caprolactam	113		7.271					9
81 N-Nitrosodi-n-butylamine	84		7.272					9
82 p-Phenylene diamine	108		7.299					
84 4-Chloro-3-methylphenol	107		7.383					
93 Safrole, Total	162		7.465					
85 2-Methylnaphthalene	142		7.538					
86 1-Methylnaphthalene	142		7.624					
87 1,2,3,5-Tetrachlorobenzene	216		7.672					
88 Hexachlorocyclopentadiene	237		7.672					
89 1,2,4,5-Tetrachlorobenzene	216		7.690					
225 Isosafrole Peak 1	162		7.711					
90 2,4,6-Trichlorophenol	196		7.768					
91 2,4,5-Trichlorophenol	196		7.800					
227 Isosafrole Peak 2	162		7.904					19
94 2,4-Toluene diamine	121		7.912					9
96 1,2,3,4 -Tetrachlorobenzene	216		7.923					9
95 1,1'-Biphenyl	154		7.934					
98 2-Chloronaphthalene	162		7.955					
97 3,4-Dichloronitrobenzene	109		7.960					9
99 Phenyl ether	170		8.019					
100 2-Nitroaniline	65		8.030					9
101 1,4-Naphthoquinone	158		8.112					
104 1,3-Dinitrobenzene	168		8.155					
103 Dimethyl phthalate	163		8.169					
102 1,4-Dinitrobenzene	168		8.214					
105 2,6-Dinitrotoluene	165		8.228					9
106 1,2-Dinitrobenzene	168		8.276					
107 Acenaphthylene	152		8.308					9
108 3-Nitroaniline	138		8.372					
110 Acenaphthene	153		8.453					
109 2,4-Dinitrophenol	184		8.458					
111 4-Nitrophenol	109		8.490					9
112 2,4-Dinitrotoluene	165		8.565					
113 Pentachlorobenzene	250		8.572					
114 Dibenzofuran	168		8.597					
115 2,3,5,6-Tetrachlorophenol	232		8.656					
116 1-Naphthylamine	143		8.668					
117 2,3,4,6-Tetrachlorophenol	232		8.701					
118 2-Naphthylamine	143		8.738					
119 Diethyl phthalate	149		8.757					
120 Thionazin	97		8.840					9
121 4-Chlorophenyl phenyl ether	204		8.875					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166		8.886					
123 4-Nitroaniline	138		8.886					
122 N-Nitro-o-toluidine	152		8.893					9
126 4,6-Dinitro-2-methylphenol	198		8.913					
125 Tributyl phosphate	99		8.936					
130 N-Nitrosodiphenylamine	169		8.966					
128 Diphenylamine	169		8.979					
131 Azobenzene	77		9.009					
129 1,2-Diphenylhydrazine	77		9.009					
132 Sulfotepp	202		9.091					
133 1,3,5-Trinitrobenzene	213		9.182					
228 Diallate Peak 1	86		9.214					
135 Phenacetin	108		9.219					
136 Phorate	121		9.225					
137 4-Bromophenyl phenyl ether	248		9.287					
230 Diallate Peak 2	86		9.294					
139 Hexachlorobenzene	284		9.351					
138 Dimethoate	87		9.369					
140 Atrazine	200		9.399					
141 Pentachlorophenol	266		9.506					
127 4-Aminobiphenyl	169		9.514					
143 Pentachloronitrobenzene	237		9.530					
142 Pronamide	173		9.546					
145 Dinoseb	211		9.653					
144 Disulfoton	88		9.658					9
146 Phenanthrene	178		9.699					9
147 Anthracene	178		9.742					9
149 Carbazole	167		9.865					
150 Methyl parathion	109		9.979					
151 Di-n-butyl phthalate	149		10.127					
152 Diphenylsulfone	125		10.143					
153 Ethyl Parathion	97		10.300					9
154 4-Nitroquinoline-1-oxide	190		10.353					
155 Methapyrilene	58		10.396					
156 Isodrin	66		10.583					9
157 Fluoranthene	202		10.699					9
158 Benzidine	184		10.795					
160 Pyrene	202		10.902					
164 4,4'-DDE	246		10.956					
226 Aramite Peak 1	185		10.984					
229 Aramite Peak 2	185		11.054					
161 p-Dimethylamino azobenzene	225		11.156					
162 Chlorobenzilate	139		11.188					
163 4,4'-DDD	235		11.319					9
165 Famphur	218		11.439					
166 Butyl benzyl phthalate	149		11.480					9
167 3,3'-Dimethylbenzidine	212		11.492					
168 4,4'-DDT	235		11.597					
169 2-Acetylaminofluorene	181		11.771					
170 3,3'-Dimethoxybenzidine	244		12.068					
173 3,3'-Dichlorobenzidine	252		12.106					
172 4,4'-Methylene bis(2-chloroanili	231		12.111					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
171 Bis(2-ethylhexyl) phthalate	149	12.132	12.127	0.005	96	71871	0.6842	
175 Benzo[a]anthracene	228		12.159					9
174 Hexabromobenzene	232		12.191					
176 Chrysene	228		12.202					9
177 6-Methylchrysene	242		12.785					
178 Di-n-octyl phthalate	149		13.010					9
179 7,12-Dimethylbenz(a)anthracene	256		13.611					
180 Benzo[b]fluoranthene	252		13.619					9
181 Benzo[k]fluoranthene	252		13.657					9
182 Benzo[a]pyrene	252		14.106					
183 3-Methylcholanthrene	268		14.637					9
184 Dibenz[a,j]acridine	279		15.454					
185 Dibenz[a,h]acridine	279		15.523					
186 Indeno[1,2,3-cd]pyrene	276		15.802					
187 Dibenz(a,h)anthracene	278		15.828					
188 Benzo[g,h,i]perylene	276		16.224					
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	3.088	3.050	0.038	23	68	0	
T 194 Octadecane (TIC)	254	6.308	6.300	0.008	19	137	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

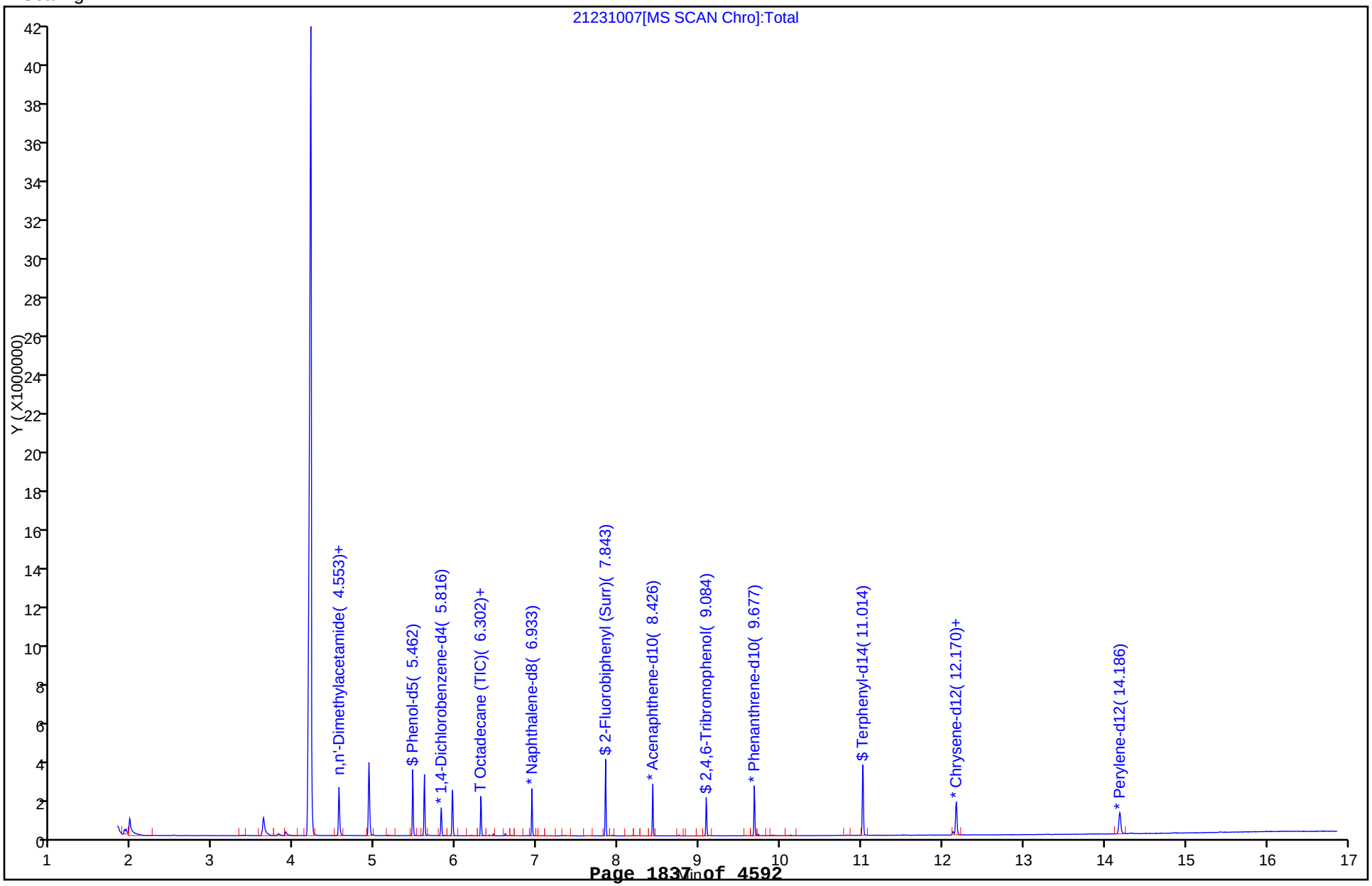
Report Date: 02-Jan-2013 12:45:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231007.D

Injection Date:	31-Dec-2012 11:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70697	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



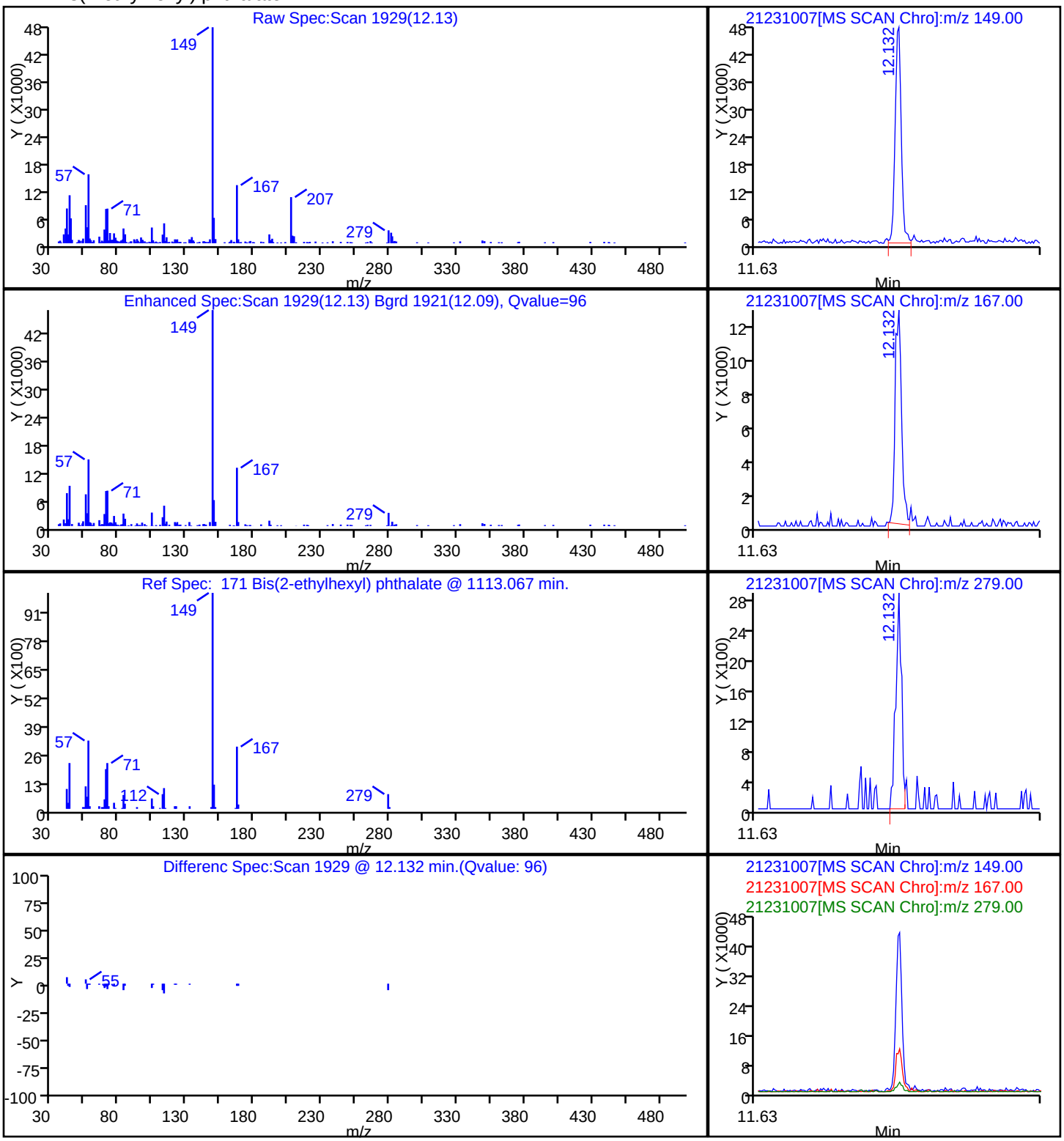
Report Date: 02-Jan-2013 12:45:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231007.D

Injection Date:	31-Dec-2012 11:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70697	Lims Sample ID:	7
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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-68547/19-A

Matrix: Water | Lab File ID: 21217005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3520C | Date Extracted: 12/13/2012 11:21

Sample wt/vol: 1000(mL) | Date Analyzed: 12/17/2012 11:41

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.: 68962 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	15.4		0.20	0.10	0.10
208-96-8	Acenaphthylene	15.4		0.20	0.10	0.10
120-12-7	Anthracene	15.8		0.20	0.10	0.10
56-55-3	Benzo[a]anthracene	15.8		0.20	0.10	0.10
50-32-8	Benzo[a]pyrene	14.0		0.20	0.10	0.10
205-99-2	Benzo[b]fluoranthene	16.9		0.20	0.10	0.10
191-24-2	Benzo[g,h,i]perylene	18.3		0.20	0.10	0.10
65-85-0	Benzoic acid	10	U	25	10	10
207-08-9	Benzo[k]fluoranthene	16.7		0.20	0.10	0.10
100-51-6	Benzyl alcohol	16.0		5.0	0.80	0.38
111-91-1	Bis(2-chloroethoxy)methane	14.7		1.0	0.80	0.32
111-44-4	Bis(2-chloroethyl)ether	15.3		1.0	0.10	0.10
108-60-1	bis (2-chloroisopropyl) ether	14.1		1.0	0.80	0.40
117-81-7	Bis(2-ethylhexyl) phthalate	15.3		2.0	0.80	0.80
101-55-3	4-Bromophenyl phenyl ether	16.8		2.0	0.80	0.80
85-68-7	Butyl benzyl phthalate	15.5		1.0	0.80	0.80
86-74-8	Carbazole	15.7		1.0	0.80	0.28
106-47-8	4-Chloroaniline	14.0		2.0	0.80	0.80
59-50-7	4-Chloro-3-methylphenol	16.3		2.0	0.80	0.80
91-58-7	2-Chloronaphthalene	15.0		1.0	0.10	0.10
95-57-8	2-Chlorophenol	15.7		1.0	0.80	0.29
7005-72-3	4-Chlorophenyl phenyl ether	16.3		2.0	0.80	0.30
218-01-9	Chrysene	16.4		0.20	0.10	0.10
53-70-3	Dibenz(a,h)anthracene	16.8		0.20	0.10	0.10
132-64-9	Dibenzofuran	15.4		1.0	0.10	0.10
95-50-1	1,2-Dichlorobenzene	14.6		1.0	0.80	0.29
541-73-1	1,3-Dichlorobenzene	14.2		1.0	0.80	0.80
106-46-7	1,4-Dichlorobenzene	14.6		1.0	0.80	0.34
91-94-1	3,3'-Dichlorobenzidine	10.1		5.0	0.80	0.37
120-83-2	2,4-Dichlorophenol	16.3		2.0	0.80	0.80
84-66-2	Diethyl phthalate	16.9		1.0	0.80	0.60
105-67-9	2,4-Dimethylphenol	11.7		2.0	0.80	0.80
131-11-3	Dimethyl phthalate	17.1		1.0	0.80	0.29
84-74-2	Di-n-butyl phthalate	16.9		1.0	0.80	0.67

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-68547/19-A

Matrix: Water | Lab File ID: 21217005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3520C | Date Extracted: 12/13/2012 11:21

Sample wt/vol: 1000(mL) | Date Analyzed: 12/17/2012 11:41

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.: 68962 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	14.8		5.0	2.4	2.4
51-28-5	2,4-Dinitrophenol	12.5		5.0	2.4	2.4
121-14-2	2,4-Dinitrotoluene	16.9		5.0	0.80	0.27
606-20-2	2,6-Dinitrotoluene	16.7		5.0	0.80	0.80
117-84-0	Di-n-octyl phthalate	15.6		1.0	0.80	0.80
206-44-0	Fluoranthene	16.5		0.20	0.10	0.10
86-73-7	Fluorene	15.8		0.20	0.10	0.10
118-74-1	Hexachlorobenzene	16.2		0.20	0.10	0.10
87-68-3	Hexachlorobutadiene	15.3		1.0	0.80	0.27
77-47-4	Hexachlorocyclopentadiene	5.43	J	10	0.80	0.80
67-72-1	Hexachloroethane	14.0		1.0	0.80	0.80
193-39-5	Indeno[1,2,3-cd]pyrene	16.7		0.20	0.10	0.10
78-59-1	Isophorone	16.5		1.0	0.80	0.27
91-57-6	2-Methylnaphthalene	15.5		0.20	0.10	0.10
95-48-7	2-Methylphenol	14.2		1.0	0.80	0.80
15831-10-4	3 & 4 Methylphenol	29.1		2.0	0.80	0.80
91-20-3	Naphthalene	15.3		0.20	0.10	0.10
88-74-4	2-Nitroaniline	16.6		2.0	0.80	0.80
99-09-2	3-Nitroaniline	16.2		2.0	0.80	0.28
100-01-6	4-Nitroaniline	15.0		2.0	0.80	0.80
98-95-3	Nitrobenzene	16.1		1.0	0.10	0.040
88-75-5	2-Nitrophenol	16.2		2.0	0.80	0.28
100-02-7	4-Nitrophenol	19.1		5.0	2.4	2.4
621-64-7	N-Nitrosodi-n-propylamine	16.0		1.0	0.80	0.80
86-30-6	N-Nitrosodiphenylamine	15.3		1.0	0.80	0.31
87-86-5	Pentachlorophenol	12.7		5.0	2.4	2.4
85-01-8	Phenanthrene	15.8		0.20	0.10	0.10
108-95-2	Phenol	15.0		1.0	0.80	0.60
129-00-0	Pyrene	14.9		0.20	0.10	0.10
120-82-1	1,2,4-Trichlorobenzene	14.8		1.0	0.80	0.28
95-95-4	2,4,5-Trichlorophenol	16.2		5.0	0.80	0.30
88-06-2	2,4,6-Trichlorophenol	17.0		5.0	0.80	0.80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-68547/19-A

Matrix: Water | Lab File ID: 21217005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3520C | Date Extracted: 12/13/2012 11:21

Sample wt/vol: 1000(mL) | Date Analyzed: 12/17/2012 11:41

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.: 68962 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	74		50-110
367-12-4	2-Fluorophenol (Surr)	72		20-110
4165-60-0	Nitrobenzene-d5 (Surr)	78		40-110
4165-62-2	Phenol-d5 (Surr)	73		10-115
1718-51-0	Terphenyl-d14 (Surr)	83		50-135
118-79-6	2,4,6-Tribromophenol (Surr)	83		40-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217005.D
Lims ID: LCS 240-68547/19-A Client ID:
Inject. Date: 17-Dec-2012 11:41:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015912-005
Misc. Info.: lcs 240-68547/19-a
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 68962 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\8270_hp7.m
Last Update: 18-Dec-2012 09:22:49 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: gruberj Date: 17-Dec-2012 12:53:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.794	5.794	0.0	96	169148	4.00	
* 2 Naphthalene-d8	136	6.918	6.918	0.0	100	654593	4.00	
* 3 Acenaphthene-d10	164	8.415	8.415	0.0	92	389410	4.00	
* 4 Phenanthrene-d10	188	9.667	9.672	-0.005	97	687874	4.00	
* 5 Chrysene-d12	240	12.148	12.148	0.0	97	732876	4.00	
* 6 Perylene-d12	264	14.160	14.160	0.0	94	567482	4.00	
$ 7 2-Fluorophenol	112	4.489	4.484	0.005	94	560773	10.7	
$ 8 Phenol-d5	99	5.441	5.441	0.0	90	731364	11.0	
$ 9 Nitrobenzene-d5	82	6.286	6.292	-0.006	90	446961	7.77	
$ 10 2-Fluorobiphenyl (Surr)	172	7.832	7.832	0.0	99	936137	7.41	
$ 11 2,4,6-Tribromophenol	330	9.078	9.078	0.0	93	200605	12.5	
$ 12 Terphenyl-d14	244	11.004	11.004	0.0	99	1129275	8.32	
24 1,4-Dioxane	88	1.927	1.933	-0.006	92	108194	5.51	
25 N-Nitrosodimethylamine	74	2.403	2.409	-0.006	82	186006	5.67	
26 Pyridine	79	2.462	2.451	0.011	88	37534	0.6672	
30 2-Picoline	93	3.762	3.854	-0.092	87	34386	0.5804	
36 Ethyl methanesulfonate	79	5.056	5.138	-0.082	97	286397	6.85	
40 Benzaldehyde	77	5.388	5.388	0.0	94	354676	8.04	
41 Phenol	94	5.452	5.452	0.0	94	529450	7.48	
43 Aniline	93	5.484	5.484	0.0	88	482164	5.45	
44 Bis(2-chloroethyl)ether	93	5.543	5.543	0.0	95	417466	7.64	
46 2-Chlorophenol	128	5.596	5.596	0.0	96	449732	7.87	
47 1,3-Dichlorobenzene	146	5.741	5.741	0.0	96	437500	7.10	
48 1,4-Dichlorobenzene	146	5.810	5.810	0.0	92	448351	7.32	
49 Benzyl alcohol	108	5.912	5.912	0.0	90	281229	7.98	
50 1,2-Dichlorobenzene	146	5.944	5.944	0.0	86	425978	7.30	
51 2-Methylphenol	108	6.008	6.008	0.0	96	366611	7.11	
52 2,2'-oxybis[1-chloropropane]	45	6.035	6.035	0.0	89	566336	7.06	
191 3 & 4 Methylphenol	108	6.142	6.142	0.0	91	785929	14.5	
56 N-Nitrosodi-n-propylamine	70	6.147	6.147	0.0	89	307068	8.02	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
57 Acetophenone	105	6.153	6.153	0.0	87	576883	7.55	
60 Hexachloroethane	117	6.249	6.249	0.0	92	174335	7.01	
61 Nitrobenzene	77	6.308	6.308	0.0	89	480217	8.07	
63 Isophorone	82	6.511	6.511	0.0	99	859488	8.23	
65 2-Nitrophenol	139	6.586	6.586	0.0	98	226732	8.10	
64 2,4-Dimethylphenol	107	6.607	6.607	0.0	95	321658	5.85	
69 Benzoic acid	122	6.645	6.682	-0.037	85	84660	3.62	
68 Bis(2-chloroethoxy)methane	93	6.693	6.693	0.0	100	487160	7.35	
71 2,4-Dichlorophenol	162	6.789	6.789	0.0	96	355009	8.16	
72 1,2,4-Trichlorobenzene	180	6.864	6.869	-0.005	93	382743	7.38	
73 Naphthalene	128	6.939	6.939	0.0	96	1250050	7.64	
74 4-Chloroaniline	127	6.976	6.976	0.0	86	486554	6.98	
77 Hexachlorobutadiene	225	7.035	7.035	0.0	94	215017	7.65	
80 Quinoline	129		7.120					9
83 Caprolactam	113	7.254	7.265	-0.011	76	125231	7.48	
84 4-Chloro-3-methylphenol	107	7.377	7.377	0.0	96	380049	8.14	
93 Safrole, Total	162	7.442	7.513	-0.071	89	328463	8.06	
85 2-Methylnaphthalene	142	7.527	7.527	0.0	89	813429	7.77	
86 1-Methylnaphthalene	142	7.613	7.613	0.0	89	767660	7.71	
88 Hexachlorocyclopentadiene	237	7.656	7.656	0.0	93	85602	2.71	
90 2,4,6-Trichlorophenol	196	7.763	7.763	0.0	90	278595	8.49	
91 2,4,5-Trichlorophenol	196	7.795	7.795	0.0	95	286353	8.10	
95 1,1'-Biphenyl	154	7.918	7.918	0.0	94	1041747	7.57	
98 2-Chloronaphthalene	162	7.944	7.944	0.0	97	807887	7.51	
100 2-Nitroaniline	65	8.019	8.019	0.0	78	261396	8.28	
103 Dimethyl phthalate	163	8.164	8.164	0.0	98	977223	8.54	
102 1,4-Dinitrobenzene	168		8.208					
105 2,6-Dinitrotoluene	165	8.217	8.223	-0.006	79	218080	8.37	
106 1,2-Dinitrobenzene	168	8.271	8.271	0.0	92	115591	9.11	
104 1,3-Dinitrobenzene	168		8.272					
107 Acenaphthylene	152	8.297	8.297	0.0	91	1368107	7.70	
108 3-Nitroaniline	138	8.367	8.367	0.0	93	231669	8.09	
110 Acenaphthene	153	8.442	8.442	0.0	94	821897	7.69	
109 2,4-Dinitrophenol	184	8.453	8.453	0.0	85	81453	6.26	
111 4-Nitrophenol	109	8.485	8.490	-0.005	96	157206	9.53	
112 2,4-Dinitrotoluene	165	8.560	8.560	0.0	92	296356	8.45	
114 Dibenzofuran	168	8.586	8.586	0.0	87	1221460	7.70	
115 2,3,5,6-Tetrachlorophenol	232	8.645	8.645	0.0	90	229929	7.89	
119 Diethyl phthalate	149	8.747	8.752	-0.005	97	1011311	8.46	
117 2,3,4,6-Tetrachlorophenol	232		8.759					
121 4-Chlorophenyl phenyl ether	204	8.864	8.864	0.0	91	489885	8.13	
124 Fluorene	166	8.875	8.875	0.0	84	1003881	7.89	
123 4-Nitroaniline	138	8.880	8.880	0.0	69	234128	7.52	
126 4,6-Dinitro-2-methylphenol	198	8.902	8.907	-0.005	82	162229	7.38	
130 N-Nitrosodiphenylamine	169	8.961	8.961	0.0	0	726125	7.65	
131 Azobenzene	77	8.998	8.998	0.0	99	986081	7.37	
129 1,2-Diphenylhydrazine	77	8.998	8.998	0.0	0	986081	7.37	
137 4-Bromophenyl phenyl ether	248	9.276	9.276	0.0	63	294386	8.39	
136 Phorate	121	9.201	9.278	-0.077	92	170208	7.97	
135 Phenacetin	108	9.201	9.278	-0.077	92	463430	8.21	
139 Hexachlorobenzene	284	9.340	9.340	0.0	90	292990	8.11	
140 Atrazine	200	9.389	9.394	-0.005	91	287148	11.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.501	9.501	0.0	87	146653	6.34	
142 Pronamide	173		9.599					
146 Phenanthrene	178	9.688	9.688	0.0	96	1486358	7.91	
147 Anthracene	178	9.731	9.731	0.0	97	1472166	7.88	
149 Carbazole	167	9.859	9.859	0.0	82	1426114	7.86	
151 Di-n-butyl phthalate	149	10.116	10.116	0.0	100	1724970	8.47	
157 Fluoranthene	202	10.694	10.694	0.0	96	1713648	8.26	
160 Pyrene	202	10.892	10.892	0.0	99	1747981	7.47	
162 Chlorobenzilate	139	11.164	11.251	-0.087	90	480321	7.56	
166 Butyl benzyl phthalate	149	11.464	11.464	0.0	98	740585	7.77	
173 3,3'-Dichlorobenzidine	252	12.090	12.090	0.0	69	400116	5.03	
171 Bis(2-ethylhexyl) phthalate	149	12.106	12.106	0.0	96	1027931	7.63	
175 Benzo[a]anthracene	228	12.138	12.138	0.0	97	1618760	7.91	
176 Chrysene	228	12.181	12.186	-0.005	94	1600859	8.21	
178 Di-n-octyl phthalate	149	12.983	12.978	0.005	99	1578168	7.80	
180 Benzo[b]fluoranthene	252	13.593	13.593	0.0	92	1527761	8.44	
181 Benzo[k]fluoranthene	252	13.635	13.635	0.0	94	1645773	8.37	
182 Benzo[a]pyrene	252	14.079	14.079	0.0	75	1294423	7.01	
186 Indeno[1,2,3-cd]pyrene	276	15.780	15.780	0.0	99	1704486	8.33	
187 Dibenz(a,h)anthracene	278	15.802	15.802	0.0	77	1464640	8.39	
188 Benzo[g,h,i]perylene	276	16.192	16.197	-0.005	94	1483200	9.13	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

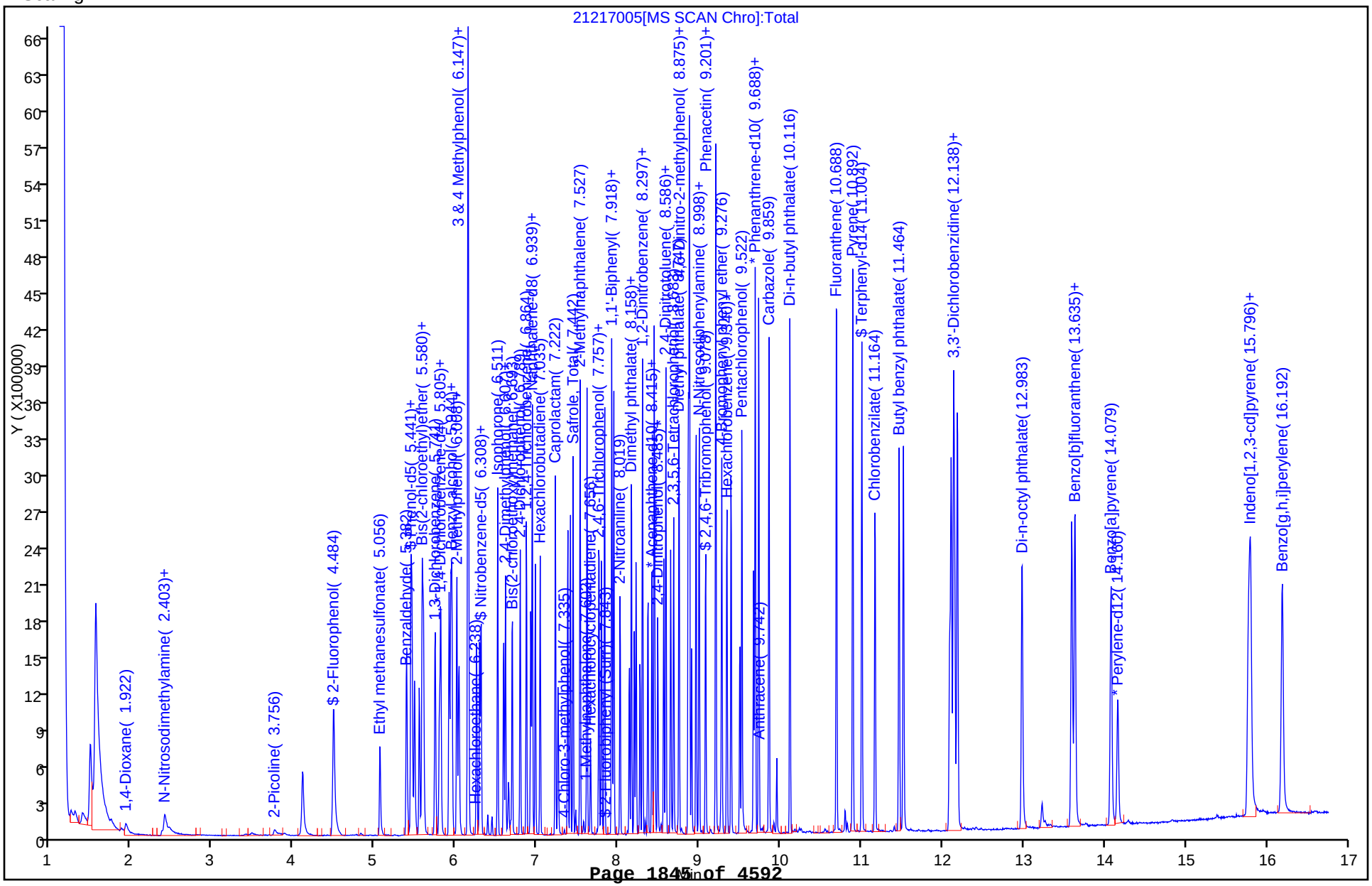
Report Date: 18-Dec-2012 09:22:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217005.D

Injection Date:	17-Dec-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	68962	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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69569/24-A

Matrix: Solid | Lab File ID: 21224005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.00(g) | Date Analyzed: 12/24/2012 11:45

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.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	469		6.7	3.3	3.3
208-96-8	Acenaphthylene	479		6.7	3.3	3.3
120-12-7	Anthracene	528		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	558		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	550		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	577		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	607		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	617		6.7	3.3	3.3
100-51-6	Benzyl alcohol	481		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	408		100	27	22
111-44-4	Bis(2-chloroethyl)ether	403		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	400		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	595		50	27	19
101-55-3	4-Bromophenyl phenyl ether	431		50	27	13
85-68-7	Butyl benzyl phthalate	600		50	27	10
86-74-8	Carbazole	560		50	27	27
106-47-8	4-Chloroaniline	360		150	27	17
59-50-7	4-Chloro-3-methylphenol	544		150	27	21
91-58-7	2-Chloronaphthalene	388		50	3.3	3.3
95-57-8	2-Chlorophenol	492		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	440		50	27	13
218-01-9	Chrysene	559		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	580		6.7	3.3	3.3
132-64-9	Dibenzofuran	476		50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	368		50	27	9.7
541-73-1	1,3-Dichlorobenzene	370		50	27	11
106-46-7	1,4-Dichlorobenzene	487		50	27	20
91-94-1	3,3'-Dichlorobenzidine	366		100	80	18
120-83-2	2,4-Dichlorophenol	501		150	27	20
84-66-2	Diethyl phthalate	565		50	27	16
105-67-9	2,4-Dimethylphenol	377		150	80	20
131-11-3	Dimethyl phthalate	537		50	27	17
84-74-2	Di-n-butyl phthalate	583		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69569/24-A

Matrix: Solid | Lab File ID: 21224005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.00(g) | Date Analyzed: 12/24/2012 11:45

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.: 69988 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	487		150	80	80
51-28-5	2,4-Dinitrophenol	368		330	80	80
121-14-2	2,4-Dinitrotoluene	500		200	27	27
606-20-2	2,6-Dinitrotoluene	481		200	27	21
117-84-0	Di-n-octyl phthalate	563		50	27	27
206-44-0	Fluoranthene	552		6.7	3.3	3.3
86-73-7	Fluorene	508		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	425		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	393		50	27	27
77-47-4	Hexachlorocyclopentadiene	332		330	27	27
67-72-1	Hexachloroethane	412		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	592		6.7	3.3	3.3
78-59-1	Isophorone	517		50	27	13
91-57-6	2-Methylnaphthalene	484		6.7	3.3	3.3
95-48-7	2-Methylphenol	477		200	80	80
15831-10-4	3 & 4 Methylphenol	1010		400	80	20
91-20-3	Naphthalene	479		6.7	3.3	3.3
88-74-4	2-Nitroaniline	550		200	27	9.1
99-09-2	3-Nitroaniline	519		200	80	16
100-01-6	4-Nitroaniline	515		200	27	26
98-95-3	Nitrobenzene	426		100	3.3	2.2
88-75-5	2-Nitrophenol	512		50	27	27
100-02-7	4-Nitrophenol	582		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	489		50	27	27
86-30-6	N-Nitrosodiphenylamine	540		50	27	21
87-86-5	Pentachlorophenol	366	M	150	80	80
85-01-8	Phenanthrene	515		6.7	3.3	3.3
108-95-2	Phenol	480		50	27	27
129-00-0	Pyrene	552		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	382		50	27	27
95-95-4	2,4,5-Trichlorophenol	499		150	27	25
88-06-2	2,4,6-Trichlorophenol	494		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69569/24-A

Matrix: Solid | Lab File ID: 21224005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/20/2012 09:55

Sample wt/vol: 30.00(g) | Date Analyzed: 12/24/2012 11:45

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.: 69988 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	56		45-105
367-12-4	2-Fluorophenol (Surr)	74		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	64		35-100
4165-62-2	Phenol-d5 (Surr)	72		40-100
1718-51-0	Terphenyl-d14 (Surr)	72		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	76		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224005.D
Lims ID: LCS 240-69569/24-A Client ID:
Inject. Date: 24-Dec-2012 11:45:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016149-005
Misc. Info.: LCS 240-69569/24-A =LCS 240-69569/24-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 69988 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26 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: XAWRK027

First Level Reviewer: ulmanm Date: 24-Dec-2012 14:02:09

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.988	5.988	0.0	88	117066	4.00	
* 2 Naphthalene-d8	136	7.094	7.094	0.0	99	435457	4.00	
* 3 Acenaphthene-d10	164	8.590	8.589	0.001	82	263729	4.00	
* 4 Phenanthrene-d10	188	9.850	9.856	-0.006	92	473834	4.00	
* 5 Chrysene-d12	240	12.441	12.446	-0.005	74	460389	4.00	
* 6 Perylene-d12	264	14.557	14.557	0.0	93	334233	4.00	
$ 7 2-Fluorophenol	112	4.765	4.748	0.017	92	436763	11.1	
$ 8 Phenol-d5	99	5.630	5.625	0.005	0	629475	10.9	
$ 9 Nitrobenzene-d5	82	6.469	6.469	0.0	84	422968	6.36	
$ 10 2-Fluorobiphenyl (Surr)	172	8.002	8.002	0.0	99	593188	5.61	
$ 11 2,4,6-Tribromophenol	330	9.252	9.257	-0.005	80	107410	11.4	
$ 12 Terphenyl-d14	244	11.218	11.223	-0.005	98	753048	7.22	
25 1,4-Dioxane	88	2.654	2.644	0.010	68	85878	4.21	M
26 N-Nitrosodimethylamine	74	3.119	3.124	-0.005	88	227489	7.35	M
27 Pyridine	79	3.167	3.173	-0.006	91	319300	5.79	M
31 2-Picoline	93	4.134	4.161	-0.027	91	325253	5.91	M
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79	5.272	5.288	-0.016	92	292560	6.90	
41 Benzaldehyde	77	5.593	5.598	-0.005	85	334185	6.56	
43 Phenol	94	5.641	5.635	0.006	97	469661	7.20	
44 Aniline	93	5.689	5.689	0.0	97	346683	4.28	
69 Bis(2-chloroethyl)ether	93	5.737	5.737	0.0	92	373703	6.04	
46 2-Chlorophenol	128	5.796	5.796	0.0	88	290018	7.38	
47 1,3-Dichlorobenzene	146	5.934	5.940	-0.006	89	282004	5.55	
48 1,4-Dichlorobenzene	146	6.004	6.004	0.0	87	301664	7.31	
49 Benzyl alcohol	108	6.095	6.095	0.0	86	209216	7.22	
50 1,2-Dichlorobenzene	146	6.137	6.137	0.0	88	271923	5.52	
51 2-Methylphenol	108	6.180	6.180	0.0	95	305749	7.15	
53 2,2'-oxybis[1-chloropropane]	45	6.212	6.212	0.0	96	373105	6.00	
21 3 & 4 Methylphenol	108	6.308	6.308	0.0	93	676866	15.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
57 N-Nitrosodi-n-propylamine	70	6.324	6.324	0.0	74	296012	7.33	
58 Acetophenone	105	6.330	6.330	0.0	81	457907	7.00	
61 Hexachloroethane	117	6.437	6.437	0.0	93	134136	6.18	
62 Nitrobenzene	77	6.485	6.485	0.0	79	446474	6.39	
64 Isophorone	82	6.682	6.688	-0.006	96	828798	7.76	
66 2-Nitrophenol	139	6.757	6.762	-0.005	90	141881	7.68	
65 2,4-Dimethylphenol	107	6.773	6.773	0.0	96	262259	5.66	
71 Benzoic acid	122	6.821	6.827	-0.006	57	6448	1.11	
70 Bis(2-chloroethoxy)methane	93	6.859	6.859	0.0	98	443500	6.12	
73 2,4-Dichlorophenol	162	6.960	6.960	0.0	96	212697	7.52	
74 1,2,4-Trichlorobenzene	180	7.040	7.040	0.0	87	238049	5.73	
75 Naphthalene	128	7.115	7.115	0.0	96	823956	7.19	
76 4-Chloroaniline	127	7.147	7.147	0.0	80	247441	5.41	
79 Hexachlorobutadiene	225	7.211	7.211	0.0	89	136038	5.90	
84 Caprolactam	113	7.420	7.430	-0.010	79	108341	8.27	
86 4-Chloro-3-methylphenol	107	7.532	7.532	0.0	82	311526	8.16	
94 Safrole, Total	162	7.612	7.628	-0.016	74	201236	7.14	
87 2-Methylnaphthalene	142	7.703	7.703	0.0	86	549874	7.26	
88 1-Methylnaphthalene	142	7.788	7.788	0.0	80	519469	7.31	
89 Hexachlorocyclopentadiene	237	7.831	7.831	0.0	86	127619	4.97	
92 2,4,6-Trichlorophenol	196	7.927	7.927	0.0	90	163947	7.41	
93 2,4,5-Trichlorophenol	196	7.959	7.959	0.0	89	177383	7.48	
98 1,1'-Biphenyl	154	8.093	8.093	0.0	96	673669	6.83	
100 2-Chloronaphthalene	162	8.119	8.119	0.0	97	504568	5.82	
102 2-Nitroaniline	65	8.189	8.189	0.0	75	239839	8.25	
104 1,4-Dinitrobenzene	168	8.301	8.317	-0.016	83	96679	8.34	
105 Dimethyl phthalate	163	8.328	8.328	0.0	93	627832	8.05	
106 1,3-Dinitrobenzene	168	8.360	8.375	-0.015	81	118049	8.52	
107 2,6-Dinitrotoluene	165	8.387	8.386	0.001	80	152091	7.22	
108 1,2-Dinitrobenzene	168	8.435	8.440	-0.005	84	81946	7.63	
109 Acenaphthylene	152	8.472	8.472	0.0	86	897098	7.18	
110 3-Nitroaniline	138	8.531	8.536	-0.005	87	145340	7.78	
112 Acenaphthene	153	8.616	8.622	-0.006	95	560110	7.03	
111 2,4-Dinitrophenol	184	8.622	8.622	0.0	53	50788	5.52	
113 4-Nitrophenol	109	8.643	8.643	0.0	89	121713	8.73	
114 2,4-Dinitrotoluene	165	8.728	8.728	0.0	75	206331	7.51	
116 Dibenzofuran	168	8.760	8.766	-0.006	86	792383	7.14	
118 2,3,5,6-Tetrachlorophenol	232	8.819	8.819	0.0	88	143166	7.03	
119 2,3,4,6-Tetrachlorophenol	232	8.857	8.872	-0.015	71	147477	7.88	
121 Diethyl phthalate	149	8.921	8.921	0.0	95	706729	8.47	
123 4-Chlorophenyl phenyl ether	204	9.038	9.038	0.0	93	345862	6.60	
125 4-Nitroaniline	138	9.049	9.049	0.0	82	169073	7.73	
126 Fluorene	166	9.054	9.054	0.0	81	644177	7.62	
128 4,6-Dinitro-2-methylphenol	198	9.070	9.076	-0.006	73	106390	7.30	
131 N-Nitrosodiphenylamine	169	9.134	9.134	0.0	99	528678	8.10	
132 1,2-Diphenylhydrazine	77	9.172	9.172	0.0	99	1059895	7.97	
133 Azobenzene	77	9.172	9.172	0.0	95	1059895	7.97	
137 Phenacetin	108	9.375	9.390	-0.015	78	406633	7.98	
138 Phorate	121	9.380	9.396	-0.016	84	136745	7.65	
139 4-Bromophenyl phenyl ether	248	9.455	9.455	0.0	67	183386	6.47	
141 Hexachlorobenzene	284	9.519	9.519	0.0	78	173766	6.37	
142 Atrazine	200	9.567	9.567	0.0	89	186663	10.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.679	9.679	0.0	80	86788	5.49	M
144 Pronamide	173	9.701	9.716	-0.015	84	305239	8.70	
148 Phenanthrene	178	9.872	9.877	-0.005	97	1018060	7.73	
149 Anthracene	178	9.920	9.920	0.0	87	1029214	7.91	
151 Carbazole	167	10.043	10.043	0.0	81	1002740	8.40	
154 Di-n-butyl phthalate	149	10.299	10.299	0.0	100	1287683	8.75	
159 Fluoranthene	202	10.892	10.892	0.0	98	1201618	8.27	
161 Pyrene	202	11.106	11.106	0.0	95	1239903	8.28	
164 Chlorobenzilate	139	11.389	11.415	-0.026	87	318633	7.40	
168 Butyl benzyl phthalate	149	11.709	11.709	0.0	93	522923	9.00	
175 3,3'-Dichlorobenzidine	252	12.372	12.372	0.0	70	257333	5.49	
173 Bis(2-ethylhexyl) phthalate	149	12.393	12.393	0.0	95	755733	8.93	
177 Benzo[a]anthracene	228	12.431	12.430	0.001	86	1128285	8.37	
178 Chrysene	228	12.479	12.479	0.0	93	1081091	8.38	
180 Di-n-octyl phthalate	149	13.317	13.323	-0.006	100	1086512	8.44	
182 Benzo[b]fluoranthene	252	13.958	13.964	-0.006	78	965247	8.66	
183 Benzo[k]fluoranthene	252	14.001	14.006	-0.005	84	1048795	9.26	
184 Benzo[a]pyrene	252	14.471	14.471	0.0	76	835653	8.24	
188 Indeno[1,2,3-cd]pyrene	276	16.250	16.250	0.0	78	997409	8.88	
189 Dibenz(a,h)anthracene	278	16.277	16.282	-0.005	65	755955	8.70	
190 Benzo[g,h,i]perylene	276	16.710	16.726	-0.016	77	865786	9.10	

QC Flag Legend

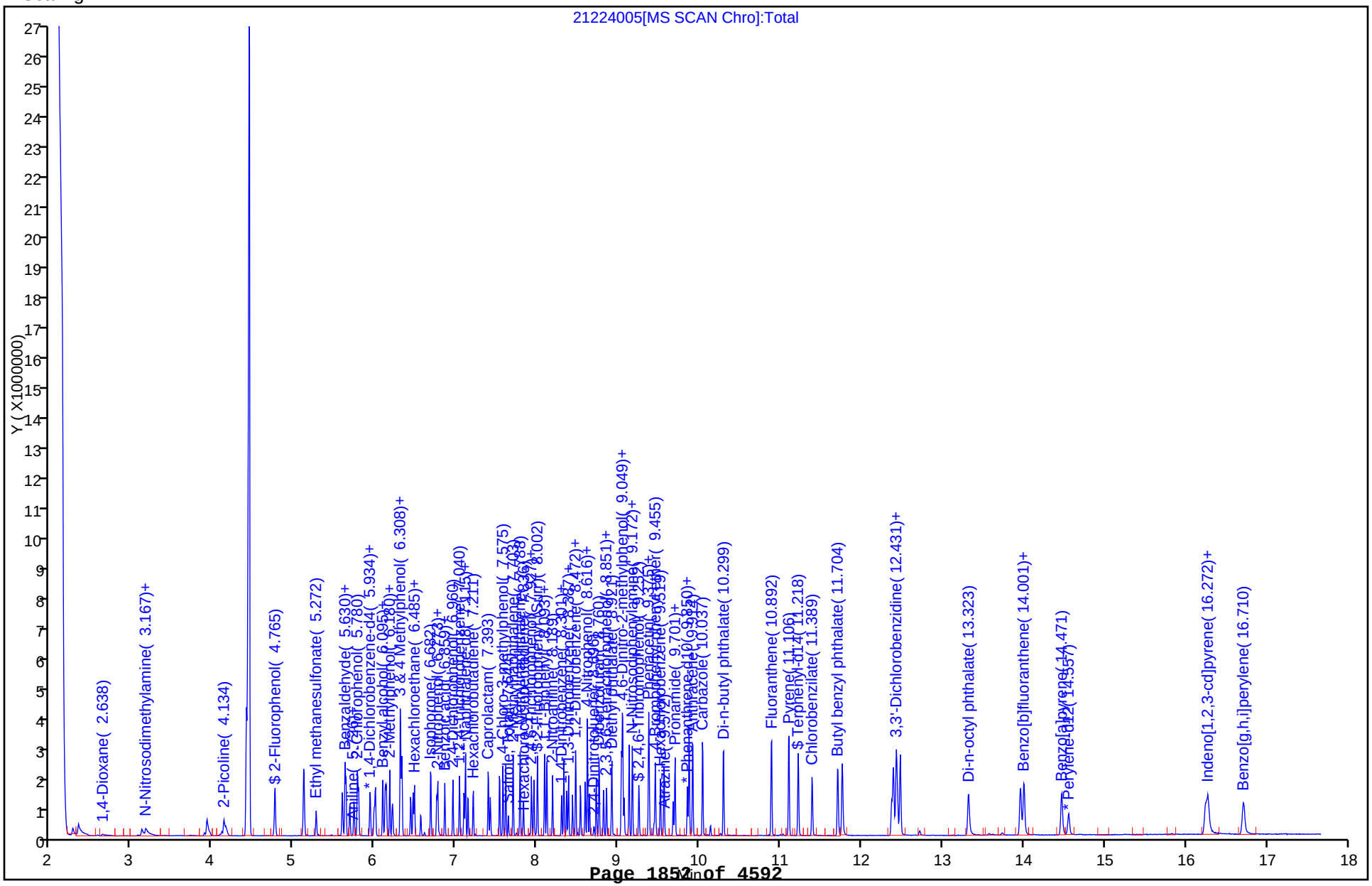
Review Flags
M - Manually Integrated

Report Date: 25-Dec-2012 12:56:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224005.D		
Injection Date:	24-Dec-2012 11:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	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

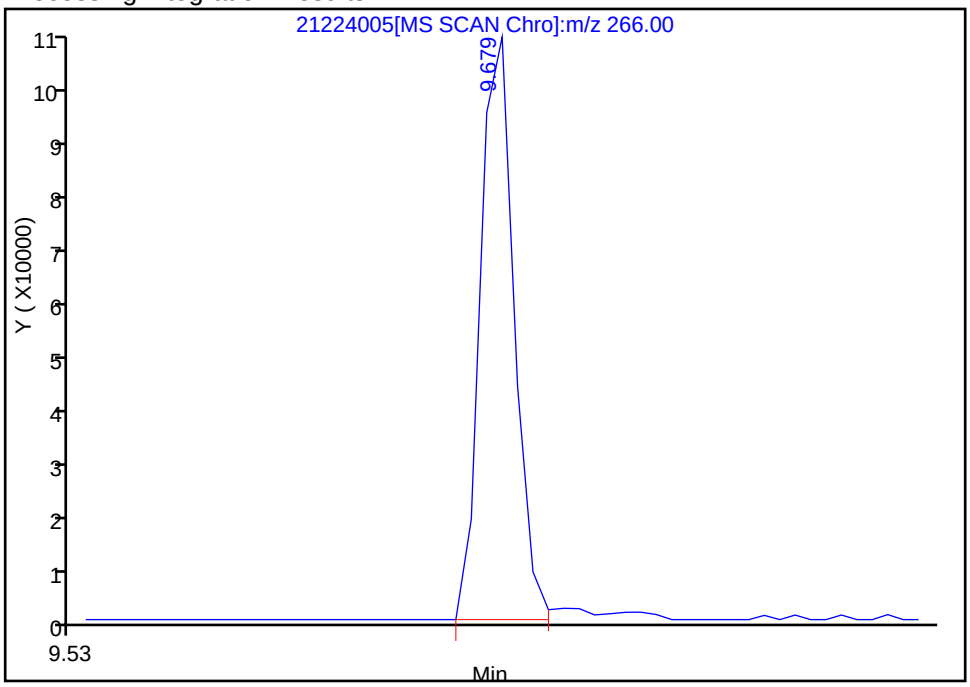
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224005.D		
Injection Date:	24-Dec-2012 11:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Signal: 1, m/z: 266.0 Type: quant, RT: 9.68

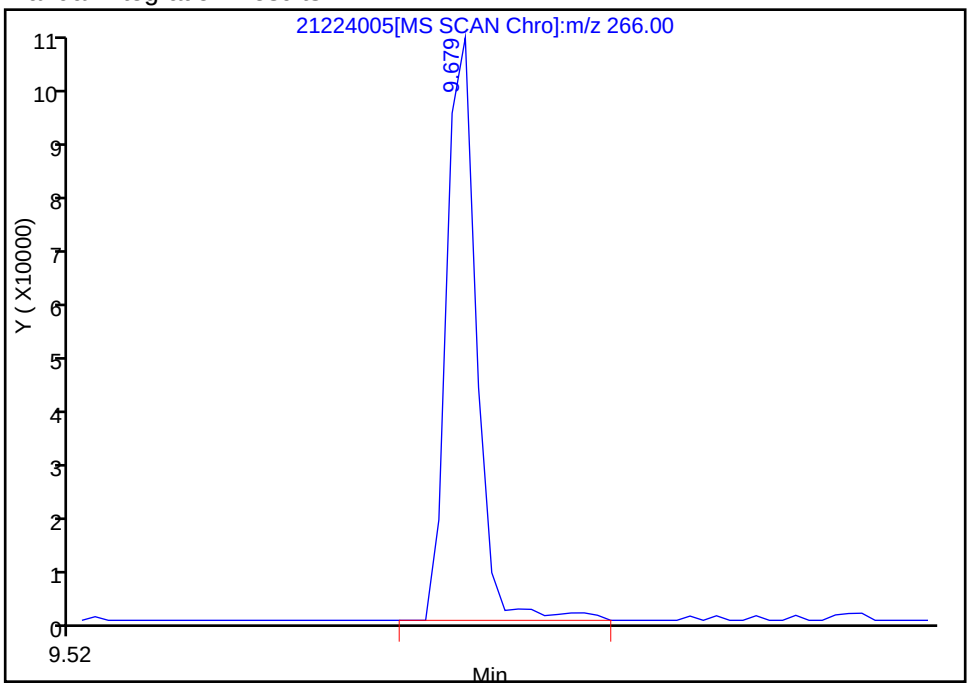
Processing Integration Results

RT: 9.68
Response: 83834
Amount: 5.329819



Manual Integration Results

RT: 9.68
Response: 86788
Amount: 5.494004



Reviewer: ulmanm, 24-Dec-2012 14:02:09
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69614/24-A

Matrix: Solid | Lab File ID: 21231010.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/20/2012 12:23

Sample wt/vol: 30.00(g) | Date Analyzed: 12/31/2012 12:39

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.: 70697 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	433		6.7	3.3	3.3
208-96-8	Acenaphthylene	453		6.7	3.3	3.3
120-12-7	Anthracene	494		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	502		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	460		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	460		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	528		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	508		6.7	3.3	3.3
100-51-6	Benzyl alcohol	443		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	353		100	27	22
111-44-4	Bis(2-chloroethyl)ether	342		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	340		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	488		50	27	19
101-55-3	4-Bromophenyl phenyl ether	425		50	27	13
85-68-7	Butyl benzyl phthalate	516		50	27	10
86-74-8	Carbazole	496		50	27	27
106-47-8	4-Chloroaniline	330		150	27	17
59-50-7	4-Chloro-3-methylphenol	459		150	27	21
91-58-7	2-Chloronaphthalene	364		50	3.3	3.3
95-57-8	2-Chlorophenol	426		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	387		50	27	13
218-01-9	Chrysene	527		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	503		6.7	3.3	3.3
132-64-9	Dibenzofuran	442		50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	337		50	27	9.7
541-73-1	1,3-Dichlorobenzene	336		50	27	11
106-46-7	1,4-Dichlorobenzene	404		50	27	20
91-94-1	3,3'-Dichlorobenzidine	324		100	80	18
120-83-2	2,4-Dichlorophenol	437		150	27	20
84-66-2	Diethyl phthalate	490		50	27	16
105-67-9	2,4-Dimethylphenol	335		150	80	20
131-11-3	Dimethyl phthalate	482		50	27	17
84-74-2	Di-n-butyl phthalate	522		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69614/24-A

Matrix: Solid | Lab File ID: 21231010.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/20/2012 12:23

Sample wt/vol: 30.00(g) | Date Analyzed: 12/31/2012 12:39

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.: 70697 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	425		150	80	80
51-28-5	2,4-Dinitrophenol	288	J	330	80	80
121-14-2	2,4-Dinitrotoluene	431		200	27	27
606-20-2	2,6-Dinitrotoluene	438		200	27	21
117-84-0	Di-n-octyl phthalate	461		50	27	27
206-44-0	Fluoranthene	503		6.7	3.3	3.3
86-73-7	Fluorene	465		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	410		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	339		50	27	27
77-47-4	Hexachlorocyclopentadiene	311	J	330	27	27
67-72-1	Hexachloroethane	347		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	524		6.7	3.3	3.3
78-59-1	Isophorone	444		50	27	13
91-57-6	2-Methylnaphthalene	414		6.7	3.3	3.3
95-48-7	2-Methylphenol	424		200	80	80
15831-10-4	3 & 4 Methylphenol	858		400	80	20
91-20-3	Naphthalene	417		6.7	3.3	3.3
88-74-4	2-Nitroaniline	512		200	27	9.1
99-09-2	3-Nitroaniline	479		200	80	16
100-01-6	4-Nitroaniline	516		200	27	26
98-95-3	Nitrobenzene	357		100	3.3	2.2
88-75-5	2-Nitrophenol	437		50	27	27
100-02-7	4-Nitrophenol	489		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	436		50	27	27
86-30-6	N-Nitrosodiphenylamine	490		50	27	21
87-86-5	Pentachlorophenol	315		150	80	80
85-01-8	Phenanthrene	485		6.7	3.3	3.3
108-95-2	Phenol	438		50	27	27
129-00-0	Pyrene	492		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	341		50	27	27
95-95-4	2,4,5-Trichlorophenol	488		150	27	25
88-06-2	2,4,6-Trichlorophenol	441		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69614/24-A

Matrix: Solid | Lab File ID: 21231010.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/20/2012 12:23

Sample wt/vol: 30.00(g) | Date Analyzed: 12/31/2012 12:39

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.: 70697 | 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)	51		35-100
4165-62-2	Phenol-d5 (Surr)	66		40-100
1718-51-0	Terphenyl-d14 (Surr)	64		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	71		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231010.D
Lims ID: LCS 240-69614/24-A Client ID:
Inject. Date: 31-Dec-2012 12:39:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016305-010
Misc. Info.: LCS 240-69614/24-A
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 70697 Lims Sample ID: 10
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\8270_hp7.m
Last Update: 02-Jan-2013 12:44:45 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: XAWRK026

First Level Reviewer: gruberj Date: 31-Dec-2012 14:19:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.816	5.816	0.0	97	215207	4.00	
* 2 Naphthalene-d8	136	6.934	6.933	0.001	100	857407	4.00	
* 3 Acenaphthene-d10	164	8.426	8.426	0.0	92	512795	4.00	
* 4 Phenanthrene-d10	188	9.677	9.677	0.0	98	831791	4.00	
* 5 Chrysene-d12	240	12.170	12.170	0.0	89	878623	4.00	
* 6 Perylene-d12	264	14.186	14.186	0.0	95	731008	4.00	
$ 7 2-Fluorophenol	112	4.548	4.543	0.005	95	658178	9.97	
$ 8 Phenol-d5	99	5.463	5.457	0.006	91	865788	9.85	
$ 9 Nitrobenzene-d5	82	6.302	6.302	0.0	93	481200	5.09	
$ 10 2-Fluorobiphenyl (Surr)	172	7.843	7.843	0.0	100	937819	5.10	
$ 11 2,4,6-Tribromophenol	330	9.089	9.089	0.0	91	184430	10.7	
$ 12 Terphenyl-d14	244	11.015	11.015	0.0	98	1149918	6.40	
24 1,4-Dioxane	88	2.243	2.254	-0.011	95	90938	2.99	
25 N-Nitrosodimethylamine	74	2.687	2.697	-0.010	88	257315	6.14	
26 Pyridine	79	2.740	2.746	-0.006	87	370592	4.96	
30 2-Picoline	93	3.863	3.913	-0.050	94	414719	5.62	
36 Ethyl methanesulfonate	79	5.088	5.112	-0.024	96	353323	6.63	
40 Benzaldehyde	77	5.415	5.415	-0.001	90	384264	5.52	
41 Phenol	94	5.473	5.473	0.0	98	604963	6.57	
43 Aniline	93	5.511	5.511	0.0	96	493479	4.12	
44 Bis(2-chloroethyl)ether	93	5.564	5.570	-0.006	91	458448	5.13	
46 2-Chlorophenol	128	5.623	5.618	0.005	96	464592	6.39	
47 1,3-Dichlorobenzene	146	5.762	5.762	0.0	95	475673	5.04	
48 1,4-Dichlorobenzene	146	5.832	5.832	0.0	83	474947	6.06	
49 Benzyl alcohol	108	5.928	5.928	0.0	89	301754	6.65	
50 1,2-Dichlorobenzene	146	5.965	5.965	0.0	92	456595	5.05	
51 2-Methylphenol	108	6.024	6.019	0.005	97	420686	6.36	
52 2,2'-oxybis[1-chloropropane]	45	6.051	6.051	0.0	90	649397	5.10	
191 3 & 4 Methylphenol	108	6.158	6.153	0.005	93	913583	12.9	
56 N-Nitrosodi-n-propylamine	70	6.163	6.163	0.0	89	347365	6.54	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
57 Acetophenone	105	6.169	6.169	0.0	89	615890	6.00	
60 Hexachloroethane	117	6.270	6.270	0.0	92	193136	5.21	
61 Nitrobenzene	77	6.318	6.324	-0.006	88	522757	5.35	
63 Isophorone	82	6.527	6.527	0.0	97	947594	6.66	
65 2-Nitrophenol	139	6.597	6.602	-0.005	91	230143	6.56	
64 2,4-Dimethylphenol	107	6.618	6.618	0.0	84	366417	5.02	
69 Benzoic acid	122	6.645	6.682	-0.037	73	10025	1.33	
68 Bis(2-chloroethoxy)methane	93	6.704	6.704	0.0	97	564299	5.29	
71 2,4-Dichlorophenol	162	6.805	6.805	0.0	96	373171	6.56	
72 1,2,4-Trichlorobenzene	180	6.880	6.880	0.0	93	390531	5.12	
73 Naphthalene	128	6.955	6.955	0.0	96	1309778	6.25	
74 4-Chloroaniline	127	6.987	6.987	0.0	83	438063	4.96	
77 Hexachlorobutadiene	225	7.051	7.051	0.0	94	210322	5.08	
80 Quinoline	129	7.233	7.233	0.0	95	877783	7.02	
83 Caprolactam	113	7.265	7.271	-0.006	71	151520	8.04	
84 4-Chloro-3-methylphenol	107	7.383	7.383	0.0	96	419499	6.89	
93 Safrole, Total	162	7.452	7.465	-0.013	86	341469	6.36	
85 2-Methylnaphthalene	142	7.543	7.538	0.005	90	854216	6.21	
86 1-Methylnaphthalene	142	7.623	7.624	-0.001	83	831059	6.45	
88 Hexachlorocyclopentadiene	237	7.672	7.672	0.0	93	202051	4.66	
90 2,4,6-Trichlorophenol	196	7.768	7.768	0.0	92	267071	6.62	
91 2,4,5-Trichlorophenol	196	7.800	7.800	0.0	95	322423	7.32	
95 1,1'-Biphenyl	154	7.928	7.934	-0.006	97	1041905	6.18	
98 2-Chloronaphthalene	162	7.955	7.955	0.0	97	874452	5.46	
100 2-Nitroaniline	65	8.030	8.030	0.0	79	348214	7.68	
104 1,3-Dinitrobenzene	168	8.142	8.155	-0.013	82	146630	5.89	
103 Dimethyl phthalate	163	8.169	8.169	0.0	97	1064308	7.23	
102 1,4-Dinitrobenzene	168	8.206	8.214	-0.008	88	172087	7.95	
105 2,6-Dinitrotoluene	165	8.228	8.228	0.0	87	245422	6.57	
106 1,2-Dinitrobenzene	168	8.276	8.276	0.0	88	120891	6.34	
107 Acenaphthylene	152	8.308	8.308	0.0	90	1432855	6.80	
108 3-Nitroaniline	138	8.372	8.372	0.0	90	260618	7.19	
110 Acenaphthene	153	8.453	8.453	0.0	93	853275	6.50	
109 2,4-Dinitrophenol	184	8.458	8.458	0.0	62	60654	4.32	
111 4-Nitrophenol	109	8.490	8.490	0.0	94	161536	7.34	
112 2,4-Dinitrotoluene	165	8.565	8.565	0.0	84	330601	6.46	
114 Dibenzofuran	168	8.597	8.597	0.0	84	1283468	6.63	
115 2,3,5,6-Tetrachlorophenol	232	8.656	8.656	0.0	89	208221	5.96	
117 2,3,4,6-Tetrachlorophenol	232	8.693	8.701	-0.007	72	212413	6.01	
119 Diethyl phthalate	149	8.757	8.757	0.0	96	1081232	7.35	
121 4-Chlorophenyl phenyl ether	204	8.875	8.875	0.0	95	499227	5.81	
124 Fluorene	166	8.886	8.886	0.0	91	1076359	6.97	
123 4-Nitroaniline	138	8.886	8.886	0.0	62	278120	7.74	
126 4,6-Dinitro-2-methylphenol	198	8.913	8.913	-0.001	72	155888	6.38	
130 N-Nitrosodiphenylamine	169	8.966	8.966	0.0	0	828871	7.36	
131 Azobenzene	77	9.009	9.009	0.0	99	1247633	7.18	
129 1,2-Diphenylhydrazine	77	9.009	9.009	0.0	0	1245934	7.17	
135 Phenacetin	108	9.207	9.219	-0.012	92	548554	7.97	
136 Phorate	121	9.212	9.225	-0.013	91	192719	7.50	
137 4-Bromophenyl phenyl ether	248	9.287	9.287	0.0	67	307690	6.38	
139 Hexachlorobenzene	284	9.351	9.351	0.0	90	295004	6.15	
140 Atrazine	200	9.399	9.399	0.0	87	298284	9.40	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.506	9.506	0.0	83	129989	4.73	
142 Pronamide	173	9.533	9.546	-0.013	86	462724	7.37	
146 Phenanthrene	178	9.699	9.699	0.0	97	1625924	7.28	
147 Anthracene	178	9.742	9.742	0.0	97	1650455	7.40	
149 Carbazole	167	9.870	9.865	0.005	82	1588990	7.44	
151 Di-n-butyl phthalate	149	10.127	10.127	0.0	100	1890555	7.83	
157 Fluoranthene	202	10.699	10.699	0.0	98	1847361	7.54	
160 Pyrene	202	10.902	10.902	0.0	96	1874986	7.38	
162 Chlorobenzilate	139	11.180	11.188	-0.008	90	517770	6.67	
166 Butyl benzyl phthalate	149	11.480	11.480	0.0	98	798377	7.74	
173 3,3'-Dichlorobenzidine	252	12.111	12.106	0.005	71	406149	4.86	
171 Bis(2-ethylhexyl) phthalate	149	12.132	12.127	0.005	96	1115762	7.33	
175 Benzo[a]anthracene	228	12.159	12.159	0.0	98	1710553	7.53	
176 Chrysene	228	12.202	12.202	0.0	93	1701424	7.91	
178 Di-n-octyl phthalate	149	13.010	13.010	0.0	99	1730555	6.91	
180 Benzo[b]fluoranthene	252	13.619	13.619	0.0	92	1507398	6.91	
181 Benzo[k]fluoranthene	252	13.657	13.657	0.0	99	1783183	7.62	
182 Benzo[a]pyrene	252	14.106	14.106	0.0	77	1416927	6.90	
186 Indeno[1,2,3-cd]pyrene	276	15.802	15.802	0.0	97	1710325	7.85	
187 Dibenz(a,h)anthracene	278	15.828	15.828	0.0	81	1397775	7.54	
188 Benzo[g,h,i]perylene	276	16.224	16.224	0.0	93	1509598	7.92	

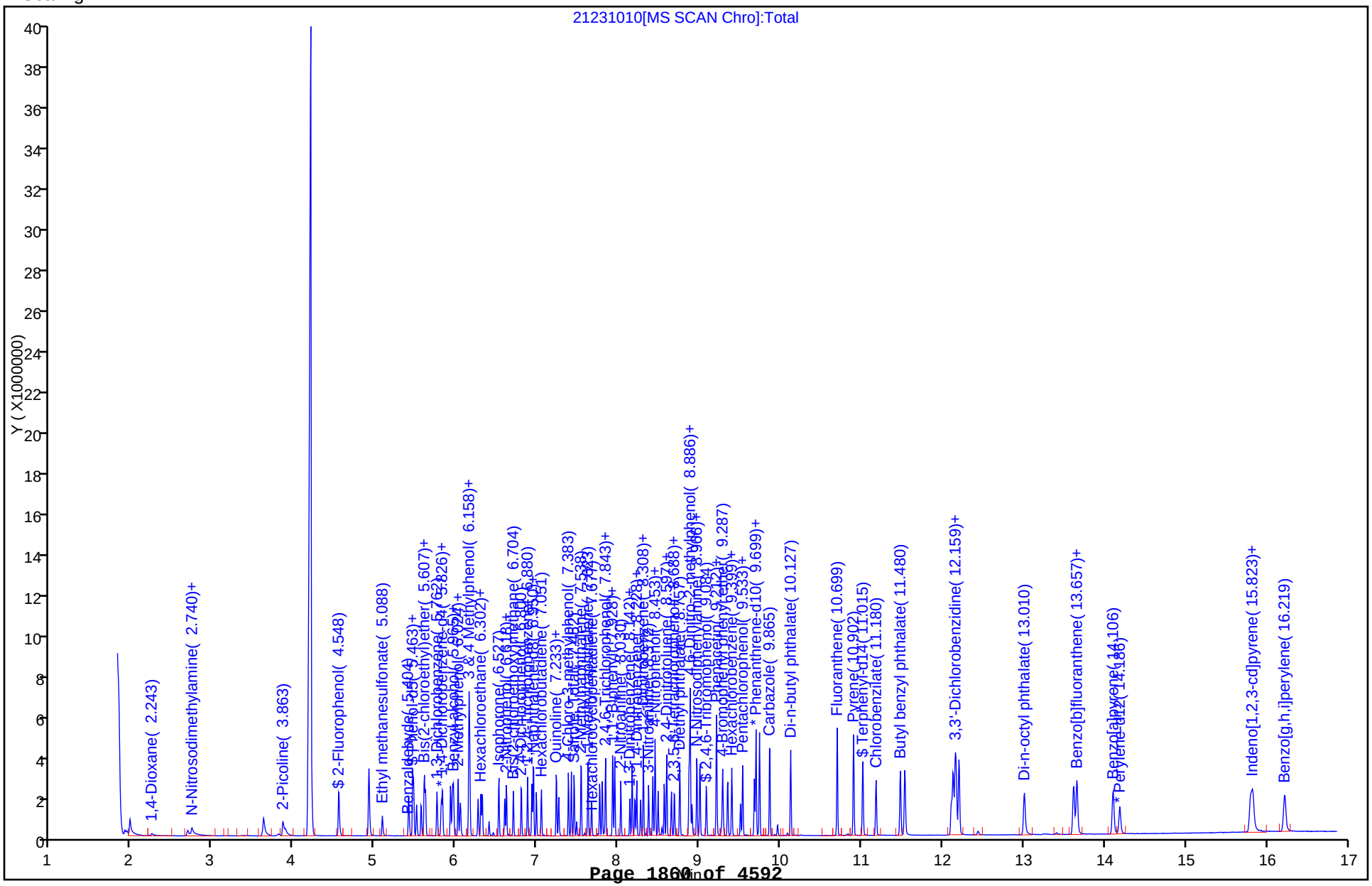
Report Date: 02-Jan-2013 12:45:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231010.D

Injection Date:	31-Dec-2012 12:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70697	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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69993/24-A

Matrix: Solid | Lab File ID: 21231008.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/24/2012 09:50

Sample wt/vol: 30.00(g) | Date Analyzed: 12/31/2012 11:53

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.: 70697 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
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208-96-8	Acenaphthylene	453		6.7	3.3	3.3
120-12-7	Anthracene	502		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	495		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	467		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	477		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	541		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	490		6.7	3.3	3.3
100-51-6	Benzyl alcohol	399		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	385		100	27	22
111-44-4	Bis(2-chloroethyl)ether	327		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	327		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	495		50	27	19
101-55-3	4-Bromophenyl phenyl ether	439		50	27	13
85-68-7	Butyl benzyl phthalate	507		50	27	10
86-74-8	Carbazole	496		50	27	27
106-47-8	4-Chloroaniline	357		150	27	17
59-50-7	4-Chloro-3-methylphenol	476		150	27	21
91-58-7	2-Chloronaphthalene	375		50	3.3	3.3
95-57-8	2-Chlorophenol	400		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	384		50	27	13
218-01-9	Chrysene	523		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	506		6.7	3.3	3.3
132-64-9	Dibenzofuran	447		50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	323		50	27	9.7
541-73-1	1,3-Dichlorobenzene	314		50	27	11
106-46-7	1,4-Dichlorobenzene	393		50	27	20
91-94-1	3,3'-Dichlorobenzidine	325		100	80	18
120-83-2	2,4-Dichlorophenol	474		150	27	20
84-66-2	Diethyl phthalate	477		50	27	16
105-67-9	2,4-Dimethylphenol	296		150	80	20
131-11-3	Dimethyl phthalate	478		50	27	17
84-74-2	Di-n-butyl phthalate	518		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69993/24-A

Matrix: Solid | Lab File ID: 21231008.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/24/2012 09:50

Sample wt/vol: 30.00(g) | Date Analyzed: 12/31/2012 11:53

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.: 70697 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	480		150	80	80
51-28-5	2,4-Dinitrophenol	364		330	80	80
121-14-2	2,4-Dinitrotoluene	428		200	27	27
606-20-2	2,6-Dinitrotoluene	436		200	27	21
117-84-0	Di-n-octyl phthalate	465		50	27	27
206-44-0	Fluoranthene	496		6.7	3.3	3.3
86-73-7	Fluorene	465		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	406		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	378		50	27	27
77-47-4	Hexachlorocyclopentadiene	334		330	27	27
67-72-1	Hexachloroethane	331		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	539		6.7	3.3	3.3
78-59-1	Isophorone	484		50	27	13
91-57-6	2-Methylnaphthalene	459		6.7	3.3	3.3
95-48-7	2-Methylphenol	364		200	80	80
15831-10-4	3 & 4 Methylphenol	773		400	80	20
91-20-3	Naphthalene	455		6.7	3.3	3.3
88-74-4	2-Nitroaniline	499		200	27	9.1
99-09-2	3-Nitroaniline	451		200	80	16
100-01-6	4-Nitroaniline	499		200	27	26
98-95-3	Nitrobenzene	393		100	3.3	2.2
88-75-5	2-Nitrophenol	488		50	27	27
100-02-7	4-Nitrophenol	475		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	397		50	27	27
86-30-6	N-Nitrosodiphenylamine	483		50	27	21
87-86-5	Pentachlorophenol	334		150	80	80
85-01-8	Phenanthrene	489		6.7	3.3	3.3
108-95-2	Phenol	406		50	27	27
129-00-0	Pyrene	487		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	383		50	27	27
95-95-4	2,4,5-Trichlorophenol	478		150	27	25
88-06-2	2,4,6-Trichlorophenol	469		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69993/24-A

Matrix: Solid | Lab File ID: 21231008.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 12/24/2012 09:50

Sample wt/vol: 30.00(g) | Date Analyzed: 12/31/2012 11:53

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.: 70697 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	54		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)	60		40-100
1718-51-0	Terphenyl-d14 (Surr)	63		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	69		35-125

Report Date: 02-Jan-2013 12:45:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231008.D
Lims ID: LCS 240-69993/24-A Client ID:
Inject. Date: 31-Dec-2012 11:53:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016305-008
Misc. Info.: LCS 240-69993/24-A
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 70697 Lims Sample ID: 8
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\8270_hp7.m
Last Update: 02-Jan-2013 12:44:45 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: XAWRK026

