TestAmerica
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ANALYTICAL REPORT

Job Number: 240-17768-1

Job Description: RVAAP - ECC

For:
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CASE NARRATIVE

Client: Environmental Chemical Corp.

Project: RVAAP - ECC

Report Number: 240-17768-1

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 11/15/2012; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 1.4, 1.4, 3.4, 3.8 and 4.4 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 70SB-0011M-0001-SO (240-17768-1), 70SB-0012M-0001-SO (240-17768-2), 70SB-0013M-0001-SO (240-17768-3), 70SB-0014M-0001-SO (240-17768-4), 70SB-0015M-0001-SO (240-17768-5), 70SB-0016M-0001-SO (240-17768-6), 70SB-0017M-0001-SO (240-17768-7), 076SB-0037M-0001-SO (240-17768-9), 076SB-0038M-0001-SO (240-17768-10), 076SB-0039M-0001-SO (240-17768-11), 076SB-0040M-0001-SO (240-17768-12), 076SB-0041M-0001-SO (240-17768-13), 076SB-0042M-0001-SO (240-17768-14), 076SB-0043M-0001-SO (240-17768-15), 076SB-0030M-0001-SO (240-17768-17), 076SB-0031M-0001-SO (240-17768-18), 076SB-0032M-0001-SO (240-17768-19), 076SB-0033M-0001-SO (240-17768-20), 076SB-0034M-0001-SO (240-17768-21), 076SB-0035M-0001-SO (240-17768-22) and 076SB-0036M-0001-SO (240-17768-23) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B DoD. The samples were prepared on 11/15/2012 and 11/21/2012 and analyzed on 11/23/2012, 11/25/2012 and 11/26/2012.

Several analytes were detected in method blanks MB 240-66063/17 and MB 240-66175/8 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

2-Hexanone and Acetone were detected in method blank MB 240-66239/8 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.

Acetone and Methylene Chloride failed the recovery criteria high for MRL 240-66063/34 and MRL 240-66239/31.

Methylene Chloride failed the recovery criteria low for MRL 240-66175/33. Acetone failed the recovery criteria high.

Acetone and Bromoform failed the recovery criteria high for MRL 240-66175/5, MRL 240-66239/5, and MRL 240-66063/14.

Tetrachloroethene, Trichloroethene and Xylenes, Total were detected in method blank MB 240-65921/1-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. Refer to the QC report for details.

4-Bromofluorobenzene (Surr) failed the surrogate recovery criteria low for 076SB-0039M-0001-SO (240-17768-11), 076SB-0042M-0001-SO (240-17768-14), and MB 240-65921/1-A.

4-Bromofluorobenzene (Surr) and Toluene-d8 (Surr) failed the surrogate recovery criteria low for 70SB-0012M-0001-SO (240-17768-2), 076SB-0034M-0001-SO (240-17768-21), and 70SB-0014M-0001-SO (240-17768-4).

Sample 70SB-0012M-0001-SO (240-17768-2)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

An additional 5mls of methanol was added to this sample, due to the heavy sample weight. (13.263g); 076SB-0033M-0001-SO (240-17768-20)

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) analyses for batch 66063 on these samples 70SB-0011M-0001-SO (240-17768-1), 70SB-0013M-0001-SO (240-17768-3), 70SB-0015M-0001-SO (240-17768-5), 70SB-0016M-0001-SO (240-17768-6).

The percent recovery for acetone failed high for the QCMRL opener and closer. Acetone is a common lab contaminant which is effected more at lower concentration levels. No further corrective action was taken.

The following samples was diluted due to the abundance of non-target analytes: 70SB-0012M-0001-SO (240-17768-2), 70SB-0014M-0001-SO (240-17768-4). Elevated reporting limits (RLs) are provided.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) analyses for prep. batch 65921 on these samples 70SB-0012M-0001-SO (240-17768-2), 70SB-0014M-0001-SO (240-17768-4).

Surrogate recovery for the following samples was outside of acceptance limits: (MB 240-65921/1-A), 70SB-0014M-0001-SO (240-17768-4). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

Internal standard (ISTD) response for the following sample was outside control limits: 076SB-0039M-0001-SO (240-17768-11). The sample was re-analyzed with concurring results. The original set of data has been reported.

Surrogate recovery for the following sample was outside control limits: 076SB-0039M-0001-SO (240-17768-11). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Internal standard responses were outside of acceptance limits for the following sample: 076SB-0042M-0001-SO (240-17768-14). The sample shows evidence of matrix interference.

Surrogate recovery for the following sample was outside of acceptance limits: 076SB-0042M-0001-SO (240-17768-14). There was insufficient sample to perform a re-extraction; therefore, the data have been reported. The second analysis had a poor purge which resulted in little or no surrogate recoveries.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) analyses for batch 66175 on these samples 076SB-0030M-0001-SO (240-17768-17), 076SB-0031M-0001-SO (240-17768-18), 076SB-0032M-0001-SO (240-17768-19), 076SB-0033M-0001-SO (240-17768-20), 076SB-0037M-0001-SO (240-17768-9), 076SB-0039M-0001-SO (240-17768-11), 076SB-0041M-0001-SO (240-17768-13), 076SB-0042M-0001-SO (240-17768-14), 076SB-0043M-0001-SO (240-17768-15), 70SB-0017M-0001-SO (240-17768-7).

Acetone and Methylene Chloride recoveries failed high for the QCMRL closer. Both these compounds are common lab contaminants and are effected more at lower concentrations. No further corrective action will be taken.

Acetone recovery failed high for the QCMRL opener in batch 66239. Acetone is a common lab contaminant that is effected more at lower concentrations by the varying contamination. No further corrective action was taken.

The following sample was diluted due to the abundance of non-target analytes: 076SB-0034M-0001-SO (240-17768-21). Elevated reporting limits (RLs) are provided.

Surrogate recovery for the following sample was outside of acceptance limits: 076SB-0034M-0001-SO (240-17768-21). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) analyses for prep. batch 65921 on this sample 076SB-0034M-0001-SO (240-17768-21).

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) analyses for batch 66239 on these

samples 076SB-0035M-0001-SO (240-17768-22), 076SB-0036M-0001-SO (240-17768-23), 076SB-0038M-0001-SO (240-17768-10), 076SB-0040M-0001-SO (240-17768-12).

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 70SB-0018-0001-TB (240-17768-8) and 076SB-0044-0001-TB (240-17768-16) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B DoD. The samples were analyzed on 11/21/2012.

Methylene Chloride was detected in method blank MB 240-65929/6 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. None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Acetone failed the recovery criteria low for MRL 240-65929/20. Methylene Chloride failed the recovery criteria high.

Acetone and Styrene failed the recovery criteria low for MRL 240-65929/7. Methylene Chloride failed the recovery criteria high.

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

DIESEL RANGE ORGANICS (DRO) WITH INCREMENTAL SAMPLE PREPARATION

Samples 70SB-0011M-0001-SO (240-17768-1), 70SB-0012M-0001-SO (240-17768-2), 70SB-0013M-0001-SO (240-17768-3), 70SB-0014M-0001-SO (240-17768-4), 70SB-0015M-0001-SO (240-17768-5), 70SB-0016M-0001-SO (240-17768-6) and 70SB-0017M-0001-SO (240-17768-7) were analyzed for diesel range organics (DRO) with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 8015B - DRO. The samples began the drying and disaggregation process on 11/21/2012, were prepared on 11/27/2012 and analyzed on 11/28/2012, 11/29/2012, 12/03/2012 and 12/05/2012.

Samples 70SB-0012M-0001-SO (240-17768-2)[10X] and 70SB-0014M-0001-SO (240-17768-4)[100X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

POLYCHLORINATED BIPHENYLS (PCBS) WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SB-0037M-0001-SO (240-17768-9), 076SB-0038M-0001-SO (240-17768-10), 076SB-0039M-0001-SO (240-17768-11), 076SB-0040M-0001-SO (240-17768-12), 076SB-0041M-0001-SO (240-17768-13), 076SB-0042M-0001-SO (240-17768-14) and 076SB-0043M-0001-SO (240-17768-15) were analyzed for Polychlorinated biphenyls (PCBs) with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 8082 DOD. The samples began the drying and disaggregation process on 11/21/2012, were prepared on 11/29/2012 and analyzed on 12/04/2012.

The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: 076SB-0037M-0001-SO (240-17768-9), 076SB-0038M-0001-SO (240-17768-10), 076SB-0039M-0001-SO (240-17768-11), 076SB-0040M-0001-SO (240-17768-12), 076SB-0041M-0001-SO (240-17768-13), 076SB-0042M-0001-SO (240-17768-14), 076SB-0037M-0001-SO (240-17768-9), 076SB-0038M-0001-SO (240-17768-10), 076SB-0039M-0001-SO (240-17768-11), 076SB-0040M-0001-SO (240-17768-12), 076SB-0041M-0001-SO (240-17768-13), 076SB-0042M-0001-SO (240-17768-14), 076SB-0043M-0001-SO (240-17768-15). Lot # S65830.

Surrogate recovery for the batch related blank for these samples was outside control limits: 076SB-0037M-0001-SO (240-17768-9), 076SB-0038M-0001-SO (240-17768-10), 076SB-0039M-0001-SO (240-17768-11), 076SB-0040M-0001-SO (240-17768-12), 076SB-0041M-0001-SO (240-17768-13), 076SB-0042M-0001-SO (240-17768-14), 076SB-0043M-0001-SO (240-17768-15). Re-extraction and/or re-analysis was performed outside of holding time but within allowable double hold time with acceptable results. Only the re-extract data is reported.

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

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

Samples 70SB-0011M-0001-SO (240-17768-1), 70SB-0012M-0001-SO (240-17768-2), 70SB-0013M-0001-SO (240-17768-3), 70SB-0014M-0001-SO (240-17768-4), 70SB-0015M-0001-SO (240-17768-5), 70SB-0016M-0001-SO (240-17768-6), 70SB-0017M-0001-SO (240-17768-7), 076SB-0037M-0001-SO (240-17768-9), 076SB-0038M-0001-SO (240-17768-10), 076SB-0039M-0001-SO (240-17768-11), 076SB-0040M-0001-SO (240-17768-12), 076SB-0041M-0001-SO (240-17768-13), 076SB-0042M-0001-SO (240-17768-14), 076SB-0043M-0001-SO (240-17768-15), 076SB-0030M-0001-SO (240-17768-17), 076SB-0031M-0001-SO (240-17768-18), 076SB-0032M-0001-SO (240-17768-19), 076SB-0033M-0001-SO (240-17768-20), 076SB-0034M-0001-SO (240-17768-21), 076SB-0035M-0001-SO (240-17768-22) and 076SB-0036M-0001-SO (240-17768-23) were analyzed for semivolatile organic compounds (GC-MS) with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 8270 DoD. The samples began the drying and disaggregation process on 11/21/2012, were prepared on 11/26/2012 and 11/27/2012 and analyzed on 11/30/2012, 12/03/2012 and 12/05/2012.

Bis(2-ethylhexyl) phthalate was detected in method blanks MB 240-66227/23-A and MB 240-66397/18-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.

Terphenyl-d14 (Surr) failed the surrogate recovery criteria low for 70SB-0014M-0001-SO (240-17768-4).

2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol failed the recovery criteria low for the MS/MSD of sample 70SB-0011M-0001-SOMS/MSD (240-17768-1) in batch 240-67052.

2,4-Dinitrophenol failed the recovery criteria high for the MS of sample 076SB-0036M-0001-SOMS (240-17768-23) in batch 240-66878.

2-Methylphenol, 4-Chloroaniline and 4-Nitrophenol failed the recovery criteria low for the MSD of sample 076SB-0036M-0001-SOMSD (240-17768-23) in batch 240-66878. Several analytes exceeded the rpd limit.

Several analytes failed the recovery criteria low for the MS of sample 70SB-0016M-0001-SOMS (240-17768-6) in batch 240-67390.

4-Chloroaniline failed the recovery criteria low for the MSD of sample 70SB-0016M-0001-SOMSD (240-17768-6) in batch 240-67390. 3,3'-Dichlorobenzidine, 4-Nitroaniline, Dibenz(a,h)anthracene and N-Nitrosodiphenylamine exceeded the rpd limit.

Samples 70SB-0011M-0001-SO (240-17768-1)[4X], 70SB-0012M-0001-SO (240-17768-2)[20X], 70SB-0013M-0001-SO (240-17768-3)[5X], 70SB-0014M-0001-SO (240-17768-4)[20X], 70SB-0015M-0001-SO (240-17768-5)[5X], 70SB-0016M-0001-SO (240-17768-6)[10X], 70SB-0017M-0001-SO (240-17768-7)[5X], 076SB-0040M-0001-SO (240-17768-12)[5X], 076SB-0043M-0001-SO (240-17768-15)[5X], 076SB-0030M-0001-SO (240-17768-17)[5X], 076SB-0031M-0001-SO (240-17768-18)[5X], 076SB-0034M-0001-SO (240-17768-21)[5X], 076SB-0035M-0001-SO (240-17768-22)[5X] and 076SB-0036M-0001-SO (240-17768-23)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample(s) was diluted due to the nature of the sample matrix: (240-17768-23 MS), (240-17768-23 MSD), 076SB-0030M-0001-SO (240-17768-17), 076SB-0031M-0001-SO (240-17768-18), 076SB-0034M-0001-SO (240-17768-21), 076SB-0035M-0001-SO (240-17768-22), 076SB-0036M-0001-SO (240-17768-23), 076SB-0040M-0001-SO (240-17768-12), 076SB-0043M-0001-SO (240-17768-15), 70SB-0017M-0001-SO (240-17768-7), (240-17768-6 MS), (240-17768-6 MSD), 70SB-0012M-0001-SO (240-17768-2), 70SB-0013M-0001-SO (240-17768-3), 70SB-0015M-0001-SO (240-17768-5), 70SB-0016M-0001-SO (240-17768-6). Elevated reporting limits (RLs) are provided.

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

GASOLINE RANGE ORGANICS (GRO)

Samples 70SB-0011M-0001-SO (240-17768-1), 70SB-0012M-0001-SO (240-17768-2), 70SB-0013M-0001-SO (240-17768-3), 70SB-0014M-0001-SO (240-17768-4), 70SB-0015M-0001-SO (240-17768-5), 70SB-0016M-0001-SO (240-17768-6) and 70SB-0017M-0001-SO (240-17768-7) were analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B - GRO. The samples were prepared on 11/15/2012 and 11/26/2012 and analyzed on 11/27/2012 and 11/28/2012.

Samples 70SB-0012M-0001-SO (240-17768-2)[10X] and 70SB-0014M-0001-SO (240-17768-4)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

GASOLINE RANGE ORGANICS (GRO)

Sample 70SB-0018-0001-TB (240-17768-8) was analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B - GRO. The samples were analyzed on 11/28/2012.

Method(s) 8015B: Batch 66387 is reported without a matrix spike/matrix spike duplicate (MS/MSD) for sample 70SB-0018-0001-TB (240-17768-8). The batch MS/MSD was originally performed on another client's sample, and the sample was not reported. This MS/MSD result does not have immediate bearing on any samples except for the actual sample spiked. The associated laboratory control sample (LCS) met acceptance criteria and provides long-term precision and accuracy for this batch.

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

MERCURY WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SB-0037M-0001-SO (240-17768-9), 076SB-0038M-0001-SO (240-17768-10), 076SB-0039M-0001-SO (240-17768-11), 076SB-0040M-0001-SO (240-17768-12), 076SB-0041M-0001-SO (240-17768-13), 076SB-0042M-0001-SO (240-17768-14), 076SB-0043M-0001-SO (240-17768-15), 076SB-0030M-0001-SO (240-17768-17), 076SB-0031M-0001-SO (240-17768-18), 076SB-0032M-0001-SO (240-17768-19), 076SB-0033M-0001-SO (240-17768-20), 076SB-0034M-0001-SO (240-17768-21), 076SB-0035M-0001-SO (240-17768-22) and 076SB-0036M-0001-SO (240-17768-23) were analyzed for mercury with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 7471A DOD. The samples began the drying and disaggregation process on 11/21/2012, were prepared on 11/26/2012 and analyzed on 11/30/2012.

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

PERCENT SOLIDS

Samples 70SB-0011M-0001-SO (240-17768-1), 70SB-0012M-0001-SO (240-17768-2), 70SB-0013M-0001-SO (240-17768-3), 70SB-0014M-0001-SO (240-17768-4), 70SB-0015M-0001-SO (240-17768-5), 70SB-0016M-0001-SO (240-17768-6), 70SB-0017M-0001-SO (240-17768-7), 076SB-0037M-0001-SO (240-17768-9), 076SB-0038M-0001-SO (240-17768-10),

076SB-0039M-0001-SO (240-17768-11), 076SB-0040M-0001-SO (240-17768-12), 076SB-0041M-0001-SO (240-17768-13), 076SB-0042M-0001-SO (240-17768-14), 076SB-0043M-0001-SO (240-17768-15), 076SB-0030M-0001-SO (240-17768-17), 076SB-0031M-0001-SO (240-17768-18), 076SB-0032M-0001-SO (240-17768-19), 076SB-0033M-0001-SO (240-17768-20), 076SB-0034M-0001-SO (240-17768-21), 076SB-0035M-0001-SO (240-17768-22) and 076SB-0036M-0001-SO (240-17768-23) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 11/20/2012.

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.: 240-17768-1

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.: 240-17768-1

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.: 240-17768-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 66878

Lab Sample ID: 240-17768-12 Client Sample ID: 076SB-0040M-0001-SO

Date Analyzed: 11/30/12 11:57 Lab File ID: 21130010.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.60	Poor Chromatography	gruberj	11/30/12 13:39
Indeno[1,2,3-cd]pyrene	15.75	Poor Chromatography	gruberj	11/30/12 13:39
Benzo[g,h,i]perylene	16.15	Poor Chromatography	gruberj	11/30/12 13:39

Lab Sample ID: 240-17768-17 Client Sample ID: 076SB-0030M-0001-SO

Date Analyzed: 11/30/12 12:21 Lab File ID: 21130011.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.60	Poor Chromatography	gruberj	11/30/12 14:44
Indeno[1,2,3-cd]pyrene	15.73	Poor Chromatography	gruberj	11/30/12 14:44
Benzo[g,h,i]perylene	16.15	Poor Chromatography	gruberj	11/30/12 14:44

Lab Sample ID: 240-17768-18 Client Sample ID: 076SB-0031M-0001-SO

Date Analyzed: 11/30/12 12:44 Lab File ID: 21130012.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	13.57	Poor Chromatography	gruberj	11/30/12 14:46
Benzo[k]fluoranthene	13.60	Poor Chromatography	gruberj	11/30/12 14:46

Lab Sample ID: 240-17768-22 Client Sample ID: 076SB-0035M-0001-SO

Date Analyzed: 11/30/12 13:07 Lab File ID: 21130013.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	13.57	Poor Chromatography	gruberj	11/30/12 14:47
Benzo[k]fluoranthene	13.61	Poor Chromatography	gruberj	11/30/12 14:47

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 66878

Lab Sample ID: 240-17768-15 Client Sample ID: 076SB-0043M-0001-SO

Date Analyzed: 11/30/12 13:31 Lab File ID: 21130014.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.61	Poor Chromatography	gruberj	11/30/12 14:48
Dibenz(a,h)anthracene	15.77	Poor Chromatography	gruberj	11/30/12 14:48

Lab Sample ID: 240-17768-21 Client Sample ID: 076SB-0034M-0001-SO

Date Analyzed: 11/30/12 13:54 Lab File ID: 21130015.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	13.56	Poor Chromatography	gruberj	11/30/12 14:50

Lab Sample ID: 240-17768-20 Client Sample ID: 076SB-0033M-0001-SO

Date Analyzed: 11/30/12 14:17 Lab File ID: 21130016.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.59	Poor Chromatography	gruberj	11/30/12 14:55

Lab Sample ID: 240-17768-10 Client Sample ID: 076SB-0038M-0001-SO

Date Analyzed: 11/30/12 14:41 Lab File ID: 21130017.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.60	Poor Chromatography	gruberj	11/30/12 15:29

Lab Sample ID: 240-17768-19 Client Sample ID: 076SB-0032M-0001-SO

Date Analyzed: 11/30/12 15:04 Lab File ID: 21130018.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.60	Poor Chromatography	gruberj	11/30/12 15:28
Indeno[1,2,3-cd]pyrene	15.74	Poor Chromatography	gruberj	11/30/12 15:28

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 66878

Lab Sample ID: 240-17768-13 Client Sample ID: 076SB-0041M-0001-SO

Date Analyzed: 11/30/12 15:28 Lab File ID: 21130019.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.60	Poor Chromatography	gruberj	12/03/12 10:31

Lab Sample ID: 240-17768-9 Client Sample ID: 076SB-0037M-0001-SO

Date Analyzed: 11/30/12 15:51 Lab File ID: 21130020.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.60	Poor Chromatography	gruberj	12/03/12 10:32

Lab Sample ID: 240-17768-14 Client Sample ID: 076SB-0042M-0001-SO

Date Analyzed: 11/30/12 16:38 Lab File ID: 21130022.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[a]pyrene	14.06	Poor Chromatography	gruberj	12/03/12 10:34

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 67052

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 12/03/12 18:21 Lab File ID: 21203019.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dibenz(a,h)anthracene	15.69	Poor Chromatography	gruberj	12/04/12 10:57
Benzo[g,h,i]perylene	16.06	Poor Chromatography	gruberj	12/04/12 10:57

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 67390

Lab Sample ID: 240-17768-4 Client Sample ID: 70SB-0014M-0001-SO

Date Analyzed: 12/05/12 15:21 Lab File ID: 21205017.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[a]anthracene	12.05	Poor Chromatography	gruberj	12/05/12 15:51
Benzo[b]fluoranthene	13.48	Poor Chromatography	gruberj	12/05/12 15:51
Benzo[g,h,i]perylene	16.04	Poor Chromatography	gruberj	12/05/12 15:51

Lab Sample ID: 240-17768-2 Client Sample ID: 70SB-0012M-0001-SO

Date Analyzed: 12/05/12 15:44 Lab File ID: 21205018.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[a]anthracene	12.04	Poor Chromatography	gruberj	12/06/12 08:45

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 12/05/12 19:14 Lab File ID: 21205027.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	15.64	Poor Chromatography	gruberj	12/06/12 07:37
Dibenz(a,h)anthracene	15.65	Poor Chromatography	gruberj	12/06/12 07:37
Benzo[g,h,i]perylene	16.03	Poor Chromatography	gruberj	12/06/12 07:37

Lab Sample ID: mdll2 LODV Client Sample ID:

Date Analyzed: 12/05/12 19:37 Lab File ID: 21205028.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.04	Poor Chromatography	gruberj	12/06/12 07:45

GASOLINE RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: YPID Analysis Batch Number: 66387

Lab Sample ID: 240-17768-2 Client Sample ID: 70SB-0012M-0001-SO

Date Analyzed: 11/27/12 23:40 Lab File ID: YF112723.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	11/28/12 08:22

Lab Sample ID: 240-17768-4 Client Sample ID: 70SB-0014M-0001-SO

Date Analyzed: 11/28/12 00:57 Lab File ID: YF112725.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	11/28/12 08:23

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: A2HP5R Analysis Batch Number: 66605

Lab Sample ID: 240-17768-2 Client Sample ID: 70SB-0012M-0001-SO

Date Analyzed: 11/28/12 23:35 Lab File ID: P5B28024.D GC Column: ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C20-C34	12.60	Baseline Event	bolgrind	11/29/12 09:25

Lab Sample ID: 240-17768-6 Client Sample ID: 70SB-0016M-0001-SO

Date Analyzed: 11/29/12 01:37 Lab File ID: P5B28028.D GC Column: ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C20-C34	12.58	Baseline Event	beldingb	11/29/12 12:38

Lab Sample ID: 240-17768-7 Client Sample ID: 70SB-0017M-0001-SO

Date Analyzed: 11/29/12 02:38 Lab File ID: P5B28030.D GC Column: ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C20-C34	12.60	Baseline Event	bolgrind	11/29/12 09:29

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: A2HP5R Analysis Batch Number: 67061

Lab Sample ID: 240-17768-1 Client Sample ID: 70SB-0011M-0001-SO

Date Analyzed: 12/03/12 13:36 Lab File ID: P5B03006.D GC Column: ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C20-C34	12.60	Baseline Event	bolgrind	12/03/12 14:33

Lab Sample ID: 240-17768-4 Client Sample ID: 70SB-0014M-0001-SO

Date Analyzed: 12/03/12 14:38 Lab File ID: P5B03008.D GC Column: ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C20-C34	12.61	Baseline Event	bolgrind	12/03/12 16:10

DIESEL RANGE ORGANICS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: A2HP5R Analysis Batch Number: 67287

Lab Sample ID: 240-17768-3 Client Sample ID: 70SB-0013M-0001-SO

Date Analyzed: 12/05/12 03:01 Lab File ID: P5B04029.D GC Column: ID:

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
C20-C34	12.58	Baseline Event	bolgrind	12/05/12 09:15

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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.: 240-17768-1

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.: 240-17768-1

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.: 240-17768-1

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.: 240-17768-1

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.: 240-17768-1

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.: 240-17768-1

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.: 240-17768-1

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.: 240-17768-1

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.: 240-17768-1

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.: 240-17768-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 67173

Lab Sample ID: CCV 240-67173/3 CCVRT Client Sample ID:

Date Analyzed: 12/04/12 01:36 Lab File ID: P1300003.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	12/04/12 14:10
PCB-1016 Peak 2	1.90	Split Peak	hassl	12/04/12 14:10
PCB-1016 Peak 3	2.33	Split Peak	hassl	12/04/12 14:10
PCB-1016 Peak 4	2.46	Split Peak	hassl	12/04/12 14:10
PCB-1016 Peak 5	2.87	Split Peak	hassl	12/04/12 14:10

SAMPLE SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-17768-1	70SB-0011M-0001-SO	Solid	11/14/2012 1250	11/15/2012 0835
240-17768-2	70SB-0012M-0001-SO	Solid	11/14/2012 1250	11/15/2012 0835
240-17768-3	70SB-0013M-0001-SO	Solid	11/14/2012 1100	11/15/2012 0835
240-17768-4	70SB-0014M-0001-SO	Solid	11/14/2012 0935	11/15/2012 0835
240-17768-5	70SB-0015M-0001-SO	Solid	11/14/2012 1300	11/15/2012 0835
240-17768-6	70SB-0016M-0001-SO	Solid	11/14/2012 1150	11/15/2012 0835
240-17768-7	70SB-0017M-0001-SO	Solid	11/14/2012 1215	11/15/2012 0835
240-17768-8	70SB-0018-0001-TB	Water	11/14/2012 0800	11/15/2012 0835
240-17768-9	076SB-0037M-0001-SO	Solid	11/14/2012 1550	11/15/2012 0835
240-17768-10	076SB-0038M-0001-SO	Solid	11/14/2012 1550	11/15/2012 0835
240-17768-11	076SB-0039M-0001-SO	Solid	11/14/2012 1500	11/15/2012 0835
240-17768-12	076SB-0040M-0001-SO	Solid	11/14/2012 1520	11/15/2012 0835
240-17768-13	076SB-0041M-0001-SO	Solid	11/14/2012 1530	11/15/2012 0835
240-17768-14	076SB-0042M-0001-SO	Solid	11/14/2012 1545	11/15/2012 0835
240-17768-15	076SB-0043M-0001-SO	Solid	11/14/2012 1555	11/15/2012 0835
240-17768-16	076SB-0044-0001-TB	Water	11/14/2012 0800	11/15/2012 0835
240-17768-17	076SB-0030M-0001-SO	Solid	11/14/2012 1615	11/15/2012 0835
240-17768-18	076SB-0031M-0001-SO	Solid	11/14/2012 1615	11/15/2012 0835
240-17768-19	076SB-0032M-0001-SO	Solid	11/14/2012 1615	11/15/2012 0835
240-17768-20	076SB-0033M-0001-SO	Solid	11/14/2012 1645	11/15/2012 0835
240-17768-21	076SB-0034M-0001-SO	Solid	11/14/2012 1700	11/15/2012 0835
240-17768-22	076SB-0035M-0001-SO	Solid	11/14/2012 1730	11/15/2012 0835
240-17768-23	076SB-0036M-0001-SO	Solid	11/14/2012 1745	11/15/2012 0835

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17768-1	**70SB-0011M-0001-SO**					
Methylene Chloride		0.91	J	5.4	ug/Kg	8260B/DoD
Fluoranthene		15	J	27	ug/Kg	8270C/DoD
2-Methylnaphthalene		18	J	27	ug/Kg	8270C/DoD
Phenanthrene		29		27	ug/Kg	8270C/DoD
Pyrene		26	J	27	ug/Kg	8270C/DoD
C10-C20		30		17	mg/Kg	8015B
C20-C34		120	M	17	mg/Kg	8015B
Percent Solids		88		0.10	%	Moisture
Percent Moisture		12		0.10	%	Moisture
240-17768-2	**70SB-0012M-0001-SO**					
Ethylbenzene		790		480	ug/Kg	8260B/DoD
Toluene		63	J	480	ug/Kg	8260B/DoD
Xylenes, Total		2600		970	ug/Kg	8260B/DoD
Acenaphthene		860	D	130	ug/Kg	8270C/DoD
Benzo[a]anthracene		360	D M	130	ug/Kg	8270C/DoD
Benzo[a]pyrene		320	D	130	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		140	D	130	ug/Kg	8270C/DoD
Chrysene		310	D	130	ug/Kg	8270C/DoD
Dibenzofuran		470	J D	1000	ug/Kg	8270C/DoD
Fluoranthene		380	D	130	ug/Kg	8270C/DoD
Fluorene		1400	D	130	ug/Kg	8270C/DoD
2-Methylnaphthalene		3000	D	130	ug/Kg	8270C/DoD
Naphthalene		180	D	130	ug/Kg	8270C/DoD
Phenanthrene		2400	D	130	ug/Kg	8270C/DoD
Pyrene		2200	D	130	ug/Kg	8270C/DoD
C6-C12		160000	D	50000	ug/Kg	8015B
C10-C20		730	D	170	mg/Kg	8015B
C20-C34		990	D M	170	mg/Kg	8015B
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17768-3	**70SB-0013M-0001-SO**					
Carbon disulfide		3.1	J	5.2	ug/Kg	8260B/DoD
Methylene Chloride		2.2	J	5.2	ug/Kg	8260B/DoD
Benzo[a]pyrene		62	D	34	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		45	D	34	ug/Kg	8270C/DoD
Fluoranthene		18	J D	34	ug/Kg	8270C/DoD
Phenanthrene		36	D	34	ug/Kg	8270C/DoD
Pyrene		28	J D	34	ug/Kg	8270C/DoD
C6-C12		140		99	ug/Kg	8015B
C10-C20		37		17	mg/Kg	8015B
C20-C34		160	M	17	mg/Kg	8015B
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture
240-17768-4	**70SB-0014M-0001-SO**					
Ethylbenzene		350		230	ug/Kg	8260B/DoD
Toluene		26	J	230	ug/Kg	8260B/DoD
Xylenes, Total		1200		460	ug/Kg	8260B/DoD
Acenaphthene		3800	D	130	ug/Kg	8270C/DoD
Anthracene		590	D	130	ug/Kg	8270C/DoD
Benzo[a]anthracene		1400	D M	130	ug/Kg	8270C/DoD
Benzo[a]pyrene		730	D	130	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		310	D M	130	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		580	D M	130	ug/Kg	8270C/DoD
Chrysene		1600	D	130	ug/Kg	8270C/DoD
Dibenzofuran		2300	D	990	ug/Kg	8270C/DoD
Fluoranthene		1500	D	130	ug/Kg	8270C/DoD
Fluorene		6300	D	130	ug/Kg	8270C/DoD
2-Methylnaphthalene		15000	D	130	ug/Kg	8270C/DoD
Naphthalene		840	D	130	ug/Kg	8270C/DoD
Phenanthrene		9800	D	130	ug/Kg	8270C/DoD
Pyrene		9200	D	130	ug/Kg	8270C/DoD
C6-C12		190000	D	49000	ug/Kg	8015B
C10-C20		3300	D	1600	mg/Kg	8015B
C20-C34		4700	D M	1600	mg/Kg	8015B
Percent Solids		83		0.10	%	Moisture
Percent Moisture		17		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17768-5	**70SB-0015M-0001-SO**					
2-Butanone (MEK)		3.1	J	20	ug/Kg	8260B/DoD
Acetone		38	B	20	ug/Kg	8260B/DoD
Methylene Chloride		2.5	J	5.1	ug/Kg	8260B/DoD
2-Methylnaphthalene		20	J D	34	ug/Kg	8270C/DoD
C10-C20		26		17	mg/Kg	8015B
C20-C34		16	J	17	mg/Kg	8015B
Percent Solids		77		0.10	%	Moisture
Percent Moisture		23		0.10	%	Moisture
240-17768-6	**70SB-0016M-0001-SO**					
2-Butanone (MEK)		4.2	J	22	ug/Kg	8260B/DoD
Acetone		34	B	22	ug/Kg	8260B/DoD
Carbon disulfide		3.6	J	5.6	ug/Kg	8260B/DoD
C10-C20		37		16	mg/Kg	8015B
C20-C34		51	M	16	mg/Kg	8015B
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture
240-17768-7	**70SB-0017M-0001-SO**					
2-Butanone (MEK)		9.2	J	24	ug/Kg	8260B/DoD
Acetone		52	B	24	ug/Kg	8260B/DoD
Carbon disulfide		3.6	J B	6.1	ug/Kg	8260B/DoD
C10-C20		30		17	mg/Kg	8015B
C20-C34		61	M	17	mg/Kg	8015B
Percent Solids		79		0.10	%	Moisture
Percent Moisture		21		0.10	%	Moisture
240-17768-8	**70SB-0018-0001-TB**					
Methylene Chloride		0.84	J B	1.0	ug/L	8260B/DoD
C6-C12		49	J	100	ug/L	8015B