First Level Reviewer: gruberj Date: 31-Dec-2012 12:48:51

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.816	5.816	0.0	95	226763	4.00	
* 2 Naphthalene-d8	136	6.933	6.933	0.0	100	772156	4.00	
* 3 Acenaphthene-d10	164	8.426	8.426	0.0	89	473149	4.00	
* 4 Phenanthrene-d10	188	9.677	9.677	0.0	98	745454	4.00	
* 5 Chrysene-d12	240	12.170	12.170	0.0	85	796457	4.00	
* 6 Perylene-d12	264	14.186	14.186	0.0	94	644323	4.00	
$ 7 2-Fluorophenol	112	4.553	4.543	0.010	94	629675	9.05	
$ 8 Phenol-d5	99	5.463	5.457	0.005	91	830351	8.97	
$ 9 Nitrobenzene-d5	82	6.302	6.302	0.0	93	487074	5.73	
$ 10 2-Fluorobiphenyl (Surr)	172	7.843	7.843	0.0	100	918737	5.42	
$ 11 2,4,6-Tribromophenol	330	9.089	9.089	0.0	94	165024	10.4	
$ 12 Terphenyl-d14	244	11.014	11.015	-0.001	98	1024167	6.28	
24 1,4-Dioxane	88	2.243	2.254	-0.011	94	70286	2.19	
25 N-Nitrosodimethylamine	74	2.687	2.697	-0.010	88	264180	5.98	
26 Pyridine	79	2.735	2.746	-0.011	89	392225	4.98	
30 2-Picoline	93	3.858	3.913	-0.055	93	417757	5.38	
36 Ethyl methanesulfonate	79	5.088	5.112	-0.024	96	342334	6.10	
40 Benzaldehyde	77	5.414	5.415	-0.001	94	386290	5.27	
41 Phenol	94	5.479	5.473	0.006	98	590333	6.08	
43 Aniline	93	5.511	5.511	0.0	96	478048	3.79	
44 Bis(2-chloroethyl)ether	93	5.569	5.570	-0.001	93	461096	4.90	
46 2-Chlorophenol	128	5.623	5.618	0.005	91	459678	6.00	
47 1,3-Dichlorobenzene	146	5.762	5.762	0.0	95	468362	4.71	
48 1,4-Dichlorobenzene	146	5.832	5.832	0.0	82	486333	5.89	
49 Benzyl alcohol	108	5.928	5.928	0.0	87	285908	5.98	
50 1,2-Dichlorobenzene	146	5.965	5.965	0.0	88	461400	4.84	
51 2-Methylphenol	108	6.024	6.019	0.005	98	380346	5.46	
52 2,2'-oxybis[1-chloropropane]	45	6.051	6.051	0.0	90	659036	4.91	
191 3 & 4 Methylphenol	108	6.158	6.153	0.005	91	867581	11.6	
56 N-Nitrosodi-n-propylamine	70	6.163	6.163	0.0	89	332930	5.95	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
57 Acetophenone	105	6.169	6.169	0.0	89	619366	5.73	
60 Hexachloroethane	117	6.270	6.270	0.0	91	194097	4.96	
61 Nitrobenzene	77	6.318	6.324	-0.006	89	519353	5.90	
63 Isophorone	82	6.527	6.527	0.0	99	930751	7.27	
65 2-Nitrophenol	139	6.602	6.602	0.0	97	231156	7.31	
64 2,4-Dimethylphenol	107	6.618	6.618	0.0	97	291925	4.45	
69 Benzoic acid	122	6.650	6.682	-0.032	79	50563	2.37	
68 Bis(2-chloroethoxy)methane	93	6.703	6.704	-0.001	95	554311	5.77	
71 2,4-Dichlorophenol	162	6.805	6.805	0.0	97	364325	7.11	
72 1,2,4-Trichlorobenzene	180	6.880	6.880	0.0	90	394542	5.74	
73 Naphthalene	128	6.955	6.955	0.0	96	1288278	6.83	
74 4-Chloroaniline	127	6.987	6.987	0.0	83	426858	5.36	
77 Hexachlorobutadiene	225	7.051	7.051	0.0	93	211722	5.68	
80 Quinoline	129	7.238	7.233	0.005	96	805976	7.16	
83 Caprolactam	113	7.265	7.271	-0.006	71	138202	8.15	
84 4-Chloro-3-methylphenol	107	7.383	7.383	0.0	93	391641	7.14	
93 Safrole, Total	162	7.452	7.465	-0.013	86	323196	6.69	
85 2-Methylnaphthalene	142	7.538	7.538	0.0	89	852269	6.88	
86 1-Methylnaphthalene	142	7.623	7.624	-0.001	91	806234	6.95	
88 Hexachlorocyclopentadiene	237	7.671	7.672	-0.001	89	200057	5.00	
90 2,4,6-Trichlorophenol	196	7.773	7.768	0.005	90	261827	7.03	
91 2,4,5-Trichlorophenol	196	7.800	7.800	0.0	94	291328	7.17	
95 1,1'-Biphenyl	154	7.928	7.934	-0.006	95	986463	6.34	
98 2-Chloronaphthalene	162	7.955	7.955	0.0	97	832473	5.63	
100 2-Nitroaniline	65	8.030	8.030	0.0	79	312989	7.48	
104 1,3-Dinitrobenzene	168	8.142	8.155	-0.013	83	134510	5.85	
103 Dimethyl phthalate	163	8.169	8.169	0.0	97	974276	7.17	
102 1,4-Dinitrobenzene	168	8.206	8.214	-0.008	87	155973	7.82	
105 2,6-Dinitrotoluene	165	8.228	8.228	0.0	87	225613	6.55	
106 1,2-Dinitrobenzene	168	8.276	8.276	0.0	89	110379	6.27	
107 Acenaphthylene	152	8.308	8.308	0.0	92	1321350	6.80	
108 3-Nitroaniline	138	8.372	8.372	0.0	91	226532	6.77	
110 Acenaphthene	153	8.452	8.453	-0.001	87	809503	6.68	
109 2,4-Dinitrophenol	184	8.463	8.458	0.005	80	76679	5.45	
111 4-Nitrophenol	109	8.490	8.490	0.0	94	144364	7.12	
112 2,4-Dinitrotoluene	165	8.565	8.565	0.0	82	302830	6.42	
114 Dibenzofuran	168	8.597	8.597	0.0	85	1197303	6.70	
115 2,3,5,6-Tetrachlorophenol	232	8.656	8.656	0.0	91	205585	6.37	
117 2,3,4,6-Tetrachlorophenol	232	8.693	8.701	-0.007	72	200501	6.14	
119 Diethyl phthalate	149	8.757	8.757	0.0	96	970590	7.15	
121 4-Chlorophenyl phenyl ether	204	8.875	8.875	0.0	93	456667	5.76	
124 Fluorene	166	8.886	8.886	0.0	81	993098	6.97	
123 4-Nitroaniline	138	8.886	8.886	0.0	57	248256	7.49	
126 4,6-Dinitro-2-methylphenol	198	8.907	8.913	-0.006	81	160221	7.20	
130 N-Nitrosodiphenylamine	169	8.971	8.966	0.005	0	731800	7.25	
131 Azobenzene	77	9.009	9.009	0.0	99	1143892	7.35	
129 1,2-Diphenylhydrazine	77	9.009	9.009	0.0	0	1143892	7.35	
135 Phenacetin	108	9.212	9.219	-0.007	91	491312	7.96	
136 Phorate	121	9.212	9.225	-0.013	92	179353	7.79	
137 4-Bromophenyl phenyl ether	248	9.287	9.287	0.0	68	284724	6.59	
139 Hexachlorobenzene	284	9.351	9.351	0.0	88	261751	6.08	
140 Atrazine	200	9.399	9.399	0.0	88	269164	9.47	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.506	9.506	0.0	83	123525	5.02	
142 Pronamide	173	9.533	9.546	-0.013	89	408622	7.26	
146 Phenanthrene	178	9.699	9.699	0.0	97	1468853	7.34	
147 Anthracene	178	9.741	9.742	-0.001	97	1504935	7.53	
149 Carbazole	167	9.870	9.865	0.005	82	1423590	7.44	
151 Di-n-butyl phthalate	149	10.127	10.127	-0.001	100	1679794	7.76	
157 Fluoranthene	202	10.699	10.699	0.0	98	1633579	7.44	
160 Pyrene	202	10.902	10.902	0.0	96	1683931	7.31	
162 Chlorobenzilate	139	11.180	11.188	-0.008	87	464521	6.60	
166 Butyl benzyl phthalate	149	11.480	11.480	0.0	97	711882	7.61	
173 3,3'-Dichlorobenzidine	252	12.106	12.106	0.0	69	369368	4.88	
171 Bis(2-ethylhexyl) phthalate	149	12.127	12.127	0.0	96	1026954	7.43	
175 Benzo[a]anthracene	228	12.154	12.159	-0.005	99	1529931	7.43	
176 Chrysene	228	12.202	12.202	0.0	93	1529603	7.84	
178 Di-n-octyl phthalate	149	13.009	13.010	-0.001	99	1540992	6.98	
180 Benzo[b]fluoranthene	252	13.614	13.619	-0.005	93	1376086	7.15	
181 Benzo[k]fluoranthene	252	13.657	13.657	0.0	95	1516285	7.35	
182 Benzo[a]pyrene	252	14.101	14.106	-0.005	76	1268123	7.01	
186 Indeno[1,2,3-cd]pyrene	276	15.796	15.802	-0.006	93	1550518	8.08	
187 Dibenz(a,h)anthracene	278	15.828	15.828	0.0	71	1240786	7.60	
188 Benzo[g,h,i]perylene	276	16.219	16.224	-0.005	89	1364633	8.12	

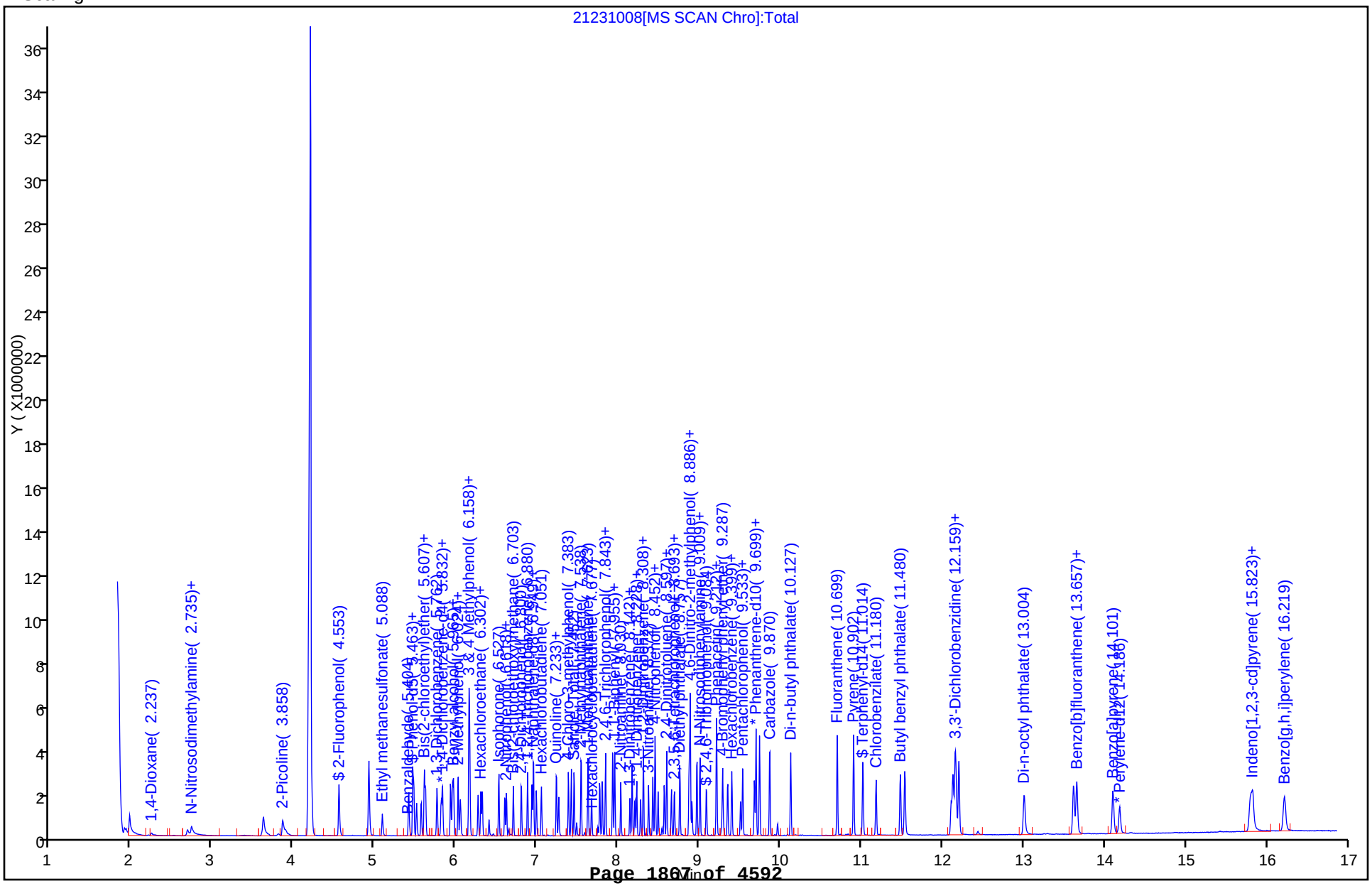
Report Date: 02-Jan-2013 12:45:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231008.D

Injection Date:	31-Dec-2012 11:53:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70697	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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68962/3

Matrix: Water | Lab File ID: 21217003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/17/2012 10:54

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68962 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.49		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.55		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.67		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.61		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.48		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.92		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	6.10		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	11.4		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	5.33		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.11		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.09		0.0010	0.00010	0.00010
108-60-1	bis (2-chloroisopropyl) ether	4.92		0.0010	0.00080	0.00040
117-81-7	Bis(2-ethylhexyl) phthalate	5.45		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.81		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.23		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.59		0.0010	0.00080	0.00028
106-47-8	4-Chloroaniline	5.30		0.0020	0.00080	0.00080
59-50-7	4-Chloro-3-methylphenol	5.76		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.38		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.33		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.66		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.59		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.79		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	5.31		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.28		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.35		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.46		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.44		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.88		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.77		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.97		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.66		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.70		0.0010	0.00080	0.00067

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68962/3

Matrix: Water | Lab File ID: 21217003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/17/2012 10:54

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68962 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	5.40		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	11.5		0.0050	0.0024	0.0024
121-14-2	2,4-Dinitrotoluene	5.56		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.50		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.47		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.83		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.56		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.56		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	6.16		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.61		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.28		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.69		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.51		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.59		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.30		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.15		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.44		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.53		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.56		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.38		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.49		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.65		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	6.43		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.32		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.43		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	11.8		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	5.40		0.00020	0.00010	0.00010
108-95-2	Phenol	5.21		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.53		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.62		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.68		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.79		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68962/3

Matrix: Water | Lab File ID: 21217003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/17/2012 10:54

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68962 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	112	Q	70-130
367-12-4	2-Fluorophenol (Surr)	105		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	108		50-150
4165-62-2	Phenol-d5 (Surr)	105		50-150
1718-51-0	Terphenyl-d14 (Surr)	107		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	119		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217003.D
Lims ID: mrl qc
Client ID:
Inject. Date: 17-Dec-2012 10:54:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015912-003
Misc. Info.: mrl qc
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 68962
Lims Sample ID: 3
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\8270_hp7.m
Last Update: 18-Dec-2012 09:22:49
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: gruberj
Date: 17-Dec-2012 11:18:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.794	5.794	0.0	95	187055	4.00	
* 2 Naphthalene-d8	136	6.918	6.918	0.0	100	708260	4.00	
* 3 Acenaphthene-d10	164	8.415	8.415	0.0	91	416627	4.00	
* 4 Phenanthrene-d10	188	9.667	9.672	-0.005	98	721236	4.00	
* 5 Chrysene-d12	240	12.148	12.148	0.0	94	774332	4.00	
* 6 Perylene-d12	264	14.160	14.160	0.0	93	632610	4.00	
$ 7 2-Fluorophenol	112	4.489	4.484	0.005	92	302173	5.23	
$ 8 Phenol-d5	99	5.441	5.441	0.0	94	386226	5.26	
$ 9 Nitrobenzene-d5	82	6.286	6.292	-0.006	90	336860	5.41	
$ 10 2-Fluorobiphenyl (Surr)	172	7.832	7.832	0.0	99	757636	5.61	
$ 11 2,4,6-Tribromophenol	330	9.078	9.078	0.0	93	102500	5.95	
$ 12 Terphenyl-d14	244	11.004	11.004	0.0	99	766462	5.34	
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
21 Octachlorostyrene	1		0.000					
13 Bis(2-hydroxyphenyl)methane	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					
16 2,3-Dichlorophenol	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
15 Catechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
24 1,4-Dioxane	88	1.927	1.933	-0.006	96	92707	4.27	
25 N-Nitrosodimethylamine	74	2.403	2.409	-0.006	77	132696	3.79	
26 Pyridine	79	2.451	2.451	0.0	93	285926	4.60	
27 Ethyl methacrylate	69	3.254	3.254	0.0	90	241846	4.68	
232 1-Methyl-2-pyrrilidinone	99	3.200	3.271	-0.071	0	4130	0	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.740	3.740	0.0	87	178237	5.17	
30 2-Picoline	93		3.854					
31 N-Nitrosomethylethylamine	88		4.020					
32 Malononitrile	66	4.163	4.163	0.0	99	327215	5.03	
33 Acrylamide	71	4.131	4.168	-0.037	1	56	0	
34 Methyl methanesulfonate	80		4.394					9
29 3-Picoline	93		4.448					9
233 n,n'-Dimethylacetamide	44		4.491					14
35 N-Nitrosodiethylamine	102		4.828					
36 Ethyl methanesulfonate	79		5.138					9
42 Phenylmercaptan	110		5.323					
37 2-Methylcyclohexanone	68	5.366	5.346	0.020	1	61	0	
38 3-Methylcyclohexanone	69	5.393	5.384	0.009	1	62	0	
40 Benzaldehyde	77	5.388	5.388	0.0	90	255213	5.23	
39 4-Methylcyclohexanone	55	5.452	5.437	0.015	30	34917	0	
41 Phenol	94	5.452	5.452	0.0	96	407572	5.21	
43 Aniline	93	5.484	5.484	0.0	87	486046	4.97	
44 Bis(2-chloroethyl)ether	93	5.543	5.543	0.0	95	307572	5.09	
46 2-Chlorophenol	128	5.596	5.596	0.0	95	337264	5.33	
45 Pentachloroethane	167		5.608					
47 1,3-Dichlorobenzene	146	5.741	5.741	0.0	96	364596	5.35	
48 1,4-Dichlorobenzene	146	5.810	5.810	0.0	93	369697	5.46	
49 Benzyl alcohol	108	5.912	5.912	0.0	90	207698	5.33	
53 Indene	115		5.922					
50 1,2-Dichlorobenzene	146	5.944	5.944	0.0	85	340664	5.28	
51 2-Methylphenol	108	6.008	6.008	0.0	97	302277	5.30	
52 2,2'-oxybis[1-chloropropane]	45	6.035	6.035	0.0	89	436619	4.92	
191 3 & 4 Methylphenol	108	6.142	6.142	0.0	96	307773	5.15	
56 N-Nitrosodi-n-propylamine	70	6.147	6.147	0.0	90	225531	5.32	
57 Acetophenone	105	6.153	6.153	0.0	94	455784	5.39	
55 N-Nitrosopyrrolidine	100		6.202					
58 N-Nitrosomorpholine	56		6.240					9
60 Hexachloroethane	117	6.249	6.249	0.0	91	145393	5.28	
59 2-Toluidine	106		6.256					
61 Nitrobenzene	77	6.308	6.308	0.0	85	353079	5.49	
63 Isophorone	82	6.511	6.511	0.0	99	622357	5.51	
62 N-Nitrosopiperidine	114		6.512					
65 2-Nitrophenol	139	6.586	6.586	0.0	95	171223	5.65	
66 1,3,5-Trichlorobenzene	180	6.591	6.591	0.0	93	307375	5.47	
64 2,4-Dimethylphenol	107	6.607	6.607	0.0	97	355194	5.97	
69 Benzoic acid	122	6.666	6.682	-0.016	86	420980	11.4	
68 Bis(2-chloroethoxy)methane	93	6.693	6.693	0.0	95	366785	5.11	
67 o,o',o''-Triethylphosphorothioat	198		6.732					
71 2,4-Dichlorophenol	162	6.789	6.789	0.0	95	276627	5.88	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.865					9
72 1,2,4-Trichlorobenzene	180	6.864	6.869	-0.005	93	315309	5.62	
73 Naphthalene	128	6.939	6.939	0.0	96	962893	5.44	
74 4-Chloroaniline	127	6.976	6.976	0.0	83	399459	5.30	
77 Hexachlorobutadiene	225	7.035	7.035	0.0	94	187283	6.16	
79 Benzothiazole	135		7.056					9
75 2,6-Dichlorophenol	162		7.058					9
78 1,2,3-Trichlorobenzene	180	7.062	7.062	0.0	91	285509	0	
76 Hexachloropropene	213		7.085					9
80 Quinoline	129		7.120					9
83 Caprolactam	113	7.260	7.265	-0.005	75	102983	5.69	
81 N-Nitrosodi-n-butylamine	84		7.320					9
82 p-Phenylene diamine	108		7.347					9
84 4-Chloro-3-methylphenol	107	7.377	7.377	0.0	93	291290	5.76	
93 Safrole, Total	162		7.513					
85 2-Methylnaphthalene	142	7.527	7.527	0.0	91	633184	5.59	
86 1-Methylnaphthalene	142	7.613	7.613	0.0	90	590792	5.48	
88 Hexachlorocyclopentadiene	237	7.656	7.656	0.0	70	155572	4.61	
87 1,2,3,5-Tetrachlorobenzene	216	7.656	7.656	0.0	95	305702	5.40	
89 1,2,4,5-Tetrachlorobenzene	216		7.743					
225 Isosafrole Peak 1	162		7.759					
90 2,4,6-Trichlorophenol	196	7.763	7.763	0.0	92	203302	5.79	
91 2,4,5-Trichlorophenol	196	7.795	7.795	0.0	95	214768	5.68	
97 3,4-Dichloronitrobenzene	109		7.848					
94 2,4-Toluene diamine	121	7.902	7.902	0.0	96	218276	6.05	
99 Phenyl ether	170		7.907					9
96 1,2,3,4 -Tetrachlorobenzene	216	7.912	7.912	0.0	93	297103	0	
95 1,1'-Biphenyl	154	7.918	7.918	0.0	93	827102	5.62	
98 2-Chloronaphthalene	162	7.944	7.944	0.0	97	618925	5.38	
227 Isosafrole Peak 2	162		7.951					
100 2-Nitroaniline	65	8.019	8.019	0.0	79	186865	5.53	
103 Dimethyl phthalate	163	8.158	8.164	-0.006	98	692468	5.66	
101 1,4-Naphthoquinone	158		8.165					
102 1,4-Dinitrobenzene	168		8.208					
105 2,6-Dinitrotoluene	165	8.223	8.223	0.0	95	149339	5.50	
106 1,2-Dinitrobenzene	168	8.271	8.271	0.0	91	81325	5.99	
104 1,3-Dinitrobenzene	168		8.272					
107 Acenaphthylene	152	8.297	8.297	0.0	91	1055100	5.55	
108 3-Nitroaniline	138	8.367	8.367	0.0	92	170412	5.56	
110 Acenaphthene	153	8.442	8.442	0.0	91	627516	5.49	
109 2,4-Dinitrophenol	184	8.453	8.453	0.0	82	202616	11.5	
111 4-Nitrophenol	109	8.485	8.490	-0.005	96	113491	6.43	
112 2,4-Dinitrotoluene	165	8.560	8.560	0.0	84	203185	5.56	
114 Dibenzofuran	168	8.586	8.586	0.0	87	901486	5.31	
113 Pentachlorobenzene	250		8.625					9
115 2,3,5,6-Tetrachlorophenol	232	8.645	8.645	0.0	93	185195	5.94	
116 1-Naphthylamine	143		8.727					9
119 Diethyl phthalate	149	8.747	8.752	-0.005	97	738423	5.77	
117 2,3,4,6-Tetrachlorophenol	232		8.759					
118 2-Naphthylamine	143		8.791					9
121 4-Chlorophenyl phenyl ether	204	8.864	8.864	0.0	91	364782	5.66	
124 Fluorene	166	8.875	8.875	0.0	89	757917	5.56	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.880	8.880	0.0	71	176738	5.38	
120 Thionazin	97		8.892					9
126 4,6-Dinitro-2-methylphenol	198	8.902	8.907	-0.005	82	119375	5.40	
122 N-Nitro-o-toluidine	152		8.951					
130 N-Nitrosodiphenylamine	169	8.961	8.961	0.0	0	539880	5.43	
125 Tributyl phosphate	99		8.983					9
131 Azobenzene	77	8.998	8.998	0.0	99	745481	5.31	
129 1,2-Diphenylhydrazine	77	8.998	8.998	0.0	0	745701	5.31	
128 Diphenylamine	169		9.032					
132 Sulfotepp	202		9.139					
133 1,3,5-Trinitrobenzene	213		9.245					
228 Diallate Peak 1	86		9.267					24
137 4-Bromophenyl phenyl ether	248	9.276	9.276	0.0	64	213690	5.81	
136 Phorate	121		9.278					9
135 Phenacetin	108		9.278					9
139 Hexachlorobenzene	284	9.340	9.340	0.0	89	210603	5.56	
230 Diallate Peak 2	86		9.342					19
140 Atrazine	200	9.394	9.394	0.0	92	183091	6.76	
138 Dimethoate	87		9.422					9
141 Pentachlorophenol	266	9.501	9.501	0.0	90	295540	11.8	
127 4-Aminobiphenyl	169		9.572					9
143 Pentachloronitrobenzene	237		9.582					9
142 Pronamide	173		9.599					
146 Phenanthrene	178	9.688	9.688	0.0	97	1064958	5.40	
144 Disulfoton	88		9.711					9
145 Dinoseb	211		9.711					
147 Anthracene	178	9.731	9.731	0.0	97	1109744	5.67	
148 DFTPP								
149 Carbazole	167	9.859	9.859	0.0	82	1062984	5.59	
152 Diphenylsulfone	125		10.025					
150 Methyl parathion	109		10.032					
151 Di-n-butyl phthalate	149	10.116	10.116	0.0	100	1216700	5.70	
153 Ethyl Parathion	97		10.353					9
154 4-Nitroquinoline-1-oxide	190		10.411					
155 Methapyrilene	58		10.449					
156 Isodrin	66		10.641					
157 Fluoranthene	202	10.694	10.694	0.0	96	1269210	5.83	
158 Benzidine	184	10.785	10.785	0.0	99	694569	5.54	
160 Pyrene	202	10.892	10.892	0.0	99	1366678	5.53	
164 4,4'-DDE	246		10.950					9
226 Aramite Peak 1	185		11.043					
229 Aramite Peak 2	185		11.112					
161 p-Dimethylamino azobenzene	225		11.219					
162 Chlorobenzilate	139		11.251					
163 4,4'-DDD	235		11.303					
166 Butyl benzyl phthalate	149	11.464	11.464	0.0	98	517488	5.23	
165 Famphur	218		11.503					
167 3,3'-Dimethylbenzidine	212		11.561					9
168 4,4'-DDT	235		11.581					9
169 2-Acetylaminofluorene	181		11.845					
174 Hexabromobenzene	232		12.020					
170 3,3'-Dimethoxybenzidine	244	12.047	12.047	0.0	93	261846	5.38	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.090	12.090	0.0	69	219780	5.72	
173 3,3'-Dichlorobenzidine	252	12.090	12.090	0.0	66	459276	5.44	
171 Bis(2-ethylhexyl) phthalate	149	12.106	12.106	0.0	96	761775	5.45	
175 Benzo[a]anthracene	228	12.138	12.138	0.0	97	1212264	5.61	
176 Chrysene	228	12.181	12.186	-0.005	94	1151392	5.59	
177 6-Methylchrysene	242		12.597					
178 Di-n-octyl phthalate	149	12.978	12.978	0.0	99	1193634	5.47	
180 Benzo[b]fluoranthene	252	13.593	13.593	0.0	94	1194395	5.92	
181 Benzo[k]fluoranthene	252	13.630	13.635	-0.005	99	1220584	5.57	
179 7,12-Dimethylbenz(a)anthracene	256		13.712					
182 Benzo[a]pyrene	252	14.079	14.079	0.0	76	1116872	5.48	
183 3-Methylcholanthrene	268		14.755					9
184 Dibenz[a,j]acridine	279		15.208					
185 Dibenz[a,h]acridine	279		15.277					
186 Indeno[1,2,3-cd]pyrene	276	15.775	15.780	-0.005	98	1281111	5.69	
187 Dibenz(a,h)anthracene	278	15.802	15.802	0.0	68	1112044	5.79	
188 Benzo[g,h,i]perylene	276	16.192	16.197	-0.005	94	1104101	6.10	
S 189 Methyl Phenols,Total	100				0		5.30	
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	7.233	0.0	7.233	90	56537	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.040	3.050	-0.010	1	56	0	
T 194 Octadecane (TIC)	254		6.300					1
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					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

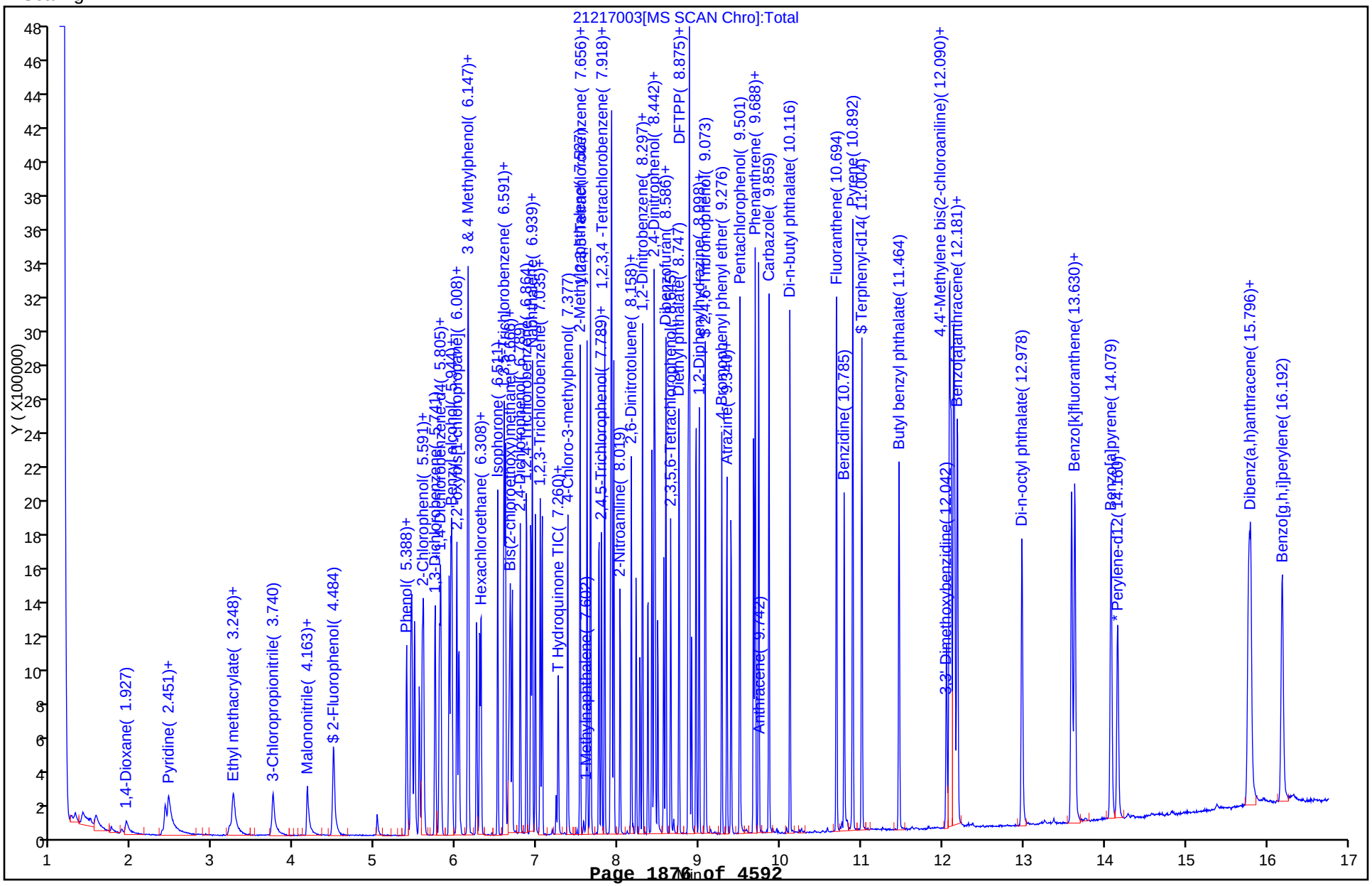
Report Date: 18-Dec-2012 09:22:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217003.D

Injection Date:	17-Dec-2012 10:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	68962	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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68962/10

Matrix: Water | Lab File ID: 21217010.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/17/2012 13:15

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68962 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.58		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.61		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.64		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.74		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	5.39		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.84		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	10.6		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.91		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.35		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.02		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.13		0.0010	0.00010	0.00010
108-60-1	bis (2-chloroisopropyl) ether	4.83		0.0010	0.00080	0.00040
117-81-7	Bis(2-ethylhexyl) phthalate	5.61		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.73		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.45		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.45		0.0010	0.00080	0.00028
106-47-8	4-Chloroaniline	5.40		0.0020	0.00080	0.00080
59-50-7	4-Chloro-3-methylphenol	5.82		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.39		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.44		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.81		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.73		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.38		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	5.61		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.38		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.25		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.38		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.58		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.90		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.83		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.71		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.85		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.61		0.0010	0.00080	0.00067

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68962/10

Matrix: Water | Lab File ID: 21217010.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/17/2012 13:15

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68962 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	5.40		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	11.6		0.0050	0.0024	0.0024
121-14-2	2,4-Dinitrotoluene	5.75		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.61		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.24		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.74		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.75		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.55		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	6.00		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.58		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.14		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.51		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.49		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.63		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.32		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.23		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.51		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.78		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.83		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.43		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.46		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.55		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	6.65	^	0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.26		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.36		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	11.6		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	5.46		0.00020	0.00010	0.00010
108-95-2	Phenol	5.29		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.48		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.64		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.98		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.96		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68962/10

Matrix: Water | Lab File ID: 21217010.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/17/2012 13:15

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68962 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	110		70-130
367-12-4	2-Fluorophenol (Surr)	102		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	109		50-150
4165-62-2	Phenol-d5 (Surr)	105		50-150
1718-51-0	Terphenyl-d14 (Surr)	110		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	127	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217010.D
Lims ID: mrl qccl
Client ID:
Inject. Date: 17-Dec-2012 13:15:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015912-010
Misc. Info.: mrl qccl
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 10
Lims Batch ID: 68962
Lims Sample ID: 10
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\8270_hp7.m
Last Update: 18-Dec-2012 13:35:21
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: gruberj
Date: 18-Dec-2012 13:35:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.794	5.794	0.0	95	203289	4.00	
* 2 Naphthalene-d8	136	6.918	6.918	0.0	100	769180	4.00	
* 3 Acenaphthene-d10	164	8.415	8.415	0.0	91	451301	4.00	
* 4 Phenanthrene-d10	188	9.667	9.672	-0.005	97	814919	4.00	
* 5 Chrysene-d12	240	12.148	12.148	0.0	98	839334	4.00	
* 6 Perylene-d12	264	14.160	14.160	0.0	94	725533	4.00	
$ 7 2-Fluorophenol	112	4.484	4.484	0.0	94	319302	5.08	
$ 8 Phenol-d5	99	5.441	5.441	0.0	89	420760	5.27	
$ 9 Nitrobenzene-d5	82	6.286	6.292	-0.006	92	369549	5.46	
$ 10 2-Fluorobiphenyl (Surr)	172	7.832	7.832	0.0	99	806724	5.51	
$ 11 2,4,6-Tribromophenol	330	9.078	9.078	0.0	94	118443	6.34	
$ 12 Terphenyl-d14	244	11.004	11.004	0.0	98	855768	5.51	
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
21 Octachlorostyrene	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					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
239 2,3,7,8 TCDF TIC	1		0.000					
15 Catechol	1		0.000					
24 1,4-Dioxane	88	1.922	1.933	-0.011	97	106082	4.50	
25 N-Nitrosodimethylamine	74	2.403	2.409	-0.006	83	174831	4.51	
26 Pyridine	79	2.446	2.451	-0.005	86	303615	4.49	
27 Ethyl methacrylate	69	3.243	3.254	-0.011	90	276493	4.92	
232 1-Methyl-2-pyrrilidinone	99	3.243	3.271	-0.028	0	24229	0	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.740	3.740	0.0	87	196676	5.25	
30 2-Picoline	93		3.854					
31 N-Nitrosomethylethylamine	88		4.020					
32 Malononitrile	66	4.163	4.163	0.0	99	361441	5.11	
33 Acrylamide	71		4.168					
34 Methyl methanesulfonate	80		4.394					9
29 3-Picoline	93		4.448					
233 n,n'-Dimethylacetamide	44		4.491					1
35 N-Nitrosodiethylamine	102		4.828					
36 Ethyl methanesulfonate	79		5.138					
42 Phenylmercaptan	110		5.323					
37 2-Methylcyclohexanone	68	5.441	5.346	0.095	27	15991	0	
38 3-Methylcyclohexanone	69	5.388	5.384	0.004	1	94	0	
40 Benzaldehyde	77	5.388	5.388	0.0	93	277207	5.23	
39 4-Methylcyclohexanone	55	5.452	5.437	0.015	30	39930	0	
41 Phenol	94	5.452	5.452	0.0	97	449647	5.29	
43 Aniline	93	5.484	5.484	0.0	87	518782	4.88	
44 Bis(2-chloroethyl)ether	93	5.543	5.543	0.0	95	336988	5.13	
46 2-Chlorophenol	128	5.596	5.596	0.0	95	374128	5.44	
45 Pentachloroethane	167		5.608					
47 1,3-Dichlorobenzene	146	5.741	5.741	0.0	96	388955	5.25	
48 1,4-Dichlorobenzene	146	5.810	5.810	0.0	92	395898	5.38	
49 Benzyl alcohol	108	5.912	5.912	0.0	90	226378	5.35	
53 Indene	115		5.922					9
50 1,2-Dichlorobenzene	146	5.944	5.944	0.0	87	377736	5.38	
51 2-Methylphenol	108	6.008	6.008	0.0	97	330062	5.32	
52 2,2'-oxybis[1-chloropropane]	45	6.035	6.035	0.0	89	465616	4.83	
191 3 & 4 Methylphenol	108	6.142	6.142	0.0	96	340259	5.23	
56 N-Nitrosodi-n-propylamine	70	6.147	6.147	0.0	91	242376	5.26	
57 Acetophenone	105	6.153	6.153	0.0	95	497327	5.41	
55 N-Nitrosopyrrolidine	100		6.202					
58 N-Nitrosomorpholine	56		6.240					9
60 Hexachloroethane	117	6.249	6.249	0.0	91	153779	5.14	
59 2-Toluidine	106		6.256					
61 Nitrobenzene	77	6.308	6.308	0.0	84	381653	5.46	
63 Isophorone	82	6.511	6.511	0.0	98	673598	5.49	
62 N-Nitrosopiperidine	114		6.512					
65 2-Nitrophenol	139	6.586	6.586	0.0	95	182558	5.55	
66 1,3,5-Trichlorobenzene	180	6.591	6.591	0.0	93	350509	5.75	
64 2,4-Dimethylphenol	107	6.607	6.607	0.0	95	368951	5.71	
69 Benzoic acid	122	6.671	6.682	-0.011	84	420730	10.6	
68 Bis(2-chloroethoxy)methane	93	6.693	6.693	0.0	93	391169	5.02	
67 o,o',o''-Triethylphosphorothioat	198		6.732					
71 2,4-Dichlorophenol	162	6.789	6.789	0.0	96	301333	5.90	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.865					9
72 1,2,4-Trichlorobenzene	180	6.864	6.869	-0.005	93	343748	5.64	
73 Naphthalene	128	6.939	6.939	0.0	95	1058360	5.51	
74 4-Chloroaniline	127	6.976	6.976	0.0	83	442779	5.40	
77 Hexachlorobutadiene	225	7.035	7.035	0.0	94	198147	6.00	
79 Benzothiazole	135		7.056					9
75 2,6-Dichlorophenol	162		7.058					9
78 1,2,3-Trichlorobenzene	180	7.062	7.062	0.0	90	319633	0	
76 Hexachloropropene	213		7.085					
80 Quinoline	129		7.120					9
83 Caprolactam	113	7.260	7.265	-0.005	76	113881	5.79	
81 N-Nitrosodi-n-butylamine	84		7.320					9
82 p-Phenylene diamine	108		7.347					9
84 4-Chloro-3-methylphenol	107	7.377	7.377	0.0	93	319622	5.82	
93 Safrole, Total	162		7.513					
85 2-Methylnaphthalene	142	7.527	7.527	0.0	89	692637	5.63	
86 1-Methylnaphthalene	142	7.613	7.613	0.0	90	651354	5.57	
88 Hexachlorocyclopentadiene	237	7.656	7.656	0.0	69	167449	4.58	
87 1,2,3,5-Tetrachlorobenzene	216	7.656	7.656	0.0	95	355080	5.79	
89 1,2,4,5-Tetrachlorobenzene	216		7.743					
225 Isosafrole Peak 1	162		7.759					
90 2,4,6-Trichlorophenol	196	7.763	7.763	0.0	92	226606	5.96	
91 2,4,5-Trichlorophenol	196	7.795	7.795	0.0	95	245171	5.98	
97 3,4-Dichloronitrobenzene	109		7.848					
94 2,4-Toluene diamine	121	7.902	7.902	0.0	96	231053	5.90	
99 Phenyl ether	170		7.907					9
96 1,2,3,4 -Tetrachlorobenzene	216	7.912	7.912	0.0	95	341248	0	
95 1,1'-Biphenyl	154	7.918	7.918	0.0	94	901974	5.66	
98 2-Chloronaphthalene	162	7.944	7.944	0.0	97	671419	5.39	
227 Isosafrole Peak 2	162		7.951					
100 2-Nitroaniline	65	8.019	8.019	0.0	80	211605	5.78	
103 Dimethyl phthalate	163	8.158	8.164	-0.006	98	775377	5.85	
101 1,4-Naphthoquinone	158		8.165					
102 1,4-Dinitrobenzene	168		8.208					
105 2,6-Dinitrotoluene	165	8.217	8.223	-0.006	92	165219	5.61	
106 1,2-Dinitrobenzene	168	8.265	8.271	-0.006	90	89880	6.11	
104 1,3-Dinitrobenzene	168		8.272					
107 Acenaphthylene	152	8.297	8.297	0.0	91	1155506	5.61	
108 3-Nitroaniline	138	8.367	8.367	0.0	94	193450	5.83	
110 Acenaphthene	153	8.442	8.442	0.0	92	690300	5.58	
109 2,4-Dinitrophenol	184	8.453	8.453	0.0	82	221686	11.6	
111 4-Nitrophenol	109	8.485	8.490	-0.005	96	127018	6.65	
112 2,4-Dinitrotoluene	165	8.560	8.560	0.0	86	228336	5.75	
114 Dibenzofuran	168	8.586	8.586	0.0	87	1031637	5.61	
113 Pentachlorobenzene	250		8.625					9
115 2,3,5,6-Tetrachlorophenol	232	8.645	8.645	0.0	91	201790	5.97	
116 1-Naphthylamine	143		8.727					9
119 Diethyl phthalate	149	8.747	8.752	-0.005	97	807918	5.83	
117 2,3,4,6-Tetrachlorophenol	232		8.759					
118 2-Naphthylamine	143		8.791					9
121 4-Chlorophenyl phenyl ether	204	8.864	8.864	0.0	91	405811	5.81	
124 Fluorene	166	8.875	8.875	0.0	85	847975	5.75	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.880	8.880	0.0	72	193268	5.43	
120 Thionazin	97		8.892					9
126 4,6-Dinitro-2-methylphenol	198	8.902	8.907	-0.005	83	134983	5.40	
122 N-Nitro-o-toluidine	152		8.951					9
130 N-Nitrosodiphenylamine	169	8.961	8.961	0.0	0	602301	5.36	
125 Tributyl phosphate	99		8.983					
131 Azobenzene	77	8.998	8.998	0.0	99	810534	5.11	
129 1,2-Diphenylhydrazine	77	8.998	8.998	0.0	0	810807	5.11	
128 Diphenylamine	169	8.961	9.032	-0.071	90	602301	4.89	
132 Sulfotepp	202		9.139					
133 1,3,5-Trinitrobenzene	213		9.245					
228 Diallate Peak 1	86		9.267					
137 4-Bromophenyl phenyl ether	248	9.276	9.276	0.0	64	237965	5.73	
136 Phorate	121		9.278					9
135 Phenacetin	108		9.278					9
139 Hexachlorobenzene	284	9.340	9.340	0.0	92	237417	5.55	
230 Diallate Peak 2	86		9.342					
140 Atrazine	200	9.389	9.394	-0.005	92	198616	6.49	
138 Dimethoate	87		9.422					9
141 Pentachlorophenol	266	9.501	9.501	0.0	86	328004	11.6	
127 4-Aminobiphenyl	169		9.572					9
143 Pentachloronitrobenzene	237		9.582					9
142 Pronamide	173		9.599					9
146 Phenanthrene	178	9.688	9.688	0.0	95	1215892	5.46	
144 Disulfoton	88		9.711					
145 Dinoseb	211		9.711					
147 Anthracene	178	9.731	9.731	0.0	97	1248544	5.64	
148 DFTPP								
149 Carbazole	167	9.859	9.859	0.0	82	1170292	5.45	
152 Diphenylsulfone	125		10.025					
150 Methyl parathion	109		10.032					
151 Di-n-butyl phthalate	149	10.116	10.116	0.0	100	1354448	5.61	
153 Ethyl Parathion	97		10.353					9
154 4-Nitroquinoline-1-oxide	190		10.411					
155 Methapyrilene	58		10.449					9
156 Isodrin	66		10.641					9
157 Fluoranthene	202	10.694	10.694	0.0	96	1410906	5.74	
158 Benzidine	184	10.785	10.785	0.0	99	730005	5.39	
160 Pyrene	202	10.892	10.892	0.0	97	1467714	5.48	
164 4,4'-DDE	246		10.950					9
226 Aramite Peak 1	185		11.043					
229 Aramite Peak 2	185		11.112					
161 p-Dimethylamino azobenzene	225		11.219					
162 Chlorobenzilate	139		11.251					9
163 4,4'-DDD	235		11.303					9
166 Butyl benzyl phthalate	149	11.464	11.464	0.0	97	585130	5.45	
165 Famphur	218		11.503					
167 3,3'-Dimethylbenzidine	212		11.561					9
168 4,4'-DDT	235		11.581					9
169 2-Acetylaminofluorene	181		11.845					
174 Hexabromobenzene	232		12.020					
170 3,3'-Dimethoxybenzidine	244	12.047	12.047	0.0	92	292919	5.53	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.084	12.090	-0.006	71	244643	5.87	
173 3,3'-Dichlorobenzidine	252	12.084	12.090	-0.006	70	510626	5.58	
171 Bis(2-ethylhexyl) phthalate	149	12.106	12.106	0.0	95	850825	5.61	
175 Benzo[a]anthracene	228	12.138	12.138	0.0	97	1343771	5.74	
176 Chrysene	228	12.181	12.186	-0.005	93	1279662	5.73	
177 6-Methylchrysene	242		12.597					
178 Di-n-octyl phthalate	149	12.978	12.978	0.0	99	1307690	5.24	
180 Benzo[b]fluoranthene	252	13.593	13.593	0.0	93	1247649	5.39	
181 Benzo[k]fluoranthene	252	13.630	13.635	-0.005	95	1486242	5.91	
179 7,12-Dimethylbenz(a)anthracene	256		13.712					
182 Benzo[a]pyrene	252	14.079	14.079	0.0	74	1259207	5.39	
183 3-Methylcholanthrene	268		14.755					9
184 Dibenz[a,j]acridine	279		15.208					
185 Dibenz[a,h]acridine	279		15.277					
186 Indeno[1,2,3-cd]pyrene	276	15.775	15.780	-0.005	94	1420582	5.51	
187 Dibenz(a,h)anthracene	278	15.796	15.802	-0.006	79	1181111	5.38	
188 Benzo[g,h,i]perylene	276	16.192	16.197	-0.005	94	1213986	5.84	
S 189 Methyl Phenols,Total	100				0		5.32	
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	7.233	0.0	7.233	91	56368	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.034	3.050	-0.016	1	68	0	
T 194 Octadecane (TIC)	254	15.384	6.300	9.084	80	22717	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

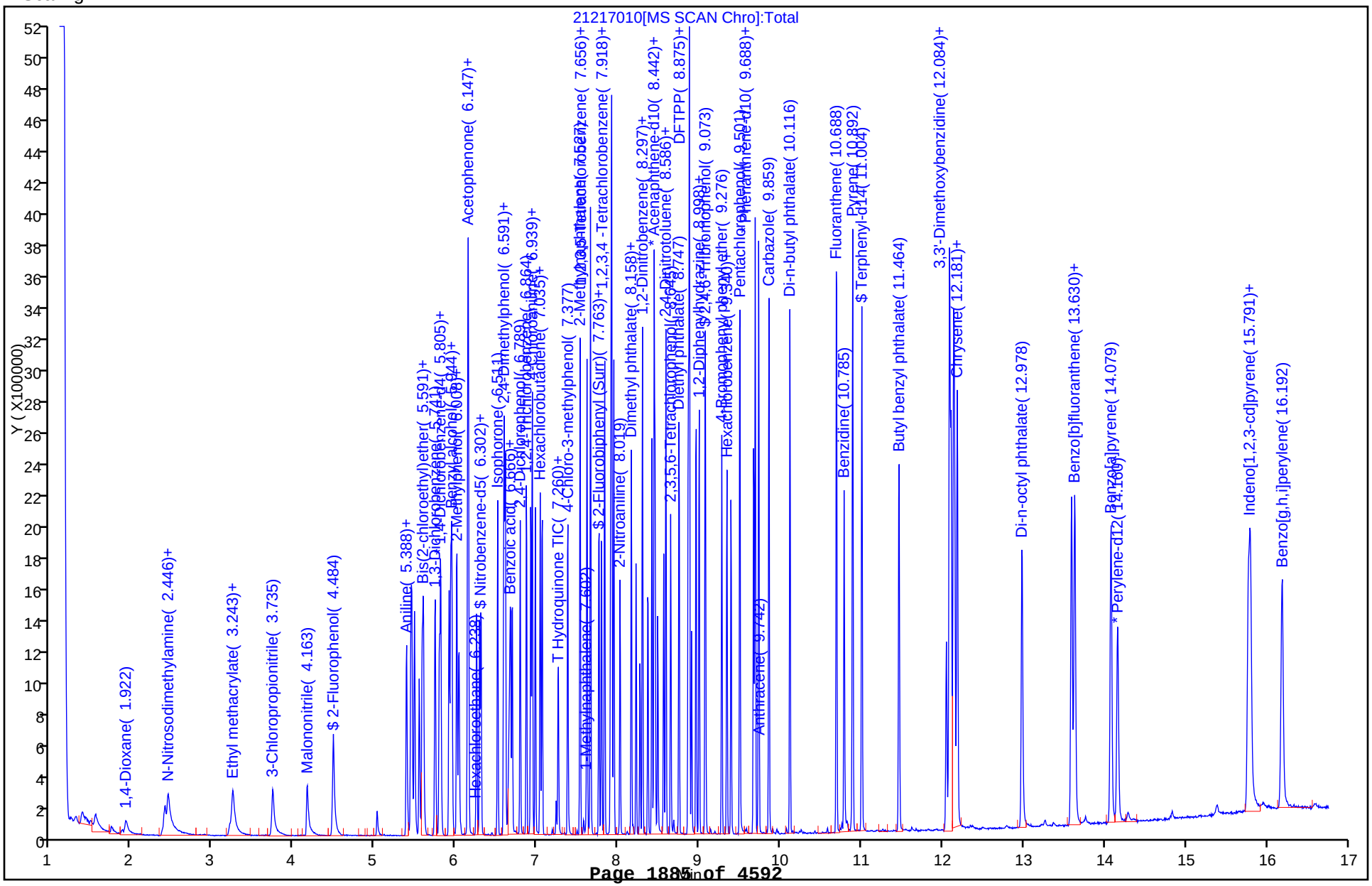
Report Date: 18-Dec-2012 13:35:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121217-15912.b\21217010.D

Injection Date:	17-Dec-2012 13:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	68962	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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69988/3

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 10:53

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.64		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.78		0.00020	0.00010	0.00010
120-12-7	Anthracene	4.88		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.02		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	4.91		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.71		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.00		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.70		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.13		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	5.10		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	4.89		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.27		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	4.99		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	5.17		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.71		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.06		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	4.81		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.28		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.62		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	4.92		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	4.90		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.04		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.21		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.06		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.32		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.91		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.02		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	5.06		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	10.6		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69988/3

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 10:53

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | 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	5.39		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.74		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.00		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.84		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.01		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.08		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.96		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.41		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.74		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.10		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.90		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.15		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.07		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.01		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.35		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.57		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	4.97		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.19		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.69		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.87		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.12		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.93		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.99		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.64		0.00020	0.00010	0.00010
108-95-2	Phenol	4.97		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.93		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	5.12		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	4.99		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69988/3

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 10:53

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	96		50-150
367-12-4	2-Fluorophenol (Surr)	102		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	108	Q	50-150
4165-62-2	Phenol-d5 (Surr)	102	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	98		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	106		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224003.D
Lims ID: mrl qc
Client ID:
Inject. Date: 24-Dec-2012 10:53:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016149-003
Misc. Info.: MRL QC =MRL QC
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 69988
Lims Sample ID: 3
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26
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: XAWRK027

First Level Reviewer: ulmanm
Date: 24-Dec-2012 11:32:30

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.988	5.988	0.0	89	135610	4.00	
* 2 Naphthalene-d8	136	7.093	7.094	-0.001	99	514360	4.00	
* 3 Acenaphthene-d10	164	8.589	8.589	0.0	75	310825	4.00	
* 4 Phenanthrene-d10	188	9.855	9.856	-0.001	91	542012	4.00	
* 5 Chrysene-d12	240	12.446	12.446	0.0	78	547346	4.00	
* 6 Perylene-d12	264	14.556	14.557	-0.001	76	443497	4.00	
$ 7 2-Fluorophenol	112	4.748	4.748	0.0	92	231850	5.10	
$ 8 Phenol-d5	99	5.624	5.625	-0.001	0	343452	5.12	
$ 9 Nitrobenzene-d5	82	6.468	6.469	-0.001	84	426404	5.42	
$ 10 2-Fluorobiphenyl (Surr)	172	8.002	8.002	0.0	99	600059	4.82	
$ 11 2,4,6-Tribromophenol	330	9.257	9.257	0.0	77	55301	5.30	
$ 12 Terphenyl-d14	244	11.223	11.223	0.0	96	608708	4.91	
20 Dimethylformamide	1		0.000					
13 Octachlorocyclopentene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88	2.649	2.644	0.005	89	127316	5.39	M
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	3.119	3.124	-0.005	76	197848	5.52	M
27 Pyridine	79	3.178	3.173	0.005	92	325397	5.10	M
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.765	3.771	-0.006	84	291704	5.30	M
232 1-Methyl-2-pyrrilidinone	99		3.880					
52 Indene	115		4.084					
29 3-Chloropropionitrile	54	4.123	4.118	0.005	84	161453	5.21	M
31 2-Picoline	93		4.161					
32 N-Nitrosomethylethylamine	88		4.294					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66	4.444	4.444	0.0	93	377333	5.34	
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					9
34 Methyl methanesulfonate	80		4.609					
30 3-Picoline	93		4.668					9
233 n,n'-Dimethylacetamide	44		4.684					
15 3-Methylcatechol	124		4.913					
36 N-Nitrosodiethylamine	102		5.010					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.288					9
38 2-Methylcyclohexanone	68		5.501					
39 3-Methylcyclohexanone	69		5.539					
40 4-Methylcyclohexanone	55		5.587					
41 Benzaldehyde	77	5.592	5.598	-0.006	85	326235	5.53	
43 Phenol	94	5.635	5.635	0.0	95	375069	4.97	
44 Aniline	93	5.688	5.689	-0.001	98	471624	5.02	
96 3,4-Dichloronitrobenzene	109		5.725					
69 Bis(2-chloroethyl)ether	93	5.736	5.737	-0.001	94	350771	4.89	
45 Pentachloroethane	167		5.752					
101 Phenyl ether	170		5.773					
46 2-Chlorophenol	128	5.795	5.796	-0.001	92	230547	5.06	
47 1,3-Dichlorobenzene	146	5.934	5.940	-0.006	88	289910	4.92	
48 1,4-Dichlorobenzene	146	6.004	6.004	0.0	86	234490	4.90	
49 Benzyl alcohol	108	6.094	6.095	-0.001	87	171855	5.12	
50 1,2-Dichlorobenzene	146	6.137	6.137	0.0	85	283707	4.97	
51 2-Methylphenol	108	6.180	6.180	0.0	96	255046	5.15	
53 2,2'-oxybis[1-chloropropane]	45	6.212	6.212	0.0	94	375999	5.22	
21 3 & 4 Methylphenol	108	6.308	6.308	0.0	90	263497	5.07	
56 N-Nitrosopyrrolidine	100		6.324					9
57 N-Nitrosodi-n-propylamine	70	6.324	6.324	0.0	72	239693	5.12	
58 Acetophenone	105	6.329	6.330	-0.001	86	378571	4.99	
59 N-Nitrosomorpholine	56		6.356					9
60 2-Toluidine	106		6.378					9
61 Hexachloroethane	117	6.436	6.437	-0.001	88	135913	5.41	
62 Nitrobenzene	77	6.484	6.485	-0.001	83	428502	5.19	
63 N-Nitrosopiperidine	114		6.629					
64 Isophorone	82	6.687	6.688	-0.001	95	643784	5.10	
66 2-Nitrophenol	139	6.757	6.762	-0.005	90	121220	5.69	
65 2,4-Dimethylphenol	107	6.773	6.773	0.0	97	291405	5.32	
67 1,3,5-Trichlorobenzene	180	6.768	6.773	-0.005	90	251267	5.01	
71 Benzoic acid	122	6.810	6.827	-0.017	85	266061	9.70	
68 o,o',o''-Triethylphosphorothioat	198		6.848					
70 Bis(2-chloroethoxy)methane	93	6.858	6.859	-0.001	96	436402	5.10	
73 2,4-Dichlorophenol	162	6.960	6.960	0.0	96	174078	5.21	
72 alpha,alpha-Dimethyl phenethylam	58		6.971					9
74 1,2,4-Trichlorobenzene	180	7.040	7.040	0.0	84	245982	5.02	
75 Naphthalene	128	7.115	7.115	0.0	96	678940	5.01	
76 4-Chloroaniline	127	7.147	7.147	0.0	80	271618	5.02	
77 2,6-Dichlorophenol	162		7.168					9
78 Hexachloropropene	213		7.200					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225	7.211	7.211	0.0	88	138328	5.08	
80 1,2,3-Trichlorobenzene	180		7.238					
83 N-Nitrosodi-n-butylamine	84		7.430					
84 Caprolactam	113	7.419	7.430	-0.011	77	79387	5.21	
85 p-Phenylene diamine	108		7.457					9
86 4-Chloro-3-methylphenol	107	7.531	7.532	-0.001	85	233441	5.17	
153 Diphenylsulfone	125		7.616					9
94 Safrole, Total	162		7.628					
87 2-Methylnaphthalene	142	7.702	7.703	-0.001	86	438548	4.90	
88 1-Methylnaphthalene	142	7.788	7.788	0.0	82	413343	4.92	
89 Hexachlorocyclopentadiene	237	7.831	7.831	0.0	74	149821	4.96	
90 1,2,3,5-Tetrachlorobenzene	216	7.831	7.831	0.0	89	262836	5.10	
91 1,2,4,5-Tetrachlorobenzene	216		7.857					
225 Isosafrole Peak 1	162		7.873					9
92 2,4,6-Trichlorophenol	196	7.927	7.927	0.0	88	129978	4.99	
93 2,4,5-Trichlorophenol	196	7.959	7.959	0.0	92	142958	5.12	
227 Isosafrole Peak 2	162		8.066					9
97 2,4-Toluene diamine	121	8.071	8.071	0.0	95	122331	4.86	
99 1,2,3,4 -Tetrachlorobenzene	216		8.087					
98 1,1'-Biphenyl	154	8.092	8.093	-0.001	97	544089	4.68	
100 2-Chloronaphthalene	162	8.119	8.119	0.0	97	481027	4.71	
102 2-Nitroaniline	65	8.189	8.189	0.0	72	177819	5.35	
103 1,4-Naphthoquinone	158		8.274					
104 1,4-Dinitrobenzene	168		8.317					
105 Dimethyl phthalate	163	8.327	8.328	-0.001	94	451121	4.91	
106 1,3-Dinitrobenzene	168		8.375					
107 2,6-Dinitrotoluene	165	8.386	8.386	0.0	84	130895	5.39	
108 1,2-Dinitrobenzene	168	8.434	8.440	-0.006	80	63495	5.01	
109 Acenaphthylene	152	8.472	8.472	0.0	91	704027	4.78	
110 3-Nitroaniline	138	8.536	8.536	0.0	89	122601	5.57	
112 Acenaphthene	153	8.621	8.622	-0.001	87	435396	4.64	
111 2,4-Dinitrophenol	184	8.621	8.622	-0.001	68	139139	10.6	
113 4-Nitrophenol	109	8.643	8.643	0.0	87	76627	4.87	
114 2,4-Dinitrotoluene	165	8.728	8.728	0.0	76	169001	5.35	
115 Pentachlorobenzene	250		8.744					9
116 Dibenzofuran	168	8.765	8.766	-0.001	86	604241	4.62	
118 2,3,5,6-Tetrachlorophenol	232	8.819	8.819	0.0	83	120911	5.04	
117 1-Naphthylamine	143		8.840					9
119 2,3,4,6-Tetrachlorophenol	232		8.872					
120 2-Naphthylamine	143		8.910					9
121 Diethyl phthalate	149	8.920	8.921	-0.001	95	497543	5.06	
122 Thionazin	97		9.011					9
123 4-Chlorophenyl phenyl ether	204	9.038	9.038	0.0	93	300488	4.87	
125 4-Nitroaniline	138	9.049	9.049	0.0	83	123632	4.97	
126 Fluorene	166	9.054	9.054	0.0	80	482843	4.84	
124 N-Nitro-o-toluidine	152		9.065					9
128 4,6-Dinitro-2-methylphenol	198	9.070	9.076	-0.006	73	79445	5.06	
127 Tributyl phosphate	99		9.102					9
131 N-Nitrosodiphenylamine	169	9.134	9.134	0.0	98	368057	4.93	
130 Diphenylamine	169	9.134	9.150	-0.016	92	368057	4.31	
132 1,2-Diphenylhydrazine	77	9.171	9.172	-0.001	99	796474	5.24	
133 Azobenzene	77	9.171	9.172	-0.001	94	796474	5.24	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
176 Hexabromobenzene	232		9.208					
134 Sulfotepp	202	9.241	9.262	-0.021	76	59698	5.30	
135 1,3,5-Trinitrobenzene	213		9.348					
228 Diallate Peak 1	86		9.385					
137 Phenacetin	108		9.390					
138 Phorate	121		9.396					
139 4-Bromophenyl phenyl ether	248	9.455	9.455	0.0	69	160114	4.94	
230 Diallate Peak 2	86		9.465					
141 Hexachlorobenzene	284	9.519	9.519	0.0	79	156256	5.01	
140 Dimethoate	87		9.545					9
142 Atrazine	200	9.567	9.567	0.0	83	115883	5.65	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.679	9.679	0.0	80	191905	10.0	
129 4-Aminobiphenyl	169		9.690					9
145 Pentachloronitrobenzene	237		9.706					9
144 Pronamide	173		9.716					
147 Dinoseb	211		9.829					
146 Disulfoton	88		9.839					9
148 Phenanthrene	178	9.871	9.877	-0.006	97	698886	4.64	
149 Anthracene	178	9.919	9.920	-0.001	87	725887	4.88	
150 DFTPP								
151 Carbazole	167	10.042	10.043	-0.001	82	679975	4.98	
152 Methyl parathion	109		10.160					9
154 Di-n-butyl phthalate	149	10.299	10.299	0.0	100	844762	5.02	
155 Ethyl Parathion	97		10.480					
156 4-Nitroquinoline-1-oxide	190		10.539					
157 Methapyrilene	58		10.582					
158 Isodrin	66		10.779					
159 Fluoranthene	202	10.892	10.892	0.0	99	831360	5.00	
160 Benzidine	184	10.988	10.988	0.0	87	305992	4.62	
161 Pyrene	202	11.105	11.106	-0.001	96	878475	4.93	
166 4,4'-DDE	246		11.164					9
226 Aramite Peak 1	185		11.196					
229 Aramite Peak 2	185		11.271					9
163 p-Dimethylamino azobenzene	225		11.378					
164 Chlorobenzilate	139		11.415					
165 4,4'-DDD	235		11.538					
167 Famphur	218		11.682					
168 Butyl benzyl phthalate	149	11.709	11.709	0.0	93	344780	4.99	
187 Dibenz[a,h]acridine	279		11.729					
169 3,3'-Dimethylbenzidine	212		11.736					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.837					
171 2-Acetylaminofluorene	181		12.030					
172 3,3'-Dimethoxybenzidine	244	12.329	12.329	0.0	90	151835	4.36	
175 3,3'-Dichlorobenzidine	252	12.371	12.372	-0.001	68	281136	5.04	
174 4,4'-Methylene bis(2-chloroanili	231	12.371	12.377	-0.006	69	139782	4.68	
173 Bis(2-ethylhexyl) phthalate	149	12.393	12.393	0.0	96	530693	5.27	
177 Benzo[a]anthracene	228	12.430	12.430	0.0	85	787507	5.02	
178 Chrysene	228	12.478	12.479	-0.001	87	736980	4.81	
180 Di-n-octyl phthalate	149	13.322	13.323	-0.001	99	763410	4.74	
182 Benzo[b]fluoranthene	252	13.963	13.964	-0.001	87	697251	4.71	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 7,12-Dimethylbenz(a)anthracene	256		13.985					
183 Benzo[k]fluoranthene	252	14.006	14.006	0.0	89	770739	5.13	
184 Benzo[a]pyrene	252	14.471	14.471	0.0	76	660019	4.91	
185 3-Methylcholanthrene	268		15.053					
188 Indeno[1,2,3-cd]pyrene	276	16.244	16.250	-0.006	90	706243	4.74	
189 Dibenz(a,h)anthracene	278	16.277	16.282	-0.006	53	493127	4.28	
190 Benzo[g,h,i]perylene	276	16.720	16.726	-0.006	82	611042	5.00	
S 191 Methyl Phenols,Total	100				0		10.2	
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 231 2,3,7,8-TCDD	322		9.150					
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

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

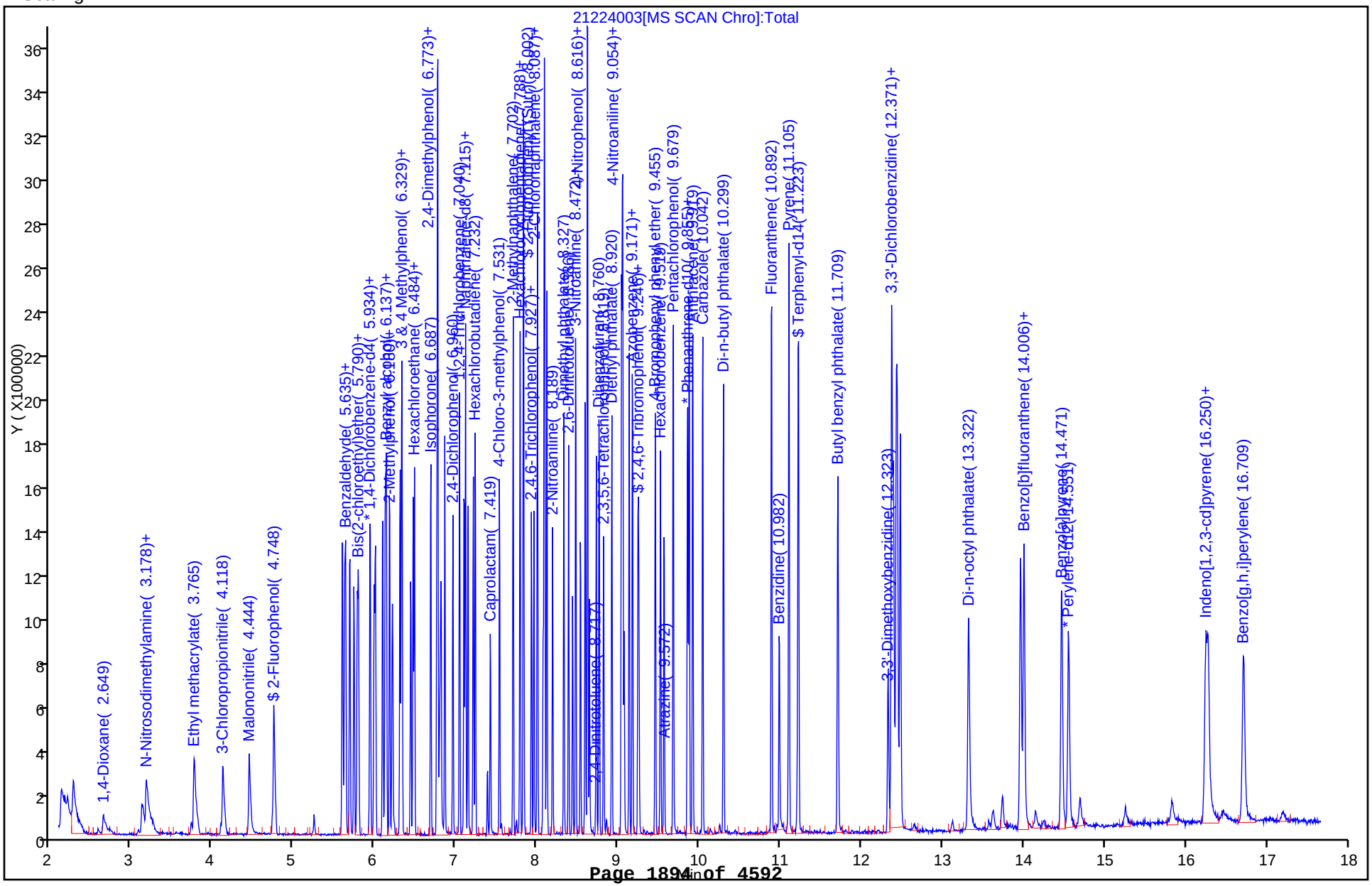
Report Date: 25-Dec-2012 12:56:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224003.D

Injection Date:	24-Dec-2012 10:53:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69988/25

Matrix: Solid | Lab File ID: 21224025.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/24/2012 20:04

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.65		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.83		0.00020	0.00010	0.00010
120-12-7	Anthracene	4.97		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.00		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	4.81		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.63		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	5.85	^	0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.11		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.22		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.00		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.03		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.34		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	4.93		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.51		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	4.72		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.14		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.94		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.85		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.57		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.67		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	4.77		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.94		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.22		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.22		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.20		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.02		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.13		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	5.23		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	2.10	^	0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	2.92	^	0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69988/25

Matrix: Solid | Lab File ID: 21224025.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/24/2012 20:04

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.27		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	4.94		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.23		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.08		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.83		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.03		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	4.69		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	3.68		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.41		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.61		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.09		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.69		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.21		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.26		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.83		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.59		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.58		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.27		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.26		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.44		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.55		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.22		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.15		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	6.17	^	0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.71		0.00020	0.00010	0.00010
108-95-2	Phenol	5.15		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.90		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.88		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	5.26		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69988/25

Matrix: Solid | Lab File ID: 21224025.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/24/2012 20:04

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69988 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	99		50-150
367-12-4	2-Fluorophenol (Surr)	109	Q	50-150
4165-60-0	Nitrobenzene-d5 (Surr)	104	Q	50-150
4165-62-2	Phenol-d5 (Surr)	107	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	95		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	98		50-150

Report Date: 25-Dec-2012 12:56:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224025.D
Lims ID: mrl qccl Client ID:
Inject. Date: 24-Dec-2012 20:04:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016149-025
Misc. Info.: MRL QCCL =MRL QCCL
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 69988 Lims Sample ID: 25
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\8270 _9.m
Last Update: 25-Dec-2012 12:56:26 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: XAWRK027