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17768-9	**076SB-0037M-0001-SO**					
2-Butanone (MEK)		19	J	23	ug/Kg	8260B/DoD
Acetone		89	B	23	ug/Kg	8260B/DoD
Carbon disulfide		3.6	J B	5.8	ug/Kg	8260B/DoD
Anthracene		8.7		6.7	ug/Kg	8270C/DoD
Benzo[a]anthracene		23		6.7	ug/Kg	8270C/DoD
Benzo[a]pyrene		27		6.7	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		29		6.7	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		13		6.7	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		7.7	M	6.7	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		34	J B	51	ug/Kg	8270C/DoD
Chrysene		21		6.7	ug/Kg	8270C/DoD
Dibenzofuran		6.3	J	51	ug/Kg	8270C/DoD
Fluoranthene		53		6.7	ug/Kg	8270C/DoD
Fluorene		6.2	J	6.7	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		16		6.7	ug/Kg	8270C/DoD
2-Methylnaphthalene		9.4		6.7	ug/Kg	8270C/DoD
Naphthalene		10		6.7	ug/Kg	8270C/DoD
Phenanthrene		45		6.7	ug/Kg	8270C/DoD
Pyrene		38		6.7	ug/Kg	8270C/DoD
Hg		0.038	J	0.092	mg/Kg	7471/DOD
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17768-10	**076SB-0038M-0001-SO**					
Methylene Chloride		0.68	J	4.7	ug/Kg	8260B/DoD
Acenaphthene		7.6		6.8	ug/Kg	8270C/DoD
Anthracene		30		6.8	ug/Kg	8270C/DoD
Benzo[a]anthracene		86		6.8	ug/Kg	8270C/DoD
Benzo[a]pyrene		81		6.8	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		100		6.8	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		52		6.8	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		35	M	6.8	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		44	J B	51	ug/Kg	8270C/DoD
Chrysene		94		6.8	ug/Kg	8270C/DoD
Dibenz(a,h)anthracene		19		6.8	ug/Kg	8270C/DoD
Dibenzofuran		12	J	51	ug/Kg	8270C/DoD
Fluoranthene		220		6.8	ug/Kg	8270C/DoD
Fluorene		11		6.8	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		50		6.8	ug/Kg	8270C/DoD
Isophorone		14	J	51	ug/Kg	8270C/DoD
2-Methylnaphthalene		9.4		6.8	ug/Kg	8270C/DoD
Naphthalene		12		6.8	ug/Kg	8270C/DoD
Phenanthrene		160		6.8	ug/Kg	8270C/DoD
Pyrene		170		6.8	ug/Kg	8270C/DoD
Hg		0.022	J	0.094	mg/Kg	7471/DOD
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture
240-17768-11	**076SB-0039M-0001-SO**					
Acetone		20	J B	21	ug/Kg	8260B/DoD
Methylene Chloride		11		5.4	ug/Kg	8260B/DoD
Toluene		0.40	J	5.4	ug/Kg	8260B/DoD
Benzo[a]pyrene		12		6.7	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		6.5	J	6.7	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		52	B	50	ug/Kg	8270C/DoD
Fluoranthene		11		6.7	ug/Kg	8270C/DoD
2-Methylnaphthalene		6.9		6.7	ug/Kg	8270C/DoD
Pyrene		8.8		6.7	ug/Kg	8270C/DoD
Hg		0.036	J	0.10	mg/Kg	7471/DOD
Percent Solids		81		0.10	%	Moisture
Percent Moisture		19		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17768-12	**076SB-0040M-0001-SO**					
Anthracene		44	D	33	ug/Kg	8270C/DoD
Benzo[a]anthracene		96	D	33	ug/Kg	8270C/DoD
Benzo[a]pyrene		100	D	33	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		100	D	33	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		50	D M	33	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		34	D M	33	ug/Kg	8270C/DoD
Chrysene		87	D	33	ug/Kg	8270C/DoD
Dibenzofuran		25	J D	250	ug/Kg	8270C/DoD
Fluoranthene		220	D	33	ug/Kg	8270C/DoD
Fluorene		29	J D	33	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		73	D M	33	ug/Kg	8270C/DoD
2-Methylnaphthalene		20	J D	33	ug/Kg	8270C/DoD
Naphthalene		34	D	33	ug/Kg	8270C/DoD
Phenanthrene		230	D	33	ug/Kg	8270C/DoD
Pyrene		180	D	33	ug/Kg	8270C/DoD
Hg		0.027	J	0.10	mg/Kg	7471/DOD
Percent Solids		84		0.10	%	Moisture
Percent Moisture		16		0.10	%	Moisture
240-17768-13	**076SB-0041M-0001-SO**					
Benzo[a]anthracene		16		6.6	ug/Kg	8270C/DoD
Benzo[a]pyrene		20		6.6	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		19		6.6	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		10		6.6	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		7.5	M	6.6	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		32	J B	50	ug/Kg	8270C/DoD
Chrysene		17		6.6	ug/Kg	8270C/DoD
Fluoranthene		30		6.6	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		14		6.6	ug/Kg	8270C/DoD
2-Methylnaphthalene		7.8		6.6	ug/Kg	8270C/DoD
Naphthalene		8.2		6.6	ug/Kg	8270C/DoD
Phenanthrene		17		6.6	ug/Kg	8270C/DoD
Pyrene		24		6.6	ug/Kg	8270C/DoD
Hg		0.039	J	0.087	mg/Kg	7471/DOD
Percent Solids		86		0.10	%	Moisture
Percent Moisture		14		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17768-14	**076SB-0042M-0001-SO**					
Acetone		14	J B	21	ug/Kg	8260B/DoD
Methylene Chloride		1.1	J	5.3	ug/Kg	8260B/DoD
Benzo[a]anthracene		6.0	J	6.7	ug/Kg	8270C/DoD
Benzo[a]pyrene		11	M	6.7	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		4.7	J	6.7	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		45	J B	50	ug/Kg	8270C/DoD
Chrysene		5.0	J	6.7	ug/Kg	8270C/DoD
Fluoranthene		9.4		6.7	ug/Kg	8270C/DoD
Isophorone		14	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		4.2	J	6.7	ug/Kg	8270C/DoD
Phenanthrene		7.5		6.7	ug/Kg	8270C/DoD
Pyrene		7.2		6.7	ug/Kg	8270C/DoD
Hg		0.039	J	0.097	mg/Kg	7471/DOD
Percent Solids		80		0.10	%	Moisture
Percent Moisture		20		0.10	%	Moisture
240-17768-15	**076SB-0043M-0001-SO**					
2-Butanone (MEK)		3.2	J	22	ug/Kg	8260B/DoD
Acetone		37	B	22	ug/Kg	8260B/DoD
Acenaphthene		27	J D	33	ug/Kg	8270C/DoD
Anthracene		99	D	33	ug/Kg	8270C/DoD
Benzo[a]anthracene		240	D	33	ug/Kg	8270C/DoD
Benzo[a]pyrene		220	D	33	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		280	D	33	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		110	D	33	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		84	D M	33	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		95	J D B	250	ug/Kg	8270C/DoD
Chrysene		210	D	33	ug/Kg	8270C/DoD
Dibenz(a,h)anthracene		82	D M	33	ug/Kg	8270C/DoD
Dibenzofuran		29	J D	250	ug/Kg	8270C/DoD
Fluoranthene		620	D	33	ug/Kg	8270C/DoD
Fluorene		34	D	33	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		120	D	33	ug/Kg	8270C/DoD
Naphthalene		23	J D	33	ug/Kg	8270C/DoD
Phenanthrene		470	D	33	ug/Kg	8270C/DoD
Pyrene		450	D	33	ug/Kg	8270C/DoD
Hg		0.036	J	0.11	mg/Kg	7471/DOD
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture
240-17768-16	**076SB-0044-0001-TB**					
Methylene Chloride		0.80	J B	1.0	ug/L	8260B/DoD

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17768-17	**076SB-0030M-0001-SO**					
2-Butanone (MEK)		5.3	J	19	ug/Kg	8260B/DoD
Acetone		33	B	19	ug/Kg	8260B/DoD
Carbon disulfide		2.9	J B	4.8	ug/Kg	8260B/DoD
Anthracene		24	J D	33	ug/Kg	8270C/DoD
Benzo[a]anthracene		53	D	33	ug/Kg	8270C/DoD
Benzo[a]pyrene		85	D	33	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		68	D	33	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		41	D M	33	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		27	J D M	33	ug/Kg	8270C/DoD
Chrysene		63	D	33	ug/Kg	8270C/DoD
Fluoranthene		150	D	33	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		53	D M	33	ug/Kg	8270C/DoD
2-Methylnaphthalene		31	J D	33	ug/Kg	8270C/DoD
Naphthalene		30	J D	33	ug/Kg	8270C/DoD
Phenanthrene		110	D	33	ug/Kg	8270C/DoD
Pyrene		110	D	33	ug/Kg	8270C/DoD
Hg		0.037	J	0.10	mg/Kg	7471/DOD
Percent Solids		87		0.10	%	Moisture
Percent Moisture		13		0.10	%	Moisture
240-17768-18	**076SB-0031M-0001-SO**					
2-Butanone (MEK)		13	J	29	ug/Kg	8260B/DoD
Acetone		67	B	29	ug/Kg	8260B/DoD
Carbon disulfide		4.3	J B	7.4	ug/Kg	8260B/DoD
Methylene Chloride		11		7.4	ug/Kg	8260B/DoD
Toluene		0.49	J	7.4	ug/Kg	8260B/DoD
Benzo[a]anthracene		29	J D	33	ug/Kg	8270C/DoD
Benzo[a]pyrene		64	D	33	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		45	D M	33	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		27	J D	33	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		18	J D M	33	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		96	J D B	250	ug/Kg	8270C/DoD
Chrysene		36	D	33	ug/Kg	8270C/DoD
Fluoranthene		68	D	33	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		49	D	33	ug/Kg	8270C/DoD
Phenanthrene		81	D	33	ug/Kg	8270C/DoD
Pyrene		61	D	33	ug/Kg	8270C/DoD
Hg		0.040	J	0.10	mg/Kg	7471/DOD
Percent Solids		78		0.10	%	Moisture
Percent Moisture		22		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17768-19	**076SB-0032M-0001-SO**					
2-Butanone (MEK)		3.9	J	19	ug/Kg	8260B/DoD
Acetone		28	B	19	ug/Kg	8260B/DoD
Carbon disulfide		2.8	J B	4.8	ug/Kg	8260B/DoD
Anthracene		12		6.7	ug/Kg	8270C/DoD
Benzo[a]anthracene		26		6.7	ug/Kg	8270C/DoD
Benzo[a]pyrene		30		6.7	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		27		6.7	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		13		6.7	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		12	M	6.7	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		33	J B	50	ug/Kg	8270C/DoD
Chrysene		27		6.7	ug/Kg	8270C/DoD
Dibenzofuran		8.6	J	50	ug/Kg	8270C/DoD
Fluoranthene		64		6.7	ug/Kg	8270C/DoD
Fluorene		7.1		6.7	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		18	M	6.7	ug/Kg	8270C/DoD
2-Methylnaphthalene		23		6.7	ug/Kg	8270C/DoD
Naphthalene		20		6.7	ug/Kg	8270C/DoD
Phenanthrene		56		6.7	ug/Kg	8270C/DoD
Pyrene		48		6.7	ug/Kg	8270C/DoD
Hg		0.042	J	0.10	mg/Kg	7471/DOD
Percent Solids		87		0.10	%	Moisture
Percent Moisture		13		0.10	%	Moisture
240-17768-20	**076SB-0033M-0001-SO**					
2-Butanone (MEK)		3.2	J	18	ug/Kg	8260B/DoD
Acetone		22	B	18	ug/Kg	8260B/DoD
Benzo[a]anthracene		11		6.8	ug/Kg	8270C/DoD
Benzo[a]pyrene		16		6.8	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		12		6.8	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		7.9		6.8	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		10	M	6.8	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		32	J B	51	ug/Kg	8270C/DoD
Chrysene		13		6.8	ug/Kg	8270C/DoD
Dibenzofuran		11	J	51	ug/Kg	8270C/DoD
Fluoranthene		23		6.8	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		10		6.8	ug/Kg	8270C/DoD
2-Methylnaphthalene		54		6.8	ug/Kg	8270C/DoD
Naphthalene		48		6.8	ug/Kg	8270C/DoD
Phenanthrene		23		6.8	ug/Kg	8270C/DoD
Pyrene		18		6.8	ug/Kg	8270C/DoD
Hg		0.041	J	0.11	mg/Kg	7471/DOD
Percent Solids		84		0.10	%	Moisture
Percent Moisture		16		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17768-21	**076SB-0034M-0001-SO**					
Methylene Chloride		98	J	300	ug/Kg	8260B/DoD
Benzo[a]pyrene		55	D	33	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		21	J D M	33	ug/Kg	8270C/DoD
Fluoranthene		56	D	33	ug/Kg	8270C/DoD
Fluorene		59	D	33	ug/Kg	8270C/DoD
2-Methylnaphthalene		43	D	33	ug/Kg	8270C/DoD
Naphthalene		42	D	33	ug/Kg	8270C/DoD
Phenanthrene		200	D	33	ug/Kg	8270C/DoD
Pyrene		57	D	33	ug/Kg	8270C/DoD
Hg		0.031	J	0.091	mg/Kg	7471/DOD
Percent Solids		78		0.10	%	Moisture
Percent Moisture		22		0.10	%	Moisture
240-17768-22	**076SB-0035M-0001-SO**					
2-Butanone (MEK)		2.3	J	18	ug/Kg	8260B/DoD
Acetone		19	B	18	ug/Kg	8260B/DoD
Carbon disulfide		2.7	J	4.5	ug/Kg	8260B/DoD
Anthracene		22	J D	34	ug/Kg	8270C/DoD
Benzo[a]anthracene		72	D	34	ug/Kg	8270C/DoD
Benzo[a]pyrene		100	D	34	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		130	D M	34	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		59	D	34	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		26	J D M	34	ug/Kg	8270C/DoD
Chrysene		88	D	34	ug/Kg	8270C/DoD
Fluoranthene		190	D	34	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		70	D	34	ug/Kg	8270C/DoD
2-Methylnaphthalene		22	J D	34	ug/Kg	8270C/DoD
Naphthalene		20	J D	34	ug/Kg	8270C/DoD
Phenanthrene		120	D	34	ug/Kg	8270C/DoD
Pyrene		130	D	34	ug/Kg	8270C/DoD
Hg		0.032	J	0.095	mg/Kg	7471/DOD
Percent Solids		88		0.10	%	Moisture
Percent Moisture		12		0.10	%	Moisture
240-17768-23	**076SB-0036M-0001-SO**					
Hg		0.022	J	0.097	mg/Kg	7471/DOD
Percent Solids		87		0.10	%	Moisture
Percent Moisture		13		0.10	%	Moisture

METHOD SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-17768-1

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	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Soxhlet Extraction	TAL NC		SW846 3540C
Gasoline Range Organics - (GC)	TAL NC	SW846 8015B	
Closed System Purge and Trap	TAL NC		SW846 5035
Diesel Range Organics (DRO) (GC)	TAL NC	SW846 8015B	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Soxhlet Extraction	TAL NC		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL NC	SW846 8082/DOD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Soxhlet Extraction			SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL NC	SW846 8082/DOD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Soxhlet Extraction	TAL NC		SW846 3540C
Mercury (CVAA)	TAL NC	SW846 7471/DOD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Preparation, Mercury	TAL NC		SW846 7471A
Percent Moisture	TAL NC	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL NC	SW846 8260B/DoD	
Purge and Trap	TAL NC		SW846 5030B
Gasoline Range Organics - (GC)	TAL NC	SW846 8015B	
Purge and Trap	TAL NC		SW846 5030B

Lab References:

TAL NC = TestAmerica Canton

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method	Analyst	Analyst ID
SW846 8260B/DoD	Macenczak, Steven	SM
SW846 8260B/DoD	Quayle, Rick	RQ
SW846 8270C/DoD	Gruber, John	JG
SW846 8015B	Bosworth, Heather M	HMB
SW846 8015B	Bolgrin, Deborah	DB
SW846 8082/DOD	Hass, Lori	LH
SW846 7471/DOD	Heakin, David	DH
EPA Moisture	Harshman, Tom	TH

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0011M-0001-SO**

Lab Sample ID: 240-17768-1 Date Sampled: 11/14/2012 1250
Client Matrix: Solid % Moisture: 12.5 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66063	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149395.D
Dilution:	1.0			Initial Weight/Volume:	5.26 g
Analysis Date:	11/23/2012 1931			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.1	U	0.61	5.4
1,1,2,2-Tetrachloroethane		0.54	U	0.37	5.4
1,1,2-Trichloroethane		0.54	U	0.42	5.4
1,1-Dichloroethane		0.54	U	0.39	5.4
1,1-Dichloroethene		1.1	U	0.56	5.4
1,2-Dibromoethane		1.1	U	0.54	5.4
1,2-Dichloroethane		0.54	U	0.37	5.4
1,2-Dichloroethene, Total		1.1	U	0.84	11
1,2-Dichloropropane		1.1	U	0.75	5.4
2-Butanone (MEK)		2.2	U	1.5	22
2-Hexanone		1.1	U	0.68	22
4-Methyl-2-pentanone (MIBK)		1.1	U	0.59	22
Acetone		6.8	U	6.8	22
Benzene		0.54	U	0.25	5.4
Bromochloromethane		1.1	U	0.77	5.4
Bromodichloromethane		0.54	U	0.30	5.4
Bromoform		0.54	U	0.36	5.4
Bromomethane		1.1	U	0.59	5.4
Carbon disulfide		0.54	U	0.48	5.4
Carbon tetrachloride		0.54	U	0.40	5.4
Chlorobenzene		0.54	U	0.36	5.4
Chloroethane		1.1	U	0.93	5.4
Chloroform		0.54	U	0.31	5.4
Chloromethane		0.54	U	0.45	5.4
cis-1,3-Dichloropropene		0.54	U	0.37	5.4
Dibromochloromethane		1.1	U	0.60	5.4
Ethylbenzene		0.54	U	0.28	5.4
Methyl tert-butyl ether		0.54	U	0.47	5.4
Methylene Chloride		0.91	J	0.73	5.4
Styrene		0.54	U	0.16	5.4
Tetrachloroethene		1.1	U	0.56	5.4
Toluene		0.54	U	0.29	5.4
trans-1,3-Dichloropropene		1.1	U	0.59	5.4
Trichloroethene		0.54	U	0.46	5.4
Vinyl chloride		0.54	U	0.42	5.4
Xylenes, Total		1.6	U	0.73	11

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		61 - 130
4-Bromofluorobenzene (Surr)	87		85 - 120
Dibromofluoromethane (Surr)	84		59 - 138
Toluene-d8 (Surr)	93		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0012M-0001-SO**

Lab Sample ID: 240-17768-2 Date Sampled: 11/14/2012 1250
Client Matrix: Solid % Moisture: 19.2 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65921	Lab File ID:	149414.D
Dilution:	2.0			Initial Weight/Volume:	6.402 g
Analysis Date:	11/25/2012 1230			Final Weight/Volume:	5 mL
Prep Date:	11/21/2012 1103				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		41	U	41	480
1,1,2,2-Tetrachloroethane		48	U	17	480
1,1,2-Trichloroethane		48	U	23	480
1,1-Dichloroethane		48	U	33	480
1,1-Dichloroethene		48	U	35	480
1,2-Dichloroethane		48	U	19	480
1,2-Dichloroethene, Total		16	U	16	970
1,2-Dichloropropane		19	U	16	480
2-Butanone (MEK)		190	U	83	1900
2-Hexanone		97	U	39	1900
4-Methyl-2-pentanone (MIBK)		190	U	93	1900
Acetone		390	U	330	1900
Benzene		48	U	23	480
Bromoform		48	U	37	480
Bromomethane		97	U	56	480
Carbon disulfide		48	U	23	480
Carbon tetrachloride		19	U	12	480
Chlorobenzene		19	U	12	480
Chloromethane		48	U	27	480
cis-1,3-Dichloropropene		19	U	15	480
Dibromochloromethane		48	U	23	480
Bromodichloromethane		48	U	19	480
Ethylbenzene		790		10	480
Methyl tert-butyl ether		19	U	14	480
Methylene Chloride		190	U	150	480
Styrene		19	U	11	480
Tetrachloroethene		48	U	23	480
Toluene		63	J	33	480
trans-1,3-Dichloropropene		48	U	39	480
Trichloroethene		48	U	19	480
Vinyl chloride		48	U	35	480
Xylenes, Total		2600		16	970
Chloroform		48	U	17	480
Bromochloromethane		48	U	25	480
1,2-Dibromoethane		48	U	19	480
Chloroethane		190	U	120	480

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	63	Q	85 - 115
1,2-Dichloroethane-d4 (Surr)	83		61 - 130
4-Bromofluorobenzene (Surr)	62	Q	85 - 120
Dibromofluoromethane (Surr)	72		59 - 138

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0013M-0001-SO**

Lab Sample ID: 240-17768-3 Date Sampled: 11/14/2012 1100
Client Matrix: Solid % Moisture: 19.2 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66063	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149396.D
Dilution:	1.0			Initial Weight/Volume:	5.979 g
Analysis Date:	11/23/2012 1953			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.0	U	0.58	5.2
1,1,2,2-Tetrachloroethane		0.52	U	0.35	5.2
1,1,2-Trichloroethane		0.52	U	0.40	5.2
1,1-Dichloroethane		0.52	U	0.37	5.2
1,1-Dichloroethene		1.0	U	0.54	5.2
1,2-Dibromoethane		1.0	U	0.52	5.2
1,2-Dichloroethane		0.52	U	0.35	5.2
1,2-Dichloroethene, Total		1.0	U	0.80	10
1,2-Dichloropropane		1.0	U	0.71	5.2
2-Butanone (MEK)		2.1	U	1.4	21
2-Hexanone		1.0	U	0.65	21
4-Methyl-2-pentanone (MIBK)		1.0	U	0.56	21
Acetone		6.5	U	6.5	21
Benzene		0.52	U	0.24	5.2
Bromochloromethane		1.0	U	0.74	5.2
Bromodichloromethane		0.52	U	0.29	5.2
Bromoform		0.52	U	0.34	5.2
Bromomethane		1.0	U	0.56	5.2
Carbon disulfide		3.1	J	0.46	5.2
Carbon tetrachloride		0.52	U	0.38	5.2
Chlorobenzene		0.52	U	0.34	5.2
Chloroethane		1.0	U	0.89	5.2
Chloroform		0.52	U	0.30	5.2
Chloromethane		0.52	U	0.42	5.2
cis-1,3-Dichloropropene		0.52	U	0.35	5.2
Dibromochloromethane		1.0	U	0.57	5.2
Ethylbenzene		0.52	U	0.27	5.2
Methyl tert-butyl ether		0.52	U	0.45	5.2
Methylene Chloride		2.2	J	0.69	5.2
Styrene		0.52	U	0.16	5.2
Tetrachloroethene		1.0	U	0.54	5.2
Toluene		0.52	U	0.28	5.2
trans-1,3-Dichloropropene		1.0	U	0.56	5.2
Trichloroethene		0.52	U	0.43	5.2
Vinyl chloride		0.52	U	0.40	5.2
Xylenes, Total		1.6	U	0.69	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		61 - 130
4-Bromofluorobenzene (Surr)	98		85 - 120
Dibromofluoromethane (Surr)	82		59 - 138
Toluene-d8 (Surr)	98		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0014M-0001-SO**

Lab Sample ID: 240-17768-4 Date Sampled: 11/14/2012 0935
Client Matrix: Solid % Moisture: 17.1 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65921	Lab File ID:	149413.D
Dilution:	1.0			Initial Weight/Volume:	6.519 g
Analysis Date:	11/25/2012 1209			Final Weight/Volume:	5 mL
Prep Date:	11/21/2012 1103				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		19	U	19	230
1,1,2,2-Tetrachloroethane		23	U	8.2	230
1,1,2-Trichloroethane		23	U	11	230
1,1-Dichloroethane		23	U	16	230
1,1-Dichloroethene		23	U	17	230
1,2-Dichloroethane		23	U	9.3	230
1,2-Dichloroethene, Total		7.6	U	7.6	460
1,2-Dichloropropane		9.3	U	7.6	230
2-Butanone (MEK)		93	U	40	930
2-Hexanone		46	U	19	930
4-Methyl-2-pentanone (MIBK)		93	U	44	930
Acetone		190	U	160	930
Benzene		23	U	11	230
Bromoform		23	U	18	230
Bromomethane		46	U	27	230
Carbon disulfide		23	U	11	230
Carbon tetrachloride		9.3	U	5.9	230
Chlorobenzene		9.3	U	5.9	230
Chloromethane		23	U	13	230
cis-1,3-Dichloropropene		9.3	U	7.3	230
Dibromochloromethane		23	U	11	230
Bromodichloromethane		23	U	9.2	230
Ethylbenzene		350		5.0	230
Methyl tert-butyl ether		9.3	U	6.6	230
Methylene Chloride		93	U	71	230
Styrene		9.3	U	5.2	230
Tetrachloroethene		23	U	11	230
Toluene		26	J	16	230
trans-1,3-Dichloropropene		23	U	19	230
Trichloroethene		23	U	9.0	230
Vinyl chloride		23	U	17	230
Xylenes, Total		1200		7.5	460
Chloroform		23	U	8.1	230
Bromochloromethane		23	U	12	230
1,2-Dibromoethane		23	U	9.3	230
Chloroethane		93	U	56	230

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	74	Q	85 - 115
1,2-Dichloroethane-d4 (Surr)	88		61 - 130
4-Bromofluorobenzene (Surr)	73	Q	85 - 120
Dibromofluoromethane (Surr)	76		59 - 138

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0015M-0001-SO**

Lab Sample ID: 240-17768-5 Date Sampled: 11/14/2012 1300
Client Matrix: Solid % Moisture: 23.2 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66063	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149397.D
Dilution:	1.0			Initial Weight/Volume:	6.359 g
Analysis Date:	11/23/2012 2014			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.0	U	0.57	5.1
1,1,2,2-Tetrachloroethane		0.51	U	0.35	5.1
1,1,2-Trichloroethane		0.51	U	0.40	5.1
1,1-Dichloroethane		0.51	U	0.37	5.1
1,1-Dichloroethene		1.0	U	0.53	5.1
1,2-Dibromoethane		1.0	U	0.51	5.1
1,2-Dichloroethane		0.51	U	0.35	5.1
1,2-Dichloroethene, Total		1.0	U	0.79	10
1,2-Dichloropropane		1.0	U	0.71	5.1
2-Butanone (MEK)		3.1	J	1.4	20
2-Hexanone		1.0	U	0.65	20
4-Methyl-2-pentanone (MIBK)		1.0	U	0.55	20
Acetone		38	B	6.5	20
Benzene		0.51	U	0.24	5.1
Bromochloromethane		1.0	U	0.73	5.1
Bromodichloromethane		0.51	U	0.29	5.1
Bromoform		0.51	U	0.34	5.1
Bromomethane		1.0	U	0.55	5.1
Carbon disulfide		0.51	U	0.45	5.1
Carbon tetrachloride		0.51	U	0.38	5.1
Chlorobenzene		0.51	U	0.34	5.1
Chloroethane		1.0	U	0.88	5.1
Chloroform		0.51	U	0.30	5.1
Chloromethane		0.51	U	0.42	5.1
cis-1,3-Dichloropropene		0.51	U	0.35	5.1
Dibromochloromethane		1.0	U	0.56	5.1
Ethylbenzene		0.51	U	0.27	5.1
Methyl tert-butyl ether		0.51	U	0.44	5.1
Methylene Chloride		2.5	J	0.69	5.1
Styrene		0.51	U	0.15	5.1
Tetrachloroethene		1.0	U	0.53	5.1
Toluene		0.51	U	0.28	5.1
trans-1,3-Dichloropropene		1.0	U	0.55	5.1
Trichloroethene		0.51	U	0.43	5.1
Vinyl chloride		0.51	U	0.40	5.1
Xylenes, Total		1.5	U	0.69	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		61 - 130
4-Bromofluorobenzene (Surr)	89		85 - 120
Dibromofluoromethane (Surr)	83		59 - 138
Toluene-d8 (Surr)	94		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0016M-0001-SO**

Lab Sample ID: 240-17768-6 Date Sampled: 11/14/2012 1150
Client Matrix: Solid % Moisture: 19.4 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66063	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149398.D
Dilution:	1.0			Initial Weight/Volume:	5.535 g
Analysis Date:	11/23/2012 2036			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.1	U	0.63	5.6
1,1,2,2-Tetrachloroethane		0.56	U	0.38	5.6
1,1,2-Trichloroethane		0.56	U	0.44	5.6
1,1-Dichloroethane		0.56	U	0.40	5.6
1,1-Dichloroethene		1.1	U	0.58	5.6
1,2-Dibromoethane		1.1	U	0.56	5.6
1,2-Dichloroethane		0.56	U	0.38	5.6
1,2-Dichloroethene, Total		1.1	U	0.86	11
1,2-Dichloropropane		1.1	U	0.77	5.6
2-Butanone (MEK)		4.2	J	1.6	22
2-Hexanone		1.1	U	0.71	22
4-Methyl-2-pentanone (MIBK)		1.1	U	0.61	22
Acetone		34	B	7.1	22
Benzene		0.56	U	0.26	5.6
Bromochloromethane		1.1	U	0.80	5.6
Bromodichloromethane		0.56	U	0.31	5.6
Bromoform		0.56	U	0.37	5.6
Bromomethane		1.1	U	0.61	5.6
Carbon disulfide		3.6	J	0.49	5.6
Carbon tetrachloride		0.56	U	0.41	5.6
Chlorobenzene		0.56	U	0.37	5.6
Chloroethane		1.1	U	0.96	5.6
Chloroform		0.56	U	0.33	5.6
Chloromethane		0.56	U	0.46	5.6
cis-1,3-Dichloropropene		0.56	U	0.38	5.6
Dibromochloromethane		1.1	U	0.62	5.6
Ethylbenzene		0.56	U	0.29	5.6
Methyl tert-butyl ether		0.56	U	0.48	5.6
Methylene Chloride		1.1	U	0.75	5.6
Styrene		0.56	U	0.17	5.6
Tetrachloroethene		1.1	U	0.58	5.6
Toluene		0.56	U	0.30	5.6
trans-1,3-Dichloropropene		1.1	U	0.61	5.6
Trichloroethene		0.56	U	0.47	5.6
Vinyl chloride		0.56	U	0.44	5.6
Xylenes, Total		1.7	U	0.75	11

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		61 - 130
4-Bromofluorobenzene (Surr)	89		85 - 120
Dibromofluoromethane (Surr)	81		59 - 138
Toluene-d8 (Surr)	93		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0017M-0001-SO**

Lab Sample ID: 240-17768-7 Date Sampled: 11/14/2012 1215
Client Matrix: Solid % Moisture: 20.8 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149420.D
Dilution:	1.0			Initial Weight/Volume:	5.191 g
Analysis Date:	11/25/2012 1439			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.2	U	0.68	6.1
1,1,2,2-Tetrachloroethane		0.61	U	0.41	6.1
1,1,2-Trichloroethane		0.61	U	0.47	6.1
1,1-Dichloroethane		0.61	U	0.44	6.1
1,1-Dichloroethene		1.2	U	0.63	6.1
1,2-Dibromoethane		1.2	U	0.61	6.1
1,2-Dichloroethane		0.61	U	0.41	6.1
1,2-Dichloroethene, Total		1.2	U	0.94	12
1,2-Dichloropropane		1.2	U	0.84	6.1
2-Butanone (MEK)		9.2	J	1.7	24
2-Hexanone		1.2	U	0.77	24
4-Methyl-2-pentanone (MIBK)		1.2	U	0.66	24
Acetone		52	B	7.7	24
Benzene		0.61	U	0.28	6.1
Bromochloromethane		1.2	U	0.86	6.1
Bromodichloromethane		0.61	U	0.34	6.1
Bromoform		0.61	U	0.40	6.1
Bromomethane		1.2	U	0.66	6.1
Carbon disulfide		3.6	J B	0.54	6.1
Carbon tetrachloride		0.61	U	0.45	6.1
Chlorobenzene		0.61	U	0.40	6.1
Chloroethane		1.2	U	1.0	6.1
Chloroform		0.61	U	0.35	6.1
Chloromethane		0.61	U	0.50	6.1
cis-1,3-Dichloropropene		0.61	U	0.41	6.1
Dibromochloromethane		1.2	U	0.67	6.1
Ethylbenzene		0.61	U	0.32	6.1
Methyl tert-butyl ether		0.61	U	0.52	6.1
Methylene Chloride		1.2	U	0.82	6.1
Styrene		0.61	U	0.18	6.1
Tetrachloroethene		1.2	U	0.63	6.1
Toluene		0.61	U	0.33	6.1
trans-1,3-Dichloropropene		1.2	U	0.66	6.1
Trichloroethene		0.61	U	0.51	6.1
Vinyl chloride		0.61	U	0.47	6.1
Xylenes, Total		1.8	U	0.82	12

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		61 - 130
4-Bromofluorobenzene (Surr)	94		85 - 120
Dibromofluoromethane (Surr)	83		59 - 138
Toluene-d8 (Surr)	94		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0018-0001-TB**

Lab Sample ID: 240-17768-8 Date Sampled: 11/14/2012 0800
Client Matrix: Water Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-65929	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX1135.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/21/2012 1325			Final Weight/Volume:	5 mL
Prep Date:	11/21/2012 1325				

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	0.84	J B	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)	101		85 - 120
1,2-Dichloroethane-d4 (Surr)	104		70 - 120
4-Bromofluorobenzene (Surr)	76		75 - 120
Dibromofluoromethane (Surr)	102		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0037M-0001-SO**

Lab Sample ID: 240-17768-9 Date Sampled: 11/14/2012 1550
Client Matrix: Solid % Moisture: 19.3 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149421.D
Dilution:	1.0			Initial Weight/Volume:	5.31 g
Analysis Date:	11/25/2012 1501			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.2	U	0.65	5.8
1,1,2,2-Tetrachloroethane		0.58	U	0.40	5.8
1,1,2-Trichloroethane		0.58	U	0.46	5.8
1,1-Dichloroethane		0.58	U	0.42	5.8
1,1-Dichloroethene		1.2	U	0.61	5.8
1,2-Dibromoethane		1.2	U	0.58	5.8
1,2-Dichloroethane		0.58	U	0.40	5.8
1,2-Dichloroethene, Total		1.2	U	0.90	12
1,2-Dichloropropane		1.2	U	0.81	5.8
2-Butanone (MEK)		19	J	1.6	23
2-Hexanone		1.2	U	0.74	23
4-Methyl-2-pentanone (MIBK)		1.2	U	0.63	23
Acetone		89	B	7.4	23
Benzene		0.58	U	0.27	5.8
Bromochloromethane		1.2	U	0.83	5.8
Bromodichloromethane		0.58	U	0.33	5.8
Bromoform		0.58	U	0.39	5.8
Bromomethane		1.2	U	0.63	5.8
Carbon disulfide		3.6	J B	0.51	5.8
Carbon tetrachloride		0.58	U	0.43	5.8
Chlorobenzene		0.58	U	0.39	5.8
Chloroethane		1.2	U	1.0	5.8
Chloroform		0.58	U	0.34	5.8
Chloromethane		0.58	U	0.48	5.8
cis-1,3-Dichloropropene		0.58	U	0.40	5.8
Dibromochloromethane		1.2	U	0.64	5.8
Ethylbenzene		0.58	U	0.30	5.8
Methyl tert-butyl ether		0.58	U	0.50	5.8
Methylene Chloride		1.2	U	0.78	5.8
Styrene		0.58	U	0.18	5.8
Tetrachloroethene		1.2	U	0.61	5.8
Toluene		0.58	U	0.32	5.8
trans-1,3-Dichloropropene		1.2	U	0.63	5.8
Trichloroethene		0.58	U	0.49	5.8
Vinyl chloride		0.58	U	0.46	5.8
Xylenes, Total		1.8	U	0.78	12

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		61 - 130
4-Bromofluorobenzene (Surr)	101		85 - 120
Dibromofluoromethane (Surr)	81		59 - 138
Toluene-d8 (Surr)	98		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0038M-0001-SO**

Lab Sample ID: 240-17768-10 Date Sampled: 11/14/2012 1550
Client Matrix: Solid % Moisture: 19.1 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66239	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149444.D
Dilution:	1.0			Initial Weight/Volume:	6.563 g
Analysis Date:	11/26/2012 1520			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		0.94	U	0.53	4.7
1,1,2,2-Tetrachloroethane		0.47	U	0.32	4.7
1,1,2-Trichloroethane		0.47	U	0.37	4.7
1,1-Dichloroethane		0.47	U	0.34	4.7
1,1-Dichloroethene		0.94	U	0.49	4.7
1,2-Dibromoethane		0.94	U	0.47	4.7
1,2-Dichloroethane		0.47	U	0.32	4.7
1,2-Dichloroethene, Total		0.94	U	0.72	9.4
1,2-Dichloropropane		0.94	U	0.65	4.7
2-Butanone (MEK)		1.9	U	1.3	19
2-Hexanone		0.94	U	0.59	19
4-Methyl-2-pentanone (MIBK)		0.94	U	0.51	19
Acetone		5.9	U	5.9	19
Benzene		0.47	U	0.22	4.7
Bromochloromethane		0.94	U	0.67	4.7
Bromodichloromethane		0.47	U	0.26	4.7
Bromoform		0.47	U	0.31	4.7
Bromomethane		0.94	U	0.51	4.7
Carbon disulfide		0.47	U	0.41	4.7
Carbon tetrachloride		0.47	U	0.35	4.7
Chlorobenzene		0.47	U	0.31	4.7
Chloroethane		0.94	U	0.81	4.7
Chloroform		0.47	U	0.27	4.7
Chloromethane		0.47	U	0.39	4.7
cis-1,3-Dichloropropene		0.47	U	0.32	4.7
Dibromochloromethane		0.94	U	0.52	4.7
Ethylbenzene		0.47	U	0.24	4.7
Methyl tert-butyl ether		0.47	U	0.40	4.7
Methylene Chloride		0.68	J	0.63	4.7
Styrene		0.47	U	0.14	4.7
Tetrachloroethene		0.94	U	0.49	4.7
Toluene		0.47	U	0.25	4.7
trans-1,3-Dichloropropene		0.94	U	0.51	4.7
Trichloroethene		0.47	U	0.40	4.7
Vinyl chloride		0.47	U	0.37	4.7
Xylenes, Total		1.4	U	0.63	9.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		61 - 130
4-Bromofluorobenzene (Surr)	87		85 - 120
Dibromofluoromethane (Surr)	80		59 - 138
Toluene-d8 (Surr)	90		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0039M-0001-SO**

Lab Sample ID: 240-17768-11 Date Sampled: 11/14/2012 1500
Client Matrix: Solid % Moisture: 18.7 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149423.D
Dilution:	1.0			Initial Weight/Volume:	5.724 g
Analysis Date:	11/25/2012 1544			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.1	U	0.60	5.4
1,1,2,2-Tetrachloroethane		0.54	U	0.37	5.4
1,1,2-Trichloroethane		0.54	U	0.42	5.4
1,1-Dichloroethane		0.54	U	0.39	5.4
1,1-Dichloroethene		1.1	U	0.56	5.4
1,2-Dibromoethane		1.1	U	0.54	5.4
1,2-Dichloroethane		0.54	U	0.37	5.4
1,2-Dichloroethene, Total		1.1	U	0.83	11
1,2-Dichloropropane		1.1	U	0.74	5.4
2-Butanone (MEK)		2.1	U	1.5	21
2-Hexanone		1.1	U	0.68	21
4-Methyl-2-pentanone (MIBK)		1.1	U	0.58	21
Acetone		20	J B	6.8	21
Benzene		0.54	U	0.25	5.4
Bromochloromethane		1.1	U	0.76	5.4
Bromodichloromethane		0.54	U	0.30	5.4
Bromoform		0.54	U	0.35	5.4
Bromomethane		1.1	U	0.58	5.4
Carbon disulfide		0.54	U	0.47	5.4
Carbon tetrachloride		0.54	U	0.40	5.4
Chlorobenzene		0.54	U	0.35	5.4
Chloroethane		1.1	U	0.92	5.4
Chloroform		0.54	U	0.31	5.4
Chloromethane		0.54	U	0.44	5.4
cis-1,3-Dichloropropene		0.54	U	0.37	5.4
Dibromochloromethane		1.1	U	0.59	5.4
Ethylbenzene		0.54	U	0.28	5.4
Methyl tert-butyl ether		0.54	U	0.46	5.4
Methylene Chloride		11		0.72	5.4
Styrene		0.54	U	0.16	5.4
Tetrachloroethene		1.1	U	0.56	5.4
Toluene		0.40	J	0.29	5.4
trans-1,3-Dichloropropene		1.1	U	0.58	5.4
Trichloroethene		0.54	U	0.45	5.4
Vinyl chloride		0.54	U	0.42	5.4
Xylenes, Total		1.6	U	0.72	11

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		61 - 130
4-Bromofluorobenzene (Surr)	69	Q	85 - 120
Dibromofluoromethane (Surr)	90		59 - 138
Toluene-d8 (Surr)	90		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0040M-0001-SO**

Lab Sample ID: 240-17768-12 Date Sampled: 11/14/2012 1520
Client Matrix: Solid % Moisture: 16.2 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66239	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149446.D
Dilution:	1.0			Initial Weight/Volume:	6.658 g
Analysis Date:	11/26/2012 1603			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		0.90	U	0.50	4.5
1,1,2,2-Tetrachloroethane		0.45	U	0.30	4.5
1,1,2-Trichloroethane		0.45	U	0.35	4.5
1,1-Dichloroethane		0.45	U	0.32	4.5
1,1-Dichloroethene		0.90	U	0.47	4.5
1,2-Dibromoethane		0.90	U	0.45	4.5
1,2-Dichloroethane		0.45	U	0.30	4.5
1,2-Dichloroethene, Total		0.90	U	0.69	9.0
1,2-Dichloropropane		0.90	U	0.62	4.5
2-Butanone (MEK)		1.8	U	1.3	18
2-Hexanone		0.90	U	0.56	18
4-Methyl-2-pentanone (MIBK)		0.90	U	0.48	18
Acetone		5.6	U	5.6	18
Benzene		0.45	U	0.21	4.5
Bromochloromethane		0.90	U	0.64	4.5
Bromodichloromethane		0.45	U	0.25	4.5
Bromoform		0.45	U	0.30	4.5
Bromomethane		0.90	U	0.48	4.5
Carbon disulfide		0.45	U	0.39	4.5
Carbon tetrachloride		0.45	U	0.33	4.5
Chlorobenzene		0.45	U	0.30	4.5
Chloroethane		0.90	U	0.77	4.5
Chloroform		0.45	U	0.26	4.5
Chloromethane		0.45	U	0.37	4.5
cis-1,3-Dichloropropene		0.45	U	0.30	4.5
Dibromochloromethane		0.90	U	0.49	4.5
Ethylbenzene		0.45	U	0.23	4.5
Methyl tert-butyl ether		0.45	U	0.39	4.5
Methylene Chloride		0.90	U	0.60	4.5
Styrene		0.45	U	0.13	4.5
Tetrachloroethene		0.90	U	0.47	4.5
Toluene		0.45	U	0.24	4.5
trans-1,3-Dichloropropene		0.90	U	0.48	4.5
Trichloroethene		0.45	U	0.38	4.5
Vinyl chloride		0.45	U	0.35	4.5
Xylenes, Total		1.3	U	0.60	9.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		61 - 130
4-Bromofluorobenzene (Surr)	87		85 - 120
Dibromofluoromethane (Surr)	80		59 - 138
Toluene-d8 (Surr)	89		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0041M-0001-SO**

Lab Sample ID: 240-17768-13 Date Sampled: 11/14/2012 1530
Client Matrix: Solid % Moisture: 14.4 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149425.D
Dilution:	1.0			Initial Weight/Volume:	6.317 g
Analysis Date:	11/25/2012 1627			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		0.92	U	0.52	4.6
1,1,2,2-Tetrachloroethane		0.46	U	0.31	4.6
1,1,2-Trichloroethane		0.46	U	0.36	4.6
1,1-Dichloroethane		0.46	U	0.33	4.6
1,1-Dichloroethene		0.92	U	0.48	4.6
1,2-Dibromoethane		0.92	U	0.46	4.6
1,2-Dichloroethane		0.46	U	0.31	4.6
1,2-Dichloroethene, Total		0.92	U	0.71	9.2
1,2-Dichloropropane		0.92	U	0.64	4.6
2-Butanone (MEK)		1.8	U	1.3	18
2-Hexanone		0.92	U	0.58	18
4-Methyl-2-pentanone (MIBK)		0.92	U	0.50	18
Acetone		5.8	U	5.8	18
Benzene		0.46	U	0.21	4.6
Bromochloromethane		0.92	U	0.66	4.6
Bromodichloromethane		0.46	U	0.26	4.6
Bromoform		0.46	U	0.30	4.6
Bromomethane		0.92	U	0.50	4.6
Carbon disulfide		0.46	U	0.41	4.6
Carbon tetrachloride		0.46	U	0.34	4.6
Chlorobenzene		0.46	U	0.30	4.6
Chloroethane		0.92	U	0.79	4.6
Chloroform		0.46	U	0.27	4.6
Chloromethane		0.46	U	0.38	4.6
cis-1,3-Dichloropropene		0.46	U	0.31	4.6
Dibromochloromethane		0.92	U	0.51	4.6
Ethylbenzene		0.46	U	0.24	4.6
Methyl tert-butyl ether		0.46	U	0.40	4.6
Methylene Chloride		0.92	U	0.62	4.6
Styrene		0.46	U	0.14	4.6
Tetrachloroethene		0.92	U	0.48	4.6
Toluene		0.46	U	0.25	4.6
trans-1,3-Dichloropropene		0.92	U	0.50	4.6
Trichloroethene		0.46	U	0.39	4.6
Vinyl chloride		0.46	U	0.36	4.6
Xylenes, Total		1.4	U	0.62	9.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		61 - 130
4-Bromofluorobenzene (Surr)	87		85 - 120
Dibromofluoromethane (Surr)	81		59 - 138
Toluene-d8 (Surr)	92		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0042M-0001-SO**

Lab Sample ID: 240-17768-14 Date Sampled: 11/14/2012 1545
Client Matrix: Solid % Moisture: 19.9 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149426.D
Dilution:	1.0			Initial Weight/Volume:	5.905 g
Analysis Date:	11/25/2012 1648			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.1	U	0.59	5.3
1,1,2,2-Tetrachloroethane		0.53	U	0.36	5.3
1,1,2-Trichloroethane		0.53	U	0.41	5.3
1,1-Dichloroethane		0.53	U	0.38	5.3
1,1-Dichloroethene		1.1	U	0.55	5.3
1,2-Dibromoethane		1.1	U	0.53	5.3
1,2-Dichloroethane		0.53	U	0.36	5.3
1,2-Dichloroethene, Total		1.1	U	0.81	11
1,2-Dichloropropane		1.1	U	0.73	5.3
2-Butanone (MEK)		2.1	U	1.5	21
2-Hexanone		1.1	U	0.67	21
4-Methyl-2-pentanone (MIBK)		1.1	U	0.57	21
Acetone		14	J B	6.7	21
Benzene		0.53	U	0.24	5.3
Bromochloromethane		1.1	U	0.75	5.3
Bromodichloromethane		0.53	U	0.30	5.3
Bromoform		0.53	U	0.35	5.3
Bromomethane		1.1	U	0.57	5.3
Carbon disulfide		0.53	U	0.47	5.3
Carbon tetrachloride		0.53	U	0.39	5.3
Chlorobenzene		0.53	U	0.35	5.3
Chloroethane		1.1	U	0.91	5.3
Chloroform		0.53	U	0.31	5.3
Chloromethane		0.53	U	0.43	5.3
cis-1,3-Dichloropropene		0.53	U	0.36	5.3
Dibromochloromethane		1.1	U	0.58	5.3
Ethylbenzene		0.53	U	0.27	5.3
Methyl tert-butyl ether		0.53	U	0.45	5.3
Methylene Chloride		1.1	J	0.71	5.3
Styrene		0.53	U	0.16	5.3
Tetrachloroethene		1.1	U	0.55	5.3
Toluene		0.53	U	0.29	5.3
trans-1,3-Dichloropropene		1.1	U	0.57	5.3
Trichloroethene		0.53	U	0.44	5.3
Vinyl chloride		0.53	U	0.41	5.3
Xylenes, Total		1.6	U	0.71	11

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		61 - 130
4-Bromofluorobenzene (Surr)	77	Q	85 - 120
Dibromofluoromethane (Surr)	87		59 - 138
Toluene-d8 (Surr)	93		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0043M-0001-SO**

Lab Sample ID: 240-17768-15 Date Sampled: 11/14/2012 1555
Client Matrix: Solid % Moisture: 15.4 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149427.D
Dilution:	1.0			Initial Weight/Volume:	5.344 g
Analysis Date:	11/25/2012 1710			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.1	U	0.62	5.5
1,1,2,2-Tetrachloroethane		0.55	U	0.38	5.5
1,1,2-Trichloroethane		0.55	U	0.43	5.5
1,1-Dichloroethane		0.55	U	0.40	5.5
1,1-Dichloroethene		1.1	U	0.57	5.5
1,2-Dibromoethane		1.1	U	0.55	5.5
1,2-Dichloroethane		0.55	U	0.38	5.5
1,2-Dichloroethene, Total		1.1	U	0.85	11
1,2-Dichloropropane		1.1	U	0.76	5.5
2-Butanone (MEK)		3.2	J	1.5	22
2-Hexanone		1.1	U	0.70	22
4-Methyl-2-pentanone (MIBK)		1.1	U	0.60	22
Acetone		37	B	7.0	22
Benzene		0.55	U	0.25	5.5
Bromochloromethane		1.1	U	0.78	5.5
Bromodichloromethane		0.55	U	0.31	5.5
Bromoform		0.55	U	0.36	5.5
Bromomethane		1.1	U	0.60	5.5
Carbon disulfide		0.55	U	0.49	5.5
Carbon tetrachloride		0.55	U	0.41	5.5
Chlorobenzene		0.55	U	0.36	5.5
Chloroethane		1.1	U	0.95	5.5
Chloroform		0.55	U	0.32	5.5
Chloromethane		0.55	U	0.45	5.5
cis-1,3-Dichloropropene		0.55	U	0.38	5.5
Dibromochloromethane		1.1	U	0.61	5.5
Ethylbenzene		0.55	U	0.29	5.5
Methyl tert-butyl ether		0.55	U	0.48	5.5
Methylene Chloride		1.1	U	0.74	5.5
Styrene		0.55	U	0.17	5.5
Tetrachloroethene		1.1	U	0.57	5.5
Toluene		0.55	U	0.30	5.5
trans-1,3-Dichloropropene		1.1	U	0.60	5.5
Trichloroethene		0.55	U	0.46	5.5
Vinyl chloride		0.55	U	0.43	5.5
Xylenes, Total		1.7	U	0.74	11

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		61 - 130
4-Bromofluorobenzene (Surr)	92		85 - 120
Dibromofluoromethane (Surr)	80		59 - 138
Toluene-d8 (Surr)	93		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0044-0001-TB**

Lab Sample ID: 240-17768-16 Date Sampled: 11/14/2012 0800
Client Matrix: Water Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-65929	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX1137.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/21/2012 1409			Final Weight/Volume:	5 mL
Prep Date:	11/21/2012 1409				

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	0.80	J B	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)	104		85 - 120
1,2-Dichloroethane-d4 (Surr)	112		70 - 120
4-Bromofluorobenzene (Surr)	78		75 - 120
Dibromofluoromethane (Surr)	108		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0030M-0001-SO**

Lab Sample ID: 240-17768-17 Date Sampled: 11/14/2012 1615
Client Matrix: Solid % Moisture: 12.6 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149428.D
Dilution:	1.0			Initial Weight/Volume:	5.919 g
Analysis Date:	11/25/2012 1731			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		0.97	U	0.54	4.8
1,1,2,2-Tetrachloroethane		0.48	U	0.33	4.8
1,1,2-Trichloroethane		0.48	U	0.38	4.8
1,1-Dichloroethane		0.48	U	0.35	4.8
1,1-Dichloroethene		0.97	U	0.50	4.8
1,2-Dibromoethane		0.97	U	0.48	4.8
1,2-Dichloroethane		0.48	U	0.33	4.8
1,2-Dichloroethene, Total		0.97	U	0.74	9.7
1,2-Dichloropropane		0.97	U	0.67	4.8
2-Butanone (MEK)		5.3	J	1.4	19
2-Hexanone		0.97	U	0.61	19
4-Methyl-2-pentanone (MIBK)		0.97	U	0.52	19
Acetone		33	B	6.1	19
Benzene		0.48	U	0.22	4.8
Bromochloromethane		0.97	U	0.69	4.8
Bromodichloromethane		0.48	U	0.27	4.8
Bromoform		0.48	U	0.32	4.8
Bromomethane		0.97	U	0.52	4.8
Carbon disulfide		2.9	J B	0.43	4.8
Carbon tetrachloride		0.48	U	0.36	4.8
Chlorobenzene		0.48	U	0.32	4.8
Chloroethane		0.97	U	0.83	4.8
Chloroform		0.48	U	0.28	4.8
Chloromethane		0.48	U	0.40	4.8
cis-1,3-Dichloropropene		0.48	U	0.33	4.8
Dibromochloromethane		0.97	U	0.53	4.8
Ethylbenzene		0.48	U	0.25	4.8
Methyl tert-butyl ether		0.48	U	0.42	4.8
Methylene Chloride		0.97	U	0.65	4.8
Styrene		0.48	U	0.14	4.8
Tetrachloroethene		0.97	U	0.50	4.8
Toluene		0.48	U	0.26	4.8
trans-1,3-Dichloropropene		0.97	U	0.52	4.8
Trichloroethene		0.48	U	0.41	4.8
Vinyl chloride		0.48	U	0.38	4.8
Xylenes, Total		1.4	U	0.65	9.7

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		61 - 130
4-Bromofluorobenzene (Surr)	88		85 - 120
Dibromofluoromethane (Surr)	81		59 - 138
Toluene-d8 (Surr)	92		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0031M-0001-SO**

Lab Sample ID: 240-17768-18 Date Sampled: 11/14/2012 1615
Client Matrix: Solid % Moisture: 22.1 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149429.D
Dilution:	1.0			Initial Weight/Volume:	4.36 g
Analysis Date:	11/25/2012 1753			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		1.5	U	0.82	7.4
1,1,2,2-Tetrachloroethane		0.74	U	0.50	7.4
1,1,2-Trichloroethane		0.74	U	0.57	7.4
1,1-Dichloroethane		0.74	U	0.53	7.4
1,1-Dichloroethene		1.5	U	0.77	7.4
1,2-Dibromoethane		1.5	U	0.74	7.4
1,2-Dichloroethane		0.74	U	0.50	7.4
1,2-Dichloroethene, Total		1.5	U	1.1	15
1,2-Dichloropropane		1.5	U	1.0	7.4
2-Butanone (MEK)		13	J	2.1	29
2-Hexanone		1.5	U	0.93	29
4-Methyl-2-pentanone (MIBK)		1.5	U	0.79	29
Acetone		67	B	9.3	29
Benzene		0.74	U	0.34	7.4
Bromochloromethane		1.5	U	1.0	7.4
Bromodichloromethane		0.74	U	0.41	7.4
Bromoform		0.74	U	0.49	7.4
Bromomethane		1.5	U	0.79	7.4
Carbon disulfide		4.3	J B	0.65	7.4
Carbon tetrachloride		0.74	U	0.54	7.4
Chlorobenzene		0.74	U	0.49	7.4
Chloroethane		1.5	U	1.3	7.4
Chloroform		0.74	U	0.43	7.4
Chloromethane		0.74	U	0.60	7.4
cis-1,3-Dichloropropene		0.74	U	0.50	7.4
Dibromochloromethane		1.5	U	0.81	7.4
Ethylbenzene		0.74	U	0.38	7.4
Methyl tert-butyl ether		0.74	U	0.63	7.4
Methylene Chloride		11		0.99	7.4
Styrene		0.74	U	0.22	7.4
Tetrachloroethene		1.5	U	0.77	7.4
Toluene		0.49	J	0.40	7.4
trans-1,3-Dichloropropene		1.5	U	0.79	7.4
Trichloroethene		0.74	U	0.62	7.4
Vinyl chloride		0.74	U	0.57	7.4
Xylenes, Total		2.2	U	0.99	15

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		61 - 130
4-Bromofluorobenzene (Surr)	93		85 - 120
Dibromofluoromethane (Surr)	81		59 - 138
Toluene-d8 (Surr)	96		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0032M-0001-SO**

Lab Sample ID: 240-17768-19 Date Sampled: 11/14/2012 1615
Client Matrix: Solid % Moisture: 12.8 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149430.D
Dilution:	1.0			Initial Weight/Volume:	6.027 g
Analysis Date:	11/25/2012 1814			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		0.95	U	0.53	4.8
1,1,2,2-Tetrachloroethane		0.48	U	0.32	4.8
1,1,2-Trichloroethane		0.48	U	0.37	4.8
1,1-Dichloroethane		0.48	U	0.34	4.8
1,1-Dichloroethene		0.95	U	0.49	4.8
1,2-Dibromoethane		0.95	U	0.48	4.8
1,2-Dichloroethane		0.48	U	0.32	4.8
1,2-Dichloroethene, Total		0.95	U	0.73	9.5
1,2-Dichloropropane		0.95	U	0.66	4.8
2-Butanone (MEK)		3.9	J	1.3	19
2-Hexanone		0.95	U	0.60	19
4-Methyl-2-pentanone (MIBK)		0.95	U	0.51	19
Acetone		28	B	6.0	19
Benzene		0.48	U	0.22	4.8
Bromochloromethane		0.95	U	0.68	4.8
Bromodichloromethane		0.48	U	0.27	4.8
Bromoform		0.48	U	0.31	4.8
Bromomethane		0.95	U	0.51	4.8
Carbon disulfide		2.8	J B	0.42	4.8
Carbon tetrachloride		0.48	U	0.35	4.8
Chlorobenzene		0.48	U	0.31	4.8
Chloroethane		0.95	U	0.82	4.8
Chloroform		0.48	U	0.28	4.8
Chloromethane		0.48	U	0.39	4.8
cis-1,3-Dichloropropene		0.48	U	0.32	4.8
Dibromochloromethane		0.95	U	0.52	4.8
Ethylbenzene		0.48	U	0.25	4.8
Methyl tert-butyl ether		0.48	U	0.41	4.8
Methylene Chloride		0.95	U	0.64	4.8
Styrene		0.48	U	0.14	4.8
Tetrachloroethene		0.95	U	0.49	4.8
Toluene		0.48	U	0.26	4.8
trans-1,3-Dichloropropene		0.95	U	0.51	4.8
Trichloroethene		0.48	U	0.40	4.8
Vinyl chloride		0.48	U	0.37	4.8
Xylenes, Total		1.4	U	0.64	9.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		61 - 130
4-Bromofluorobenzene (Surr)	87		85 - 120
Dibromofluoromethane (Surr)	83		59 - 138
Toluene-d8 (Surr)	91		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0033M-0001-SO**

Lab Sample ID: 240-17768-20 Date Sampled: 11/14/2012 1645
Client Matrix: Solid % Moisture: 15.7 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149431.D
Dilution:	1.0			Initial Weight/Volume:	6.503 g
Analysis Date:	11/25/2012 1836			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		0.91	U	0.51	4.6
1,1,2,2-Tetrachloroethane		0.46	U	0.31	4.6
1,1,2-Trichloroethane		0.46	U	0.36	4.6
1,1-Dichloroethane		0.46	U	0.33	4.6
1,1-Dichloroethene		0.91	U	0.47	4.6
1,2-Dibromoethane		0.91	U	0.46	4.6
1,2-Dichloroethane		0.46	U	0.31	4.6
1,2-Dichloroethene, Total		0.91	U	0.70	9.1
1,2-Dichloropropane		0.91	U	0.63	4.6
2-Butanone (MEK)		3.2	J	1.3	18
2-Hexanone		0.91	U	0.57	18
4-Methyl-2-pentanone (MIBK)		0.91	U	0.49	18
Acetone		22	B	5.7	18
Benzene		0.46	U	0.21	4.6
Bromochloromethane		0.91	U	0.65	4.6
Bromodichloromethane		0.46	U	0.26	4.6
Bromoform		0.46	U	0.30	4.6
Bromomethane		0.91	U	0.49	4.6
Carbon disulfide		0.46	U	0.40	4.6
Carbon tetrachloride		0.46	U	0.34	4.6
Chlorobenzene		0.46	U	0.30	4.6
Chloroethane		0.91	U	0.78	4.6
Chloroform		0.46	U	0.26	4.6
Chloromethane		0.46	U	0.37	4.6
cis-1,3-Dichloropropene		0.46	U	0.31	4.6
Dibromochloromethane		0.91	U	0.50	4.6
Ethylbenzene		0.46	U	0.24	4.6
Methyl tert-butyl ether		0.46	U	0.39	4.6
Methylene Chloride		0.91	U	0.61	4.6
Styrene		0.46	U	0.14	4.6
Tetrachloroethene		0.91	U	0.47	4.6
Toluene		0.46	U	0.25	4.6
trans-1,3-Dichloropropene		0.91	U	0.49	4.6
Trichloroethene		0.46	U	0.38	4.6
Vinyl chloride		0.46	U	0.36	4.6
Xylenes, Total		1.4	U	0.61	9.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		61 - 130
4-Bromofluorobenzene (Surr)	89		85 - 120
Dibromofluoromethane (Surr)	78		59 - 138
Toluene-d8 (Surr)	87		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0034M-0001-SO**

Lab Sample ID: 240-17768-21 Date Sampled: 11/14/2012 1700
Client Matrix: Solid % Moisture: 21.9 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66239	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65921	Lab File ID:	149442.D
Dilution:	1.0			Initial Weight/Volume:	5.26 g
Analysis Date:	11/26/2012 1437			Final Weight/Volume:	5 mL
Prep Date:	11/21/2012 1103				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		26	U	26	300
1,1,2,2-Tetrachloroethane		30	U	11	300
1,1,2-Trichloroethane		30	U	15	300
1,1-Dichloroethane		30	U	21	300
1,1-Dichloroethene		30	U	22	300
1,2-Dichloroethane		30	U	12	300
1,2-Dichloroethene, Total		10	U	10	610
1,2-Dichloropropane		12	U	10	300
2-Butanone (MEK)		120	U	52	1200
2-Hexanone		61	U	24	1200
4-Methyl-2-pentanone (MIBK)		120	U	58	1200
Acetone		240	U	210	1200
Benzene		30	U	15	300
Bromoform		30	U	23	300
Bromomethane		61	U	35	300
Carbon disulfide		30	U	15	300
Carbon tetrachloride		12	U	7.8	300
Chlorobenzene		12	U	7.8	300
Chloromethane		30	U	17	300
cis-1,3-Dichloropropene		12	U	9.6	300
Dibromochloromethane		30	U	15	300
Bromodichloromethane		30	U	12	300
Ethylbenzene		12	U	6.6	300
Methyl tert-butyl ether		12	U	8.6	300
Methylene Chloride		98	J	94	300
Styrene		12	U	6.8	300
Tetrachloroethene		30	U	15	300
Toluene		30	U	21	300
trans-1,3-Dichloropropene		30	U	24	300
Trichloroethene		30	U	12	300
Vinyl chloride		30	U	22	300
Xylenes, Total		37	U	9.9	610
Chloroform		30	U	11	300
Bromochloromethane		30	U	16	300
1,2-Dibromoethane		30	U	12	300
Chloroethane		120	U	74	300

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	73	Q	85 - 115
1,2-Dichloroethane-d4 (Surr)	83		61 - 130
4-Bromofluorobenzene (Surr)	79	Q	85 - 120
Dibromofluoromethane (Surr)	72		59 - 138

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0035M-0001-SO**

Lab Sample ID: 240-17768-22 Date Sampled: 11/14/2012 1730
Client Matrix: Solid % Moisture: 12.4 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66239	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149448.D
Dilution:	1.0			Initial Weight/Volume:	6.288 g
Analysis Date:	11/26/2012 1646			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1,1-Trichloroethane		0.91	U	0.51	4.5
1,1,2,2-Tetrachloroethane		0.45	U	0.31	4.5
1,1,2-Trichloroethane		0.45	U	0.35	4.5
1,1-Dichloroethane		0.45	U	0.33	4.5
1,1-Dichloroethene		0.91	U	0.47	4.5
1,2-Dibromoethane		0.91	U	0.45	4.5
1,2-Dichloroethane		0.45	U	0.31	4.5
1,2-Dichloroethene, Total		0.91	U	0.70	9.1
1,2-Dichloropropane		0.91	U	0.63	4.5
2-Butanone (MEK)		2.3	J	1.3	18
2-Hexanone		0.91	U	0.57	18
4-Methyl-2-pentanone (MIBK)		0.91	U	0.49	18
Acetone		19	B	5.7	18
Benzene		0.45	U	0.21	4.5
Bromochloromethane		0.91	U	0.64	4.5
Bromodichloromethane		0.45	U	0.25	4.5
Bromoform		0.45	U	0.30	4.5
Bromomethane		0.91	U	0.49	4.5
Carbon disulfide		2.7	J	0.40	4.5
Carbon tetrachloride		0.45	U	0.34	4.5
Chlorobenzene		0.45	U	0.30	4.5
Chloroethane		0.91	U	0.78	4.5
Chloroform		0.45	U	0.26	4.5
Chloromethane		0.45	U	0.37	4.5
cis-1,3-Dichloropropene		0.45	U	0.31	4.5
Dibromochloromethane		0.91	U	0.50	4.5
Ethylbenzene		0.45	U	0.24	4.5
Methyl tert-butyl ether		0.45	U	0.39	4.5
Methylene Chloride		0.91	U	0.61	4.5
Styrene		0.45	U	0.14	4.5
Tetrachloroethene		0.91	U	0.47	4.5
Toluene		0.45	U	0.25	4.5
trans-1,3-Dichloropropene		0.91	U	0.49	4.5
Trichloroethene		0.45	U	0.38	4.5
Vinyl chloride		0.45	U	0.35	4.5
Xylenes, Total		1.4	U	0.61	9.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		61 - 130
4-Bromofluorobenzene (Surr)	88		85 - 120
Dibromofluoromethane (Surr)	82		59 - 138
Toluene-d8 (Surr)	88		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0036M-0001-SO**

Lab Sample ID: 240-17768-23 Date Sampled: 11/14/2012 1745
Client Matrix: Solid % Moisture: 12.9 Date Received: 11/15/2012 0835

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

Analysis Method:	8260B/DoD	Analysis Batch:	240-66239	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-65854	Lab File ID:	149449.D
Dilution:	1.0			Initial Weight/Volume:	6.497 g
Analysis Date:	11/26/2012 1708			Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 2100				

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		0.44	U	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	0.56	18
4-Methyl-2-pentanone (MIBK)		0.88	U	0.48	18
Acetone		5.6	U	5.6	18
Benzene		0.44	U	0.20	4.4
Bromochloromethane		0.88	U	0.63	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	0.49	4.4
Ethylbenzene		0.44	U	0.23	4.4
Methyl tert-butyl ether		0.44	U	0.38	4.4
Methylene Chloride		0.88	U	0.59	4.4
Styrene		0.44	U	0.13	4.4
Tetrachloroethene		0.88	U	0.46	4.4
Toluene		0.44	U	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)	96		61 - 130
4-Bromofluorobenzene (Surr)	93		85 - 120
Dibromofluoromethane (Surr)	84		59 - 138
Toluene-d8 (Surr)	94		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0011M-0001-SO**

Lab Sample ID: 240-17768-1 Date Sampled: 11/14/2012 1250
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67052	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66237	Lab File ID:	21203015.D
Dilution:	4.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.97 g
Analysis Date:	12/03/2012 1647			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0949			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		13	U	13	27
Acenaphthylene		13	U	13	27
Anthracene		13	U	13	27
Benzo[a]anthracene		13	U	13	27
Benzo[a]pyrene		13	U	13	27
Benzo[b]fluoranthene		13	U	13	27
Benzo[g,h,i]perylene		13	U	13	27
Benzoic acid		1300	U	1300	2600
Benzo[k]fluoranthene		13	U	13	27
Benzyl alcohol		110	U	84	1300
Bis(2-chloroethoxy)methane		110	U	88	400
Bis(2-chloroethyl)ether		13	U	8.0	400
bis (2-chloroisopropyl) ether		110	U	38	400
Bis(2-ethylhexyl) phthalate		110	U	76	200
4-Bromophenyl phenyl ether		110	U	52	200
Butyl benzyl phthalate		110	U	40	200
Carbazole		110	U	110	200
4-Chloroaniline		110	U	68	600
4-Chloro-3-methylphenol		110	U	84	600
2-Chloronaphthalene		13	U	13	200
2-Chlorophenol		110	U	110	200
4-Chlorophenyl phenyl ether		110	U	52	200
Chrysene		13	U	4.4	27
Dibenz(a,h)anthracene		13	U	13	27
Dibenzofuran		13	U	13	200
1,2-Dichlorobenzene		110	U	39	200
1,3-Dichlorobenzene		110	U	44	200
1,4-Dichlorobenzene		110	U	80	200
3,3'-Dichlorobenzidine		320	U	72	400
2,4-Dichlorophenol		110	U	80	600
Diethyl phthalate		110	U	64	200
2,4-Dimethylphenol		320	U	80	600
Dimethyl phthalate		110	U	68	200
Di-n-butyl phthalate		110	U	60	200
4,6-Dinitro-2-methylphenol		320	U J	320	600
2,4-Dinitrophenol		320	U J	320	1300
2,4-Dinitrotoluene		110	U	110	800
2,6-Dinitrotoluene		110	U	84	800
Di-n-octyl phthalate		110	U	110	200
Fluoranthene		15	J	13	27
Fluorene		13	U	13	27
Hexachlorobenzene		13	U	8.4	27
Hexachlorobutadiene		110	U	110	200
Hexachlorocyclopentadiene		110	U	110	1300
Hexachloroethane		110	U	36	200

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0011M-0001-SO**

Lab Sample ID: 240-17768-1 Date Sampled: 11/14/2012 1250
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67052	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66237	Lab File ID:	21203015.D
Dilution:	4.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.97 g
Analysis Date:	12/03/2012 1647			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0949			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		13	U	13	27
Isophorone		110	U	52	200
2-Methylnaphthalene		18	J	13	27
2-Methylphenol		320	U	320	800
3 & 4 Methylphenol		320	U	80	1600
Naphthalene		13	U	13	27
2-Nitroaniline		110	U	36	800
3-Nitroaniline		320	U	64	800
4-Nitroaniline		110	U	100	800
Nitrobenzene		13	U	8.8	400
2-Nitrophenol		110	U	110	200
4-Nitrophenol		320	U	320	1300
N-Nitrosodi-n-propylamine		110	U	110	200
N-Nitrosodiphenylamine		110	U	84	200
Pentachlorophenol		320	U	320	600
Phenanthrene		29		13	27
Phenol		110	U	110	200
Pyrene		26	J	13	27
1,2,4-Trichlorobenzene		110	U	110	200
2,4,5-Trichlorophenol		110	U	100	600
2,4,6-Trichlorophenol		320	U	320	600

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	59		45 - 105
2-Fluorophenol (Surr)	58		35 - 105
Nitrobenzene-d5 (Surr)	57		35 - 100
Phenol-d5 (Surr)	61		40 - 100
Terphenyl-d14 (Surr)	68		30 - 125
2,4,6-Tribromophenol (Surr)	60		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0012M-0001-SO**

Lab Sample ID: 240-17768-2 Date Sampled: 11/14/2012 1250
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66227	Lab File ID:	21205018.D
Dilution:	20	Leach Batch:	240-65974	Initial Weight/Volume:	30.03 g
Analysis Date:	12/05/2012 1544			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		860	D	66	130
Acenaphthylene		66	U	66	130
Anthracene		66	U	66	130
Benzo[a]anthracene		360	D M	66	130
Benzo[a]pyrene		320	D	66	130
Benzo[b]fluoranthene		66	U	66	130
Benzo[g,h,i]perylene		140	D	66	130
Benzoic acid		6700	U	6700	13000
Benzo[k]fluoranthene		66	U	66	130
Benzyl alcohol		540	U	420	6600
Bis(2-chloroethoxy)methane		540	U	440	2000
Bis(2-chloroethyl)ether		66	U	40	2000
bis (2-chloroisopropyl) ether		540	U	190	2000
Bis(2-ethylhexyl) phthalate		540	U	380	1000
4-Bromophenyl phenyl ether		540	U	260	1000
Butyl benzyl phthalate		540	U	200	1000
Carbazole		540	U	540	1000
4-Chloroaniline		540	U	340	3000
4-Chloro-3-methylphenol		540	U	420	3000
2-Chloronaphthalene		66	U	66	1000
2-Chlorophenol		540	U	540	1000
4-Chlorophenyl phenyl ether		540	U	260	1000
Chrysene		310	D	22	130
Dibenz(a,h)anthracene		66	U	66	130
Dibenzofuran		470	J D	66	1000
1,2-Dichlorobenzene		540	U	190	1000
1,3-Dichlorobenzene		540	U	220	1000
1,4-Dichlorobenzene		540	U	400	1000
3,3'-Dichlorobenzidine		1600	U	360	2000
2,4-Dichlorophenol		540	U	400	3000
Diethyl phthalate		540	U	320	1000
2,4-Dimethylphenol		1600	U	400	3000
Dimethyl phthalate		540	U	340	1000
Di-n-butyl phthalate		540	U	300	1000
4,6-Dinitro-2-methylphenol		1600	U	1600	3000
2,4-Dinitrophenol		1600	U	1600	6600
2,4-Dinitrotoluene		540	U	540	4000
2,6-Dinitrotoluene		540	U	420	4000
Di-n-octyl phthalate		540	U	540	1000
Fluoranthene		380	D	66	130
Fluorene		1400	D	66	130
Hexachlorobenzene		66	U	42	130
Hexachlorobutadiene		540	U	540	1000
Hexachlorocyclopentadiene		540	U	540	6600
Hexachloroethane		540	U	180	1000

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0012M-0001-SO**

Lab Sample ID: 240-17768-2 Date Sampled: 11/14/2012 1250
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66227	Lab File ID:	21205018.D
Dilution:	20	Leach Batch:	240-65974	Initial Weight/Volume:	30.03 g
Analysis Date:	12/05/2012 1544			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		66	U	66	130
Isophorone		540	U	260	1000
2-Methylnaphthalene		3000	D	66	130
2-Methylphenol		1600	U	1600	4000
3 & 4 Methylphenol		1600	U	400	8000
Naphthalene		180	D	66	130
2-Nitroaniline		540	U	180	4000
3-Nitroaniline		1600	U	320	4000
4-Nitroaniline		540	U	520	4000
Nitrobenzene		66	U	44	2000
2-Nitrophenol		540	U	540	1000
4-Nitrophenol		1600	U	1600	6600
N-Nitrosodi-n-propylamine		540	U	540	1000
N-Nitrosodiphenylamine		540	U	420	1000
Pentachlorophenol		1600	U	1600	3000
Phenanthrene		2400	D	66	130
Phenol		540	U	540	1000
Pyrene		2200	D	66	130
1,2,4-Trichlorobenzene		540	U	540	1000
2,4,5-Trichlorophenol		540	U	500	3000
2,4,6-Trichlorophenol		1600	U	1600	3000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	82		45 - 105
2-Fluorophenol (Surr)	80		35 - 105
Nitrobenzene-d5 (Surr)	80		35 - 100
Phenol-d5 (Surr)	87		40 - 100
Terphenyl-d14 (Surr)	82		30 - 125
2,4,6-Tribromophenol (Surr)	82		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0013M-0001-SO**