First Level Reviewer: ulmanm Date: 25-Dec-2012 12:34:19

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.988	5.988	0.0	95	155513	4.00	
* 2 Naphthalene-d8	136	7.094	7.094	0.0	99	613105	4.00	
* 3 Acenaphthene-d10	164	8.589	8.589	0.0	80	360552	4.00	
* 4 Phenanthrene-d10	188	9.850	9.856	-0.006	96	640023	4.00	
* 5 Chrysene-d12	240	12.441	12.446	-0.005	78	641203	4.00	
* 6 Perylene-d12	264	14.551	14.557	-0.006	76	519679	4.00	
$ 7 2-Fluorophenol	112	4.748	4.748	0.0	89	285476	5.47	
$ 8 Phenol-d5	99	5.625	5.625	-0.001	0	411899	5.35	
$ 9 Nitrobenzene-d5	82	6.469	6.469	0.0	85	488987	5.22	
$ 10 2-Fluorobiphenyl (Surr)	172	8.002	8.002	0.0	99	718311	4.97	
$ 11 2,4,6-Tribromophenol	330	9.257	9.257	0.0	76	58803	4.89	
$ 12 Terphenyl-d14	244	11.218	11.223	-0.005	97	692445	4.77	
20 Dimethylformamide	1		0.000					
13 Octachlorocyclopentene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88	2.649	2.644	0.005	85	147241	5.43	M
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	3.124	3.124	0.0	72	239613	5.83	M
27 Pyridine	79	3.178	3.173	0.005	91	357629	4.89	M
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.765	3.771	-0.006	84	339625	5.38	M
232 1-Methyl-2-pyrrilidinone	99		3.880					
52 Indene	115		4.084					
29 3-Chloropropionitrile	54	4.123	4.118	0.005	88	176518	4.97	
31 2-Picoline	93		4.161					
32 N-Nitrosomethylethylamine	88		4.294					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66	4.449	4.444	0.005	93	445495	5.50	
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					9
34 Methyl methanesulfonate	80		4.609					
30 3-Picoline	93		4.668					9
233 n,n'-Dimethylacetamide	44		4.684					
15 3-Methylcatechol	124		4.913					
36 N-Nitrosodiethylamine	102		5.010					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.288					9
38 2-Methylcyclohexanone	68		5.501					
39 3-Methylcyclohexanone	69		5.539					
40 4-Methylcyclohexanone	55		5.587					
41 Benzaldehyde	77	5.592	5.598	-0.006	88	399662	5.90	
43 Phenol	94	5.635	5.635	0.0	97	445918	5.15	
44 Aniline	93	5.689	5.689	0.0	97	554644	5.15	
96 3,4-Dichloronitrobenzene	109		5.725					
69 Bis(2-chloroethyl)ether	93	5.737	5.737	0.0	96	413088	5.03	
45 Pentachloroethane	167		5.752					
101 Phenyl ether	170		5.773					
46 2-Chlorophenol	128	5.795	5.796	-0.001	93	268242	5.14	
47 1,3-Dichlorobenzene	146	5.940	5.940	0.0	88	333502	4.94	
48 1,4-Dichlorobenzene	146	6.004	6.004	0.0	77	286290	5.22	
49 Benzyl alcohol	108	6.095	6.095	0.0	86	200882	5.22	
50 1,2-Dichlorobenzene	146	6.137	6.137	0.0	81	312007	4.77	
51 2-Methylphenol	108	6.175	6.180	-0.005	94	296099	5.21	
53 2,2'-oxybis[1-chloropropane]	45	6.212	6.212	0.0	95	427843	5.18	
21 3 & 4 Methylphenol	108	6.308	6.308	0.0	89	313357	5.26	
56 N-Nitrosopyrrolidine	100		6.324					
57 N-Nitrosodi-n-propylamine	70	6.324	6.324	0.0	76	279915	5.22	
58 Acetophenone	105	6.330	6.330	0.0	82	451565	5.19	
59 N-Nitrosomorpholine	56		6.356					9
60 2-Toluidine	106		6.378					9
61 Hexachloroethane	117	6.437	6.437	0.0	88	155924	5.41	
62 Nitrobenzene	77	6.485	6.485	0.0	75	517646	5.26	
63 N-Nitrosopiperidine	114		6.629					
64 Isophorone	82	6.682	6.688	-0.006	96	765376	5.09	
66 2-Nitrophenol	139	6.757	6.762	-0.005	87	137791	5.44	
65 2,4-Dimethylphenol	107	6.773	6.773	0.0	97	334799	5.13	
67 1,3,5-Trichlorobenzene	180	6.768	6.773	-0.005	86	299252	5.00	
71 Benzoic acid	122	6.805	6.827	-0.022	76	176370	5.85	
68 o,o',o''-Triethylphosphorothioat	198		6.848					
70 Bis(2-chloroethoxy)methane	93	6.859	6.859	0.0	98	510209	5.00	
73 2,4-Dichlorophenol	162	6.960	6.960	0.0	96	207046	5.20	
72 alpha,alpha-Dimethyl phenethylam	58		6.971					
74 1,2,4-Trichlorobenzene	180	7.040	7.040	0.0	84	285021	4.88	
75 Naphthalene	128	7.115	7.115	0.0	97	780137	4.83	
76 4-Chloroaniline	127	7.147	7.147	0.0	78	316934	4.92	
77 2,6-Dichlorophenol	162		7.168					9
78 Hexachloropropene	213		7.200					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225	7.211	7.211	0.0	87	152229	4.69	
80 1,2,3-Trichlorobenzene	180		7.238					
83 N-Nitrosodi-n-butylamine	84		7.430					9
84 Caprolactam	113	7.425	7.430	-0.005	78	96393	5.31	
85 p-Phenylene diamine	108		7.457					9
86 4-Chloro-3-methylphenol	107	7.532	7.532	0.0	82	277464	5.16	
153 Diphenylsulfone	125		7.616					9
94 Safrole, Total	162		7.628					
87 2-Methylnaphthalene	142	7.703	7.703	0.0	87	500171	4.69	
88 1-Methylnaphthalene	142	7.788	7.788	0.0	78	473697	4.73	
89 Hexachlorocyclopentadiene	237	7.831	7.831	0.0	78	129106	3.68	
90 1,2,3,5-Tetrachlorobenzene	216	7.825	7.831	-0.006	84	290027	4.85	
91 1,2,4,5-Tetrachlorobenzene	216		7.857					
225 Isosafrole Peak 1	162		7.873					9
92 2,4,6-Trichlorophenol	196	7.927	7.927	0.0	93	158976	5.26	
93 2,4,5-Trichlorophenol	196	7.959	7.959	0.0	90	168997	5.22	
227 Isosafrole Peak 2	162		8.066					
97 2,4-Toluene diamine	121	8.071	8.071	0.0	96	141298	4.71	
99 1,2,3,4 -Tetrachlorobenzene	216		8.087					
98 1,1'-Biphenyl	154	8.087	8.093	-0.006	95	649509	4.81	
100 2-Chloronaphthalene	162	8.119	8.119	0.0	98	560056	4.72	
102 2-Nitroaniline	65	8.189	8.189	0.0	72	216153	5.59	
103 1,4-Naphthoquinone	158		8.274					
104 1,4-Dinitrobenzene	168		8.317					
105 Dimethyl phthalate	163	8.328	8.328	0.0	95	538364	5.05	
106 1,3-Dinitrobenzene	168		8.375					
107 2,6-Dinitrotoluene	165	8.386	8.386	0.0	79	137927	4.94	
108 1,2-Dinitrobenzene	168	8.434	8.440	-0.006	82	71954	4.90	
109 Acenaphthylene	152	8.472	8.472	0.0	91	825882	4.83	
110 3-Nitroaniline	138	8.531	8.536	-0.005	87	142544	5.58	
112 Acenaphthene	153	8.616	8.622	-0.006	95	506520	4.65	
111 2,4-Dinitrophenol	184	8.616	8.622	-0.006	48	23915	2.92	
113 4-Nitrophenol	109	8.643	8.643	0.0	83	82575	4.55	
114 2,4-Dinitrotoluene	165	8.728	8.728	0.0	78	193059	5.27	
115 Pentachlorobenzene	250		8.744					9
116 Dibenzofuran	168	8.760	8.766	-0.006	86	708076	4.67	
118 2,3,5,6-Tetrachlorophenol	232	8.819	8.819	0.0	84	124046	4.45	
117 1-Naphthylamine	143		8.840					9
119 2,3,4,6-Tetrachlorophenol	232		8.872					
120 2-Naphthylamine	143		8.910					9
121 Diethyl phthalate	149	8.921	8.921	0.0	95	572702	5.02	
122 Thionazin	97		9.011					9
123 4-Chlorophenyl phenyl ether	204	9.038	9.038	0.0	92	353646	4.94	
125 4-Nitroaniline	138	9.049	9.049	0.0	79	152948	5.27	
126 Fluorene	166	9.054	9.054	0.0	69	558148	4.83	
124 N-Nitro-o-toluidine	152		9.065					9
128 4,6-Dinitro-2-methylphenol	198	9.070	9.076	-0.006	76	29647	2.10	
127 Tributyl phosphate	99		9.102					9
131 N-Nitrosodiphenylamine	169	9.134	9.134	0.0	98	454013	5.15	
130 Diphenylamine	169	9.134	9.150	-0.016	91	454013	4.50	
132 1,2-Diphenylhydrazine	77	9.172	9.172	0.0	99	926556	5.16	
133 Azobenzene	77	9.172	9.172	0.0	94	926556	5.16	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
176 Hexabromobenzene	232	9.246	9.208	0.038	13	1198	0	
134 Sulfotepp	202	9.241	9.262	-0.021	75	78049	5.87	
135 1,3,5-Trinitrobenzene	213		9.348					9
228 Diallate Peak 1	86		9.385					9
137 Phenacetin	108		9.390					9
138 Phorate	121		9.396					
139 4-Bromophenyl phenyl ether	248	9.455	9.455	0.0	66	188729	4.93	
230 Diallate Peak 2	86		9.465					9
141 Hexachlorobenzene	284	9.519	9.519	0.0	78	185411	5.03	
140 Dimethoate	87		9.545					9
142 Atrazine	200	9.562	9.567	-0.005	82	136987	5.66	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.679	9.679	0.0	86	133718	6.17	
129 4-Aminobiphenyl	169		9.690					9
145 Pentachloronitrobenzene	237		9.706					9
144 Pronamide	173		9.716					
147 Dinoseb	211		9.829					
146 Disulfoton	88		9.839					9
148 Phenanthrene	178	9.872	9.877	-0.005	98	837237	4.71	
149 Anthracene	178	9.914	9.920	-0.006	87	872606	4.97	
150 DFTPP								
151 Carbazole	167	10.037	10.043	-0.006	82	821910	5.10	
152 Methyl parathion	109		10.160					
154 Di-n-butyl phthalate	149	10.294	10.299	-0.005	100	1041089	5.23	
155 Ethyl Parathion	97		10.480					
156 4-Nitroquinoline-1-oxide	190		10.539					
157 Methapyrilene	58		10.582					
158 Isodrin	66		10.779					
159 Fluoranthene	202	10.887	10.892	-0.005	98	996570	5.08	
160 Benzidine	184	10.983	10.988	-0.005	98	387696	4.95	
161 Pyrene	202	11.100	11.106	-0.006	94	1021504	4.90	
166 4,4'-DDE	246		11.164					9
226 Aramite Peak 1	185		11.196					9
229 Aramite Peak 2	185		11.271					9
163 p-Dimethylamino azobenzene	225		11.378					
164 Chlorobenzilate	139		11.415					
165 4,4'-DDD	235		11.538					
167 Famphur	218		11.682					
168 Butyl benzyl phthalate	149	11.704	11.709	-0.005	91	445622	5.51	
187 Dibenz[a,h]acridine	279		11.729					
169 3,3'-Dimethylbenzidine	212		11.736					9
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.837					
171 2-Acetylaminofluorene	181		12.030					
172 3,3'-Dimethoxybenzidine	244	12.329	12.329	0.0	85	209554	5.01	
175 3,3'-Dichlorobenzidine	252	12.372	12.372	0.0	66	340546	5.22	
174 4,4'-Methylene bis(2-chloroanili	231	12.372	12.377	-0.005	67	174386	4.96	
173 Bis(2-ethylhexyl) phthalate	149	12.393	12.393	0.0	96	629558	5.34	
177 Benzo[a]anthracene	228	12.425	12.430	-0.005	83	919404	5.00	
178 Chrysene	228	12.478	12.479	-0.001	85	870485	4.85	
180 Di-n-octyl phthalate	149	13.317	13.323	-0.006	100	996908	5.23	
182 Benzo[b]fluoranthene	252	13.958	13.964	-0.006	86	832886	4.81	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 7,12-Dimethylbenz(a)anthracene	256		13.985					
183 Benzo[k]fluoranthene	252	14.001	14.006	-0.005	83	899069	5.11	
184 Benzo[a]pyrene	252	14.466	14.471	-0.005	77	802720	5.09	
185 3-Methylcholanthrene	268		15.053					
188 Indeno[1,2,3-cd]pyrene	276	16.239	16.250	-0.011	84	804345	4.61	
189 Dibenz(a,h)anthracene	278	16.271	16.282	-0.011	57	617314	4.57	
190 Benzo[g,h,i]perylene	276	16.709	16.726	-0.017	79	659951	4.63	
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		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 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 231 2,3,7,8-TCDD	322		9.150					
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

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

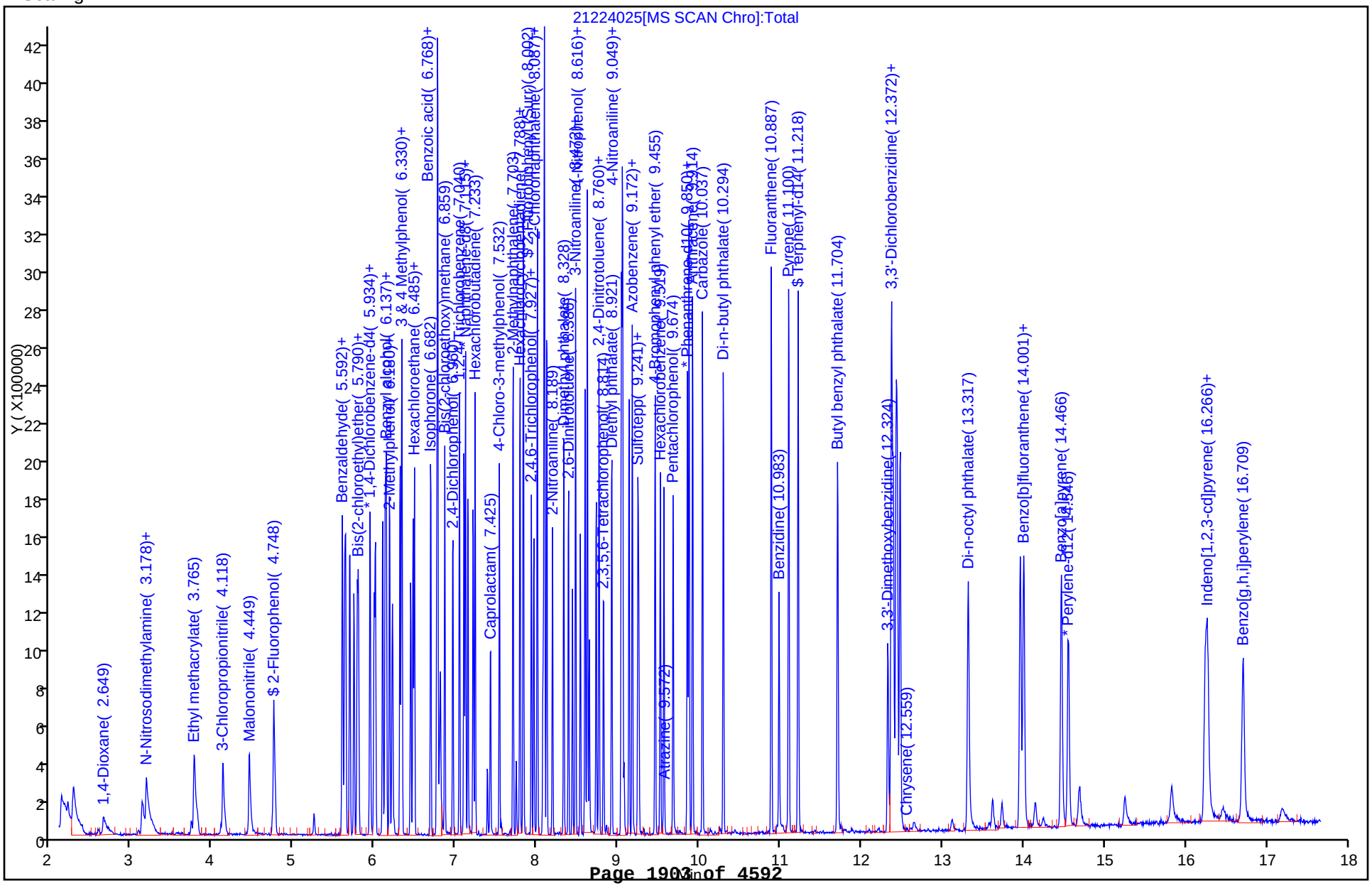
Report Date: 25-Dec-2012 12:56:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121224-16149.b\21224025.D

Injection Date:	24-Dec-2012 20:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	69988	Lims Sample ID:	25
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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70697/4

Matrix: Solid | Lab File ID: 21231004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/31/2012 10:20

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70697 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.05		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.14		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	5.60		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.42		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	10.2		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	5.21		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	5.17		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.19		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.18		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.35		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.19		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.29		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.13		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.27		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.27		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.08		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.46		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.91		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.34		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.27		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.27		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.62		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.25		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.02		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.22		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.14		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.33		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	5.53		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	11.0		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70697/4

Matrix: Solid | Lab File ID: 21231004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/31/2012 10:20

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70697 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.33		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.43		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.22		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.21		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.04		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.06		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.00		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	5.12		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.37		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.63		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.14		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.04		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.43		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.21		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.92		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.38		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.33		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.67		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.11		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.39		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.38		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.33		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.15		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.2		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	5.08		0.00020	0.00010	0.00010
108-95-2	Phenol	5.33		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.29		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.22		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.45		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.32		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70697/4

Matrix: Solid | Lab File ID: 21231004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/31/2012 10:20

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70697 | 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)	104	Q	50-150
4165-62-2	Phenol-d5 (Surr)	107	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	103		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	109		50-150

Report Date: 02-Jan-2013 12:45:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231004.D
Lims ID: mrl qc Client ID:
Inject. Date: 31-Dec-2012 10:20:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016305-004
Misc. Info.: MRL QC
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 70697 Lims Sample ID: 4
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\8270_hp7.m
Last Update: 02-Jan-2013 12:44:45 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: XAWRK026

First Level Reviewer: gruberj Date: 31-Dec-2012 10:52:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.816	5.816	0.0	96	204268	4.00	
* 2 Naphthalene-d8	136	6.934	6.933	0.001	99	833631	4.00	
* 3 Acenaphthene-d10	164	8.426	8.426	0.0	92	499394	4.00	
* 4 Phenanthrene-d10	188	9.677	9.677	0.0	98	801495	4.00	
* 5 Chrysene-d12	240	12.170	12.170	0.0	91	841701	4.00	
* 6 Perylene-d12	264	14.186	14.186	0.0	95	681972	4.00	
$ 7 2-Fluorophenol	112	4.537	4.543	-0.006	94	335637	5.36	
$ 8 Phenol-d5	99	5.457	5.457	0.0	91	448021	5.37	
$ 9 Nitrobenzene-d5	82	6.302	6.302	0.0	94	476235	5.19	
$ 10 2-Fluorobiphenyl (Surr)	172	7.843	7.843	0.0	99	908526	5.08	
$ 11 2,4,6-Tribromophenol	330	9.089	9.089	0.0	93	91778	5.47	
$ 12 Terphenyl-d14	244	11.015	11.015	0.0	98	889911	5.17	
21 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
14 4-Methylcatechol	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					
22 3-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
15 Catechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
24 1,4-Dioxane	88	2.254	2.254	0.0	94	133157	4.61	M
25 N-Nitrosodimethylamine	74	2.697	2.697	0.0	89	194778	4.90	
26 Pyridine	79	2.751	2.746	0.005	85	370242	5.22	
232 1-Methyl-2-pyrrilidinone	99	3.206	3.271	-0.065	0	222	0	
27 Ethyl methacrylate	69	3.446	3.446	0.0	92	290122	5.01	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.853	3.858	-0.005	83	299001	5.44	
30 2-Picoline	93		3.913					
31 N-Nitrosomethylethylamine	88		4.053					
32 Malononitrile	66	4.238	4.233	0.005	97	345028	4.20	
33 Acrylamide	71	4.334	4.345	-0.011	1	114	0	
34 Methyl methanesulfonate	80		4.400					
29 3-Picoline	93		4.459					
233 n,n'-Dimethylacetamide	44	4.473	4.486	-0.013	0	733	0	
35 N-Nitrosodiethylamine	102		4.817					
36 Ethyl methanesulfonate	79		5.112					
37 2-Methylcyclohexanone	68	5.329	5.320	0.009	6	194	0	
38 3-Methylcyclohexanone	69	5.366	5.358	0.008	1	156	0	
39 4-Methylcyclohexanone	55	5.415	5.406	0.009	20	2465	0	
40 Benzaldehyde	77	5.415	5.415	0.0	89	366288	5.55	
42 Phenylmercaptan	110		5.457					
41 Phenol	94	5.473	5.473	0.0	98	465498	5.33	
43 Aniline	93	5.511	5.511	0.0	97	603161	5.31	
44 Bis(2-chloroethyl)ether	93	5.570	5.570	0.0	95	438256	5.17	
45 Pentachloroethane	167		5.577					
46 2-Chlorophenol	128	5.618	5.618	0.0	93	363532	5.27	
47 1,3-Dichlorobenzene	146	5.762	5.762	0.0	95	472100	5.27	
48 1,4-Dichlorobenzene	146	5.832	5.832	0.0	83	392015	5.27	
49 Benzyl alcohol	108	5.928	5.928	0.0	88	224156	5.21	
50 1,2-Dichlorobenzene	146	5.965	5.965	0.0	91	458313	5.34	
51 2-Methylphenol	108	6.019	6.019	0.0	97	340482	5.43	
53 Indene	115		6.046					9
52 2,2'-oxybis[1-chloropropane]	45	6.051	6.051	0.0	90	645248	5.34	
191 3 & 4 Methylphenol	108	6.153	6.153	0.0	97	350800	5.21	
55 N-Nitrosopyrrolidine	100		6.160					
56 N-Nitrosodi-n-propylamine	70	6.163	6.163	0.0	91	268821	5.33	
57 Acetophenone	105	6.169	6.169	0.0	92	515510	5.29	
58 N-Nitrosomorpholine	56		6.197					
59 2-Toluidine	106		6.213					9
60 Hexachloroethane	117	6.270	6.270	0.0	91	189117	5.37	
61 Nitrobenzene	77	6.318	6.324	-0.006	88	485695	5.11	
62 N-Nitrosopiperidine	114		6.465					
63 Isophorone	82	6.527	6.527	0.0	97	710685	5.14	
65 2-Nitrophenol	139	6.597	6.602	-0.005	93	184001	5.39	
66 1,3,5-Trichlorobenzene	180	6.607	6.607	0.0	94	388641	5.23	
64 2,4-Dimethylphenol	107	6.618	6.618	0.0	97	370106	5.22	
69 Benzoic acid	122	6.666	6.682	-0.016	86	401474	10.2	
67 o,o',o''-Triethylphosphorothioat	198		6.689					
68 Bis(2-chloroethoxy)methane	93	6.704	6.704	0.0	96	531292	5.12	
70 alpha,alpha-Dimethyl phenethylam	58		6.791					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.800	6.805	-0.005	97	290767	5.25	
72 1,2,4-Trichlorobenzene	180	6.880	6.880	0.0	92	387439	5.22	
73 Naphthalene	128	6.950	6.955	-0.005	96	1001504	4.92	
74 4-Chloroaniline	127	6.987	6.987	0.0	83	442668	5.15	
75 2,6-Dichlorophenol	162		7.010					9
76 Hexachloropropene	213		7.042					
77 Hexachlorobutadiene	225	7.051	7.051	0.0	94	201385	5.00	
78 1,2,3-Trichlorobenzene	180	7.073	7.073	0.0	92	361480	0	
79 Benzothiazole	135		7.169					9
80 Quinoline	129		7.233					9
83 Caprolactam	113	7.265	7.271	-0.006	71	110680	6.04	
81 N-Nitrosodi-n-butylamine	84		7.272					
82 p-Phenylene diamine	108		7.299					9
84 4-Chloro-3-methylphenol	107	7.383	7.383	0.0	94	312842	5.29	
93 Safrole, Total	162		7.465					
85 2-Methylnaphthalene	142	7.543	7.538	0.005	91	673933	5.04	
86 1-Methylnaphthalene	142	7.624	7.624	0.0	83	633104	5.05	
87 1,2,3,5-Tetrachlorobenzene	216	7.666	7.672	-0.006	93	361435	5.04	
88 Hexachlorocyclopentadiene	237	7.672	7.672	0.0	88	216002	5.12	
89 1,2,4,5-Tetrachlorobenzene	216		7.690					
225 Isosafrole Peak 1	162		7.711					
90 2,4,6-Trichlorophenol	196	7.773	7.768	0.005	92	208909	5.32	
91 2,4,5-Trichlorophenol	196	7.800	7.800	0.0	94	233813	5.45	
227 Isosafrole Peak 2	162		7.904					
94 2,4-Toluene diamine	121	7.912	7.912	0.0	96	145804	3.68	
96 1,2,3,4 -Tetrachlorobenzene	216	7.923	7.923	0.0	92	355841	0	
95 1,1'-Biphenyl	154	7.928	7.934	-0.006	95	819384	4.99	
98 2-Chloronaphthalene	162	7.955	7.955	0.0	96	800893	5.13	
97 3,4-Dichloronitrobenzene	109		7.960					
99 Phenyl ether	170		8.019					9
100 2-Nitroaniline	65	8.030	8.030	0.0	79	237610	5.38	
101 1,4-Naphthoquinone	158		8.112					
104 1,3-Dinitrobenzene	168		8.155					9
103 Dimethyl phthalate	163	8.169	8.169	0.0	97	736728	5.14	
102 1,4-Dinitrobenzene	168		8.214					
105 2,6-Dinitrotoluene	165	8.228	8.228	0.0	90	194606	5.43	
106 1,2-Dinitrobenzene	168	8.276	8.276	0.0	88	92896	5.08	
107 Acenaphthylene	152	8.308	8.308	0.0	92	1055369	5.14	
108 3-Nitroaniline	138	8.372	8.372	0.0	90	188377	5.33	
110 Acenaphthene	153	8.453	8.453	0.0	91	645124	5.05	
109 2,4-Dinitrophenol	184	8.458	8.458	0.0	75	189179	11.0	
111 4-Nitrophenol	109	8.490	8.490	0.0	94	112465	5.38	
112 2,4-Dinitrotoluene	165	8.565	8.565	0.0	84	261425	5.33	
113 Pentachlorobenzene	250		8.572					9
114 Dibenzofuran	168	8.597	8.597	0.0	85	925047	4.91	
115 2,3,5,6-Tetrachlorophenol	232	8.656	8.656	0.0	86	177745	5.22	
116 1-Naphthylamine	143		8.668					9
117 2,3,4,6-Tetrachlorophenol	232		8.701					
118 2-Naphthylamine	143		8.738					9
119 Diethyl phthalate	149	8.757	8.757	0.0	97	719384	5.02	
120 Thionazin	97		8.840					9
121 4-Chlorophenyl phenyl ether	204	8.875	8.875	0.0	94	441238	5.27	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.886	8.886	0.0	81	758360	5.04	
123 4-Nitroaniline	138	8.886	8.886	0.0	62	198526	5.67	
122 N-Nitro-o-toluidine	152		8.893					
126 4,6-Dinitro-2-methylphenol	198	8.913	8.913	0.0	71	127357	5.53	
125 Tributyl phosphate	99		8.936					
130 N-Nitrosodiphenylamine	169	8.971	8.966	0.005	0	559161	5.15	
128 Diphenylamine	169	8.971	8.979	-0.008	91	559161	4.64	
131 Azobenzene	77	9.009	9.009	0.0	99	868467	5.19	
129 1,2-Diphenylhydrazine	77	9.009	9.009	0.0	0	868467	5.19	
132 Sulfotepp	202	9.078	9.091	-0.013	74	90627	5.63	
133 1,3,5-Trinitrobenzene	213		9.182					9
228 Diallate Peak 1	86		9.214					
135 Phenacetin	108		9.219					9
136 Phorate	121		9.225					9
137 4-Bromophenyl phenyl ether	248	9.287	9.287	0.0	68	240605	5.18	
230 Diallate Peak 2	86		9.294					
139 Hexachlorobenzene	284	9.351	9.351	0.0	89	234198	5.06	
138 Dimethoate	87		9.369					9
140 Atrazine	200	9.399	9.399	0.0	87	166207	5.44	
141 Pentachlorophenol	266	9.506	9.506	0.0	84	269367	10.2	
127 4-Aminobiphenyl	169		9.514					9
143 Pentachloronitrobenzene	237		9.530					9
142 Pronamide	173		9.546					
145 Dinoseb	211		9.653					
144 Disulfoton	88		9.658					
146 Phenanthrene	178	9.699	9.699	0.0	97	1093364	5.08	
147 Anthracene	178	9.742	9.742	0.0	98	1118984	5.21	
148 DFTPP								
149 Carbazole	167	9.865	9.865	0.0	82	1068001	5.19	
150 Methyl parathion	109		9.979					9
151 Di-n-butyl phthalate	149	10.127	10.127	0.0	100	1240812	5.33	
152 Diphenylsulfone	125		10.143					
153 Ethyl Parathion	97		10.300					9
154 4-Nitroquinoline-1-oxide	190		10.353					
155 Methapyrilene	58		10.396					
156 Isodrin	66		10.583					
157 Fluoranthene	202	10.699	10.699	0.0	98	1229291	5.21	
158 Benzidine	184	10.795	10.795	0.0	97	512782	5.52	
160 Pyrene	202	10.902	10.902	0.0	97	1287379	5.29	
164 4,4'-DDE	246		10.956					9
226 Aramite Peak 1	185		10.984					
229 Aramite Peak 2	185		11.054					
161 p-Dimethylamino azobenzene	225		11.156					
162 Chlorobenzilate	139		11.188					
163 4,4'-DDD	235		11.319					9
165 Famphur	218		11.439					
166 Butyl benzyl phthalate	149	11.480	11.480	0.0	97	528667	5.35	
167 3,3'-Dimethylbenzidine	212		11.492					9
168 4,4'-DDT	235		11.597					9
169 2-Acetylaminofluorene	181		11.771					
170 3,3'-Dimethoxybenzidine	244	12.068	12.068	0.0	93	249399	5.25	
173 3,3'-Dichlorobenzidine	252	12.106	12.106	0.0	67	449873	5.62	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.106	12.111	-0.005	67	214357	5.39	
171 Bis(2-ethylhexyl) phthalate	149	12.127	12.127	0.0	97	741234	5.19	
175 Benzo[a]anthracene	228	12.154	12.159	-0.005	95	1135172	5.22	
174 Hexabromobenzene	232		12.191					
176 Chrysene	228	12.202	12.202	0.0	93	1047705	5.08	
177 6-Methylchrysene	242		12.785					
178 Di-n-octyl phthalate	149	13.010	13.010	0.0	99	1189994	5.22	
179 7,12-Dimethylbenz(a)anthracene	256		13.611					
180 Benzo[b]fluoranthene	252	13.614	13.619	-0.005	96	1102840	5.42	
181 Benzo[k]fluoranthene	252	13.657	13.657	0.0	99	1206567	5.52	
182 Benzo[a]pyrene	252	14.101	14.106	-0.005	77	1071637	5.60	
183 3-Methylcholanthrene	268		14.637					9
184 Dibenz[a,j]acridine	279		15.454					
185 Dibenz[a,h]acridine	279		15.523					
186 Indeno[1,2,3-cd]pyrene	276	15.802	15.802	0.0	93	1142759	5.63	
187 Dibenz(a,h)anthracene	278	15.828	15.828	0.0	83	943999	5.46	
188 Benzo[g,h,i]perylene	276	16.219	16.224	-0.005	89	963560	5.42	
S 189 Methyl Phenols,Total	100				0		5.43	
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	7.238	0.0	7.238	87	108867	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.067	3.050	0.017	1	182	0	
T 194 Octadecane (TIC)	254	13.293	6.300	6.993	80	30630	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

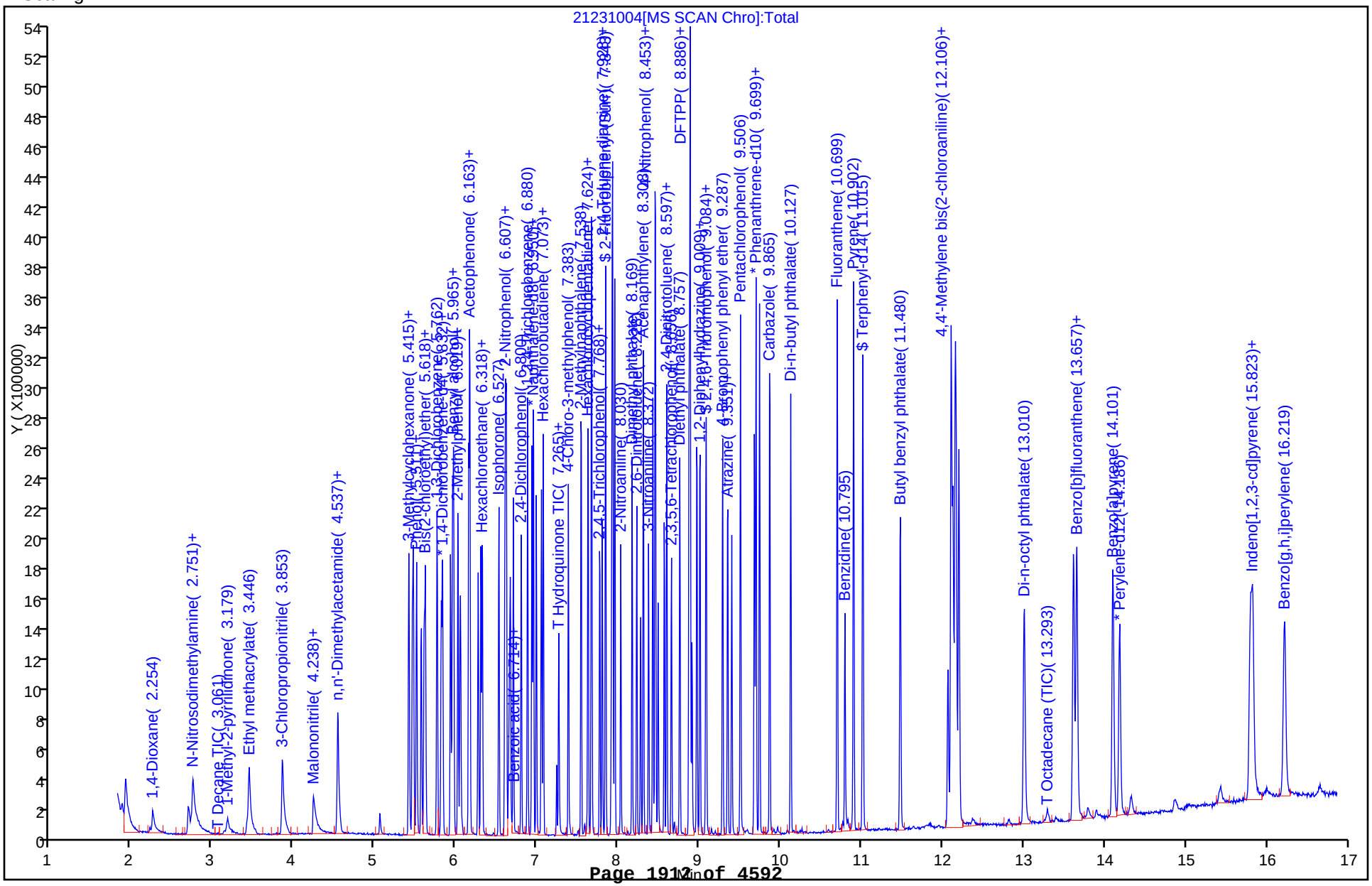
Report Date: 02-Jan-2013 12:45:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231004.D

Injection Date:	31-Dec-2012 10:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70697	Lims Sample ID:	4
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.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70697/13

Matrix: Solid | Lab File ID: 21231013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/31/2012 13:49

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70697 | 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	5.20		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.46		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.30		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	5.07		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.51		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.73		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.14		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	5.18		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.19		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.24		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.35		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.43		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.39		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.39		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.16		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.34		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.16		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.15		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.37		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	5.09		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.18		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.30		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.22		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.34		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.37		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	5.23		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	5.38		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	5.16		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.20		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70697/13

Matrix: Solid | Lab File ID: 21231013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/31/2012 13:49

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70697 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.62		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.57		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.25		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.28		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.18		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.25		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.00		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	5.05		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.30		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.59		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.37		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.05		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.44		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.40		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.19		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.64		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.51		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.71		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.42		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.55		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.22		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.31		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.21		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.4		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	5.25		0.00020	0.00010	0.00010
108-95-2	Phenol	5.54		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	5.30		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	5.43		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-70697/13

Matrix: Solid | Lab File ID: 21231013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/31/2012 13:49

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70697 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	103		50-150
367-12-4	2-Fluorophenol (Surr)	109	Q	50-150
4165-60-0	Nitrobenzene-d5 (Surr)	103	Q	50-150
4165-62-2	Phenol-d5 (Surr)	109	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	102		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	105		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231013.D		
Lims ID:	mrl qccl	Client ID:	
Inject. Date:	31-Dec-2012 13:49:30	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0016305-013		
Misc. Info.:	MRL QCCL		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	70697	Lims Sample ID:	13
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\8270_hp7.m		
Last Update:	02-Jan-2013 12:44:45	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:	XAWRK026		
First Level Reviewer: gruberj		Date:	31-Dec-2012 14:18:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.816	5.816	0.0	97	220356	4.00	
* 2 Naphthalene-d8	136	6.933	6.933	0.0	99	898579	4.00	
* 3 Acenaphthene-d10	164	8.426	8.426	0.0	93	535308	4.00	
* 4 Phenanthrene-d10	188	9.677	9.677	0.0	98	866544	4.00	
* 5 Chrysene-d12	240	12.170	12.170	0.0	92	930742	4.00	
* 6 Perylene-d12	264	14.186	14.186	0.0	91	765727	4.00	
$ 7 2-Fluorophenol	112	4.537	4.543	-0.006	95	368974	5.46	
$ 8 Phenol-d5	99	5.457	5.457	0.0	97	489525	5.44	
$ 9 Nitrobenzene-d5	82	6.302	6.302	0.0	94	507445	5.13	
$ 10 2-Fluorobiphenyl (Surr)	172	7.843	7.843	0.0	100	989541	5.16	
$ 11 2,4,6-Tribromophenol	330	9.089	9.089	0.0	88	94624	5.26	
$ 12 Terphenyl-d14	244	11.014	11.015	-0.001	98	973012	5.11	
21 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
14 4-Methylcatechol	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					
22 3-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
15 Catechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
24 1,4-Dioxane	88	2.259	2.254	0.005	95	143311	4.60	
25 N-Nitrosodimethylamine	74	2.703	2.697	0.006	89	220653	5.14	
26 Pyridine	79	2.751	2.746	0.005	92	405404	5.30	
232 1-Methyl-2-pyrrilidinone	99	3.291	3.271	0.020	0	76	0	
27 Ethyl methacrylate	69	3.446	3.446	0.0	90	316280	5.07	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.858	3.858	0.0	84	328937	5.54	
30 2-Picoline	93		3.913					
31 N-Nitrosomethylethylamine	88		4.053					
32 Malononitrile	66	4.238	4.233	0.005	97	381382	4.30	
33 Acrylamide	71	4.361	4.345	0.016	6	70	0	
34 Methyl methanesulfonate	80		4.400					
29 3-Picoline	93		4.459					
233 n,n'-Dimethylacetamide	44	4.462	4.486	-0.024	0	298	0	
35 N-Nitrosodiethylamine	102		4.817					
36 Ethyl methanesulfonate	79		5.112					9
37 2-Methylcyclohexanone	68	5.313	5.320	-0.007	1	441	0	
38 3-Methylcyclohexanone	69	5.356	5.358	-0.002	1	315	0	
39 4-Methylcyclohexanone	55	5.425	5.406	0.019	1	684	0	
40 Benzaldehyde	77	5.414	5.415	-0.001	89	412698	5.79	
42 Phenylmercaptan	110		5.457					
41 Phenol	94	5.473	5.473	0.0	99	522515	5.54	
43 Aniline	93	5.511	5.511	0.0	96	661317	5.40	
44 Bis(2-chloroethyl)ether	93	5.569	5.570	-0.001	93	474578	5.19	
45 Pentachloroethane	167		5.577					
46 2-Chlorophenol	128	5.618	5.618	0.0	95	397480	5.34	
47 1,3-Dichlorobenzene	146	5.762	5.762	0.0	95	512409	5.30	
48 1,4-Dichlorobenzene	146	5.832	5.832	0.0	82	419038	5.22	
49 Benzyl alcohol	108	5.928	5.928	0.0	86	249137	5.36	
50 1,2-Dichlorobenzene	146	5.965	5.965	0.0	90	479675	5.18	
51 2-Methylphenol	108	6.019	6.019	0.0	97	368355	5.44	
53 Indene	115		6.046					
52 2,2'-oxybis[1-chloropropane]	45	6.051	6.051	0.0	91	697751	5.35	
191 3 & 4 Methylphenol	108	6.152	6.153	-0.001	96	392323	5.40	
55 N-Nitrosopyrrolidine	100		6.160					9
56 N-Nitrosodi-n-propylamine	70	6.163	6.163	0.0	93	288895	5.31	
57 Acetophenone	105	6.169	6.169	-0.001	91	564508	5.37	
58 N-Nitrosomorpholine	56		6.197					9
59 2-Toluidine	106		6.213					
60 Hexachloroethane	117	6.270	6.270	0.0	92	201321	5.30	
61 Nitrobenzene	77	6.324	6.324	0.0	85	554558	5.42	
62 N-Nitrosopiperidine	114		6.465					
63 Isophorone	82	6.527	6.527	0.0	96	799974	5.37	
65 2-Nitrophenol	139	6.596	6.602	-0.006	92	204044	5.55	
66 1,3,5-Trichlorobenzene	180	6.607	6.607	0.0	93	422583	5.28	
64 2,4-Dimethylphenol	107	6.618	6.618	0.0	93	399895	5.23	
69 Benzoic acid	122	6.666	6.682	-0.016	88	409022	9.73	
67 o,o',o''-Triethylphosphorothioat	198		6.689					
68 Bis(2-chloroethoxy)methane	93	6.703	6.704	-0.001	96	579343	5.18	
70 alpha,alpha-Dimethyl phenethylam	58		6.791					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.800	6.805	-0.005	96	320301	5.37	
72 1,2,4-Trichlorobenzene	180	6.880	6.880	0.0	92	424063	5.30	
73 Naphthalene	128	6.955	6.955	0.0	96	1138865	5.19	
74 4-Chloroaniline	127	6.987	6.987	0.0	84	481947	5.20	
75 2,6-Dichlorophenol	162		7.010					9
76 Hexachloropropene	213		7.042					9
77 Hexachlorobutadiene	225	7.051	7.051	0.0	95	217209	5.00	
78 1,2,3-Trichlorobenzene	180	7.072	7.073	-0.001	92	401036	0	
79 Benzothiazole	135		7.169					9
80 Quinoline	129		7.233					
83 Caprolactam	113	7.265	7.271	-0.006	71	123720	6.27	
81 N-Nitrosodi-n-butylamine	84		7.272					9
82 p-Phenylene diamine	108		7.299					
84 4-Chloro-3-methylphenol	107	7.383	7.383	0.0	96	344074	5.39	
93 Safrole, Total	162		7.465					
85 2-Methylnaphthalene	142	7.543	7.538	0.005	88	727687	5.05	
86 1-Methylnaphthalene	142	7.623	7.624	-0.001	81	700222	5.18	
87 1,2,3,5-Tetrachlorobenzene	216	7.666	7.672	-0.006	91	408380	5.31	
88 Hexachlorocyclopentadiene	237	7.671	7.672	-0.001	85	228658	5.05	
89 1,2,4,5-Tetrachlorobenzene	216		7.690					
225 Isosafrole Peak 1	162		7.711					
90 2,4,6-Trichlorophenol	196	7.773	7.768	0.005	92	228659	5.43	
91 2,4,5-Trichlorophenol	196	7.800	7.800	0.0	94	240286	5.22	
227 Isosafrole Peak 2	162		7.904					
94 2,4-Toluene diamine	121	7.912	7.912	0.0	97	170614	3.99	
96 1,2,3,4 -Tetrachlorobenzene	216	7.923	7.923	0.0	94	404352	0	
95 1,1'-Biphenyl	154	7.928	7.934	-0.006	96	885407	5.03	
98 2-Chloronaphthalene	162	7.955	7.955	0.0	97	863215	5.16	
97 3,4-Dichloronitrobenzene	109		7.960					9
99 Phenyl ether	170		8.019					9
100 2-Nitroaniline	65	8.030	8.030	0.0	78	267221	5.64	
101 1,4-Naphthoquinone	158		8.112					
104 1,3-Dinitrobenzene	168		8.155					
103 Dimethyl phthalate	163	8.169	8.169	0.0	97	795991	5.18	
102 1,4-Dinitrobenzene	168		8.214					
105 2,6-Dinitrotoluene	165	8.228	8.228	0.0	90	214362	5.57	
106 1,2-Dinitrobenzene	168	8.276	8.276	0.0	88	103252	5.26	
107 Acenaphthylene	152	8.308	8.308	0.0	90	1142578	5.20	
108 3-Nitroaniline	138	8.372	8.372	0.0	90	208776	5.51	
110 Acenaphthene	153	8.452	8.453	-0.001	90	704338	5.14	
109 2,4-Dinitrophenol	184	8.458	8.458	0.0	73	164595	9.20	
111 4-Nitrophenol	109	8.490	8.490	0.0	94	116579	5.22	
112 2,4-Dinitrotoluene	165	8.565	8.565	0.0	84	296745	5.62	
113 Pentachlorobenzene	250		8.572					9
114 Dibenzofuran	168	8.597	8.597	0.0	85	1029220	5.09	
115 2,3,5,6-Tetrachlorophenol	232	8.656	8.656	0.0	88	190434	5.22	
116 1-Naphthylamine	143		8.668					9
117 2,3,4,6-Tetrachlorophenol	232		8.701					
118 2-Naphthylamine	143		8.738					9
119 Diethyl phthalate	149	8.757	8.757	0.0	97	801299	5.22	
120 Thionazin	97		8.840					
121 4-Chlorophenyl phenyl ether	204	8.875	8.875	0.0	94	463274	5.16	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.886	8.886	0.0	82	834871	5.18	
123 4-Nitroaniline	138	8.886	8.886	0.0	63	214359	5.71	
122 N-Nitro-o-toluidine	152		8.893					
126 4,6-Dinitro-2-methylphenol	198	8.907	8.913	-0.006	68	127107	5.16	
125 Tributyl phosphate	99		8.936					9
130 N-Nitrosodiphenylamine	169	8.966	8.966	0.0	0	611486	5.21	
128 Diphenylamine	169	8.966	8.979	-0.013	89	611486	4.69	
131 Azobenzene	77	9.009	9.009	0.0	99	953941	5.27	
129 1,2-Diphenylhydrazine	77	9.009	9.009	0.0	0	952682	5.26	
132 Sulfotepp	202	9.078	9.091	-0.013	74	95278	5.48	
133 1,3,5-Trinitrobenzene	213		9.182					
228 Diallate Peak 1	86		9.214					
135 Phenacetin	108		9.219					9
136 Phorate	121		9.225					9
137 4-Bromophenyl phenyl ether	248	9.287	9.287	0.0	66	268964	5.35	
230 Diallate Peak 2	86		9.294					
139 Hexachlorobenzene	284	9.351	9.351	0.0	89	262757	5.25	
138 Dimethoate	87		9.369					9
140 Atrazine	200	9.399	9.399	0.0	87	188524	5.71	
141 Pentachlorophenol	266	9.506	9.506	0.0	85	299000	10.4	
127 4-Aminobiphenyl	169		9.514					9
143 Pentachloronitrobenzene	237		9.530					9
142 Pronamide	173		9.546					
145 Dinoseb	211		9.653					
144 Disulfoton	88		9.658					9
146 Phenanthrene	178	9.699	9.699	0.0	96	1220226	5.25	
147 Anthracene	178	9.741	9.742	-0.001	98	1269107	5.46	
148 DFTPP								
149 Carbazole	167	9.864	9.865	-0.001	82	1198754	5.39	
150 Methyl parathion	109		9.979					9
151 Di-n-butyl phthalate	149	10.127	10.127	-0.001	100	1351824	5.38	
152 Diphenylsulfone	125		10.143					9
153 Ethyl Parathion	97		10.300					
154 4-Nitroquinoline-1-oxide	190		10.353					
155 Methapyrilene	58		10.396					9
156 Isodrin	66		10.583					
157 Fluoranthene	202	10.699	10.699	0.0	98	1347434	5.28	
158 Benzidine	184	10.795	10.795	0.0	98	524283	5.15	
160 Pyrene	202	10.902	10.902	0.0	95	1411718	5.24	
164 4,4'-DDE	246		10.956					9
226 Aramite Peak 1	185		10.984					
229 Aramite Peak 2	185		11.054					
161 p-Dimethylamino azobenzene	225		11.156					
162 Chlorobenzilate	139		11.188					9
163 4,4'-DDD	235		11.319					
165 Famphur	218		11.439					
166 Butyl benzyl phthalate	149	11.480	11.480	0.0	96	592976	5.43	
167 3,3'-Dimethylbenzidine	212		11.492					9
168 4,4'-DDT	235		11.597					9
169 2-Acetylaminofluorene	181		11.771					
170 3,3'-Dimethoxybenzidine	244	12.068	12.068	0.0	88	290886	5.49	
173 3,3'-Dichlorobenzidine	252	12.106	12.106	0.0	69	472018	5.34	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.106	12.111	-0.005	71	243661	5.53	
171 Bis(2-ethylhexyl) phthalate	149	12.127	12.127	0.0	96	828110	5.24	
175 Benzo[a]anthracene	228	12.159	12.159	0.0	98	1274476	5.30	
174 Hexabromobenzene	232		12.191					
176 Chrysene	228	12.202	12.202	0.0	93	1173628	5.15	
177 6-Methylchrysene	242		12.785					
178 Di-n-octyl phthalate	149	13.009	13.010	-0.001	99	1342437	5.25	
179 7,12-Dimethylbenz(a)anthracene	256		13.611					
180 Benzo[b]fluoranthene	252	13.619	13.619	0.0	91	1158718	5.07	
181 Benzo[k]fluoranthene	252	13.657	13.657	0.0	99	1259664	5.14	
182 Benzo[a]pyrene	252	14.101	14.106	-0.005	76	1162531	5.41	
183 3-Methylcholanthrene	268		14.637					9
184 Dibenz[a,j]acridine	279		15.454					
185 Dibenz[a,h]acridine	279		15.523					
186 Indeno[1,2,3-cd]pyrene	276	15.796	15.802	-0.006	98	1276099	5.59	
187 Dibenz(a,h)anthracene	278	15.828	15.828	0.0	79	1041948	5.37	
188 Benzo[g,h,i]perylene	276	16.219	16.224	-0.005	90	1101506	5.51	
S 189 Methyl Phenols,Total	100				0		5.44	
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	7.238	0.0	7.238	87	107594	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.029	3.050	-0.021	1	103	0	
T 194 Octadecane (TIC)	254	14.876	6.300	8.576	72	47916	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

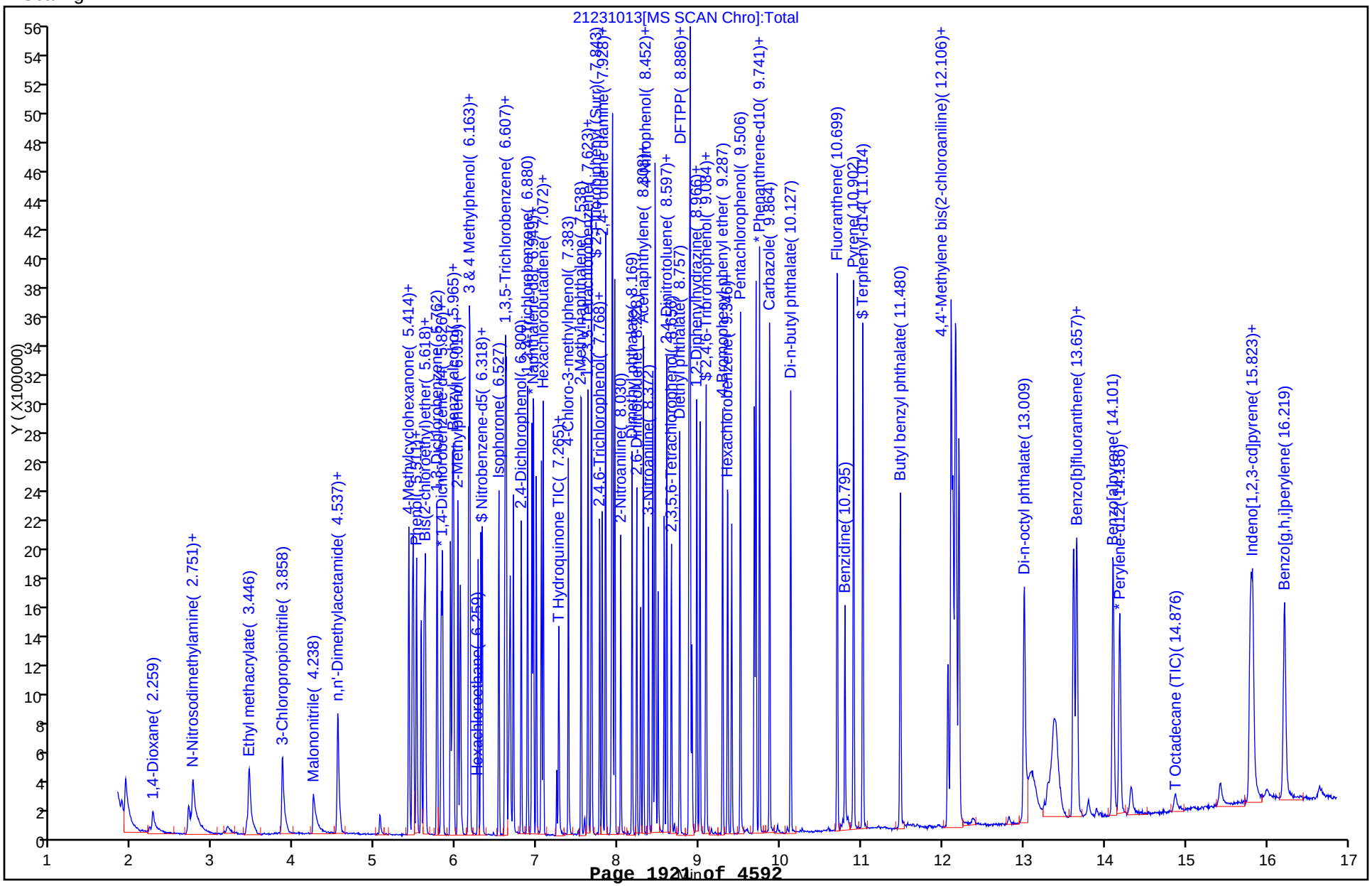
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 02-Jan-2013 12:45:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121231-16305.b\21231013.D		
Injection Date:	31-Dec-2012 13:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	70697	Lims Sample ID:	13
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.: 240-18703-1

SDG No.:

Instrument ID: A4HP7 Start Date: 11/07/2012 11:21

Analysis Batch Number: 64102 End Date: 11/07/2012 14:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-64102/1		11/07/2012 11:21	1	21107001.D	RXI-5SILMS 0.45(mm)
STD5 240-64102/2 IC		11/07/2012 11:44	1	21107002.D	RXI-5SILMS 0.45(mm)
STD4 240-64102/3 IC		11/07/2012 12:07	1	21107003.D	RXI-5SILMS 0.45(mm)
STD3 240-64102/4 IC		11/07/2012 12:31	1	21107004.D	RXI-5SILMS 0.45(mm)
STD2 240-64102/5 IC		11/07/2012 12:54	1	21107005.D	RXI-5SILMS 0.45(mm)
STD1 240-64102/6 IC		11/07/2012 13:18	1	21107006.D	RXI-5SILMS 0.45(mm)
STD9 240-64102/7 IC		11/07/2012 13:41	1	21107007.D	RXI-5SILMS 0.45(mm)
STD8 240-64102/8 IC		11/07/2012 14:05	1	21107008.D	RXI-5SILMS 0.45(mm)
STD7 240-64102/9 IC		11/07/2012 14:28	1	21107009.D	RXI-5SILMS 0.45(mm)
STD6 240-64102/10 ICIS		11/07/2012 14:51	1	21107010.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A4HP7 Start Date: 11/21/2012 11:18

Analysis Batch Number: 65876 End Date: 11/21/2012 22:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-65876/1		11/21/2012 11:18	1	21121001.D	RXI-5SILMS 0.45(mm)
CCV 240-65876/2		11/21/2012 11:41	1		RXI-5SILMS 0.45(mm)
ICV 240-65876/3		11/21/2012 12:04	1	21121003.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 12:28	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 12:51	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 13:15	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 13:38	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 14:01	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 14:25	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 14:48	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 15:12	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 15:35	5		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 15:59	5		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 16:22	5		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 16:46	2.5		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 17:09	12.5		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 17:33	1		RXI-5SILMS 0.45(mm)
mdll1 LODV		11/21/2012 17:56	1		RXI-5SILMS 0.45(mm)
mdll2 LODV		11/21/2012 18:20	1		RXI-5SILMS 0.45(mm)
mdll3 LODV		11/21/2012 18:43	1		RXI-5SILMS 0.45(mm)
mdll4 LODV		11/21/2012 19:06	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 19:29	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 19:53	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 20:16	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 20:39	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 21:02	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 21:26	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 21:49	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 22:12	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 22:35	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 22:58	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A4HP7 Start Date: 12/17/2012 10:07

Analysis Batch Number: 68962 End Date: 12/17/2012 13:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-68962/1		12/17/2012 10:07	1	21217001.D	RXI-5SILMS 0.45(mm)
CCV 240-68962/2		12/17/2012 10:30	1	21217002.D	RXI-5SILMS 0.45(mm)
MRL 240-68962/3		12/17/2012 10:54	1	21217003.D	RXI-5SILMS 0.45(mm)
MB 240-68547/18-A		12/17/2012 11:18	1	21217004.D	RXI-5SILMS 0.45(mm)
LCS 240-68547/19-A		12/17/2012 11:41	1	21217005.D	RXI-5SILMS 0.45(mm)
240-18703-24	076-0140-0001-ER	12/17/2012 12:04	1	21217006.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/17/2012 12:28	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/17/2012 12:51	1		RXI-5SILMS 0.45(mm)
MRL 240-68962/10		12/17/2012 13:15	1	21217010.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

SDG No.:

Instrument ID: A4HP7 Start Date: 12/31/2012 09:14

Analysis Batch Number: 70697 End Date: 12/31/2012 13:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-70697/1		12/31/2012 09:14	1	21231001.D	RXI-5SILMS 0.45(mm)
CCV 240-70697/2		12/31/2012 09:35	1	21231002.D	RXI-5SILMS 0.45(mm)
MRL 240-70697/4		12/31/2012 10:20	1	21231004.D	RXI-5SILMS 0.45(mm)
MB 240-69993/23-A		12/31/2012 11:30	1	21231007.D	RXI-5SILMS 0.45(mm)
LCS 240-69993/24-A		12/31/2012 11:53	1	21231008.D	RXI-5SILMS 0.45(mm)
MB 240-69614/23-A		12/31/2012 12:16	1	21231009.D	RXI-5SILMS 0.45(mm)
LCS 240-69614/24-A		12/31/2012 12:39	1	21231010.D	RXI-5SILMS 0.45(mm)
240-18703-23	072SB-0081-0001-SO	12/31/2012 13:03	1	21231011.D	RXI-5SILMS 0.45(mm)
240-18703-18	072SB-0075-0001-SO	12/31/2012 13:26	1	21231012.D	RXI-5SILMS 0.45(mm)
MRL 240-70697/13		12/31/2012 13:49	1	21231013.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/24/2012 10:05

Analysis Batch Number: 69988 End Date: 12/24/2012 21:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-69988/1		12/24/2012 10:05	1	21224001.D	RXI-5SILMS 0.45(mm)
CCV 240-69988/2		12/24/2012 10:28	1	21224002.D	RXI-5SILMS 0.45(mm)
MRL 240-69988/3		12/24/2012 10:53	1	21224003.D	RXI-5SILMS 0.45(mm)
MB 240-69569/23-A		12/24/2012 11:20	1	21224004.D	RXI-5SILMS 0.45(mm)
LCS 240-69569/24-A		12/24/2012 11:45	1	21224005.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/24/2012 13:00	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/24/2012 13:25	1		RXI-5SILMS 0.45(mm)
240-18703-1	072SB-0092-0001-SO	12/24/2012 13:50	1	21224010.D	RXI-5SILMS 0.45(mm)
240-18703-8	072SB-0082-0001-SO	12/24/2012 14:15	1	21224011.D	RXI-5SILMS 0.45(mm)
240-18703-9	072SB-0083-0001-SO	12/24/2012 14:39	1	21224012.D	RXI-5SILMS 0.45(mm)
240-18703-10	072SB-0084-0001-SO	12/24/2012 15:04	1	21224013.D	RXI-5SILMS 0.45(mm)
240-18703-11	072SB-0085-0001-SO	12/24/2012 15:29	1	21224014.D	RXI-5SILMS 0.45(mm)
240-18703-12	072SB-0086-0001-SO	12/24/2012 15:54	1	21224015.D	RXI-5SILMS 0.45(mm)
240-18703-13	072SB-0087-0001-SO	12/24/2012 16:19	1	21224016.D	RXI-5SILMS 0.45(mm)
240-18703-14	072SB-0088-0001-SO	12/24/2012 16:44	1	21224017.D	RXI-5SILMS 0.45(mm)
240-18703-15	072SB-0089-0001-SO	12/24/2012 17:09	1	21224018.D	RXI-5SILMS 0.45(mm)
240-18703-16	072SB-0090-0001-SO	12/24/2012 17:34	1	21224019.D	RXI-5SILMS 0.45(mm)
240-18703-17	072SB-0091-0001-SO	12/24/2012 17:59	1	21224020.D	RXI-5SILMS 0.45(mm)
240-18703-19	072SB-0076-0001-SO	12/24/2012 18:24	1	21224021.D	RXI-5SILMS 0.45(mm)
240-18703-20	072SB-0077-0001-SO	12/24/2012 18:49	1	21224022.D	RXI-5SILMS 0.45(mm)
240-18703-21	072SB-0079-0001-SO	12/24/2012 19:14	1	21224023.D	RXI-5SILMS 0.45(mm)
240-18703-22	072SB-0080-0001-SO	12/24/2012 19:39	1	21224024.D	RXI-5SILMS 0.45(mm)
MRL 240-69988/25		12/24/2012 20:04	1	21224025.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		12/24/2012 20:29	1	21224026.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		12/24/2012 20:53	1	21224027.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		12/24/2012 21:18	1	21224028.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Batch Number: 68547 Batch Start Date: 12/13/12 12:45 Batch Analyst: Coast, Chris

Batch Method: 3520C Batch End Date: 12/14/12 06:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	EXBNALCS1 00031	EXBNASURRW 00021
240-18703-M-24	076-0140-0001-ER	3520C, 8270C/DoD	T	7 SU	1050 mL	2 mL	2 SU		1 mL
MB 240-68547/18		3520C, 8270C/DoD		7 SU	1000 mL	2 mL	2 SU		1 mL
LCS 240-68547/19		3520C, 8270C/DoD		7 SU	1000 mL	2 mL	2 SU	1 mL	1 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	EXRESTEKSPKW 00017					
240-18703-M-24	076-0140-0001-ER	3520C, 8270C/DoD	T						
MB 240-68547/18		3520C, 8270C/DoD							
LCS 240-68547/19		3520C, 8270C/DoD		1 mL					

Batch Notes	
Acid used for pH adjust Lot #	711898
Person's name who did the concentration	ac/bm
Na2SO4 Lot Number	677233
Prep Solvent Lot #	781165

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.: 240-18703-1

SDG No.:

Batch Number: 69569 Batch Start Date: 12/20/12 15:10 Batch Analyst: Earle, Steve

Batch Method: 3540C Batch End Date: 12/21/12 07:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00031	EXBNASURRW 00021	EXRESTEKSPKW 00017	
240-18703-H-9	072SB-0083-0001-SO	3540C, 8270C/DoD	T	30.45 g	2 mL		1 mL		
240-18703-H-10	072SB-0084-0001-SO	3540C, 8270C/DoD	T	30.15 g	2 mL		1 mL		
240-18703-H-11	072SB-0085-0001-SO	3540C, 8270C/DoD	T	30.35 g	2 mL		1 mL		
240-18703-H-12	072SB-0086-0001-SO	3540C, 8270C/DoD	T	29.67 g	2 mL		1 mL		
240-18703-H-13	072SB-0087-0001-SO	3540C, 8270C/DoD	T	29.52 g	2 mL		1 mL		
240-18703-H-14	072SB-0088-0001-SO	3540C, 8270C/DoD	T	30.31 g	2 mL		1 mL		
240-18703-H-15	072SB-0089-0001-SO	3540C, 8270C/DoD	T	29.77 g	2 mL		1 mL		
240-18703-H-16	072SB-0090-0001-SO	3540C, 8270C/DoD	T	29.64 g	2 mL		1 mL		
240-18703-H-17	072SB-0091-0001-SO	3540C, 8270C/DoD	T	30.27 g	2 mL		1 mL		
240-18703-I-19	072SB-0076-0001-SO	3540C, 8270C/DoD	T	29.97 g	2 mL		1 mL		
240-18703-I-20	072SB-0077-0001-SO	3540C, 8270C/DoD	T	29.54 g	2 mL		1 mL		
240-18703-H-21	072SB-0079-0001-SO	3540C, 8270C/DoD	T	29.84 g	2 mL		1 mL		
240-18703-H-22	072SB-0080-0001-SO	3540C, 8270C/DoD	T	30.10 g	2 mL		1 mL		
240-18703-H-1	072SB-0092-0001-SO	3540C, 8270C/DoD	T	30.41 g	2 mL		1 mL		
240-18703-H-8	072SB-0082-0001-SO	3540C, 8270C/DoD	T	30.28 g	2 mL		1 mL		
MB 240-69569/23		3540C, 8270C/DoD		30.00 g	2 mL		1 mL		
LCS 240-69569/24		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 #	785980

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.: 240-18703-1

SDG No.:

Batch Number: 69569 Batch Start Date: 12/20/12 15:10 Batch Analyst: Earle, Steve

Batch Method: 3540C Batch End Date: 12/21/12 07:10

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.: 240-18703-1

SDG No.:

Batch Number: 69614 Batch Start Date: 12/20/12 15:10 Batch Analyst: Earle, Steve

Batch Method: 3540C Batch End Date: 12/21/12 07:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00031	EXBNASURRW 00021	EXRESTEKSPKW 00017	
240-18703-I-23	072SB-0081-0001-SO	3540C, 8270C/DoD	T	30.29 g	2 mL		1 mL		
MB 240-69614/23		3540C, 8270C/DoD		30.00 g	2 mL		1 mL		
LCS 240-69614/24		3540C, 8270C/DoD		30.00 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	b037
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.: 240-18703-1

SDG No.:

Batch Number: 69993 Batch Start Date: 12/24/12 14:00 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 12/25/12 06:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00031	EXBNASURRW 00021	EXRESTEKSPKW 00017	
240-18703-K-18	072SB-0075-0001-SO	3540C, 8270C/DoD	T	29.66 g	2 mL		1 mL		
MB 240-69993/23		3540C, 8270C/DoD		30.00 g	2 mL		1 mL		
LCS 240-69993/24		3540C, 8270C/DoD		30.00 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	b036
Person's name who did the concentration	lah/lm
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.

Method 8015B - GRO

Gasoline Range Organics (GC) by Method 8015B

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1	#
072SB-0092-0001-SO	240-18703-1	85	
072SB-0083-0001-SO	240-18703-9	73	
072SB-0084-0001-SO	240-18703-10	83	
072SB-0085-0001-SO	240-18703-11	80	
072SB-0086-0001-SO	240-18703-12	60	
072SB-0087-0001-SO	240-18703-13	79	
072SB-0088-0001-SO	240-18703-14	82	
072SB-0089-0001-SO	240-18703-15	72	
072SB-0090-0001-SO	240-18703-16	83	
072SB-0091-0001-SO	240-18703-17	78	
072SB-0075-0001-SO	240-18703-18	77	
072SB-0076-0001-SO	240-18703-19	75	
072SB-0077-0001-SO	240-18703-20	333	Q
072SB-0079-0001-SO	240-18703-21	97	M
072SB-0080-0001-SO	240-18703-22	232	Q
072SB-0081-0001-SO	240-18703-23	60	
	MB 240-69738/52	89	
	LCS 240-69738/53	101	

	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
	MRL 240-69738/51	85
	MRL 240-69738/76	84

	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1	#
072SB-0082-0001-SO	240-18703-8	73	
072SB-0082-0001-SO RA	240-18703-8 RA	69	
072SB-0077-0001-SO	240-18703-20	73	
072SB-0080-0001-SO	240-18703-22	75	
	MB 240-69748/1-A	89	
	LCS 240-69748/2-A	102	
	MRL 240-69965/5	85	
	MRL 240-69965/15	5	Q
	MRL 240-70834/28	77	
	MRL 240-70834/33	0	Q

	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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1	#
076SB-0143-0001-TB	240-18703-5	84	
076SB-0144-0001-TB	240-18703-6	77	
076SB-0145-0001-TB	240-18703-7	62	
076-0140-0001-ER	240-18703-24	79	
076-0141-0001-TB	240-18703-25	64	
076-0142-0001-TB	240-18703-26	85	
	MB 240-69738/36	76	
	LCS 240-69738/37	92	
076-0140-0001-ER MS	240-18703-24 MS	88	
076-0140-0001-ER MSD	240-18703-24 MSD	88	M

	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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
	MRL 240-69738/35	85

	QC LIMITS
TFT = Trifluorotoluene (Surr)	70-130

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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: YF122137.D

Lab ID: LCS 240-69738/37 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
C6-C12	800	830	104	72-140	

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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF122153.D

Lab ID: LCS 240-69738/53 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
C6-C12	800	965	121	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: YF122407.D

Lab ID: LCS 240-69748/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
C6-C12	40000	47100	118	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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: YF122135.D

Lab ID: MRL 240-69738/35 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	78.6 J	79	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF122151.D

Lab ID: MRL 240-69738/51 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	115	115	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF122176.D

Lab ID: MRL 240-69738/76 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	83.6 J	84	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: YF122405.D

Lab ID: MRL 240-69965/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	147	147	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: YF122415.D

Lab ID: MRL 240-69965/15 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	118	118	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: YF010228.D

Lab ID: MRL 240-70834/28 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	133	133	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.: 240-18703-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: YF010233.D

Lab ID: MRL 240-70834/33 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	125	125	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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: YF122142.D

Lab ID: 240-18703-24 MS Client ID: 076-0140-0001-ER MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
C6-C12	800	50 U	846	106	63-143	

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.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: YF122143.D

Lab ID: 240-18703-24 MSD Client ID: 076-0140-0001-ER MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
C6-C12	800	864	108	2	20	63-143	

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.: 240-18703-1

SDG No.:

Lab Sample ID: MB 240-69738/52

Matrix: Solid Date Extracted:

Lab File ID:(1) YF122152.D Lab File ID:(2)

Date Analyzed:(1) 12/22/2012 18:53 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 240-69738/53	12/22/2012 19:32	
072SB-0092-0001-SO	240-18703-1	12/22/2012 20:11	
072SB-0083-0001-SO	240-18703-9	12/22/2012 20:49	
072SB-0084-0001-SO	240-18703-10	12/22/2012 21:27	
072SB-0085-0001-SO	240-18703-11	12/22/2012 22:06	
072SB-0086-0001-SO	240-18703-12	12/22/2012 22:44	
072SB-0087-0001-SO	240-18703-13	12/22/2012 23:22	
072SB-0088-0001-SO	240-18703-14	12/23/2012 00:00	
072SB-0089-0001-SO	240-18703-15	12/23/2012 01:16	
072SB-0090-0001-SO	240-18703-16	12/23/2012 01:54	
072SB-0091-0001-SO	240-18703-17	12/23/2012 02:31	
072SB-0075-0001-SO	240-18703-18	12/23/2012 03:09	
072SB-0076-0001-SO	240-18703-19	12/23/2012 03:47	
072SB-0077-0001-SO	240-18703-20	12/23/2012 04:24	
072SB-0079-0001-SO	240-18703-21	12/23/2012 05:02	
072SB-0080-0001-SO	240-18703-22	12/23/2012 05:39	
072SB-0081-0001-SO	240-18703-23	12/23/2012 06:17	

FORM IV
GASOLINE RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: MB 240-69748/1-A

Matrix: Solid Date Extracted: 12/21/2012 09:33

Lab File ID:(1) YF122406.D Lab File ID:(2)

Date Analyzed:(1) 12/24/2012 11:04 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 240-69748/2-A	12/24/2012 11:43	
072SB-0082-0001-SO	240-18703-8	12/24/2012 12:21	
072SB-0077-0001-SO	240-18703-20	12/24/2012 13:36	
072SB-0080-0001-SO	240-18703-22	12/24/2012 14:51	
072SB-0082-0001-SO RA	240-18703-8 RA	01/03/2013 04:56	

FORM IV
GASOLINE RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: MB 240-69738/36

Matrix: Water Date Extracted: 12/22/2012 08:46

Lab File ID:(1) YF122136.D Lab File ID:(2)

Date Analyzed:(1) 12/22/2012 08:46 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 240-69738/37	12/22/2012 09:24	
076SB-0143-0001-TB	240-18703-5	12/22/2012 10:01	
076SB-0144-0001-TB	240-18703-6	12/22/2012 10:39	
076SB-0145-0001-TB	240-18703-7	12/22/2012 11:16	
076-0140-0001-ER	240-18703-24	12/22/2012 11:54	
076-0140-0001-ER MS	240-18703-24 MS	12/22/2012 12:32	
076-0140-0001-ER MSD	240-18703-24 MSD	12/22/2012 13:10	
076-0141-0001-TB	240-18703-25	12/22/2012 13:47	
076-0142-0001-TB	240-18703-26	12/22/2012 15:02	

FORM VIII
GASOLINE RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-69738/5 Date Analyzed: 12/21/2012 13:05

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): YF122105.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 240-69738/5 CCVRT		12/21/2012 13:05	YF122105.D	9.76		
CCV 240-69738/10		12/21/2012 16:14	YF122110.D	9.76		
CCV 240-69738/34		12/22/2012 07:30	YF122134.D	9.76		
MB 240-69738/36		12/22/2012 08:46	YF122136.D	9.76		
LCS 240-69738/37		12/22/2012 09:24	YF122137.D	9.76		
240-18703-5	076SB-0143-0001-TB	12/22/2012 10:01	YF122138.D	9.75		
240-18703-6	076SB-0144-0001-TB	12/22/2012 10:39	YF122139.D	9.75		
240-18703-7	076SB-0145-0001-TB	12/22/2012 11:16	YF122140.D	9.75		
240-18703-24	076-0140-0001-ER	12/22/2012 11:54	YF122141.D	9.75		
240-18703-24 MS	076-0140-0001-ER MS	12/22/2012 12:32	YF122142.D	9.76		
240-18703-24 MSD	076-0140-0001-ER MSD	12/22/2012 13:10	YF122143.D	9.76		
240-18703-25	076-0141-0001-TB	12/22/2012 13:47	YF122144.D	9.76		
CCV 240-69738/45		12/22/2012 14:25	YF122145.D	9.76		
240-18703-26	076-0142-0001-TB	12/22/2012 15:02	YF122146.D	9.75		
CCV 240-69738/50		12/22/2012 17:35	YF122150.D	9.76		
MB 240-69738/52		12/22/2012 18:53	YF122152.D	9.75		
LCS 240-69738/53		12/22/2012 19:32	YF122153.D	9.76		
240-18703-1	072SB-0092-0001-SO	12/22/2012 20:11	YF122154.D	9.75		
240-18703-9	072SB-0083-0001-SO	12/22/2012 20:49	YF122155.D	9.75		
240-18703-10	072SB-0084-0001-SO	12/22/2012 21:27	YF122156.D	9.75		
240-18703-11	072SB-0085-0001-SO	12/22/2012 22:06	YF122157.D	9.75		
240-18703-12	072SB-0086-0001-SO	12/22/2012 22:44	YF122158.D	9.75		
240-18703-13	072SB-0087-0001-SO	12/22/2012 23:22	YF122159.D	9.75		
240-18703-14	072SB-0088-0001-SO	12/23/2012 00:00	YF122160.D	9.75		
CCV 240-69738/61		12/23/2012 00:38	YF122161.D	9.76		
240-18703-15	072SB-0089-0001-SO	12/23/2012 01:16	YF122162.D	9.76		
240-18703-16	072SB-0090-0001-SO	12/23/2012 01:54	YF122163.D	9.75		

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.: 240-18703-1

SDG No.:

Sample No.: CCV 240-69738/5 Date Analyzed: 12/21/2012 13:05

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): YF122105.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			
240-18703-17	072SB-0091-0001-SO	12/23/2012 02:31	YF122164.D	9.76		
240-18703-18	072SB-0075-0001-SO	12/23/2012 03:09	YF122165.D	9.75		
240-18703-19	072SB-0076-0001-SO	12/23/2012 03:47	YF122166.D	9.76		
240-18703-20	072SB-0077-0001-SO	12/23/2012 04:24	YF122167.D	9.78		
240-18703-21	072SB-0079-0001-SO	12/23/2012 05:02	YF122168.D	9.76		
240-18703-22	072SB-0080-0001-SO	12/23/2012 05:39	YF122169.D	9.79		
240-18703-23	072SB-0081-0001-SO	12/23/2012 06:17	YF122170.D	9.75		
CCV 240-69738/71		12/23/2012 06:55	YF122171.D	9.76		
CCV 240-69738/75		12/23/2012 09:27	YF122175.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.: 240-18703-1

SDG No.:

Sample No.: CCV 240-69965/4 Date Analyzed: 12/24/2012 09:48

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): YF122404.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 240-69965/4 CCVRT		12/24/2012 09:48	YF122404.D	9.76		
MB 240-69748/1-A		12/24/2012 11:04	YF122406.D	9.76		
LCS 240-69748/2-A		12/24/2012 11:43	YF122407.D	9.76		
240-18703-8	072SB-0082-0001-SO	12/24/2012 12:21	YF122408.D	9.76		
240-18703-20	072SB-0077-0001-SO	12/24/2012 13:36	YF122410.D	9.76		
240-18703-22	072SB-0080-0001-SO	12/24/2012 14:51	YF122412.D	9.76		
CCV 240-69965/14		12/24/2012 16:06	YF122414.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.: 240-18703-1

SDG No.:

Sample No.: CCV 240-70834/5 Date Analyzed: 01/02/2013 12:35

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): YF010205.D Heated Purge: (Y/N) N

Calibration ID: 13004

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 240-70834/5 CCVRT		01/02/2013 12:35	YF010205.D	9.76		
CCV 240-70834/27		01/03/2013 02:26	YF010227.D	9.76		
240-18703-8 RA	072SB-0082-0001-SO RA	01/03/2013 04:56	YF010231.D	9.75		
CCV 240-70834/32		01/03/2013 05:35	YF010232.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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0092-0001-SO | Lab Sample ID: 240-18703-1

Matrix: Solid | Lab File ID: YF122154.D

Analysis Method: 8015B | Date Collected: 12/10/2012 12:37

Sample wt/vol: 6.343(g) | Date Analyzed: 12/22/2012 20:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 12.8 | Level: (low/med) Low

Analysis Batch No.: 69738 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	45	U	90	45	42

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	85		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122154.D		
Lims ID:	240-18703-B-1-C	Client ID:	072SB-0092-0001-SO
Inject. Date:	22-Dec-2012 20:11:18	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-054		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	54
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:34	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:	XAWRK003		

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	9.754	9.756	-0.002	1305872	8.50	
A 1 C6-C12	2		5.001 - 21.920				

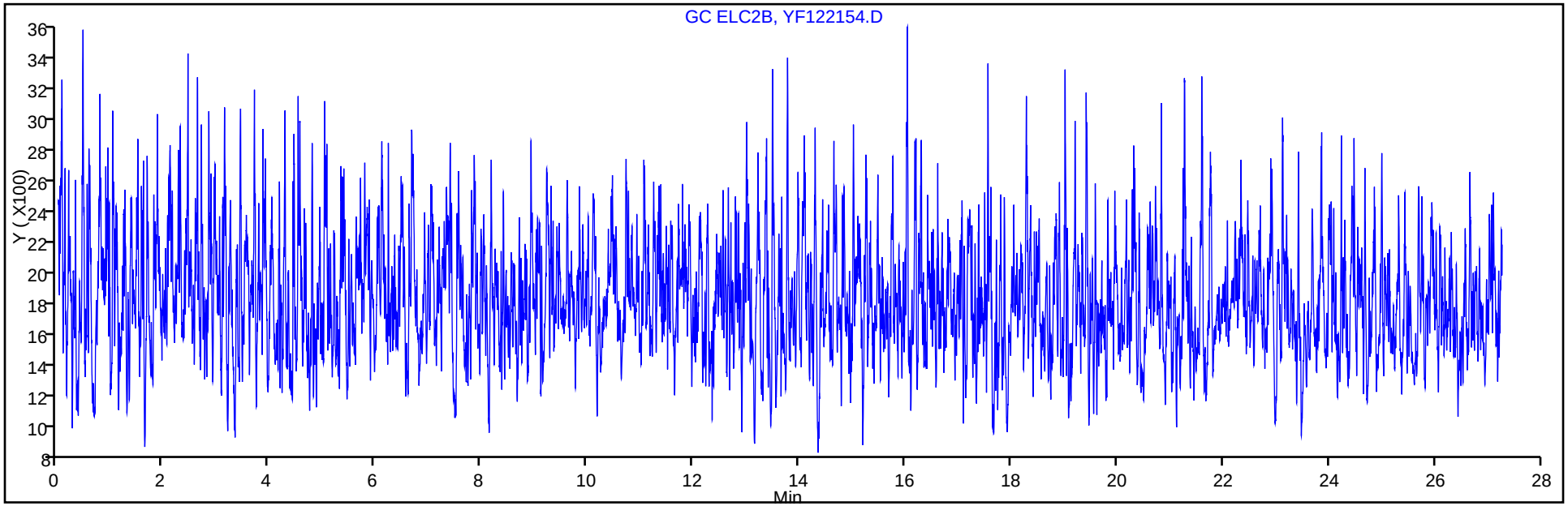
Report Date: 26-Dec-2012 15:23:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