Lab Sample ID: 240-17768-3 Date Sampled: 11/14/2012 1100
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66227	Lab File ID:	21205019.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.60 g
Analysis Date:	12/05/2012 1608			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		17	U	17	34
Acenaphthylene		17	U	17	34
Anthracene		17	U	17	34
Benzo[a]anthracene		17	U	17	34
Benzo[a]pyrene		62	D	17	34
Benzo[b]fluoranthene		17	U	17	34
Benzo[g,h,i]perylene		45	D	17	34
Benzoic acid		1700	U	1700	3300
Benzo[k]fluoranthene		17	U	17	34
Benzyl alcohol		140	U	110	1700
Bis(2-chloroethoxy)methane		140	U	110	510
Bis(2-chloroethyl)ether		17	U	10	510
bis (2-chloroisopropyl) ether		140	U	48	510
Bis(2-ethylhexyl) phthalate		140	U	96	250
4-Bromophenyl phenyl ether		140	U	66	250
Butyl benzyl phthalate		140	U	51	250
Carbazole		140	U	140	250
4-Chloroaniline		140	U	86	760
4-Chloro-3-methylphenol		140	U	110	760
2-Chloronaphthalene		17	U	17	250
2-Chlorophenol		140	U	140	250
4-Chlorophenyl phenyl ether		140	U	66	250
Chrysene		17	U	5.6	34
Dibenz(a,h)anthracene		17	U	17	34
Dibenzofuran		17	U	17	250
1,2-Dichlorobenzene		140	U	49	250
1,3-Dichlorobenzene		140	U	56	250
1,4-Dichlorobenzene		140	U	100	250
3,3'-Dichlorobenzidine		410	U	91	510
2,4-Dichlorophenol		140	U	100	760
Diethyl phthalate		140	U	81	250
2,4-Dimethylphenol		410	U	100	760
Dimethyl phthalate		140	U	86	250
Di-n-butyl phthalate		140	U	76	250
4,6-Dinitro-2-methylphenol		410	U	410	760
2,4-Dinitrophenol		410	U	410	1700
2,4-Dinitrotoluene		140	U	140	1000
2,6-Dinitrotoluene		140	U	110	1000
Di-n-octyl phthalate		140	U	140	250
Fluoranthene		18	J D	17	34
Fluorene		17	U	17	34
Hexachlorobenzene		17	U	11	34
Hexachlorobutadiene		140	U	140	250
Hexachlorocyclopentadiene		140	U	140	1700
Hexachloroethane		140	U	46	250

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0013M-0001-SO**

Lab Sample ID: 240-17768-3 Date Sampled: 11/14/2012 1100
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66227	Lab File ID:	21205019.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.60 g
Analysis Date:	12/05/2012 1608			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		17	U	17	34
Isophorone		140	U	66	250
2-Methylnaphthalene		17	U	17	34
2-Methylphenol		410	U	410	1000
3 & 4 Methylphenol		410	U	100	2000
Naphthalene		17	U	17	34
2-Nitroaniline		140	U	46	1000
3-Nitroaniline		410	U	81	1000
4-Nitroaniline		140	U	130	1000
Nitrobenzene		17	U	11	510
2-Nitrophenol		140	U	140	250
4-Nitrophenol		410	U	410	1700
N-Nitrosodi-n-propylamine		140	U	140	250
N-Nitrosodiphenylamine		140	U	110	250
Pentachlorophenol		410	U	410	760
Phenanthrene		36	D	17	34
Phenol		140	U	140	250
Pyrene		28	J D	17	34
1,2,4-Trichlorobenzene		140	U	140	250
2,4,5-Trichlorophenol		140	U	130	760
2,4,6-Trichlorophenol		410	U	410	760

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	62		45 - 105
2-Fluorophenol (Surr)	63		35 - 105
Nitrobenzene-d5 (Surr)	59		35 - 100
Phenol-d5 (Surr)	65		40 - 100
Terphenyl-d14 (Surr)	67		30 - 125
2,4,6-Tribromophenol (Surr)	60		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0014M-0001-SO**

Lab Sample ID: 240-17768-4 Date Sampled: 11/14/2012 0935
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66227	Lab File ID:	21205017.D
Dilution:	20	Leach Batch:	240-65974	Initial Weight/Volume:	30.26 g
Analysis Date:	12/05/2012 1521			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3800	D	65	130
Acenaphthylene		65	U	65	130
Anthracene		590	D	65	130
Benzo[a]anthracene		1400	D M	65	130
Benzo[a]pyrene		730	D	65	130
Benzo[b]fluoranthene		310	D M	65	130
Benzo[g,h,i]perylene		580	D M	65	130
Benzoic acid		6600	U	6600	13000
Benzo[k]fluoranthene		65	U	65	130
Benzyl alcohol		540	U	420	6500
Bis(2-chloroethoxy)methane		540	U	440	2000
Bis(2-chloroethyl)ether		65	U	40	2000
bis (2-chloroisopropyl) ether		540	U	190	2000
Bis(2-ethylhexyl) phthalate		540	U	380	990
4-Bromophenyl phenyl ether		540	U	260	990
Butyl benzyl phthalate		540	U	200	990
Carbazole		540	U	540	990
4-Chloroaniline		540	U	340	3000
4-Chloro-3-methylphenol		540	U	420	3000
2-Chloronaphthalene		65	U	65	990
2-Chlorophenol		540	U	540	990
4-Chlorophenyl phenyl ether		540	U	260	990
Chrysene		1600	D	22	130
Dibenz(a,h)anthracene		65	U	65	130
Dibenzofuran		2300	D	65	990
1,2-Dichlorobenzene		540	U	190	990
1,3-Dichlorobenzene		540	U	220	990
1,4-Dichlorobenzene		540	U	400	990
3,3'-Dichlorobenzidine		1600	U	360	2000
2,4-Dichlorophenol		540	U	400	3000
Diethyl phthalate		540	U	320	990
2,4-Dimethylphenol		1600	U	400	3000
Dimethyl phthalate		540	U	340	990
Di-n-butyl phthalate		540	U	300	990
4,6-Dinitro-2-methylphenol		1600	U	1600	3000
2,4-Dinitrophenol		1600	U	1600	6500
2,4-Dinitrotoluene		540	U	540	4000
2,6-Dinitrotoluene		540	U	420	4000
Di-n-octyl phthalate		540	U	540	990
Fluoranthene		1500	D	65	130
Fluorene		6300	D	65	130
Hexachlorobenzene		65	U	42	130
Hexachlorobutadiene		540	U	540	990
Hexachlorocyclopentadiene		540	U	540	6500
Hexachloroethane		540	U	180	990

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0014M-0001-SO**

Lab Sample ID: 240-17768-4 Date Sampled: 11/14/2012 0935
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66227	Lab File ID:	21205017.D
Dilution:	20	Leach Batch:	240-65974	Initial Weight/Volume:	30.26 g
Analysis Date:	12/05/2012 1521			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		65	U	65	130
Isophorone		540	U	260	990
2-Methylnaphthalene		15000	D	65	130
2-Methylphenol		1600	U	1600	4000
3 & 4 Methylphenol		1600	U	400	7900
Naphthalene		840	D	65	130
2-Nitroaniline		540	U	180	4000
3-Nitroaniline		1600	U	320	4000
4-Nitroaniline		540	U	520	4000
Nitrobenzene		65	U	44	2000
2-Nitrophenol		540	U	540	990
4-Nitrophenol		1600	U	1600	6500
N-Nitrosodi-n-propylamine		540	U	540	990
N-Nitrosodiphenylamine		540	U	420	990
Pentachlorophenol		1600	U	1600	3000
Phenanthrene		9800	D	65	130
Phenol		540	U	540	990
Pyrene		9200	D	65	130
1,2,4-Trichlorobenzene		540	U	540	990
2,4,5-Trichlorophenol		540	U	500	3000
2,4,6-Trichlorophenol		1600	U	1600	3000

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	70		45 - 105
2-Fluorophenol (Surr)	73		35 - 105
Nitrobenzene-d5 (Surr)	67		35 - 100
Phenol-d5 (Surr)	72		40 - 100
Terphenyl-d14 (Surr)	0	Q	30 - 125
2,4,6-Tribromophenol (Surr)	62		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0015M-0001-SO**

Lab Sample ID: 240-17768-5 Date Sampled: 11/14/2012 1300
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66227	Lab File ID:	21205020.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.80 g
Analysis Date:	12/05/2012 1631			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		17	U	17	34
Acenaphthylene		17	U	17	34
Anthracene		17	U	17	34
Benzo[a]anthracene		17	U	17	34
Benzo[a]pyrene		17	U	17	34
Benzo[b]fluoranthene		17	U	17	34
Benzo[g,h,i]perylene		17	U	17	34
Benzoic acid		1700	U	1700	3300
Benzo[k]fluoranthene		17	U	17	34
Benzyl alcohol		140	U	110	1700
Bis(2-chloroethoxy)methane		140	U	110	500
Bis(2-chloroethyl)ether		17	U	10	500
bis (2-chloroisopropyl) ether		140	U	48	500
Bis(2-ethylhexyl) phthalate		140	U	96	250
4-Bromophenyl phenyl ether		140	U	65	250
Butyl benzyl phthalate		140	U	50	250
Carbazole		140	U	140	250
4-Chloroaniline		140	U	86	760
4-Chloro-3-methylphenol		140	U	110	760
2-Chloronaphthalene		17	U	17	250
2-Chlorophenol		140	U	140	250
4-Chlorophenyl phenyl ether		140	U	65	250
Chrysene		17	U	5.5	34
Dibenz(a,h)anthracene		17	U	17	34
Dibenzofuran		17	U	17	250
1,2-Dichlorobenzene		140	U	49	250
1,3-Dichlorobenzene		140	U	55	250
1,4-Dichlorobenzene		140	U	100	250
3,3'-Dichlorobenzidine		400	U	91	500
2,4-Dichlorophenol		140	U	100	760
Diethyl phthalate		140	U	81	250
2,4-Dimethylphenol		400	U	100	760
Dimethyl phthalate		140	U	86	250
Di-n-butyl phthalate		140	U	76	250
4,6-Dinitro-2-methylphenol		400	U	400	760
2,4-Dinitrophenol		400	U	400	1700
2,4-Dinitrotoluene		140	U	140	1000
2,6-Dinitrotoluene		140	U	110	1000
Di-n-octyl phthalate		140	U	140	250
Fluoranthene		17	U	17	34
Fluorene		17	U	17	34
Hexachlorobenzene		17	U	11	34
Hexachlorobutadiene		140	U	140	250
Hexachlorocyclopentadiene		140	U	140	1700
Hexachloroethane		140	U	45	250

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0015M-0001-SO**

Lab Sample ID: 240-17768-5 Date Sampled: 11/14/2012 1300
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66227	Lab File ID:	21205020.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.80 g
Analysis Date:	12/05/2012 1631			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		17	U	17	34
Isophorone		140	U	65	250
2-Methylnaphthalene		20	J D	17	34
2-Methylphenol		400	U	400	1000
3 & 4 Methylphenol		400	U	100	2000
Naphthalene		17	U	17	34
2-Nitroaniline		140	U	46	1000
3-Nitroaniline		400	U	81	1000
4-Nitroaniline		140	U	130	1000
Nitrobenzene		17	U	11	500
2-Nitrophenol		140	U	140	250
4-Nitrophenol		400	U	400	1700
N-Nitrosodi-n-propylamine		140	U	140	250
N-Nitrosodiphenylamine		140	U	110	250
Pentachlorophenol		400	U	400	760
Phenanthrene		17	U	17	34
Phenol		140	U	140	250
Pyrene		17	U	17	34
1,2,4-Trichlorobenzene		140	U	140	250
2,4,5-Trichlorophenol		140	U	130	760
2,4,6-Trichlorophenol		400	U	400	760

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	64		45 - 105
2-Fluorophenol (Surr)	66		35 - 105
Nitrobenzene-d5 (Surr)	62		35 - 100
Phenol-d5 (Surr)	68		40 - 100
Terphenyl-d14 (Surr)	70		30 - 125
2,4,6-Tribromophenol (Surr)	59		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0016M-0001-SO**

Lab Sample ID: 240-17768-6 Date Sampled: 11/14/2012 1150
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66227	Lab File ID:	21205006.D
Dilution:	10	Leach Batch:	240-65974	Initial Weight/Volume:	29.99 g
Analysis Date:	12/05/2012 1106			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		33	U	33	67
Acenaphthylene		33	U	33	67
Anthracene		33	U	33	67
Benzo[a]anthracene		33	U	33	67
Benzo[a]pyrene		33	U	33	67
Benzo[b]fluoranthene		33	U	33	67
Benzo[g,h,i]perylene		33	U	33	67
Benzoic acid		3300	U	3300	6600
Benzo[k]fluoranthene		33	U	33	67
Benzyl alcohol		270	U	210	3300
Bis(2-chloroethoxy)methane		270	U	220	1000
Bis(2-chloroethyl)ether		33	U	20	1000
bis (2-chloroisopropyl) ether		270	U	95	1000
Bis(2-ethylhexyl) phthalate		270	U	190	500
4-Bromophenyl phenyl ether		270	U	130	500
Butyl benzyl phthalate		270	U	100	500
Carbazole		270	U	270	500
4-Chloroaniline		270	U J	170	1500
4-Chloro-3-methylphenol		270	U	210	1500
2-Chloronaphthalene		33	U	33	500
2-Chlorophenol		270	U	270	500
4-Chlorophenyl phenyl ether		270	U	130	500
Chrysene		33	U	11	67
Dibenz(a,h)anthracene		33	U J	33	67
Dibenzofuran		33	U	33	500
1,2-Dichlorobenzene		270	U	97	500
1,3-Dichlorobenzene		270	U	110	500
1,4-Dichlorobenzene		270	U	200	500
3,3'-Dichlorobenzidine		800	U J	180	1000
2,4-Dichlorophenol		270	U	200	1500
Diethyl phthalate		270	U	160	500
2,4-Dimethylphenol		800	U	200	1500
Dimethyl phthalate		270	U	170	500
Di-n-butyl phthalate		270	U	150	500
4,6-Dinitro-2-methylphenol		800	U	800	1500
2,4-Dinitrophenol		800	U	800	3300
2,4-Dinitrotoluene		270	U	270	2000
2,6-Dinitrotoluene		270	U	210	2000
Di-n-octyl phthalate		270	U	270	500
Fluoranthene		33	U	33	67
Fluorene		33	U	33	67
Hexachlorobenzene		33	U	21	67
Hexachlorobutadiene		270	U	270	500
Hexachlorocyclopentadiene		270	U	270	3300
Hexachloroethane		270	U	90	500

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0016M-0001-SO**

Lab Sample ID: 240-17768-6 Date Sampled: 11/14/2012 1150
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66227	Lab File ID:	21205006.D
Dilution:	10	Leach Batch:	240-65974	Initial Weight/Volume:	29.99 g
Analysis Date:	12/05/2012 1106			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		33	U	33	67
Isophorone		270	U	130	500
2-Methylnaphthalene		33	U	33	67
2-Methylphenol		800	U	800	2000
3 & 4 Methylphenol		800	U	200	4000
Naphthalene		33	U	33	67
2-Nitroaniline		270	U	91	2000
3-Nitroaniline		800	U	160	2000
4-Nitroaniline		270	U J	260	2000
Nitrobenzene		33	U	22	1000
2-Nitrophenol		270	U	270	500
4-Nitrophenol		800	U	800	3300
N-Nitrosodi-n-propylamine		270	U	270	500
N-Nitrosodiphenylamine		270	U J	210	500
Pentachlorophenol		800	U	800	1500
Phenanthrene		33	U	33	67
Phenol		270	U	270	500
Pyrene		33	U	33	67
1,2,4-Trichlorobenzene		270	U	270	500
2,4,5-Trichlorophenol		270	U	250	1500
2,4,6-Trichlorophenol		800	U	800	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	72		45 - 105
2-Fluorophenol (Surr)	76		35 - 105
Nitrobenzene-d5 (Surr)	66		35 - 100
Phenol-d5 (Surr)	77		40 - 100
Terphenyl-d14 (Surr)	80		30 - 125
2,4,6-Tribromophenol (Surr)	62		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0017M-0001-SO**

Lab Sample ID: 240-17768-7 Date Sampled: 11/14/2012 1215
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130009.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.08 g
Analysis Date:	11/30/2012 1134			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		16	U	16	33
Acenaphthylene		16	U	16	33
Anthracene		16	U	16	33
Benzo[a]anthracene		16	U	16	33
Benzo[a]pyrene		16	U	16	33
Benzo[b]fluoranthene		16	U	16	33
Benzo[g,h,i]perylene		16	U	16	33
Benzoic acid		1700	U	1700	3300
Benzo[k]fluoranthene		16	U	16	33
Benzyl alcohol		130	U	100	1600
Bis(2-chloroethoxy)methane		130	U	110	500
Bis(2-chloroethyl)ether		16	U	10	500
bis (2-chloroisopropyl) ether		130	U	47	500
Bis(2-ethylhexyl) phthalate		130	U	95	250
4-Bromophenyl phenyl ether		130	U	65	250
Butyl benzyl phthalate		130	U	50	250
Carbazole		130	U	130	250
4-Chloroaniline		130	U	85	750
4-Chloro-3-methylphenol		130	U	100	750
2-Chloronaphthalene		16	U	16	250
2-Chlorophenol		130	U	130	250
4-Chlorophenyl phenyl ether		130	U	65	250
Chrysene		16	U	5.5	33
Dibenz(a,h)anthracene		16	U	16	33
Dibenzofuran		16	U	16	250
1,2-Dichlorobenzene		130	U	48	250
1,3-Dichlorobenzene		130	U	55	250
1,4-Dichlorobenzene		130	U	100	250
3,3'-Dichlorobenzidine		400	U	90	500
2,4-Dichlorophenol		130	U	100	750
Diethyl phthalate		130	U	80	250
2,4-Dimethylphenol		400	U	100	750
Dimethyl phthalate		130	U	85	250
Di-n-butyl phthalate		130	U	75	250
4,6-Dinitro-2-methylphenol		400	U	400	750
2,4-Dinitrophenol		400	U	400	1600
2,4-Dinitrotoluene		130	U	130	1000
2,6-Dinitrotoluene		130	U	100	1000
Di-n-octyl phthalate		130	U	130	250
Fluoranthene		16	U	16	33
Fluorene		16	U	16	33
Hexachlorobenzene		16	U	10	33
Hexachlorobutadiene		130	U	130	250
Hexachlorocyclopentadiene		130	U	130	1600
Hexachloroethane		130	U	45	250

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0017M-0001-SO**

Lab Sample ID: 240-17768-7 Date Sampled: 11/14/2012 1215
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130009.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.08 g
Analysis Date:	11/30/2012 1134			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		16	U	16	33
Isophorone		130	U	65	250
2-Methylnaphthalene		16	U	16	33
2-Methylphenol		400	U	400	1000
3 & 4 Methylphenol		400	U	100	2000
Naphthalene		16	U	16	33
2-Nitroaniline		130	U	45	1000
3-Nitroaniline		400	U	80	1000
4-Nitroaniline		130	U	130	1000
Nitrobenzene		16	U	11	500
2-Nitrophenol		130	U	130	250
4-Nitrophenol		400	U	400	1600
N-Nitrosodi-n-propylamine		130	U	130	250
N-Nitrosodiphenylamine		130	U	100	250
Pentachlorophenol		400	U	400	750
Phenanthrene		16	U	16	33
Phenol		130	U	130	250
Pyrene		16	U	16	33
1,2,4-Trichlorobenzene		130	U	130	250
2,4,5-Trichlorophenol		130	U	120	750
2,4,6-Trichlorophenol		400	U	400	750

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	62		45 - 105
2-Fluorophenol (Surr)	65		35 - 105
Nitrobenzene-d5 (Surr)	60		35 - 100
Phenol-d5 (Surr)	64		40 - 100
Terphenyl-d14 (Surr)	73		30 - 125
2,4,6-Tribromophenol (Surr)	63		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0037M-0001-SO**

Lab Sample ID: 240-17768-9 Date Sampled: 11/14/2012 1550
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130020.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.66 g
Analysis Date:	11/30/2012 1551			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		8.7		3.3	6.7
Benzo[a]anthracene		23		3.3	6.7
Benzo[a]pyrene		27		3.3	6.7
Benzo[b]fluoranthene		29		3.3	6.7
Benzo[g,h,i]perylene		13		3.3	6.7
Benzoic acid		340	U	340	670
Benzo[k]fluoranthene		7.7	M	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		34	J B	19	51
4-Bromophenyl phenyl ether		27	U	13	51
Butyl benzyl phthalate		27	U	10	51
Carbazole		27	U	27	51
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	51
2-Chlorophenol		27	U	27	51
4-Chlorophenyl phenyl ether		27	U	13	51
Chrysene		21		1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		6.3	J	3.3	51
1,2-Dichlorobenzene		27	U	9.8	51
1,3-Dichlorobenzene		27	U	11	51
1,4-Dichlorobenzene		27	U	20	51
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	51
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	51
Di-n-butyl phthalate		27	U	15	51
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	51
Fluoranthene		53		3.3	6.7
Fluorene		6.2	J	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	51
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	51

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0037M-0001-SO**

Lab Sample ID: 240-17768-9 Date Sampled: 11/14/2012 1550
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130020.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.66 g
Analysis Date:	11/30/2012 1551			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		16		3.3	6.7
Isophorone		27	U	13	51
2-Methylnaphthalene		9.4		3.3	6.7
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	400
Naphthalene		10		3.3	6.7
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	51
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	51
N-Nitrosodiphenylamine		27	U	21	51
Pentachlorophenol		81	U	81	150
Phenanthrene		45		3.3	6.7
Phenol		27	U	27	51
Pyrene		38		3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	51
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	55		45 - 105
2-Fluorophenol (Surr)	58		35 - 105
Nitrobenzene-d5 (Surr)	57		35 - 100
Phenol-d5 (Surr)	60		40 - 100
Terphenyl-d14 (Surr)	72		30 - 125
2,4,6-Tribromophenol (Surr)	70		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0038M-0001-SO**

Lab Sample ID: 240-17768-10 Date Sampled: 11/14/2012 1550
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130017.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.61 g
Analysis Date:	11/30/2012 1441			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		7.6		3.3	6.8
Acenaphthylene		3.3	U	3.3	6.8
Anthracene		30		3.3	6.8
Benzo[a]anthracene		86		3.3	6.8
Benzo[a]pyrene		81		3.3	6.8
Benzo[b]fluoranthene		100		3.3	6.8
Benzo[g,h,i]perylene		52		3.3	6.8
Benzoic acid		340	U	340	670
Benzo[k]fluoranthene		35	M	3.3	6.8
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		44	J B	19	51
4-Bromophenyl phenyl ether		27	U	13	51
Butyl benzyl phthalate		27	U	10	51
Carbazole		27	U	27	51
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	51
2-Chlorophenol		27	U	27	51
4-Chlorophenyl phenyl ether		27	U	13	51
Chrysene		94		1.1	6.8
Dibenz(a,h)anthracene		19		3.3	6.8
Dibenzofuran		12	J	3.3	51
1,2-Dichlorobenzene		27	U	9.8	51
1,3-Dichlorobenzene		27	U	11	51
1,4-Dichlorobenzene		27	U	20	51
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	51
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	51
Di-n-butyl phthalate		27	U	15	51
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	51
Fluoranthene		220		3.3	6.8
Fluorene		11		3.3	6.8
Hexachlorobenzene		3.3	U	2.1	6.8
Hexachlorobutadiene		27	U	27	51
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	51

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0038M-0001-SO**

Lab Sample ID: 240-17768-10 Date Sampled: 11/14/2012 1550
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130017.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.61 g
Analysis Date:	11/30/2012 1441			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		50		3.3	6.8
Isophorone		14	J	13	51
2-Methylnaphthalene		9.4		3.3	6.8
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	410
Naphthalene		12		3.3	6.8
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	51
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	51
N-Nitrosodiphenylamine		27	U	21	51
Pentachlorophenol		81	U	81	150
Phenanthrene		160		3.3	6.8
Phenol		27	U	27	51
Pyrene		170		3.3	6.8
1,2,4-Trichlorobenzene		27	U	27	51
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	70		45 - 105
2-Fluorophenol (Surr)	75		35 - 105
Nitrobenzene-d5 (Surr)	73		35 - 100
Phenol-d5 (Surr)	77		40 - 100
Terphenyl-d14 (Surr)	80		30 - 125
2,4,6-Tribromophenol (Surr)	80		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0039M-0001-SO**

Lab Sample ID: 240-17768-11 Date Sampled: 11/14/2012 1500
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130021.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.87 g
Analysis Date:	11/30/2012 1614			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		3.3	U	3.3	6.7
Benzo[a]anthracene		3.3	U	3.3	6.7
Benzo[a]pyrene		12		3.3	6.7
Benzo[b]fluoranthene		6.5	J	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		52	B	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		3.3	U	1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		11		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: 240-17768-1

Client Sample ID: **076SB-0039M-0001-SO**

Lab Sample ID: 240-17768-11 Date Sampled: 11/14/2012 1500
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130021.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.87 g
Analysis Date:	11/30/2012 1614			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		6.9		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		8.8		3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	66		45 - 105
2-Fluorophenol (Surr)	73		35 - 105
Nitrobenzene-d5 (Surr)	73		35 - 100
Phenol-d5 (Surr)	74		40 - 100
Terphenyl-d14 (Surr)	79		30 - 125
2,4,6-Tribromophenol (Surr)	73		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0040M-0001-SO**

Lab Sample ID: 240-17768-12 Date Sampled: 11/14/2012 1520
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130010.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.90 g
Analysis Date:	11/30/2012 1157			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		17	U	17	33
Acenaphthylene		17	U	17	33
Anthracene		44	D	17	33
Benzo[a]anthracene		96	D	17	33
Benzo[a]pyrene		100	D	17	33
Benzo[b]fluoranthene		100	D	17	33
Benzo[g,h,i]perylene		50	D M	17	33
Benzoic acid		1700	U	1700	3300
Benzo[k]fluoranthene		34	D M	17	33
Benzyl alcohol		140	U	110	1700
Bis(2-chloroethoxy)methane		140	U	110	500
Bis(2-chloroethyl)ether		17	U	10	500
bis (2-chloroisopropyl) ether		140	U	48	500
Bis(2-ethylhexyl) phthalate		140	U	95	250
4-Bromophenyl phenyl ether		140	U	65	250
Butyl benzyl phthalate		140	U	50	250
Carbazole		140	U	140	250
4-Chloroaniline		140	U	85	750
4-Chloro-3-methylphenol		140	U	110	750
2-Chloronaphthalene		17	U	17	250
2-Chlorophenol		140	U	140	250
4-Chlorophenyl phenyl ether		140	U	65	250
Chrysene		87	D	5.5	33
Dibenz(a,h)anthracene		17	U	17	33
Dibenzofuran		25	J D	17	250
1,2-Dichlorobenzene		140	U	49	250
1,3-Dichlorobenzene		140	U	55	250
1,4-Dichlorobenzene		140	U	100	250
3,3'-Dichlorobenzidine		400	U	90	500
2,4-Dichlorophenol		140	U	100	750
Diethyl phthalate		140	U	80	250
2,4-Dimethylphenol		400	U	100	750
Dimethyl phthalate		140	U	85	250
Di-n-butyl phthalate		140	U	75	250
4,6-Dinitro-2-methylphenol		400	U	400	750
2,4-Dinitrophenol		400	U	400	1700
2,4-Dinitrotoluene		140	U	140	1000
2,6-Dinitrotoluene		140	U	110	1000
Di-n-octyl phthalate		140	U	140	250
Fluoranthene		220	D	17	33
Fluorene		29	J D	17	33
Hexachlorobenzene		17	U	11	33
Hexachlorobutadiene		140	U	140	250
Hexachlorocyclopentadiene		140	U	140	1700
Hexachloroethane		140	U	45	250

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0040M-0001-SO**

Lab Sample ID: 240-17768-12 Date Sampled: 11/14/2012 1520
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130010.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.90 g
Analysis Date:	11/30/2012 1157			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		73	D M	17	33
Isophorone		140	U	65	250
2-Methylnaphthalene		20	J D	17	33
2-Methylphenol		400	U	400	1000
3 & 4 Methylphenol		400	U	100	2000
Naphthalene		34	D	17	33
2-Nitroaniline		140	U	46	1000
3-Nitroaniline		400	U	80	1000
4-Nitroaniline		140	U	130	1000
Nitrobenzene		17	U	11	500
2-Nitrophenol		140	U	140	250
4-Nitrophenol		400	U	400	1700
N-Nitrosodi-n-propylamine		140	U	140	250
N-Nitrosodiphenylamine		140	U	110	250
Pentachlorophenol		400	U	400	750
Phenanthrene		230	D	17	33
Phenol		140	U	140	250
Pyrene		180	D	17	33
1,2,4-Trichlorobenzene		140	U	140	250
2,4,5-Trichlorophenol		140	U	130	750
2,4,6-Trichlorophenol		400	U	400	750

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	58		45 - 105
2-Fluorophenol (Surr)	67		35 - 105
Nitrobenzene-d5 (Surr)	64		35 - 100
Phenol-d5 (Surr)	69		40 - 100
Terphenyl-d14 (Surr)	69		30 - 125
2,4,6-Tribromophenol (Surr)	68		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0041M-0001-SO**

Lab Sample ID: 240-17768-13 Date Sampled: 11/14/2012 1530
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130019.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.19 g
Analysis Date:	11/30/2012 1528			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		3.3	U	3.3	6.6
Benzo[a]anthracene		16		3.3	6.6
Benzo[a]pyrene		20		3.3	6.6
Benzo[b]fluoranthene		19		3.3	6.6
Benzo[g,h,i]perylene		10		3.3	6.6
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		7.5	M	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	99
Bis(2-chloroethyl)ether		3.3	U	2.0	99
bis (2-chloroisopropyl) ether		27	U	9.4	99
Bis(2-ethylhexyl) phthalate		32	J B	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	9.9	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		17		1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.6	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		79	U	18	99
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		79	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		79	U	79	150
2,4-Dinitrophenol		79	U	79	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		30		3.3	6.6
Fluorene		3.3	U	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	8.9	50

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0041M-0001-SO**

Lab Sample ID: 240-17768-13 Date Sampled: 11/14/2012 1530
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130019.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.19 g
Analysis Date:	11/30/2012 1528			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		14		3.3	6.6
Isophorone		27	U	13	50
2-Methylnaphthalene		7.8		3.3	6.6
2-Methylphenol		79	U	79	200
3 & 4 Methylphenol		79	U	20	400
Naphthalene		8.2		3.3	6.6
2-Nitroaniline		27	U	9.0	200
3-Nitroaniline		79	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	99
2-Nitrophenol		27	U	27	50
4-Nitrophenol		79	U	79	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		79	U	79	150
Phenanthrene		17		3.3	6.6
Phenol		27	U	27	50
Pyrene		24		3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		79	U	79	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	57		45 - 105
2-Fluorophenol (Surr)	63		35 - 105
Nitrobenzene-d5 (Surr)	58		35 - 100
Phenol-d5 (Surr)	62		40 - 100
Terphenyl-d14 (Surr)	74		30 - 125
2,4,6-Tribromophenol (Surr)	72		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0042M-0001-SO**

Lab Sample ID: 240-17768-14 Date Sampled: 11/14/2012 1545
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130022.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.71 g
Analysis Date:	11/30/2012 1638			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		3.3	U	3.3	6.7
Benzo[a]anthracene		6.0	J	3.3	6.7
Benzo[a]pyrene		11	M	3.3	6.7
Benzo[b]fluoranthene		4.7	J	3.3	6.7
Benzo[g,h,i]perylene		3.3	U	3.3	6.7
Benzoic acid		340	U	340	670
Benzo[k]fluoranthene		3.3	U	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		45	J B	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		5.0	J	1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		3.3	U	3.3	50
1,2-Dichlorobenzene		27	U	9.8	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		9.4		3.3	6.7
Fluorene		3.3	U	3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	50

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0042M-0001-SO**

Lab Sample ID: 240-17768-14 Date Sampled: 11/14/2012 1545
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130022.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.71 g
Analysis Date:	11/30/2012 1638			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		3.3	U	3.3	6.7
Isophorone		14	J	13	50
2-Methylnaphthalene		4.2	J	3.3	6.7
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	400
Naphthalene		3.3	U	3.3	6.7
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		81	U	81	150
Phenanthrene		7.5		3.3	6.7
Phenol		27	U	27	50
Pyrene		7.2		3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	72		45 - 105
2-Fluorophenol (Surr)	74		35 - 105
Nitrobenzene-d5 (Surr)	73		35 - 100
Phenol-d5 (Surr)	77		40 - 100
Terphenyl-d14 (Surr)	82		30 - 125
2,4,6-Tribromophenol (Surr)	67		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0043M-0001-SO**

Lab Sample ID: 240-17768-15 Date Sampled: 11/14/2012 1555
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130014.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.17 g
Analysis Date:	11/30/2012 1331			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		27	J D	16	33
Acenaphthylene		16	U	16	33
Anthracene		99	D	16	33
Benzo[a]anthracene		240	D	16	33
Benzo[a]pyrene		220	D	16	33
Benzo[b]fluoranthene		280	D	16	33
Benzo[g,h,i]perylene		110	D	16	33
Benzoic acid		1700	U	1700	3300
Benzo[k]fluoranthene		84	D M	16	33
Benzyl alcohol		130	U	100	1600
Bis(2-chloroethoxy)methane		130	U	110	500
Bis(2-chloroethyl)ether		16	U	9.9	500
bis (2-chloroisopropyl) ether		130	U	47	500
Bis(2-ethylhexyl) phthalate		95	J D B	94	250
4-Bromophenyl phenyl ether		130	U	65	250
Butyl benzyl phthalate		130	U	50	250
Carbazole		130	U	130	250
4-Chloroaniline		130	U	85	750
4-Chloro-3-methylphenol		130	U	100	750
2-Chloronaphthalene		16	U	16	250
2-Chlorophenol		130	U	130	250
4-Chlorophenyl phenyl ether		130	U	65	250
Chrysene		210	D	5.5	33
Dibenz(a,h)anthracene		82	D M	16	33
Dibenzofuran		29	J D	16	250
1,2-Dichlorobenzene		130	U	48	250
1,3-Dichlorobenzene		130	U	55	250
1,4-Dichlorobenzene		130	U	99	250
3,3'-Dichlorobenzidine		400	U	89	500
2,4-Dichlorophenol		130	U	99	750
Diethyl phthalate		130	U	80	250
2,4-Dimethylphenol		400	U	99	750
Dimethyl phthalate		130	U	85	250
Di-n-butyl phthalate		130	U	75	250
4,6-Dinitro-2-methylphenol		400	U	400	750
2,4-Dinitrophenol		400	U	400	1600
2,4-Dinitrotoluene		130	U	130	990
2,6-Dinitrotoluene		130	U	100	990
Di-n-octyl phthalate		130	U	130	250
Fluoranthene		620	D	16	33
Fluorene		34	D	16	33
Hexachlorobenzene		16	U	10	33
Hexachlorobutadiene		130	U	130	250
Hexachlorocyclopentadiene		130	U	130	1600
Hexachloroethane		130	U	45	250

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0043M-0001-SO**

Lab Sample ID: 240-17768-15 Date Sampled: 11/14/2012 1555
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130014.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.17 g
Analysis Date:	11/30/2012 1331			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		120	D	16	33
Isophorone		130	U	65	250
2-Methylnaphthalene		16	U	16	33
2-Methylphenol		400	U	400	990
3 & 4 Methylphenol		400	U	99	2000
Naphthalene		23	J D	16	33
2-Nitroaniline		130	U	45	990
3-Nitroaniline		400	U	80	990
4-Nitroaniline		130	U	130	990
Nitrobenzene		16	U	11	500
2-Nitrophenol		130	U	130	250
4-Nitrophenol		400	U	400	1600
N-Nitrosodi-n-propylamine		130	U	130	250
N-Nitrosodiphenylamine		130	U	100	250
Pentachlorophenol		400	U	400	750
Phenanthrene		470	D	16	33
Phenol		130	U	130	250
Pyrene		450	D	16	33
1,2,4-Trichlorobenzene		130	U	130	250
2,4,5-Trichlorophenol		130	U	120	750
2,4,6-Trichlorophenol		400	U	400	750