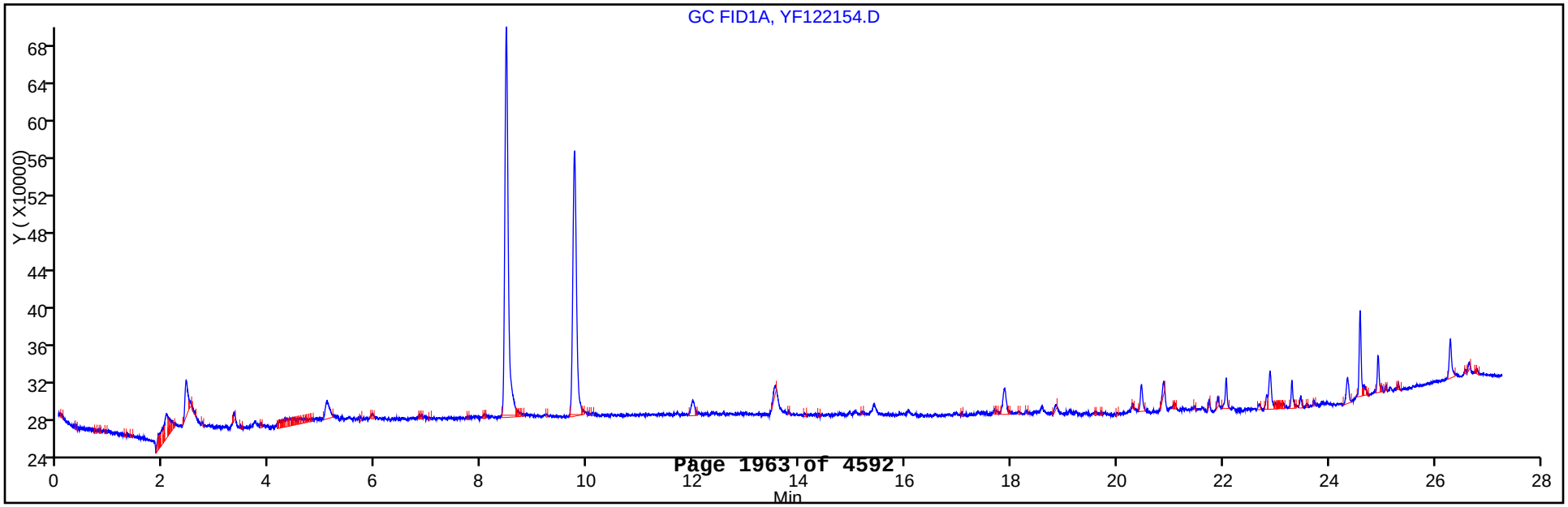
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122154.D

Injection Date:	22-Dec-2012 20:11:18	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0092-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	54
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.: 240-18703-1

SDG No.:

Client Sample ID: 076SB-0143-0001-TB Lab Sample ID: 240-18703-5

Matrix: Water Lab File ID: YF122138.D

Analysis Method: 8015B Date Collected: 12/10/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 10:01

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.: 69738 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	29	J	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	84		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122138.D		
Lims ID:	240-18703-B-5	Client ID:	076SB-0143-0001-TB
Inject. Date:	22-Dec-2012 10:01:44	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-038		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	38
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:15	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:	XAWRK003		

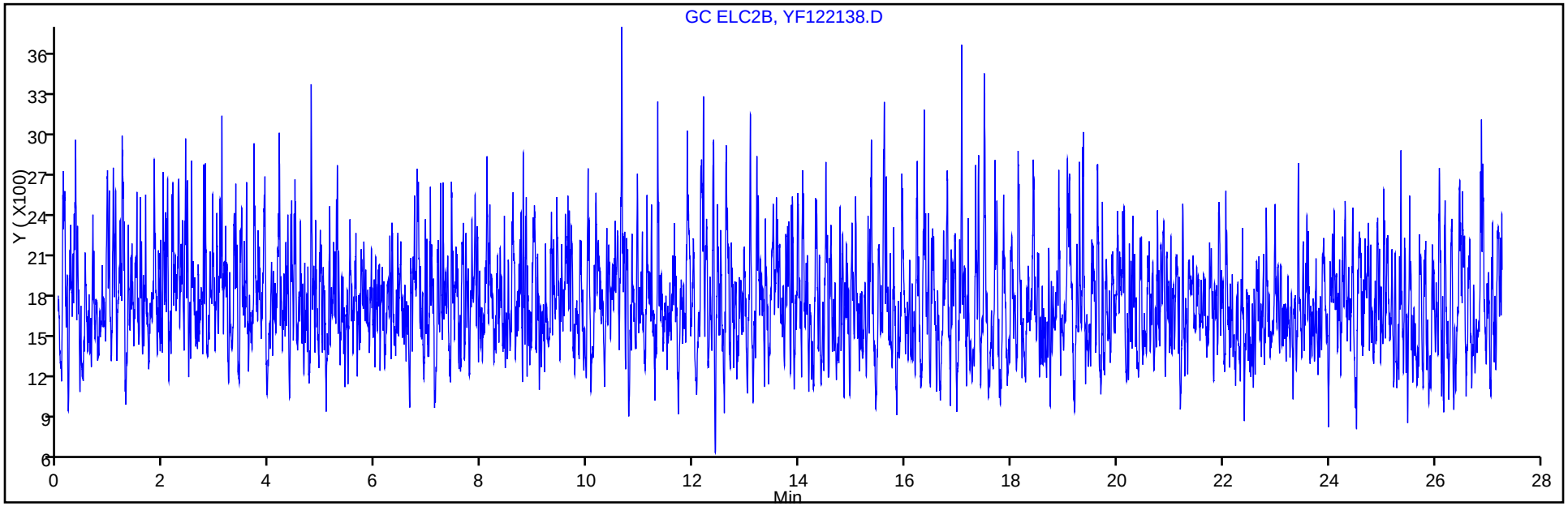
Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.752	9.759	-0.007	1284277	8.35	
A 1 C6-C12	2	13.461	5.001 - 21.920		10592456	28.5	

Report Date: 26-Dec-2012 15:23:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

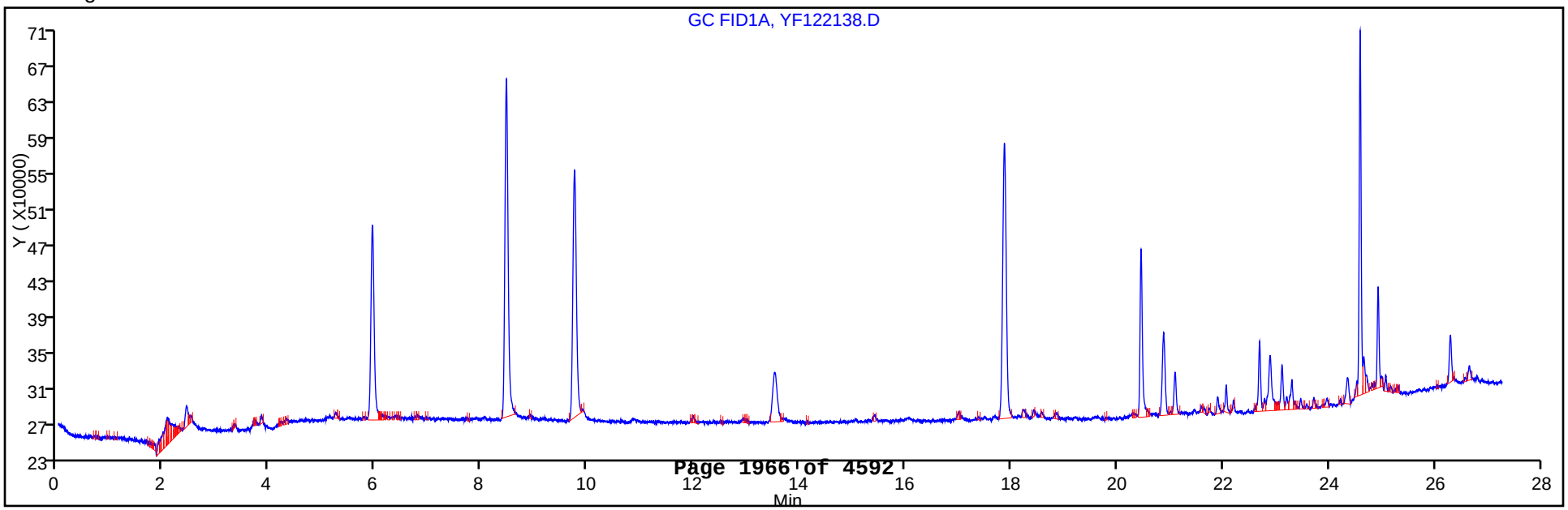
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122138.D		
Injection Date:	22-Dec-2012 10:01:44	Limit Group:	GCV 8015B GRO ICAL
Client ID:	076SB-0143-0001-TB	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	38
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



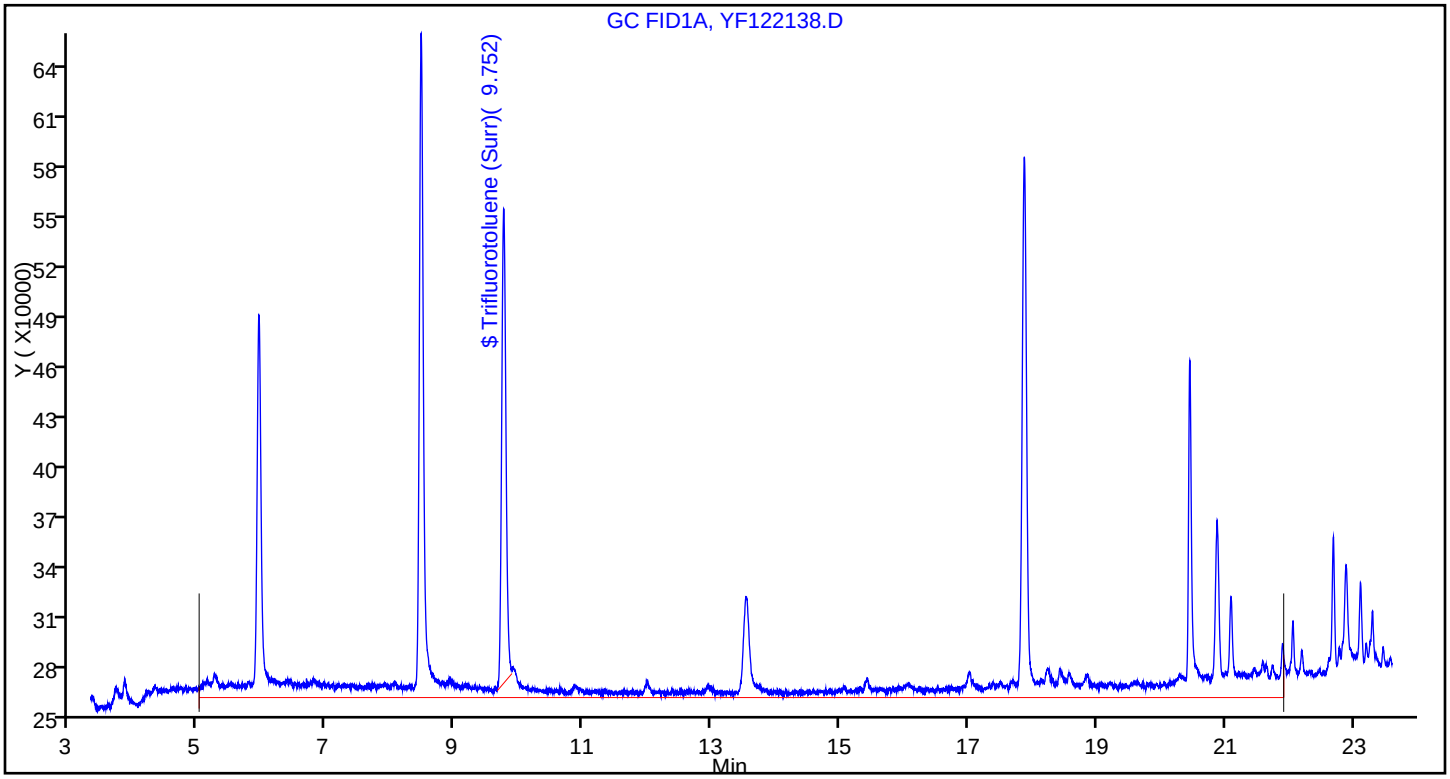
Report Date: 26-Dec-2012 15:23:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122138.D

Injection Date:	22-Dec-2012 10:01:44	Limit Group:	GCV 8015B GRO ICAL
Client ID:	076SB-0143-0001-TB	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	38
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.: 240-18703-1

SDG No.:

Client Sample ID: 076SB-0144-0001-TB Lab Sample ID: 240-18703-6

Matrix: Water Lab File ID: YF122139.D

Analysis Method: 8015B Date Collected: 12/10/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 10:39

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.: 69738 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	27	J	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	77		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122139.D		
Lims ID:	240-18703-B-6	Client ID:	076SB-0144-0001-TB
Inject. Date:	22-Dec-2012 10:39:10	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-039		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	39
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:15	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:	XAWRK003		

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	9.754	9.759	-0.005	1189234	7.74	
A 1 C6-C12	2	13.461	5.001 - 21.920		10318418	26.5	

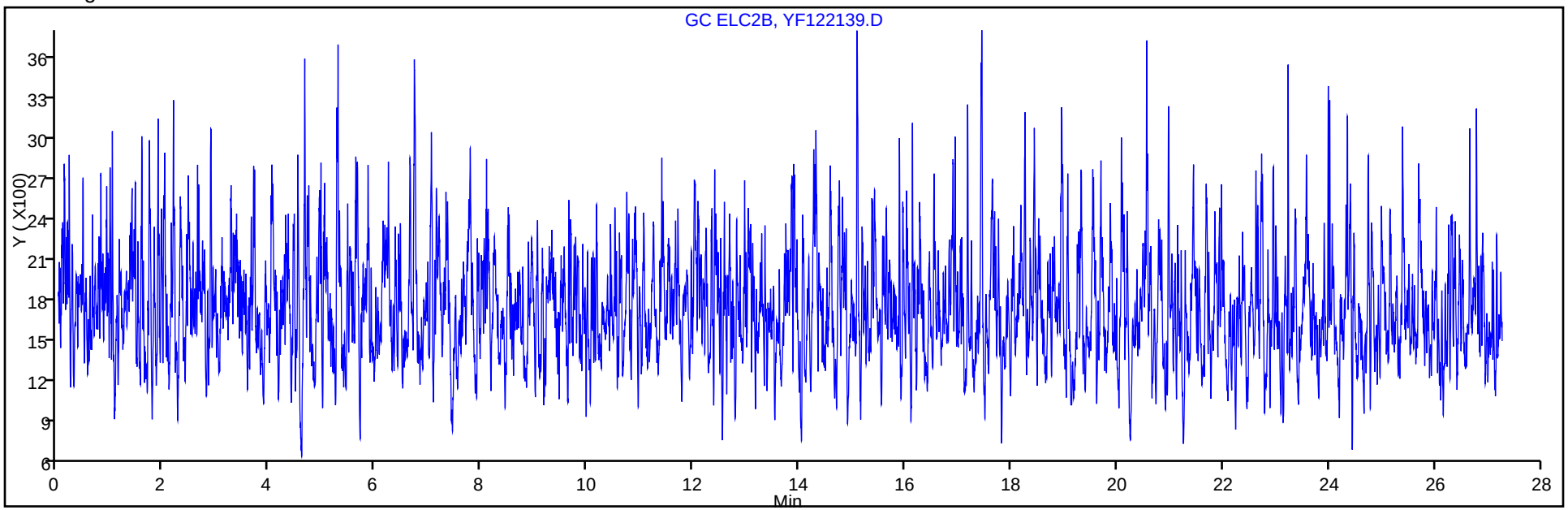
Report Date: 26-Dec-2012 15:23:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

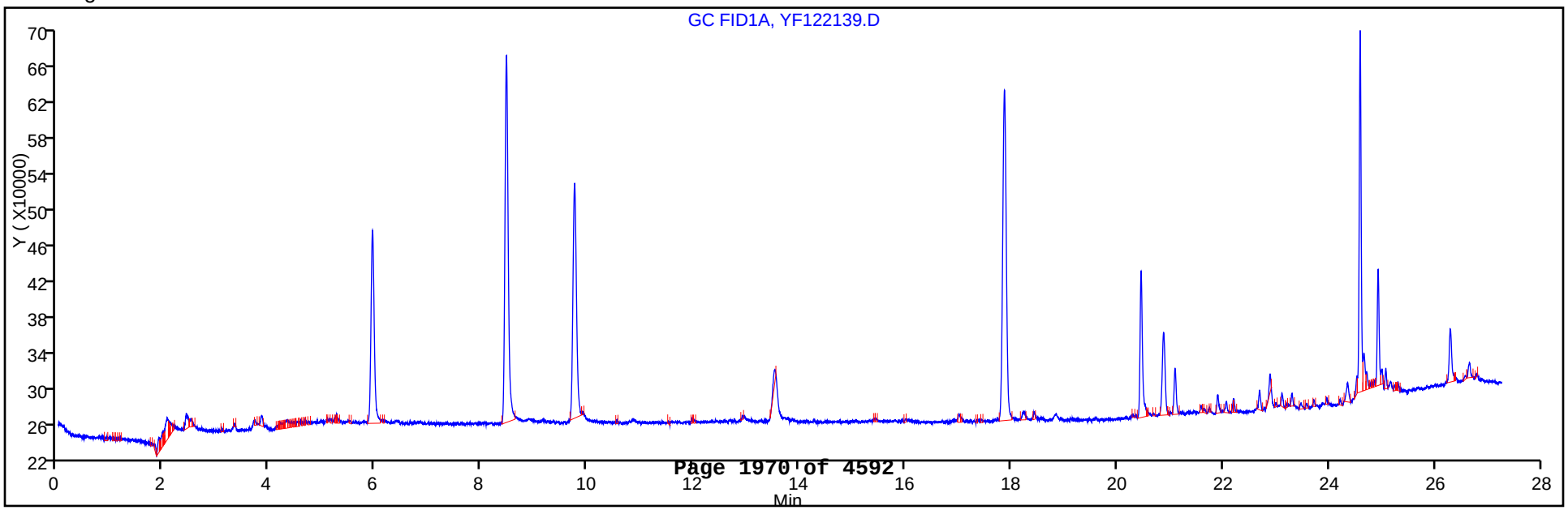
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122139.D

Injection Date:	22-Dec-2012 10:39:10	Limit Group:	GCV 8015B GRO ICAL
Client ID:	076SB-0144-0001-TB	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	39
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

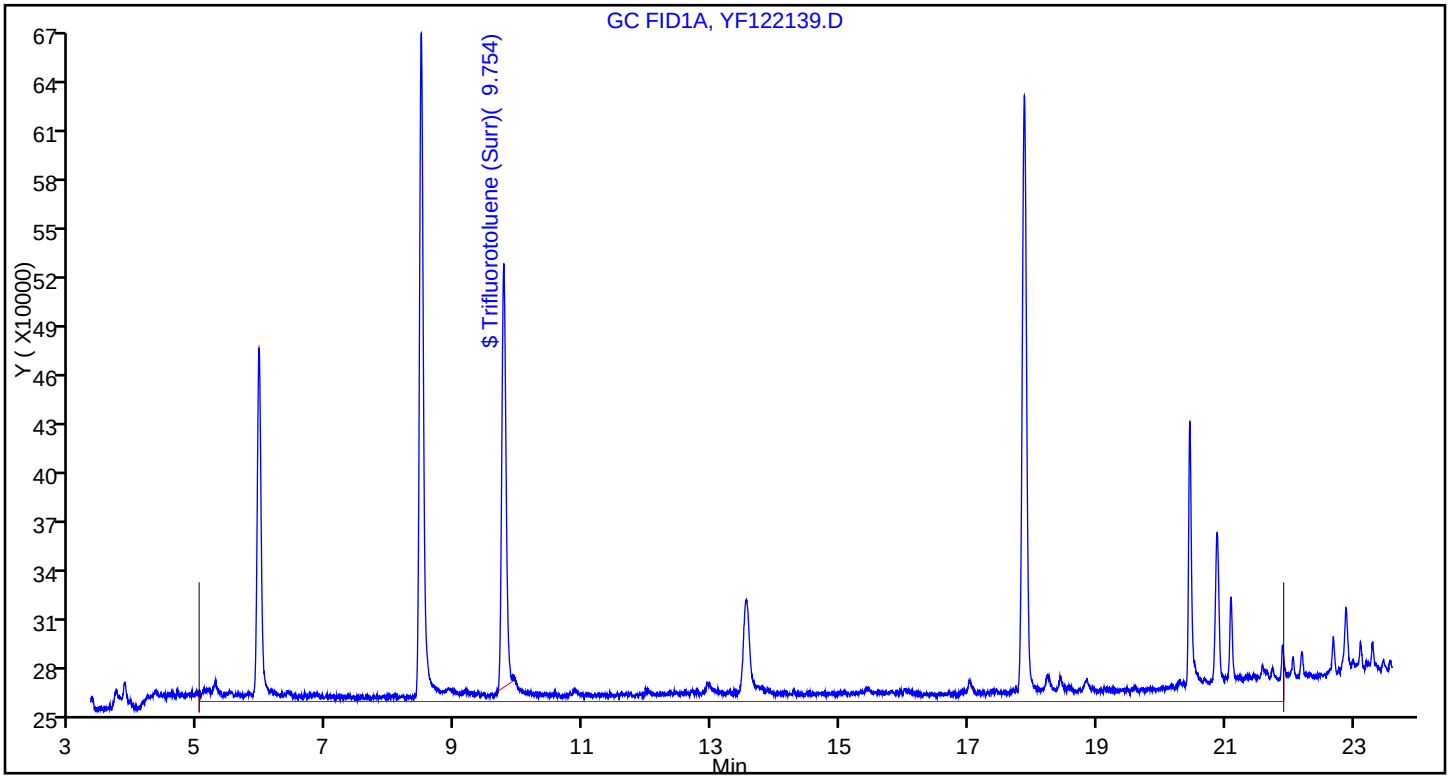


Report Date: 26-Dec-2012 15:23:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122139.D		
Injection Date:	22-Dec-2012 10:39:10	Limit Group:	GCV 8015B GRO ICAL
Client ID:	076SB-0144-0001-TB	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	39
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.: 240-18703-1

SDG No.:

Client Sample ID: 076SB-0145-0001-TB Lab Sample ID: 240-18703-7

Matrix: Water Lab File ID: YF122140.D

Analysis Method: 8015B Date Collected: 12/10/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 11:16

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.: 69738 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	50	U	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	62		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122140.D		
Lims ID:	240-18703-B-7	Client ID:	076SB-0145-0001-TB
Inject. Date:	22-Dec-2012 11:16:55	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-040		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	40
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:15	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:	XAWRK003		

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	9.752	9.759	-0.007	953450	6.20	
A 1 C6-C12	2		5.001 - 21.920				

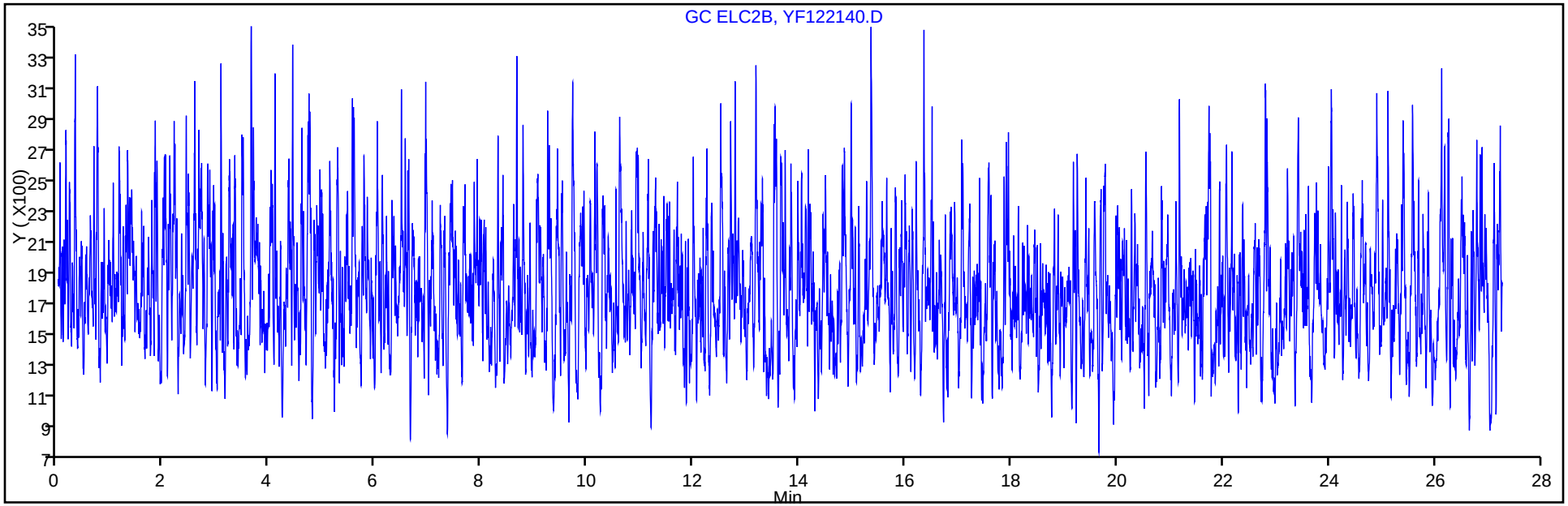
Report Date: 26-Dec-2012 15:23:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

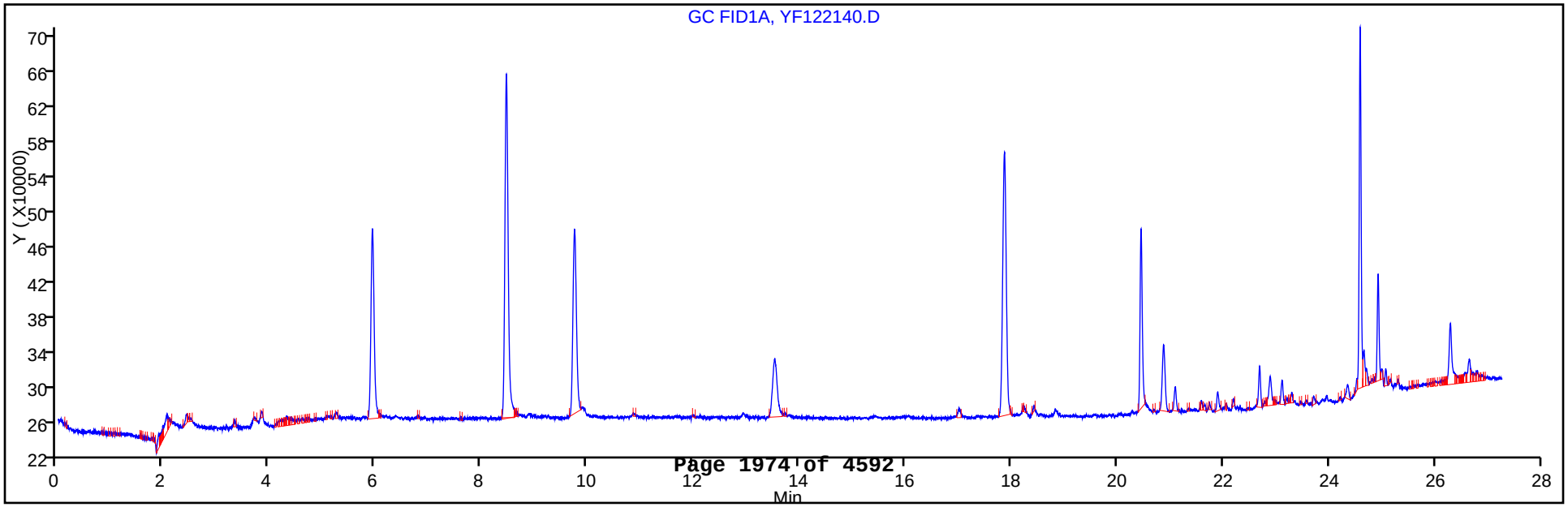
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Injection Date:	22-Dec-2012 11:16:55	Limit Group:	GCV 8015B GRO ICAL
Client ID:	076SB-0145-0001-TB	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	40
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0082-0001-SO Lab Sample ID: 240-18703-8

Matrix: Solid Lab File ID: YF122408.D

Analysis Method: 8015B Date Collected: 12/10/2012 10:45

Sample wt/vol: 6.749(g) Date Analyzed: 12/24/2012 12:21

Soil Aliquot Vol: 100 (uL) Dilution Factor: 2

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.5 Level: (low/med) Medium

Analysis Batch No.: 69965 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	*C6-C12*	*37000*		*8800*	4400	*3000*

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	73		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121224-16140.b\YF122408.D		
Lims ID:	240-18703-B-8-B	Client ID:	072SB-0082-0001-SO
Inject. Date:	24-Dec-2012 12:21:18	Dil. Factor:	2.0000
Sample Type:	Client		
Sample ID:	240-0016140-008		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69965	Lims Sample ID:	8
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121224-16140.b\Y80158021.m		
Last Update:	28-Dec-2012 12:21:30	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:	XAWRK035		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	2	9.755	9.757	-0.002	564257	3.67	
A 1 C6-C12	2	13.487	4.978 - 21.997		64369844	422.9	

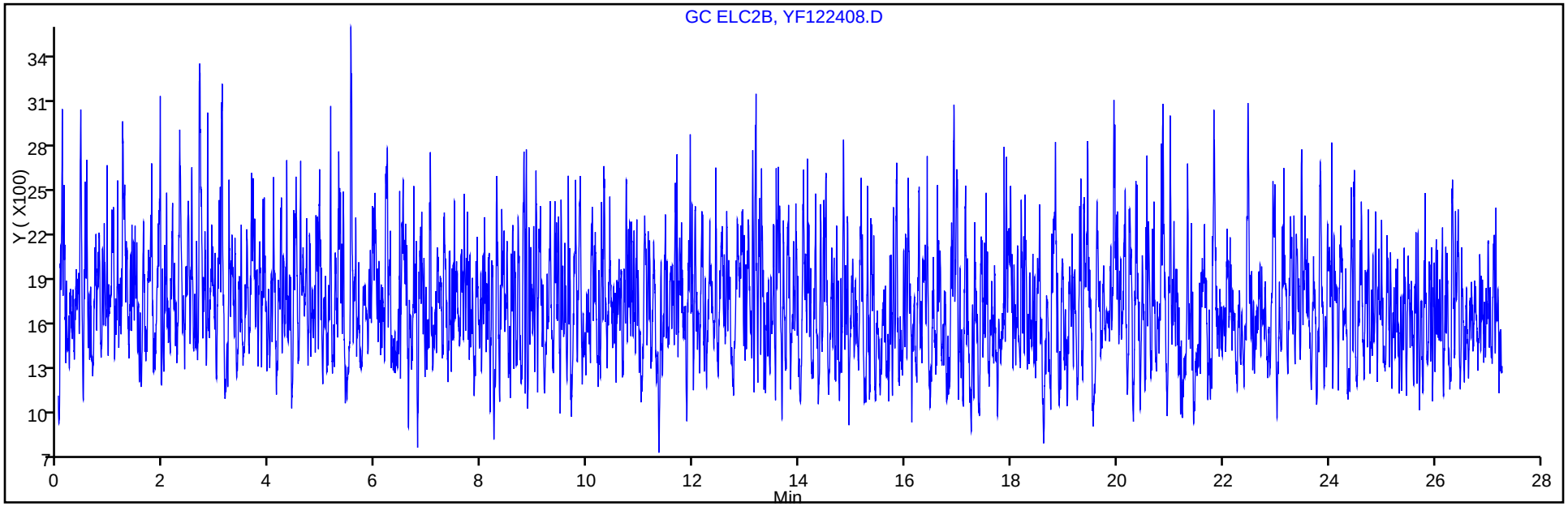
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TestAmerica Canton

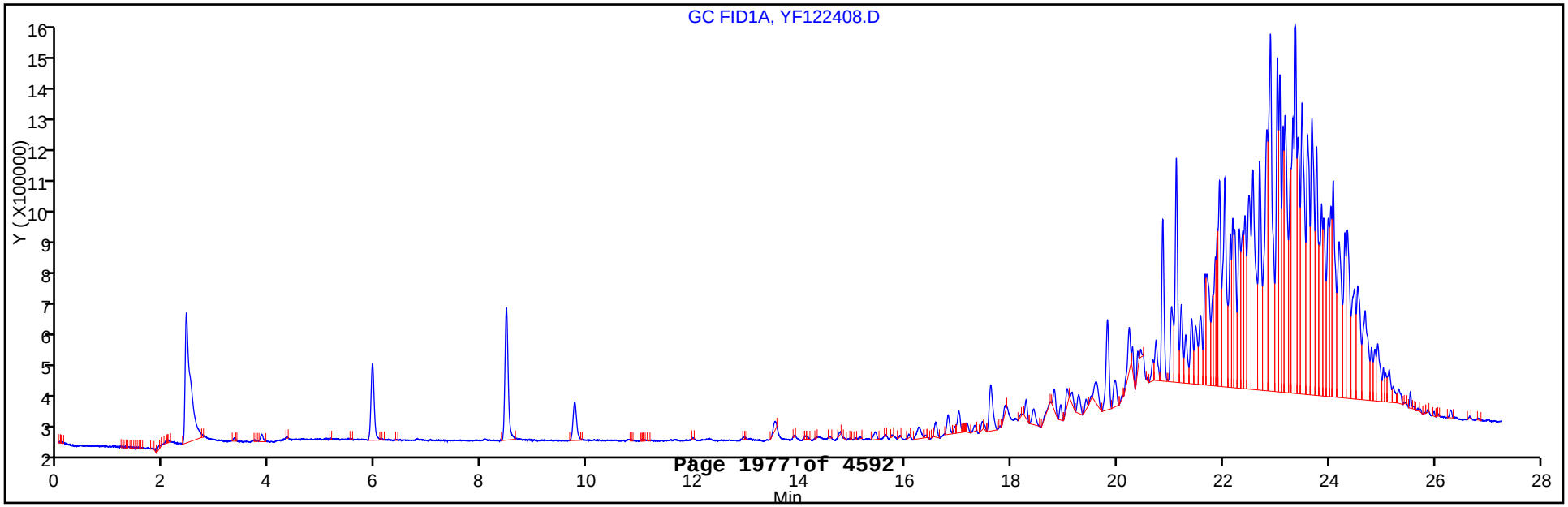
Data File: \\Ncchrom\ChromData\YPID\20121224-16140.b\YF122408.D

Injection Date:	24-Dec-2012 12:21:18	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69965	Lims Sample ID:	8
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

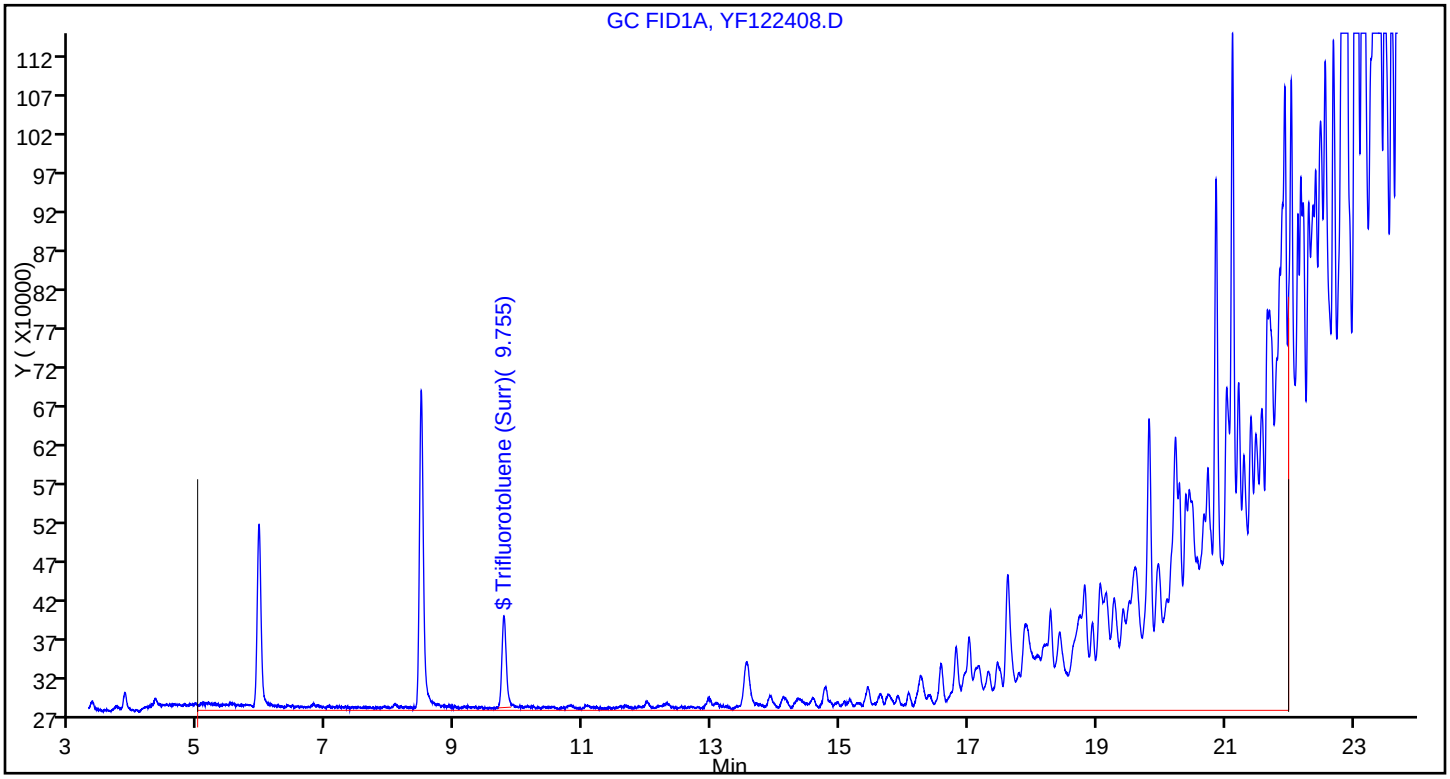


Report Date: 28-Dec-2012 12:21:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121224-16140.b\YF122408.D		
Injection Date:	24-Dec-2012 12:21:18	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69965	Lims Sample ID:	8
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0082-0001-SO RA Lab Sample ID: 240-18703-8 RA

Matrix: Solid Lab File ID: YF010231.D

Analysis Method: 8015B Date Collected: 12/10/2012 10:45

Sample wt/vol: 6.749(g) Date Analyzed: 01/03/2013 04:56

Soil Aliquot Vol: 100 (uL) Dilution Factor: 2

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.5 Level: (low/med) Medium

Analysis Batch No.: 70834 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	43000	H	8800	4400	3000

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	69		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20130102-16337.b\YF010231.D		
Lims ID:	240-18703-B-8-B	Client ID:	072SB-0082-0001-SO
Inject. Date:	03-Jan-2013 04:56:55	Dil. Factor:	2.0000
Sample Type:	Client		
Sample ID:	240-0016337-031		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	70834	Lims Sample ID:	31
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20130102-16337.b\Y80158021.m		
Last Update:	03-Jan-2013 15:31:50	Calib Date:	28-Dec-2012 14:47:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK024		

Compound	Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	2	9.754	9.760	-0.006	459072	3.44	
A 1 C6-C12	2	13.502	5.011 - 21.994		79173950	486.1	

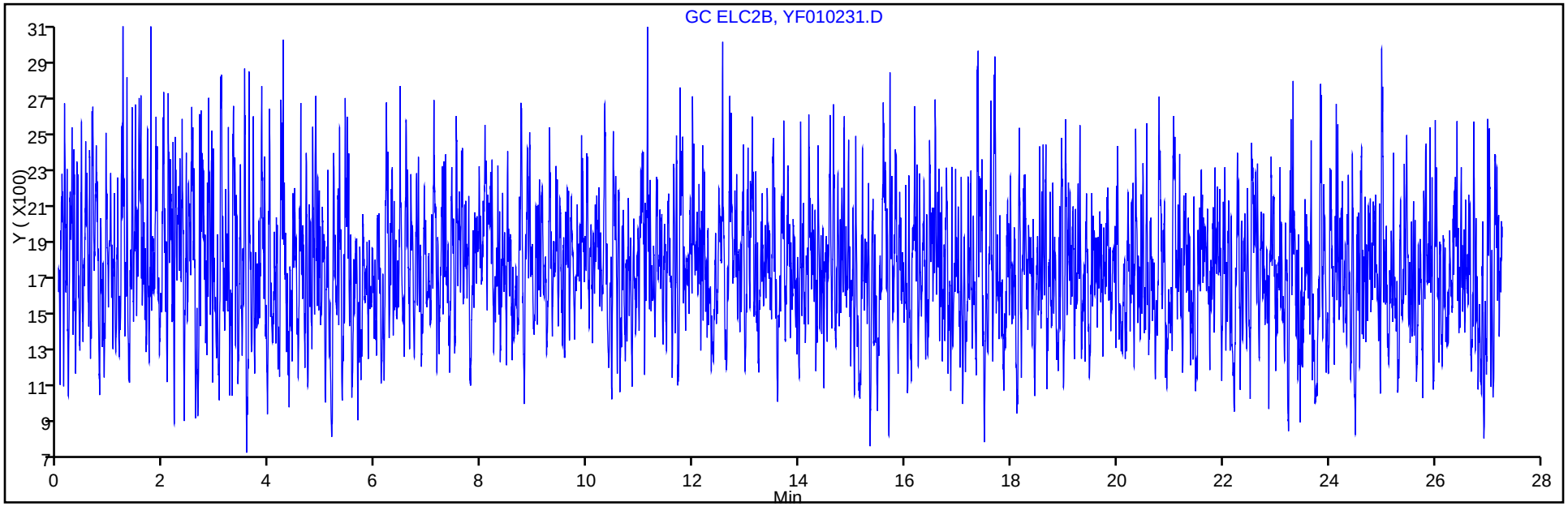
Report Date: 03-Jan-2013 15:31:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

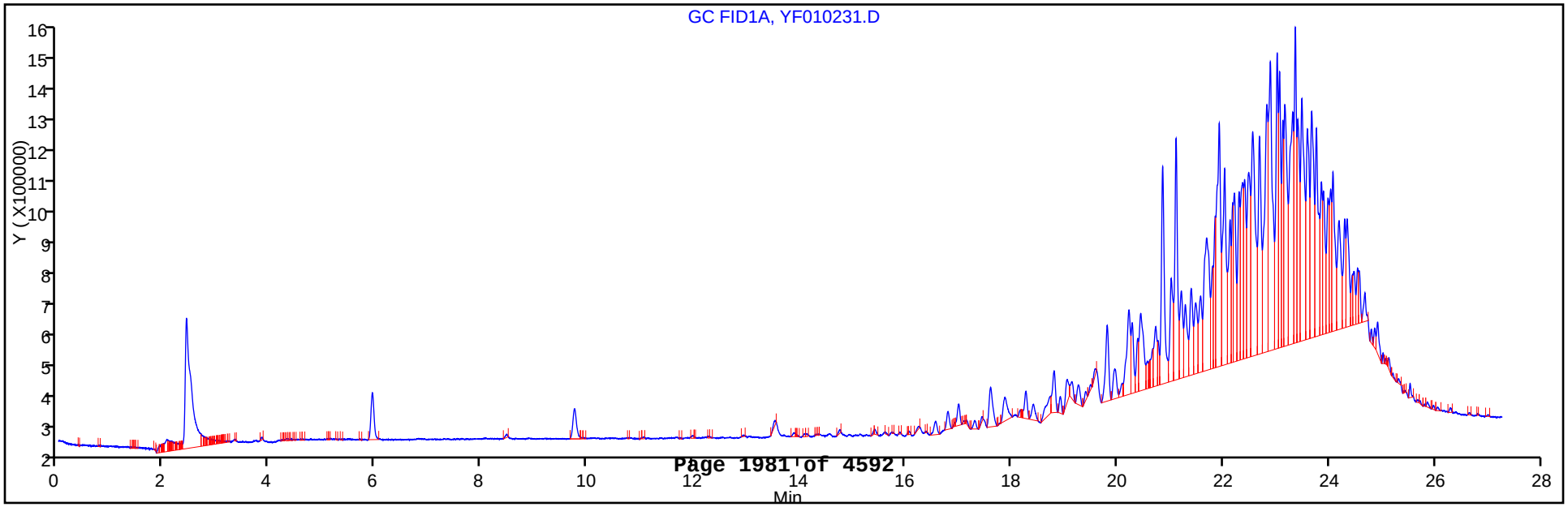
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Injection Date:	03-Jan-2013 04:56:55	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	YPID
Lims Batch ID:	70834	Lims Sample ID:	31
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

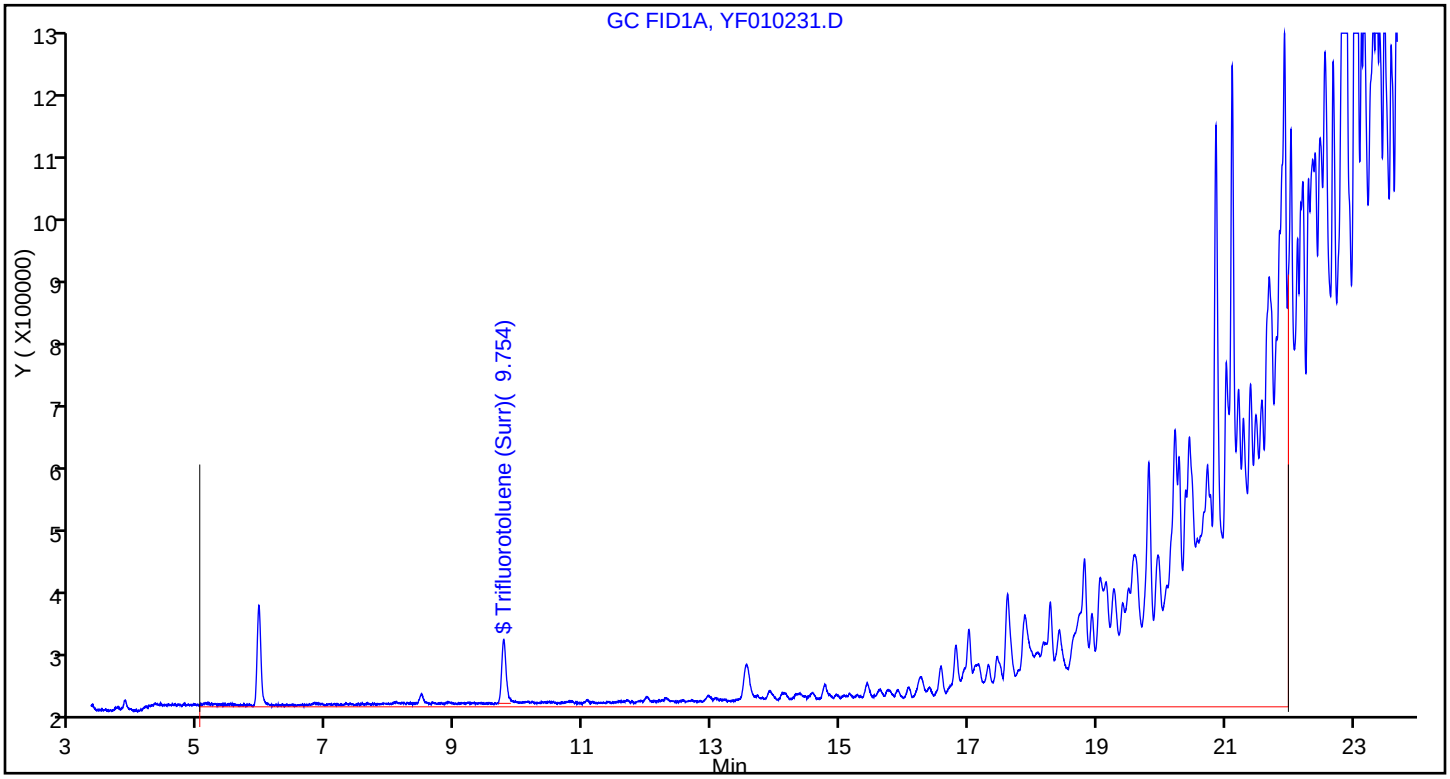


Report Date: 03-Jan-2013 15:31:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20130102-16337.b\YF010231.D		
Injection Date:	03-Jan-2013 04:56:55	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0082-0001-SO	Instrument ID:	YPID
Lims Batch ID:	70834	Lims Sample ID:	31
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0083-0001-SO Lab Sample ID: 240-18703-9

Matrix: Solid Lab File ID: YF122155.D

Analysis Method: 8015B Date Collected: 12/10/2012 11:15

Sample wt/vol: 6.303(g) Date Analyzed: 12/22/2012 20:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 14.5 Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	46	U	93	46	43

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	73		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122155.D		
Lims ID:	240-18703-B-9-C	Client ID:	072SB-0083-0001-SO
Inject. Date:	22-Dec-2012 20:49:43	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-055		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	55
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:34	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:	XAWRK003		

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	9.752	9.756	-0.004	1115159	7.25	
A 1 C6-C12	2		5.001 - 21.920				

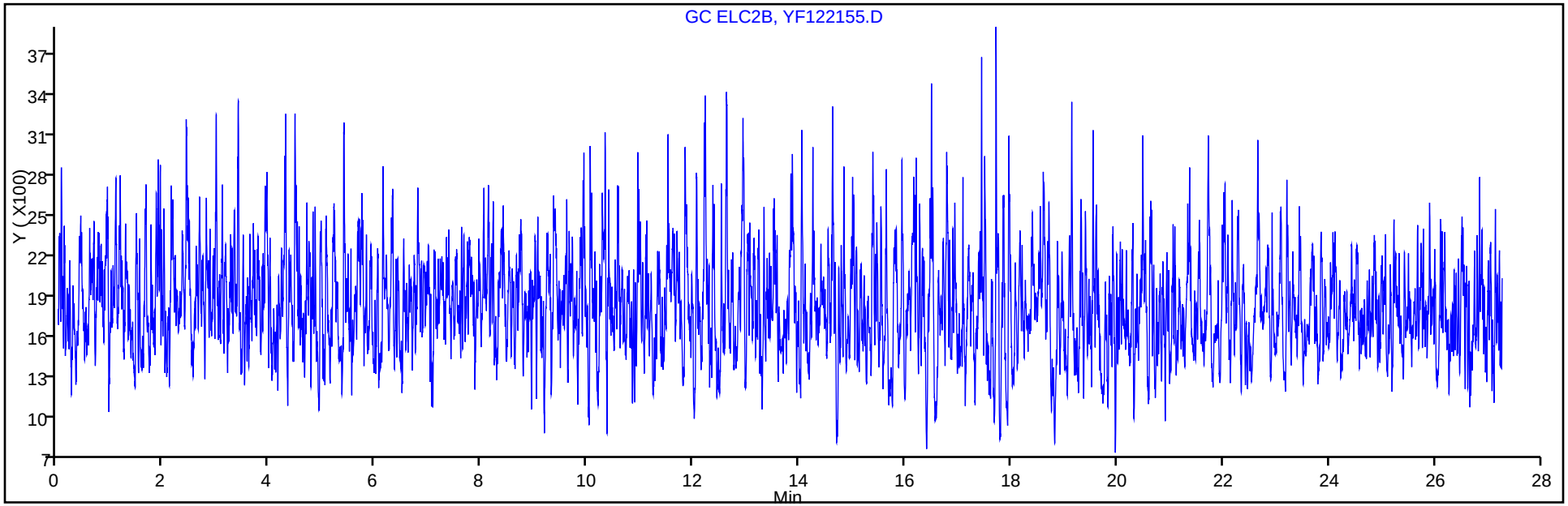
Report Date: 26-Dec-2012 15:23:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

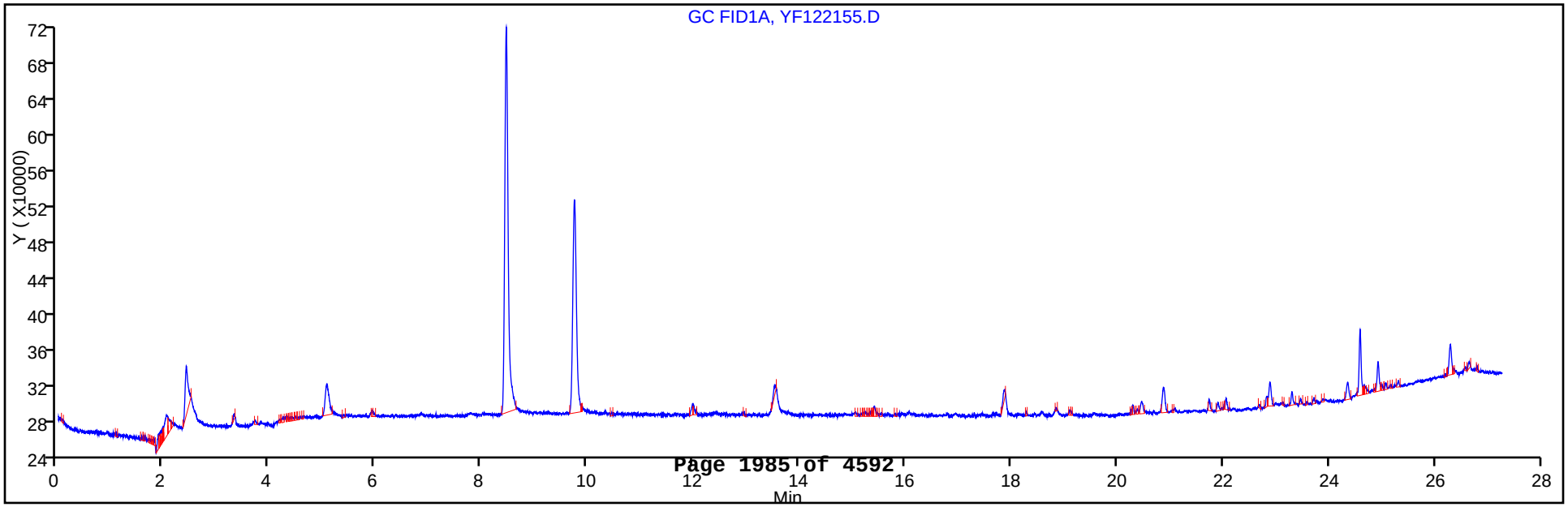
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122155.D

Injection Date:	22-Dec-2012 20:49:43	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0083-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0084-0001-SO Lab Sample ID: 240-18703-10

Matrix: Solid Lab File ID: YF122156.D

Analysis Method: 8015B Date Collected: 12/10/2012 11:30

Sample wt/vol: 4.99(g) Date Analyzed: 12/22/2012 21:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 13.9 Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	58	U	120	58	54

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\20121221-16087.b\YF122156.D		
Lims ID:	240-18703-B-10-C	Client ID:	072SB-0084-0001-SO
Inject. Date:	22-Dec-2012 21:27:47	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-056		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	56
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:34	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:	XAWRK003		

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	9.751	9.756	-0.005	1269969	8.26	
A 1 C6-C12	2		5.001 - 21.920				

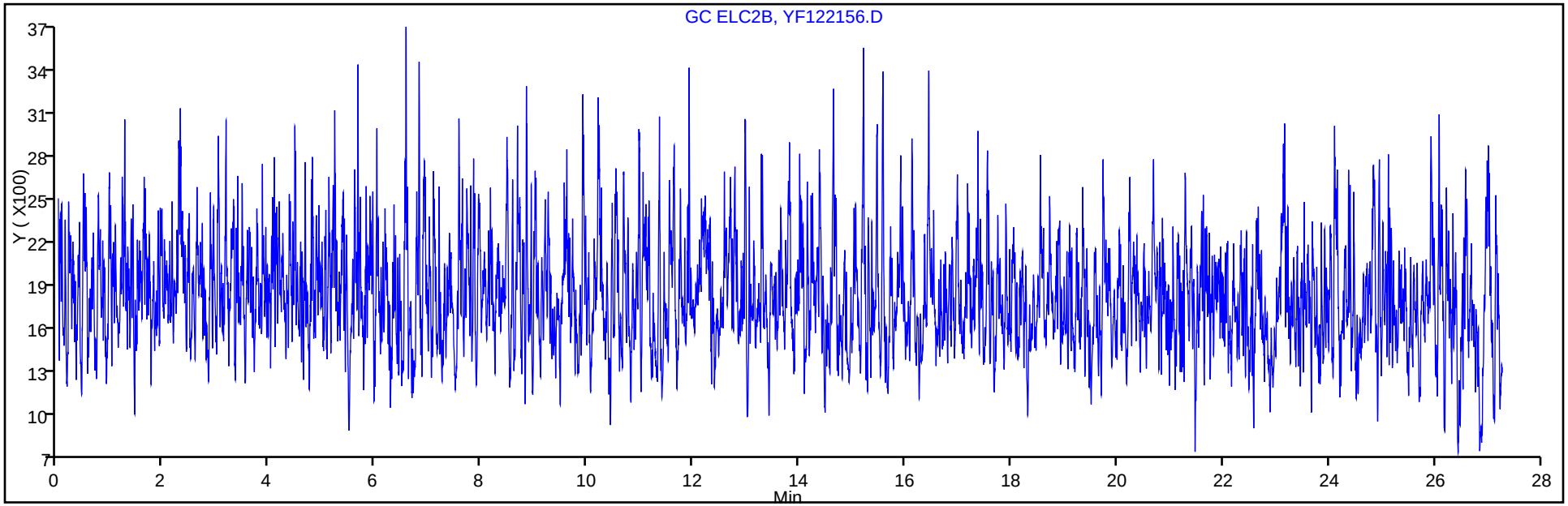
Report Date: 26-Dec-2012 15:23:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

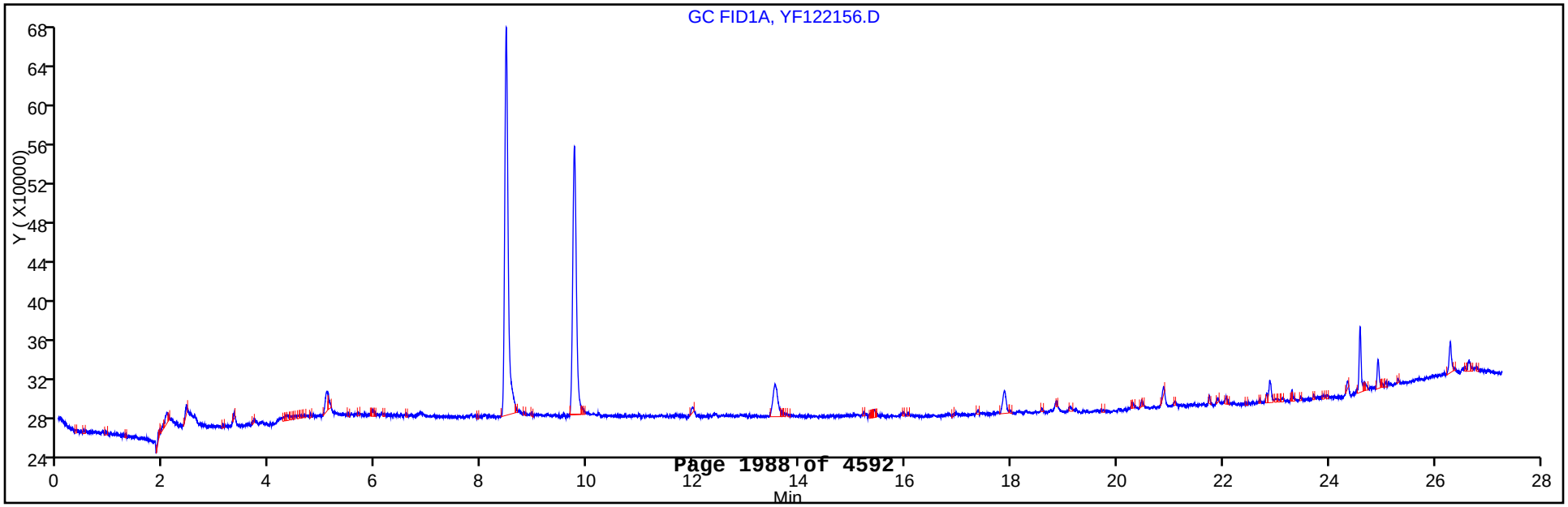
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Injection Date:	22-Dec-2012 21:27:47	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0084-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	56
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0085-0001-SO Lab Sample ID: 240-18703-11

Matrix: Solid Lab File ID: YF122157.D

Analysis Method: 8015B Date Collected: 12/10/2012 12:05

Sample wt/vol: 4.712(g) Date Analyzed: 12/22/2012 22:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.5 Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	63	U	130	63	58

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\20121221-16087.b\YF122157.D		
Lims ID:	240-18703-B-11-C	Client ID:	072SB-0085-0001-SO
Inject. Date:	22-Dec-2012 22:06:56	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-057		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	57
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:34	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:	XAWRK003		

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	9.752	9.756	-0.004	1223162	7.96	
A 1 C6-C12	2		5.001 - 21.920				

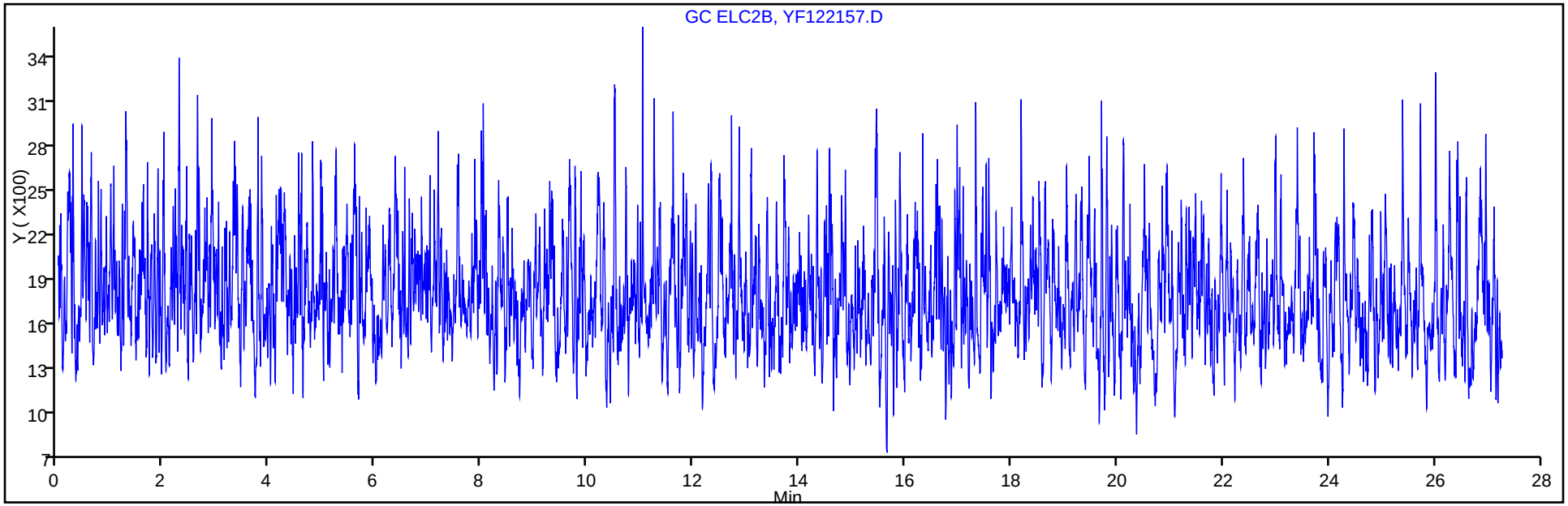
Report Date: 26-Dec-2012 15:23:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

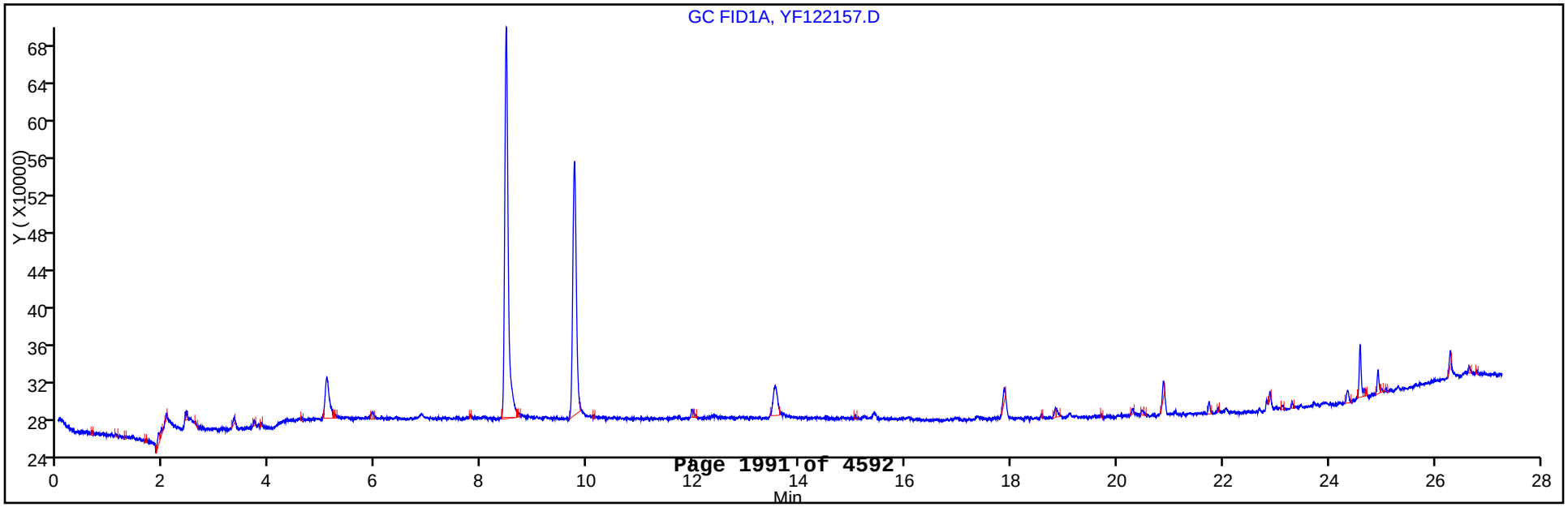
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122157.D

Injection Date:	22-Dec-2012 22:06:56	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0085-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	57
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0086-0001-SO | Lab Sample ID: 240-18703-12

Matrix: Solid | Lab File ID: YF122158.D

Analysis Method: 8015B | Date Collected: 12/10/2012 12:05

Sample wt/vol: 6.571(g) | Date Analyzed: 12/22/2012 22:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 12.5 | Level: (low/med) Low

Analysis Batch No.: 69738 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	43	U	87	43	40

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	60		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122158.D		
Lims ID:	240-18703-B-12-C	Client ID:	072SB-0086-0001-SO
Inject. Date:	22-Dec-2012 22:44:41	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-058		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	58
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:34	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:	XAWRK003		

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	9.752	9.756	-0.004	919263	5.98	
A 1 C6-C12	2		5.001 - 21.920				

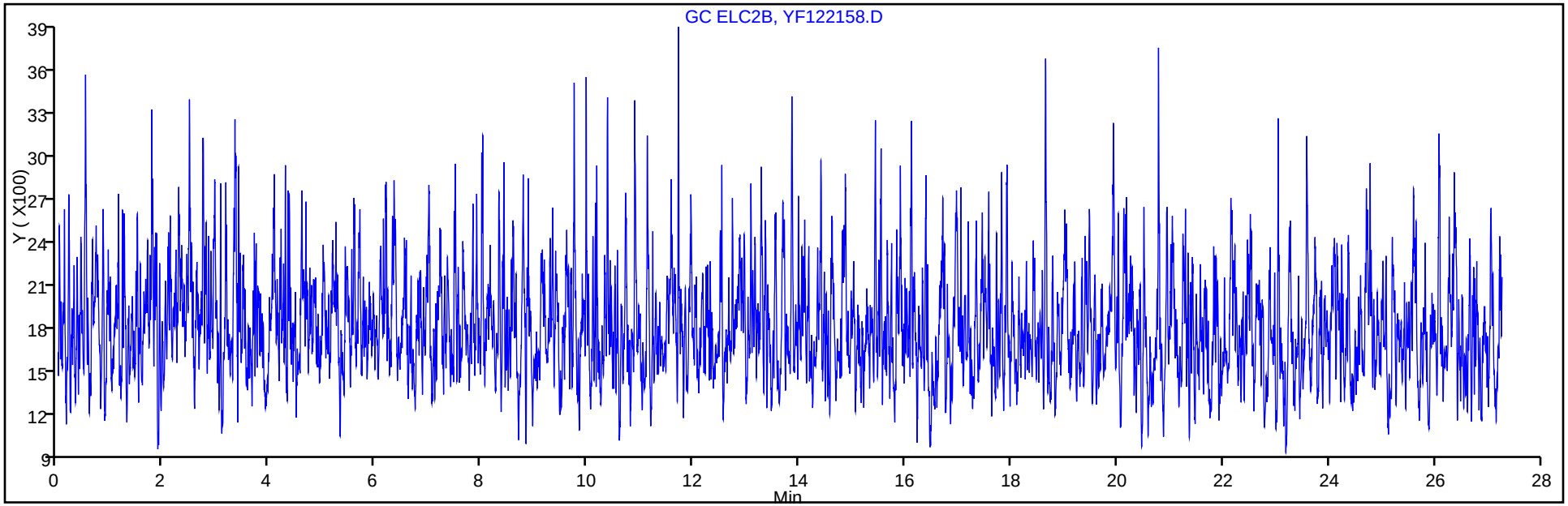
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TestAmerica Canton

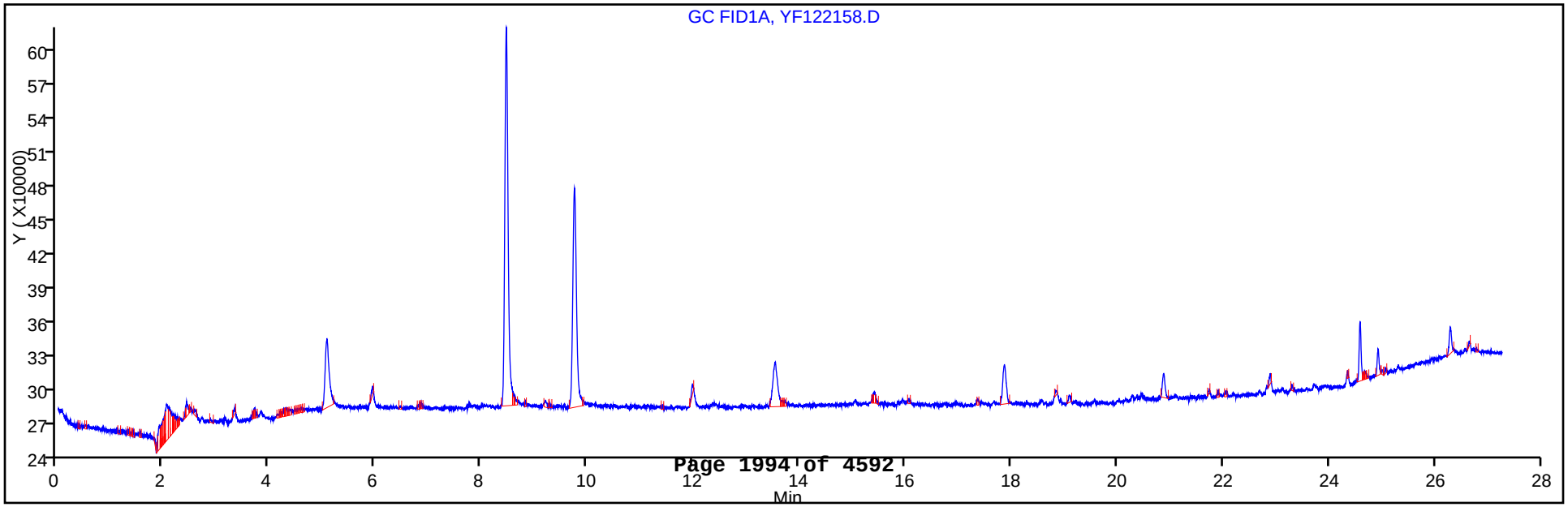
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Injection Date:	22-Dec-2012 22:44:41	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0086-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	58
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0087-0001-SO | Lab Sample ID: 240-18703-13

Matrix: Solid | Lab File ID: YF122159.D

Analysis Method: 8015B | Date Collected: 12/10/2012 09:10

Sample wt/vol: 3.653(g) | Date Analyzed: 12/22/2012 23:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 5.8 | Level: (low/med) Low

Analysis Batch No.: 69738 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	73	U	150	73	67

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\20121221-16087.b\YF122159.D		
Lims ID:	240-18703-B-13-C	Client ID:	072SB-0087-0001-SO
Inject. Date:	22-Dec-2012 23:22:07	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-059		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	59
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:34	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:	XAWRK003		

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	1207760	7.86	
A 1 C6-C12	2		5.001 -	21.920			

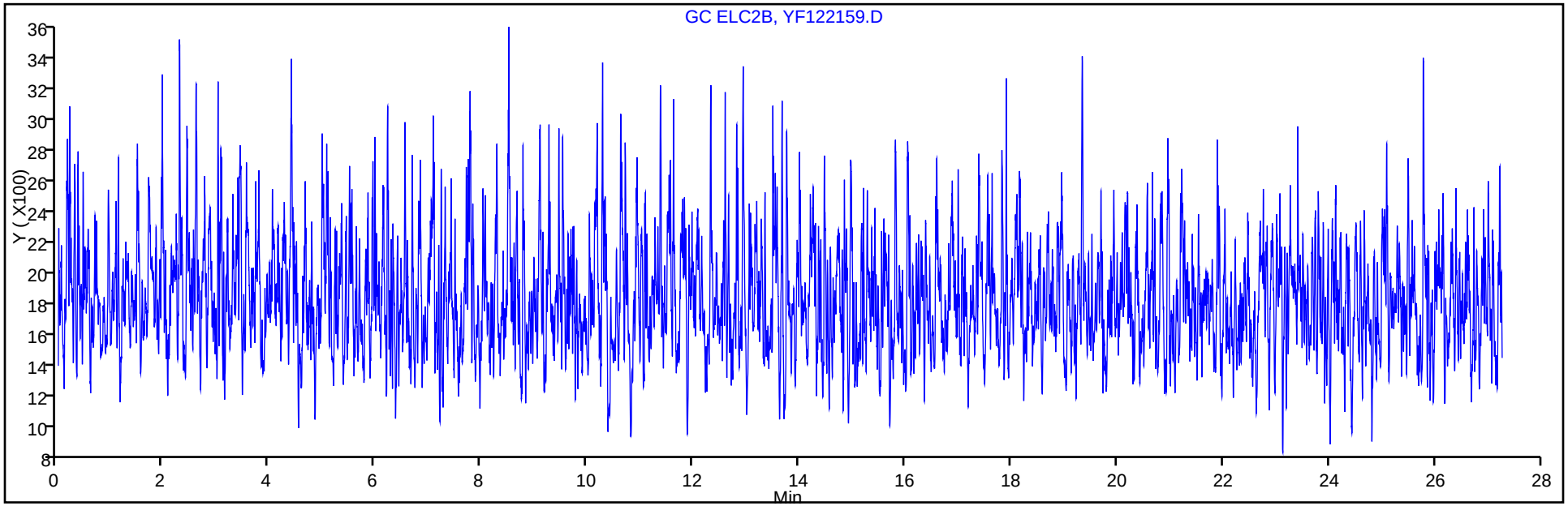
Report Date: 26-Dec-2012 15:23:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

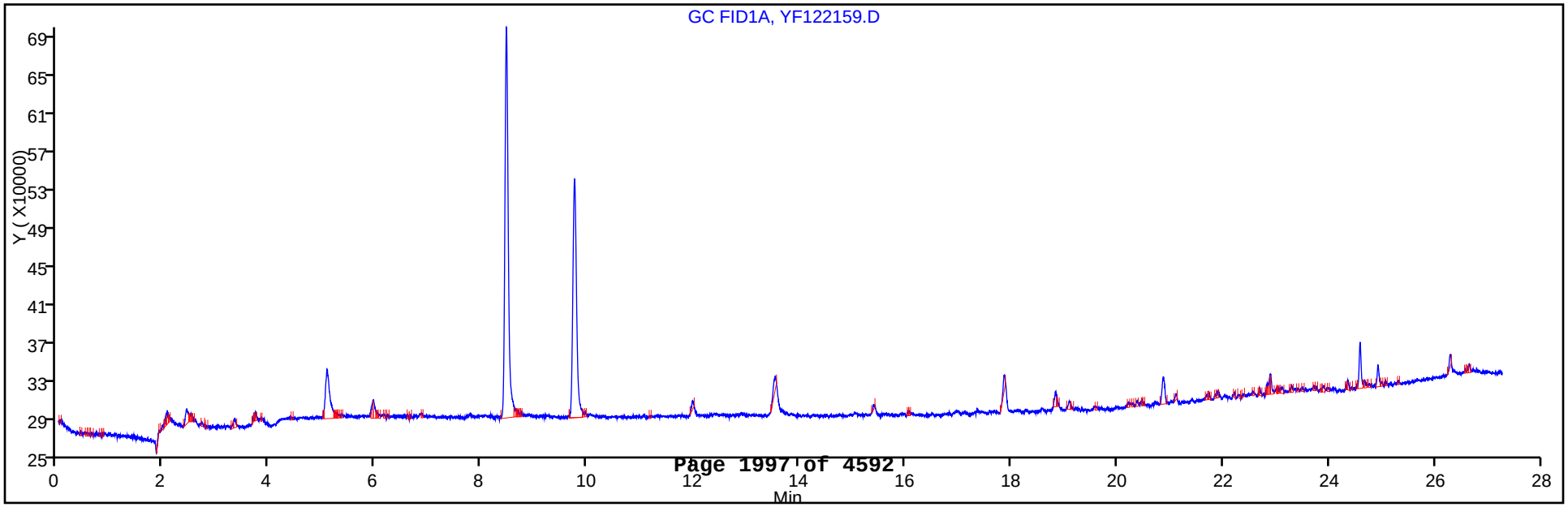
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Injection Date:	22-Dec-2012 23:22:07	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0087-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	59
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0088-0001-SO | Lab Sample ID: 240-18703-14

Matrix: Solid | Lab File ID: YF122160.D

Analysis Method: 8015B | Date Collected: 12/10/2012 09:30

Sample wt/vol: 5.453(g) | Date Analyzed: 12/23/2012 00:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 9.0 | Level: (low/med) Low

Analysis Batch No.: 69738 | 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)	82		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122160.D		
Lims ID:	240-18703-B-14-C	Client ID:	072SB-0088-0001-SO
Inject. Date:	23-Dec-2012 00:00:40	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-060		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	60
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:34	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:	XAWRK003		

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	1257300	8.18	
A 1 C6-C12	2		5.001 -	21.920			

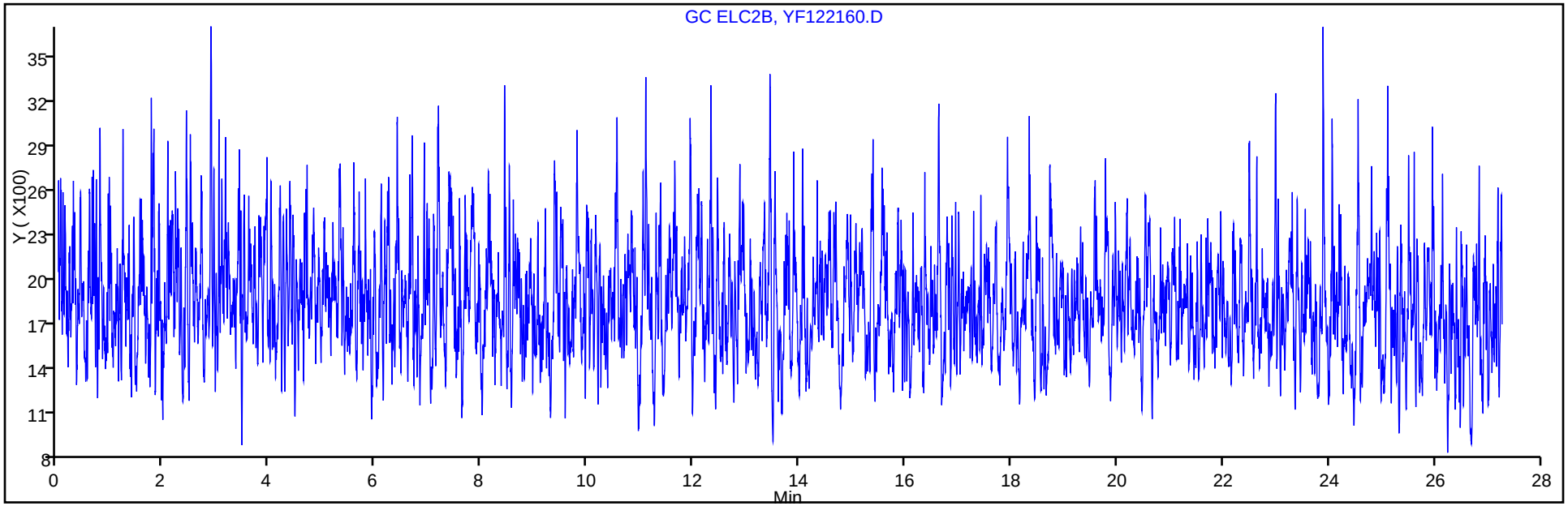
Report Date: 26-Dec-2012 15:23:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

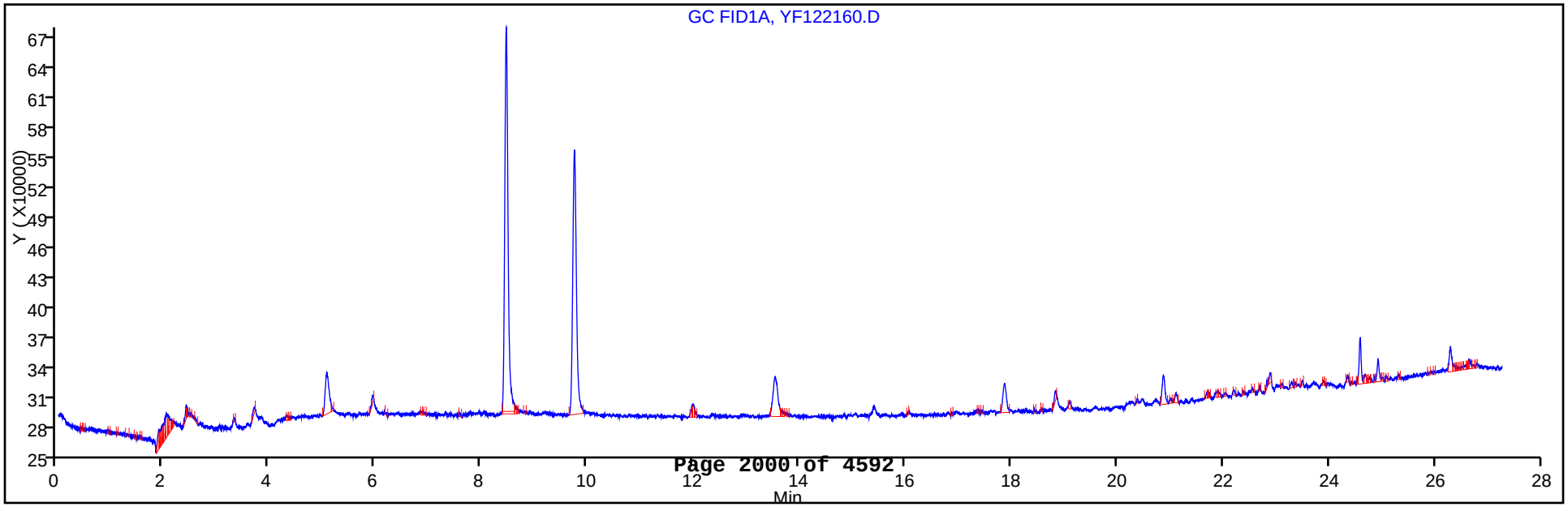
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122160.D

Injection Date:	23-Dec-2012 00:00:40	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0088-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	60
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0089-0001-SO Lab Sample ID: 240-18703-15

Matrix: Solid Lab File ID: YF122162.D

Analysis Method: 8015B Date Collected: 12/10/2012 09:40

Sample wt/vol: 5.63(g) Date Analyzed: 12/23/2012 01:16

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 10.0 Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	54	J	99	49	45

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	72		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122162.D		
Lims ID:	240-18703-B-15-C	Client ID:	072SB-0089-0001-SO
Inject. Date:	23-Dec-2012 01:16:19	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-062		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	62
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:46	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:	XAWRK003		

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	9.757	-0.002	1105888	7.19	
A 1 C6-C12	2	13.461	5.001 -	21.920	14218643	55.1	

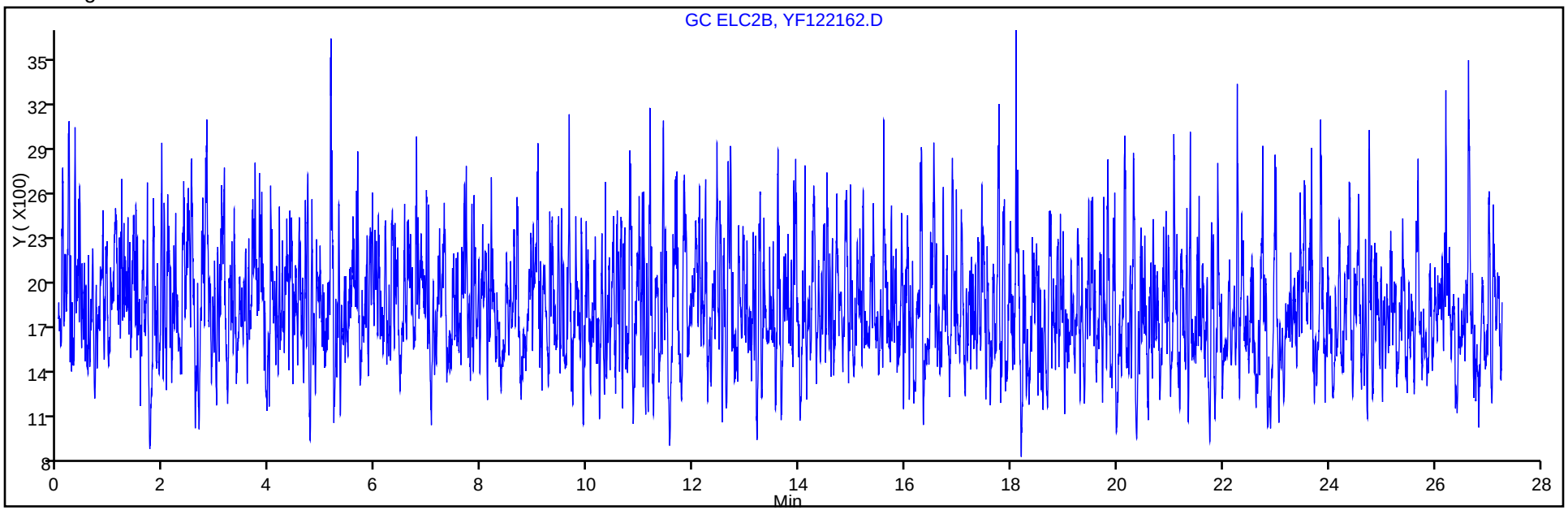
Report Date: 26-Dec-2012 15:23:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

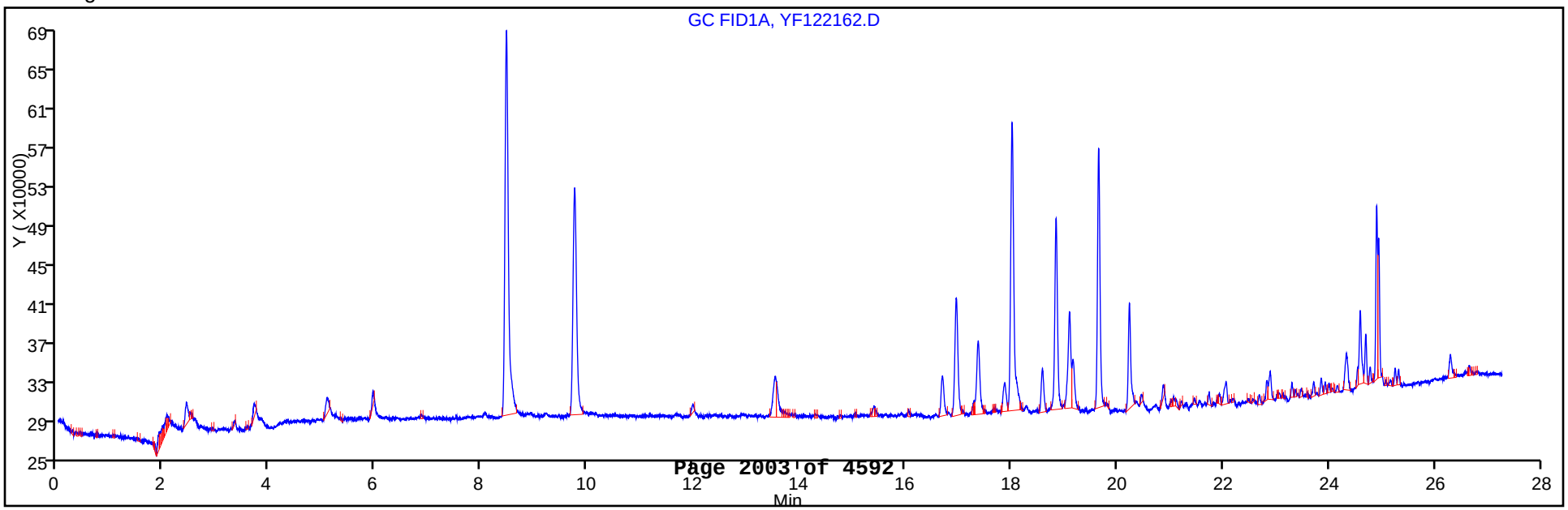
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122162.D

Injection Date:	23-Dec-2012 01:16:19	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0089-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	62
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

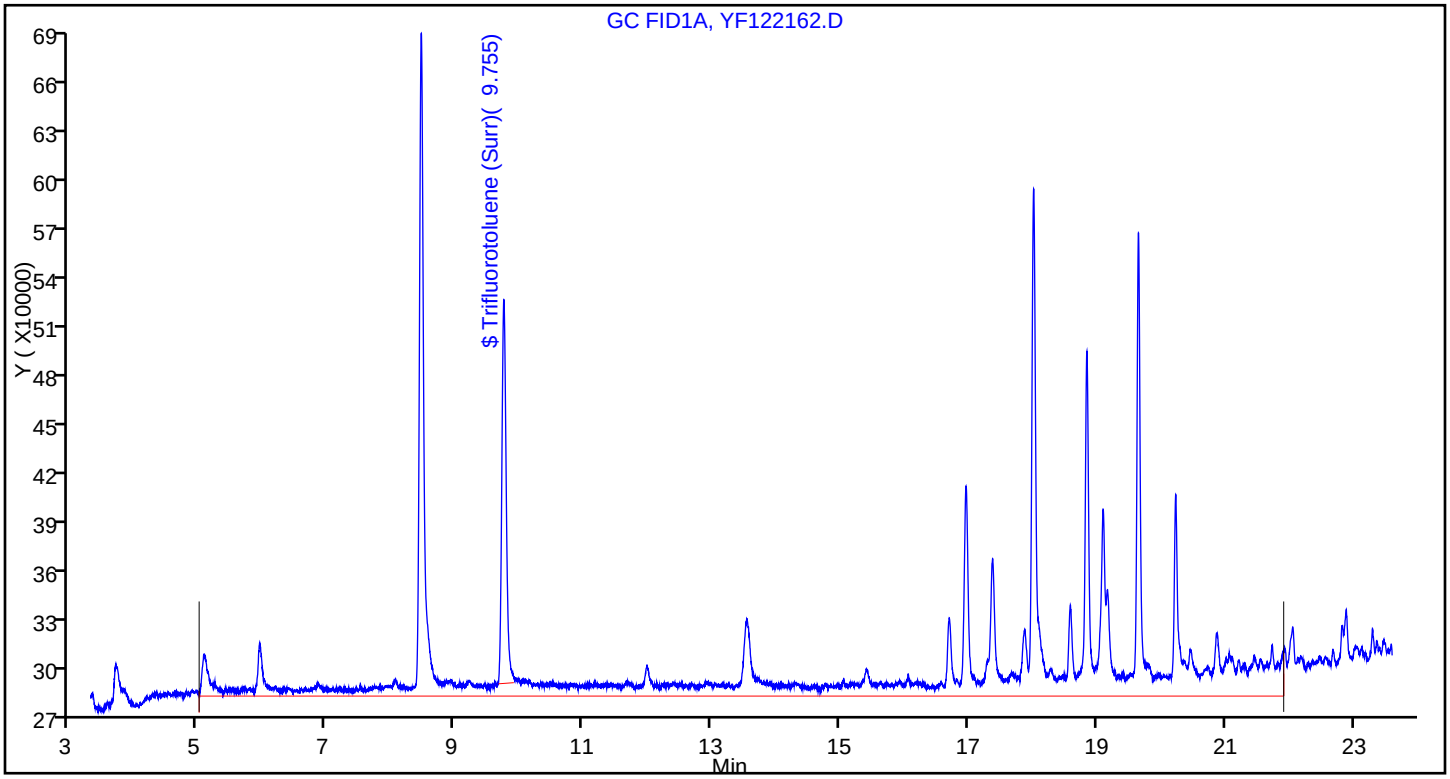


Report Date: 26-Dec-2012 15:23:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122162.D		
Injection Date:	23-Dec-2012 01:16:19	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0089-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	62
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0090-0001-SO | Lab Sample ID: 240-18703-16

Matrix: Solid | Lab File ID: YF122163.D

Analysis Method: 8015B | Date Collected: 12/10/2012 09:55

Sample wt/vol: 5.833(g) | Date Analyzed: 12/23/2012 01:54

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 9.9 | Level: (low/med) Low

Analysis Batch No.: 69738 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	48	U	95	48	44

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\20121221-16087.b\YF122163.D		
Lims ID:	240-18703-B-16-C	Client ID:	072SB-0090-0001-SO
Inject. Date:	23-Dec-2012 01:54:14	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-063		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	63
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:46	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:	XAWRK003		

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	9.754	9.757	-0.003	1280302	8.33	
A 1 C6-C12	2		5.001 -	21.920			

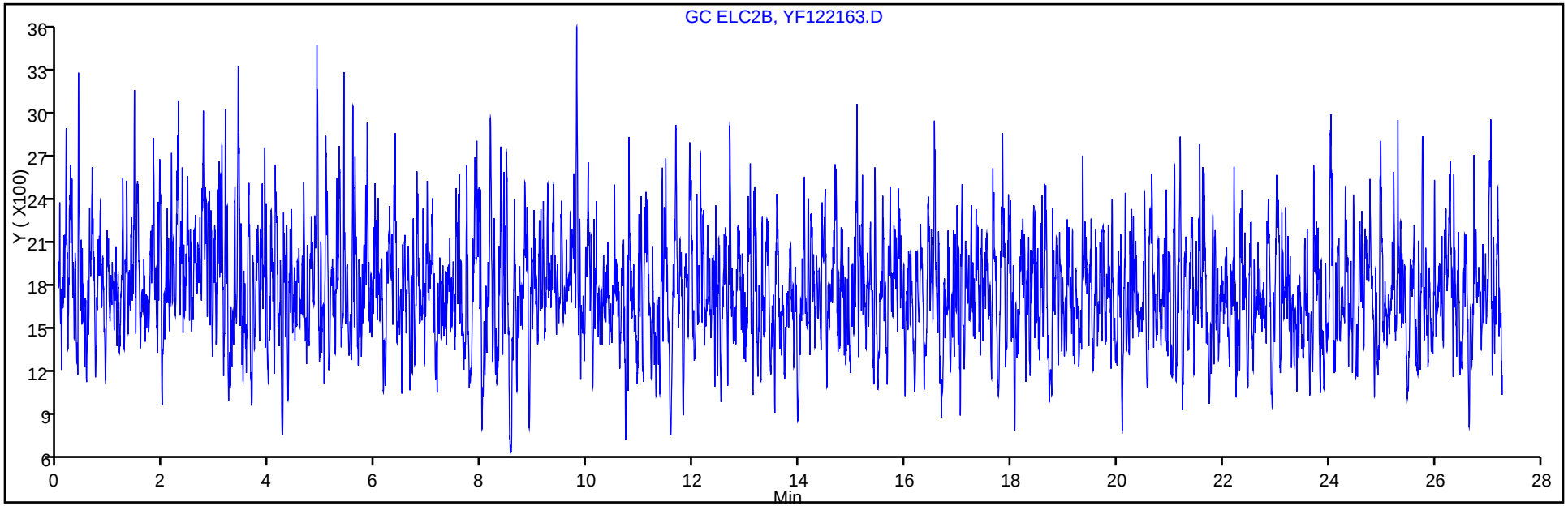
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TestAmerica Canton

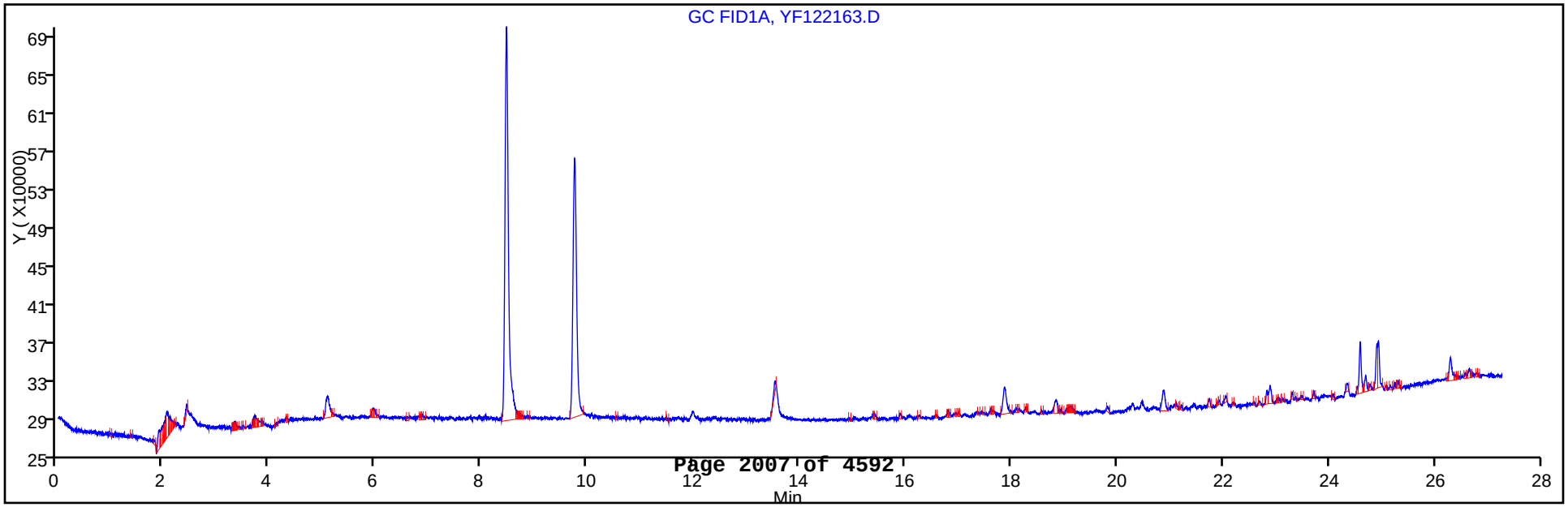
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Injection Date:	23-Dec-2012 01:54:14	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0090-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	63
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0091-0001-SO | Lab Sample ID: 240-18703-17

Matrix: Solid | Lab File ID: YF122164.D

Analysis Method: 8015B | Date Collected: 12/10/2012 12:25

Sample wt/vol: 6.008(g) | Date Analyzed: 12/23/2012 02:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 12.4 | Level: (low/med) Low

Analysis Batch No.: 69738 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	47	U	95	47	44

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\20121221-16087.b\YF122164.D		
Lims ID:	240-18703-B-17-C	Client ID:	072SB-0091-0001-SO
Inject. Date:	23-Dec-2012 02:31:49	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-064		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	64
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:46	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:	XAWRK003		

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	9.757	-0.002	1196344	7.78	
A 1 C6-C12	2		5.001 - 21.920				

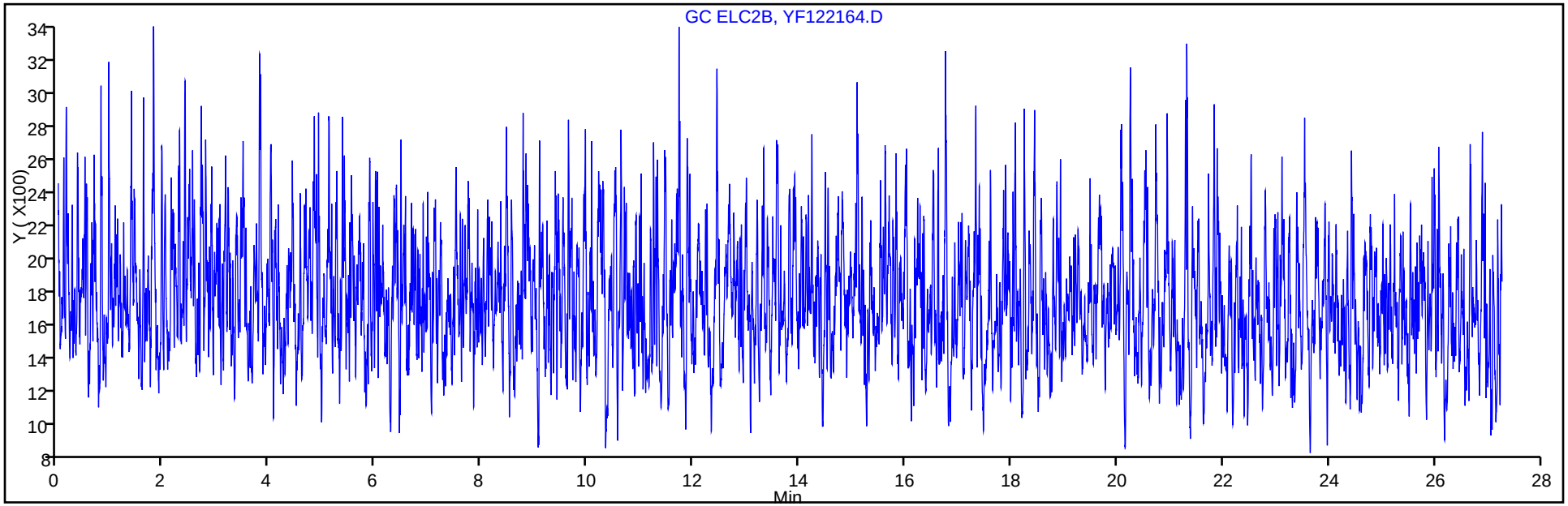
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TestAmerica Canton

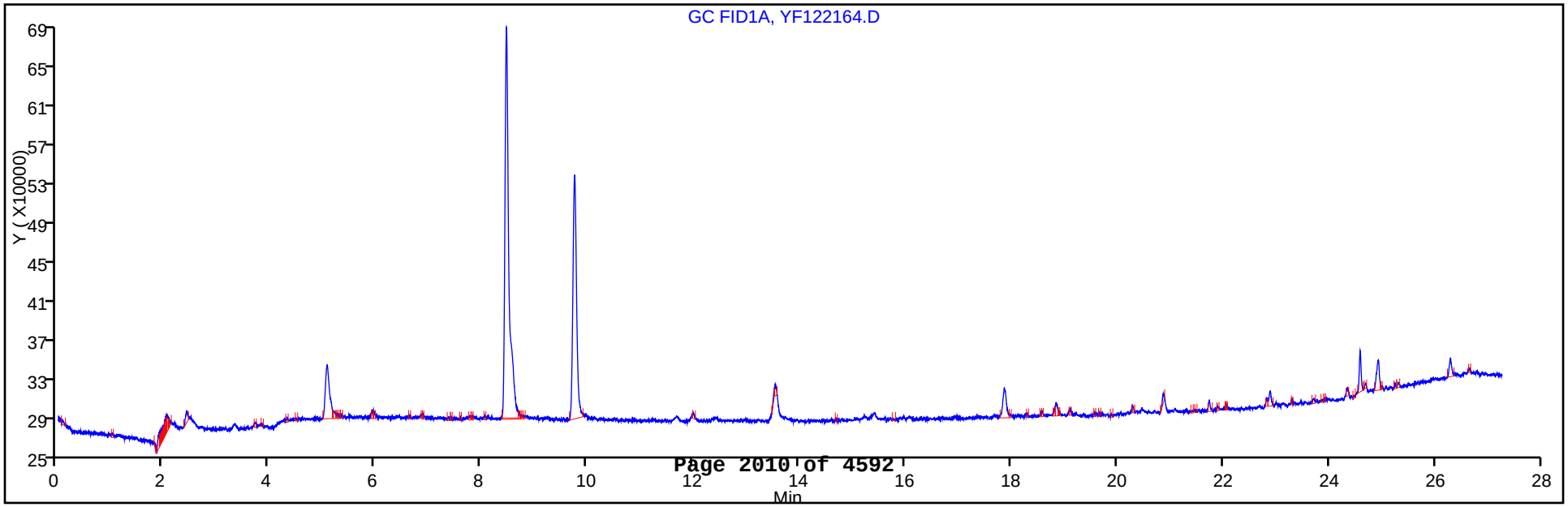
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Injection Date:	23-Dec-2012 02:31:49	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0091-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	64
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0075-0001-SO | Lab Sample ID: 240-18703-18

Matrix: Solid | Lab File ID: YF122165.D

Analysis Method: 8015B | Date Collected: 12/10/2012 13:45

Sample wt/vol: 5.705(g) | Date Analyzed: 12/23/2012 03:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 12.8 | Level: (low/med) Low

Analysis Batch No.: 69738 | 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

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122165.D		
Lims ID:	240-18703-B-18-C	Client ID:	072SB-0075-0001-SO
Inject. Date:	23-Dec-2012 03:09:01	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-065		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	65
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:46	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:	XAWRK003		

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	9.752	9.757	-0.005	1178081	7.66	
A 1 C6-C12	2		5.001 - 21.920				

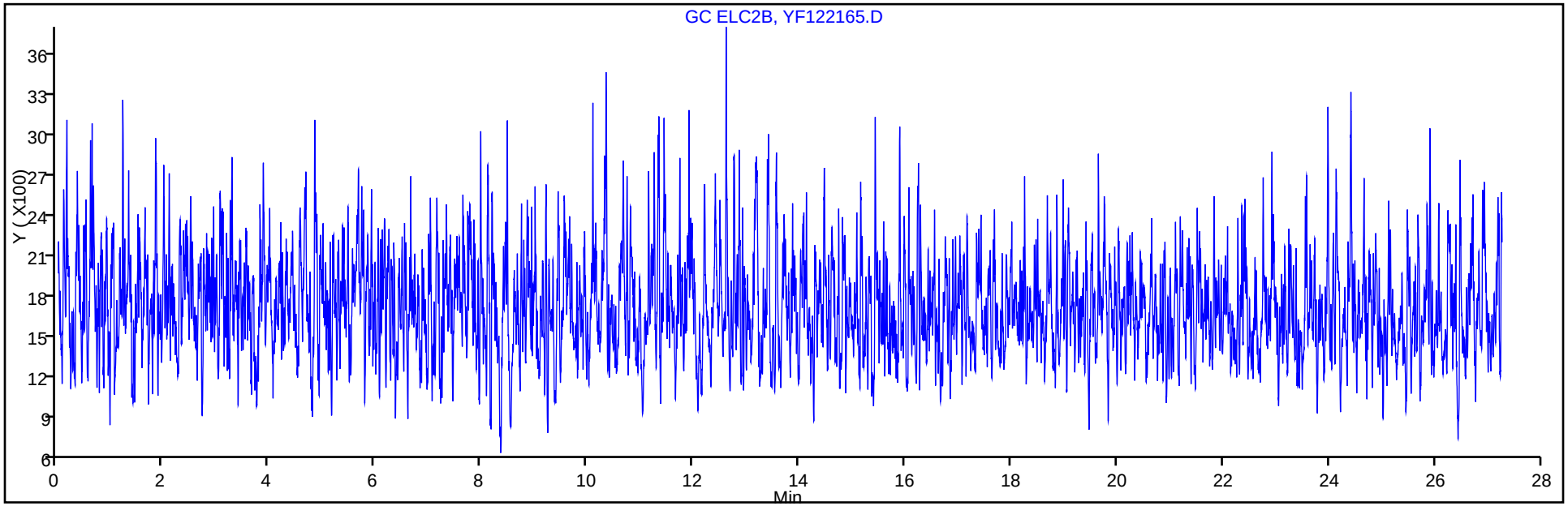
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TestAmerica Canton

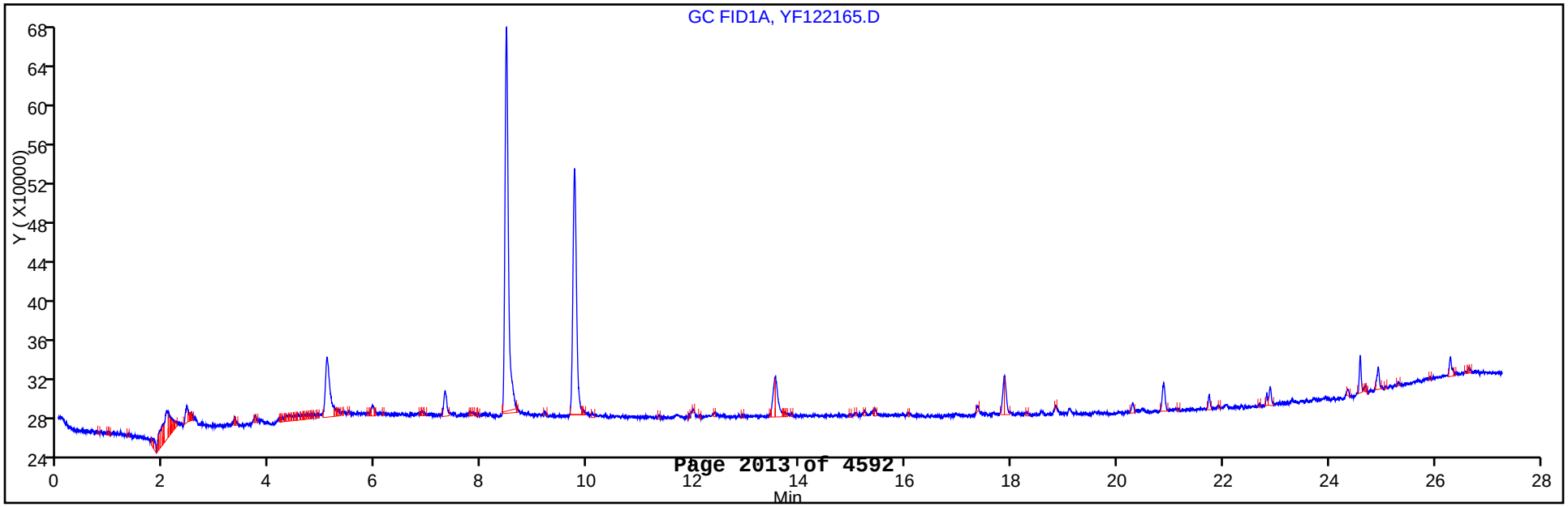
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Injection Date:	23-Dec-2012 03:09:01	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0075-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	65
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0076-0001-SO | Lab Sample ID: 240-18703-19

Matrix: Solid | Lab File ID: YF122166.D

Analysis Method: 8015B | Date Collected: 12/10/2012 14:00

Sample wt/vol: 6.338(g) | Date Analyzed: 12/23/2012 03:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.8 | Level: (low/med) Low

Analysis Batch No.: 69738 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	70	J	94	47	43

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	75		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122166.D		
Lims ID:	240-18703-B-19-C	Client ID:	072SB-0076-0001-SO
Inject. Date:	23-Dec-2012 03:47:14	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-066		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	66
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:46	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:	XAWRK003		

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	1146876	7.46	
A 1 C6-C12	2	13.461	5.001 -	21.920	16950219	75.2	

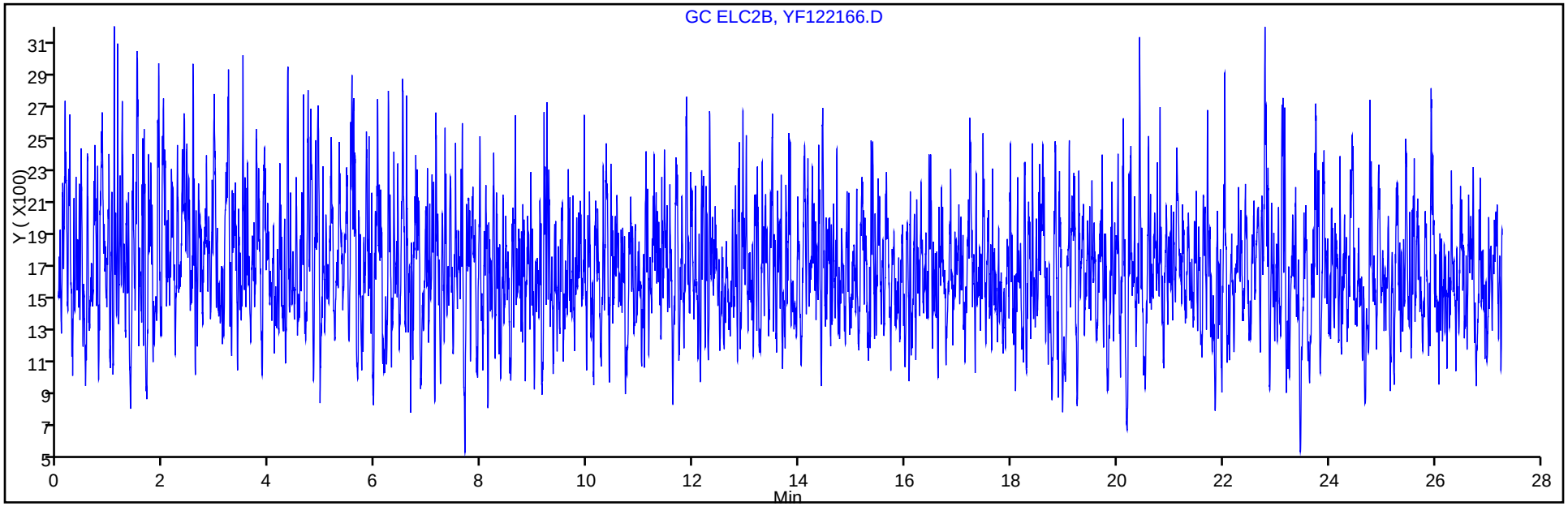
Report Date: 26-Dec-2012 15:23:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

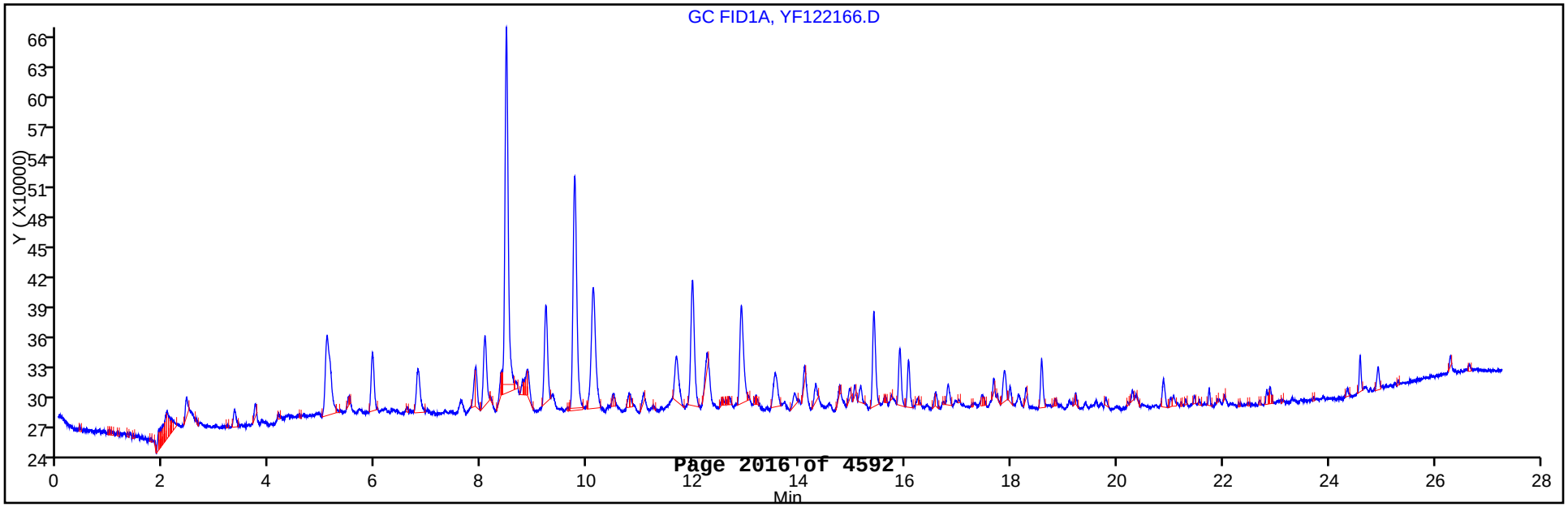
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Injection Date:	23-Dec-2012 03:47:14	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	66
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

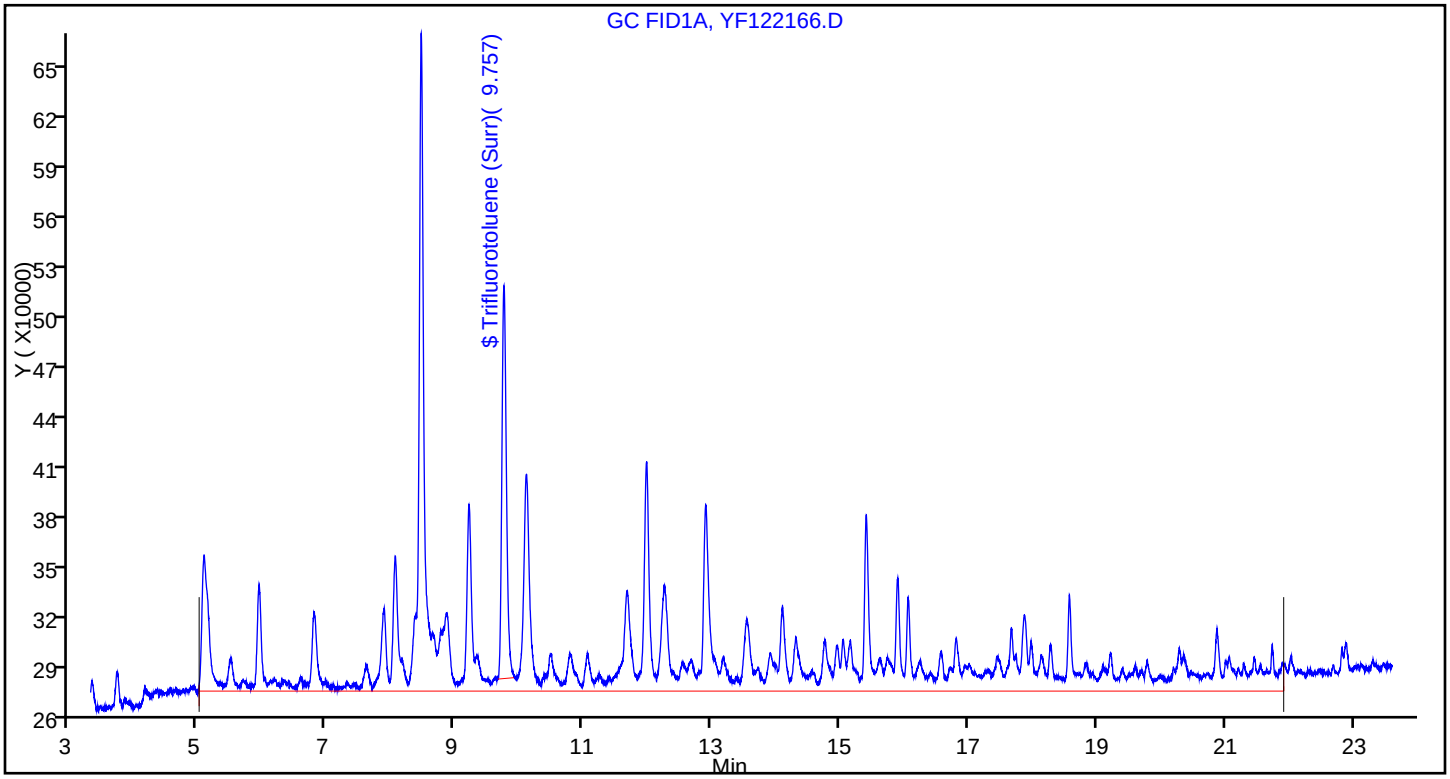


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TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122166.D		
Injection Date:	23-Dec-2012 03:47:14	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0076-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	66
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0077-0001-SO Lab Sample ID: 240-18703-20

Matrix: Solid Lab File ID: YF122167.D

Analysis Method: 8015B Date Collected: 12/10/2012 14:00

Sample wt/vol: 6.215(g) Date Analyzed: 12/23/2012 04:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 17.3 Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	2200	J	97	49	45

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	333	Q	10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122167.D		
Lims ID:	240-18703-B-20-C	Client ID:	072SB-0077-0001-SO
Inject. Date:	23-Dec-2012 04:24:39	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-067		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	67
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:46	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:	XAWRK003		

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	9.780	9.757	0.023	5126388	33.3	
A 1 C6-C12	2	13.461	5.001 - 21.920		314592931	2257.8	E

QC Flag Legend

Processing Flags
E - Exceeded Maximum Amount

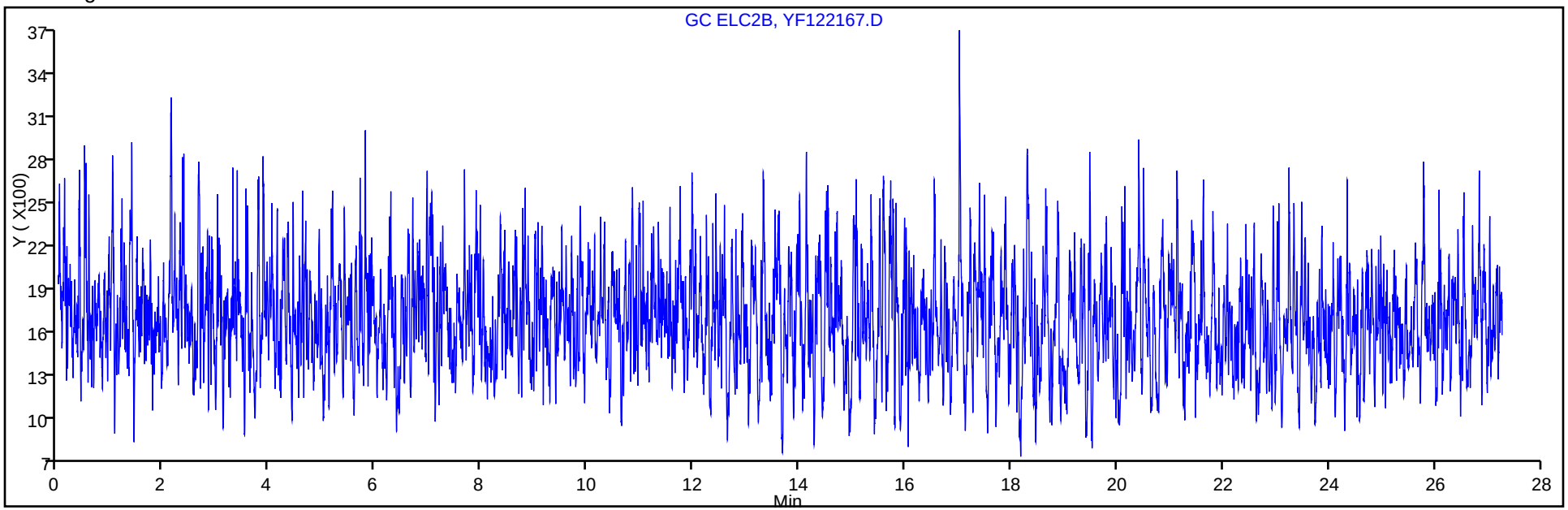
Report Date: 26-Dec-2012 15:23:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

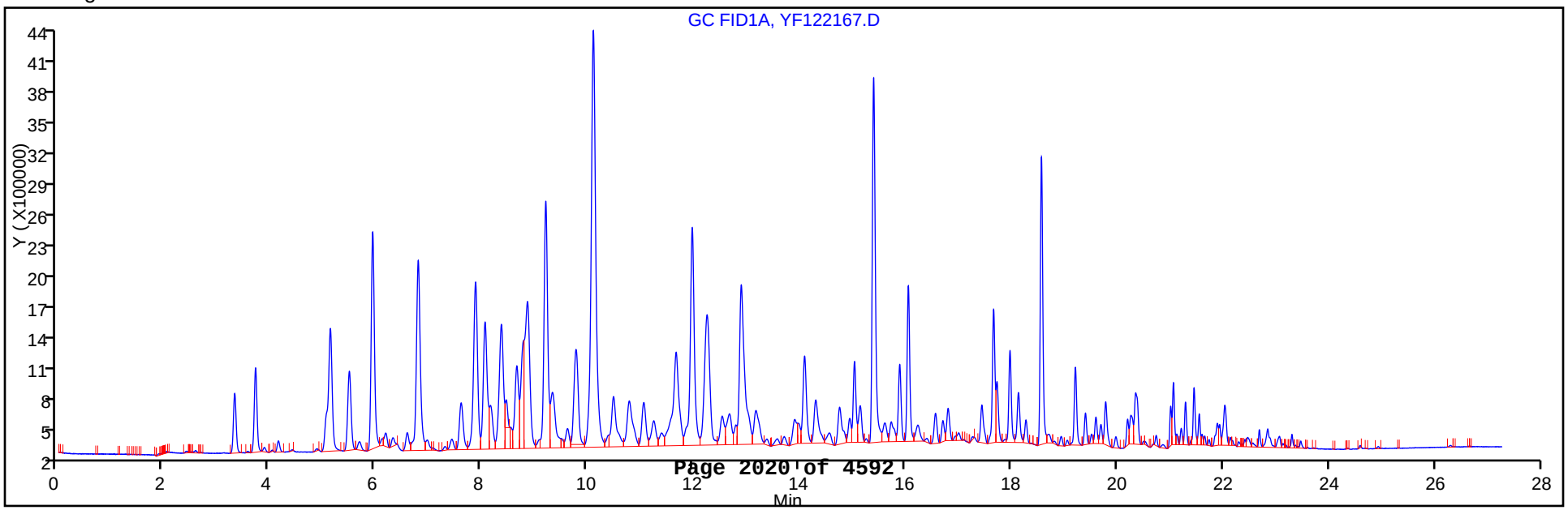
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122167.D

Injection Date:	23-Dec-2012 04:24:39	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	67
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

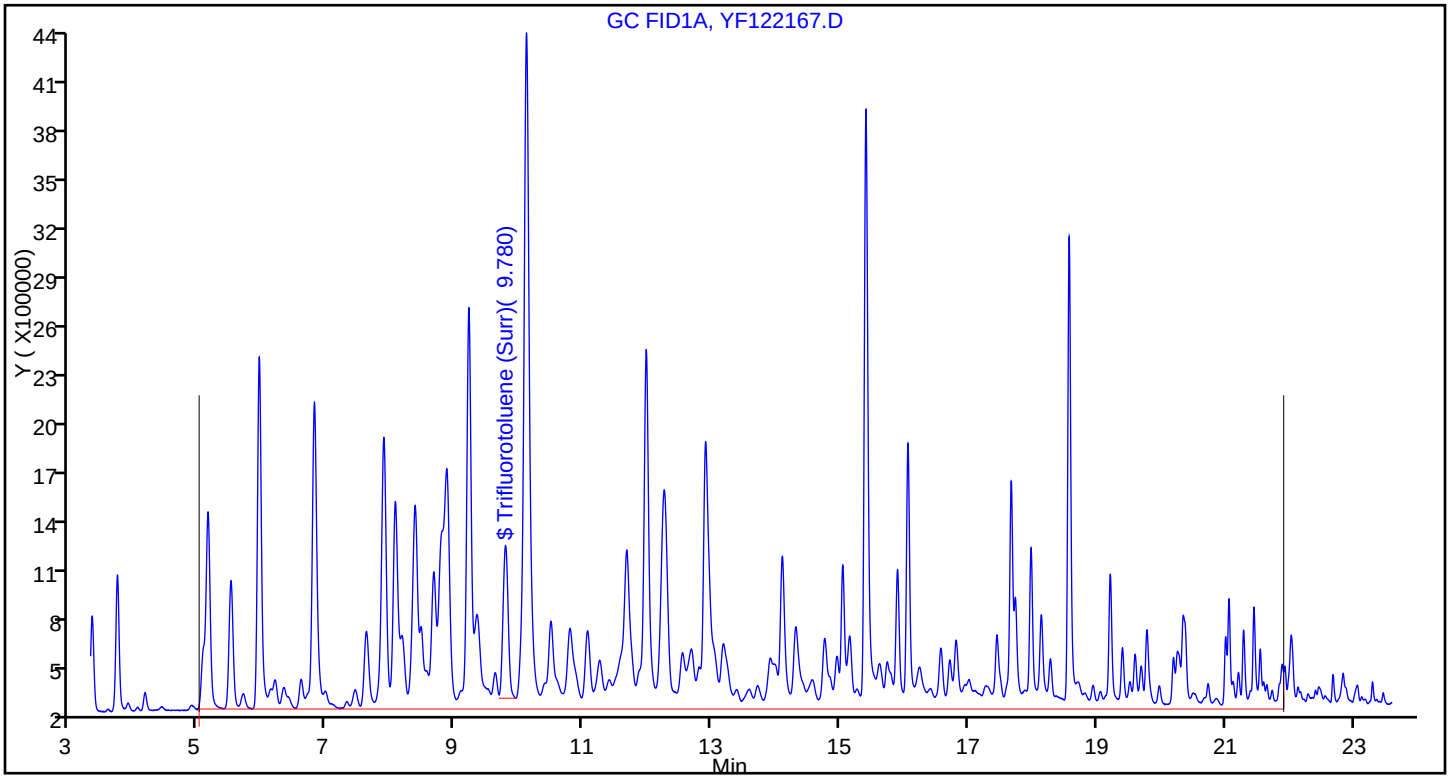


Report Date: 26-Dec-2012 15:23:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122167.D		
Injection Date:	23-Dec-2012 04:24:39	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	67
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0077-0001-SO Lab Sample ID: 240-18703-20

Matrix: Solid Lab File ID: YF122410.D

Analysis Method: 8015B Date Collected: 12/10/2012 14:00

Sample wt/vol: 6.022(g) Date Analyzed: 12/24/2012 13:36

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 17.3 Level: (low/med) Medium

Analysis Batch No.: 69965 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	2900	J	5000	2500	1700

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	73		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121224-16140.b\YF122410.D		
Lims ID:	240-18703-B-20-B	Client ID:	072SB-0077-0001-SO
Inject. Date:	24-Dec-2012 13:36:25	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016140-010		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69965	Lims Sample ID:	10
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121224-16140.b\Y80158021.m		
Last Update:	28-Dec-2012 12:21:30	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:	XAWRK035		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	2	9.755	9.757	-0.002	1127117	7.33	
A 1 C6-C12	2	13.487	4.978 - 21.997		14577973	57.8	

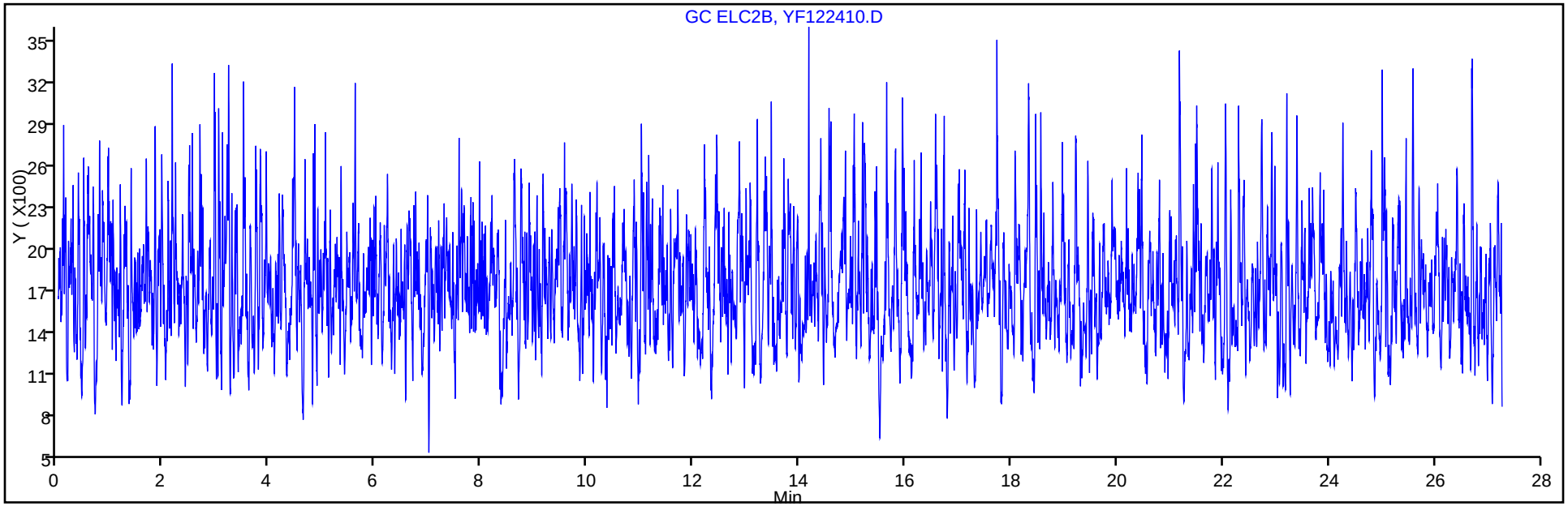
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TestAmerica Canton

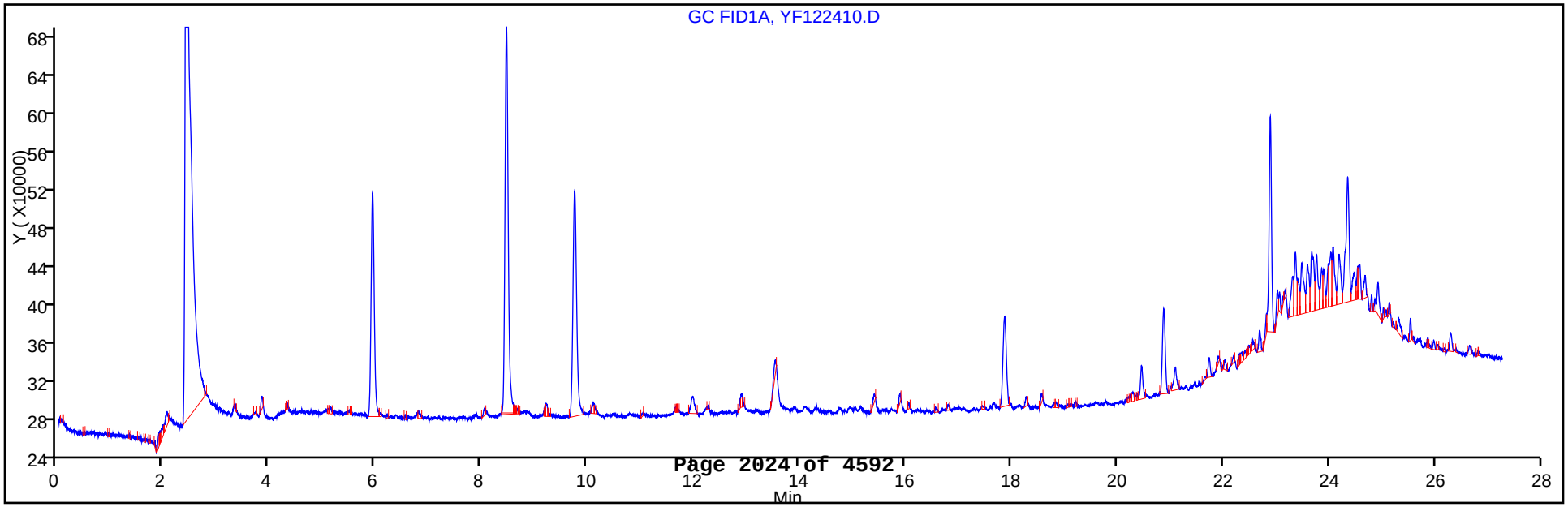
Data File: \\Ncchrom\ChromData\YPID\20121224-16140.b\YF122410.D

Injection Date:	24-Dec-2012 13:36:25	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69965	Lims Sample ID:	10
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

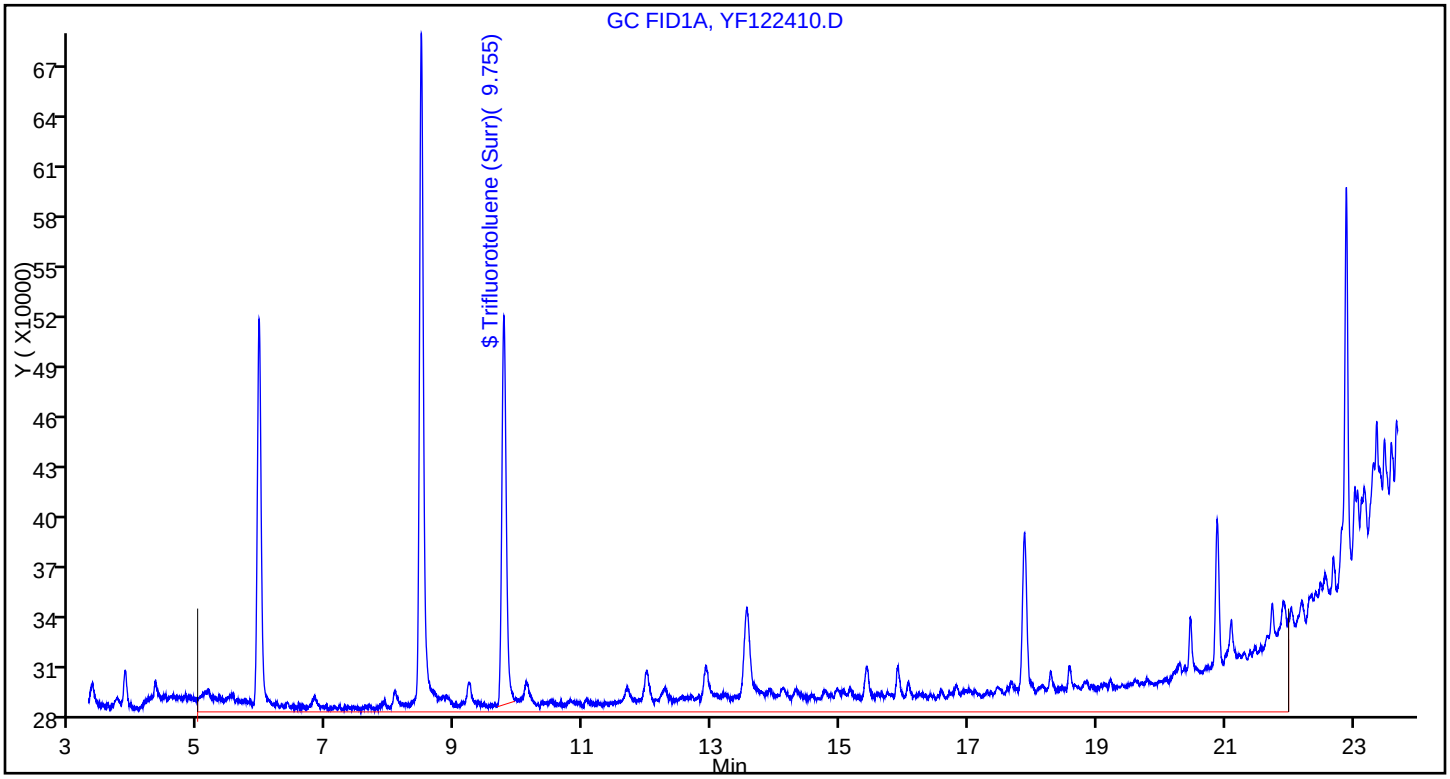


Report Date: 28-Dec-2012 12:21:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121224-16140.b\YF122410.D		
Injection Date:	24-Dec-2012 13:36:25	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0077-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69965	Lims Sample ID:	10
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0079-0001-SO | Lab Sample ID: 240-18703-21

Matrix: Solid | Lab File ID: YF122168.D

Analysis Method: 8015B | Date Collected: 12/10/2012 14:20

Sample wt/vol: 5.998(g) | Date Analyzed: 12/23/2012 05:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 23.3 | Level: (low/med) Low

Analysis Batch No.: 69738 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	860		110	54	50

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	97	M	10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122168.D		
Lims ID:	240-18703-B-21-C	Client ID:	072SB-0079-0001-SO
Inject. Date:	23-Dec-2012 05:02:31	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-068		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	68
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:46	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:	XAWRK003		

First Level Reviewer: bosworthh Date: 24-Dec-2012 06:50:44

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	9.757	0.003	1489075	9.69	M
A 1 C6-C12	2	13.461	5.001 -	21.920	114628133	791.5	

QC Flag Legend

Review Flags
M - Manually Integrated

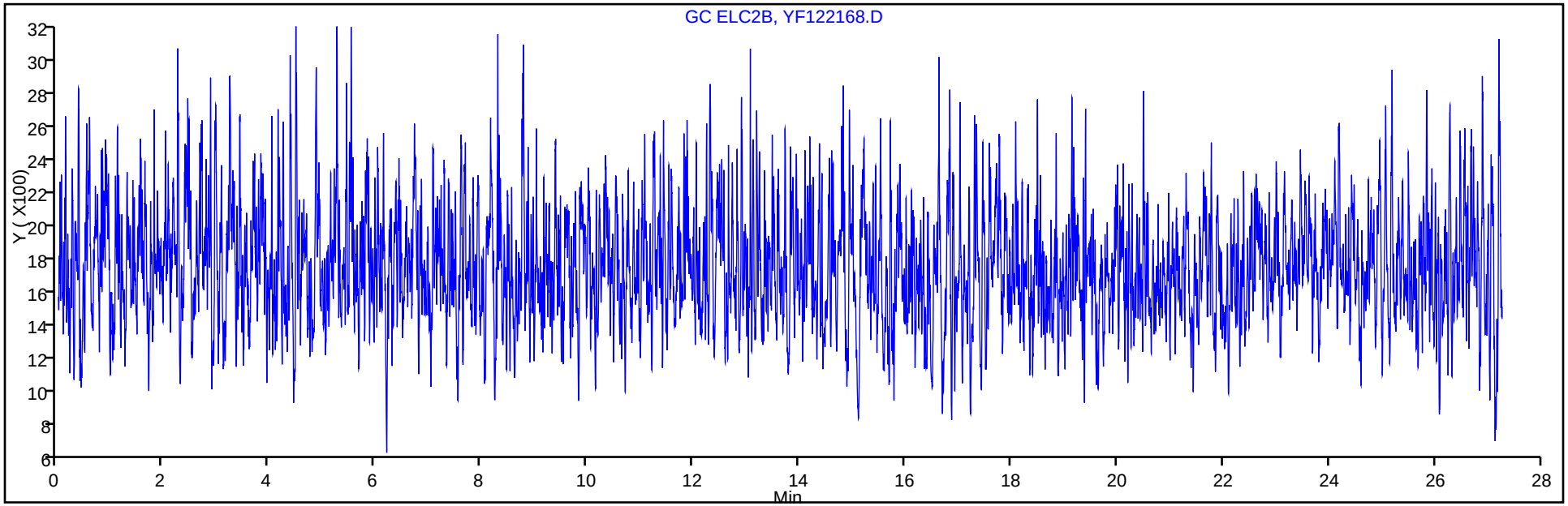
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TestAmerica Canton

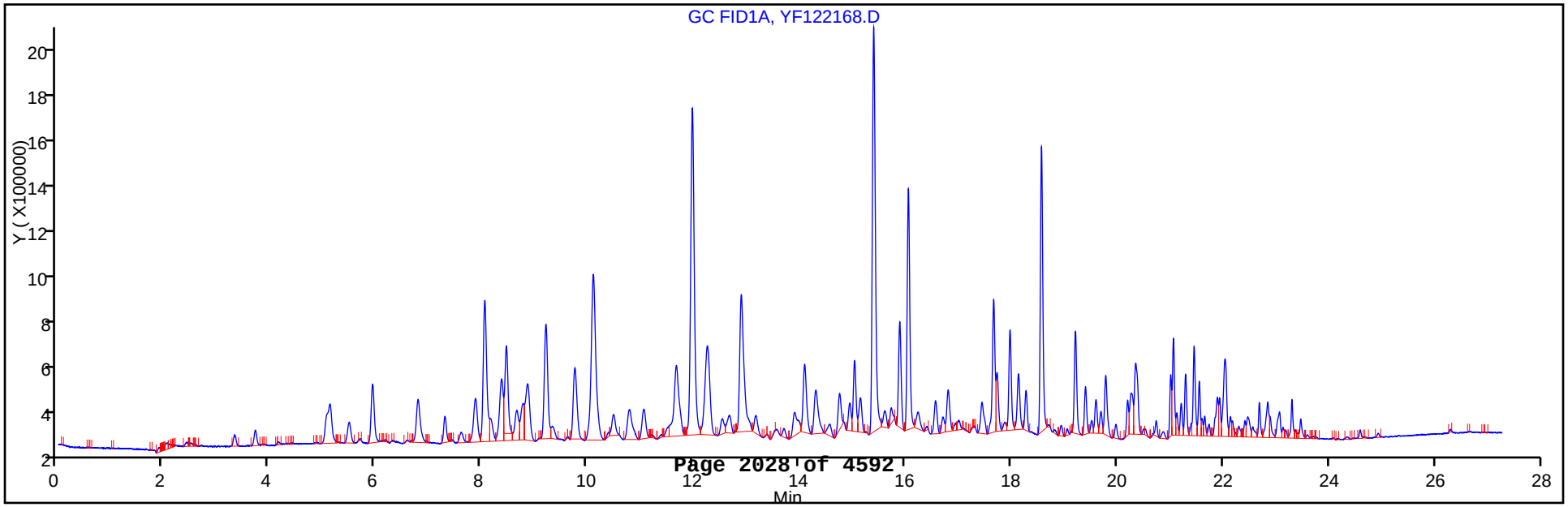
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Injection Date:	23-Dec-2012 05:02:31	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	68
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

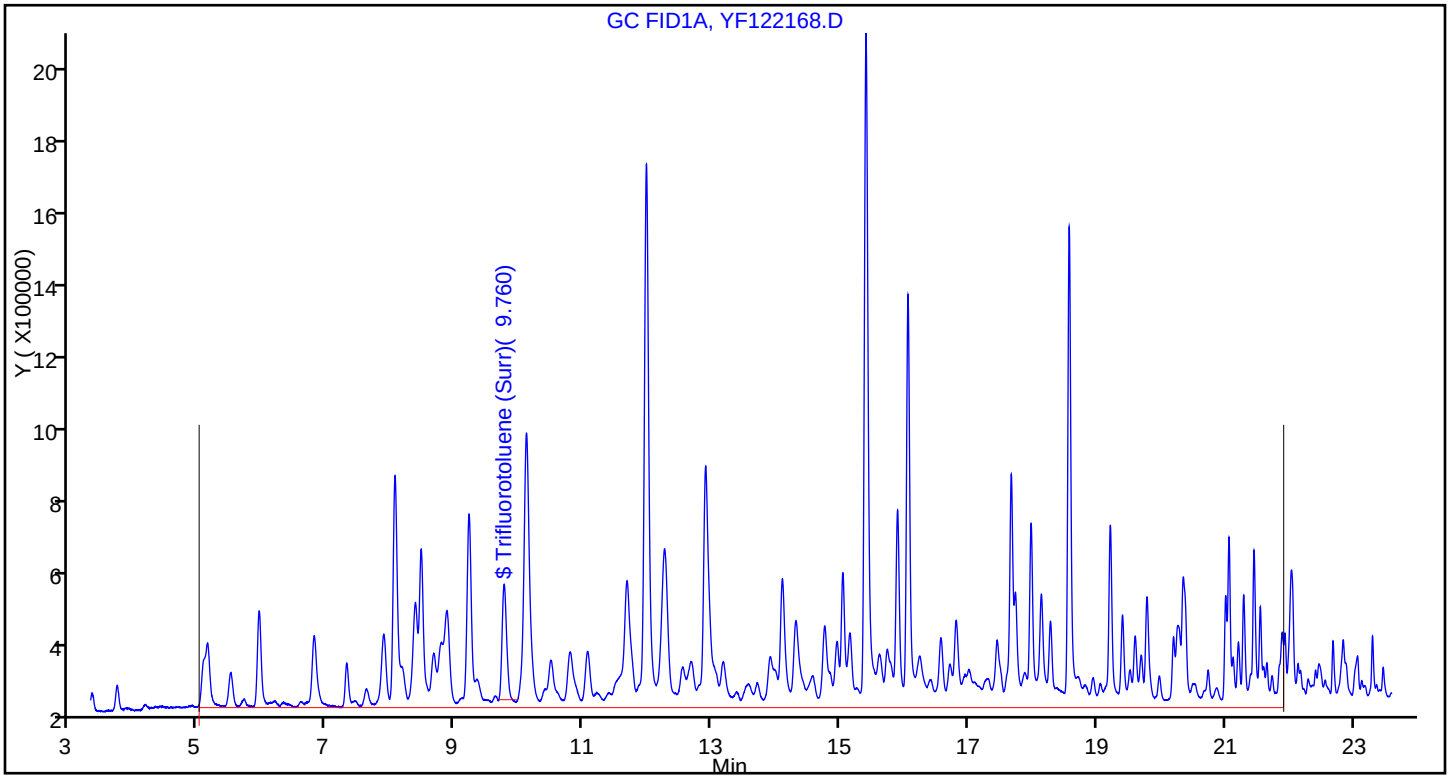


Report Date: 26-Dec-2012 15:23:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122168.D		
Injection Date:	23-Dec-2012 05:02:31	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	68
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

A 1 C6-C12, Detector: 2, GC FID1A



Manual Integration/User Assign Peak Report

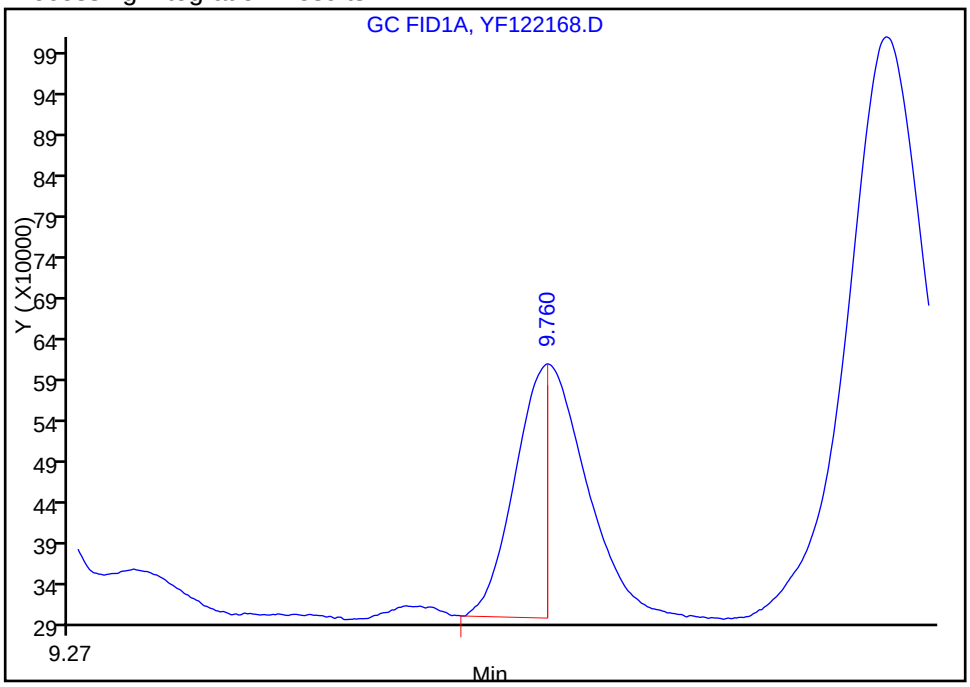
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122168.D		
Injection Date:	23-Dec-2012 05:02:31	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0079-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	68
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

$ 16 Trifluorotoluene (Surr), Signal: 1, Type: quant, RT: 9.76, Det: GC FID1A

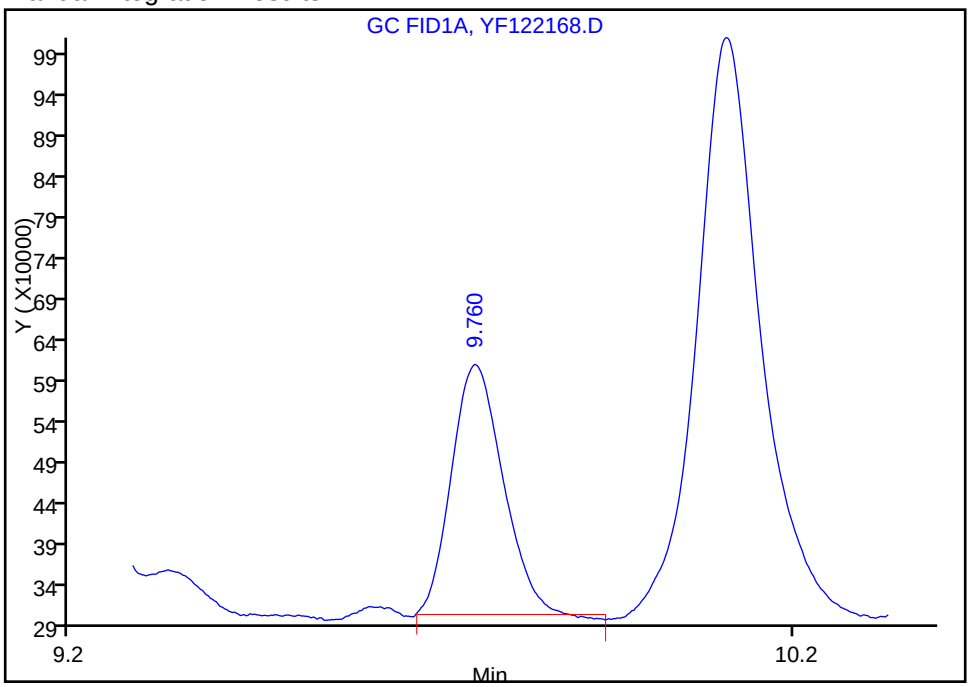
Processing Integration Results

RT: 9.76
Response: 694678
Amount: 4.519238



Manual Integration Results

RT: 9.76
Response: 1489075
Amount: 9.687200



Reviewer: bosworthh, 24-Dec-2012 06:50:44
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0080-0001-SO Lab Sample ID: 240-18703-22

Matrix: Solid Lab File ID: YF122169.D

Analysis Method: 8015B Date Collected: 12/10/2012 15:16

Sample wt/vol: 7.538(g) Date Analyzed: 12/23/2012 05:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.0 Level: (low/med) Low

Analysis Batch No.: 69738 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	3200	J	78	39	36

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	232	Q	10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122169.D		
Lims ID:	240-18703-B-22-C	Client ID:	072SB-0080-0001-SO
Inject. Date:	23-Dec-2012 05:39:53	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-069		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	69
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:46	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:	XAWRK003		

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	9.785	9.757	0.028	3569754	23.2	
A 1 C6-C12	2	13.461	5.001 -	21.920	562600093	4076.5	E