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	59		45 - 105
2-Fluorophenol (Surr)	65		35 - 105
Nitrobenzene-d5 (Surr)	66		35 - 100
Phenol-d5 (Surr)	64		40 - 100
Terphenyl-d14 (Surr)	70		30 - 125
2,4,6-Tribromophenol (Surr)	66		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0030M-0001-SO**

Lab Sample ID: 240-17768-17 Date Sampled: 11/14/2012 1615
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130011.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.06 g
Analysis Date:	11/30/2012 1221			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		16	U	16	33
Acenaphthylene		16	U	16	33
Anthracene		24	J D	16	33
Benzo[a]anthracene		53	D	16	33
Benzo[a]pyrene		85	D	16	33
Benzo[b]fluoranthene		68	D	16	33
Benzo[g,h,i]perylene		41	D M	16	33
Benzoic acid		1700	U	1700	3300
Benzo[k]fluoranthene		27	J D M	16	33
Benzyl alcohol		130	U	100	1600
Bis(2-chloroethoxy)methane		130	U	110	500
Bis(2-chloroethyl)ether		16	U	10	500
bis (2-chloroisopropyl) ether		130	U	47	500
Bis(2-ethylhexyl) phthalate		130	U	95	250
4-Bromophenyl phenyl ether		130	U	65	250
Butyl benzyl phthalate		130	U	50	250
Carbazole		130	U	130	250
4-Chloroaniline		130	U	85	750
4-Chloro-3-methylphenol		130	U	100	750
2-Chloronaphthalene		16	U	16	250
2-Chlorophenol		130	U	130	250
4-Chlorophenyl phenyl ether		130	U	65	250
Chrysene		63	D	5.5	33
Dibenz(a,h)anthracene		16	U	16	33
Dibenzofuran		16	U	16	250
1,2-Dichlorobenzene		130	U	48	250
1,3-Dichlorobenzene		130	U	55	250
1,4-Dichlorobenzene		130	U	100	250
3,3'-Dichlorobenzidine		400	U	90	500
2,4-Dichlorophenol		130	U	100	750
Diethyl phthalate		130	U	80	250
2,4-Dimethylphenol		400	U	100	750
Dimethyl phthalate		130	U	85	250
Di-n-butyl phthalate		130	U	75	250
4,6-Dinitro-2-methylphenol		400	U	400	750
2,4-Dinitrophenol		400	U	400	1600
2,4-Dinitrotoluene		130	U	130	1000
2,6-Dinitrotoluene		130	U	100	1000
Di-n-octyl phthalate		130	U	130	250
Fluoranthene		150	D	16	33
Fluorene		16	U	16	33
Hexachlorobenzene		16	U	10	33
Hexachlorobutadiene		130	U	130	250
Hexachlorocyclopentadiene		130	U	130	1600
Hexachloroethane		130	U	45	250

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0030M-0001-SO**

Lab Sample ID: 240-17768-17 Date Sampled: 11/14/2012 1615
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130011.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.06 g
Analysis Date:	11/30/2012 1221			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		53	D M	16	33
Isophorone		130	U	65	250
2-Methylnaphthalene		31	J D	16	33
2-Methylphenol		400	U	400	1000
3 & 4 Methylphenol		400	U	100	2000
Naphthalene		30	J D	16	33
2-Nitroaniline		130	U	45	1000
3-Nitroaniline		400	U	80	1000
4-Nitroaniline		130	U	130	1000
Nitrobenzene		16	U	11	500
2-Nitrophenol		130	U	130	250
4-Nitrophenol		400	U	400	1600
N-Nitrosodi-n-propylamine		130	U	130	250
N-Nitrosodiphenylamine		130	U	100	250
Pentachlorophenol		400	U	400	750
Phenanthrene		110	D	16	33
Phenol		130	U	130	250
Pyrene		110	D	16	33
1,2,4-Trichlorobenzene		130	U	130	250
2,4,5-Trichlorophenol		130	U	120	750
2,4,6-Trichlorophenol		400	U	400	750

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	62		45 - 105
2-Fluorophenol (Surr)	62		35 - 105
Nitrobenzene-d5 (Surr)	59		35 - 100
Phenol-d5 (Surr)	63		40 - 100
Terphenyl-d14 (Surr)	69		30 - 125
2,4,6-Tribromophenol (Surr)	62		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0031M-0001-SO**

Lab Sample ID: 240-17768-18 Date Sampled: 11/14/2012 1615
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130012.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.27 g
Analysis Date:	11/30/2012 1244			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		16	U	16	33
Acenaphthylene		16	U	16	33
Anthracene		16	U	16	33
Benzo[a]anthracene		29	J D	16	33
Benzo[a]pyrene		64	D	16	33
Benzo[b]fluoranthene		45	D M	16	33
Benzo[g,h,i]perylene		27	J D	16	33
Benzoic acid		1700	U	1700	3300
Benzo[k]fluoranthene		18	J D M	16	33
Benzyl alcohol		130	U	100	1600
Bis(2-chloroethoxy)methane		130	U	110	500
Bis(2-chloroethyl)ether		16	U	9.9	500
bis (2-chloroisopropyl) ether		130	U	47	500
Bis(2-ethylhexyl) phthalate		96	J D B	94	250
4-Bromophenyl phenyl ether		130	U	64	250
Butyl benzyl phthalate		130	U	50	250
Carbazole		130	U	130	250
4-Chloroaniline		130	U	84	740
4-Chloro-3-methylphenol		130	U	100	740
2-Chloronaphthalene		16	U	16	250
2-Chlorophenol		130	U	130	250
4-Chlorophenyl phenyl ether		130	U	64	250
Chrysene		36	D	5.5	33
Dibenz(a,h)anthracene		16	U	16	33
Dibenzofuran		16	U	16	250
1,2-Dichlorobenzene		130	U	48	250
1,3-Dichlorobenzene		130	U	55	250
1,4-Dichlorobenzene		130	U	99	250
3,3'-Dichlorobenzidine		400	U	89	500
2,4-Dichlorophenol		130	U	99	740
Diethyl phthalate		130	U	79	250
2,4-Dimethylphenol		400	U	99	740
Dimethyl phthalate		130	U	84	250
Di-n-butyl phthalate		130	U	74	250
4,6-Dinitro-2-methylphenol		400	U	400	740
2,4-Dinitrophenol		400	U	400	1600
2,4-Dinitrotoluene		130	U	130	990
2,6-Dinitrotoluene		130	U	100	990
Di-n-octyl phthalate		130	U	130	250
Fluoranthene		68	D	16	33
Fluorene		16	U	16	33
Hexachlorobenzene		16	U	10	33
Hexachlorobutadiene		130	U	130	250
Hexachlorocyclopentadiene		130	U	130	1600
Hexachloroethane		130	U	45	250

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0031M-0001-SO**

Lab Sample ID: 240-17768-18 Date Sampled: 11/14/2012 1615
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130012.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.27 g
Analysis Date:	11/30/2012 1244			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		49	D	16	33
Isophorone		130	U	64	250
2-Methylnaphthalene		16	U	16	33
2-Methylphenol		400	U	400	990
3 & 4 Methylphenol		400	U	99	2000
Naphthalene		16	U	16	33
2-Nitroaniline		130	U	45	990
3-Nitroaniline		400	U	79	990
4-Nitroaniline		130	U	130	990
Nitrobenzene		16	U	11	500
2-Nitrophenol		130	U	130	250
4-Nitrophenol		400	U	400	1600
N-Nitrosodi-n-propylamine		130	U	130	250
N-Nitrosodiphenylamine		130	U	100	250
Pentachlorophenol		400	U	400	740
Phenanthrene		81	D	16	33
Phenol		130	U	130	250
Pyrene		61	D	16	33
1,2,4-Trichlorobenzene		130	U	130	250
2,4,5-Trichlorophenol		130	U	120	740
2,4,6-Trichlorophenol		400	U	400	740

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	60		45 - 105
2-Fluorophenol (Surr)	72		35 - 105
Nitrobenzene-d5 (Surr)	64		35 - 100
Phenol-d5 (Surr)	69		40 - 100
Terphenyl-d14 (Surr)	68		30 - 125
2,4,6-Tribromophenol (Surr)	70		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0032M-0001-SO**

Lab Sample ID: 240-17768-19 Date Sampled: 11/14/2012 1615
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130018.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.79 g
Analysis Date:	11/30/2012 1504			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.7
Acenaphthylene		3.3	U	3.3	6.7
Anthracene		12		3.3	6.7
Benzo[a]anthracene		26		3.3	6.7
Benzo[a]pyrene		30		3.3	6.7
Benzo[b]fluoranthene		27		3.3	6.7
Benzo[g,h,i]perylene		13		3.3	6.7
Benzoic acid		340	U	340	660
Benzo[k]fluoranthene		12	M	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		33	J B	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		27		1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		8.6	J	3.3	50
1,2-Dichlorobenzene		27	U	9.8	50
1,3-Dichlorobenzene		27	U	11	50
1,4-Dichlorobenzene		27	U	20	50
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		64		3.3	6.7
Fluorene		7.1		3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	50

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0032M-0001-SO**

Lab Sample ID: 240-17768-19 Date Sampled: 11/14/2012 1615
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130018.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.79 g
Analysis Date:	11/30/2012 1504			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		18	M	3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		23		3.3	6.7
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	400
Naphthalene		20		3.3	6.7
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		81	U	81	150
Phenanthrene		56		3.3	6.7
Phenol		27	U	27	50
Pyrene		48		3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	67		45 - 105
2-Fluorophenol (Surr)	71		35 - 105
Nitrobenzene-d5 (Surr)	73		35 - 100
Phenol-d5 (Surr)	76		40 - 100
Terphenyl-d14 (Surr)	76		30 - 125
2,4,6-Tribromophenol (Surr)	77		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0033M-0001-SO**

Lab Sample ID: 240-17768-20 Date Sampled: 11/14/2012 1645
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130016.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.59 g
Analysis Date:	11/30/2012 1417			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.8
Acenaphthylene		3.3	U	3.3	6.8
Anthracene		3.3	U	3.3	6.8
Benzo[a]anthracene		11		3.3	6.8
Benzo[a]pyrene		16		3.3	6.8
Benzo[b]fluoranthene		12		3.3	6.8
Benzo[g,h,i]perylene		7.9		3.3	6.8
Benzoic acid		340	U	340	670
Benzo[k]fluoranthene		10	M	3.3	6.8
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		32	J B	19	51
4-Bromophenyl phenyl ether		27	U	13	51
Butyl benzyl phthalate		27	U	10	51
Carbazole		27	U	27	51
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	51
2-Chlorophenol		27	U	27	51
4-Chlorophenyl phenyl ether		27	U	13	51
Chrysene		13		1.1	6.8
Dibenz(a,h)anthracene		3.3	U	3.3	6.8
Dibenzofuran		11	J	3.3	51
1,2-Dichlorobenzene		27	U	9.8	51
1,3-Dichlorobenzene		27	U	11	51
1,4-Dichlorobenzene		27	U	20	51
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	51
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	51
Di-n-butyl phthalate		27	U	15	51
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	51
Fluoranthene		23		3.3	6.8
Fluorene		3.3	U	3.3	6.8
Hexachlorobenzene		3.3	U	2.1	6.8
Hexachlorobutadiene		27	U	27	51
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	51

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0033M-0001-SO**

Lab Sample ID: 240-17768-20 Date Sampled: 11/14/2012 1645
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130016.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.59 g
Analysis Date:	11/30/2012 1417			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		10		3.3	6.8
Isophorone		27	U	13	51
2-Methylnaphthalene		54		3.3	6.8
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	410
Naphthalene		48		3.3	6.8
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	51
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	51
N-Nitrosodiphenylamine		27	U	21	51
Pentachlorophenol		81	U	81	150
Phenanthrene		23		3.3	6.8
Phenol		27	U	27	51
Pyrene		18		3.3	6.8
1,2,4-Trichlorobenzene		27	U	27	51
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	62		45 - 105
2-Fluorophenol (Surr)	64		35 - 105
Nitrobenzene-d5 (Surr)	67		35 - 100
Phenol-d5 (Surr)	65		40 - 100
Terphenyl-d14 (Surr)	68		30 - 125
2,4,6-Tribromophenol (Surr)	71		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0034M-0001-SO**

Lab Sample ID: 240-17768-21 Date Sampled: 11/14/2012 1700
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130015.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.00 g
Analysis Date:	11/30/2012 1354			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		17	U	17	33
Acenaphthylene		17	U	17	33
Anthracene		17	U	17	33
Benzo[a]anthracene		17	U	17	33
Benzo[a]pyrene		55	D	17	33
Benzo[b]fluoranthene		21	J D M	17	33
Benzo[g,h,i]perylene		17	U	17	33
Benzoic acid		1700	U	1700	3300
Benzo[k]fluoranthene		17	U	17	33
Benzyl alcohol		140	U	110	1700
Bis(2-chloroethoxy)methane		140	U	110	500
Bis(2-chloroethyl)ether		17	U	10	500
bis (2-chloroisopropyl) ether		140	U	48	500
Bis(2-ethylhexyl) phthalate		140	U	95	250
4-Bromophenyl phenyl ether		140	U	65	250
Butyl benzyl phthalate		140	U	50	250
Carbazole		140	U	140	250
4-Chloroaniline		140	U	85	750
4-Chloro-3-methylphenol		140	U	110	750
2-Chloronaphthalene		17	U	17	250
2-Chlorophenol		140	U	140	250
4-Chlorophenyl phenyl ether		140	U	65	250
Chrysene		17	U	5.5	33
Dibenz(a,h)anthracene		17	U	17	33
Dibenzofuran		17	U	17	250
1,2-Dichlorobenzene		140	U	49	250
1,3-Dichlorobenzene		140	U	55	250
1,4-Dichlorobenzene		140	U	100	250
3,3'-Dichlorobenzidine		400	U	90	500
2,4-Dichlorophenol		140	U	100	750
Diethyl phthalate		140	U	80	250
2,4-Dimethylphenol		400	U	100	750
Dimethyl phthalate		140	U	85	250
Di-n-butyl phthalate		140	U	75	250
4,6-Dinitro-2-methylphenol		400	U	400	750
2,4-Dinitrophenol		400	U	400	1700
2,4-Dinitrotoluene		140	U	140	1000
2,6-Dinitrotoluene		140	U	110	1000
Di-n-octyl phthalate		140	U	140	250
Fluoranthene		56	D	17	33
Fluorene		59	D	17	33
Hexachlorobenzene		17	U	11	33
Hexachlorobutadiene		140	U	140	250
Hexachlorocyclopentadiene		140	U	140	1700
Hexachloroethane		140	U	45	250

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0034M-0001-SO**

Lab Sample ID: 240-17768-21 Date Sampled: 11/14/2012 1700
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130015.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.00 g
Analysis Date:	11/30/2012 1354			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		17	U	17	33
Isophorone		140	U	65	250
2-Methylnaphthalene		43	D	17	33
2-Methylphenol		400	U	400	1000
3 & 4 Methylphenol		400	U	100	2000
Naphthalene		42	D	17	33
2-Nitroaniline		140	U	46	1000
3-Nitroaniline		400	U	80	1000
4-Nitroaniline		140	U	130	1000
Nitrobenzene		17	U	11	500
2-Nitrophenol		140	U	140	250
4-Nitrophenol		400	U	400	1700
N-Nitrosodi-n-propylamine		140	U	140	250
N-Nitrosodiphenylamine		140	U	110	250
Pentachlorophenol		400	U	400	750
Phenanthrene		200	D	17	33
Phenol		140	U	140	250
Pyrene		57	D	17	33
1,2,4-Trichlorobenzene		140	U	140	250
2,4,5-Trichlorophenol		140	U	130	750
2,4,6-Trichlorophenol		400	U	400	750

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	66		45 - 105
2-Fluorophenol (Surr)	72		35 - 105
Nitrobenzene-d5 (Surr)	70		35 - 100
Phenol-d5 (Surr)	70		40 - 100
Terphenyl-d14 (Surr)	73		30 - 125
2,4,6-Tribromophenol (Surr)	72		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0035M-0001-SO**

Lab Sample ID: 240-17768-22 Date Sampled: 11/14/2012 1730
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130013.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.82 g
Analysis Date:	11/30/2012 1307			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		17	U	17	34
Acenaphthylene		17	U	17	34
Anthracene		22	J D	17	34
Benzo[a]anthracene		72	D	17	34
Benzo[a]pyrene		100	D	17	34
Benzo[b]fluoranthene		130	D M	17	34
Benzo[g,h,i]perylene		59	D	17	34
Benzoic acid		1700	U	1700	3300
Benzo[k]fluoranthene		26	J D M	17	34
Benzyl alcohol		140	U	110	1700
Bis(2-chloroethoxy)methane		140	U	110	500
Bis(2-chloroethyl)ether		17	U	10	500
bis (2-chloroisopropyl) ether		140	U	48	500
Bis(2-ethylhexyl) phthalate		140	U	96	250
4-Bromophenyl phenyl ether		140	U	65	250
Butyl benzyl phthalate		140	U	50	250
Carbazole		140	U	140	250
4-Chloroaniline		140	U	86	750
4-Chloro-3-methylphenol		140	U	110	750
2-Chloronaphthalene		17	U	17	250
2-Chlorophenol		140	U	140	250
4-Chlorophenyl phenyl ether		140	U	65	250
Chrysene		88	D	5.5	34
Dibenz(a,h)anthracene		17	U	17	34
Dibenzofuran		17	U	17	250
1,2-Dichlorobenzene		140	U	49	250
1,3-Dichlorobenzene		140	U	55	250
1,4-Dichlorobenzene		140	U	100	250
3,3'-Dichlorobenzidine		400	U	91	500
2,4-Dichlorophenol		140	U	100	750
Diethyl phthalate		140	U	80	250
2,4-Dimethylphenol		400	U	100	750
Dimethyl phthalate		140	U	86	250
Di-n-butyl phthalate		140	U	75	250
4,6-Dinitro-2-methylphenol		400	U	400	750
2,4-Dinitrophenol		400	U	400	1700
2,4-Dinitrotoluene		140	U	140	1000
2,6-Dinitrotoluene		140	U	110	1000
Di-n-octyl phthalate		140	U	140	250
Fluoranthene		190	D	17	34
Fluorene		17	U	17	34
Hexachlorobenzene		17	U	11	34
Hexachlorobutadiene		140	U	140	250
Hexachlorocyclopentadiene		140	U	140	1700
Hexachloroethane		140	U	45	250

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0035M-0001-SO**

Lab Sample ID: 240-17768-22 Date Sampled: 11/14/2012 1730
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130013.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.82 g
Analysis Date:	11/30/2012 1307			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		70	D	17	34
Isophorone		140	U	65	250
2-Methylnaphthalene		22	J D	17	34
2-Methylphenol		400	U	400	1000
3 & 4 Methylphenol		400	U	100	2000
Naphthalene		20	J D	17	34
2-Nitroaniline		140	U	46	1000
3-Nitroaniline		400	U	80	1000
4-Nitroaniline		140	U	130	1000
Nitrobenzene		17	U	11	500
2-Nitrophenol		140	U	140	250
4-Nitrophenol		400	U	400	1700
N-Nitrosodi-n-propylamine		140	U	140	250
N-Nitrosodiphenylamine		140	U	110	250
Pentachlorophenol		400	U	400	750
Phenanthrene		120	D	17	34
Phenol		140	U	140	250
Pyrene		130	D	17	34
1,2,4-Trichlorobenzene		140	U	140	250
2,4,5-Trichlorophenol		140	U	130	750
2,4,6-Trichlorophenol		400	U	400	750

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	68		45 - 105
2-Fluorophenol (Surr)	65		35 - 105
Nitrobenzene-d5 (Surr)	64		35 - 100
Phenol-d5 (Surr)	68		40 - 100
Terphenyl-d14 (Surr)	76		30 - 125
2,4,6-Tribromophenol (Surr)	74		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0036M-0001-SO**

Lab Sample ID: 240-17768-23 Date Sampled: 11/14/2012 1745
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130006.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.03 g
Analysis Date:	11/30/2012 1024			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		16	U	16	33
Acenaphthylene		16	U	16	33
Anthracene		16	U	16	33
Benzo[a]anthracene		16	U	16	33
Benzo[a]pyrene		16	U	16	33
Benzo[b]fluoranthene		16	U	16	33
Benzo[g,h,i]perylene		16	U	16	33
Benzoic acid		1700	U	1700	3300
Benzo[k]fluoranthene		16	U	16	33
Benzyl alcohol		130	U	100	1600
Bis(2-chloroethoxy)methane		130	U	110	500
Bis(2-chloroethyl)ether		16	U	10	500
bis (2-chloroisopropyl) ether		130	U	47	500
Bis(2-ethylhexyl) phthalate		130	U	95	250
4-Bromophenyl phenyl ether		130	U	65	250
Butyl benzyl phthalate		130	U	50	250
Carbazole		130	U	130	250
4-Chloroaniline		130	U J	85	750
4-Chloro-3-methylphenol		130	U	100	750
2-Chloronaphthalene		16	U	16	250
2-Chlorophenol		130	U	130	250
4-Chlorophenyl phenyl ether		130	U	65	250
Chrysene		16	U	5.5	33
Dibenz(a,h)anthracene		16	U	16	33
Dibenzofuran		16	U	16	250
1,2-Dichlorobenzene		130	U	48	250
1,3-Dichlorobenzene		130	U	55	250
1,4-Dichlorobenzene		130	U	100	250
3,3'-Dichlorobenzidine		400	U	90	500
2,4-Dichlorophenol		130	U	100	750
Diethyl phthalate		130	U	80	250
2,4-Dimethylphenol		400	U J	100	750
Dimethyl phthalate		130	U	85	250
Di-n-butyl phthalate		130	U	75	250
4,6-Dinitro-2-methylphenol		400	U	400	750
2,4-Dinitrophenol		400	U J	400	1600
2,4-Dinitrotoluene		130	U	130	1000
2,6-Dinitrotoluene		130	U	100	1000
Di-n-octyl phthalate		130	U	130	250
Fluoranthene		16	U	16	33
Fluorene		16	U	16	33
Hexachlorobenzene		16	U	10	33
Hexachlorobutadiene		130	U	130	250
Hexachlorocyclopentadiene		130	U	130	1600
Hexachloroethane		130	U	45	250

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0036M-0001-SO**

Lab Sample ID: 240-17768-23 Date Sampled: 11/14/2012 1745
Client Matrix: Solid Date Received: 11/15/2012 0835

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

Analysis Method:	8270C/DoD	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-66397	Lab File ID:	21130006.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.03 g
Analysis Date:	11/30/2012 1024			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		16	U	16	33
Isophorone		130	U	65	250
2-Methylnaphthalene		16	U	16	33
2-Methylphenol		400	U J	400	1000
3 & 4 Methylphenol		400	U	100	2000
Naphthalene		16	U	16	33
2-Nitroaniline		130	U J	45	1000
3-Nitroaniline		400	U J	80	1000
4-Nitroaniline		130	U	130	1000
Nitrobenzene		16	U	11	500
2-Nitrophenol		130	U	130	250
4-Nitrophenol		400	U J	400	1600
N-Nitrosodi-n-propylamine		130	U J	130	250
N-Nitrosodiphenylamine		130	U	100	250
Pentachlorophenol		400	U	400	750
Phenanthrene		16	U	16	33
Phenol		130	U	130	250
Pyrene		16	U	16	33
1,2,4-Trichlorobenzene		130	U	130	250
2,4,5-Trichlorophenol		130	U	120	750
2,4,6-Trichlorophenol		400	U	400	750

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	70		45 - 105
2-Fluorophenol (Surr)	73		35 - 105
Nitrobenzene-d5 (Surr)	73		35 - 100
Phenol-d5 (Surr)	70		40 - 100
Terphenyl-d14 (Surr)	75		30 - 125
2,4,6-Tribromophenol (Surr)	65		35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0011M-0001-SO**

Lab Sample ID: 240-17768-1 Date Sampled: 11/14/2012 1250
Client Matrix: Solid % Moisture: 12.5 Date Received: 11/15/2012 0835

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-66387	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-66556	Initial Weight/Volume:	5.356 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/28/2012 2259			Injection Volume:	
Prep Date:	11/15/2012 2100			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		53	U	49	110

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

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0012M-0001-SO**

Lab Sample ID: 240-17768-2 Date Sampled: 11/14/2012 1250
Client Matrix: Solid % Moisture: 19.2 Date Received: 11/15/2012 0835

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-66387	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-66321	Initial Weight/Volume:	6.238 g
Dilution:	10			Final Weight/Volume:	5 mL
Analysis Date:	11/27/2012 2340			Injection Volume:	
Prep Date:	11/26/2012 1421			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		160000	D	17000	50000

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	76	M	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0013M-0001-SO**

Lab Sample ID: 240-17768-3 Date Sampled: 11/14/2012 1100
Client Matrix: Solid % Moisture: 19.2 Date Received: 11/15/2012 0835

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-66387	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-66556	Initial Weight/Volume:	6.224 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/28/2012 1125			Injection Volume:	
Prep Date:	11/15/2012 2100			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		140		46	99

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	68		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0014M-0001-SO**

Lab Sample ID: 240-17768-4 Date Sampled: 11/14/2012 0935
Client Matrix: Solid % Moisture: 17.1 Date Received: 11/15/2012 0835

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-66387	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-66321	Initial Weight/Volume:	6.125 g
Dilution:	10			Final Weight/Volume:	5 mL
Analysis Date:	11/28/2012 0057			Injection Volume:	
Prep Date:	11/26/2012 1421			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		190000	D	17000	49000

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	100	M	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0015M-0001-SO**

Lab Sample ID: 240-17768-5 Date Sampled: 11/14/2012 1300
Client Matrix: Solid % Moisture: 23.2 Date Received: 11/15/2012 0835

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-66387	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-66556	Initial Weight/Volume:	6.378 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/28/2012 1204			Injection Volume:	
Prep Date:	11/15/2012 2100			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		51	U	47	100

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

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0016M-0001-SO**

Lab Sample ID: 240-17768-6 Date Sampled: 11/14/2012 1150
Client Matrix: Solid % Moisture: 19.4 Date Received: 11/15/2012 0835

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-66387	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-66556	Initial Weight/Volume:	5.674 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/28/2012 1243			Injection Volume:	
Prep Date:	11/15/2012 2100			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		55	U	50	110

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

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0017M-0001-SO**

Lab Sample ID: 240-17768-7 Date Sampled: 11/14/2012 1215
Client Matrix: Solid % Moisture: 20.8 Date Received: 11/15/2012 0835

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-66387	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-66556	Initial Weight/Volume:	5.46 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/28/2012 1322			Injection Volume:	
Prep Date:	11/15/2012 2100			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		58	U	53	120

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

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0018-0001-TB**

Lab Sample ID: 240-17768-8 Date Sampled: 11/14/2012 0800
Client Matrix: Water Date Received: 11/15/2012 0835

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-66387	Instrument ID:	YPID
Prep Method:	5030B		N/A	Initial Weight/Volume:	5 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/28/2012 1518			Injection Volume:	
Prep Date:	11/28/2012 1518			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
C6-C12	49	J	25	100

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

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0011M-0001-SO**

Lab Sample ID: 240-17768-1 Date Sampled: 11/14/2012 1250
Client Matrix: Solid Date Received: 11/15/2012 0835

8015B Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B	Analysis Batch:	240-67061	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-66394	Initial Weight/Volume:	29.71 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	5 mL
Analysis Date:	12/03/2012 1336			Injection Volume:	1 uL
Prep Date:	11/27/2012 0912			Result Type:	PRIMARY
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		30		9.4	17
C20-C34		120	M	9.4	17

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	74		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0012M-0001-SO**

Lab Sample ID: 240-17768-2 Date Sampled: 11/14/2012 1250
Client Matrix: Solid Date Received: 11/15/2012 0835

8015B Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B	Analysis Batch:	240-66605	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-66394	Initial Weight/Volume:	30.23 g
Dilution:	10	Leach Batch:	240-65974	Final Weight/Volume:	5 mL
Analysis Date:	11/28/2012 2335			Injection Volume:	1 uL
Prep Date:	11/27/2012 0912			Result Type:	PRIMARY
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		730	D	92	170
C20-C34		990	D M	92	170

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	66		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0013M-0001-SO**

Lab Sample ID: 240-17768-3 Date Sampled: 11/14/2012 1100
Client Matrix: Solid Date Received: 11/15/2012 0835

8015B Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B	Analysis Batch:	240-67287	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-66394	Initial Weight/Volume:	30.30 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	5 mL
Analysis Date:	12/05/2012 0301			Injection Volume:	1 uL
Prep Date:	11/27/2012 0912			Result Type:	PRIMARY
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		37		9.2	17
C20-C34		160	M	9.2	17

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	54		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0014M-0001-SO**

Lab Sample ID: 240-17768-4 Date Sampled: 11/14/2012 0935
Client Matrix: Solid Date Received: 11/15/2012 0835

8015B Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B	Analysis Batch:	240-67061	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-66394	Initial Weight/Volume:	30.42 g
Dilution:	100	Leach Batch:	240-65974	Final Weight/Volume:	5 mL
Analysis Date:	12/03/2012 1438			Injection Volume:	1 uL
Prep Date:	11/27/2012 0912			Result Type:	PRIMARY
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		3300	D	910	1600
C20-C34		4700	D M	910	1600

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	68		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0015M-0001-SO**

Lab Sample ID: 240-17768-5 Date Sampled: 11/14/2012 1300
Client Matrix: Solid Date Received: 11/15/2012 0835

8015B Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B	Analysis Batch:	240-66605	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-66394	Initial Weight/Volume:	30.24 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	5 mL
Analysis Date:	11/29/2012 0106			Injection Volume:	1 uL
Prep Date:	11/27/2012 0912			Result Type:	PRIMARY
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		26		9.2	17
C20-C34		16	J	9.2	17

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	74		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0016M-0001-SO**

Lab Sample ID: 240-17768-6 Date Sampled: 11/14/2012 1150
Client Matrix: Solid Date Received: 11/15/2012 0835

8015B Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B	Analysis Batch:	240-66605	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-66394	Initial Weight/Volume:	30.48 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	5 mL
Analysis Date:	11/29/2012 0137			Injection Volume:	1 uL
Prep Date:	11/27/2012 0912			Result Type:	PRIMARY
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		37		9.1	16
C20-C34		51	M	9.1	16

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	64		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **70SB-0017M-0001-SO**

Lab Sample ID: 240-17768-7 Date Sampled: 11/14/2012 1215
Client Matrix: Solid Date Received: 11/15/2012 0835

8015B Diesel Range Organics (DRO) (GC)

Analysis Method:	8015B	Analysis Batch:	240-66605	Instrument ID:	A2HP5R
Prep Method:	3540C	Prep Batch:	240-66394	Initial Weight/Volume:	29.82 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	5 mL
Analysis Date:	11/29/2012 0238			Injection Volume:	1 uL
Prep Date:	11/27/2012 0912			Result Type:	PRIMARY
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
C10-C20		30		9.3	17
C20-C34		61	M	9.3	17

Surrogate	%Rec	Qualifier	Acceptance Limits
n-Nonane	73		10 - 110

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0037M-0001-SO**

Lab Sample ID: 240-17768-9 Date Sampled: 11/14/2012 1550
Client Matrix: Solid Date Received: 11/15/2012 0835

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-66777	Initial Weight/Volume:	29.75 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	10 mL
Analysis Date:	12/04/2012 0343			Injection Volume:	1 mL
Prep Date:	11/29/2012 1128			Result Type:	PRIMARY
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U H	16	50
Aroclor-1016		25	U H	21	66
Aroclor-1232		25	U H	14	45
Aroclor-1242		25	U H	13	40
Aroclor-1248		25	U H	17	55
Aroclor-1254		25	U H	17	55
Aroclor-1260		25	U H	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	74		40 - 140
DCB Decachlorobiphenyl	80		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0037M-0001-SO**

Lab Sample ID: 240-17768-9 Date Sampled: 11/14/2012 1550
Client Matrix: Solid Date Received: 11/15/2012 0835

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-66777	Initial Weight/Volume:	29.75 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	10 mL
Analysis Date:	12/04/2012 0343			Injection Volume:	1 mL
Prep Date:	11/29/2012 1128			Result Type:	SECONDARY
Leach Date:	11/21/2012 1000				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	70		40 - 140
DCB Decachlorobiphenyl	75		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0038M-0001-SO**

Lab Sample ID: 240-17768-10 Date Sampled: 11/14/2012 1550
Client Matrix: Solid Date Received: 11/15/2012 0835

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-66777	Initial Weight/Volume:	29.62 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	10 mL
Analysis Date:	12/04/2012 0358			Injection Volume:	1 mL
Prep Date:	11/29/2012 1128			Result Type:	PRIMARY
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U H	16	51
Aroclor-1016		25	U H	21	66
Aroclor-1232		25	U H	14	46
Aroclor-1242		25	U H	13	41
Aroclor-1248		25	U H	17	56
Aroclor-1254		25	U H	17	56
Aroclor-1260		25	U H	17	56

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		40 - 140
DCB Decachlorobiphenyl	83		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0038M-0001-SO**

Lab Sample ID: 240-17768-10 Date Sampled: 11/14/2012 1550
Client Matrix: Solid Date Received: 11/15/2012 0835

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-66777	Initial Weight/Volume:	29.62 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	10 mL
Analysis Date:	12/04/2012 0358			Injection Volume:	1 mL
Prep Date:	11/29/2012 1128			Result Type:	SECONDARY
Leach Date:	11/21/2012 1000				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	74		40 - 140
DCB Decachlorobiphenyl	75		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0039M-0001-SO**

Lab Sample ID: 240-17768-11 Date Sampled: 11/14/2012 1500
Client Matrix: Solid Date Received: 11/15/2012 0835

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-66777	Initial Weight/Volume:	29.78 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	10 mL
Analysis Date:	12/04/2012 0412			Injection Volume:	1 mL
Prep Date:	11/29/2012 1128			Result Type:	PRIMARY
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U H	16	50
Aroclor-1016		25	U H	21	65
Aroclor-1232		25	U H	14	45
Aroclor-1242		25	U H	13	40
Aroclor-1248		25	U H	17	55
Aroclor-1254		25	U H	17	55
Aroclor-1260		25	U H	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	72		40 - 140
DCB Decachlorobiphenyl	76		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0039M-0001-SO**

Lab Sample ID: 240-17768-11 Date Sampled: 11/14/2012 1500
Client Matrix: Solid Date Received: 11/15/2012 0835

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-66777	Initial Weight/Volume:	29.78 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	10 mL
Analysis Date:	12/04/2012 0412			Injection Volume:	1 mL
Prep Date:	11/29/2012 1128			Result Type:	SECONDARY
Leach Date:	11/21/2012 1000				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	69		40 - 140
DCB Decachlorobiphenyl	73		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0040M-0001-SO**

Lab Sample ID: 240-17768-12 Date Sampled: 11/14/2012 1520
Client Matrix: Solid Date Received: 11/15/2012 0835

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-66777	Initial Weight/Volume:	30.27 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	10 mL
Analysis Date:	12/04/2012 0428			Injection Volume:	1 mL
Prep Date:	11/29/2012 1128			Result Type:	PRIMARY
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U H	16	50
Aroclor-1016		25	U H	21	64
Aroclor-1232		25	U H	14	45
Aroclor-1242		25	U H	13	40
Aroclor-1248		25	U H	17	55
Aroclor-1254		25	U H	17	55
Aroclor-1260		25	U H	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	77		40 - 140
DCB Decachlorobiphenyl	78		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0040M-0001-SO**

Lab Sample ID: 240-17768-12 Date Sampled: 11/14/2012 1520
Client Matrix: Solid Date Received: 11/15/2012 0835

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-66777	Initial Weight/Volume:	30.27 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	10 mL
Analysis Date:	12/04/2012 0428			Injection Volume:	1 mL
Prep Date:	11/29/2012 1128			Result Type:	SECONDARY
Leach Date:	11/21/2012 1000				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	73		40 - 140
DCB Decachlorobiphenyl	71		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0041M-0001-SO**

Lab Sample ID: 240-17768-13 Date Sampled: 11/14/2012 1530
Client Matrix: Solid Date Received: 11/15/2012 0835

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-66777	Initial Weight/Volume:	30.37 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	10 mL
Analysis Date:	12/04/2012 0442			Injection Volume:	1 mL
Prep Date:	11/29/2012 1128			Result Type:	PRIMARY
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		24	U H	16	49
Aroclor-1016		24	U H	21	64
Aroclor-1232		24	U H	14	44
Aroclor-1242		24	U H	13	40
Aroclor-1248		24	U H	17	54
Aroclor-1254		24	U H	17	54
Aroclor-1260		24	U H	17	54

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	67		40 - 140
DCB Decachlorobiphenyl	72		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0041M-0001-SO**