QC Flag Legend

Processing Flags
E - Exceeded Maximum Amount

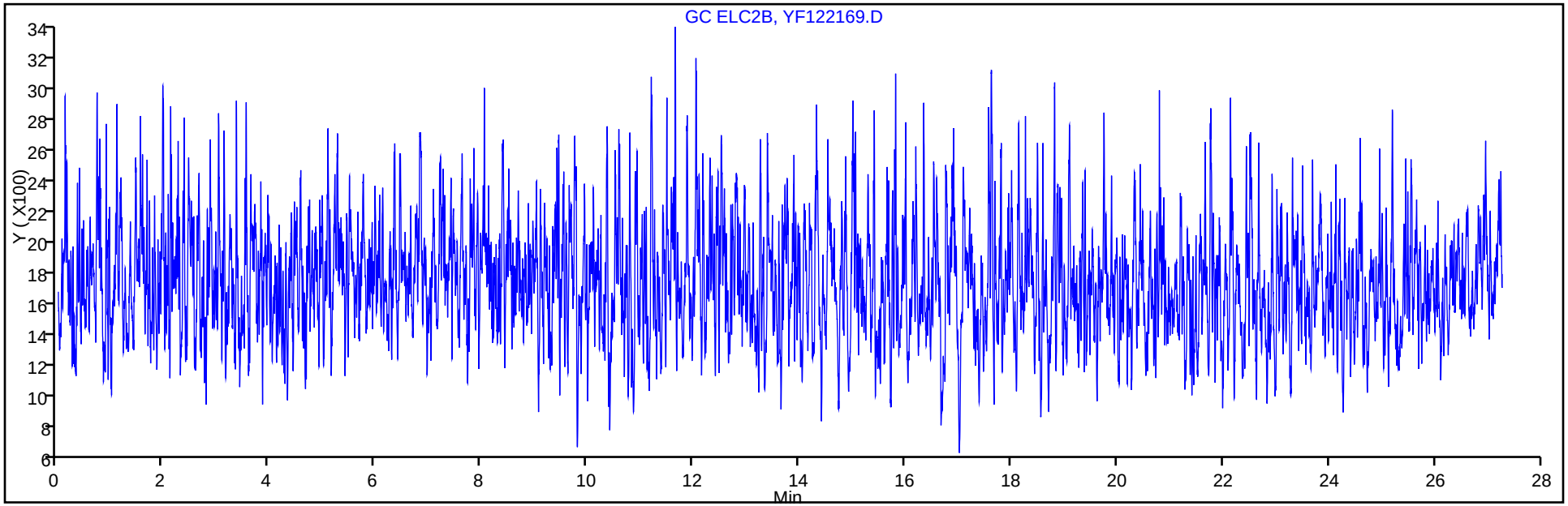
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TestAmerica Canton

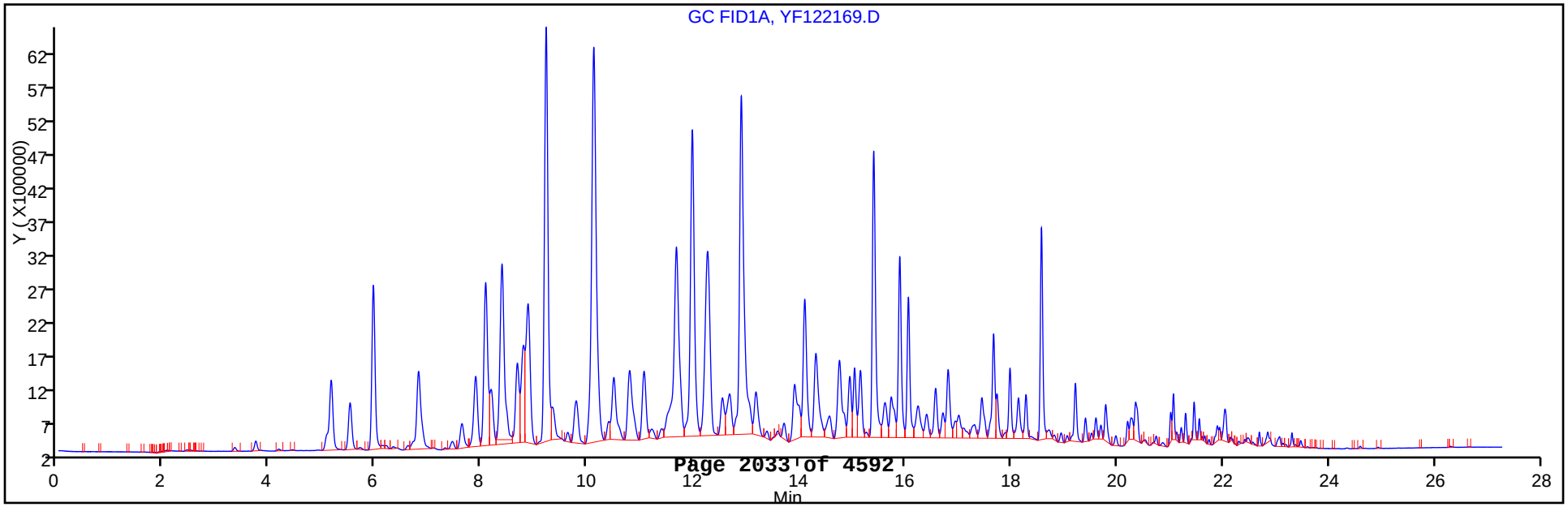
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122169.D

Injection Date:	23-Dec-2012 05:39:53	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	69
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

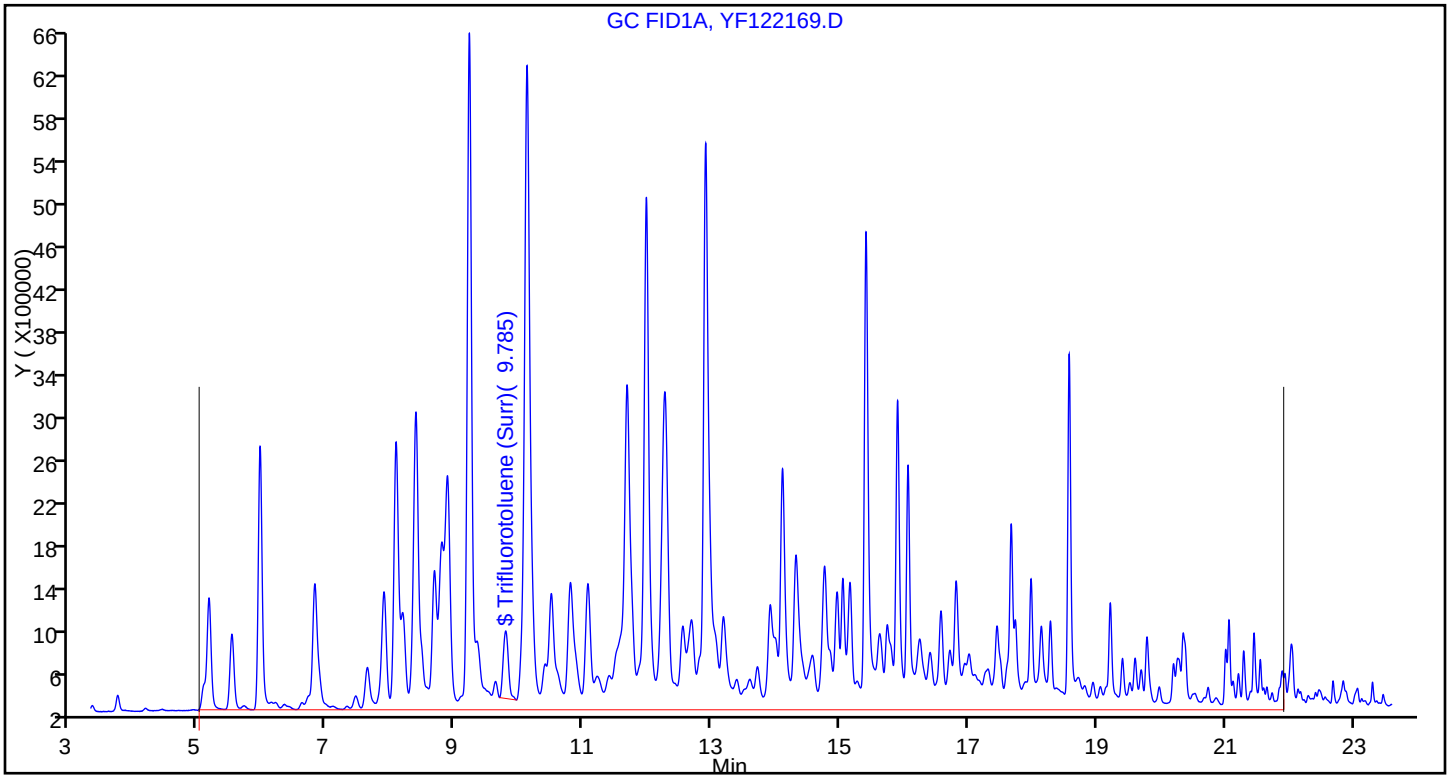


Report Date: 26-Dec-2012 15:23:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122169.D		
Injection Date:	23-Dec-2012 05:39:53	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	69
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0080-0001-SO Lab Sample ID: 240-18703-22

Matrix: Solid Lab File ID: YF122412.D

Analysis Method: 8015B Date Collected: 12/10/2012 15:16

Sample wt/vol: 5.807(g) Date Analyzed: 12/24/2012 14:51

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 15.0 Level: (low/med) Medium

Analysis Batch No.: 69965 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	4200	J	5100	2500	1700

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	75		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121224-16140.b\YF122412.D		
Lims ID:	240-18703-B-22-B	Client ID:	072SB-0080-0001-SO
Inject. Date:	24-Dec-2012 14:51:39	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016140-012		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69965	Lims Sample ID:	12
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121224-16140.b\Y80158021.m		
Last Update:	28-Dec-2012 12:21:30	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:	XAWRK035		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	2	9.758	9.757	0.001	1148277	7.47	
A 1 C6-C12	2	13.487	4.978 - 21.997		18028749	83.1	

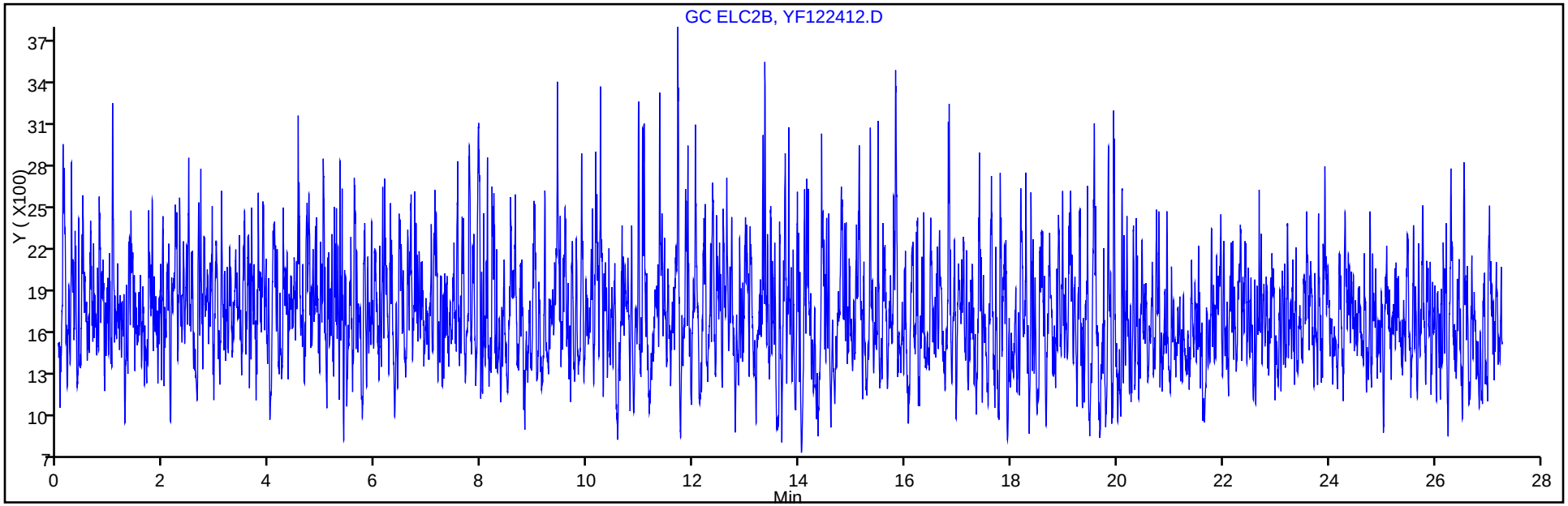
Report Date: 28-Dec-2012 12:21:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

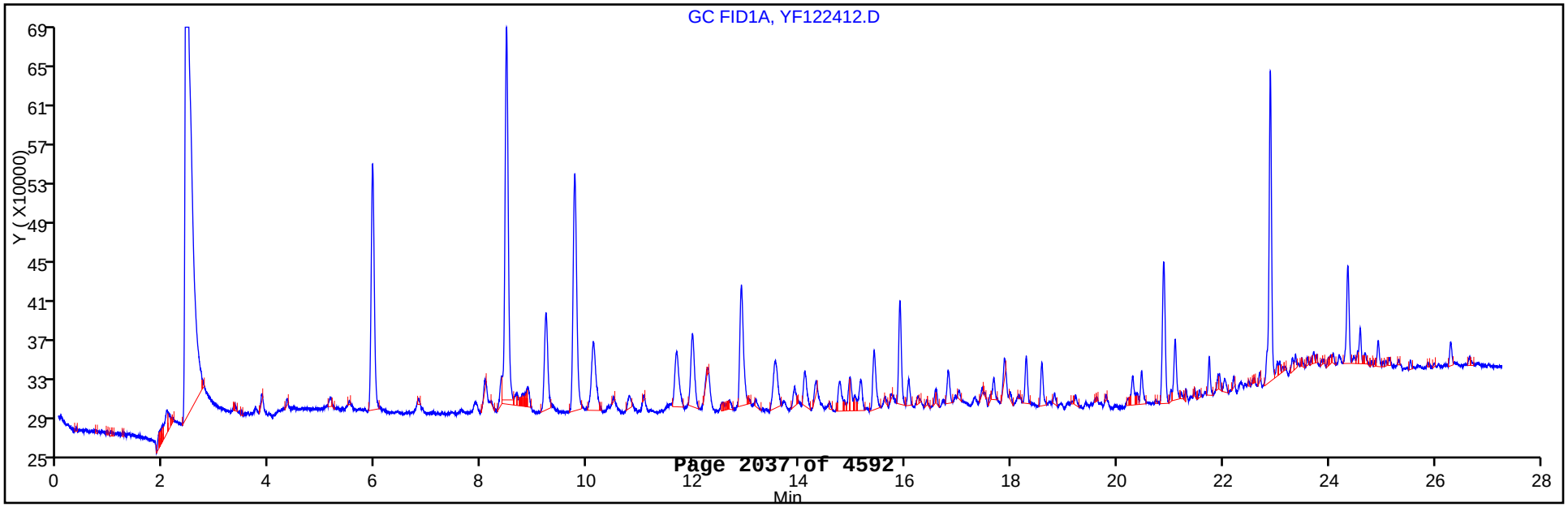
Data File: \\Ncchrom\ChromData\YPID\20121224-16140.b\YF122412.D

Injection Date:	24-Dec-2012 14:51:39	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69965	Lims Sample ID:	12
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

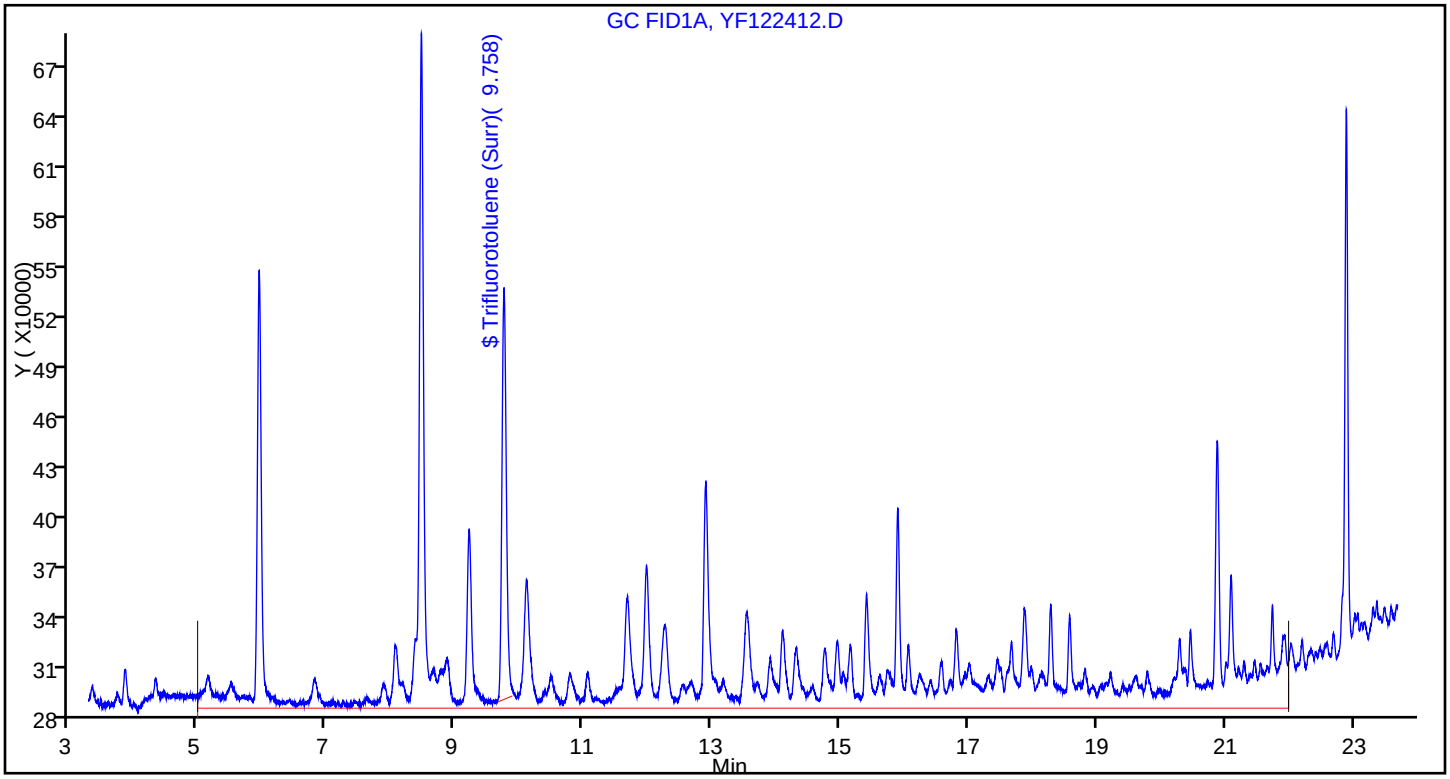


Report Date: 28-Dec-2012 12:21:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121224-16140.b\YF122412.D		
Injection Date:	24-Dec-2012 14:51:39	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0080-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69965	Lims Sample ID:	12
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.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0081-0001-SO | Lab Sample ID: 240-18703-23

Matrix: Solid | Lab File ID: YF122170.D

Analysis Method: 8015B | Date Collected: 12/10/2012 14:50

Sample wt/vol: 5.849(g) | Date Analyzed: 12/23/2012 06:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 12.0 | Level: (low/med) Low

Analysis Batch No.: 69738 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	49	U	97	49	45

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	60		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122170.D		
Lims ID:	240-18703-B-23-C	Client ID:	072SB-0081-0001-SO
Inject. Date:	23-Dec-2012 06:17:24	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-070		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	70
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:46	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:	XAWRK003		

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	9.757	-0.004	914997	5.95	
A 1 C6-C12	2		5.001 - 21.920				

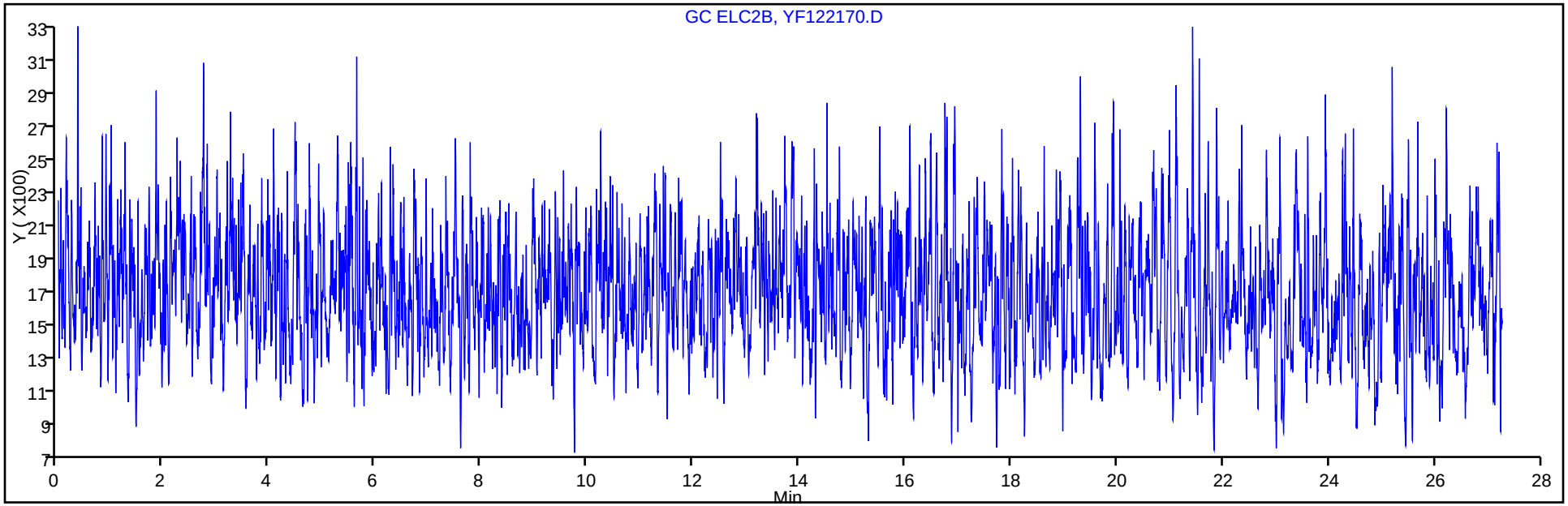
Report Date: 26-Dec-2012 15:23:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

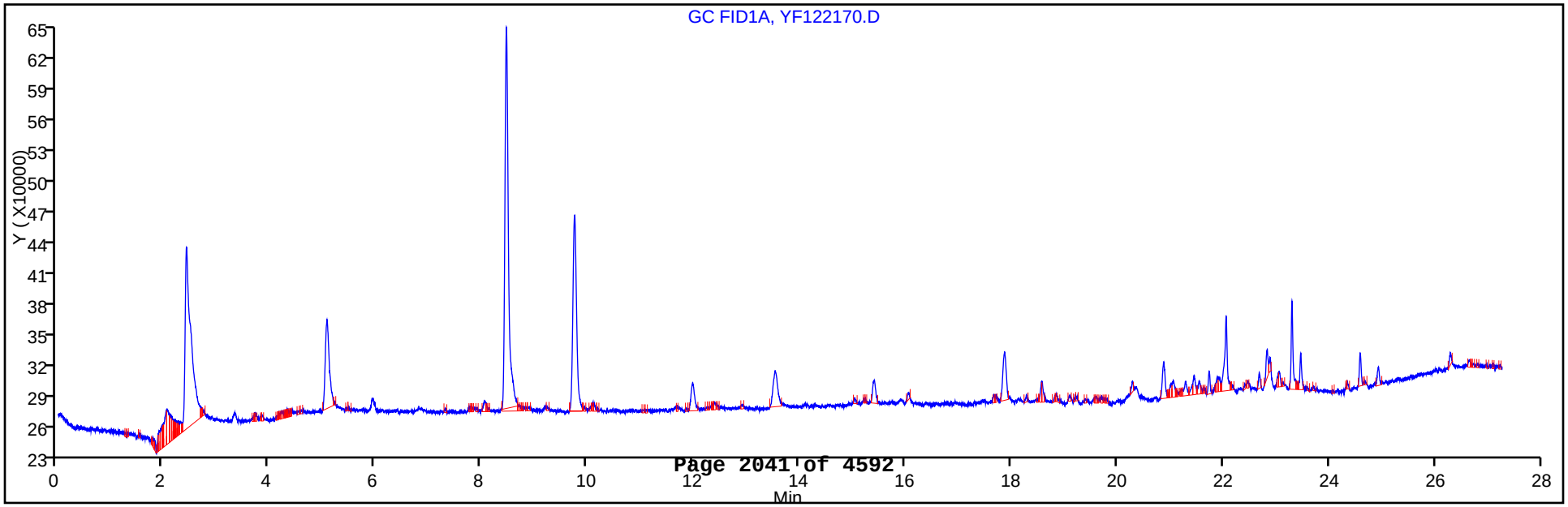
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122170.D

Injection Date:	23-Dec-2012 06:17:24	Limit Group:	GCV 8015B GRO ICAL
Client ID:	072SB-0081-0001-SO	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	70
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.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER Lab Sample ID: 240-18703-24

Matrix: Water Lab File ID: YF122141.D

Analysis Method: 8015B Date Collected: 12/09/2012 10:30

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 11:54

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.: 69738 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	50	U	100	50	25

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\20121221-16087.b\YF122141.D		
Lims ID:	240-18703-B-24	Client ID:	076-0140-0001-ER
Inject. Date:	22-Dec-2012 11:54:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-041		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	41
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:15	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:	XAWRK003		

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	9.752	9.759	-0.007	1212064	7.89	
A 1 C6-C12	2		5.001 - 21.920				

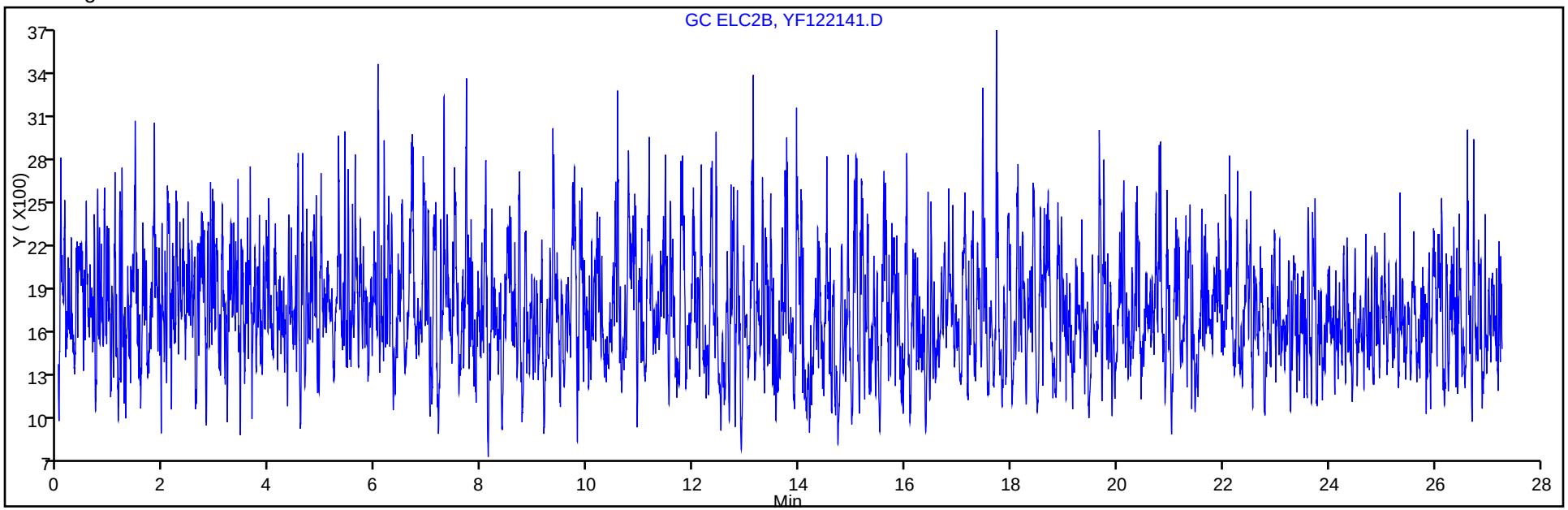
Report Date: 26-Dec-2012 15:23:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

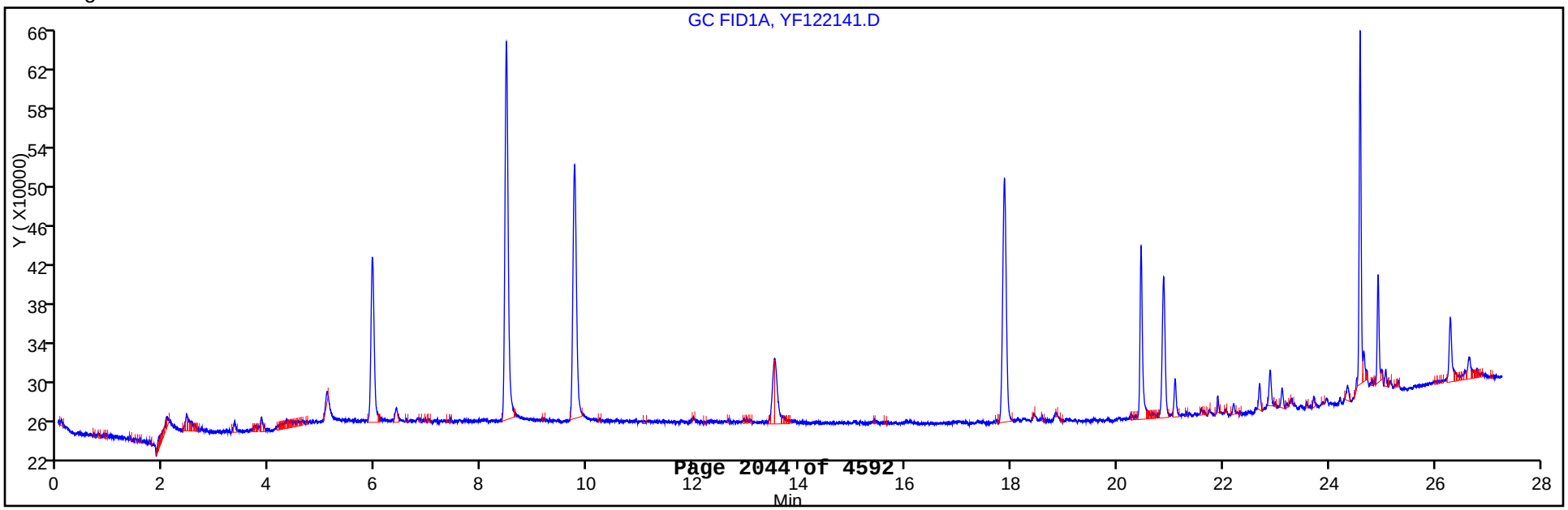
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122141.D

Injection Date:	22-Dec-2012 11:54:30	Limit Group:	GCV 8015B GRO ICAL
Client ID:	076-0140-0001-ER	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	41
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.: 240-18703-1

SDG No.:

Client Sample ID: 076-0141-0001-TB Lab Sample ID: 240-18703-25

Matrix: Water Lab File ID: YF122144.D

Analysis Method: 8015B Date Collected: 12/09/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 13:47

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.: 69738 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	27	J	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	64		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122144.D		
Lims ID:	240-18703-B-25	Client ID:	076-0141-0001-TB
Inject. Date:	22-Dec-2012 13:47:57	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-044		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	44
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:15	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:	XAWRK003		

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	9.759	-0.003	982966	6.39	
A 1 C6-C12	2	13.461	5.001 - 21.920		10431735	27.4	

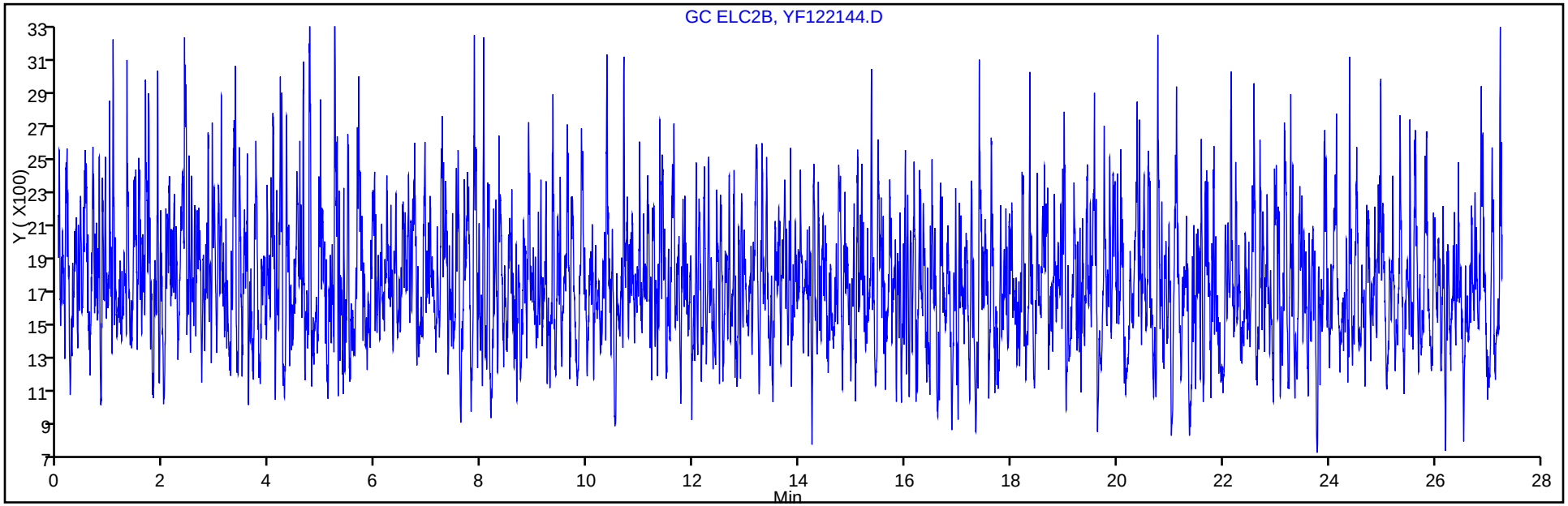
Report Date: 26-Dec-2012 15:23:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

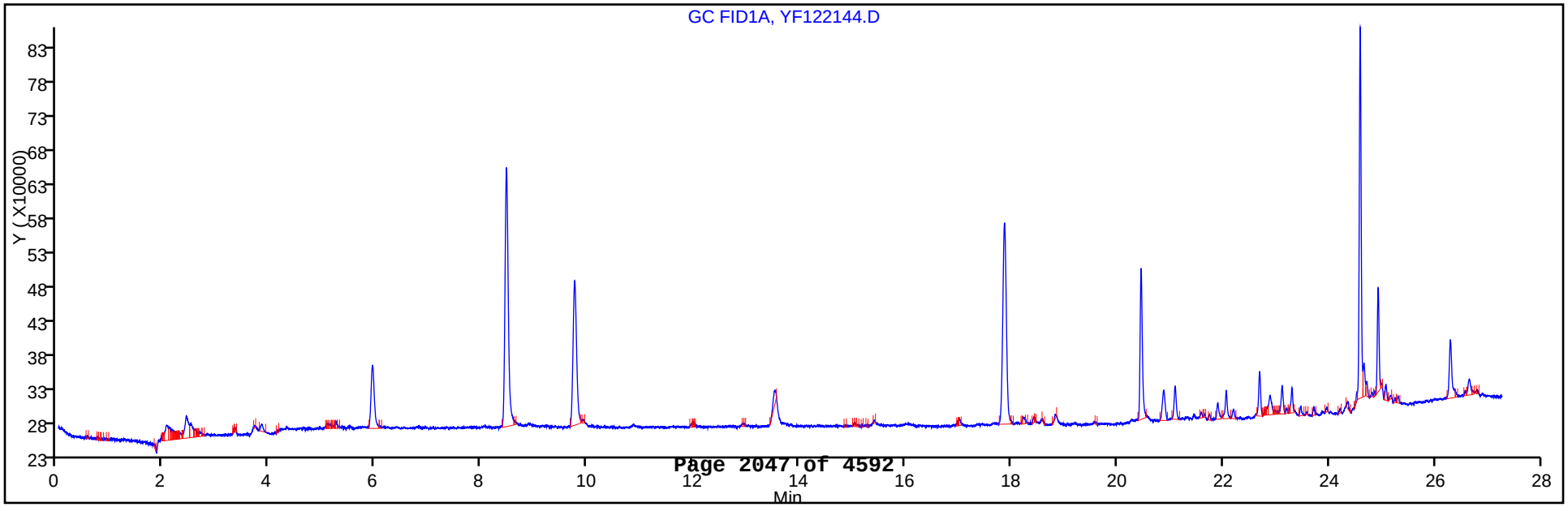
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122144.D

Injection Date:	22-Dec-2012 13:47:57	Limit Group:	GCV 8015B GRO ICAL
Client ID:	076-0141-0001-TB	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	44
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

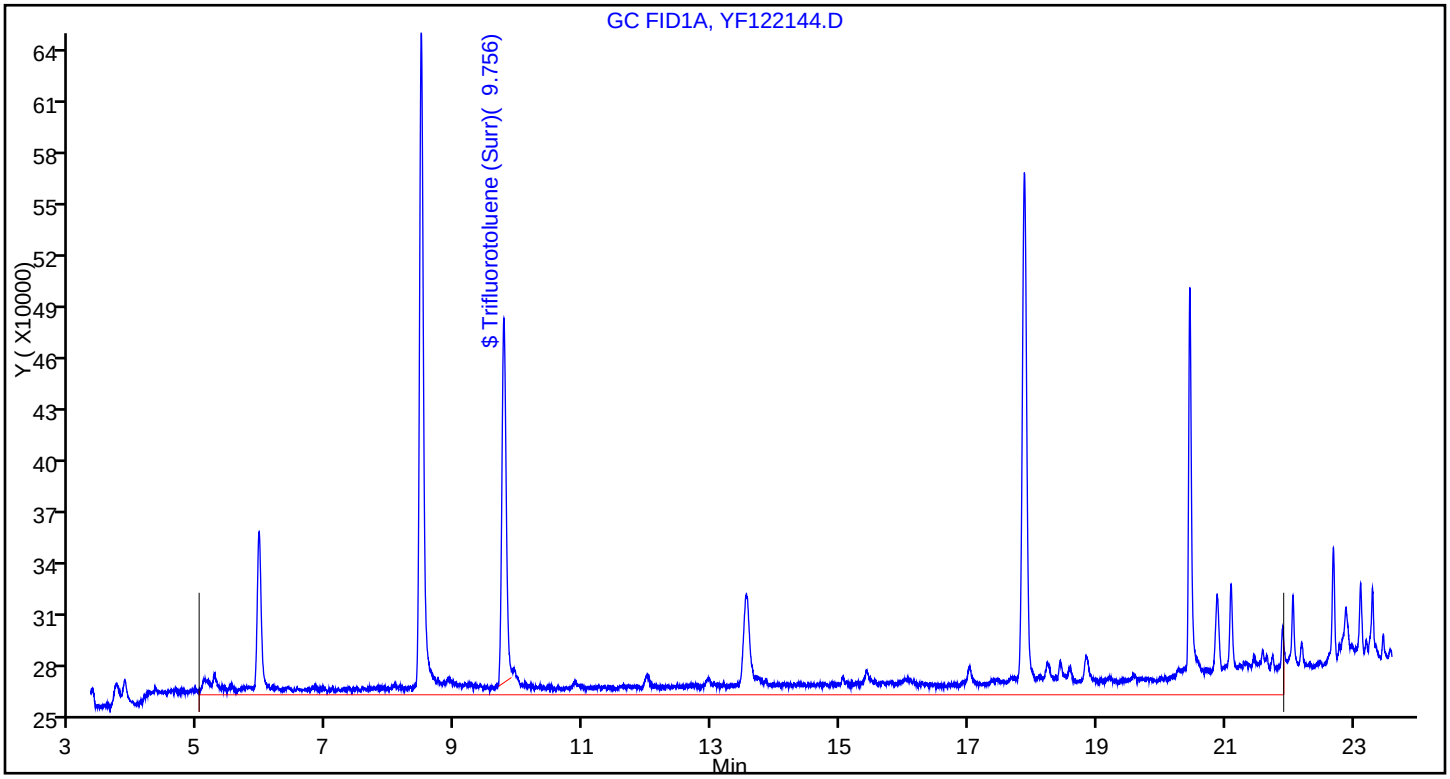


Report Date: 26-Dec-2012 15:23:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122144.D		
Injection Date:	22-Dec-2012 13:47:57	Limit Group:	GCV 8015B GRO ICAL
Client ID:	076-0141-0001-TB	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	44
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.: 240-18703-1

SDG No.:

Client Sample ID: 076-0142-0001-TB Lab Sample ID: 240-18703-26

Matrix: Water Lab File ID: YF122146.D

Analysis Method: 8015B Date Collected: 12/09/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 15:02

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.: 69738 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	50	U	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	85		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122146.D		
Lims ID:	240-18703-B-26	Client ID:	076-0142-0001-TB
Inject. Date:	22-Dec-2012 15:02:56	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016087-046		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	46
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:28	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:	XAWRK003		

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	9.757	-0.004	1302090	8.47	
A 1 C6-C12	2		5.001 - 21.920				

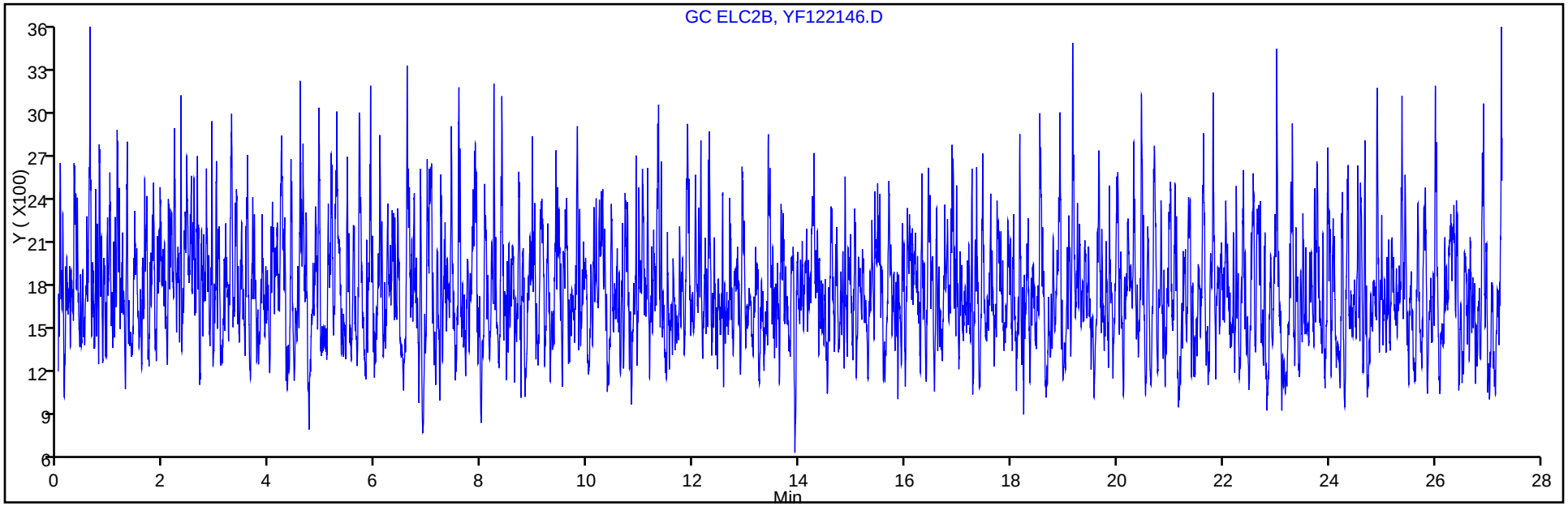
Report Date: 26-Dec-2012 15:23:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

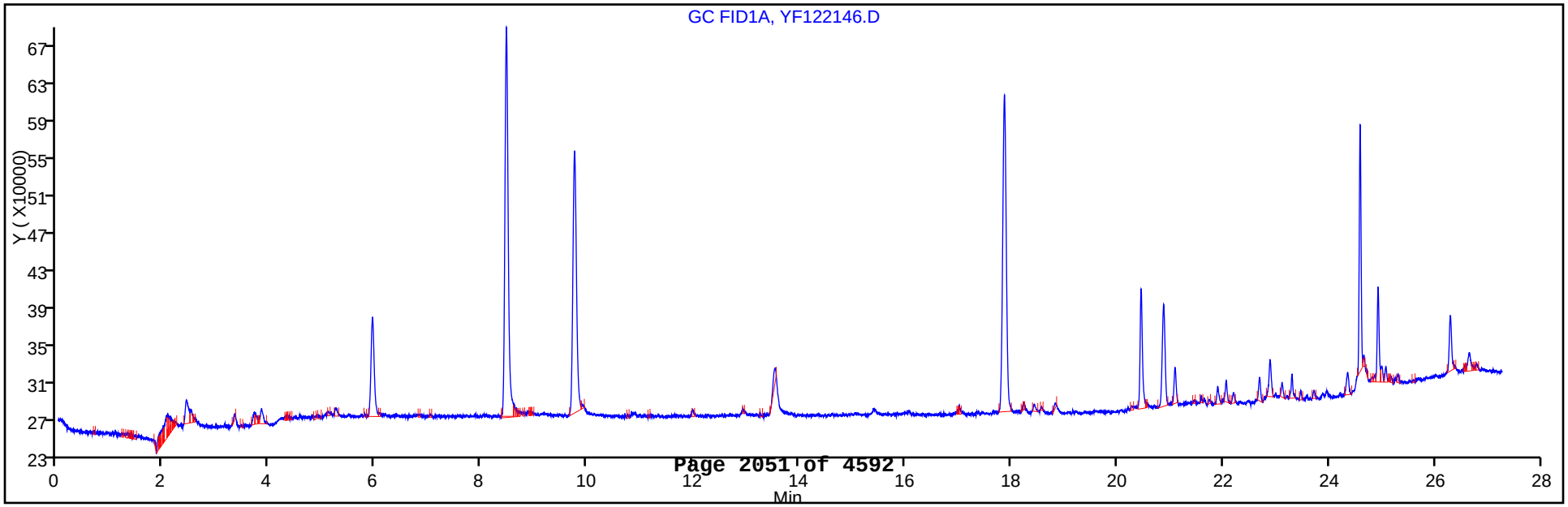
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122146.D

Injection Date:	22-Dec-2012 15:02:56	Limit Group:	GCV 8015B GRO ICAL
Client ID:	076-0142-0001-TB	Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	46
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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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

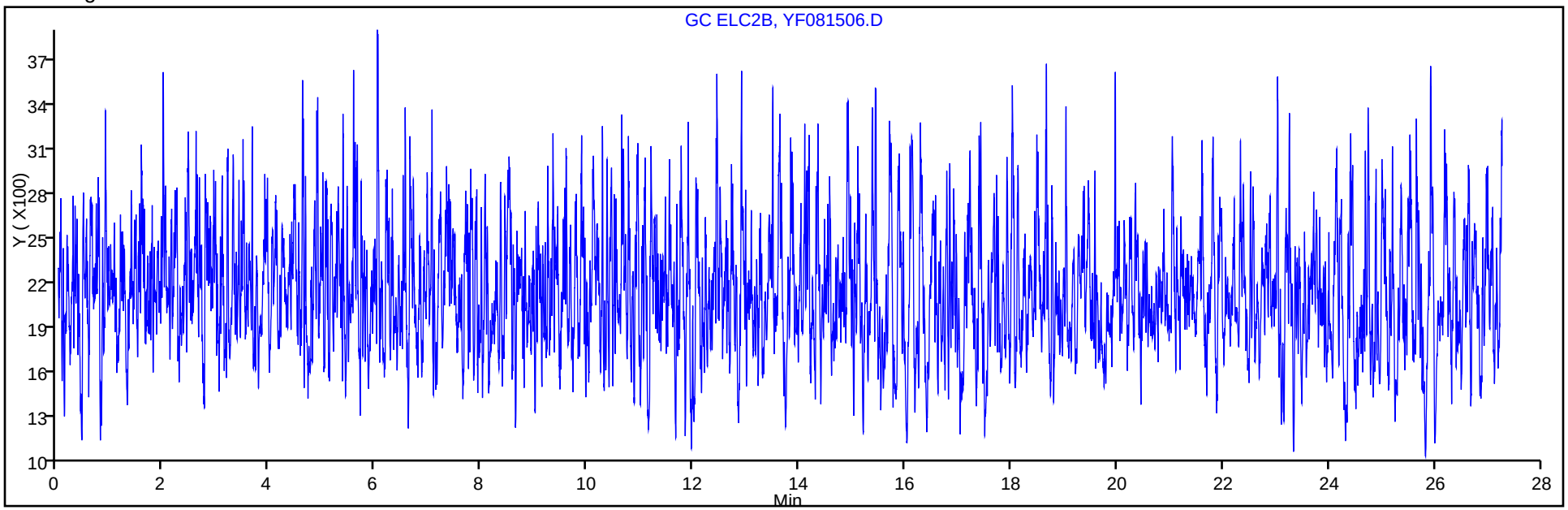
Injection Date: 15-Aug-2012 18:36:54 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

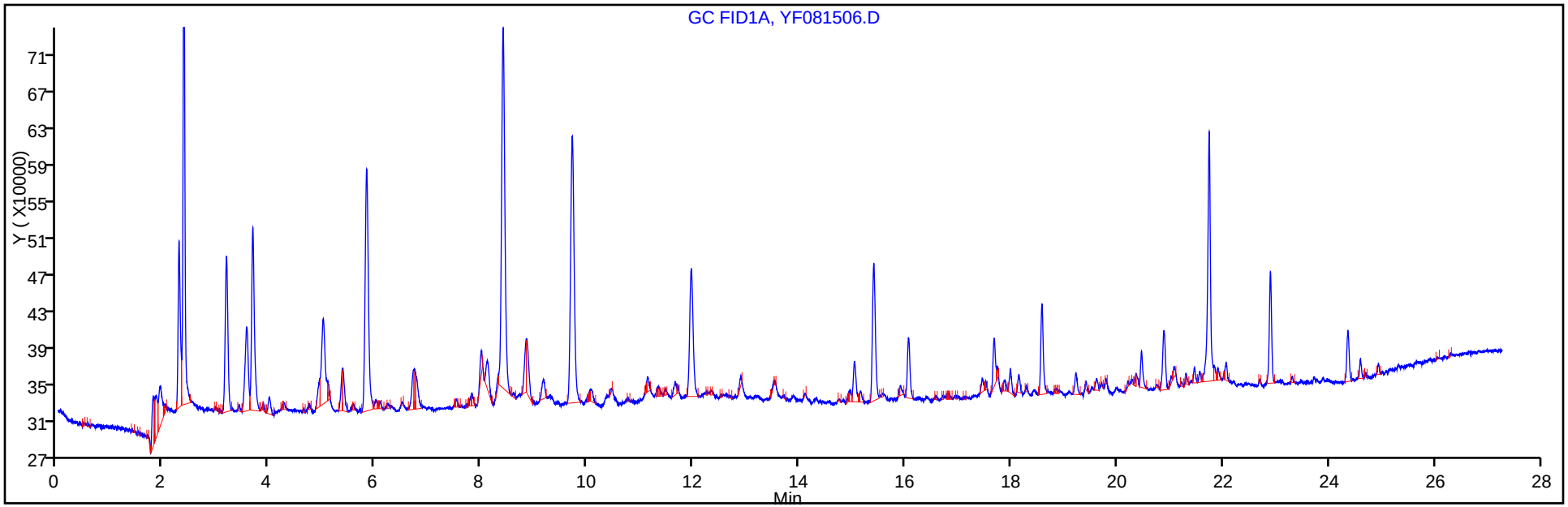
Lims Batch ID: 54511 Lims Sample ID: 6

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		

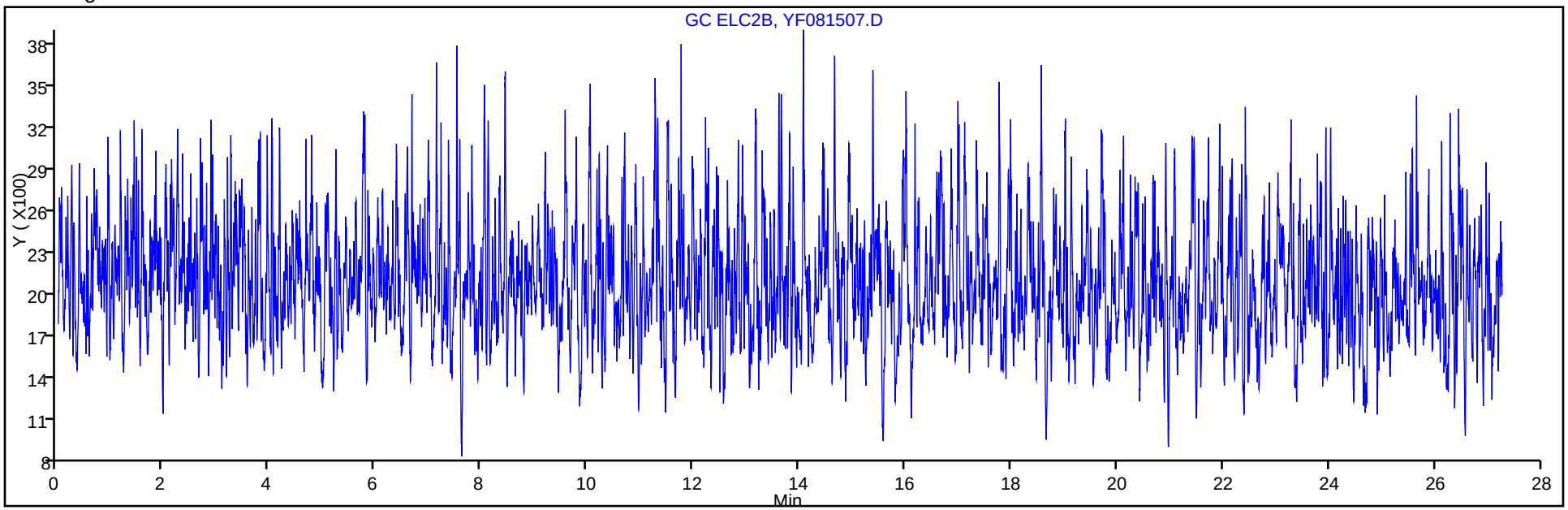
Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.710	9.713	-0.003	1379064	8.97	
A 5 C6-C10	2	11.760	4.755 -	18.765	27099537	199.2	
A 1 C6-C12	2	13.426	4.855 -	21.997	34081672	200.8	

Report Date: 16-Aug-2012 12:49:28 Chrom Revision: 2.0 17-Jul-2012 17:32:54

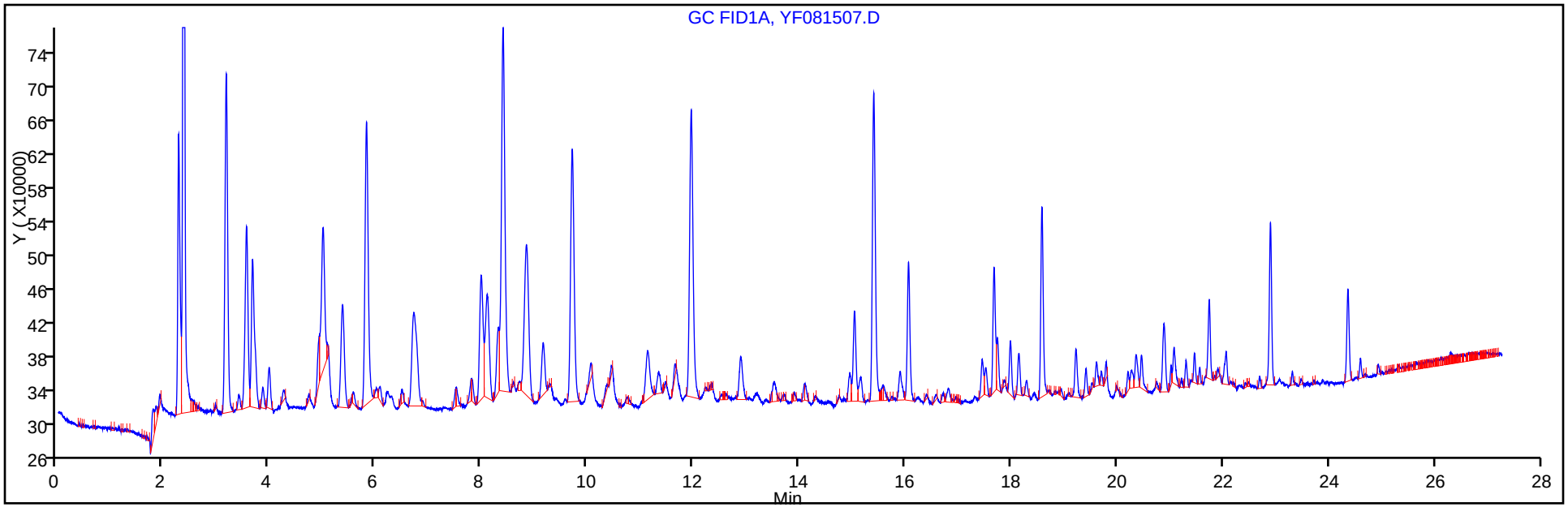
Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081507.D

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

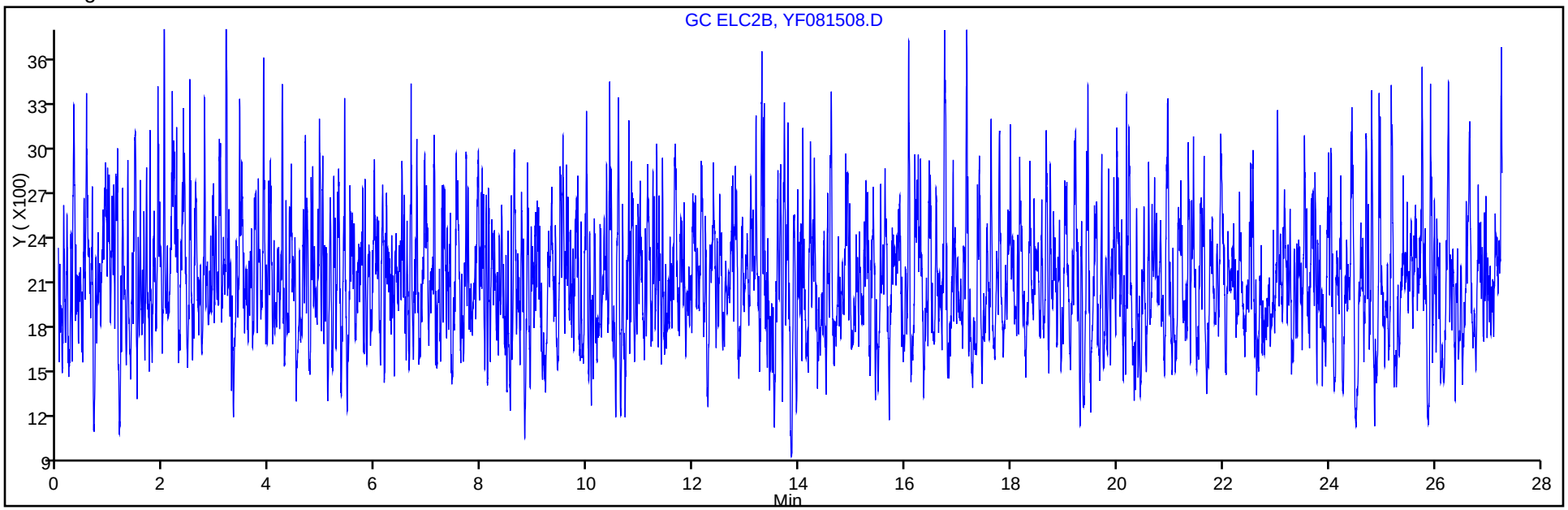
Injection Date: 15-Aug-2012 19:58:01 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

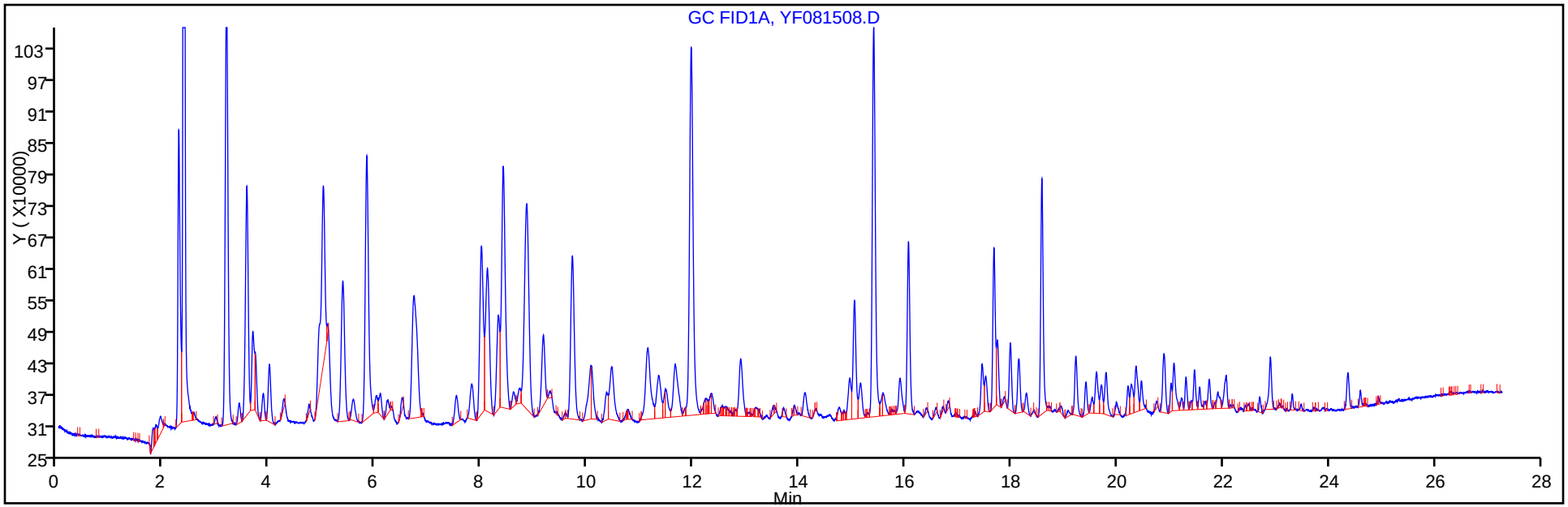
Lims Batch ID: 54511 Lims Sample ID: 8

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		

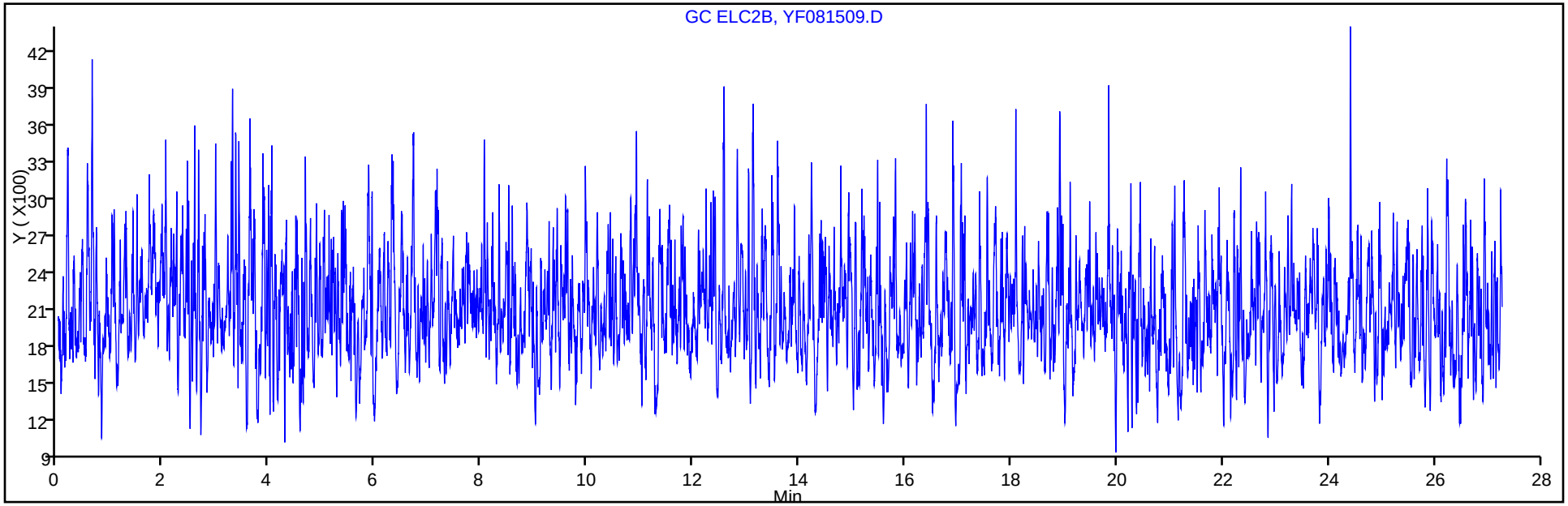
Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.708	9.708	0.0	1538182	10.0	
A 5 C6-C10	2	11.760	4.755 -	18.765	98796615	726.3	
A 1 C6-C12	2	13.426	4.855 -	21.997	113051081	779.9	

Report Date: 16-Aug-2012 12:49:36 Chrom Revision: 2.0 17-Jul-2012 17:32:54

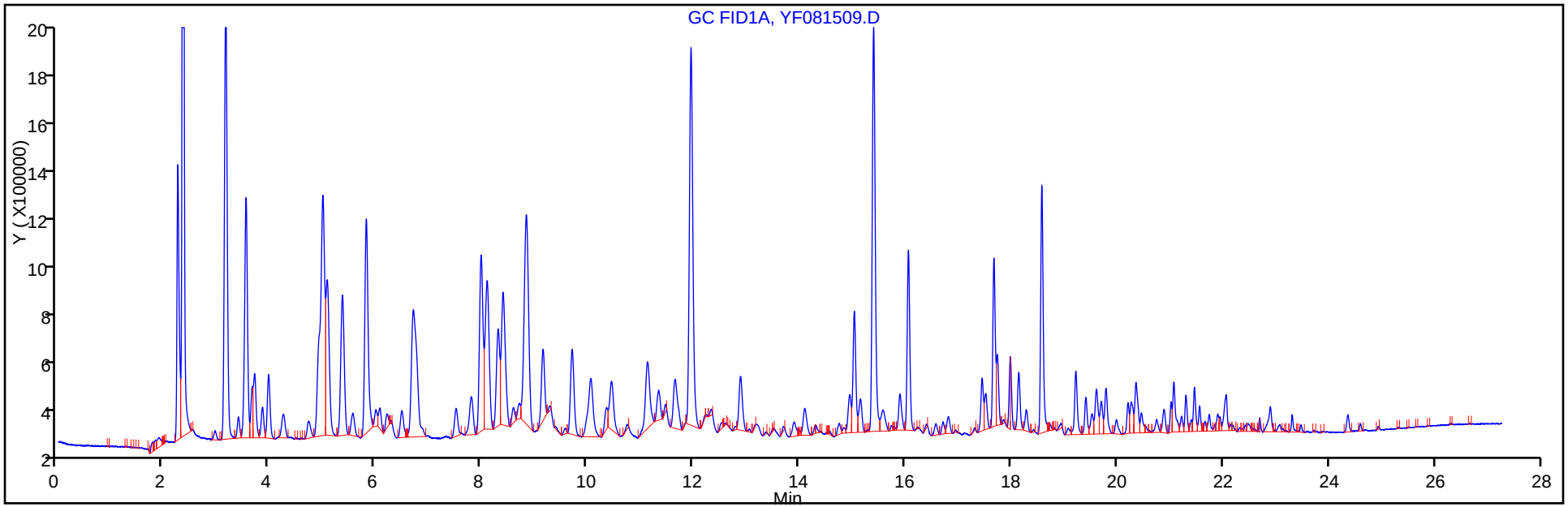
Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081509.D

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

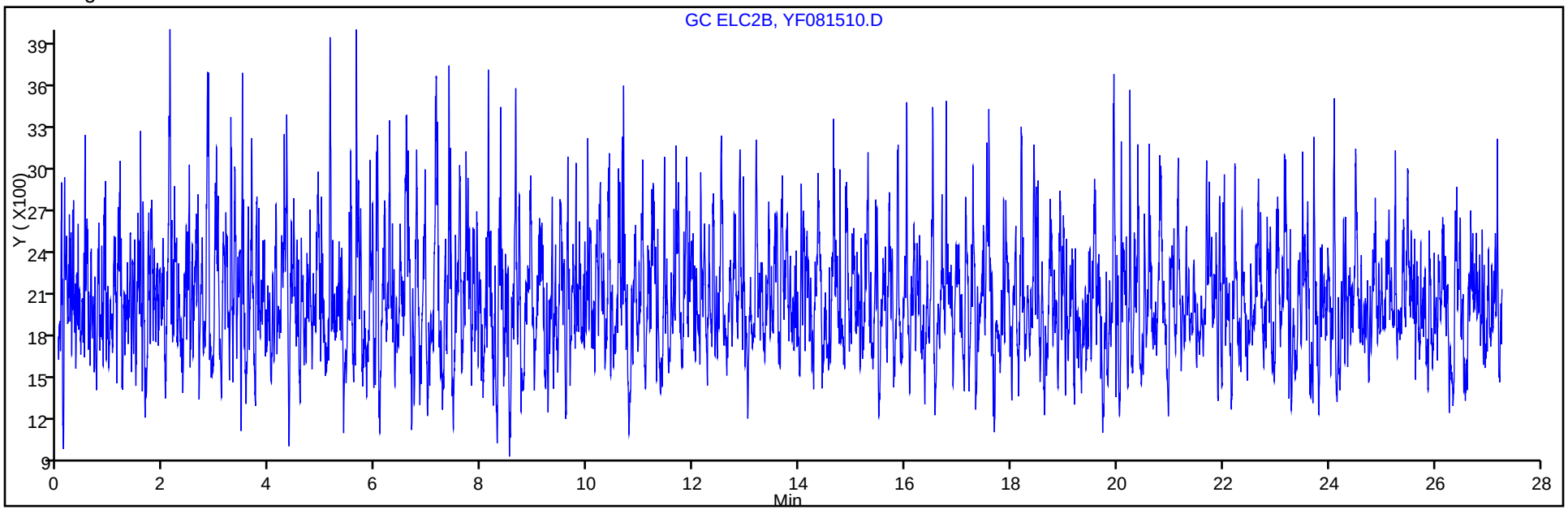
Injection Date: 15-Aug-2012 21:19:54 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

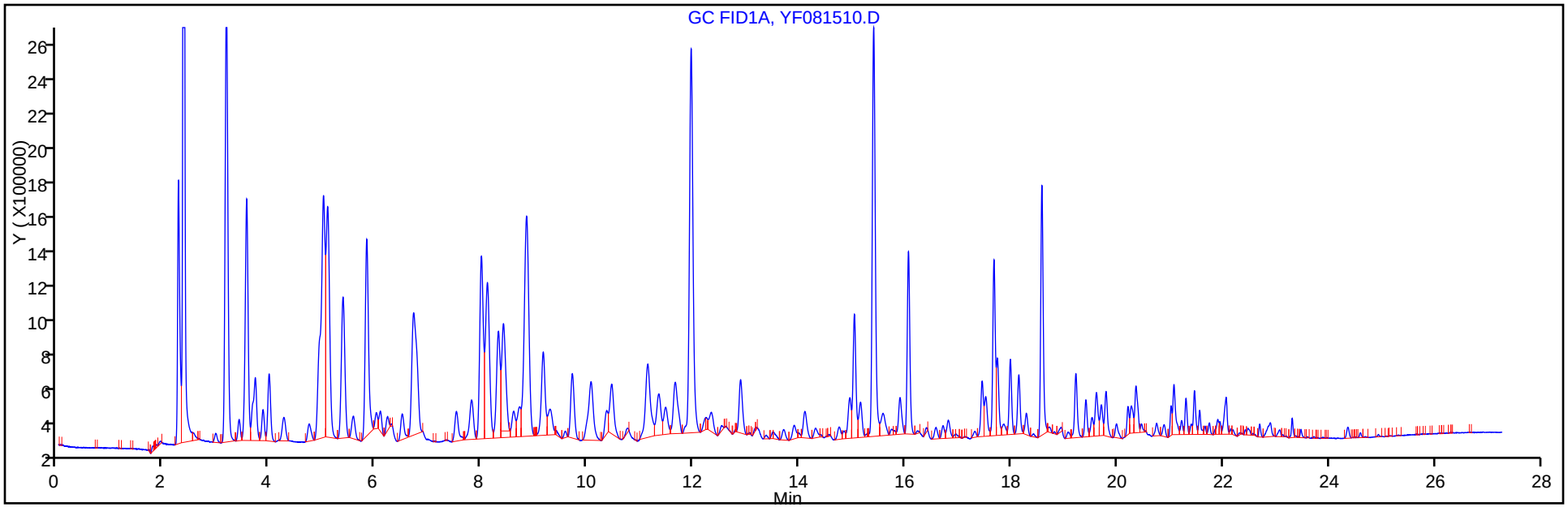
Lims Batch ID: 54511 Lims Sample ID: 10

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

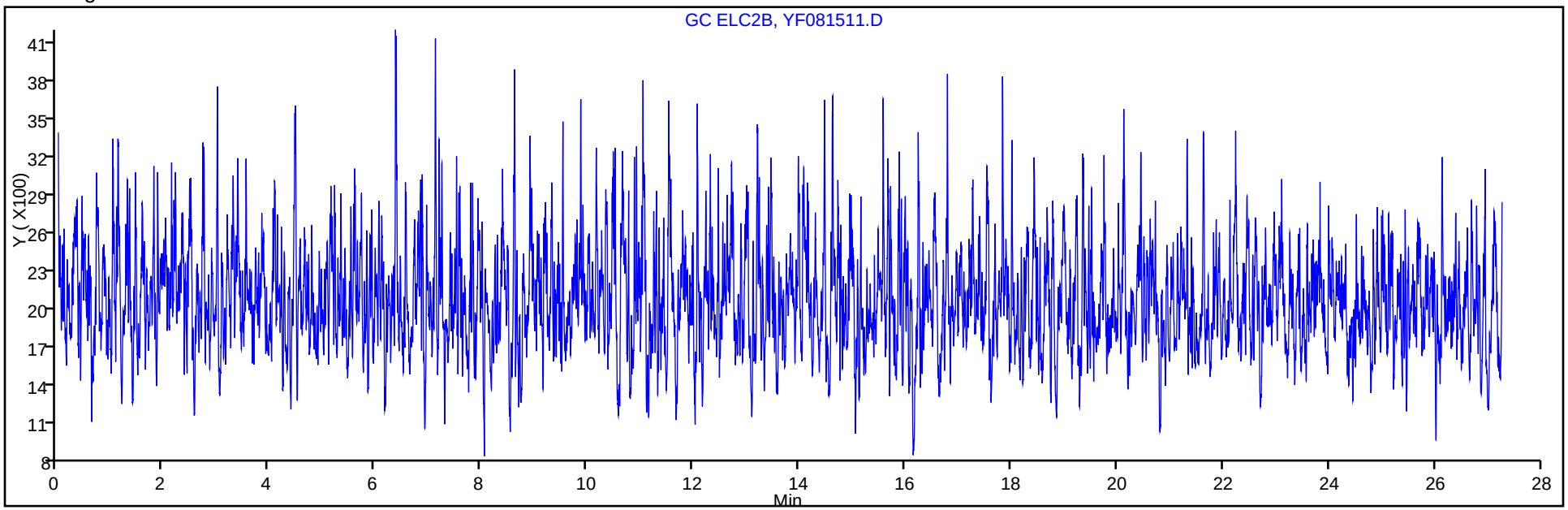
Injection Date: 15-Aug-2012 22:00:09 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

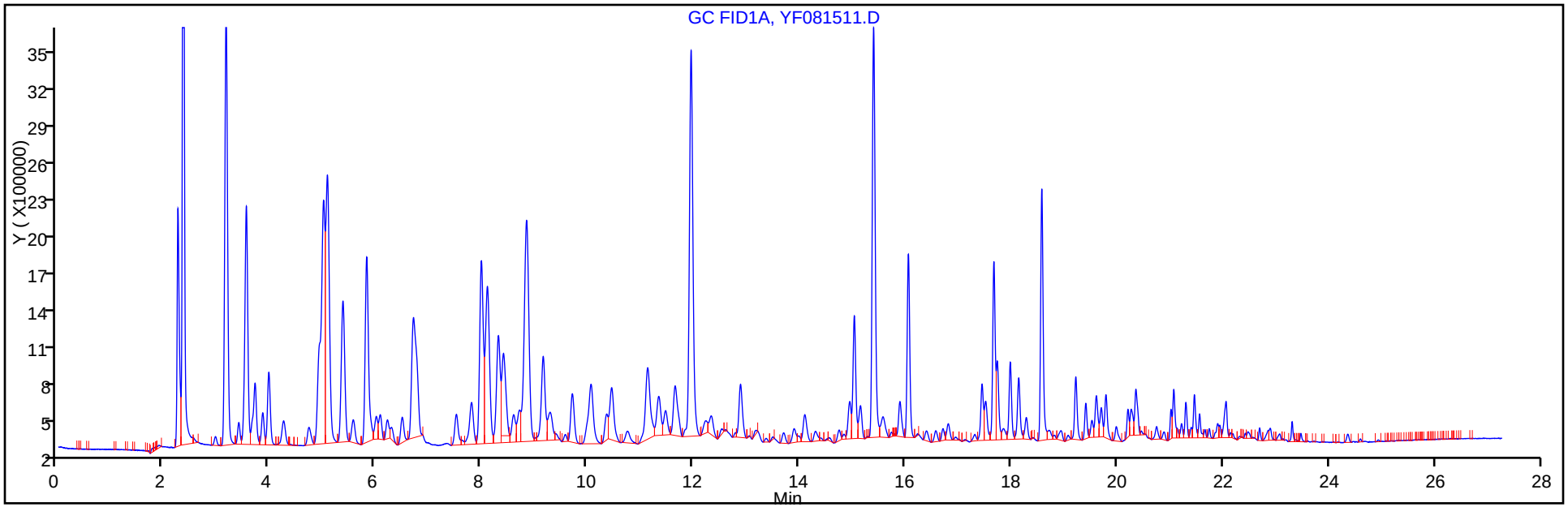
Lims Batch ID: 54511 Lims Sample ID: 11

Operator ID: 1765

Y Scaling:



Y Scaling:



FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 70392

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2012 11:38 Calibration End Date: 12/28/2012 14:47 Calibration ID: 13004

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-70392/5	YF122805.D
Level 2	STD2 240-70392/6	YF122806.D
Level 3	STD3 240-70392/7	YF122807.D
Level 4	STD4 240-70392/8	YF122808.D
Level 5	STD5 240-70392/9	YF122809.D
Level 6	STD6 240-70392/10	YF122810.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
C6-C10	11.892	11.892	11.892	11.892	11.892	11.892					4.963 - 18.821	11.892
C6-C12	13.469	13.469	13.469	13.469	13.469	13.469					4.963 - 21.975	13.469
Trifluorotoluene (Surr)	9.755	9.756	9.757	9.755	9.757	9.762					9.502 - 10.002	9.757

FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 70392

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2012 11:38 Calibration End Date: 12/28/2012 14:47 Calibration ID: 13004

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-70392/5	YF122805.D
Level 2	STD2 240-70392/6	YF122806.D
Level 3	STD3 240-70392/7	YF122807.D
Level 4	STD4 240-70392/8	YF122808.D
Level 5	STD5 240-70392/9	YF122809.D
Level 6	STD6 240-70392/10	YF122810.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	154920 135520	157111 134528	142787	136336	Ave		143533.726				7.0		20.0			
C6-C12	189132 149860	180225 148055	158867	151135	Ave		162878.826				11.0		20.0			
Trifluorotoluene (Surr)	109561 155109	117683 162602	122760	133162	Ave		133479.383				16.0		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.: 240-18703-1 Analy Batch No.: 70392

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/28/2012 11:38 Calibration End Date: 12/28/2012 14:47 Calibration ID: 13004

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-70392/5	YF122805.D
Level 2	STD2 240-70392/6	YF122806.D
Level 3	STD3 240-70392/7	YF122807.D
Level 4	STD4 240-70392/8	YF122808.D
Level 5	STD5 240-70392/9	YF122809.D
Level 6	STD6 240-70392/10	YF122810.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	15492003 215244603	31422214	57114972	109068483	162624413	100 1600	200	400	800	1200
C6-C12	Ave	18913229 236888136	36044954	63546608	120907621	179831720	100 1600	200	400	800	1200
Trifluorotoluene (Surr)	Ave	1095611 1626015	1176834	1227602	1331615	1551086	10.0 10.0	10.0	10.0	10.0	10.0

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122805.D		
Lims ID:	STD1 GAS	Client ID:	
Inject. Date:	28-Dec-2012 11:38:41	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0016238-005		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	70392	Lims Sample ID:	5
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121228-16238.b\Y80158021.m		
Last Update:	29-Dec-2012 06:31:49	Calib Date:	28-Dec-2012 14:47:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

Compound	Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	2	9.755	9.752	0.003	1095611	8.21	
A 5 C6-C10	2	11.892	4.963 - 18.821		15492003	107.9	
A 1 C6-C12	2	13.469	4.963 - 21.975		18913229	116.1	

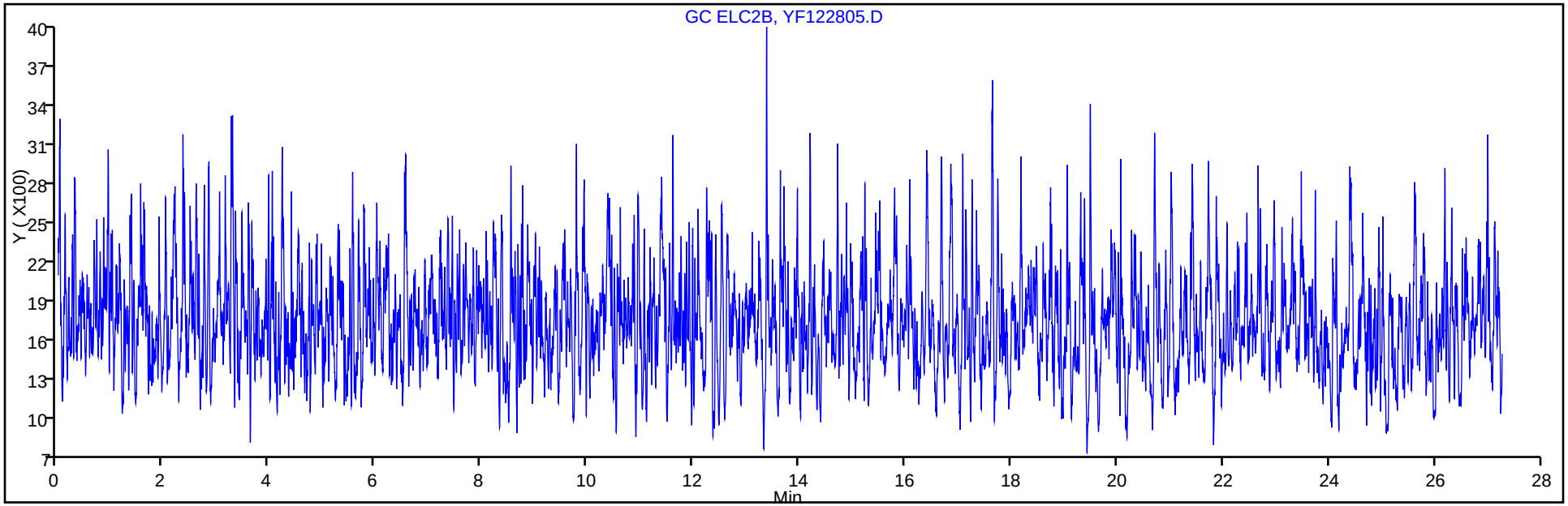
Report Date: 29-Dec-2012 06:31:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

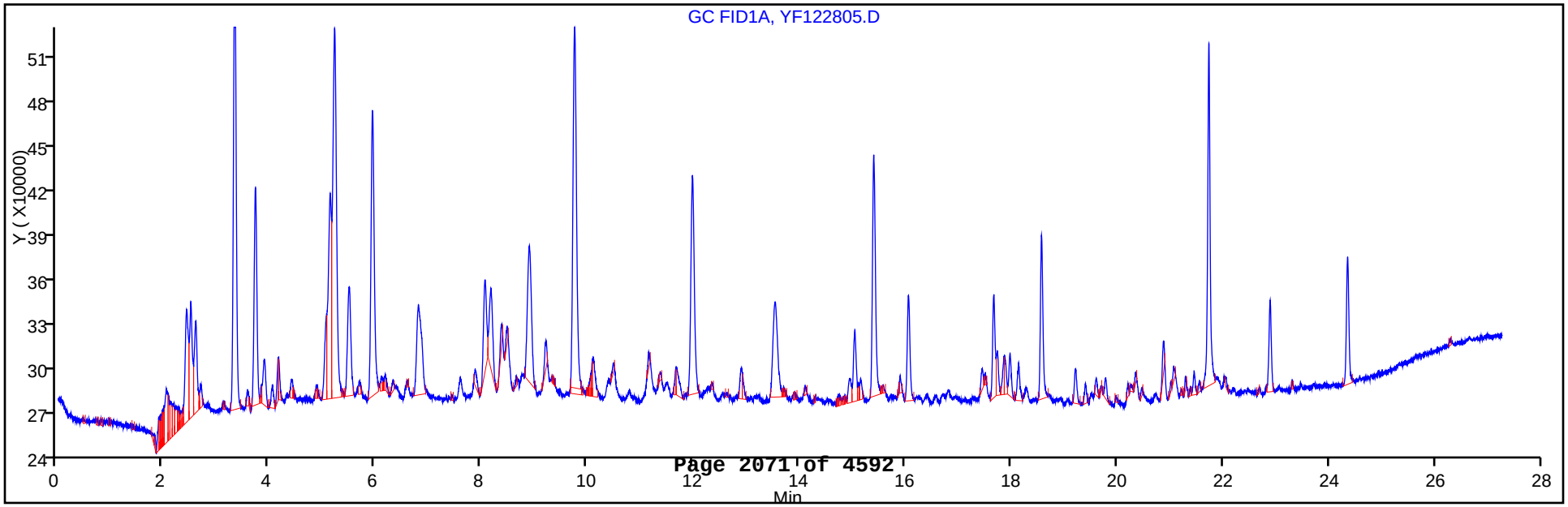
Data File: \\Ncchrom\ChromData\YPID\20121228-16238.b\YF122805.D

Injection Date:	28-Dec-2012 11:38:41	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	70392	Lims Sample ID:	5
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122806.D		
Lims ID:	STD2 GAS	Client ID:	
Inject. Date:	28-Dec-2012 12:16:54	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0016238-006		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	70392	Lims Sample ID:	6
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121228-16238.b\Y80158021.m		
Last Update:	29-Dec-2012 06:31:52	Calib Date:	28-Dec-2012 14:47:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

Compound	Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	2	9.756	9.752	0.004	1176834	8.82	
A 5 C6-C10	2	11.892	4.963 - 18.821		31422214	218.9	
A 1 C6-C12	2	13.469	4.963 - 21.975		36044954	221.3	

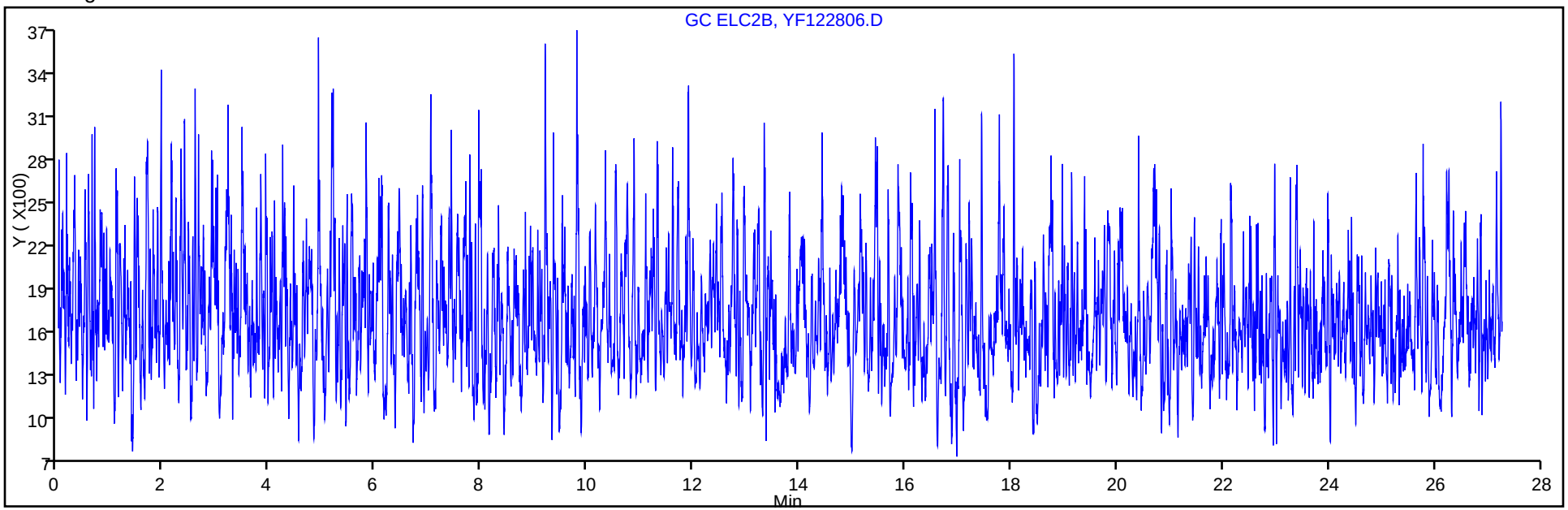
Report Date: 29-Dec-2012 06:31:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

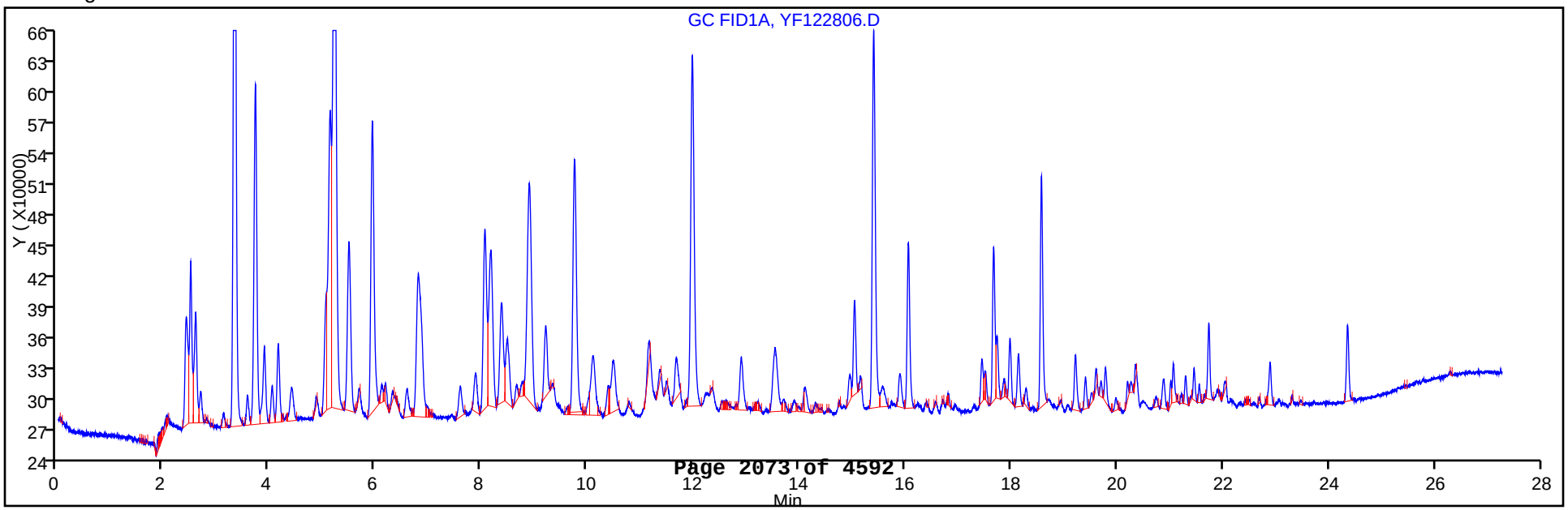
Data File: \\Ncchrom\ChromData\YPID\20121228-16238.b\YF122806.D

Injection Date:	28-Dec-2012 12:16:54	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	70392	Lims Sample ID:	6
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122807.D		
Lims ID:	STD3 GAS	Client ID:	
Inject. Date:	28-Dec-2012 12:54:17	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0016238-007		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	70392	Lims Sample ID:	7
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121228-16238.b\Y80158021.m		
Last Update:	29-Dec-2012 06:31:55	Calib Date:	28-Dec-2012 14:47:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

Compound	Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	2	9.757	9.752	0.005	1227602	9.20	
A 5 C6-C10	2	11.892	4.963 - 18.821		57114972	397.9	
A 1 C6-C12	2	13.469	4.963 - 21.975		63546608	390.1	

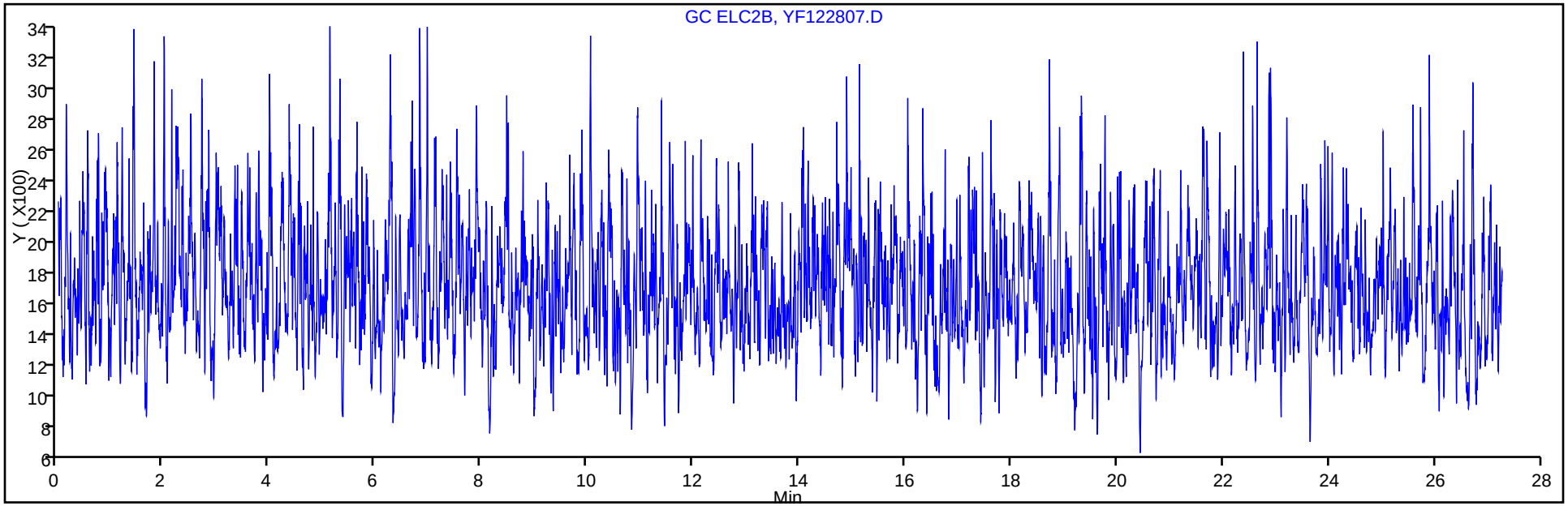
Report Date: 29-Dec-2012 06:31:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

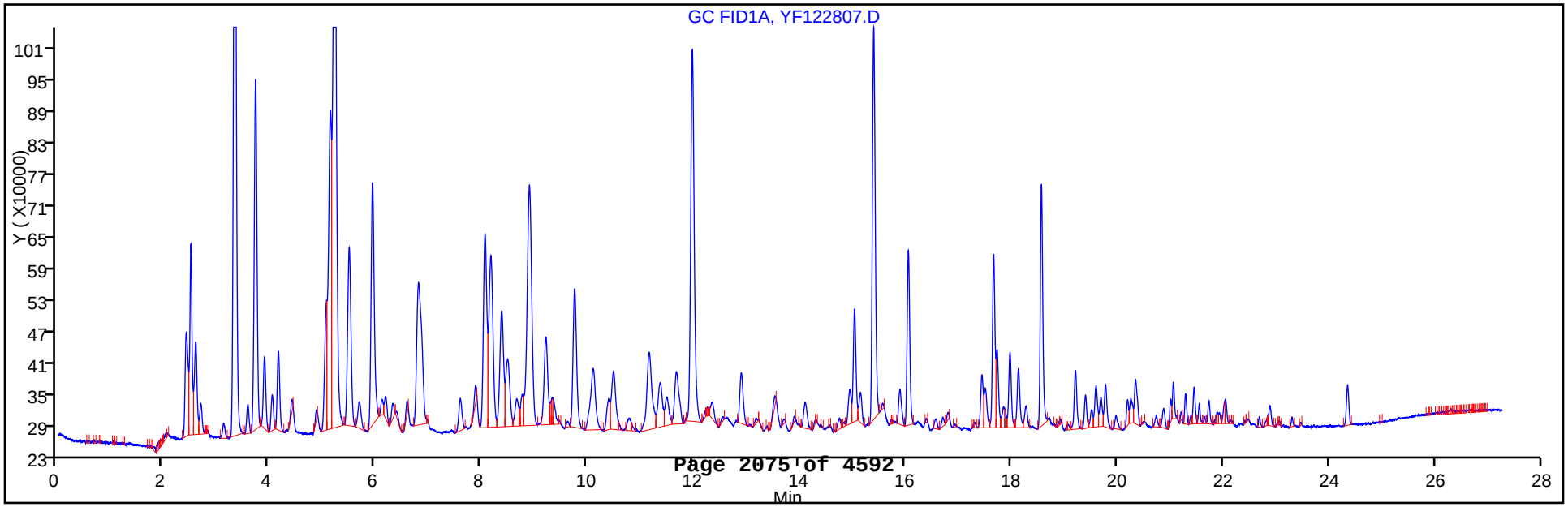
Data File: \\Ncchrom\ChromData\YPID\20121228-16238.b\YF122807.D

Injection Date:	28-Dec-2012 12:54:17	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	70392	Lims Sample ID:	7
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122808.D		
Lims ID:	STD4 GAS	Client ID:	
Inject. Date:	28-Dec-2012 13:32:12	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	4
Sample ID:	240-0016238-008		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	70392	Lims Sample ID:	8
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121228-16238.b\Y80158021.m		
Last Update:	29-Dec-2012 06:31:59	Calib Date:	28-Dec-2012 14:47:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

Compound	Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	2	9.755	9.755	0.0	1331615	9.98	
A 5 C6-C10	2	11.892	4.963 - 18.821		109068483	759.9	
A 1 C6-C12	2	13.469	4.963 - 21.975		120907621	742.3	

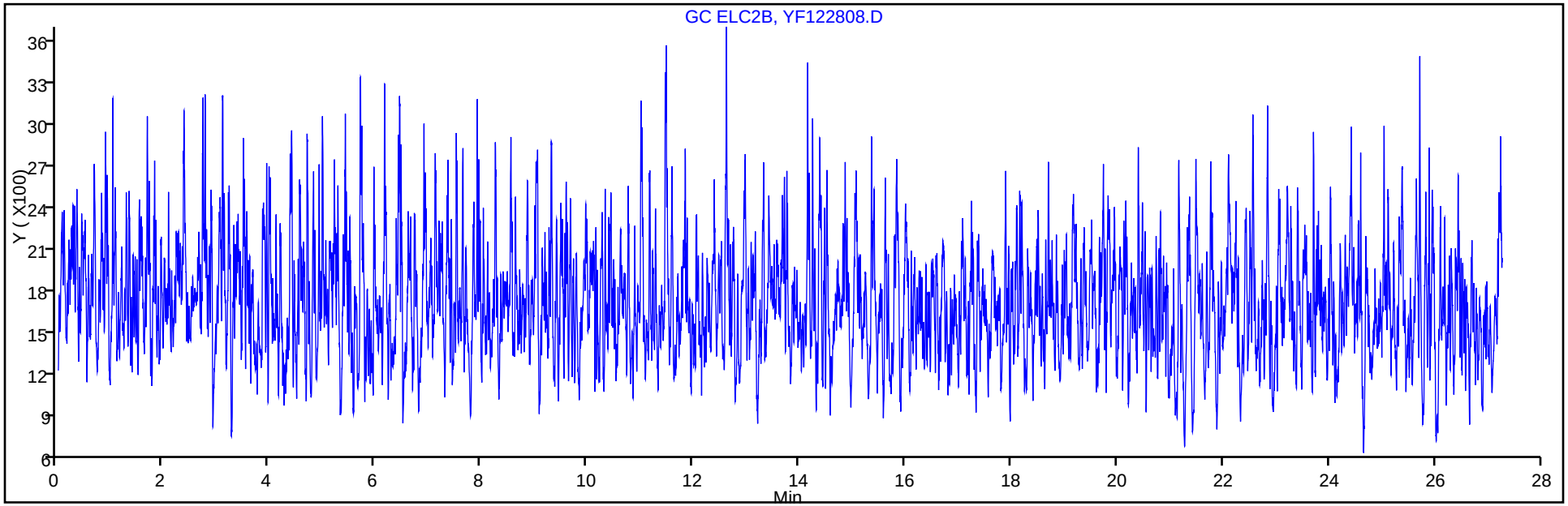
Report Date: 29-Dec-2012 06:32:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

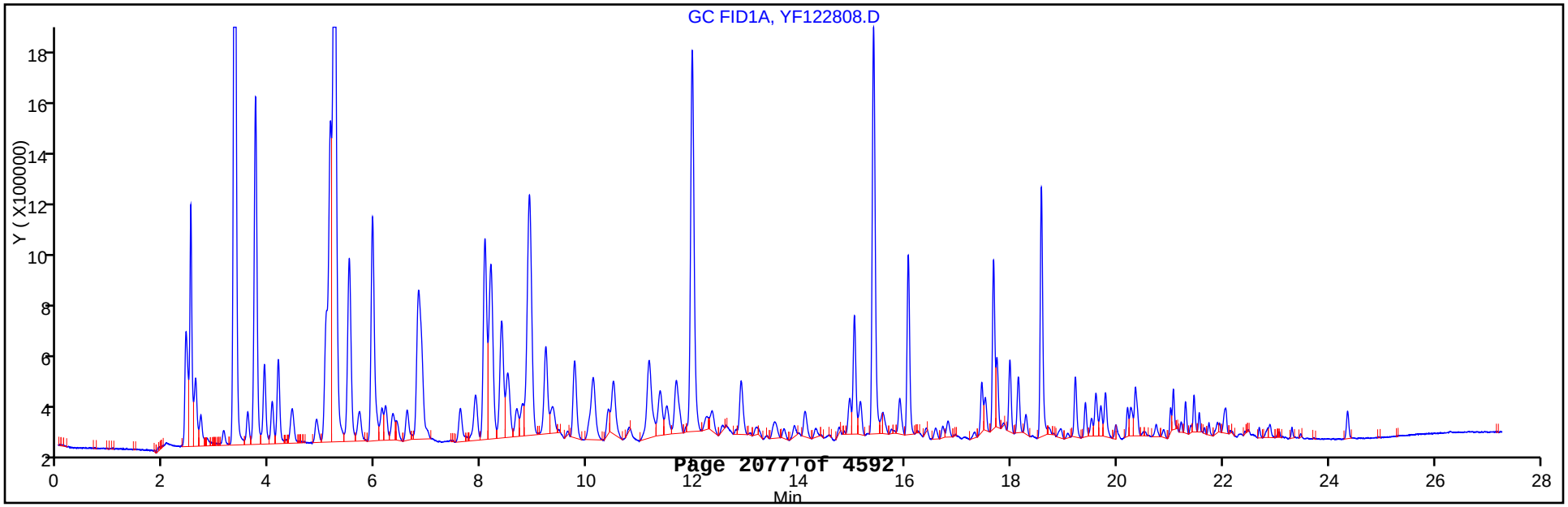
Data File: \\Ncchrom\ChromData\YPID\20121228-16238.b\YF122808.D

Injection Date:	28-Dec-2012 13:32:12	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	70392	Lims Sample ID:	8
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122809.D		
Lims ID:	STD5 GAS	Client ID:	
Inject. Date:	28-Dec-2012 14:10:04	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0016238-009		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	70392	Lims Sample ID:	9
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121228-16238.b\Y80158021.m		
Last Update:	29-Dec-2012 06:32:02	Calib Date:	28-Dec-2012 14:47:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

Compound	Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	2	9.757	9.755	0.002	1551086	11.6	
A 5 C6-C10	2	11.892	4.963 - 18.821		162624413	1133.0	
A 1 C6-C12	2	13.469	4.963 - 21.975		179831720	1104.1	

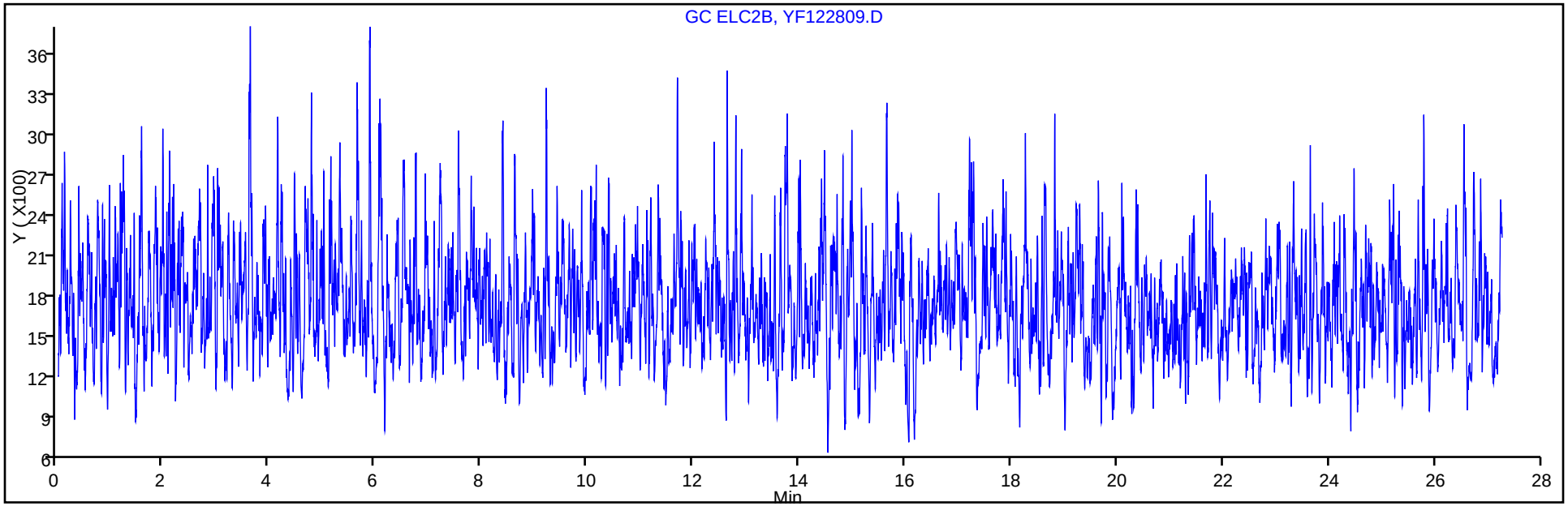
Report Date: 29-Dec-2012 06:32:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

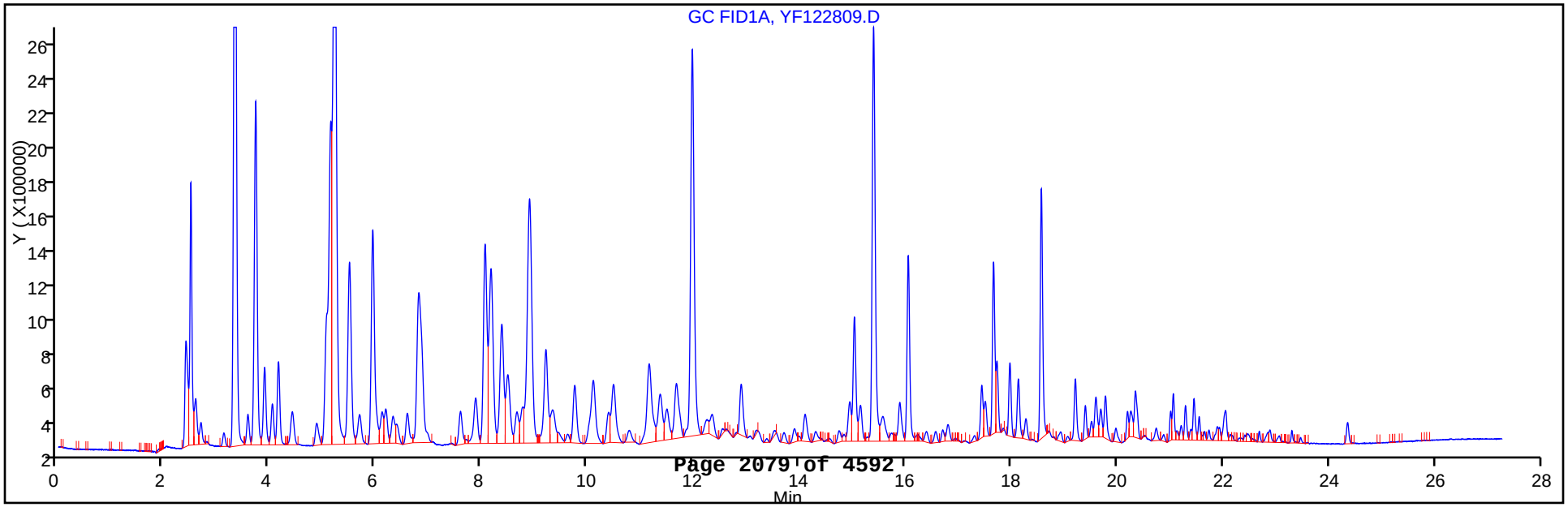
Data File: \\Ncchrom\ChromData\YPID\20121228-16238.b\YF122809.D

Injection Date:	28-Dec-2012 14:10:04	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	70392	Lims Sample ID:	9
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D		
Lims ID:	STD6 GAS	Client ID:	
Inject. Date:	28-Dec-2012 14:47:21	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0016238-010		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	70392	Lims Sample ID:	10
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121228-16238.b\Y80158021.m		
Last Update:	29-Dec-2012 06:32:05	Calib Date:	28-Dec-2012 14:47:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

Compound	Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	2	9.762	9.755	0.007	1626015	12.2	
A 5 C6-C10	2	11.892	4.963 - 18.821		215244603	1499.6	
A 1 C6-C12	2	13.469	4.963 - 21.975		236888136	1454.4	

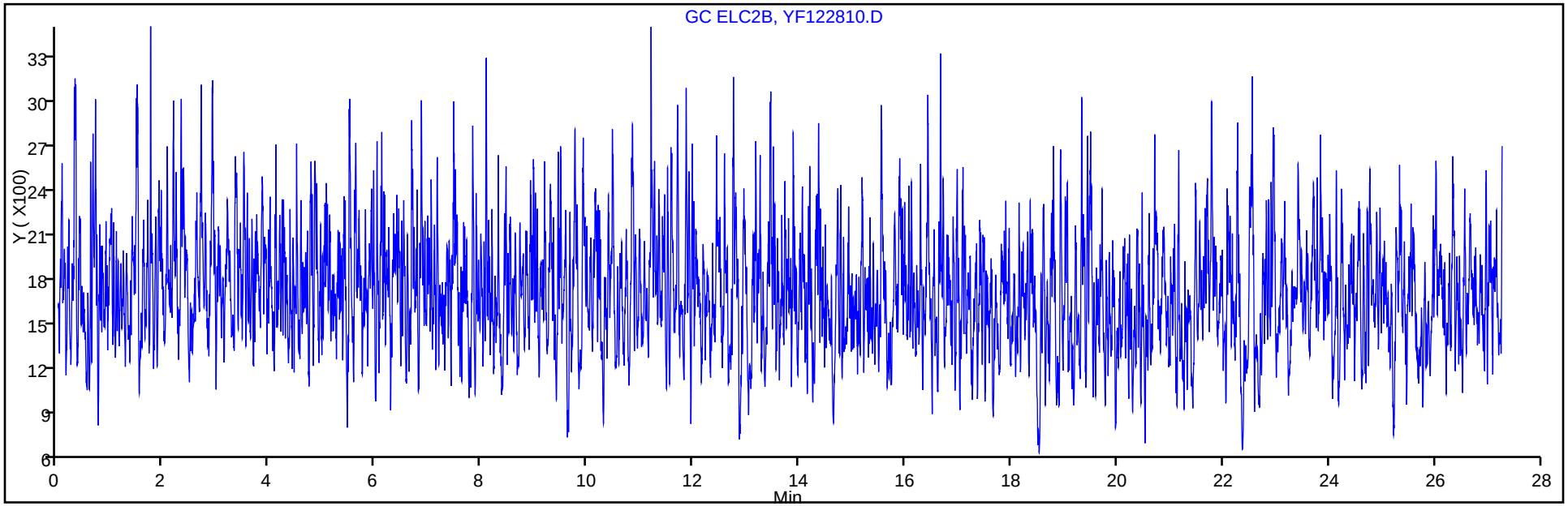
Report Date: 29-Dec-2012 06:32:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

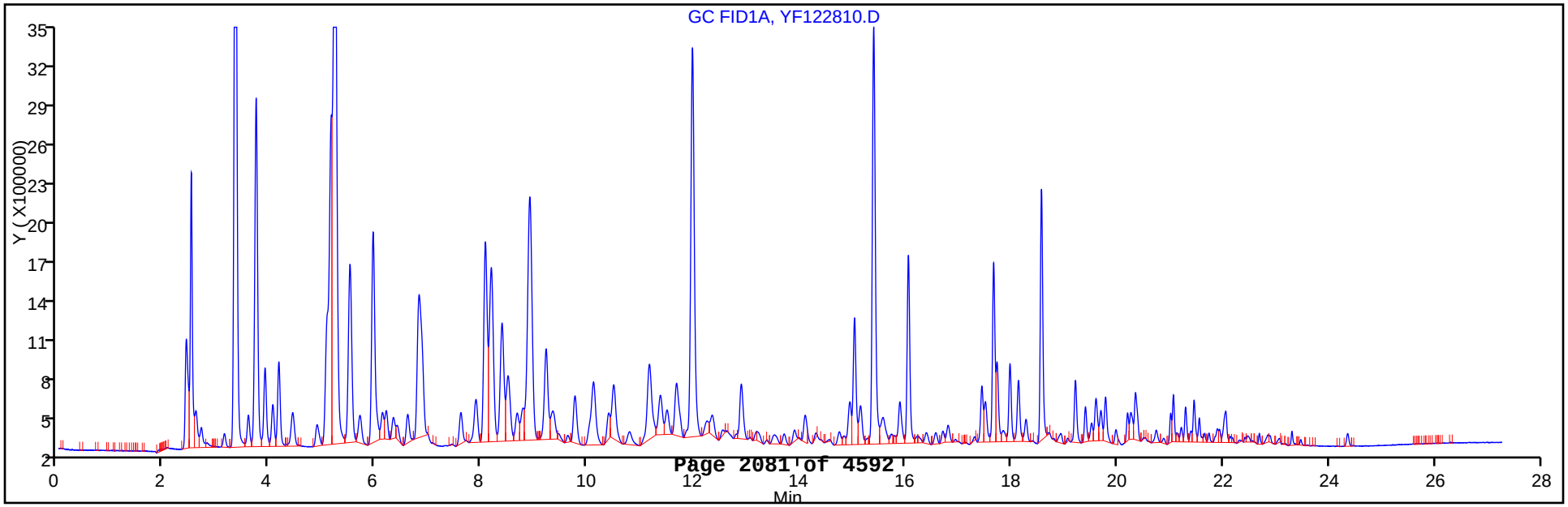
Data File: \\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D

Injection Date:	28-Dec-2012 14:47:21	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	70392	Lims Sample ID:	10
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.: 240-18703-1

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.: 240-18703-1

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

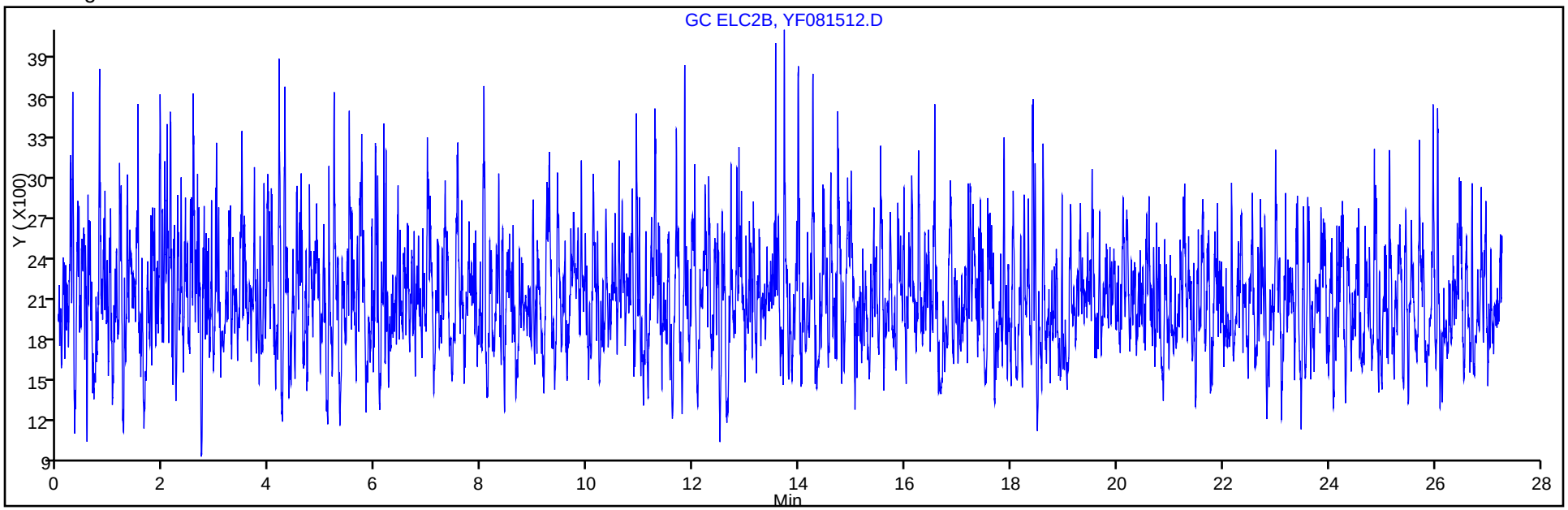
Injection Date: 15-Aug-2012 22:40:41 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

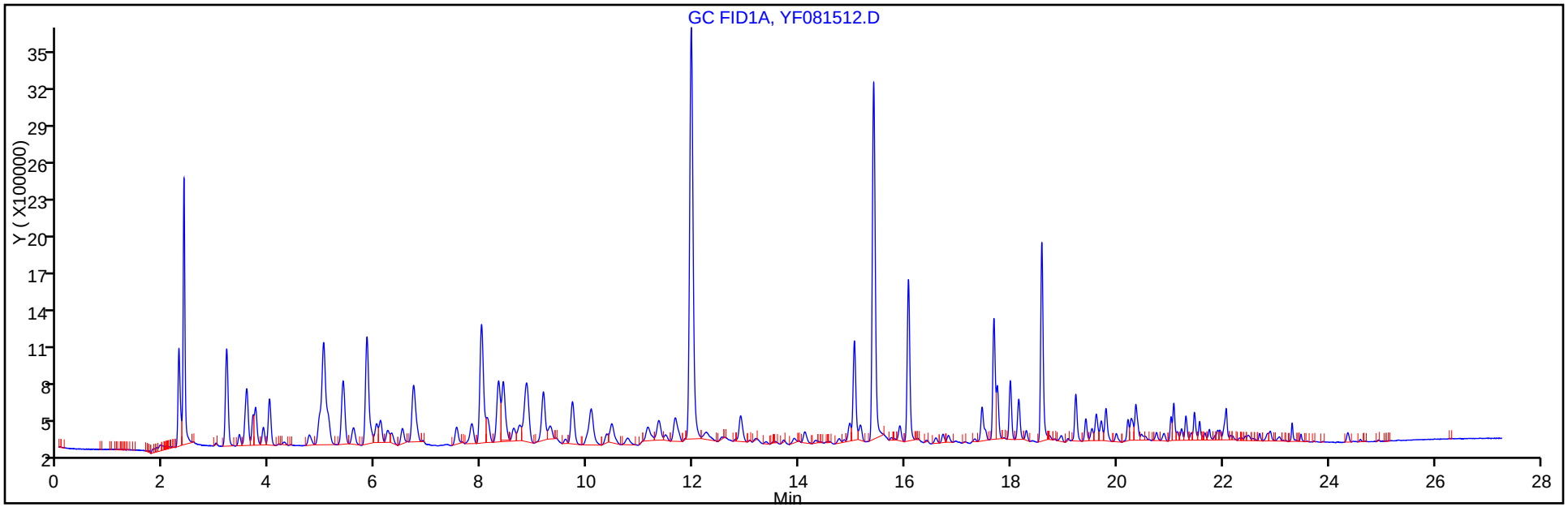
Lims Batch ID: 54511 Lims Sample ID: 12

Operator ID: 1765

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/5 Calibration Date: 12/21/2012 13:05

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: YF122105.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	129576		762	800	-4.7	15.0
C6-C12	Lin		146585		811	800	1.4	15.0
Trifluorotoluene (Surr)	Ave	153716	149144		9.70	10.0	-3.0	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/5 Calibration Date: 12/21/2012 13:05

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: YF122105.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122105.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	21-Dec-2012 13:05:41	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0016087-005		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	5
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:17:27	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:	XAWRK003		

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	1491435	9.70	
A 5 C6-C10	2	11.831	4.901 -	18.760	103660780	762.1	
A 1 C6-C12	2	13.461	5.001 -	21.920	117268370	810.8	

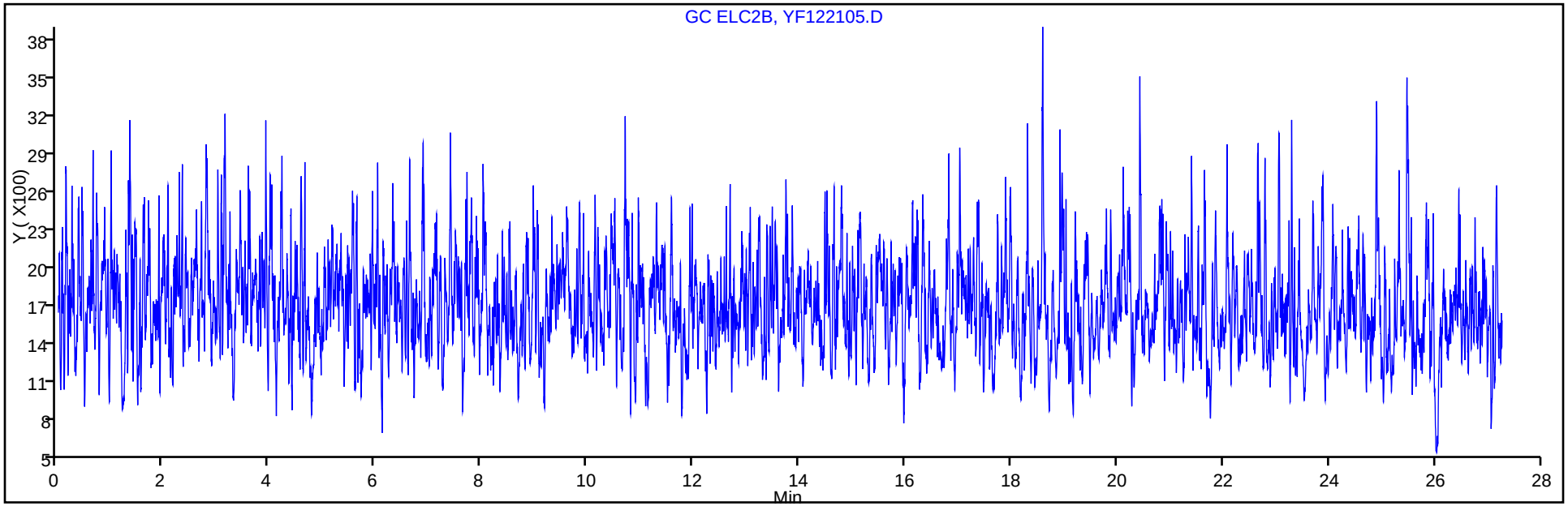
Report Date: 26-Dec-2012 15:17:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

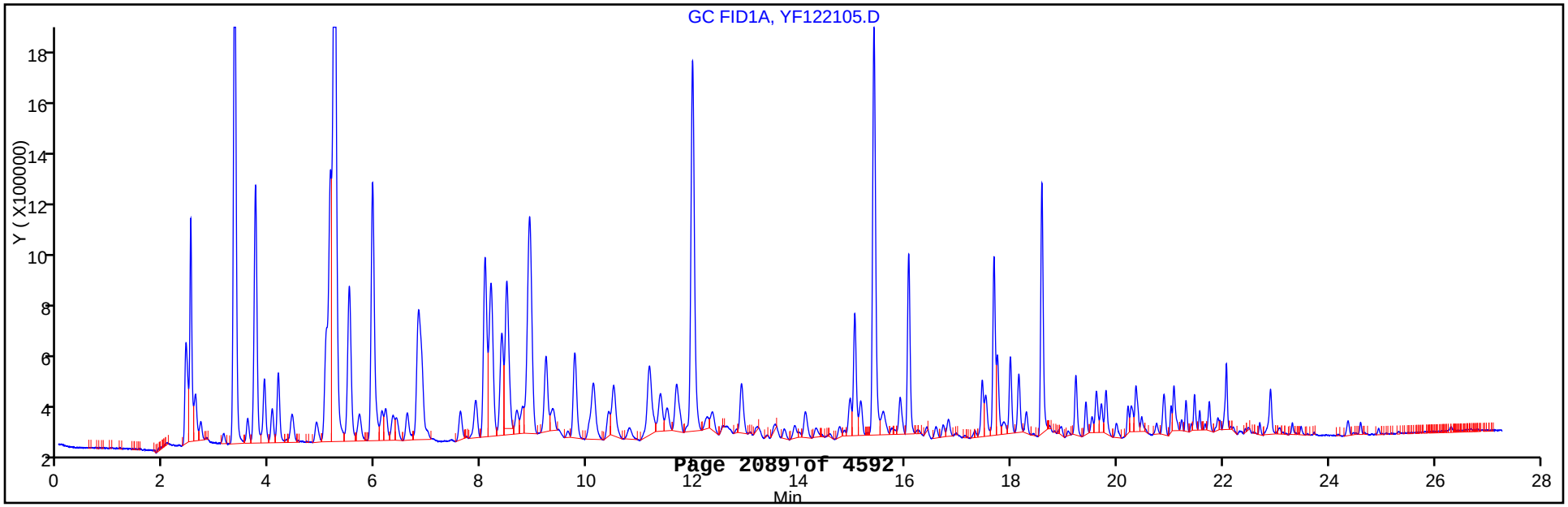
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122105.D

Injection Date:	21-Dec-2012 13:05:41	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/10 Calibration Date: 12/21/2012 16:14

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: YF122110.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	123929		729	800	-8.9	15.0
C6-C12	Lin		143680		794	800	-0.8	15.0
Trifluorotoluene (Surr)	Ave	153716	150916		9.82	10.0	-1.8	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/10 Calibration Date: 12/21/2012 16:14

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: YF122110.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122110.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	21-Dec-2012 16:14:02	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016087-010		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	10
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:17:34	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:	XAWRK003		
First Level Reviewer: bosworthh		Date:	22-Dec-2012 08:33:51

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	1509159	9.82	
A 5 C6-C10	2	11.831	4.901 -	18.760	99143059	728.9	
A 1 C6-C12	2	13.461	5.001 -	21.920	114944011	793.8	

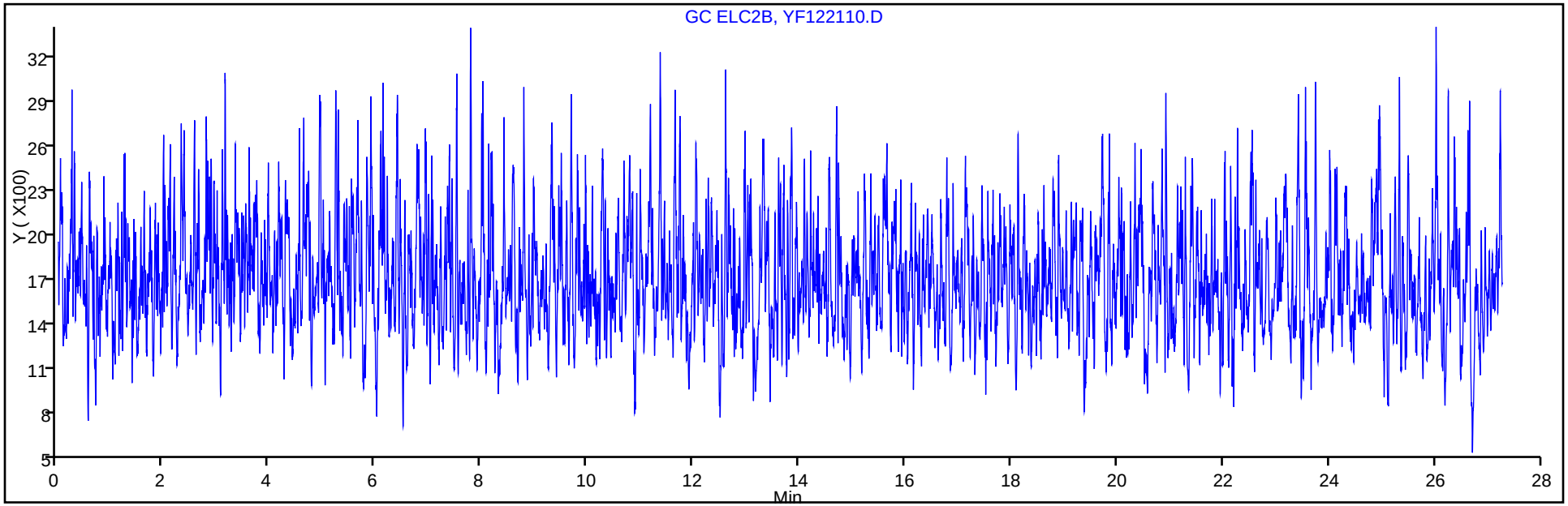
Report Date: 26-Dec-2012 15:17:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

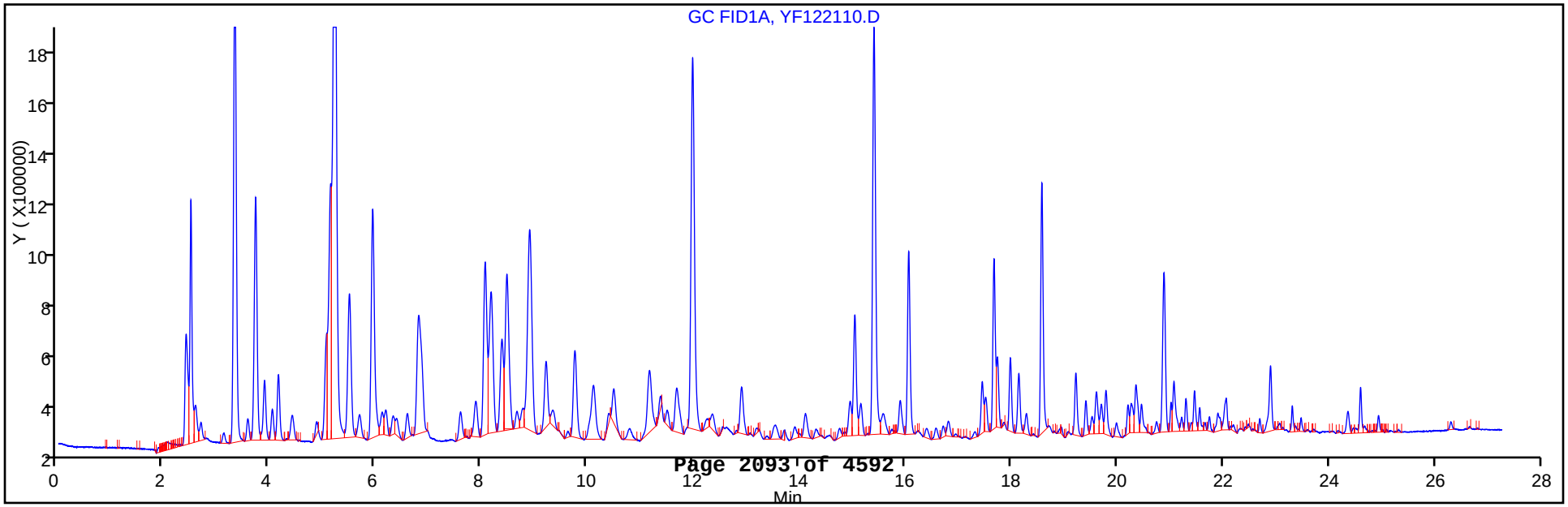
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Injection Date:	21-Dec-2012 16:14:02	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	10
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/34 Calibration Date: 12/22/2012 07:30

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: YF122134.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	122012		718	800	-10.3	15.0
C6-C12	Lin		139088		767	800	-4.1	15.0
Trifluorotoluene (Surr)	Ave	153716	139932		9.10	10.0	-9.0	15.0

FORM VII

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/34 Calibration Date: 12/22/2012 07:30

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: YF122134.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122134.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	22-Dec-2012 07:30:57	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016087-034		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	34
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:18:08	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:	XAWRK003		

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	9.759	9.759	0.0	1399315	9.10	
A 5 C6-C10	2	11.831	4.901 -	18.760	97609915	717.6	
A 1 C6-C12	2	13.461	5.001 -	21.920	111270285	766.8	

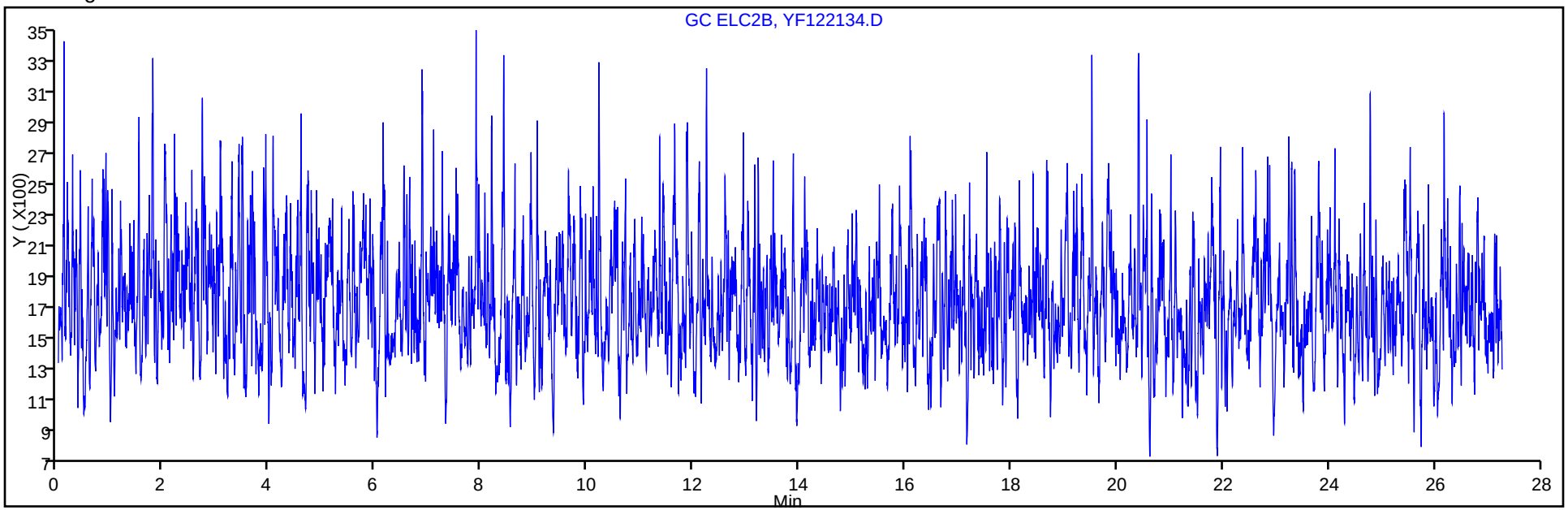
Report Date: 26-Dec-2012 15:18:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

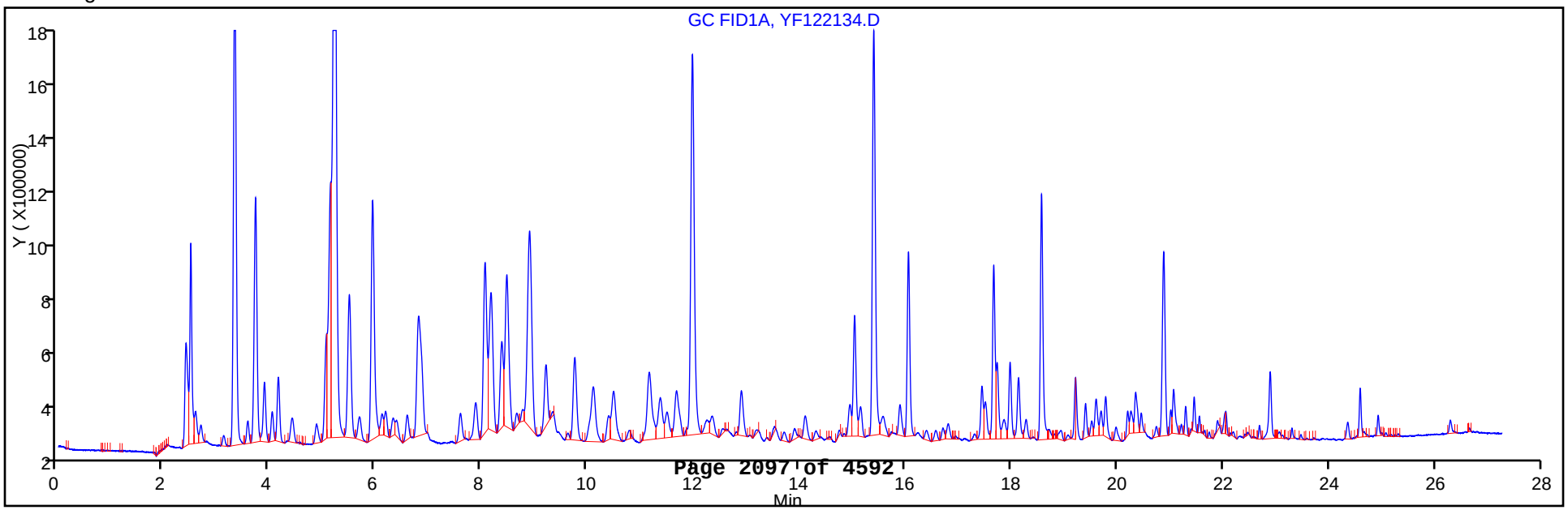
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122134.D

Injection Date:	22-Dec-2012 07:30:57	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	34
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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/45 Calibration Date: 12/22/2012 14:25

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: YF122145.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	120381		708	800	-11.5	15.0
C6-C12	Lin		135638		747	800	-6.7	15.0
Trifluorotoluene (Surr)	Ave	153716	149182		9.71	10.0	-2.9	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/45 Calibration Date: 12/22/2012 14:25

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: YF122145.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122145.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	22-Dec-2012 14:25:29	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016087-045		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	45
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:28	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:	XAWRK003		

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	1491818	9.71	
A 5 C6-C10	2	11.831	4.901 -	18.760	96304427	708.0	
A 1 C6-C12	2	13.461	5.001 -	21.920	108510319	746.6	

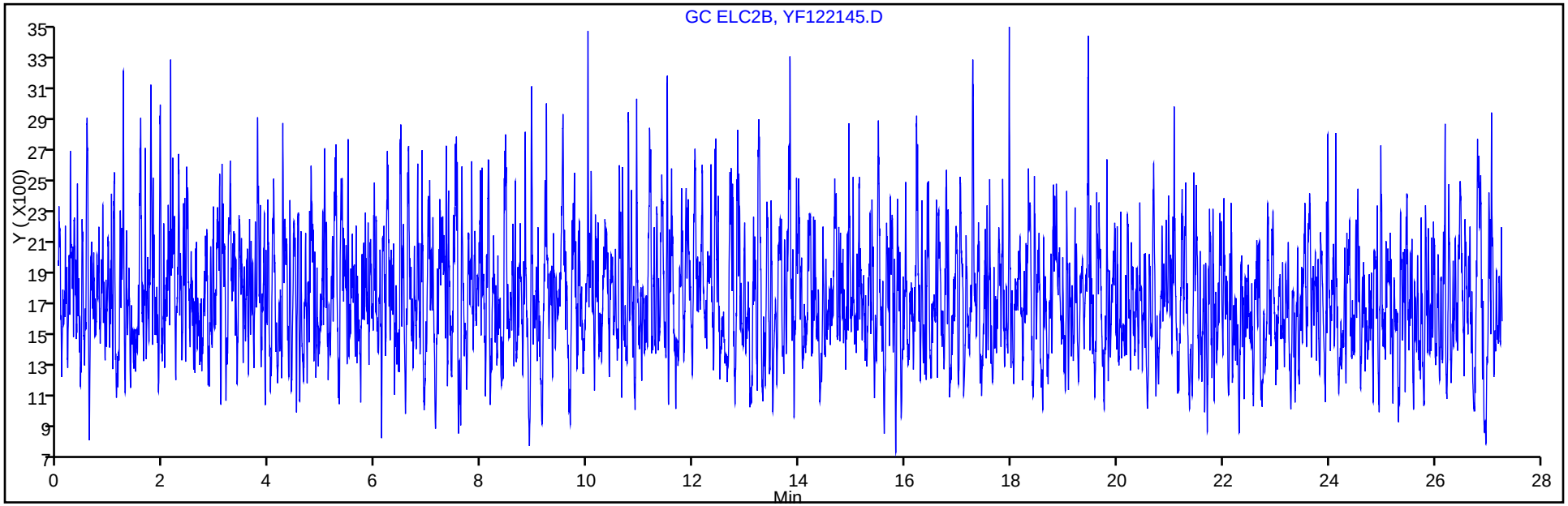
Report Date: 26-Dec-2012 15:23:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

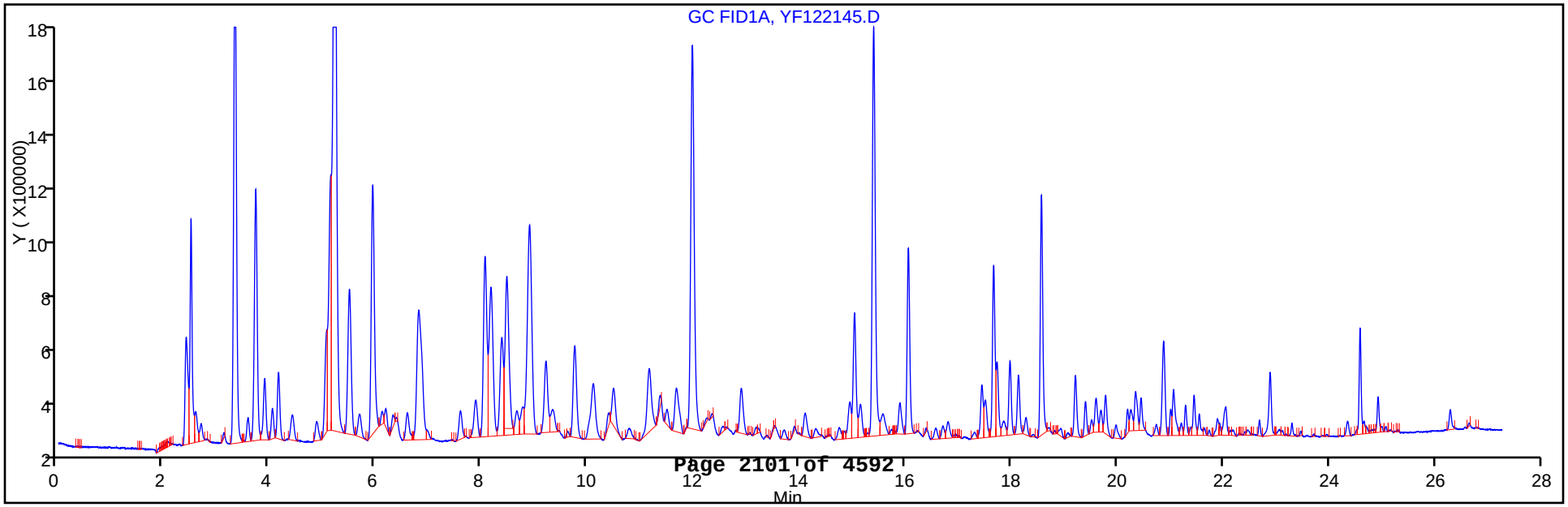
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122145.D

Injection Date:	22-Dec-2012 14:25:29	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	45
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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/50 Calibration Date: 12/22/2012 17:35

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: YF122150.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	119977		706	800	-11.8	15.0
C6-C12	Lin		134136		738	800	-7.8	15.0
Trifluorotoluene (Surr)	Ave	153716	144969		9.43	10.0	-5.7	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/50 Calibration Date: 12/22/2012 17:35

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: YF122150.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122150.D
Lims ID: CCV GAS Client ID:
Inject. Date: 22-Dec-2012 17:35:13 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016087-050
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 50
Sublist: chrom-Y80158021*sub7
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:34 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: XAWRK003

First Level Reviewer: bosworthh Date: 24-Dec-2012 06:47:10

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	1449688	9.43	M
A 5 C6-C10	2	11.831	4.901 -	18.760	95981288	705.6	
A 1 C6-C12	2	13.461	5.001 -	21.920	107309195	737.8	

QC Flag Legend

Review Flags
M - Manually Integrated

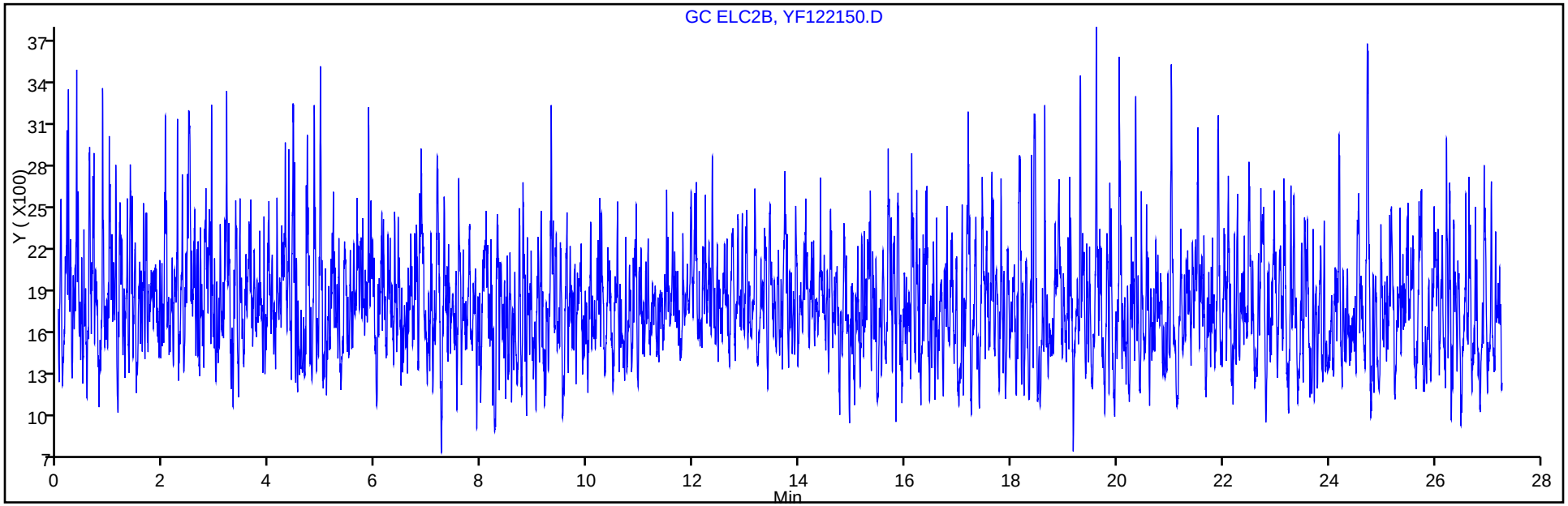
Report Date: 26-Dec-2012 15:23:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

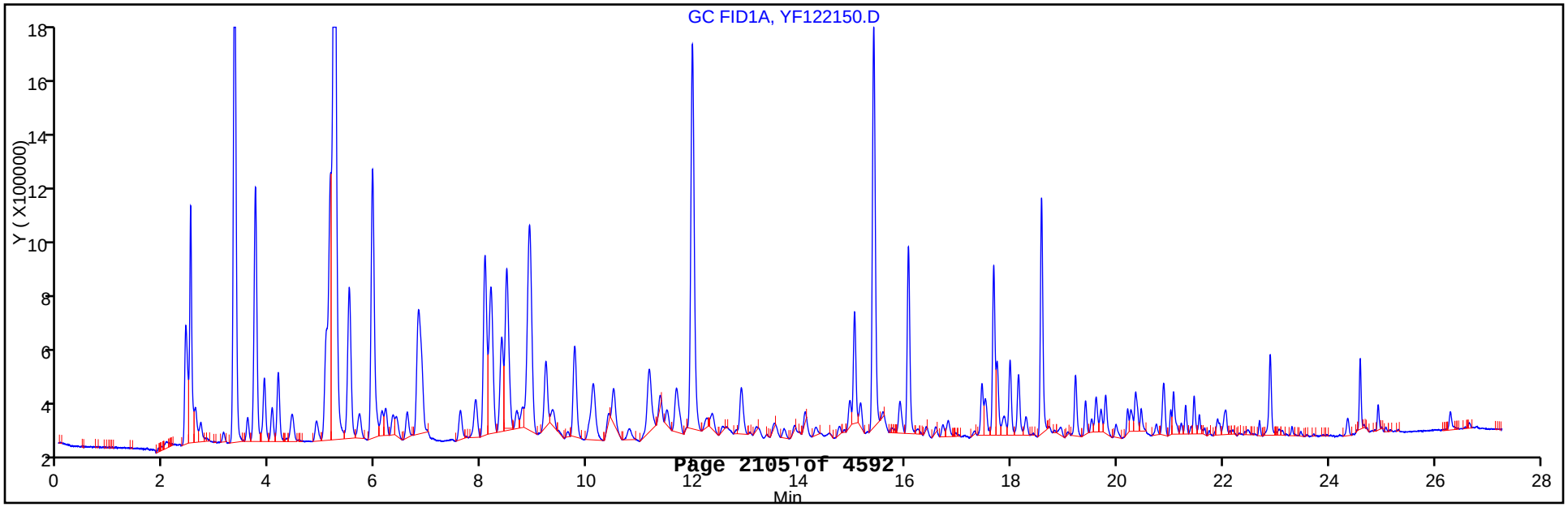
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Injection Date:	22-Dec-2012 17:35:13	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	50
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

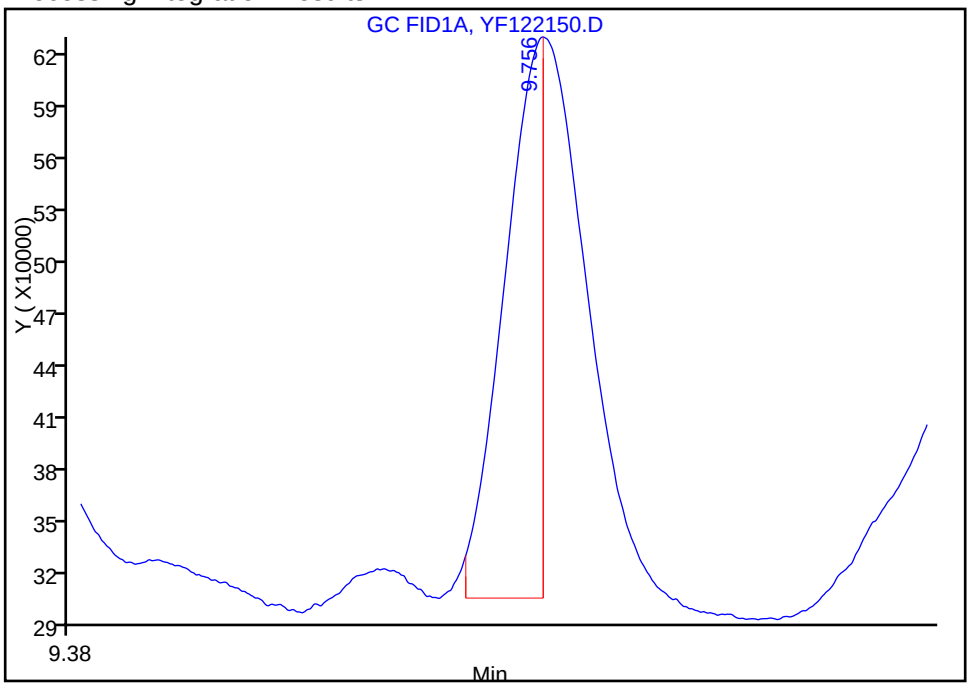
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122150.D		
Injection Date:	22-Dec-2012 17:35:13	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	50
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

$ 16 Trifluorotoluene (Surr), Signal: 1, Type: quant, RT: 9.76, Det: GC FID1A

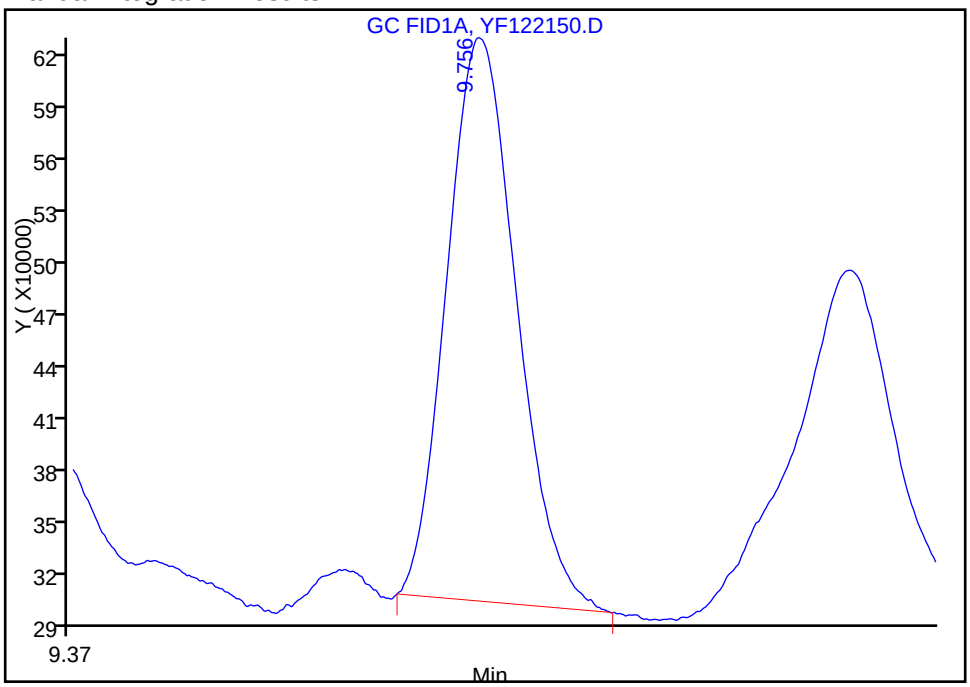
Processing Integration Results

RT: 9.76
Response: 649352
Amount: 4.224369



Manual Integration Results

RT: 9.76
Response: 1449688
Amount: 9.430967



Reviewer: bosworthh, 24-Dec-2012 06:47:10
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/61 Calibration Date: 12/23/2012 00:38