Lab Sample ID: 240-17768-13 Date Sampled: 11/14/2012 1530
Client Matrix: Solid Date Received: 11/15/2012 0835

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-66777	Initial Weight/Volume:	30.37 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	10 mL
Analysis Date:	12/04/2012 0442			Injection Volume:	1 mL
Prep Date:	11/29/2012 1128			Result Type:	SECONDARY
Leach Date:	11/21/2012 1000				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	65		40 - 140
DCB Decachlorobiphenyl	67		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0042M-0001-SO**

Lab Sample ID: 240-17768-14 Date Sampled: 11/14/2012 1545
Client Matrix: Solid Date Received: 11/15/2012 0835

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-66777	Initial Weight/Volume:	30.48 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	10 mL
Analysis Date:	12/04/2012 0457			Injection Volume:	1 mL
Prep Date:	11/29/2012 1128			Result Type:	PRIMARY
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		24	U H	16	49
Aroclor-1016		24	U H	21	64
Aroclor-1232		24	U H	14	44
Aroclor-1242		24	U H	13	39
Aroclor-1248		24	U H	17	54
Aroclor-1254		24	U H	17	54
Aroclor-1260		24	U H	17	54

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		40 - 140
DCB Decachlorobiphenyl	83		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0042M-0001-SO**

Lab Sample ID: 240-17768-14 Date Sampled: 11/14/2012 1545
Client Matrix: Solid Date Received: 11/15/2012 0835

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-66777	Initial Weight/Volume:	30.48 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	10 mL
Analysis Date:	12/04/2012 0457			Injection Volume:	1 mL
Prep Date:	11/29/2012 1128			Result Type:	SECONDARY
Leach Date:	11/21/2012 1000				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	74		40 - 140
DCB Decachlorobiphenyl	79		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0043M-0001-SO**

Lab Sample ID: 240-17768-15 Date Sampled: 11/14/2012 1555
Client Matrix: Solid Date Received: 11/15/2012 0835

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-66777	Initial Weight/Volume:	29.96 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	10 mL
Analysis Date:	12/04/2012 0512			Injection Volume:	1 mL
Prep Date:	11/29/2012 1128			Result Type:	PRIMARY
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U H	16	50
Aroclor-1016		25	U H	21	65
Aroclor-1232		25	U H	14	45
Aroclor-1242		25	U H	13	40
Aroclor-1248		25	U H	17	55
Aroclor-1254		25	U H	17	55
Aroclor-1260		25	U H	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		40 - 140
DCB Decachlorobiphenyl	77		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0043M-0001-SO**

Lab Sample ID: 240-17768-15 Date Sampled: 11/14/2012 1555
Client Matrix: Solid Date Received: 11/15/2012 0835

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-66777	Initial Weight/Volume:	29.96 g
Dilution:	1.0	Leach Batch:	240-65974	Final Weight/Volume:	10 mL
Analysis Date:	12/04/2012 0512			Injection Volume:	1 mL
Prep Date:	11/29/2012 1128			Result Type:	SECONDARY
Leach Date:	11/21/2012 1000				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	67		40 - 140
DCB Decachlorobiphenyl	72		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0037M-0001-SO**

Lab Sample ID: 240-17768-9 Date Sampled: 11/14/2012 1550
Client Matrix: Solid Date Received: 11/15/2012 0835

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	0.65 g
Analysis Date:	11/30/2012 1454			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.038	J	0.013	0.092

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0038M-0001-SO**

Lab Sample ID: 240-17768-10 Date Sampled: 11/14/2012 1550
Client Matrix: Solid Date Received: 11/15/2012 0835

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	0.64 g
Analysis Date:	11/30/2012 1436			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.022	J	0.013	0.094

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0039M-0001-SO**

Lab Sample ID: 240-17768-11 Date Sampled: 11/14/2012 1500
Client Matrix: Solid Date Received: 11/15/2012 0835

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	0.58 g
Analysis Date:	11/30/2012 1432			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.036	J	0.014	0.10

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0040M-0001-SO**

Lab Sample ID: 240-17768-12 Date Sampled: 11/14/2012 1520
Client Matrix: Solid Date Received: 11/15/2012 0835

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	0.58 g
Analysis Date:	11/30/2012 1438			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.027	J	0.014	0.10

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0041M-0001-SO**

Lab Sample ID: 240-17768-13 Date Sampled: 11/14/2012 1530
Client Matrix: Solid Date Received: 11/15/2012 0835

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	0.69 g
Analysis Date:	11/30/2012 1457			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.039	J	0.012	0.087

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0042M-0001-SO**

Lab Sample ID: 240-17768-14 Date Sampled: 11/14/2012 1545
Client Matrix: Solid Date Received: 11/15/2012 0835

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	0.62 g
Analysis Date:	11/30/2012 1449			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.039	J	0.014	0.097

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0043M-0001-SO**

Lab Sample ID: 240-17768-15 Date Sampled: 11/14/2012 1555
Client Matrix: Solid Date Received: 11/15/2012 0835

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	0.53 g
Analysis Date:	11/30/2012 1447			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.036	J	0.016	0.11

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0030M-0001-SO**

Lab Sample ID: 240-17768-17 Date Sampled: 11/14/2012 1615
Client Matrix: Solid Date Received: 11/15/2012 0835

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	0.58 g
Analysis Date:	11/30/2012 1442			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.037	J	0.014	0.10

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0031M-0001-SO**

Lab Sample ID: 240-17768-18 Date Sampled: 11/14/2012 1615
Client Matrix: Solid Date Received: 11/15/2012 0835

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	0.58 g
Analysis Date:	11/30/2012 1458			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.040	J	0.014	0.10

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0032M-0001-SO**

Lab Sample ID: 240-17768-19 Date Sampled: 11/14/2012 1615
Client Matrix: Solid Date Received: 11/15/2012 0835

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	0.60 g
Analysis Date:	11/30/2012 1440			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.042	J	0.014	0.10

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0033M-0001-SO**

Lab Sample ID: 240-17768-20 Date Sampled: 11/14/2012 1645
Client Matrix: Solid Date Received: 11/15/2012 0835

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	0.54 g
Analysis Date:	11/30/2012 1431			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.041	J	0.016	0.11

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0034M-0001-SO**

Lab Sample ID: 240-17768-21 Date Sampled: 11/14/2012 1700
Client Matrix: Solid Date Received: 11/15/2012 0835

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	0.66 g
Analysis Date:	11/30/2012 1456			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.031	J	0.013	0.091

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0035M-0001-SO**

Lab Sample ID: 240-17768-22 Date Sampled: 11/14/2012 1730
Client Matrix: Solid Date Received: 11/15/2012 0835

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	0.63 g
Analysis Date:	11/30/2012 1439			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.032	J	0.013	0.095

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Client Sample ID: **076SB-0036M-0001-SO**

Lab Sample ID: 240-17768-23 Date Sampled: 11/14/2012 1745
Client Matrix: Solid Date Received: 11/15/2012 0835

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-67078	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	0.62 g
Analysis Date:	11/30/2012 1453			Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	11/21/2012 1000				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.022	J	0.014	0.097

General Chemistry

Client Sample ID: **70SB-0011M-0001-SO**

Lab Sample ID: 240-17768-1 Date Sampled: 11/14/2012 1250

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	88		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	12		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **70SB-0012M-0001-SO**

Lab Sample ID: 240-17768-2 Date Sampled: 11/14/2012 1250

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **70SB-0013M-0001-SO**

Lab Sample ID: 240-17768-3 Date Sampled: 11/14/2012 1100

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

Client: Environmental Chemical Corp. Job Number: 240-17768-1

General Chemistry

Client Sample ID: **70SB-0014M-0001-SO**

Lab Sample ID: 240-17768-4 Date Sampled: 11/14/2012 0935
Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	83		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	17		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **70SB-0015M-0001-SO**

Lab Sample ID: 240-17768-5 Date Sampled: 11/14/2012 1300

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	77		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	23		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **70SB-0016M-0001-SO**

Lab Sample ID: 240-17768-6 Date Sampled: 11/14/2012 1150

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **70SB-0017M-0001-SO**

Lab Sample ID: 240-17768-7 Date Sampled: 11/14/2012 1215

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	79		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	21		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0037M-0001-SO**

Lab Sample ID: 240-17768-9 Date Sampled: 11/14/2012 1550

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0038M-0001-SO**

Lab Sample ID: 240-17768-10 Date Sampled: 11/14/2012 1550

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

Client: Environmental Chemical Corp. Job Number: 240-17768-1

General Chemistry

Client Sample ID: **076SB-0039M-0001-SO**

Lab Sample ID: 240-17768-11 Date Sampled: 11/14/2012 1500
Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	81		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	19		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0040M-0001-SO**

Lab Sample ID: 240-17768-12 Date Sampled: 11/14/2012 1520

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0041M-0001-SO**

Lab Sample ID: 240-17768-13 Date Sampled: 11/14/2012 1530

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	86		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	14		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0042M-0001-SO**

Lab Sample ID: 240-17768-14 Date Sampled: 11/14/2012 1545

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	80		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	20		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0043M-0001-SO**

Lab Sample ID: 240-17768-15 Date Sampled: 11/14/2012 1555

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0030M-0001-SO**

Lab Sample ID: 240-17768-17 Date Sampled: 11/14/2012 1615

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0031M-0001-SO**

Lab Sample ID: 240-17768-18 Date Sampled: 11/14/2012 1615

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0032M-0001-SO**

Lab Sample ID: 240-17768-19 Date Sampled: 11/14/2012 1615

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0033M-0001-SO**

Lab Sample ID: 240-17768-20 Date Sampled: 11/14/2012 1645

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	84		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	16		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0034M-0001-SO**

Lab Sample ID: 240-17768-21 Date Sampled: 11/14/2012 1700

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1115						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0035M-0001-SO**

Lab Sample ID: 240-17768-22 Date Sampled: 11/14/2012 1730

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	88		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1133						DryWt Corrected: N
Percent Moisture	12		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SB-0036M-0001-SO**

Lab Sample ID: 240-17768-23 Date Sampled: 11/14/2012 1745

Client Matrix: Solid Date Received: 11/15/2012 0835

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1133						DryWt Corrected: N
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65747	Analysis Date: 11/20/2012 1133						DryWt Corrected: N

Client: Environmental Chemical Corp. Job Number: 240-17768-1

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 240-66063/14		86	91	88	87
MRL 240-66063/34		85	95	91	92
MRL 240-66175/5		88	94	93	87
MRL 240-66175/33		84	93	92	86
MRL 240-66239/5		86	93	91	89
MRL 240-66239/31		85	91	94	88

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: 240-17768-1

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
240-17768-1	70SB-0011M-0001-SO	84	97	93	87
240-17768-3	70SB-0013M-0001-SO	82	95	98	98
240-17768-5	70SB-0015M-0001-SO	83	95	94	89
240-17768-6	70SB-0016M-0001-SO	81	96	93	89
240-17768-7	70SB-0017M-0001-SO	83	94	94	94
240-17768-9	076SB-0037M-0001-SO	81	91	98	101
240-17768-10	076SB-0038M-0001-SO	80	90	90	87
240-17768-11	076SB-0039M-0001-SO	90	102	90	69Q
240-17768-12	076SB-0040M-0001-SO	80	91	89	87
240-17768-13	076SB-0041M-0001-SO	81	93	92	87
240-17768-14	076SB-0042M-0001-SO	87	94	93	77Q
240-17768-15	076SB-0043M-0001-SO	80	94	93	92
240-17768-17	076SB-0030M-0001-SO	81	98	92	88
240-17768-18	076SB-0031M-0001-SO	81	93	96	93
240-17768-19	076SB-0032M-0001-SO	83	99	91	87
240-17768-20	076SB-0033M-0001-SO	78	95	87	89
240-17768-22	076SB-0035M-0001-SO	82	94	88	88
240-17768-23	076SB-0036M-0001-SO	84	96	94	93
MB 240-66063/17		85	93	90	87

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: 240-17768-1

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
MB 240-66175/8		84	95	93	89
MB 240-66239/8		82	91	89	85
LCS 240-66063/16		92	93	93	92
LCS 240-66175/7		93	92	93	95
LCS 240-66239/7		91	91	93	90

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: 240-17768-1

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
240-17768-2	70SB-0012M-0001-SO	72	83	63Q	62Q
240-17768-4	70SB-0014M-0001-SO	76	88	74Q	73Q
240-17768-21	076SB-0034M-0001-SO	72	83	73Q	79Q
MB 240-65921/1-A		77	89	86	82Q
LCS 240-65921/2-A		84	90	87	86

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: 240-17768-1

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 240-65929/7		98	102	105	83
MRL 240-65929/20		105	110	111	90

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: 240-17768-1

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
240-17768-8	70SB-0018-0001-TB	102	104	101	76
240-17768-16	076SB-0044-0001-TB	108	112	104	78
MB 240-65929/6		101	108	102	81
LCS 240-65929/4		96	101	102	94

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: 240-17768-1

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
240-17768-1	70SB-0011M-0001-SO	58	61	57	59	60	68
240-17768-2	70SB-0012M-0001-SO	80	87	80	82	82	82
240-17768-3	70SB-0013M-0001-SO	63	65	59	62	60	67
240-17768-4	70SB-0014M-0001-SO	73	72	67	70	62	0Q
240-17768-5	70SB-0015M-0001-SO	66	68	62	64	59	70
240-17768-6	70SB-0016M-0001-SO	76	77	66	72	62	80
240-17768-7	70SB-0017M-0001-SO	65	64	60	62	63	73
240-17768-9	076SB-0037M-0001-SO	58	60	57	55	70	72
240-17768-10	076SB-0038M-0001-SO	75	77	73	70	80	80
240-17768-11	076SB-0039M-0001-SO	73	74	73	66	73	79
240-17768-12	076SB-0040M-0001-SO	67	69	64	58	68	69
240-17768-13	076SB-0041M-0001-SO	63	62	58	57	72	74
240-17768-14	076SB-0042M-0001-SO	74	77	73	72	67	82
240-17768-15	076SB-0043M-0001-SO	65	64	66	59	66	70
240-17768-17	076SB-0030M-0001-SO	62	63	59	62	62	69
240-17768-18	076SB-0031M-0001-SO	72	69	64	60	70	68
240-17768-19	076SB-0032M-0001-SO	71	76	73	67	77	76
240-17768-20	076SB-0033M-0001-SO	64	65	67	62	71	68

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: 240-17768-1

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
240-17768-21	076SB-0034M-0001-SO	72	70	70	66	72	73
240-17768-22	076SB-0035M-0001-SO	65	68	64	68	74	76
240-17768-23	076SB-0036M-0001-SO	73	70	73	70	65	75
MB 240-66227/23-A		63	67	67	61	59	78
MB 240-66237/12-A		63	67	69	62	53	77
MB 240-66397/18-A		71	74	73	67	66	83
LCS 240-66227/24-A		77	79	75	72	78	87
LCS 240-66237/13-A		68	71	74	64	75	84
LCS 240-66397/19-A		73	75	77	69	74	78
240-17768-1 MS	70SB-0011M-0001-SO MS	68	68	68	65	75	72
240-17768-6 MS	70SB-0016M-0001-SO MS	65	68	61	63	59	67
240-17768-23 MS	076SB-0036M-0001-SO MS	72	69	66	66	77	81
240-17768-1 MSD	70SB-0011M-0001-SO MSD	59	63	58	56	64	64
240-17768-6 MSD	70SB-0016M-0001-SO MSD	68	64	57	62	64	68
240-17768-23 MSD	076SB-0036M-0001-SO MSD	53	57	52	51	64	67

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: 240-17768-1

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 240-66878/3		101	103Q	106Q	101	110	103
MRL 240-66878/23		104	107Q	113Q	104	117	105
MRL 240-67052/3		103	106Q	111Q	102	107	103
MRL 240-67052/18		105	108Q	109Q	100	113	105
MRL 240-67225/3		106Q	106Q	112Q	101	104	100
MRL 240-67225/25		100	105Q	111Q	102	114	104
MRL 240-67390/3		106Q	103Q	106Q	101	111	103
MRL 240-67390/26		103	104Q	110Q	103	110	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: 240-17768-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
240-17768-1	70SB-0011M-0001-SO	80
240-17768-3	70SB-0013M-0001-SO	68
240-17768-5	70SB-0015M-0001-SO	73
240-17768-6	70SB-0016M-0001-SO	77
240-17768-7	70SB-0017M-0001-SO	72
MB 240-66387/38		76
LCS 240-66387/39		88
MRL 240-66387/30		77

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	10-150

Client: Environmental Chemical Corp.

Job Number: 240-17768-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
MRL 240-66387/61		74

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	70-130

Client: Environmental Chemical Corp.

Job Number: 240-17768-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
240-17768-2	70SB-0012M-0001-SO	76M
240-17768-4	70SB-0014M-0001-SO	100M
MB 240-66321/1-A		77
LCS 240-66321/2-A		92

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	10-150

Client: Environmental Chemical Corp.

Job Number: 240-17768-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TFT1 %Rec
240-17768-8	70SB-0018-0001-TB	79
MB 240-66387/45		79
LCS 240-66387/46		87

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	10-150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Surrogate Recovery Report

8015B Diesel Range Organics (DRO) (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	C91 %Rec
240-17768-1	70SB-0011M-0001-SO	74
240-17768-2	70SB-0012M-0001-SO	66
240-17768-3	70SB-0013M-0001-SO	54
240-17768-4	70SB-0014M-0001-SO	68
240-17768-5	70SB-0015M-0001-SO	74
240-17768-6	70SB-0016M-0001-SO	64
240-17768-7	70SB-0017M-0001-SO	73
MB 240-66394/10-A		69
LCS 240-66394/11-A		66
240-17768-7 MS	70SB-0017M-0001-SO MS	69
240-17768-7 MSD	70SB-0017M-0001-SO MSD	71

Surrogate	Acceptance Limits
C9 = n-Nonane	10-110

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Surrogate Recovery Report

8015B Diesel Range Organics (DRO) (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	C91 %Rec
MRL 240-66605/4		106
MRL 240-66605/34		105
MRL 240-67061/4		83
MRL 240-67061/11		85
MRL 240-67287/27		103
MRL 240-67287/31		105

Surrogate	Acceptance Limits
C9 = n-Nonane	70-130

Client: Environmental Chemical Corp. Job Number: 240-17768-1

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
240-17768-9	076SB-0037M-0001-SO	74	70	80	75
240-17768-10	076SB-0038M-0001-SO	78	74	83	75
240-17768-11	076SB-0039M-0001-SO	72	69	76	73
240-17768-12	076SB-0040M-0001-SO	77	73	78	71
240-17768-13	076SB-0041M-0001-SO	67	65	72	67
240-17768-14	076SB-0042M-0001-SO	78	74	83	79
240-17768-15	076SB-0043M-0001-SO	71	67	77	72
MB 240-66777/20-A		88	83	93	90
LCS 240-66777/21-A		75	75	79	75

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	60-125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

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 240-67173/10		115	114	108	115
MRL 240-67173/32		107	115	112	114

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	50-150
DCB = DCB Decachlorobiphenyl	50-150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Blank - Batch: 240-65921

Method: 8260B/DoD
Preparation: 5035

Lab Sample ID:	MB 240-65921/1-A	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-65921	Lab File ID:	149412.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	11/25/2012 1147	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/21/2012 1103				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
1,1,1-Trichloroethane	21	U	21	250
1,1,2,2-Tetrachloroethane	25	U	8.9	250
1,1,2-Trichloroethane	25	U	12	250
1,1-Dichloroethane	25	U	17	250
1,1-Dichloroethene	25	U	18	250
1,2-Dichloroethane	25	U	10	250
1,2-Dichloroethene, Total	8.2	U	8.2	500
1,2-Dichloropropane	10	U	8.2	250
2-Butanone (MEK)	100	U	43	1000
2-Hexanone	50	U	20	1000
4-Methyl-2-pentanone (MIBK)	100	U	48	1000
Acetone	200	U	170	1000
Benzene	25	U	12	250
Bromoform	25	U	19	250
Bromomethane	50	U	29	250
Carbon disulfide	25	U	12	250
Carbon tetrachloride	10	U	6.4	250
Chlorobenzene	10	U	6.4	250
Bromodichloromethane	25	U	9.9	250
Chloromethane	25	U	14	250
cis-1,3-Dichloropropene	10	U	7.9	250
Dibromochloromethane	25	U	12	250
Ethylbenzene	10	U	5.4	250
Methyl tert-butyl ether	10	U	7.1	250
Methylene Chloride	100	U	77	250
Styrene	10	U	5.6	250
Tetrachloroethene	19.0	J	12	250
Toluene	25	U	17	250
Chloroform	25	U	8.8	250
Bromochloromethane	25	U	13	250
trans-1,3-Dichloropropene	25	U	20	250
1,2-Dibromoethane	25	U	10	250
Trichloroethene	10.9	J	9.7	250
Vinyl chloride	25	U	18	250
Xylenes, Total	12.2	J	8.1	500
Chloroethane	100	U	61	250

Surrogate	% Rec		Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		61 - 130
Toluene-d8 (Surr)	86		85 - 115
4-Bromofluorobenzene (Surr)	82	Q	85 - 120
Dibromofluoromethane (Surr)	77		59 - 138

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Control Sample - Batch: 240-65921

Method: 8260B/DoD
Preparation: 5035

Lab Sample ID:	LCS 240-65921/2-A	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-65921	Lab File ID:	149411.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	11/25/2012 1126	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/21/2012 1103				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	500	430	86	70 - 135	
1,1,2,2-Tetrachloroethane	500	475	95	55 - 130	
1,1,2-Trichloroethane	500	510	102	60 - 125	
1,1-Dichloroethane	500	490	98	75 - 125	
1,1-Dichloroethene	500	448	90	65 - 135	
1,2-Dichloroethane	500	492	98	70 - 135	
1,2-Dichloropropane	500	494	99	70 - 120	
2-Butanone (MEK)	1000	972	97	30 - 160	J
2-Hexanone	1000	922	92	45 - 145	J
4-Methyl-2-pentanone (MIBK)	1000	956	96	45 - 145	J
Acetone	1000	953	95	20 - 160	J
Benzene	500	484	97	75 - 125	
Bromoform	500	471	94	55 - 135	
Bromomethane	500	299	60	30 - 160	
Carbon disulfide	500	372	74	45 - 160	
Carbon tetrachloride	500	474	95	65 - 135	
Chlorobenzene	500	494	99	75 - 125	
Bromodichloromethane	500	470	94	70 - 130	
Chloromethane	500	317	63	50 - 130	
cis-1,3-Dichloropropene	500	464	93	70 - 125	
Dibromochloromethane	500	455	91	65 - 130	
Ethylbenzene	500	517	103	75 - 125	
Methyl tert-butyl ether	500	455	91	70 - 130	
Methylene Chloride	500	439	88	55 - 140	
Styrene	500	494	99	75 - 125	
Tetrachloroethene	500	515	103	65 - 140	
Toluene	500	522	104	70 - 125	
Chloroform	500	480	96	70 - 125	
Bromochloromethane	500	458	92	70 - 125	
trans-1,3-Dichloropropene	500	472	94	65 - 125	
Trichloroethene	500	532	106	75 - 125	
Vinyl chloride	500	326	65	60 - 125	
Xylenes, Total	1500	1520	102	75 - 125	
Chloroethane	500	381	76	40 - 155	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	61 - 130
Toluene-d8 (Surr)	87	85 - 115
4-Bromofluorobenzene (Surr)	86	85 - 120
Dibromofluoromethane (Surr)	84	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Blank - Batch: 240-65929

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	MB 240-65929/6	Analysis Batch:	240-65929	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1132.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/21/2012 1158	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/21/2012 1158				
Leach Date:	N/A				

Analyte	Result	Qual	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
Bromodichloromethane	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
Ethylbenzene	0.25	U	0.17	1.0
Methyl tert-butyl ether	0.25	U	0.17	1.0
Methylene Chloride	1.66		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
Chloroform	0.25	U	0.16	1.0
Bromochloromethane	0.50	U	0.29	1.0
trans-1,3-Dichloropropene	0.25	U	0.19	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)	108	70 - 120
Toluene-d8 (Surr)	102	85 - 120
4-Bromofluorobenzene (Surr)	81	75 - 120
Dibromofluoromethane (Surr)	101	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Control Sample - Batch: 240-65929

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	LCS 240-65929/4	Analysis Batch:	240-65929	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1130.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/21/2012 1114	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/21/2012 1114				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	10.0	9.78	98	65 - 130	
1,1,2,2-Tetrachloroethane	10.0	9.31	93	65 - 130	
1,1,2-Trichloroethane	10.0	9.60	96	75 - 125	
1,1-Dichloroethane	10.0	10.3	103	70 - 135	
1,1-Dichloroethene	10.0	10.4	104	70 - 130	
1,2-Dichloroethane	10.0	10.1	101	70 - 130	
1,2-Dichloropropane	10.0	9.37	94	75 - 125	
2-Butanone (MEK)	20.0	18.6	93	30 - 150	
2-Hexanone	20.0	18.6	93	55 - 130	
4-Methyl-2-pentanone (MIBK)	20.0	18.4	92	60 - 135	
Acetone	20.0	21.0	105	40 - 140	
Benzene	10.0	9.60	96	80 - 120	
Bromoform	10.0	8.33	83	70 - 130	
Bromomethane	10.0	6.91	69	30 - 145	
Carbon disulfide	10.0	10.5	105	35 - 160	
Carbon tetrachloride	10.0	9.85	98	65 - 140	
Chlorobenzene	10.0	9.16	92	80 - 120	
Bromodichloromethane	10.0	9.51	95	75 - 120	
Chloromethane	10.0	9.01	90	40 - 125	
cis-1,3-Dichloropropene	10.0	8.52	85	70 - 130	
Dibromochloromethane	10.0	8.97	90	60 - 135	
Ethylbenzene	10.0	9.67	97	75 - 125	
Methyl tert-butyl ether	10.0	9.10	91	65 - 125	
Methylene Chloride	10.0	10.5	105	55 - 140	
Styrene	10.0	9.45	94	65 - 135	
Tetrachloroethene	10.0	9.55	95	45 - 150	
Toluene	10.0	9.91	99	75 - 120	
Chloroform	10.0	9.35	94	65 - 135	
Bromochloromethane	10.0	9.26	93	65 - 130	
trans-1,3-Dichloropropene	10.0	9.06	91	55 - 140	
Trichloroethene	10.0	8.89	89	70 - 125	
Vinyl chloride	10.0	9.88	99	50 - 145	
Xylenes, Total	30.0	28.9	96	75 - 130	
Chloroethane	10.0	7.19	72	60 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 120
Toluene-d8 (Surr)	102	85 - 120
4-Bromofluorobenzene (Surr)	94	75 - 120
Dibromofluoromethane (Surr)	96	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-65929 **Method: 8260B/DoD**
Preparation: 5030B

Lab Sample ID:	MRL 240-65929/7	Analysis Batch:	240-65929	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1133.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/21/2012 1230	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	11/21/2012 1230				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	0.00100	0.00105	105	70 - 130	
1,1,2,2-Tetrachloroethane	0.00100	0.00110	110	70 - 130	
1,1,2-Trichloroethane	0.00100	0.00106	106	70 - 130	
1,1-Dichloroethane	0.00100	0.00112	112	70 - 130	
1,1-Dichloroethene	0.00100	0.00122	122	70 - 130	
1,2-Dichloroethane	0.00100	0.00105	105	70 - 130	
1,2-Dichloropropane	0.00100	0.000995	100	70 - 130	J
2-Butanone (MEK)	0.0100	0.00706	71	70 - 130	J
2-Hexanone	0.0100	0.00813	81	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.00737	74	70 - 130	J
Acetone	0.0100	0.00622	62	70 - 130	J ^
Benzene	0.00100	0.00102	102	70 - 130	
Bromoform	0.00100	0.000851	85	70 - 130	J
Bromomethane	0.00100	0.00107	107	70 - 130	
Carbon disulfide	0.00100	0.00117	117	70 - 130	
Carbon tetrachloride	0.00100	0.00110	110	70 - 130	
Chlorobenzene	0.00100	0.000940	94	70 - 130	J
Bromodichloromethane	0.00100	0.000961	96	70 - 130	J
Chloromethane	0.00100	0.00111	111	70 - 130	
cis-1,3-Dichloropropene	0.00100	0.000807	81	70 - 130	J
Dibromochloromethane	0.00100	0.000911	91	70 - 130	J
Ethylbenzene	0.00100	0.000891	89	70 - 130	J
Methyl tert-butyl ether	0.00100	0.000912	91	70 - 130	J
Methylene Chloride	0.00100	0.00341	341	70 - 130	^
Styrene	0.00100	0.000694	69	70 - 130	J ^
Tetrachloroethene	0.00100	0.00122	122	70 - 130	
Toluene	0.00100	0.00107	107	70 - 130	
Chloroform	0.00100	0.00107	107	70 - 130	
Bromochloromethane	0.00100	0.000996	100	70 - 130	J
trans-1,3-Dichloropropene	0.00100	0.000811	81	70 - 130	J
Trichloroethene	0.00100	0.00103	103	70 - 130	
Vinyl chloride	0.00100	0.00118	118	70 - 130	
Xylenes, Total	0.00300	0.00257	86	70 - 130	
Chloroethane	0.00100	0.00102	102	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	50 - 150
Toluene-d8 (Surr)	105	50 - 150
4-Bromofluorobenzene (Surr)	83	50 - 150
Dibromofluoromethane (Surr)	98	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-65929

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	MRL 240-65929/20	Analysis Batch:	240-65929	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX1146.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/21/2012 1729	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	11/21/2012 1729				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	0.00100	0.00108	108	70 - 130	
1,1,2,2-Tetrachloroethane	0.00100	0.00113	113	70 - 130	
1,1,2-Trichloroethane	0.00100	0.000935	93	70 - 130	J
1,1-Dichloroethane	0.00100	0.00105	105	70 - 130	
1,1-Dichloroethene	0.00100	0.00102	102	70 - 130	
1,2-Dichloroethane	0.00100	0.00108	108	70 - 130	
1,2-Dichloropropane	0.00100	0.000939	94	70 - 130	J
2-Butanone (MEK)	0.0100	0.00946	95	70 - 130	J
2-Hexanone	0.0100	0.00929	93	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.00890	89	70 - 130	J
Acetone	0.0100	0.00626	63	70 - 130	J ^
Benzene	0.00100	0.00103	103	70 - 130	
Bromoform	0.00100	0.000777	78	70 - 130	J
Bromomethane	0.00100	0.00116	116	70 - 130	
Carbon disulfide	0.00100	0.00107	107	70 - 130	
Carbon tetrachloride	0.00100	0.00102	102	70 - 130	
Chlorobenzene	0.00100	0.000958	96	70 - 130	J
Bromodichloromethane	0.00100	0.000869	87	70 - 130	J
Chloromethane	0.00100	0.00107	107	70 - 130	
cis-1,3-Dichloropropene	0.00100	0.000769	77	70 - 130	J
Dibromochloromethane	0.00100	0.000849	85	70 - 130	J
Ethylbenzene	0.00100	0.000841	84	70 - 130	J
Methyl tert-butyl ether	0.00100	0.000910	91	70 - 130	J
Methylene Chloride	0.00100	0.00242	242	70 - 130	^
Styrene	0.00100	0.000707	71	70 - 130	J
Tetrachloroethene	0.00100	0.00101	101	70 - 130	
Toluene	0.00100	0.00104	104	70 - 130	
Chloroform	0.00100	0.00102	102	70 - 130	
Bromochloromethane	0.00100	0.000992	99	70 - 130	J
trans-1,3-Dichloropropene	0.00100	0.000871	87	70 - 130	J
Trichloroethene	0.00100	0.000933	93	70 - 130	J
Vinyl chloride	0.00100	0.00130	130	70 - 130	
Xylenes, Total	0.00300	0.00238	79	70 - 130	
Chloroethane	0.00100	0.00108	108	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	50 - 150
Toluene-d8 (Surr)	111	50 - 150
4-Bromofluorobenzene (Surr)	90	50 - 150
Dibromofluoromethane (Surr)	105	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Blank - Batch: 240-66063

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MB 240-66063/17	Analysis Batch:	240-66063	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149383.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/23/2012 1513	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
1,1,1-Trichloroethane	1.0	U	0.56	5.0
1,1,2,2-Tetrachloroethane	0.50	U	0.34	5.0
1,1,2-Trichloroethane	0.50	U	0.39	5.0
1,1-Dichloroethane	0.50	U	0.36	5.0
1,1-Dichloroethene	1.0	U	0.52	5.0
1,2-Dichloroethane	0.50	U	0.34	5.0
1,2-Dichloroethene, Total	1.0	U	0.77	10
1,2-Dichloropropane	1.0	U	0.69	5.0
2-Butanone (MEK)	1.76	J	1.4	20
2-Hexanone	0.834	J	0.63	20
4-Methyl-2-pentanone (MIBK)	1.0	U	0.54	20
Acetone	13.8	J	6.3	20
Benzene	0.50	U	0.23	5.0
Bromoform	0.50	U	0.33	5.0
Bromomethane	1.0	U	0.54	5.0
Carbon disulfide	0.50	U	0.44	5.0
Carbon tetrachloride	0.50	U	0.37	5.0
Chlorobenzene	0.50	U	0.33	5.0
Bromodichloromethane	0.50	U	0.28	5.0
Chloromethane	0.50	U	0.41	5.0
cis-1,3-Dichloropropene	0.50	U	0.34	5.0
Dibromochloromethane	1.0	U	0.55	5.0
Ethylbenzene	0.50	U	0.26	5.0
Methyl tert-butyl ether	0.50	U	0.43	5.0
Methylene Chloride	1.0	U	0.67	5.0
Styrene	0.150	J	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
trans-1,3-Dichloropropene	1.0	U	0.54	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)	93	61 - 130
Toluene-d8 (Surr)	90	85 - 115
4-Bromofluorobenzene (Surr)	87	85 - 120
Dibromofluoromethane (Surr)	85	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-66063

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-66063/14	Analysis Batch:	240-66063	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149380.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/23/2012 1408	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	0.00500	0.00454	91	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00497	99	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00513	103	70 - 130	
1,1-Dichloroethane	0.00500	0.00504	101	70 - 130	
1,1-Dichloroethene	0.00500	0.00520	104	70 - 130	
1,2-Dichloroethane	0.00500	0.00528	106	70 - 130	
1,2-Dichloropropane	0.00500	0.00526	105	70 - 130	
2-Butanone (MEK)	0.0100	0.0108	108	70 - 130	
2-Hexanone	0.0100	0.0100	100	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00938	94	70 - 130	J
Acetone	0.0100	0.0257	257	70 - 130	^
Benzene	0.00500	0.00533	107	70 - 130	
Bromoform	0.00500	0.00675	135	70 - 130	^
Bromomethane	0.00500	0.00570	114	70 - 130	
Carbon disulfide	0.00500	0.00599	120	70 - 130	
Carbon tetrachloride	0.00500	0.00592	118	70 - 130	
Chlorobenzene	0.00500	0.00519	104	70 - 130	
Bromodichloromethane	0.00500	0.00610	122	70 - 130	
Chloromethane	0.00500	0.00561	112	70 - 130	
cis-1,3-Dichloropropene	0.00500	0.00632	126	70 - 130	
Dibromochloromethane	0.00500	0.00634	127	70 - 130	
Ethylbenzene	0.00500	0.00524	105	70 - 130	
Methyl tert-butyl ether	0.00500	0.00488	98	70 - 130	
Methylene Chloride	0.00500	0.00413	83	70 - 130	
Styrene	0.00500	0.00506	101	70 - 130	
Tetrachloroethene	0.00500	0.00511	102	70 - 130	
Toluene	0.00500	0.00512	102	70 - 130	
Chloroform	0.00500	0.00504	101	70 - 130	
Bromochloromethane	0.00500	0.00521	104	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00618	124	70 - 130	
Trichloroethene	0.00500	0.00531	106	70 - 130	
Vinyl chloride	0.00500	0.00569	114	70 - 130	
Xylenes, Total	0.0150	0.0157	104	70 - 130	
Chloroethane	0.00500	0.00543	109	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	50 - 150
Toluene-d8 (Surr)	88	50 - 150
4-Bromofluorobenzene (Surr)	87	50 - 150
Dibromofluoromethane (Surr)	86	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Control Sample - Batch: 240-66063

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	LCS 240-66063/16	Analysis Batch:	240-66063	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149382.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/23/2012 1451	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	50.0	52.6	105	70 - 135	
1,1,2,2-Tetrachloroethane	50.0	52.0	104	55 - 130	
1,1,2-Trichloroethane	50.0	52.1	104	60 - 125	
1,1-Dichloroethane	50.0	53.0	106	75 - 125	
1,1-Dichloroethene	50.0	52.1	104	65 - 135	
1,2-Dichloroethane	50.0	50.9	102	70 - 135	
1,2-Dichloropropane	50.0	52.9	106	70 - 120	
2-Butanone (MEK)	100	105	105	30 - 160	
2-Hexanone	100	107	107	45 - 145	
4-Methyl-2-pentanone (MIBK)	100	107	107	45 - 145	
Acetone	100	141	141	20 - 160	
Benzene	50.0	50.8	102	75 - 125	
Bromoform	50.0	46.7	93	55 - 135	
Bromomethane	50.0	42.1	84	30 - 160	
Carbon disulfide	50.0	46.0	92	45 - 160	
Carbon tetrachloride	50.0	48.6	97	65 - 135	
Chlorobenzene	50.0	49.0	98	75 - 125	
Bromodichloromethane	50.0	47.6	95	70 - 130	
Chloromethane	50.0	46.2	92	50 - 130	
cis-1,3-Dichloropropene	50.0	44.9	90	70 - 125	
Dibromochloromethane	50.0	43.6	87	65 - 130	
Ethylbenzene	50.0	51.6	103	75 - 125	
Methyl tert-butyl ether	50.0	50.6	101	70 - 130	
Methylene Chloride	50.0	50.3	101	55 - 140	
Styrene	50.0	53.1	106	75 - 125	
Tetrachloroethene	50.0	51.3	103	65 - 140	
Toluene	50.0	50.0	100	70 - 125	
Chloroform	50.0	51.0	102	70 - 125	
Bromochloromethane	50.0	50.9	102	70 - 125	
trans-1,3-Dichloropropene	50.0	45.5	91	65 - 125	
Trichloroethene	50.0	53.7	107	75 - 125	
Vinyl chloride	50.0	46.1	92	60 - 125	
Xylenes, Total	150	154	102	75 - 125	
Chloroethane	50.0	46.0	92	40 - 155	

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

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-66063

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-66063/34	Analysis Batch:	240-66063	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149399.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/23/2012 2108	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	0.00500	0.00438	88	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00486	97	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00547	109	70 - 130	
1,1-Dichloroethane	0.00500	0.00487	97	70 - 130	
1,1-Dichloroethene	0.00500	0.00502	100	70 - 130	
1,2-Dichloroethane	0.00500	0.00515	103	70 - 130	
1,2-Dichloropropane	0.00500	0.00532	106	70 - 130	
2-Butanone (MEK)	0.0100	0.0127	127	70 - 130	
2-Hexanone	0.0100	0.0103	103	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00978	98	70 - 130	J
Acetone	0.0100	0.0285	285	70 - 130	^
Benzene	0.00500	0.00524	105	70 - 130	
Bromoform	0.00500	0.00617	123	70 - 130	
Bromomethane	0.00500	0.00584	117	70 - 130	
Carbon disulfide	0.00500	0.00554	111	70 - 130	
Carbon tetrachloride	0.00500	0.00585	117	70 - 130	
Chlorobenzene	0.00500	0.00506	101	70 - 130	
Bromodichloromethane	0.00500	0.00601	120	70 - 130	
Chloromethane	0.00500	0.00561	112	70 - 130	
cis-1,3-Dichloropropene	0.00500	0.00594	119	70 - 130	
Dibromochloromethane	0.00500	0.00620	124	70 - 130	
Ethylbenzene	0.00500	0.00525	105	70 - 130	
Methyl tert-butyl ether	0.00500	0.00477	95	70 - 130	
Methylene Chloride	0.00500	0.00697	139	70 - 130	^
Styrene	0.00500	0.00474	95	70 - 130	
Tetrachloroethene	0.00500	0.00517	103	70 - 130	
Toluene	0.00500	0.00516	103	70 - 130	
Chloroform	0.00500	0.00479	96	70 - 130	
Bromochloromethane	0.00500	0.00475	95	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00577	115	70 - 130	
Trichloroethene	0.00500	0.00532	106	70 - 130	
Vinyl chloride	0.00500	0.00564	113	70 - 130	
Xylenes, Total	0.0150	0.0151	100	70 - 130	
Chloroethane	0.00500	0.00541	108	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	50 - 150
Toluene-d8 (Surr)	91	50 - 150
4-Bromofluorobenzene (Surr)	92	50 - 150
Dibromofluoromethane (Surr)	85	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Blank - Batch: 240-66175

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MB 240-66175/8	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149407.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/25/2012 0959	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
1,1,1-Trichloroethane	0.42	U	0.42	5.0
1,1,2,2-Tetrachloroethane	0.50	U	0.18	5.0
1,1,2-Trichloroethane	0.50	U	0.24	5.0
1,1-Dichloroethane	0.50	U	0.34	5.0
1,1-Dichloroethene	0.50	U	0.36	5.0
1,2-Dichloroethane	0.50	U	0.20	5.0
1,2-Dichloroethene, Total	0.16	U	0.16	10
1,2-Dichloropropane	0.20	U	0.16	5.0
2-Butanone (MEK)	1.83	J	0.86	20
2-Hexanone	0.654	J	0.40	20
4-Methyl-2-pentanone (MIBK)	2.0	U	0.96	20
Acetone	19.2	J	3.4	20
Benzene	0.50	U	0.24	5.0
Bromoform	0.50	U	0.38	5.0
Bromomethane	1.0	U	0.58	5.0
Carbon disulfide	2.92	J	0.24	5.0
Carbon tetrachloride	0.20	U	0.13	5.0
Chlorobenzene	0.20	U	0.13	5.0
Bromodichloromethane	0.50	U	0.20	5.0
Chloromethane	0.50	U	0.28	5.0
cis-1,3-Dichloropropene	0.20	U	0.16	5.0
Dibromochloromethane	0.50	U	0.24	5.0
Ethylbenzene	0.20	U	0.11	5.0
Methyl tert-butyl ether	0.20	U	0.14	5.0
Methylene Chloride	2.0	U	1.5	5.0
Styrene	0.147	J	0.11	5.0
Tetrachloroethene	0.50	U	0.24	5.0
Toluene	0.50	U	0.34	5.0
Chloroform	0.50	U	0.18	5.0
Bromochloromethane	0.50	U	0.26	5.0
trans-1,3-Dichloropropene	0.50	U	0.40	5.0
1,2-Dibromoethane	0.50	U	0.20	5.0
Trichloroethene	0.50	U	0.19	5.0
Vinyl chloride	0.50	U	0.36	5.0
Xylenes, Total	0.60	U	0.16	10
Chloroethane	2.0	U	1.2	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	61 - 130
Toluene-d8 (Surr)	93	85 - 115
4-Bromofluorobenzene (Surr)	89	85 - 120
Dibromofluoromethane (Surr)	84	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-66175

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-66175/5	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149404.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/25/2012 0855	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	0.00500	0.00464	93	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00487	97	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00510	102	70 - 130	
1,1-Dichloroethane	0.00500	0.00511	102	70 - 130	
1,1-Dichloroethene	0.00500	0.00462	92	70 - 130	
1,2-Dichloroethane	0.00500	0.00536	107	70 - 130	
1,2-Dichloropropane	0.00500	0.00514	103	70 - 130	
2-Butanone (MEK)	0.0100	0.0102	102	70 - 130	
2-Hexanone	0.0100	0.00900	90	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.00970	97	70 - 130	J
Acetone	0.0100	0.0239	239	70 - 130	^
Benzene	0.00500	0.00514	103	70 - 130	
Bromoform	0.00500	0.00667	133	70 - 130	^
Bromomethane	0.00500	0.00594	119	70 - 130	
Carbon disulfide	0.00500	0.00576	115	70 - 130	
Carbon tetrachloride	0.00500	0.00606	121	70 - 130	
Chlorobenzene	0.00500	0.00516	103	70 - 130	
Bromodichloromethane	0.00500	0.00604	121	70 - 130	
Chloromethane	0.00500	0.00538	108	70 - 130	
cis-1,3-Dichloropropene	0.00500	0.00602	120	70 - 130	
Dibromochloromethane	0.00500	0.00637	127	70 - 130	
Ethylbenzene	0.00500	0.00528	106	70 - 130	
Methyl tert-butyl ether	0.00500	0.00513	103	70 - 130	
Methylene Chloride	0.00500	0.00357	71	70 - 130	
Styrene	0.00500	0.00473	95	70 - 130	
Tetrachloroethene	0.00500	0.00535	107	70 - 130	
Toluene	0.00500	0.00529	106	70 - 130	
Chloroform	0.00500	0.00515	103	70 - 130	
Bromochloromethane	0.00500	0.00479	96	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00606	121	70 - 130	
Trichloroethene	0.00500	0.00531	106	70 - 130	
Vinyl chloride	0.00500	0.00543	109	70 - 130	
Xylenes, Total	0.0150	0.0153	102	70 - 130	
Chloroethane	0.00500	0.00591	118	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	50 - 150
Toluene-d8 (Surr)	93	50 - 150
4-Bromofluorobenzene (Surr)	87	50 - 150
Dibromofluoromethane (Surr)	88	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Control Sample - Batch: 240-66175

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	LCS 240-66175/7	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149406.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/25/2012 0938	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	50.0	50.9	102	70 - 135	
1,1,2,2-Tetrachloroethane	50.0	52.1	104	55 - 130	
1,1,2-Trichloroethane	50.0	51.5	103	60 - 125	
1,1-Dichloroethane	50.0	53.2	106	75 - 125	
1,1-Dichloroethene	50.0	52.1	104	65 - 135	
1,2-Dichloroethane	50.0	50.9	102	70 - 135	
1,2-Dichloropropane	50.0	52.4	105	70 - 120	
2-Butanone (MEK)	100	106	106	30 - 160	
2-Hexanone	100	105	105	45 - 145	
4-Methyl-2-pentanone (MIBK)	100	105	105	45 - 145	
Acetone	100	149	149	20 - 160	
Benzene	50.0	51.4	103	75 - 125	
Bromoform	50.0	45.4	91	55 - 135	
Bromomethane	50.0	38.7	77	30 - 160	
Carbon disulfide	50.0	41.9	84	45 - 160	
Carbon tetrachloride	50.0	48.2	96	65 - 135	
Chlorobenzene	50.0	48.4	97	75 - 125	
Bromodichloromethane	50.0	47.7	95	70 - 130	
Chloromethane	50.0	41.9	84	50 - 130	
cis-1,3-Dichloropropene	50.0	45.0	90	70 - 125	
Dibromochloromethane	50.0	43.7	87	65 - 130	
Ethylbenzene	50.0	50.2	100	75 - 125	
Methyl tert-butyl ether	50.0	50.9	102	70 - 130	
Methylene Chloride	50.0	48.6	97	55 - 140	
Styrene	50.0	51.8	104	75 - 125	
Tetrachloroethene	50.0	49.5	99	65 - 140	
Toluene	50.0	50.0	100	70 - 125	
Chloroform	50.0	50.7	101	70 - 125	
Bromochloromethane	50.0	50.2	100	70 - 125	
trans-1,3-Dichloropropene	50.0	45.4	91	65 - 125	
Trichloroethene	50.0	53.5	107	75 - 125	
Vinyl chloride	50.0	42.7	85	60 - 125	
Xylenes, Total	150	150	100	75 - 125	
Chloroethane	50.0	44.1	88	40 - 155	

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

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-66175 **Method: 8260B/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66175/33	Analysis Batch:	240-66175	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149432.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/25/2012 1858	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	0.00500	0.00416	83	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00479	96	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00527	105	70 - 130	
1,1-Dichloroethane	0.00500	0.00487	97	70 - 130	
1,1-Dichloroethene	0.00500	0.00460	92	70 - 130	
1,2-Dichloroethane	0.00500	0.00527	105	70 - 130	
1,2-Dichloropropane	0.00500	0.00525	105	70 - 130	
2-Butanone (MEK)	0.0100	0.0110	110	70 - 130	
2-Hexanone	0.0100	0.00929	93	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.00958	96	70 - 130	J
Acetone	0.0100	0.0335	335	70 - 130	^
Benzene	0.00500	0.00517	103	70 - 130	
Bromoform	0.00500	0.00639	128	70 - 130	
Bromomethane	0.00500	0.00525	105	70 - 130	
Carbon disulfide	0.00500	0.00495	99	70 - 130	
Carbon tetrachloride	0.00500	0.00561	112	70 - 130	
Chlorobenzene	0.00500	0.00514	103	70 - 130	
Bromodichloromethane	0.00500	0.00578	116	70 - 130	
Chloromethane	0.00500	0.00493	99	70 - 130	
cis-1,3-Dichloropropene	0.00500	0.00583	117	70 - 130	
Dibromochloromethane	0.00500	0.00608	122	70 - 130	
Ethylbenzene	0.00500	0.00502	100	70 - 130	
Methyl tert-butyl ether	0.00500	0.00505	101	70 - 130	
Methylene Chloride	0.00500	0.00317	63	70 - 130	^
Styrene	0.00500	0.00443	89	70 - 130	
Tetrachloroethene	0.00500	0.00492	98	70 - 130	
Toluene	0.00500	0.00525	105	70 - 130	
Chloroform	0.00500	0.00475	95	70 - 130	
Bromochloromethane	0.00500	0.00466	93	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00586	117	70 - 130	
Trichloroethene	0.00500	0.00522	104	70 - 130	
Vinyl chloride	0.00500	0.00467	93	70 - 130	
Xylenes, Total	0.0150	0.0148	99	70 - 130	
Chloroethane	0.00500	0.00442	88	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	50 - 150
Toluene-d8 (Surr)	92	50 - 150
4-Bromofluorobenzene (Surr)	86	50 - 150
Dibromofluoromethane (Surr)	84	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Blank - Batch: 240-66239

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MB 240-66239/8	Analysis Batch:	240-66239	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149441.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/26/2012 1415	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
1,1,1-Trichloroethane	1.0	U	0.56	5.0
1,1,2,2-Tetrachloroethane	0.50	U	0.34	5.0
1,1,2-Trichloroethane	0.50	U	0.39	5.0
1,1-Dichloroethane	0.50	U	0.36	5.0
1,1-Dichloroethene	1.0	U	0.52	5.0
1,2-Dichloroethane	0.50	U	0.34	5.0
1,2-Dichloroethene, Total	1.0	U	0.77	10
1,2-Dichloropropane	1.0	U	0.69	5.0
2-Butanone (MEK)	2.0	U	1.4	20
2-Hexanone	0.785	J	0.63	20
4-Methyl-2-pentanone (MIBK)	1.0	U	0.54	20
Acetone	11.2	J	6.3	20
Benzene	0.50	U	0.23	5.0
Bromoform	0.50	U	0.33	5.0
Bromomethane	1.0	U	0.54	5.0
Carbon disulfide	0.50	U	0.44	5.0
Carbon tetrachloride	0.50	U	0.37	5.0
Chlorobenzene	0.50	U	0.33	5.0
Bromodichloromethane	0.50	U	0.28	5.0
Chloromethane	0.50	U	0.41	5.0
cis-1,3-Dichloropropene	0.50	U	0.34	5.0
Dibromochloromethane	1.0	U	0.55	5.0
Ethylbenzene	0.50	U	0.26	5.0
Methyl tert-butyl ether	0.50	U	0.43	5.0
Methylene Chloride	1.0	U	0.67	5.0
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
trans-1,3-Dichloropropene	1.0	U	0.54	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)	91	61 - 130
Toluene-d8 (Surr)	89	85 - 115
4-Bromofluorobenzene (Surr)	85	85 - 120
Dibromofluoromethane (Surr)	82	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-66239 **Method: 8260B/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66239/5	Analysis Batch:	240-66239	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149438.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/26/2012 1311	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	0.00500	0.00444	89	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00490	98	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00488	98	70 - 130	
1,1-Dichloroethane	0.00500	0.00480	96	70 - 130	
1,1-Dichloroethene	0.00500	0.00478	96	70 - 130	
1,2-Dichloroethane	0.00500	0.00498	100	70 - 130	
1,2-Dichloropropane	0.00500	0.00503	101	70 - 130	
2-Butanone (MEK)	0.0100	0.0113	113	70 - 130	
2-Hexanone	0.0100	0.0108	108	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00995	100	70 - 130	J
Acetone	0.0100	0.0220	220	70 - 130	^
Benzene	0.00500	0.00493	99	70 - 130	
Bromoform	0.00500	0.00660	132	70 - 130	^
Bromomethane	0.00500	0.00506	101	70 - 130	
Carbon disulfide	0.00500	0.00569	114	70 - 130	
Carbon tetrachloride	0.00500	0.00576	115	70 - 130	
Chlorobenzene	0.00500	0.00496	99	70 - 130	
Bromodichloromethane	0.00500	0.00597	119	70 - 130	
Chloromethane	0.00500	0.00484	97	70 - 130	
cis-1,3-Dichloropropene	0.00500	0.00604	121	70 - 130	
Dibromochloromethane	0.00500	0.00624	125	70 - 130	
Ethylbenzene	0.00500	0.00498	100	70 - 130	
Methyl tert-butyl ether	0.00500	0.00493	99	70 - 130	
Methylene Chloride	0.00500	0.00481	96	70 - 130	
Styrene	0.00500	0.00470	94	70 - 130	
Tetrachloroethene	0.00500	0.00530	106	70 - 130	
Toluene	0.00500	0.00505	101	70 - 130	
Chloroform	0.00500	0.00481	96	70 - 130	
Bromochloromethane	0.00500	0.00476	95	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00608	122	70 - 130	
Trichloroethene	0.00500	0.00516	103	70 - 130	
Vinyl chloride	0.00500	0.00498	100	70 - 130	
Xylenes, Total	0.0150	0.0152	101	70 - 130	
Chloroethane	0.00500	0.00467	93	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	50 - 150
Toluene-d8 (Surr)	91	50 - 150
4-Bromofluorobenzene (Surr)	89	50 - 150
Dibromofluoromethane (Surr)	86	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Control Sample - Batch: 240-66239

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	LCS 240-66239/7	Analysis Batch:	240-66239	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149440.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/26/2012 1354	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	50.0	51.0	102	70 - 135	
1,1,2,2-Tetrachloroethane	50.0	52.3	105	55 - 130	
1,1,2-Trichloroethane	50.0	52.0	104	60 - 125	
1,1-Dichloroethane	50.0	53.7	107	75 - 125	
1,1-Dichloroethene	50.0	52.4	105	65 - 135	
1,2-Dichloroethane	50.0	50.8	102	70 - 135	
1,2-Dichloropropane	50.0	53.0	106	70 - 120	
2-Butanone (MEK)	100	101	101	30 - 160	
2-Hexanone	100	105	105	45 - 145	
4-Methyl-2-pentanone (MIBK)	100	107	107	45 - 145	
Acetone	100	125	125	20 - 160	
Benzene	50.0	51.1	102	75 - 125	
Bromoform	50.0	45.8	92	55 - 135	
Bromomethane	50.0	37.3	75	30 - 160	
Carbon disulfide	50.0	42.1	84	45 - 160	
Carbon tetrachloride	50.0	47.9	96	65 - 135	
Chlorobenzene	50.0	48.8	98	75 - 125	
Bromodichloromethane	50.0	47.6	95	70 - 130	
Chloromethane	50.0	43.8	88	50 - 130	
cis-1,3-Dichloropropene	50.0	45.2	90	70 - 125	
Dibromochloromethane	50.0	44.3	89	65 - 130	
Ethylbenzene	50.0	51.4	103	75 - 125	
Methyl tert-butyl ether	50.0	51.3	103	70 - 130	
Methylene Chloride	50.0	51.0	102	55 - 140	
Styrene	50.0	52.8	106	75 - 125	
Tetrachloroethene	50.0	51.0	102	65 - 140	
Toluene	50.0	50.5	101	70 - 125	
Chloroform	50.0	50.4	101	70 - 125	
Bromochloromethane	50.0	50.7	101	70 - 125	
trans-1,3-Dichloropropene	50.0	46.0	92	65 - 125	
Trichloroethene	50.0	53.1	106	75 - 125	
Vinyl chloride	50.0	43.6	87	60 - 125	
Xylenes, Total	150	152	101	75 - 125	
Chloroethane	50.0	45.8	92	40 - 155	

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

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-66239

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-66239/31	Analysis Batch:	240-66239	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149464.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/26/2012 2231	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	0.00500	0.00449	90	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00514	103	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00543	109	70 - 130	
1,1-Dichloroethane	0.00500	0.00504	101	70 - 130	
1,1-Dichloroethene	0.00500	0.00487	97	70 - 130	
1,2-Dichloroethane	0.00500	0.00525	105	70 - 130	
1,2-Dichloropropane	0.00500	0.00517	103	70 - 130	
2-Butanone (MEK)	0.0100	0.0113	113	70 - 130	
2-Hexanone	0.0100	0.00898	90	70 - 130	J
4-Methyl-2-pentanone (MIBK)	0.0100	0.00946	95	70 - 130	J
Acetone	0.0100	0.0323	323	70 - 130	^
Benzene	0.00500	0.00538	108	70 - 130	
Bromoform	0.00500	0.00644	129	70 - 130	
Bromomethane	0.00500	0.00523	105	70 - 130	
Carbon disulfide	0.00500	0.00541	108	70 - 130	
Carbon tetrachloride	0.00500	0.00553	111	70 - 130	
Chlorobenzene	0.00500	0.00524	105	70 - 130	
Bromodichloromethane	0.00500	0.00596	119	70 - 130	
Chloromethane	0.00500	0.00462	92	70 - 130	
cis-1,3-Dichloropropene	0.00500	0.00591	118	70 - 130	
Dibromochloromethane	0.00500	0.00634	127	70 - 130	
Ethylbenzene	0.00500	0.00538	108	70 - 130	
Methyl tert-butyl ether	0.00500	0.00499	100	70 - 130	
Methylene Chloride	0.00500	0.00800	160	70 - 130	^
Styrene	0.00500	0.00477	95	70 - 130	
Tetrachloroethene	0.00500	0.00534	107	70 - 130	
Toluene	0.00500	0.00551	110	70 - 130	
Chloroform	0.00500	0.00490	98	70 - 130	
Bromochloromethane	0.00500	0.00502	100	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00587	117	70 - 130	
Trichloroethene	0.00500	0.00532	106	70 - 130	
Vinyl chloride	0.00500	0.00468	94	70 - 130	
Xylenes, Total	0.0150	0.0157	105	70 - 130	
Chloroethane	0.00500	0.00487	97	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	50 - 150
Toluene-d8 (Surr)	94	50 - 150
4-Bromofluorobenzene (Surr)	88	50 - 150
Dibromofluoromethane (Surr)	85	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Blank - Batch: 240-66227

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-66227/23-A	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66227	Lab File ID:	21205004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/05/2012 1019	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Acenaphthene	3.3	U	3.3	6.7
Acenaphthylene	3.3	U	3.3	6.7
Anthracene	3.3	U	3.3	6.7
Benzo[a]anthracene	3.3	U	3.3	6.7
Benzo[a]pyrene	3.3	U	3.3	6.7
Benzo[b]fluoranthene	3.3	U	3.3	6.7
Benzo[g,h,i]perylene	3.3	U	3.3	6.7
Benzoic acid	330	U	330	660
Benzo[k]fluoranthene	3.3	U	3.3	6.7
Benzyl alcohol	27	U	21	330
Bis(2-chloroethoxy)methane	27	U	22	100
Bis(2-chloroethyl)ether	3.3	U	2.0	100
bis (2-chloroisopropyl) ether	27	U	9.5	100
Bis(2-ethylhexyl) phthalate	21.0	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: 240-17768-1

Method Blank - Batch: 240-66227

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-66227/23-A	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66227	Lab File ID:	21205004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/05/2012 1019	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Indeno[1,2,3-cd]pyrene	3.3	U	3.3	6.7
Isophorone	27	U	13	50
2-Methylnaphthalene	3.3	U	3.3	6.7
2-Methylphenol	80	U	80	200
3 & 4 Methylphenol	80	U	20	400
Naphthalene	3.3	U	3.3	6.7
2-Nitroaniline	27	U	9.1	200
3-Nitroaniline	80	U	16	200
4-Nitroaniline	27	U	26	200
Nitrobenzene	3.3	U	2.2	100
2-Nitrophenol	27	U	27	50
4-Nitrophenol	80	U	80	330
N-Nitrosodi-n-propylamine	27	U	27	50
N-Nitrosodiphenylamine	27	U	21	50
Pentachlorophenol	80	U	80	150
Phenanthrene	3.3	U	3.3	6.7
Phenol	27	U	27	50
Pyrene	3.3	U	3.3	6.7
1,2,4-Trichlorobenzene	27	U	27	50
2,4,5-Trichlorophenol	27	U	25	150
2,4,6-Trichlorophenol	80	U	80	150

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	61	45 - 105
2-Fluorophenol (Surr)	63	35 - 105
Nitrobenzene-d5 (Surr)	67	35 - 100
Phenol-d5 (Surr)	67	40 - 100
Terphenyl-d14 (Surr)	78	30 - 125
2,4,6-Tribromophenol (Surr)	59	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Control Sample - Batch: 240-66227

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-66227/24-A	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66227	Lab File ID:	21205005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/05/2012 1043	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	515	77	45 - 110	
Acenaphthylene	667	518	78	45 - 105	
Anthracene	667	547	82	55 - 105	
Benzo[a]anthracene	667	555	83	50 - 110	
Benzo[a]pyrene	667	494	74	50 - 110	
Benzo[b]fluoranthene	667	552	83	45 - 115	
Benzo[g,h,i]perylene	667	636	95	40 - 125	
Benzoic acid	667	376	56	0 - 110	J
Benzo[k]fluoranthene	667	617	93	45 - 125	
Benzyl alcohol	667	525	79	20 - 125	
Bis(2-chloroethoxy)methane	667	494	74	45 - 110	
Bis(2-chloroethyl)ether	667	497	75	40 - 105	
bis (2-chloroisopropyl) ether	667	487	73	20 - 115	
Bis(2-ethylhexyl) phthalate	667	531	80	45 - 125	
4-Bromophenyl phenyl ether	667	589	88	45 - 115	
Butyl benzyl phthalate	667	547	82	50 - 125	
Carbazole	667	551	83	45 - 115	
4-Chloroaniline	667	376	56	10 - 110	
4-Chloro-3-methylphenol	667	560	84	45 - 115	
2-Chloronaphthalene	667	514	77	45 - 105	
2-Chlorophenol	667	499	75	45 - 105	
4-Chlorophenyl phenyl ether	667	528	79	45 - 110	
Chrysene	667	590	88	55 - 110	
Dibenz(a,h)anthracene	667	548	82	40 - 125	
Dibenzofuran	667	508	76	50 - 105	
1,2-Dichlorobenzene	667	483	72	45 - 110	
1,3-Dichlorobenzene	667	482	72	40 - 100	
1,4-Dichlorobenzene	667	477	72	35 - 105	
3,3'-Dichlorobenzidine	667	350	53	10 - 130	
2,4-Dichlorophenol	667	541	81	45 - 110	
Diethyl phthalate	667	537	81	50 - 115	
2,4-Dimethylphenol	667	304	46	30 - 105	
Dimethyl phthalate	667	541	81	50 - 110	
Di-n-butyl phthalate	667	586	88	55 - 110	
4,6-Dinitro-2-methylphenol	667	510	76	30 - 135	
2,4-Dinitrophenol	667	476	71	15 - 130	
2,4-Dinitrotoluene	667	548	82	50 - 115	
2,6-Dinitrotoluene	667	546	82	50 - 110	
Di-n-octyl phthalate	667	547	82	40 - 130	
Fluoranthene	667	575	86	55 - 115	
Fluorene	667	525	79	50 - 110	
Hexachlorobenzene	667	545	82	45 - 120	
Hexachlorobutadiene	667	491	74	40 - 115	
Hexachloroethane	667	475	71	35 - 110	
Indeno[1,2,3-cd]pyrene	667	575	86	40 - 120	
Isophorone	667	538	81	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Control Sample - Batch: 240-66227

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-66227/24-A	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66227	Lab File ID:	21205005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/05/2012 1043	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	514	77	45 - 105	
2-Methylphenol	667	479	72	40 - 105	
3 & 4 Methylphenol	1330	1010	76	40 - 105	
Naphthalene	667	507	76	40 - 105	
2-Nitroaniline	667	563	85	45 - 120	
3-Nitroaniline	667	500	75	25 - 110	
4-Nitroaniline	667	509	76	35 - 115	
Nitrobenzene	667	511	77	40 - 115	
2-Nitrophenol	667	553	83	40 - 110	
4-Nitrophenol	667	539	81	15 - 140	
N-Nitrosodi-n-propylamine	667	523	79	40 - 115	
N-Nitrosodiphenylamine	667	556	83	50 - 115	
Pentachlorophenol	667	434	65	25 - 120	
Phenanthrene	667	539	81	50 - 110	
Phenol	667	538	81	40 - 100	
Pyrene	667	543	81	45 - 125	
1,2,4-Trichlorobenzene	667	484	73	45 - 110	
2,4,5-Trichlorophenol	667	537	81	50 - 110	
2,4,6-Trichlorophenol	667	529	79	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	72	45 - 105
2-Fluorophenol (Surr)	77	35 - 105
Nitrobenzene-d5 (Surr)	75	35 - 100
Phenol-d5 (Surr)	79	40 - 100
Terphenyl-d14 (Surr)	87	30 - 125
2,4,6-Tribromophenol (Surr)	78	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-66227

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17768-6	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66227	Lab File ID:	21205007.D
Dilution:	10	Leach Batch:	240-65974	Initial Weight/Volume:	29.86 g
Analysis Date:	12/05/2012 1129			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

MSD Lab Sample ID:	240-17768-6	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66227	Lab File ID:	21205008.D
Dilution:	10	Leach Batch:	240-65974	Initial Weight/Volume:	30.25 g
Analysis Date:	12/05/2012 1152			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	65	67	45 - 110	2	30	D	D
Acenaphthylene	64	65	45 - 105	1	30	D	D
Anthracene	60	63	55 - 105	4	30	D	D
Benzo[a]anthracene	61	65	50 - 110	5	30	D	D
Benzo[a]pyrene	64	71	50 - 110	10	30	D	D
Benzo[b]fluoranthene	59	66	45 - 115	10	30	D	D
Benzo[g,h,i]perylene	75	74	40 - 125	3	30	D	D
Benzoic acid	NC	NC	0 - 110	NC	30	U	U
Benzo[k]fluoranthene	57	72	45 - 125	23	30	D	D
Benzyl alcohol	58	66	20 - 125	11	30	J D	J D
Bis(2-chloroethoxy)methane	64	59	45 - 110	10	30	J D	J D
Bis(2-chloroethyl)ether	63	65	40 - 105	2	30	J D	J D
bis (2-chloroisopropyl) ether	59	61	20 - 115	2	30	J D	J D
Bis(2-ethylhexyl) phthalate	75	77	45 - 125	1	30	D	D
4-Bromophenyl phenyl ether	66	68	45 - 115	2	30	J D	J D
Butyl benzyl phthalate	73	71	50 - 125	4	30	J D	J D
Carbazole	59	68	45 - 115	12	30	J D	J D
4-Chloroaniline	0	0	10 - 95	NC	30	U J	U J
4-Chloro-3-methylphenol	64	62	45 - 115	6	30	J D	J D
2-Chloronaphthalene	67	62	45 - 105	9	30	J D	J D
2-Chlorophenol	64	65	45 - 105	0	30	J D	J D
4-Chlorophenyl phenyl ether	67	70	45 - 110	2	30	J D	J D
Chrysene	71	71	55 - 110	2	30	D	D
Dibenz(a,h)anthracene	0	76	40 - 125	200	30	U J	D J
Dibenzofuran	66	66	50 - 105	2	30	J D	J D
1,2-Dichlorobenzene	68	61	45 - 95	12	30	J D	J D
1,3-Dichlorobenzene	57	52	40 - 100	11	30	J D	J D
1,4-Dichlorobenzene	63	58	35 - 105	9	30	J D	J D
3,3'-Dichlorobenzidine	0	43	10 - 130	200	30	U J	D J
2,4-Dichlorophenol	60	71	45 - 110	15	30	J D	J D
Diethyl phthalate	65	64	50 - 115	3	30	J D	J D
2,4-Dimethylphenol	30	33	30 - 105	7	30	J D	J D
Dimethyl phthalate	66	70	50 - 110	4	30	J D	J D

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-66227

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17768-6	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66227	Lab File ID:	21205007.D
Dilution:	10	Leach Batch:	240-65974	Initial Weight/Volume:	29.86 g
Analysis Date:	12/05/2012 1129			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

MSD Lab Sample ID:	240-17768-6	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66227	Lab File ID:	21205008.D
Dilution:	10	Leach Batch:	240-65974	Initial Weight/Volume:	30.25 g
Analysis Date:	12/05/2012 1152			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0935			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Di-n-butyl phthalate	61	66	55 - 110	6	30	J D	J D
4,6-Dinitro-2-methylphenol	NC	NC	30 - 135	NC	30	U	U
2,4-Dinitrophenol	NC	NC	15 - 130	NC	30	U	U
2,4-Dinitrotoluene	85	78	50 - 115	10	30	J D	J D
2,6-Dinitrotoluene	95	96	50 - 110	0	30	J D	J D
Di-n-octyl phthalate	81	83	40 - 130	1	30	D	D
Fluoranthene	65	69	55 - 115	5	30	D	D
Fluorene	66	65	50 - 110	2	30	D	D
Hexachlorobenzene	69	68	45 - 120	2	30	D	D
Hexachlorobutadiene	64	62	40 - 115	5	30	J D	J D
Hexachloroethane	63	48	35 - 110	28	30	J D	J D
Indeno[1,2,3-cd]pyrene	61	74	40 - 120	17	30	D	D
Isophorone	69	68	45 - 110	2	30	J D	J D
2-Methylnaphthalene	70	67	45 - 105	6	30	D	D
2-Methylphenol	NC	NC	40 - 105	NC	30	U	U
3 & 4 Methylphenol	62	66	40 - 105	6	30	J D	J D
Naphthalene	67	68	40 - 105	1	30	D	D
2-Nitroaniline	53	53	45 - 120	2	30	J D	J D
3-Nitroaniline	35	32	25 - 110	11	30	J D	J D
4-Nitroaniline	0	61	35 - 115	200	30	U J	D J
Nitrobenzene	64	61	40 - 115	6	30	J D	J D
2-Nitrophenol	60	56	40 - 110	7	30	J D	J D
4-Nitrophenol	NC	NC	15 - 140	NC	30	U	U
N-Nitrosodi-n-propylamine	67	67	40 - 115	2	30	J D	J D
N-Nitrosodiphenylamine	0	65	50 - 115	200	30	U J	D J
Pentachlorophenol	NC	NC	25 - 120	NC	30	U	U
Phenanthrene	65	68	50 - 110	4	30	D	D
Phenol	66	70	40 - 100	5	30	J D	J D
Pyrene	64	66	45 - 125	2	30	D	D
1,2,4-Trichlorobenzene	62	62	45 - 110	1	30	J D	J D
2,4,5-Trichlorophenol	62	69	50 - 110	9	30	J D	J D
2,4,6-Trichlorophenol	NC	NC	45 - 110	NC	30	U	U

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	63	62	45 - 105
2-Fluorophenol (Surr)	65	68	35 - 105
Nitrobenzene-d5 (Surr)	61	57	35 - 100
Phenol-d5 (Surr)	68	64	40 - 100
Terphenyl-d14 (Surr)	67	68	30 - 125
2,4,6-Tribromophenol (Surr)	59	64	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-66227