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: YF122161.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	118261		696	800	-13.1	15.0
C6-C12	Lin		132246		727	800	-9.2	15.0
Trifluorotoluene (Surr)	Ave	153716	139439		9.07	10.0	-9.3	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/61 Calibration Date: 12/23/2012 00:38

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: YF122161.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122161.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	23-Dec-2012 00:38:20	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016087-061		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	61
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:23:46	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:	XAWRK003		
First Level Reviewer: bosworthh		Date:	24-Dec-2012 06:48:33

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	1394394	9.07	
A 5 C6-C10	2	11.831	4.901 -	18.760	94608599	695.5	
A 1 C6-C12	2	13.461	5.001 -	21.920	105797102	726.7	

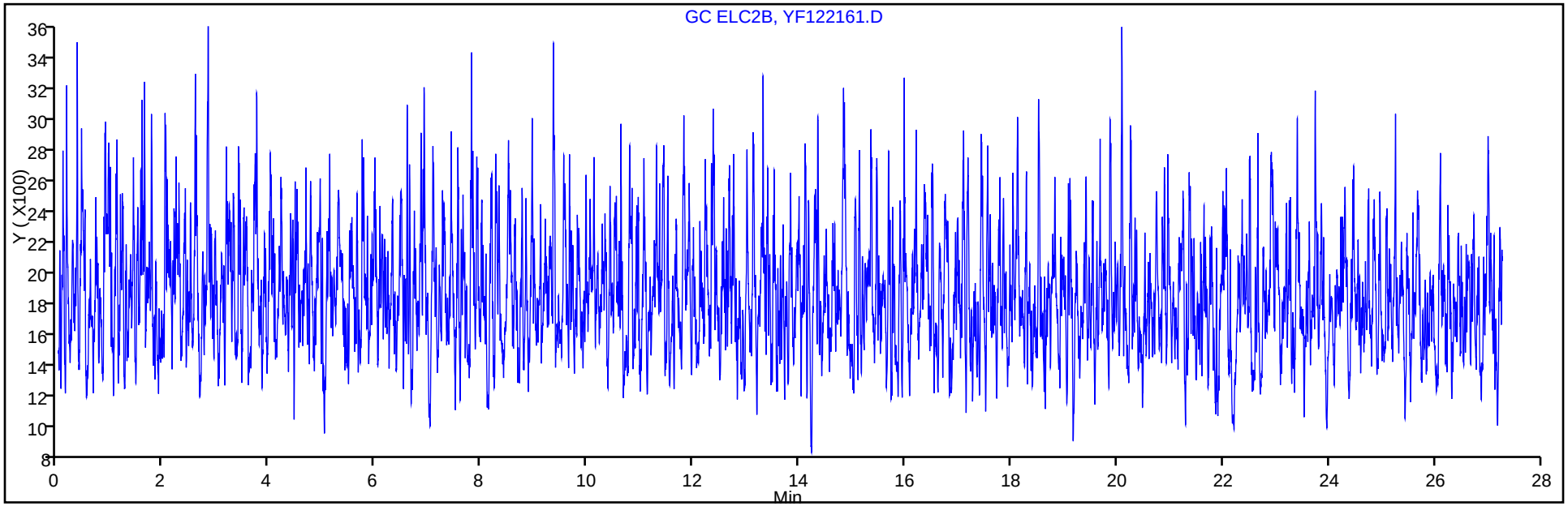
Report Date: 26-Dec-2012 15:23:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

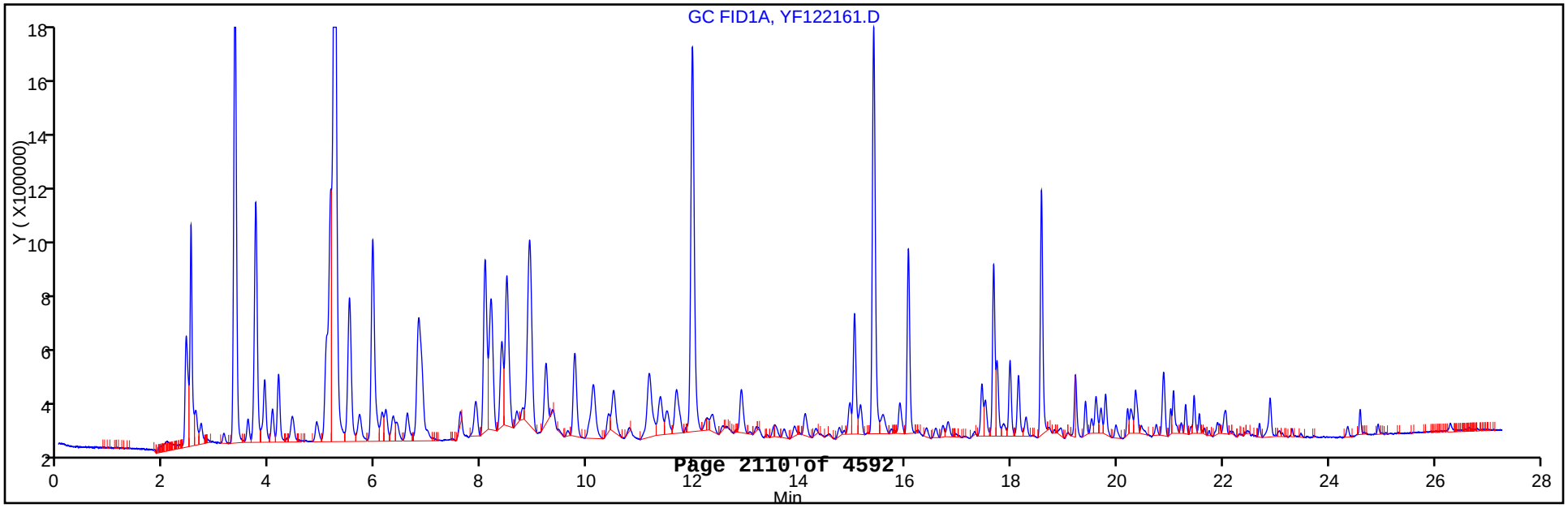
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122161.D

Injection Date:	23-Dec-2012 00:38:20	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	61
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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/71 Calibration Date: 12/23/2012 06:55

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: YF122171.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	121596		715	800	-10.6	15.0
C6-C12	Lin		135835		748	800	-6.5	15.0
Trifluorotoluene (Surr)	Ave	153716	139982		9.11	10.0	-8.9	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/71 Calibration Date: 12/23/2012 06:55

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: YF122171.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122171.D
Lims ID: CCV GAS Client ID:
Inject. Date: 23-Dec-2012 06:55:16 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016087-071
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 71
Sublist: chrom-Y80158021*sub7
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:58 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: XAWRK003

First Level Reviewer: bosworthh Date: 24-Dec-2012 06:51:52

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	9.759	9.759	0.0	1399820	9.11	M
A 5 C6-C10	2	11.831	4.901 -	18.760	97276662	715.2	
A 1 C6-C12	2	13.461	5.001 -	21.920	108667881	747.7	

QC Flag Legend

Review Flags
M - Manually Integrated

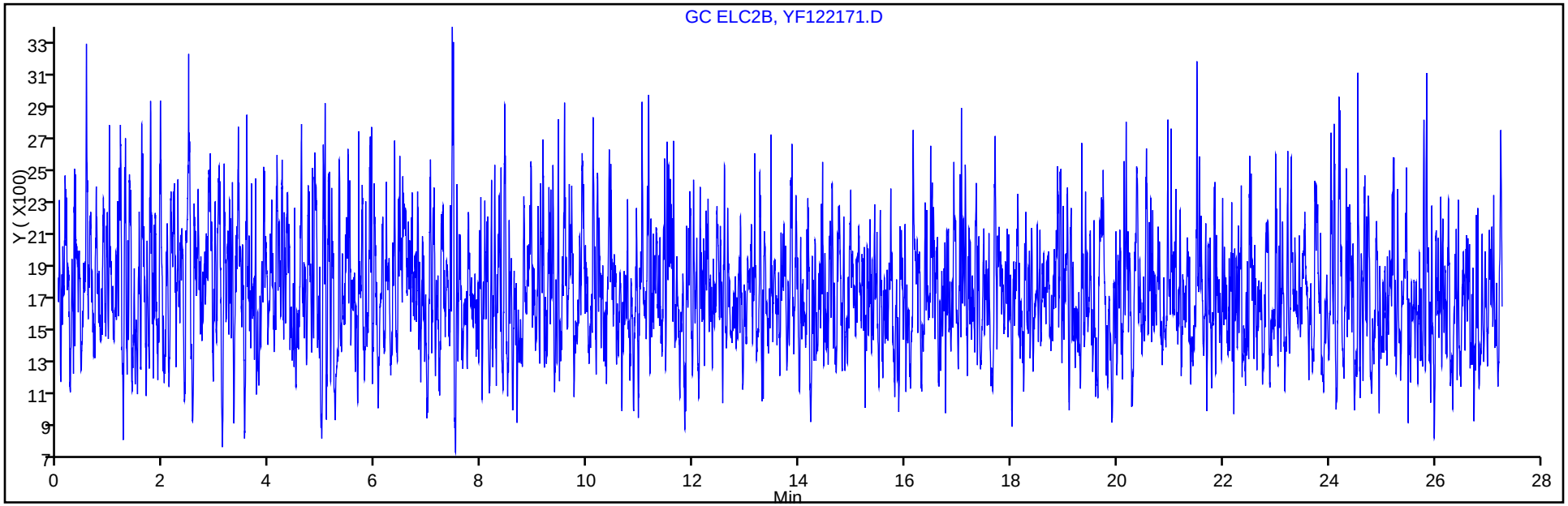
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TestAmerica Canton

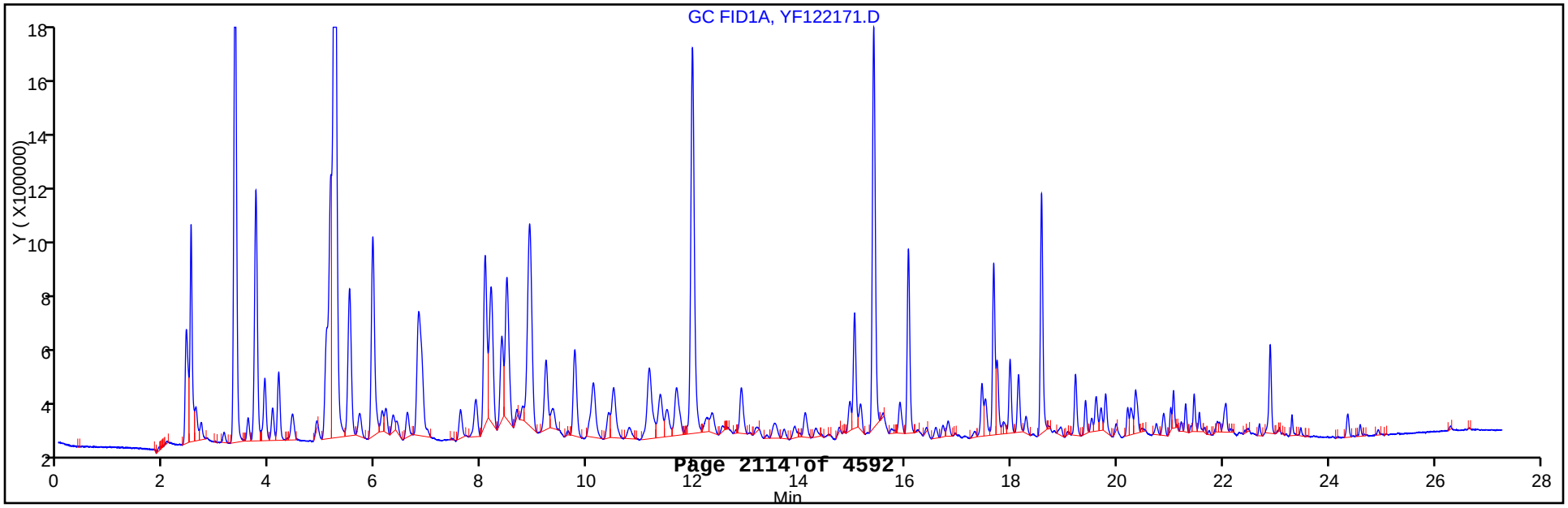
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Injection Date:	23-Dec-2012 06:55:16	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	71
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

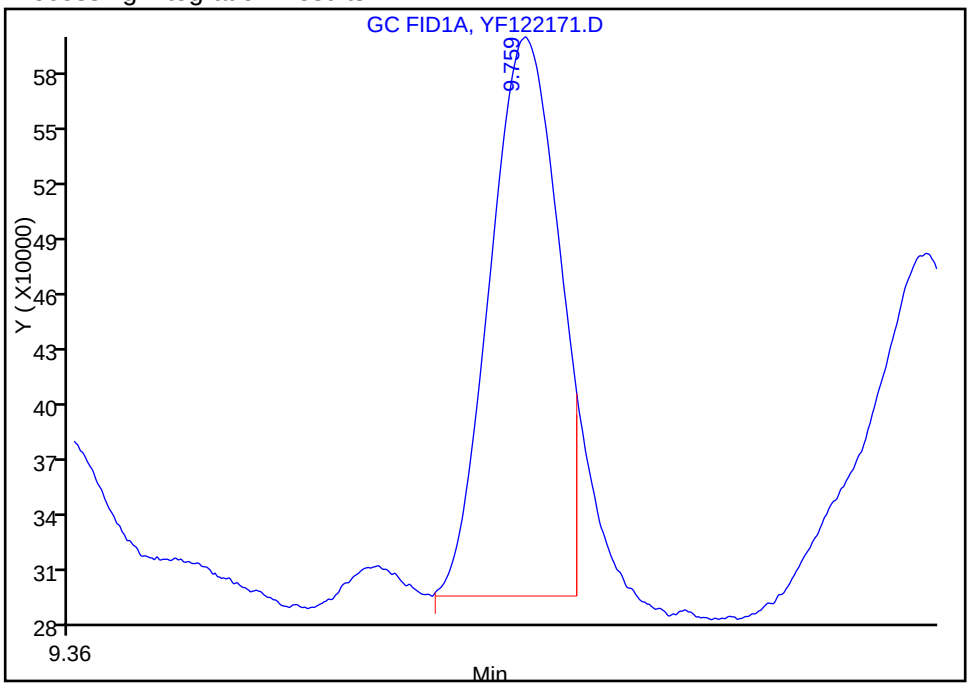
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122171.D		
Injection Date:	23-Dec-2012 06:55:16	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	71
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

$ 16 Trifluorotoluene (Surr), Signal: 1, Type: quant, RT: 9.76, Det: GC FID1A

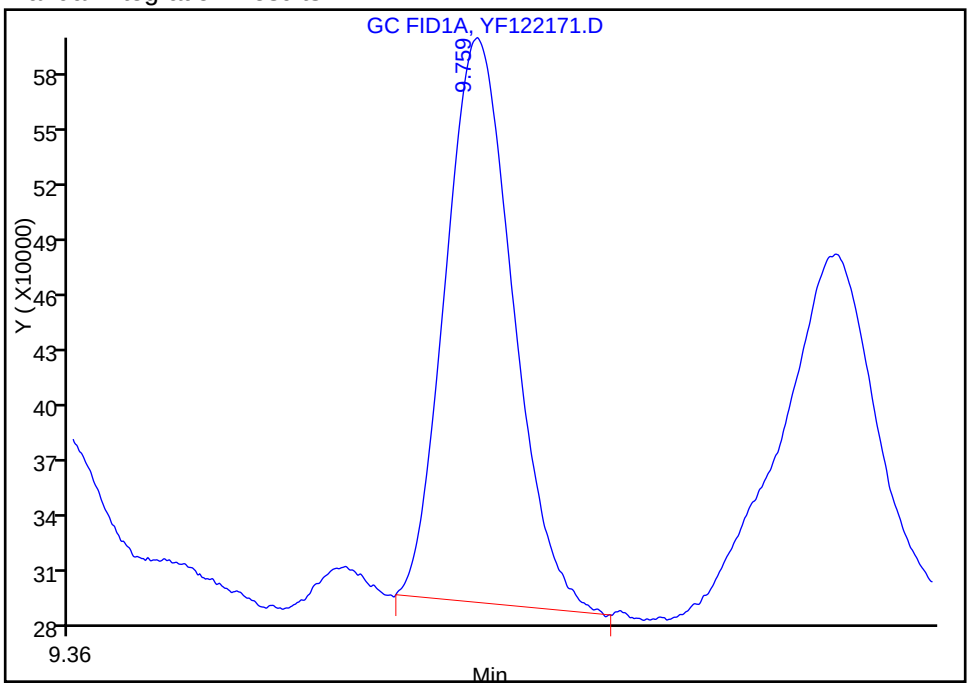
Processing Integration Results

RT: 9.76
Response: 1239838
Amount: 8.065785



Manual Integration Results

RT: 9.76
Response: 1399820
Amount: 9.106550



Reviewer: bosworthh, 24-Dec-2012 06:51:52
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/75 Calibration Date: 12/23/2012 09:27

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: YF122175.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	122627		721	800	-9.8	15.0
C6-C12	Lin		138230		762	800	-4.8	15.0
Trifluorotoluene (Surr)	Ave	153716	147689		9.61	10.0	-3.9	15.0

FORM VII

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69738/75 Calibration Date: 12/23/2012 09:27

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: YF122175.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.83	4.90	18.76
C6-C12	13.46	5.00	21.92
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121221-16087.b\YF122175.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	23-Dec-2012 09:27:02	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016087-075		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69738	Lims Sample ID:	75
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m		
Last Update:	26-Dec-2012 15:24:04	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:	XAWRK003		

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	1476887	9.61	
A 5 C6-C10	2	11.831	4.901 -	18.760	98101349	721.2	
A 1 C6-C12	2	13.461	5.001 -	21.920	110583737	761.8	

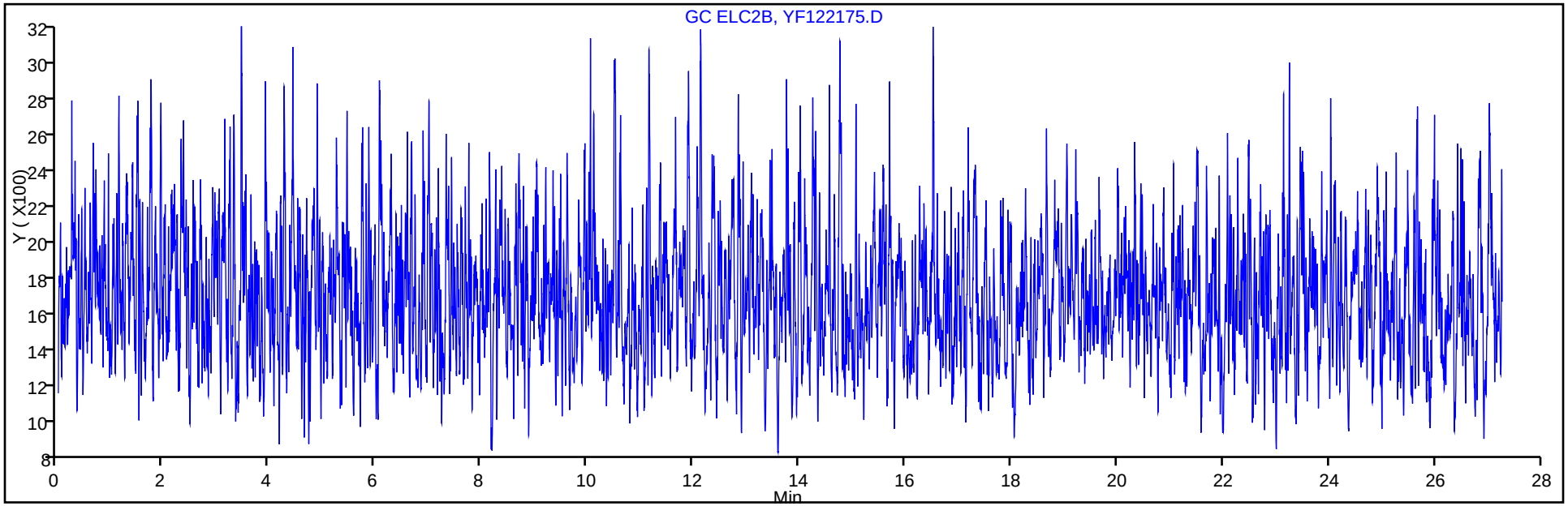
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TestAmerica Canton

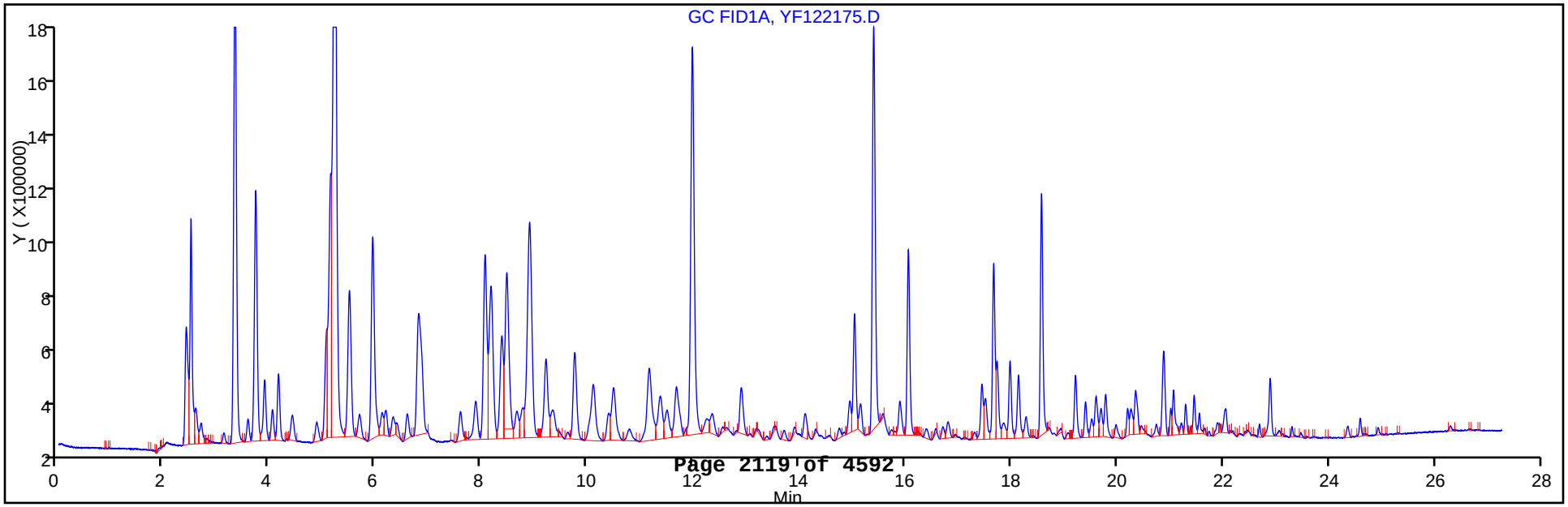
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122175.D

Injection Date:	23-Dec-2012 09:27:02	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	75
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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69965/4 Calibration Date: 12/24/2012 09:48

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: YF122404.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	130916		770	800	-3.8	15.0
C6-C12	Lin		147557		817	800	2.1	15.0
Trifluorotoluene (Surr)	Ave	153716	149904		9.75	10.0	-2.5	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69965/4 Calibration Date: 12/24/2012 09:48

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: YF122404.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.81	4.88	18.74
C6-C12	13.49	4.98	22.00
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121224-16140.b\YF122404.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	24-Dec-2012 09:48:52	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0016140-004		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69965	Lims Sample ID:	4
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121224-16140.b\Y80158021.m		
Last Update:	28-Dec-2012 12:21:30	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:	XAWRK035		
First Level Reviewer: bolgrind		Date:	24-Dec-2012 10:42:58

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	1499041	9.75	
A 5 C6-C10	2	11.807	4.878 -	18.735	104732997	770.0	
A 1 C6-C12	2	13.487	4.978 -	21.997	118045210	816.5	

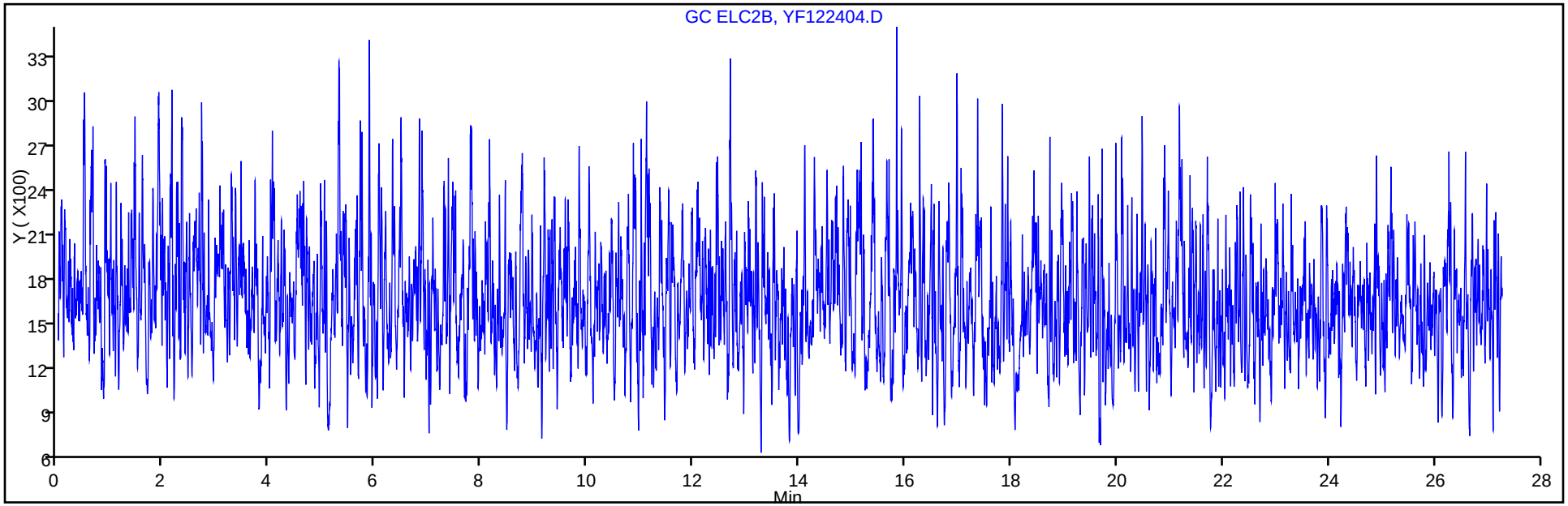
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TestAmerica Canton

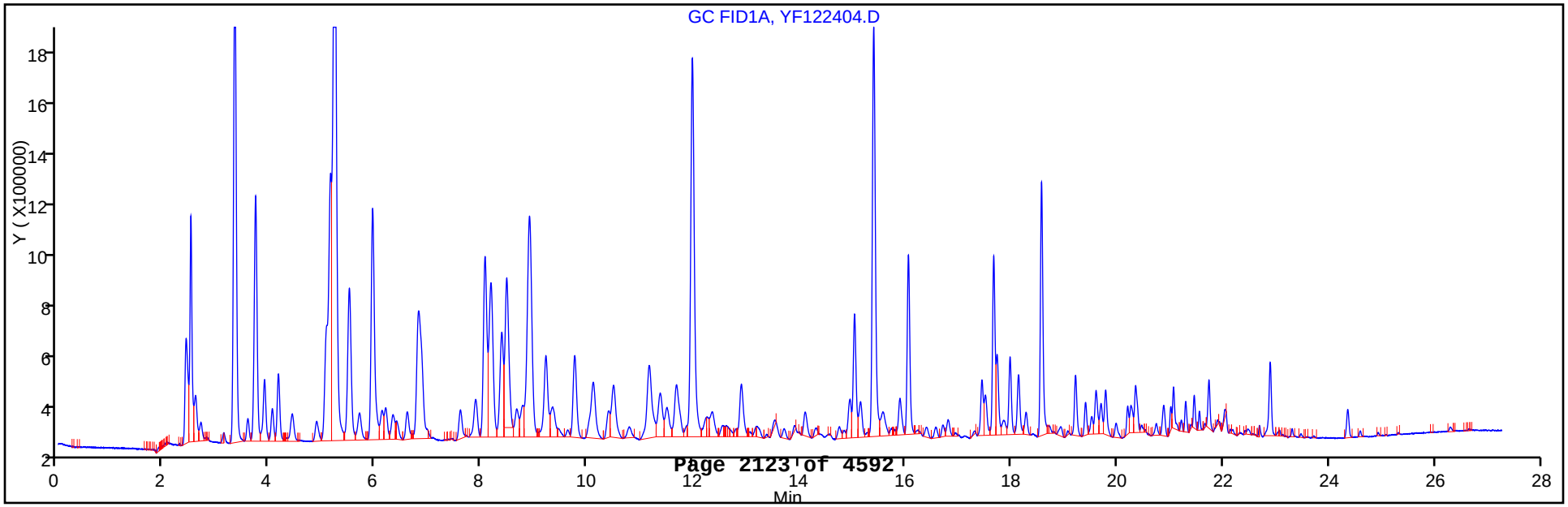
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Injection Date:	24-Dec-2012 09:48:52	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69965	Lims Sample ID:	4
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69965/14 Calibration Date: 12/24/2012 16:06

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: YF122414.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	124871		734	800	-8.2	15.0
C6-C12	Lin		139873		771	800	-3.6	15.0
Trifluorotoluene (Surr)	Ave	153716	28164		1.83	10.0	-81.7*	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69965/14 Calibration Date: 12/24/2012 16:06

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: YF122414.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.81	4.88	18.74
C6-C12	13.49	4.98	22.00
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121224-16140.b\YF122414.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	24-Dec-2012 16:06:27	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016140-014		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	69965	Lims Sample ID:	14
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121224-16140.b\Y80158021.m		
Last Update:	28-Dec-2012 12:21:42	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:	XAWRK035		

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	9.761	9.761	0.0	281641	1.83	
A 5 C6-C10	2	11.807	4.878 -	18.735	99896588	734.4	
A 1 C6-C12	2	13.487	4.978 -	21.997	111898798	771.4	

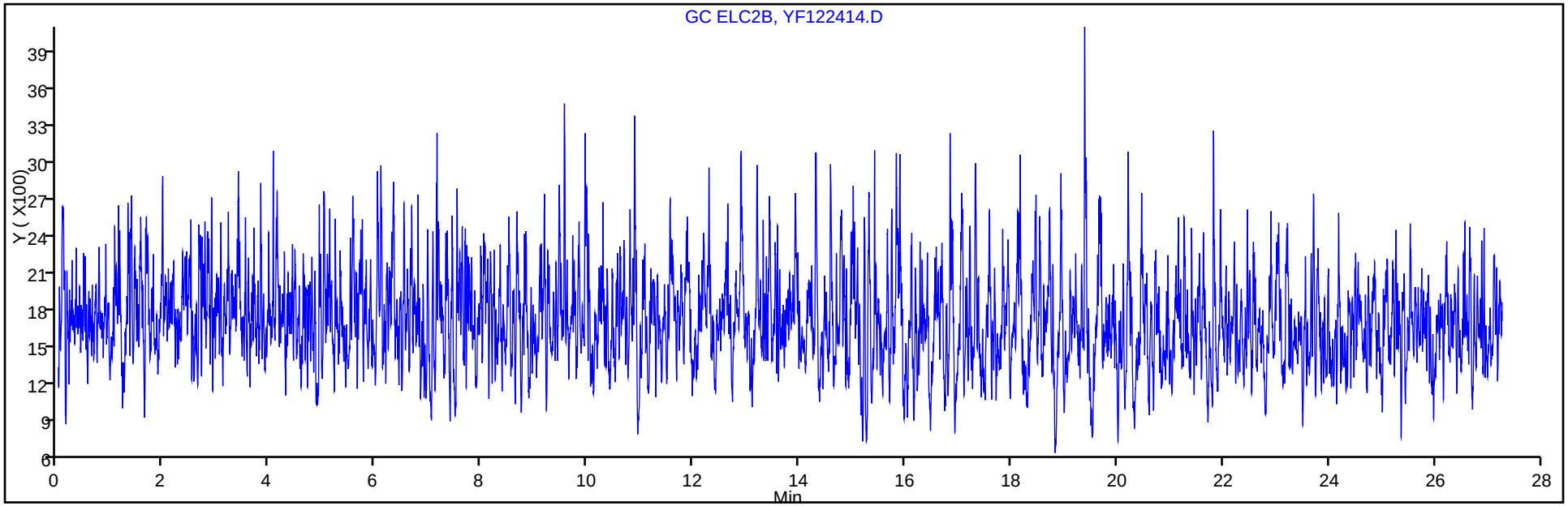
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TestAmerica Canton

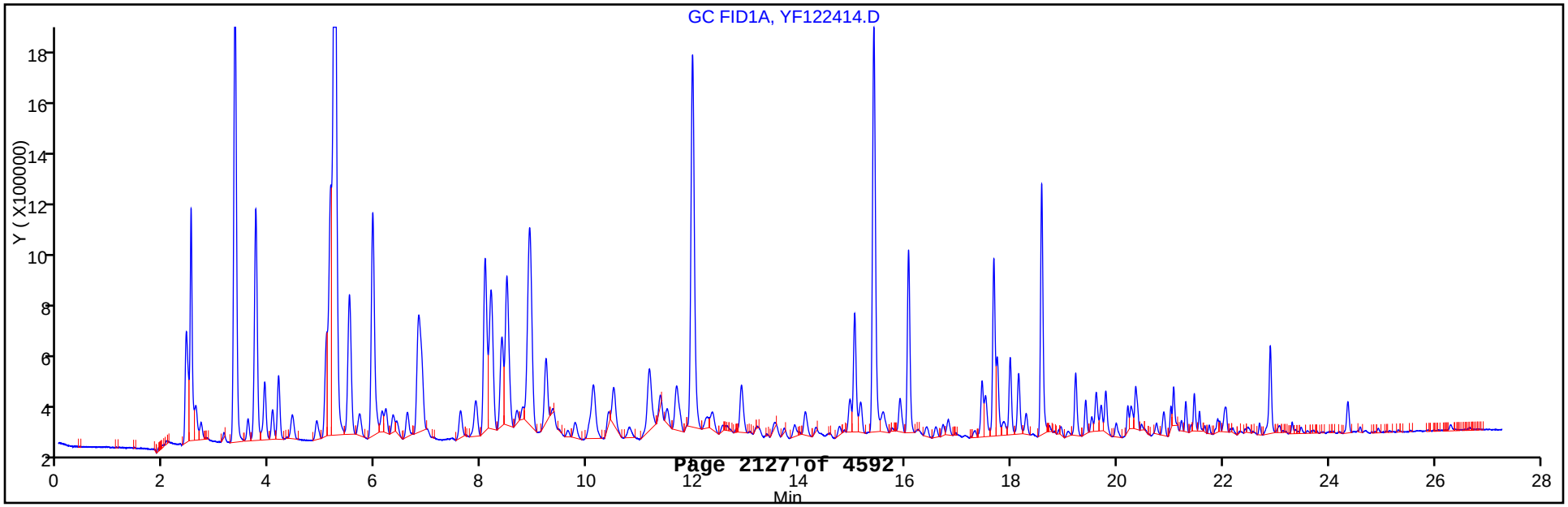
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Injection Date:	24-Dec-2012 16:06:27	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69965	Lims Sample ID:	14
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-70392/11 Calibration Date: 12/28/2012 15:24

Instrument ID: YPID Calib Start Date: 12/28/2012 11:38

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 12/28/2012 14:47

Lab File ID: YF122811.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	143534	132336		738	800	-7.8	20.0
C6-C12	Ave	162879	153450		754	800	-5.8	20.0
Trifluorotoluene (Surr)	Ave	133479	139032		10.4	10.0	4.2	20.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: ICV 240-70392/11 Calibration Date: 12/28/2012 15:24

Instrument ID: YPID Calib Start Date: 12/28/2012 11:38

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 12/28/2012 14:47

Lab File ID: YF122811.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.89	4.96	18.82
C6-C12	13.47	4.96	21.98
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122811.D		
Lims ID:	ICV GAS	Client ID:	
Inject. Date:	28-Dec-2012 15:24:55	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	240-0016238-011		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	70392	Lims Sample ID:	11
Sublist:			
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121228-16238.b\Y80158021.m		
Last Update:	29-Dec-2012 06:32:05	Calib Date:	28-Dec-2012 14:47:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

Compound	Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	2	9.760	9.755	0.005	1390321	10.4	
A 5 C6-C10	2	11.892	4.963 - 18.821		105868878	737.6	
A 1 C6-C12	2	13.469	4.963 - 21.975		122760148	753.7	

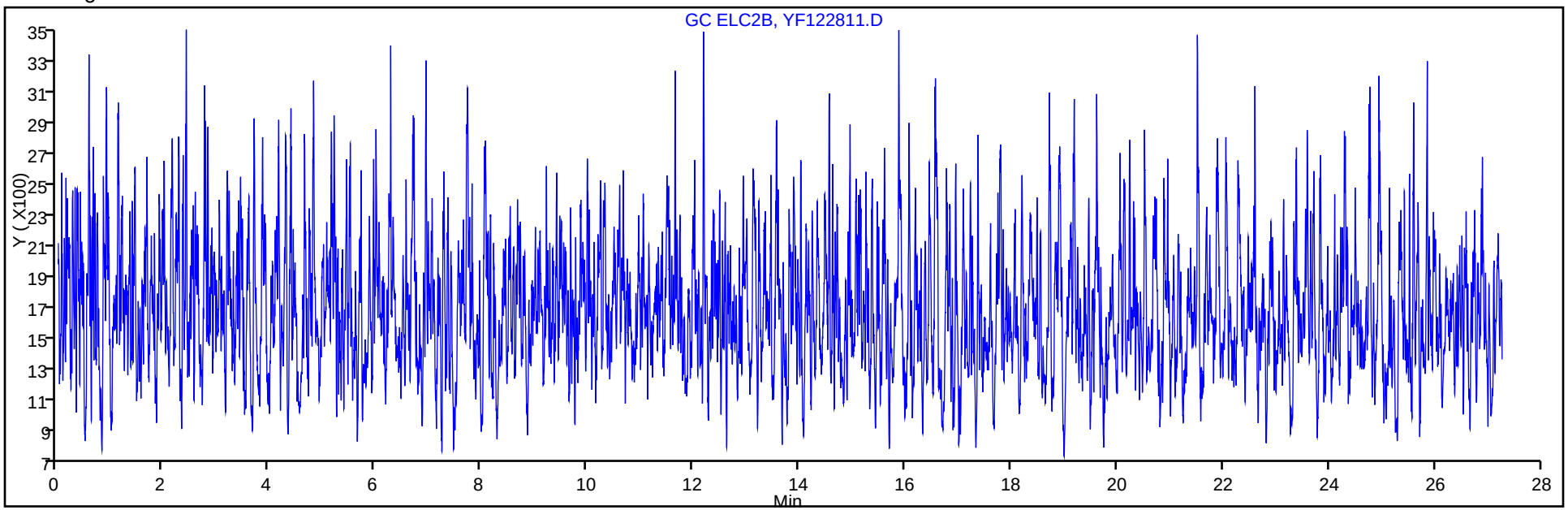
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TestAmerica Canton

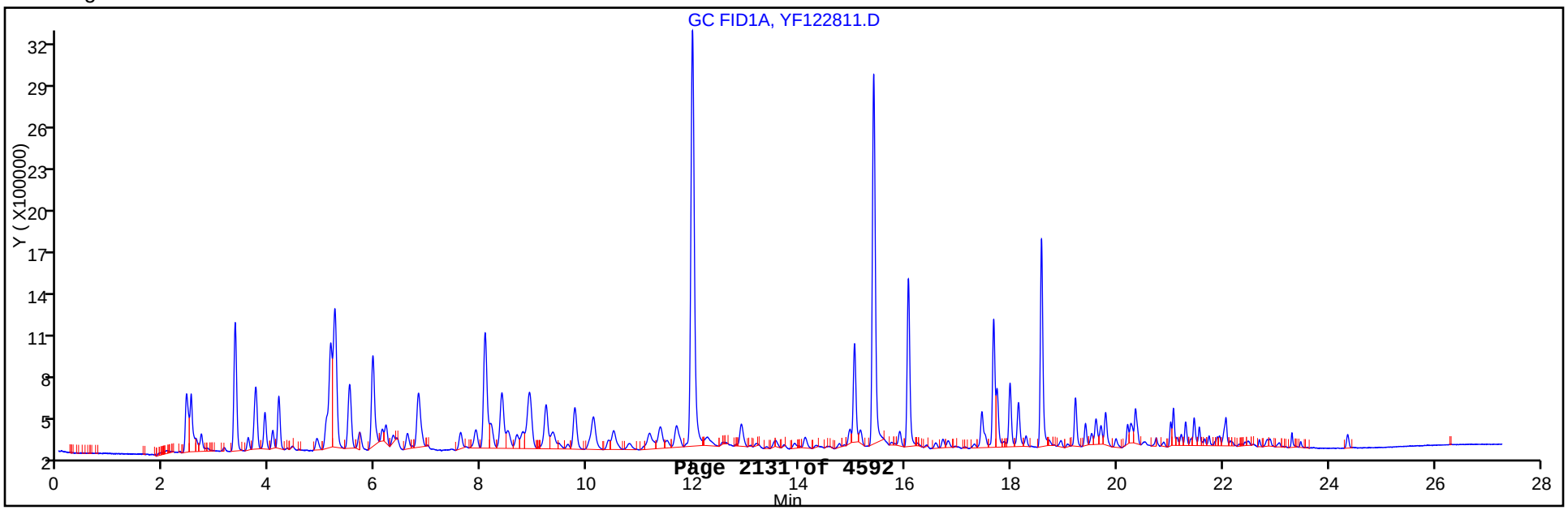
Data File: \\Ncchrom\ChromData\YPID\20121228-16238.b\YF122811.D

Injection Date:	28-Dec-2012 15:24:55	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	70392	Lims Sample ID:	11
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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70834/5 Calibration Date: 01/02/2013 12:35

Instrument ID: YPID Calib Start Date: 12/28/2012 11:38

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 12/28/2012 14:47

Lab File ID: YF010205.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	143534	145912		813	800	1.7	15.0
C6-C12	Ave	162879	162132		796	800	-0.5	15.0
Trifluorotoluene (Surr)	Ave	133479	128130		9.60	10.0	-4.0	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70834/5 Calibration Date: 01/02/2013 12:35

Instrument ID: YPID Calib Start Date: 12/28/2012 11:38

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 12/28/2012 14:47

Lab File ID: YF010205.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.92	5.01	18.82
C6-C12	13.50	5.01	21.99
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20130102-16337.b\YF010205.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	02-Jan-2013 12:35:50	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0016337-005		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	70834	Lims Sample ID:	5
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20130102-16337.b\Y80158021.m		
Last Update:	03-Jan-2013 15:31:18	Calib Date:	28-Dec-2012 14:47:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK024		

Compound	Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	2	9.756	9.756	0.0	1281304	9.60	
A 5 C6-C10	2	11.916	5.011 - 18.821		116729270	813.3	
A 1 C6-C12	2	13.502	5.011 - 21.994		129705321	796.3	

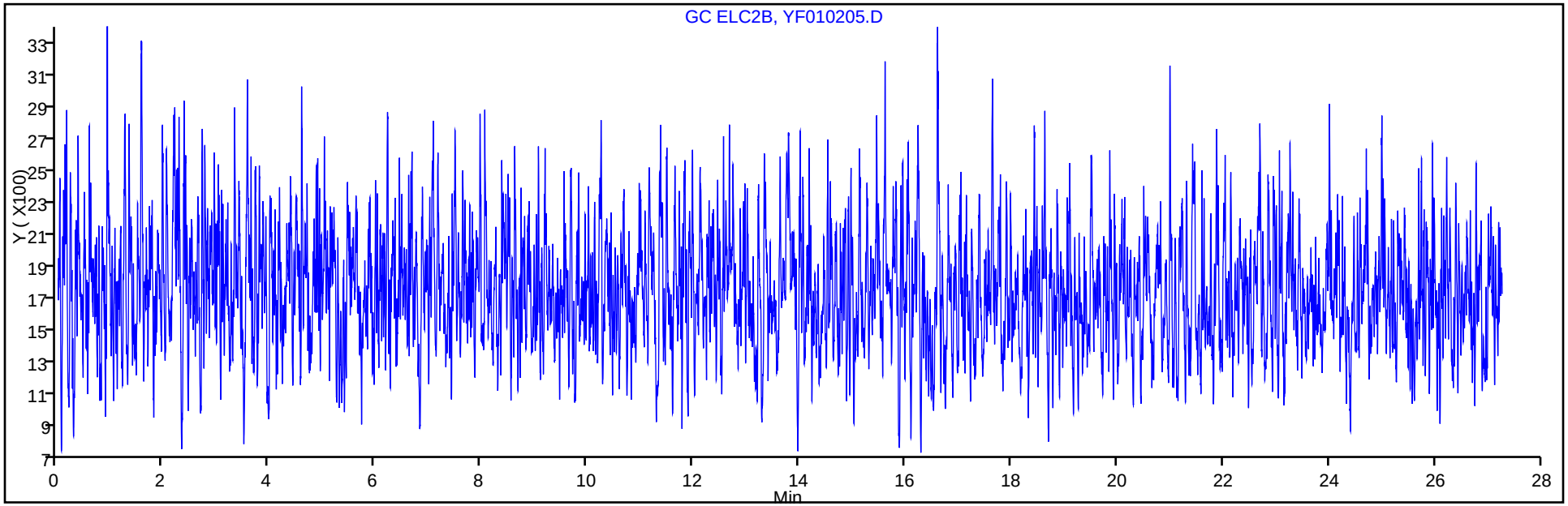
Report Date: 03-Jan-2013 15:31:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

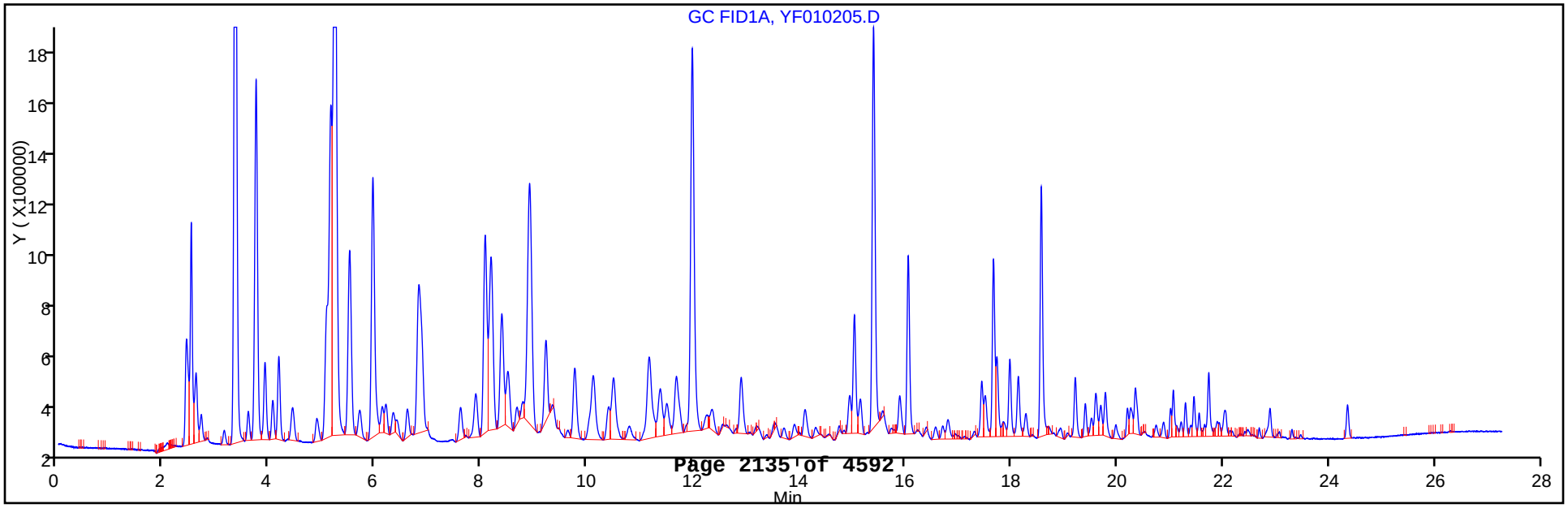
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Injection Date:	02-Jan-2013 12:35:50	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	70834	Lims Sample ID:	5
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70834/27 Calibration Date: 01/03/2013 02:26

Instrument ID: YPID Calib Start Date: 12/28/2012 11:38

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 12/28/2012 14:47

Lab File ID: YF010227.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	143534	132330		738	800	-7.8	15.0
C6-C12	Ave	162879	146604		720	800	-10.0	15.0
Trifluorotoluene (Surr)	Ave	133479	127371		9.54	10.0	-4.6	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70834/27 Calibration Date: 01/03/2013 02:26

Instrument ID: YPID Calib Start Date: 12/28/2012 11:38

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 12/28/2012 14:47

Lab File ID: YF010227.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.92	5.01	18.82
C6-C12	13.50	5.01	21.99
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20130102-16337.b\YF010227.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	03-Jan-2013 02:26:02	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016337-027		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	70834	Lims Sample ID:	27
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20130102-16337.b\Y80158021.m		
Last Update:	03-Jan-2013 15:31:50	Calib Date:	28-Dec-2012 14:47:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK024		

Compound	Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	2	9.760	9.760	0.0	1273706	9.54	
A 5 C6-C10	2	11.916	5.011 - 18.821		105863973	737.6	
A 1 C6-C12	2	13.502	5.011 - 21.994		117283431	720.1	

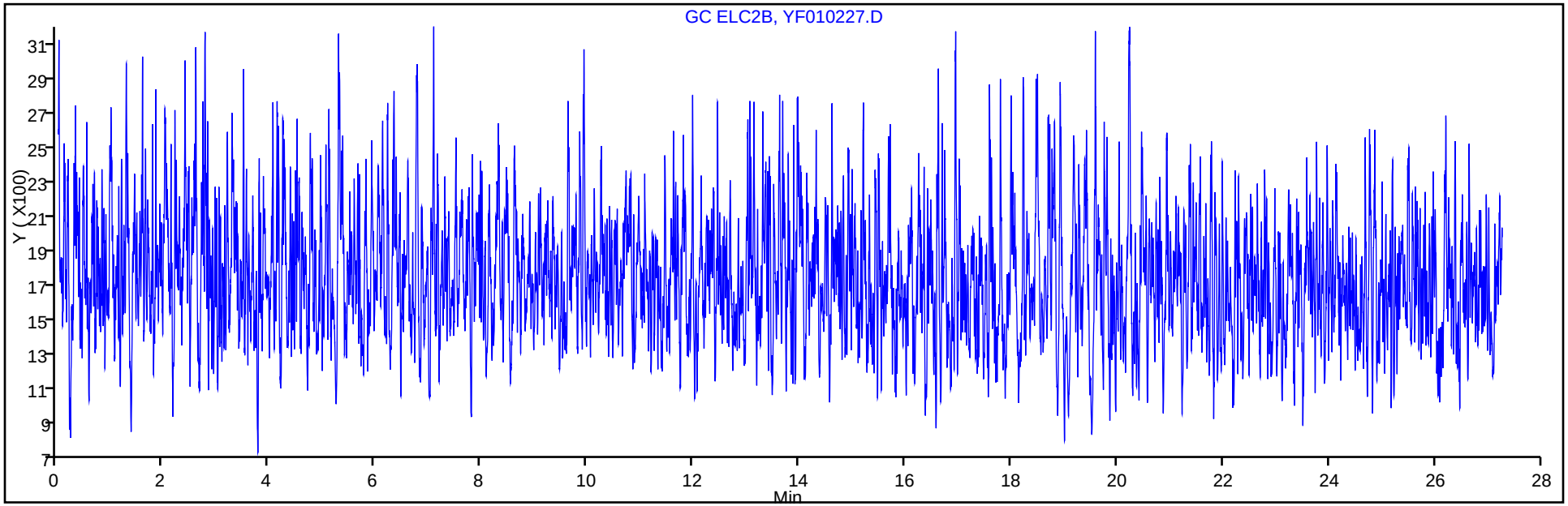
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TestAmerica Canton

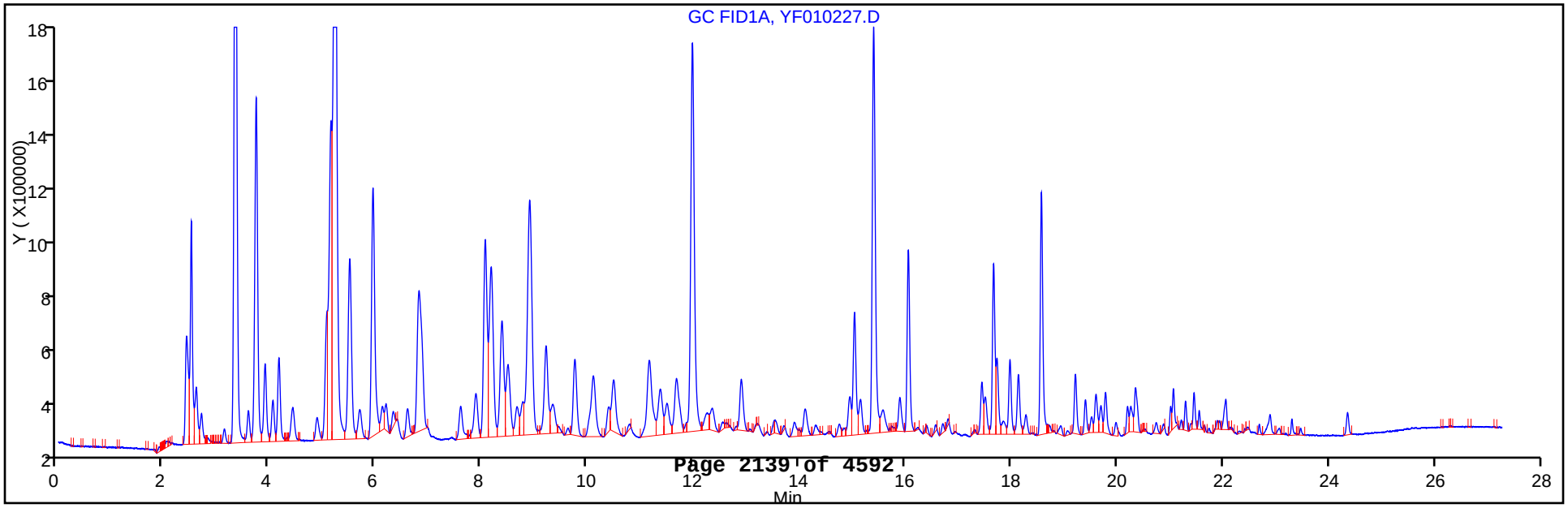
Data File: \\Ncchrom\ChromData\YPID\20130102-16337.b\YF010227.D

Injection Date:	03-Jan-2013 02:26:02	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	70834	Lims Sample ID:	27
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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70834/32 Calibration Date: 01/03/2013 05:35

Instrument ID: YPID Calib Start Date: 12/28/2012 11:38

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 12/28/2012 14:47

Lab File ID: YF010232.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	143534	131335		732	800	-8.5	15.0
C6-C12	Ave	162879	148665		730	800	-8.7	15.0
Trifluorotoluene (Surr)	Ave	133479	28693		2.15	10.0	-78.5*	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-70834/32 Calibration Date: 01/03/2013 05:35

Instrument ID: YPID Calib Start Date: 12/28/2012 11:38

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 12/28/2012 14:47

Lab File ID: YF010232.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C10	11.92	5.01	18.82
C6-C12	13.50	5.01	21.99
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20130102-16337.b\YF010232.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	03-Jan-2013 05:35:13	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016337-032		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	70834	Lims Sample ID:	32
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20130102-16337.b\Y80158021.m		
Last Update:	03-Jan-2013 15:31:58	Calib Date:	28-Dec-2012 14:47:21
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20121228-16238.b\YF122810.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK024		

Compound	Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 16 Trifluorotoluene (Surr)	2	9.761	9.761	0.0	286934	2.15	
A 5 C6-C10	2	11.916	5.011 - 18.821		105068253	732.0	
A 1 C6-C12	2	13.502	5.011 - 21.994		118932004	730.2	

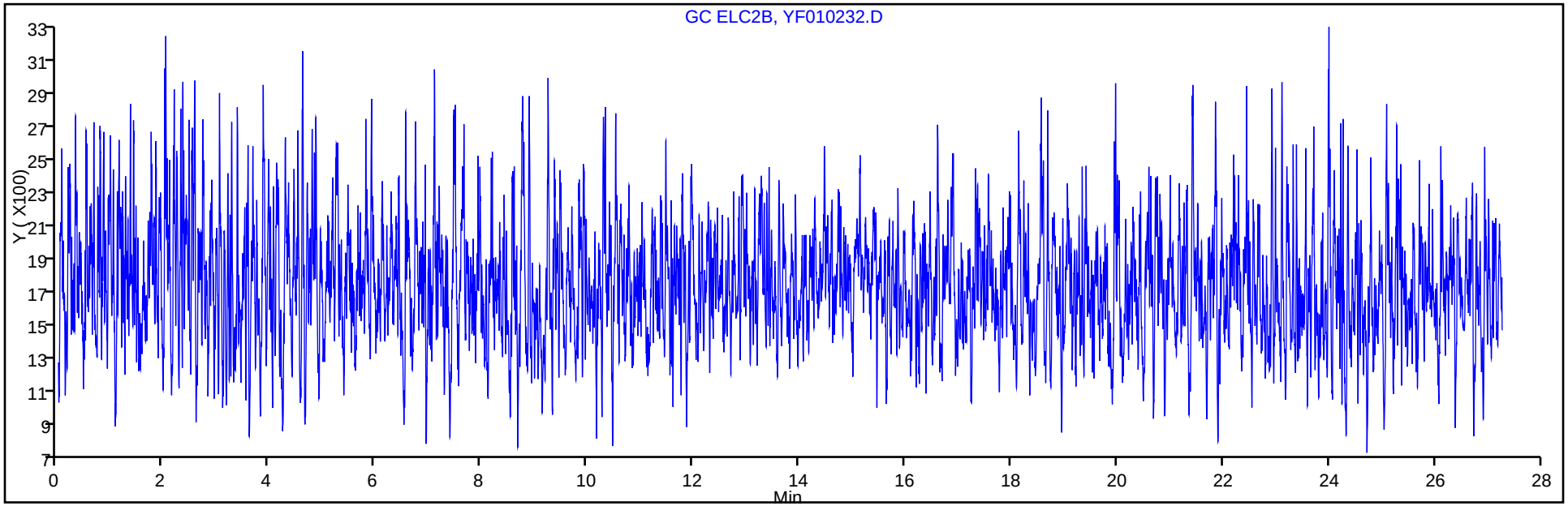
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TestAmerica Canton

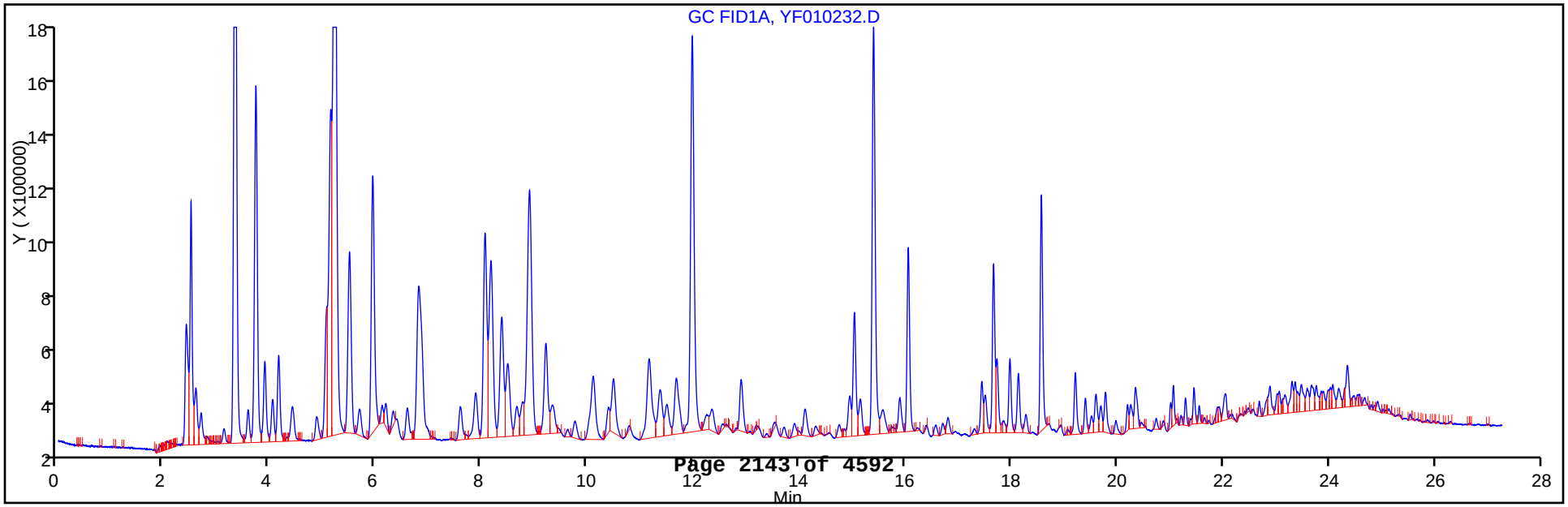
Data File: \\Ncchrom\ChromData\YPID\20130102-16337.b\YF010232.D

Injection Date:	03-Jan-2013 05:35:13	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	70834	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.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69738/36

Matrix: Water Lab File ID: YF122136.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 12/22/2012 08:46

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.: 69738 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	50	U	100	50	25

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\20121221-16087.b\YF122136.D
Lims ID: MB Client ID:
Inject. Date: 22-Dec-2012 08:46:08 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016087-036
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 36
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:15 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: XAWRK003

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	5.143	5.137	0.006	6239	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	9.757	9.759	-0.002	1167529	7.60	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.831	4.901 -	18.760	4684221	34.4	
8 Toluene	1		11.964				1
A 1 C6-C12	2		5.001 -	21.920			
A 11 GRO	2	13.655	4.996 -	22.314	10997348	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		18.579				1
14 Dodecane	2	21.908	21.750	0.158	18018	0	
9 Naphthalene	2	22.063	22.060	0.003	9697	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

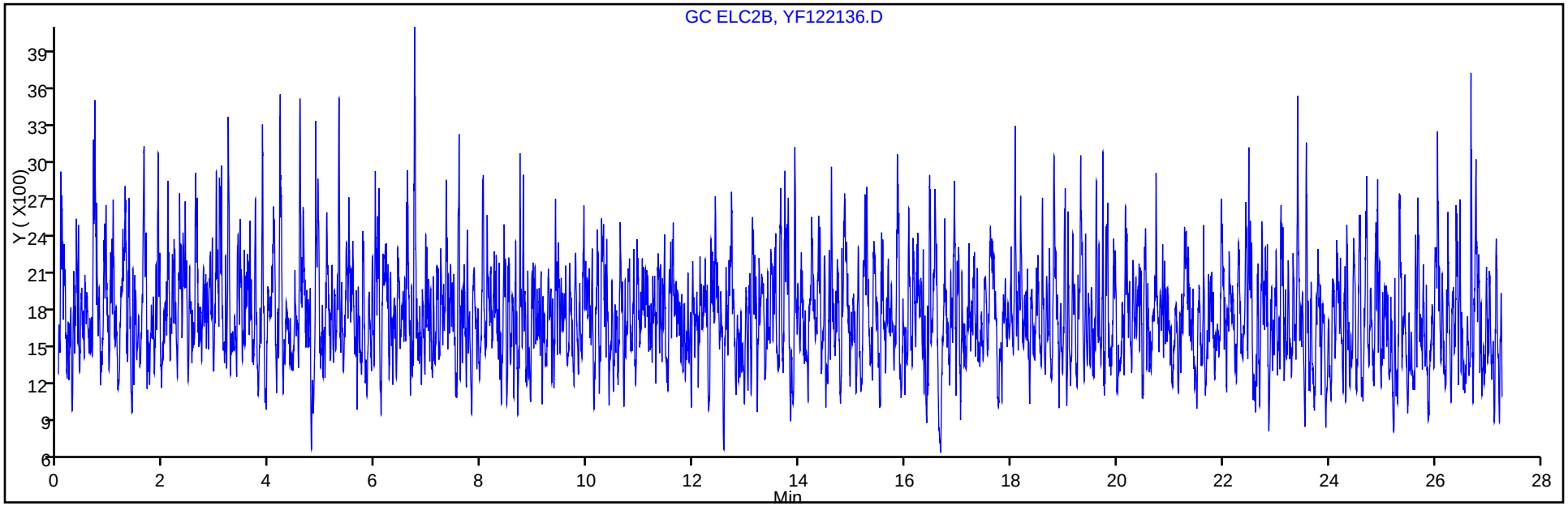
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TestAmerica Canton

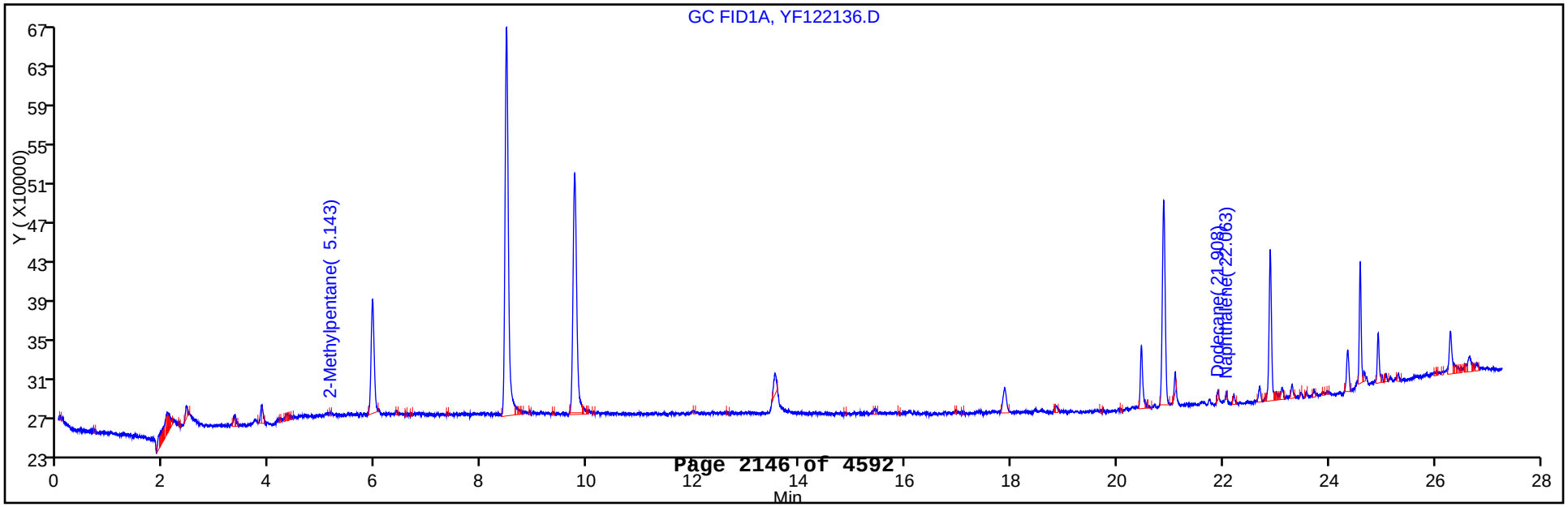
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122136.D

Injection Date:	22-Dec-2012 08:46:08	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	36
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.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69738/52

Matrix: Solid Lab File ID: YF122152.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 12/22/2012 18:53

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.: 69738 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)	89		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122152.D
Lims ID: MB Client ID:
Inject. Date: 22-Dec-2012 18:53:12 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016087-052
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69738 Lims Sample ID: 52
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121221-16087.b\Y80158021.m
Last Update: 26-Dec-2012 15:23:34 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: XAWRK003

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	5.133	5.137	-0.004	22289	0	
12 Methyl tert-butyl ether	2	5.202	5.208	-0.006	5634	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.750	9.756	-0.006	1372651	8.93	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.831	4.901 -	18.760	7484601	55.0	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.461	5.001 -	21.920	10607191	28.6	
A 11 GRO	2	13.655	4.996 -	22.314	14125124	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	21.750	0.001	33603	0	
9 Naphthalene	2	22.070	22.060	0.010	17844	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

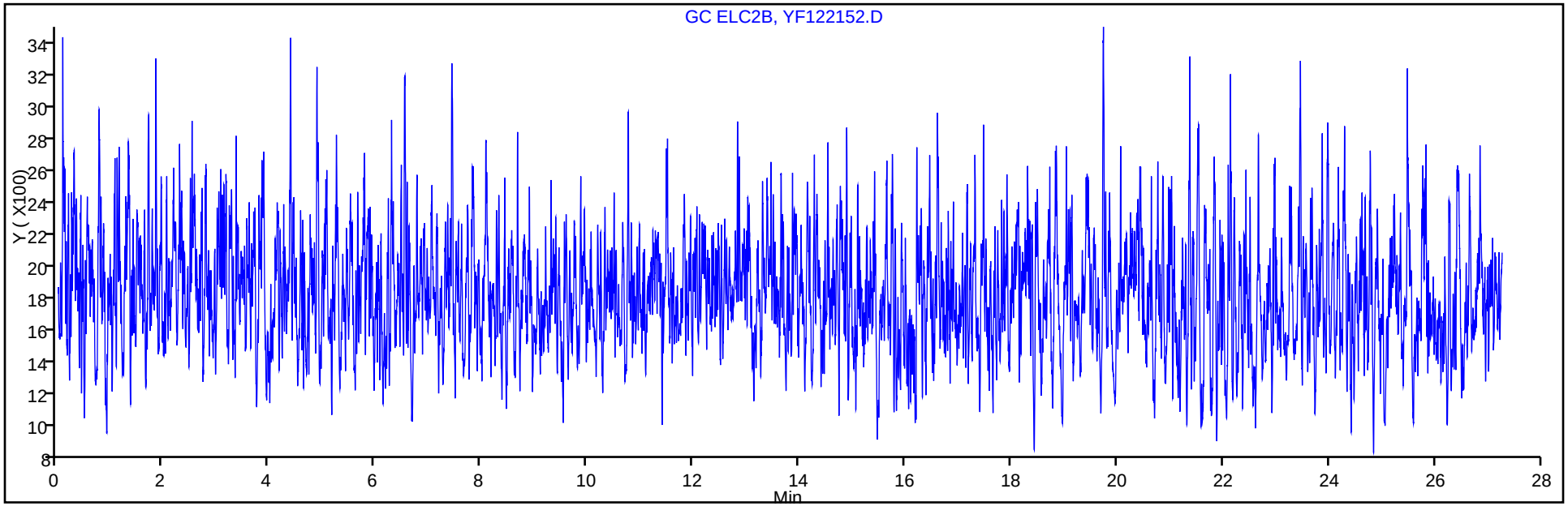
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TestAmerica Canton

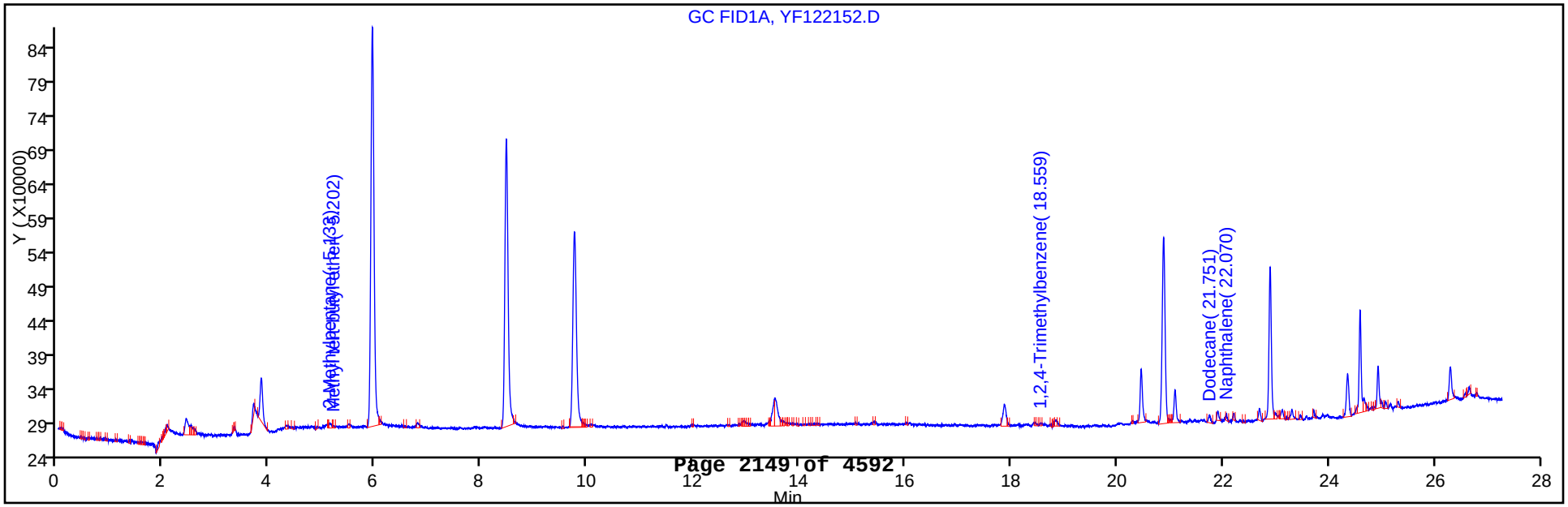
Data File: \\Ncchrom\ChromData\YPID\20121221-16087.b\YF122152.D

Injection Date:	22-Dec-2012 18:53:12	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69738	Lims Sample ID:	52
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.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69748/1-A

Matrix: Solid Lab File ID: YF122406.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5.00(g) Date Analyzed: 12/24/2012 11:04

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.: 69965 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)	89		10-150

Report Date: 28-Dec-2012 12:21:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121224-16140.b\YF122406.D
Lims ID: MB 240-69748/1-A Client ID:
Inject. Date: 24-Dec-2012 11:04:52 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016140-006
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 69965 Lims Sample ID: 6
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121224-16140.b\Y80158021.m
Last Update: 28-Dec-2012 12:21:30 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: XAWRK035

First Level Reviewer: bolgrind Date: 24-Dec-2012 14:05:20

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	5.140	0.001	5677	0	
12 Methyl tert-butyl ether	2	5.093	5.208	-0.115	6482	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.757	9.757	0.0	1365463	8.88	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.807	4.878 - 18.735		5027724	37.0	
8 Toluene	1		11.964				1
A 1 C6-C12	2		4.978 - 21.997				
A 11 GRO	2	13.655	4.996 - 22.314		10556304	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	21.744	-0.002	208085	0	
9 Naphthalene	2	22.072	22.060	0.012	28074	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

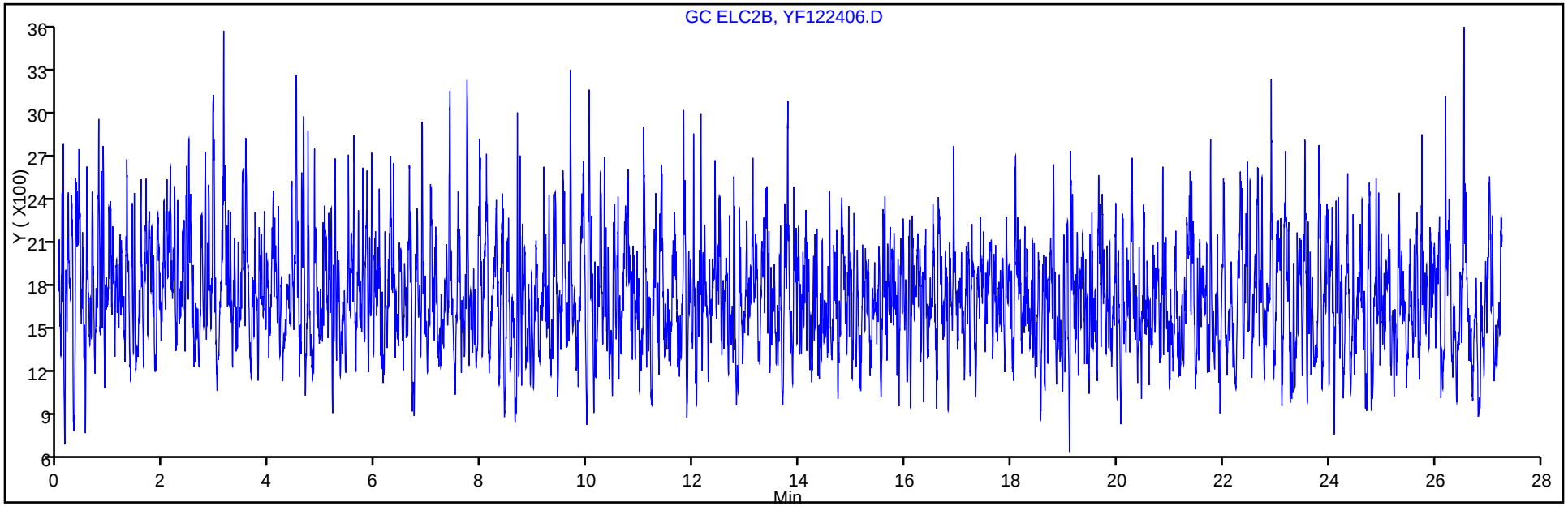
Report Date: 28-Dec-2012 12:21:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\YPID\20121224-16140.b\YF122406.D

Injection Date:	24-Dec-2012 11:04:52	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	69965	Lims Sample ID:	6
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