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17768-6	Units: ug/Kg	MSD Lab Sample ID:	240-17768-6	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	10		Dilution:	10	
Analysis Date:	12/05/2012 1129		Analysis Date:	12/05/2012 1152	
Prep Date:	11/26/2012 0935		Prep Date:	11/26/2012 0935	
Leach Date:	11/21/2012 1000		Leach Date:	11/21/2012 1000	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	33	U	670	661	436	D	444	D
Acenaphthylene	33	U	670	661	430	D	427	D
Anthracene	33	U	670	661	401	D	418	D
Benzo[a]anthracene	33	U	670	661	409	D	428	D
Benzo[a]pyrene	33	U	670	661	427	D	471	D
Benzo[b]fluoranthene	33	U	670	661	396	D	436	D
Benzo[g,h,i]perylene	33	U	670	661	500	D	487	D
Benzoic acid	3300	U	670	661	3300	U	3300	U
Benzo[k]fluoranthene	33	U	670	661	380	D	478	D
Benzyl alcohol	270	U	670	661	389	J D	435	J D
Bis(2-chloroethoxy)methane	270	U	670	661	427	J D	388	J D
Bis(2-chloroethyl)ether	33	U	670	661	419	J D	428	J D
bis (2-chloroisopropyl) ether	270	U	670	661	396	J D	403	J D
Bis(2-ethylhexyl) phthalate	270	U	670	661	501	D	506	D
4-Bromophenyl phenyl ether	270	U	670	661	444	J D	451	J D
Butyl benzyl phthalate	270	U	670	661	489	J D	469	J D
Carbazole	270	U	670	661	398	J D	447	J D
4-Chloroaniline	270	U	670	661	270	U J	270	U J
4-Chloro-3-methylphenol	270	U	670	661	431	J D	407	J D
2-Chloronaphthalene	33	U	670	661	450	J D	412	J D
2-Chlorophenol	270	U	670	661	432	J D	430	J D
4-Chlorophenyl phenyl ether	270	U	670	661	451	J D	460	J D
Chrysene	33	U	670	661	477	D	468	D
Dibenz(a,h)anthracene	33	U	670	661	33	U J	505	D J
Dibenzofuran	33	U	670	661	442	J D	433	J D
1,2-Dichlorobenzene	270	U	670	661	454	J D	404	J D
1,3-Dichlorobenzene	270	U	670	661	383	J D	345	J D
1,4-Dichlorobenzene	270	U	670	661	420	J D	384	J D
3,3'-Dichlorobenzidine	800	U	670	661	800	U J	286	D J
2,4-Dichlorophenol	270	U	670	661	404	J D	468	J D
Diethyl phthalate	270	U	670	661	437	J D	426	J D
2,4-Dimethylphenol	800	U	670	661	201	J D	216	J D
Dimethyl phthalate	270	U	670	661	440	J D	460	J D
Di-n-butyl phthalate	270	U	670	661	410	J D	436	J D
4,6-Dinitro-2-methylphenol	800	U	670	661	800	U	790	U
2,4-Dinitrophenol	800	U	670	661	800	U	790	U
2,4-Dinitrotoluene	270	U	670	661	568	J D	515	J D
2,6-Dinitrotoluene	270	U	670	661	636	J D	636	J D
Di-n-octyl phthalate	270	U	670	661	540	D	547	D
Fluoranthene	33	U	670	661	435	D	459	D
Fluorene	33	U	670	661	444	D	433	D
Hexachlorobenzene	33	U	670	661	461	D	450	D
Hexachlorobutadiene	270	U	670	661	431	J D	410	J D

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-66227

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17768-6	Units: ug/Kg	MSD Lab Sample ID:	240-17768-6	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	10		Dilution:	10	
Analysis Date:	12/05/2012 1129		Analysis Date:	12/05/2012 1152	
Prep Date:	11/26/2012 0935		Prep Date:	11/26/2012 0935	
Leach Date:	11/21/2012 1000		Leach Date:	11/21/2012 1000	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Hexachloroethane	270	U	670	661	419	J D	315	J D
Indeno[1,2,3-cd]pyrene	33	U	670	661	411	D	487	D
Isophorone	270	U	670	661	459	J D	452	J D
2-Methylnaphthalene	33	U	670	661	470	D	442	D
2-Methylphenol	800	U	670	661	800	U	790	U
3 & 4 Methylphenol	800	U	1340	1320	824	J D	871	J D
Naphthalene	33	U	670	661	447	D	452	D
2-Nitroaniline	270	U	670	661	357	J D	348	J D
3-Nitroaniline	800	U	670	661	234	J D	209	J D
4-Nitroaniline	270	U	670	661	270	U J	407	D J
Nitrobenzene	33	U	670	661	427	J D	404	J D
2-Nitrophenol	270	U	670	661	400	J D	371	J D
4-Nitrophenol	800	U	670	661	800	U	790	U
N-Nitrosodi-n-propylamine	270	U	670	661	450	J D	444	J D
N-Nitrosodiphenylamine	270	U	670	661	270	U J	432	D J
Pentachlorophenol	800	U	670	661	800	U	790	U
Phenanthrene	33	U	670	661	432	D	451	D
Phenol	270	U	670	661	440	J D	463	J D
Pyrene	33	U	670	661	430	D	439	D
1,2,4-Trichlorobenzene	270	U	670	661	412	J D	408	J D
2,4,5-Trichlorophenol	270	U	670	661	416	J D	457	J D
2,4,6-Trichlorophenol	800	U	670	661	800	U	790	U

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Blank - Batch: 240-66237

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-66237/12-A	Analysis Batch:	240-67225	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66237	Lab File ID:	21204006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/04/2012 1056	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0949			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: 240-17768-1

Method Blank - Batch: 240-66237

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-66237/12-A	Analysis Batch:	240-67225	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66237	Lab File ID:	21204006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/04/2012 1056	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0949			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)	62	45 - 105
2-Fluorophenol (Surr)	63	35 - 105
Nitrobenzene-d5 (Surr)	69	35 - 100
Phenol-d5 (Surr)	67	40 - 100
Terphenyl-d14 (Surr)	77	30 - 125
2,4,6-Tribromophenol (Surr)	53	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Control Sample - Batch: 240-66237

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-66237/13-A	Analysis Batch:	240-67052	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66237	Lab File ID:	21203011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/03/2012 1425	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0949			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	458	69	45 - 110	
Acenaphthylene	667	462	69	45 - 105	
Anthracene	667	502	75	55 - 105	
Benzo[a]anthracene	667	516	77	50 - 110	
Benzo[a]pyrene	667	445	67	50 - 110	
Benzo[b]fluoranthene	667	497	75	45 - 115	
Benzo[g,h,i]perylene	667	495	74	40 - 125	
Benzoic acid	667	330	34	0 - 110	U
Benzo[k]fluoranthene	667	571	86	45 - 125	
Benzyl alcohol	667	445	67	20 - 125	
Bis(2-chloroethoxy)methane	667	457	69	45 - 110	
Bis(2-chloroethyl)ether	667	453	68	40 - 105	
bis (2-chloroisopropyl) ether	667	455	68	20 - 115	
Bis(2-ethylhexyl) phthalate	667	501	75	45 - 125	
4-Bromophenyl phenyl ether	667	535	80	45 - 115	
Butyl benzyl phthalate	667	509	76	50 - 125	
Carbazole	667	508	76	45 - 115	
4-Chloroaniline	667	357	54	10 - 110	
4-Chloro-3-methylphenol	667	512	77	45 - 115	
2-Chloronaphthalene	667	452	68	45 - 105	
2-Chlorophenol	667	462	69	45 - 105	
4-Chlorophenyl phenyl ether	667	483	72	45 - 110	
Chrysene	667	550	82	55 - 110	
Dibenz(a,h)anthracene	667	425	64	40 - 125	
Dibenzofuran	667	458	69	50 - 105	
1,2-Dichlorobenzene	667	436	65	45 - 110	
1,3-Dichlorobenzene	667	424	64	40 - 100	
1,4-Dichlorobenzene	667	430	64	35 - 105	
3,3'-Dichlorobenzidine	667	283	42	10 - 130	
2,4-Dichlorophenol	667	490	74	45 - 110	
Diethyl phthalate	667	507	76	50 - 115	
2,4-Dimethylphenol	667	332	50	30 - 105	
Dimethyl phthalate	667	498	75	50 - 110	
Di-n-butyl phthalate	667	546	82	55 - 110	
4,6-Dinitro-2-methylphenol	667	443	67	30 - 135	
2,4-Dinitrophenol	667	371	56	15 - 130	
2,4-Dinitrotoluene	667	529	79	50 - 115	
2,6-Dinitrotoluene	667	520	78	50 - 110	
Di-n-octyl phthalate	667	460	69	40 - 130	
Fluoranthene	667	532	80	55 - 115	
Fluorene	667	479	72	50 - 110	
Hexachlorobenzene	667	519	78	45 - 120	
Hexachlorobutadiene	667	466	70	40 - 115	
Hexachloroethane	667	452	68	35 - 110	
Indeno[1,2,3-cd]pyrene	667	451	68	40 - 120	
Isophorone	667	510	77	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Control Sample - Batch: 240-66237

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-66237/13-A	Analysis Batch:	240-67052	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66237	Lab File ID:	21203011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/03/2012 1425	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0949			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	471	71	45 - 105	
2-Methylphenol	667	434	65	40 - 105	
3 & 4 Methylphenol	1330	901	68	40 - 105	
Naphthalene	667	480	72	40 - 105	
2-Nitroaniline	667	540	81	45 - 120	
3-Nitroaniline	667	483	72	25 - 110	
4-Nitroaniline	667	482	72	35 - 115	
Nitrobenzene	667	502	75	40 - 115	
2-Nitrophenol	667	491	74	40 - 110	
4-Nitrophenol	667	504	76	15 - 140	
N-Nitrosodi-n-propylamine	667	475	71	40 - 115	
N-Nitrosodiphenylamine	667	493	74	50 - 115	
Pentachlorophenol	667	421	63	25 - 120	
Phenanthrene	667	497	75	50 - 110	
Phenol	667	477	72	40 - 100	
Pyrene	667	509	76	45 - 125	
1,2,4-Trichlorobenzene	667	463	70	45 - 110	
2,4,5-Trichlorophenol	667	503	75	50 - 110	
2,4,6-Trichlorophenol	667	468	70	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	64	45 - 105
2-Fluorophenol (Surr)	68	35 - 105
Nitrobenzene-d5 (Surr)	74	35 - 100
Phenol-d5 (Surr)	71	40 - 100
Terphenyl-d14 (Surr)	84	30 - 125
2,4,6-Tribromophenol (Surr)	75	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-66237

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17768-1	Analysis Batch:	240-67052	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66237	Lab File ID:	21203016.D
Dilution:	4.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.46 g
Analysis Date:	12/03/2012 1710			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0949			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

MSD Lab Sample ID:	240-17768-1	Analysis Batch:	240-67052	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66237	Lab File ID:	21203017.D
Dilution:	4.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.83 g
Analysis Date:	12/03/2012 1734			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0949			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	73	62	45 - 110	13	30		
Acenaphthylene	70	63	45 - 105	9	30		
Anthracene	69	63	55 - 105	6	30		
Benzo[a]anthracene	71	64	50 - 110	8	30		
Benzo[a]pyrene	66	59	50 - 110	10	30		
Benzo[b]fluoranthene	69	59	45 - 115	14	30		
Benzo[g,h,i]perylene	69	58	40 - 125	14	30		
Benzoic acid	NC	NC	0 - 110	NC	30	U	U
Benzo[k]fluoranthene	69	61	45 - 125	10	30		
Benzyl alcohol	66	61	20 - 125	5	30	J	J
Bis(2-chloroethoxy)methane	65	59	45 - 110	8	30		J
Bis(2-chloroethyl)ether	63	57	40 - 105	8	30		J
bis (2-chloroisopropyl) ether	66	58	20 - 115	11	30		J
Bis(2-ethylhexyl) phthalate	75	72	45 - 125	2	30		
4-Bromophenyl phenyl ether	69	64	45 - 115	5	30		
Butyl benzyl phthalate	73	71	50 - 125	0	30		
Carbazole	67	62	45 - 115	5	30		
4-Chloroaniline	35	30	10 - 95	13	30	J	J
4-Chloro-3-methylphenol	72	65	45 - 115	9	30	J	J
2-Chloronaphthalene	71	61	45 - 105	12	30		
2-Chlorophenol	63	61	45 - 105	3	30		
4-Chlorophenyl phenyl ether	71	65	45 - 110	7	30		
Chrysene	75	70	55 - 110	6	30		
Dibenz(a,h)anthracene	62	50	40 - 125	20	30		
Dibenzofuran	70	64	50 - 105	7	30		
1,2-Dichlorobenzene	64	57	45 - 95	10	30		
1,3-Dichlorobenzene	61	51	40 - 100	14	30		
1,4-Dichlorobenzene	59	54	35 - 105	6	30		
3,3'-Dichlorobenzidine	34	33	10 - 130	1	30	J	J
2,4-Dichlorophenol	72	64	45 - 110	10	30	J	J
Diethyl phthalate	73	66	50 - 115	8	30		
2,4-Dimethylphenol	68	63	30 - 105	5	30	J	J
Dimethyl phthalate	74	66	50 - 110	9	30		

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-66237

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17768-1	Analysis Batch:	240-67052	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66237	Lab File ID:	21203016.D
Dilution:	4.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.46 g
Analysis Date:	12/03/2012 1710			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0949			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

MSD Lab Sample ID:	240-17768-1	Analysis Batch:	240-67052	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66237	Lab File ID:	21203017.D
Dilution:	4.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.83 g
Analysis Date:	12/03/2012 1734			Final Weight/Volume:	2 mL
Prep Date:	11/26/2012 0949			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Di-n-butyl phthalate	72	66	55 - 110	6	30		
4,6-Dinitro-2-methylphenol	0	0	30 - 135	NC	30	U J	U J
2,4-Dinitrophenol	0	0	15 - 130	NC	30	U J	U J
2,4-Dinitrotoluene	75	71	50 - 115	4	30	J	J
2,6-Dinitrotoluene	84	74	50 - 110	11	30	J	J
Di-n-octyl phthalate	75	67	40 - 130	9	30		
Fluoranthene	70	66	55 - 115	4	30		
Fluorene	74	65	50 - 110	10	30		
Hexachlorobenzene	72	63	45 - 120	10	30		
Hexachlorobutadiene	64	56	40 - 115	12	30		
Hexachloroethane	65	50	35 - 110	23	30		
Indeno[1,2,3-cd]pyrene	62	57	40 - 120	7	30		
Isophorone	72	66	45 - 110	7	30		
2-Methylnaphthalene	66	63	45 - 105	2	30		
2-Methylphenol	69	60	40 - 105	12	30	J	J
3 & 4 Methylphenol	72	61	40 - 105	14	30	J	J
Naphthalene	68	59	40 - 105	13	30		
2-Nitroaniline	76	65	45 - 120	13	30	J	J
3-Nitroaniline	52	47	25 - 110	8	30	J	J
4-Nitroaniline	63	57	35 - 115	8	30	J	J
Nitrobenzene	67	60	40 - 115	10	30		
2-Nitrophenol	71	64	40 - 110	8	30		
4-Nitrophenol	57	57	15 - 140	2	30	J	J
N-Nitrosodi-n-propylamine	73	66	40 - 115	9	30		
N-Nitrosodiphenylamine	70	66	50 - 115	4	30		
Pentachlorophenol	69	63	25 - 120	7	30	J	J
Phenanthrene	71	63	50 - 110	9	30		
Phenol	73	64	40 - 100	11	30		
Pyrene	71	61	45 - 125	12	30		
1,2,4-Trichlorobenzene	64	58	45 - 110	7	30		
2,4,5-Trichlorophenol	78	62	50 - 110	20	30	J	J
2,4,6-Trichlorophenol	76	66	45 - 110	12	30	J	J

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	65	56	45 - 105
2-Fluorophenol (Surr)	68	59	35 - 105
Nitrobenzene-d5 (Surr)	68	58	35 - 100
Phenol-d5 (Surr)	68	63	40 - 100
Terphenyl-d14 (Surr)	72	64	30 - 125
2,4,6-Tribromophenol (Surr)	75	64	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-66237

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17768-1	Units:	ug/Kg	MSD Lab Sample ID:	240-17768-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	4.0			Dilution:	4.0
Analysis Date:	12/03/2012 1710			Analysis Date:	12/03/2012 1734
Prep Date:	11/26/2012 0949			Prep Date:	11/26/2012 0949
Leach Date:	11/21/2012 1000			Leach Date:	11/21/2012 1000

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	13	U	657	670	476		419	
Acenaphthylene	13	U	657	670	463		423	
Anthracene	13	U	657	670	451		423	
Benzo[a]anthracene	13	U	657	670	468		432	
Benzo[a]pyrene	13	U	657	670	437		397	
Benzo[b]fluoranthene	13	U	657	670	456		397	
Benzo[g,h,i]perylene	13	U	657	670	452		391	
Benzoic acid	1300	U	657	670	1300	U	1300	U
Benzo[k]fluoranthene	13	U	657	670	452		409	
Benzyl alcohol	110	U	657	670	433	J	412	J
Bis(2-chloroethoxy)methane	110	U	657	670	425		393	J
Bis(2-chloroethyl)ether	13	U	657	670	414		383	J
bis (2-chloroisopropyl) ether	110	U	657	670	436		391	J
Bis(2-ethylhexyl) phthalate	110	U	657	670	495		485	
4-Bromophenyl phenyl ether	110	U	657	670	455		431	
Butyl benzyl phthalate	110	U	657	670	479		478	
Carbazole	110	U	657	670	438		418	
4-Chloroaniline	110	U	657	670	228	J	200	J
4-Chloro-3-methylphenol	110	U	657	670	476	J	434	J
2-Chloronaphthalene	13	U	657	670	464		410	
2-Chlorophenol	110	U	657	670	416		406	
4-Chlorophenyl phenyl ether	110	U	657	670	465		433	
Chrysene	13	U	657	670	496		466	
Dibenz(a,h)anthracene	13	U	657	670	409		334	
Dibenzofuran	13	U	657	670	458		427	
1,2-Dichlorobenzene	110	U	657	670	419		379	
1,3-Dichlorobenzene	110	U	657	670	398		345	
1,4-Dichlorobenzene	110	U	657	670	386		364	
3,3'-Dichlorobenzidine	320	U	657	670	220	J	222	J
2,4-Dichlorophenol	110	U	657	670	472	J	426	J
Diethyl phthalate	110	U	657	670	481		444	
2,4-Dimethylphenol	320	U	657	670	448	J	425	J
Dimethyl phthalate	110	U	657	670	484		441	
Di-n-butyl phthalate	110	U	657	670	470		444	
4,6-Dinitro-2-methylphenol	320	U	657	670	320	U J	320	U J
2,4-Dinitrophenol	320	U	657	670	320	U J	320	U J
2,4-Dinitrotoluene	110	U	657	670	494	J	474	J
2,6-Dinitrotoluene	110	U	657	670	550	J	495	J
Di-n-octyl phthalate	110	U	657	670	493		451	
Fluoranthene	15	J	657	670	476		459	
Fluorene	13	U	657	670	483		438	
Hexachlorobenzene	13	U	657	670	471		425	
Hexachlorobutadiene	110	U	657	670	422		373	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-66237

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17768-1	Units:	ug/Kg	MSD Lab Sample ID:	240-17768-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	4.0			Dilution:	4.0
Analysis Date:	12/03/2012 1710			Analysis Date:	12/03/2012 1734
Prep Date:	11/26/2012 0949			Prep Date:	11/26/2012 0949
Leach Date:	11/21/2012 1000			Leach Date:	11/21/2012 1000

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Hexachloroethane	110	U	657	670	425		337	
Indeno[1,2,3-cd]pyrene	13	U	657	670	408		380	
Isophorone	110	U	657	670	473		441	
2-Methylnaphthalene	18	J	657	670	449		442	
2-Methylphenol	320	U	657	670	453	J	402	J
3 & 4 Methylphenol	320	U	1310	1340	943	J	822	J
Naphthalene	13	U	657	670	449		395	
2-Nitroaniline	110	U	657	670	497	J	435	J
3-Nitroaniline	320	U	657	670	344	J	316	J
4-Nitroaniline	110	U	657	670	415	J	385	J
Nitrobenzene	13	U	657	670	442		401	
2-Nitrophenol	110	U	657	670	469		431	
4-Nitrophenol	320	U	657	670	376	J	385	J
N-Nitrosodi-n-propylamine	110	U	657	670	482		439	
N-Nitrosodiphenylamine	110	U	657	670	463		443	
Pentachlorophenol	320	U	657	670	451	J	419	J
Phenanthrene	29		657	670	492		451	
Phenol	110	U	657	670	478		430	
Pyrene	26	J	657	670	489		435	
1,2,4-Trichlorobenzene	110	U	657	670	418		390	
2,4,5-Trichlorophenol	110	U	657	670	511	J	416	J
2,4,6-Trichlorophenol	320	U	657	670	498	J	442	J

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Blank - Batch: 240-66397

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-66397/18-A	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66397	Lab File ID:	21130004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/30/2012 0937	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Acenaphthene	3.3	U	3.3	6.7
Acenaphthylene	3.3	U	3.3	6.7
Anthracene	3.3	U	3.3	6.7
Benzo[a]anthracene	3.3	U	3.3	6.7
Benzo[a]pyrene	3.3	U	3.3	6.7
Benzo[b]fluoranthene	3.3	U	3.3	6.7
Benzo[g,h,i]perylene	3.3	U	3.3	6.7
Benzoic acid	330	U	330	660
Benzo[k]fluoranthene	3.3	U	3.3	6.7
Benzyl alcohol	27	U	21	330
Bis(2-chloroethoxy)methane	27	U	22	100
Bis(2-chloroethyl)ether	3.3	U	2.0	100
bis (2-chloroisopropyl) ether	27	U	9.5	100
Bis(2-ethylhexyl) phthalate	30.7	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: 240-17768-1

Method Blank - Batch: 240-66397

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-66397/18-A	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66397	Lab File ID:	21130004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/30/2012 0937	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			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)	67	45 - 105
2-Fluorophenol (Surr)	71	35 - 105
Nitrobenzene-d5 (Surr)	73	35 - 100
Phenol-d5 (Surr)	74	40 - 100
Terphenyl-d14 (Surr)	83	30 - 125
2,4,6-Tribromophenol (Surr)	66	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Control Sample - Batch: 240-66397

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-66397/19-A	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66397	Lab File ID:	21130005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/30/2012 1001	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	478	72	45 - 110	
Acenaphthylene	667	492	74	45 - 105	
Anthracene	667	504	76	55 - 105	
Benzo[a]anthracene	667	509	76	50 - 110	
Benzo[a]pyrene	667	437	66	50 - 110	
Benzo[b]fluoranthene	667	501	75	45 - 115	
Benzo[g,h,i]perylene	667	546	82	40 - 125	
Benzoic acid	667	362	54	0 - 110	J
Benzo[k]fluoranthene	667	506	76	45 - 125	
Benzyl alcohol	667	467	70	20 - 125	
Bis(2-chloroethoxy)methane	667	487	73	45 - 110	
Bis(2-chloroethyl)ether	667	470	71	40 - 105	
bis (2-chloroisopropyl) ether	667	477	72	20 - 115	
Bis(2-ethylhexyl) phthalate	667	521	78	45 - 125	
4-Bromophenyl phenyl ether	667	542	81	45 - 115	
Butyl benzyl phthalate	667	512	77	50 - 125	
Carbazole	667	506	76	45 - 115	
4-Chloroaniline	667	317	48	10 - 110	
4-Chloro-3-methylphenol	667	517	78	45 - 115	
2-Chloronaphthalene	667	484	73	45 - 105	
2-Chlorophenol	667	475	71	45 - 105	
4-Chlorophenyl phenyl ether	667	506	76	45 - 110	
Chrysene	667	537	81	55 - 110	
Dibenz(a,h)anthracene	667	487	73	40 - 125	
Dibenzofuran	667	477	72	50 - 105	
1,2-Dichlorobenzene	667	465	70	45 - 110	
1,3-Dichlorobenzene	667	446	67	40 - 100	
1,4-Dichlorobenzene	667	453	68	35 - 105	
3,3'-Dichlorobenzidine	667	318	48	10 - 130	
2,4-Dichlorophenol	667	533	80	45 - 110	
Diethyl phthalate	667	513	77	50 - 115	
2,4-Dimethylphenol	667	376	56	30 - 105	
Dimethyl phthalate	667	501	75	50 - 110	
Di-n-butyl phthalate	667	542	81	55 - 110	
4,6-Dinitro-2-methylphenol	667	470	71	30 - 135	
2,4-Dinitrophenol	667	422	63	15 - 130	
2,4-Dinitrotoluene	667	507	76	50 - 115	
2,6-Dinitrotoluene	667	517	78	50 - 110	
Di-n-octyl phthalate	667	479	72	40 - 130	
Fluoranthene	667	530	79	55 - 115	
Fluorene	667	488	73	50 - 110	
Hexachlorobenzene	667	530	80	45 - 120	
Hexachlorobutadiene	667	498	75	40 - 115	
Hexachloroethane	667	455	68	35 - 110	
Indeno[1,2,3-cd]pyrene	667	504	76	40 - 120	
Isophorone	667	540	81	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Control Sample - Batch: 240-66397

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-66397/19-A	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66397	Lab File ID:	21130005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/30/2012 1001	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	501	75	45 - 105	
2-Methylphenol	667	461	69	40 - 105	
3 & 4 Methylphenol	1330	949	71	40 - 105	
Naphthalene	667	497	75	40 - 105	
2-Nitroaniline	667	538	81	45 - 120	
3-Nitroaniline	667	461	69	25 - 110	
4-Nitroaniline	667	495	74	35 - 115	
Nitrobenzene	667	517	77	40 - 115	
2-Nitrophenol	667	532	80	40 - 110	
4-Nitrophenol	667	517	78	15 - 140	
N-Nitrosodi-n-propylamine	667	497	74	40 - 115	
N-Nitrosodiphenylamine	667	505	76	50 - 115	
Pentachlorophenol	667	429	64	25 - 120	
Phenanthrene	667	497	75	50 - 110	
Phenol	667	489	73	40 - 100	
Pyrene	667	492	74	45 - 125	
1,2,4-Trichlorobenzene	667	482	72	45 - 110	
2,4,5-Trichlorophenol	667	501	75	50 - 110	
2,4,6-Trichlorophenol	667	496	74	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	69	45 - 105
2-Fluorophenol (Surr)	73	35 - 105
Nitrobenzene-d5 (Surr)	77	35 - 100
Phenol-d5 (Surr)	75	40 - 100
Terphenyl-d14 (Surr)	78	30 - 125
2,4,6-Tribromophenol (Surr)	74	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-66397

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17768-23	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66397	Lab File ID:	21130007.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.86 g
Analysis Date:	11/30/2012 1047			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

MSD Lab Sample ID:	240-17768-23	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66397	Lab File ID:	21130008.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.30 g
Analysis Date:	11/30/2012 1111			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	70	58	45 - 110	21	30	D	D
Acenaphthylene	71	55	45 - 105	27	30	D	D
Anthracene	79	65	55 - 105	21	30	D	D
Benzo[a]anthracene	77	64	50 - 110	19	30	D	D
Benzo[a]pyrene	67	56	50 - 110	21	30	D	D
Benzo[b]fluoranthene	68	58	45 - 115	18	30	D	D
Benzo[g,h,i]perylene	74	62	40 - 125	20	30	D	D
Benzoic acid	NC	NC	0 - 110	NC	30	U	U
Benzo[k]fluoranthene	74	58	45 - 125	26	30	D	D
Benzyl alcohol	60	50	20 - 125	21	30	J D	J D
Bis(2-chloroethoxy)methane	65	50	45 - 110	29	30	J D	J D
Bis(2-chloroethyl)ether	65	54	40 - 105	20	30	J D	J D
bis (2-chloroisopropyl) ether	66	53	20 - 115	24	30	J D	J D
Bis(2-ethylhexyl) phthalate	80	69	45 - 125	16	30	D	D
4-Bromophenyl phenyl ether	83	65	45 - 115	26	30	D	D
Butyl benzyl phthalate	80	66	50 - 125	20	30	D	D
Carbazole	77	63	45 - 115	22	30	D	D
4-Chloroaniline	26	0	10 - 95	200	30	J D	U J
4-Chloro-3-methylphenol	78	60	45 - 115	27	30	J D	J D
2-Chloronaphthalene	67	55	45 - 105	21	30	D	D
2-Chlorophenol	68	57	45 - 105	19	30	D	D
4-Chlorophenyl phenyl ether	77	63	45 - 110	21	30	D	D
Chrysene	82	69	55 - 110	20	30	D	D
Dibenz(a,h)anthracene	66	57	40 - 125	16	30	D	D
Dibenzofuran	73	59	50 - 105	22	30	D	D
1,2-Dichlorobenzene	66	52	45 - 95	25	30	D	D
1,3-Dichlorobenzene	61	50	40 - 100	20	30	D	D
1,4-Dichlorobenzene	64	51	35 - 105	24	30	D	D
3,3'-Dichlorobenzidine	46	36	10 - 130	25	30	J D	J D
2,4-Dichlorophenol	74	57	45 - 110	27	30	J D	J D
Diethyl phthalate	82	65	50 - 115	25	30	D	D
2,4-Dimethylphenol	59	43	30 - 105	33	30	J D	D J
Dimethyl phthalate	78	65	50 - 110	20	30	D	D

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-66397

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17768-23	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66397	Lab File ID:	21130007.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.86 g
Analysis Date:	11/30/2012 1047			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

MSD Lab Sample ID:	240-17768-23	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-66397	Lab File ID:	21130008.D
Dilution:	5.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.30 g
Analysis Date:	11/30/2012 1111			Final Weight/Volume:	2 mL
Prep Date:	11/27/2012 0922			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Di-n-butyl phthalate	80	65	55 - 110	22	30	D	D
4,6-Dinitro-2-methylphenol	79	72	30 - 135	11	30	J D	J D
2,4-Dinitrophenol	132	122	15 - 130	9	30	D J	J D
2,4-Dinitrotoluene	87	74	50 - 115	17	30	J D	J D
2,6-Dinitrotoluene	88	81	50 - 110	9	30	J D	J D
Di-n-octyl phthalate	73	62	40 - 130	18	30	D	D
Fluoranthene	81	69	55 - 115	18	30	D	D
Fluorene	77	63	50 - 110	21	30	D	D
Hexachlorobenzene	79	64	45 - 120	22	30	D	D
Hexachlorobutadiene	63	52	40 - 115	21	30	D	D
Hexachloroethane	63	51	35 - 110	23	30	D	D
Indeno[1,2,3-cd]pyrene	70	58	40 - 120	20	30	D	D
Isophorone	71	56	45 - 110	25	30	D	D
2-Methylnaphthalene	68	55	45 - 105	22	30	D	D
2-Methylphenol	64	0	40 - 105	200	30	J D	U J
3 & 4 Methylphenol	71	56	40 - 105	26	30	J D	J D
Naphthalene	68	55	40 - 105	22	30	D	D
2-Nitroaniline	81	60	45 - 120	31	30	J D	D J
3-Nitroaniline	70	51	25 - 110	33	30	J D	D J
4-Nitroaniline	82	66	35 - 115	23	30	J D	J D
Nitrobenzene	66	55	40 - 115	20	30	J D	J D
2-Nitrophenol	70	56	40 - 110	25	30	D	D
4-Nitrophenol	65	0	15 - 140	200	30	J D	U J
N-Nitrosodi-n-propylamine	76	57	40 - 115	31	30	D	D J
N-Nitrosodiphenylamine	80	64	50 - 115	23	30	D	D
Pentachlorophenol	73	71	25 - 120	4	30	J D	J D
Phenanthrene	79	64	50 - 110	23	30	D	D
Phenol	70	55	40 - 100	24	30	D	D
Pyrene	74	62	45 - 125	19	30	D	D
1,2,4-Trichlorobenzene	62	52	45 - 110	18	30	D	D
2,4,5-Trichlorophenol	77	63	50 - 110	21	30	J D	J D
2,4,6-Trichlorophenol	74	63	45 - 110	18	30	J D	J D

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	66	51	45 - 105
2-Fluorophenol (Surr)	72	53	35 - 105
Nitrobenzene-d5 (Surr)	66	52	35 - 100
Phenol-d5 (Surr)	69	57	40 - 100
Terphenyl-d14 (Surr)	81	67	30 - 125
2,4,6-Tribromophenol (Surr)	77	64	35 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-66397

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17768-23	Units: ug/Kg	MSD Lab Sample ID:	240-17768-23	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	5.0		Dilution:	5.0	
Analysis Date:	11/30/2012 1047		Analysis Date:	11/30/2012 1111	
Prep Date:	11/27/2012 0922		Prep Date:	11/27/2012 0922	
Leach Date:	11/21/2012 1000		Leach Date:	11/21/2012 1000	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	16	U	670	660	471	D	383	D
Acenaphthylene	16	U	670	660	474	D	362	D
Anthracene	16	U	670	660	526	D	426	D
Benzo[a]anthracene	16	U	670	660	515	D	424	D
Benzo[a]pyrene	16	U	670	660	451	D	366	D
Benzo[b]fluoranthene	16	U	670	660	457	D	382	D
Benzo[g,h,i]perylene	16	U	670	660	498	D	408	D
Benzoic acid	1700	U	670	660	1700	U	1600	U
Benzo[k]fluoranthene	16	U	670	660	496	D	381	D
Benzyl alcohol	130	U	670	660	404	J D	329	J D
Bis(2-chloroethoxy)methane	130	U	670	660	438	J D	328	J D
Bis(2-chloroethyl)ether	16	U	670	660	438	J D	358	J D
bis (2-chloroisopropyl) ether	130	U	670	660	440	J D	347	J D
Bis(2-ethylhexyl) phthalate	130	U	670	660	537	D	455	D
4-Bromophenyl phenyl ether	130	U	670	660	554	D	427	D
Butyl benzyl phthalate	130	U	670	660	536	D	439	D
Carbazole	130	U	670	660	517	D	415	D
4-Chloroaniline	130	U	670	660	175	J D	130	U J
4-Chloro-3-methylphenol	130	U	670	660	521	J D	396	J D
2-Chloronaphthalene	16	U	670	660	446	D	362	D
2-Chlorophenol	130	U	670	660	456	D	376	D
4-Chlorophenyl phenyl ether	130	U	670	660	514	D	418	D
Chrysene	16	U	670	660	553	D	454	D
Dibenz(a,h)anthracene	16	U	670	660	441	D	376	D
Dibenzofuran	16	U	670	660	487	D	390	D
1,2-Dichlorobenzene	130	U	670	660	440	D	344	D
1,3-Dichlorobenzene	130	U	670	660	407	D	333	D
1,4-Dichlorobenzene	130	U	670	660	430	D	339	D
3,3'-Dichlorobenzidine	400	U	670	660	305	J D	238	J D
2,4-Dichlorophenol	130	U	670	660	495	J D	376	J D
Diethyl phthalate	130	U	670	660	549	D	429	D
2,4-Dimethylphenol	400	U	670	660	394	J D	282	D J
Dimethyl phthalate	130	U	670	660	525	D	429	D
Di-n-butyl phthalate	130	U	670	660	534	D	430	D
4,6-Dinitro-2-methylphenol	400	U	670	660	528	J D	474	J D
2,4-Dinitrophenol	400	U	670	660	882	D J	803	J D
2,4-Dinitrotoluene	130	U	670	660	581	J D	490	J D
2,6-Dinitrotoluene	130	U	670	660	586	J D	538	J D
Di-n-octyl phthalate	130	U	670	660	492	D	410	D
Fluoranthene	16	U	670	660	541	D	452	D
Fluorene	16	U	670	660	515	D	417	D
Hexachlorobenzene	16	U	670	660	529	D	425	D
Hexachlorobutadiene	130	U	670	660	422	D	342	D

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-66397

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17768-23	Units:	ug/Kg	MSD Lab Sample ID:	240-17768-23
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	5.0			Dilution:	5.0
Analysis Date:	11/30/2012 1047			Analysis Date:	11/30/2012 1111
Prep Date:	11/27/2012 0922			Prep Date:	11/27/2012 0922
Leach Date:	11/21/2012 1000			Leach Date:	11/21/2012 1000

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Hexachloroethane	130	U	670	660	424	D	337	D
Indeno[1,2,3-cd]pyrene	16	U	670	660	472	D	384	D
Isophorone	130	U	670	660	478	D	371	D
2-Methylnaphthalene	16	U	670	660	456	D	366	D
2-Methylphenol	400	U	670	660	430	J D	400	U J
3 & 4 Methylphenol	400	U	1340	1320	953	J D	736	J D
Naphthalene	16	U	670	660	452	D	363	D
2-Nitroaniline	130	U	670	660	541	J D	398	D J
3-Nitroaniline	400	U	670	660	468	J D	336	D J
4-Nitroaniline	130	U	670	660	549	J D	437	J D
Nitrobenzene	16	U	670	660	442	J D	360	J D
2-Nitrophenol	130	U	670	660	470	D	367	D
4-Nitrophenol	400	U	670	660	436	J D	400	U J
N-Nitrosodi-n-propylamine	130	U	670	660	512	D	375	D J
N-Nitrosodiphenylamine	130	U	670	660	535	D	422	D
Pentachlorophenol	400	U	670	660	488	J D	469	J D
Phenanthrene	16	U	670	660	529	D	421	D
Phenol	130	U	670	660	467	D	366	D
Pyrene	16	U	670	660	494	D	409	D
1,2,4-Trichlorobenzene	130	U	670	660	415	D	345	D
2,4,5-Trichlorophenol	130	U	670	660	516	J D	418	J D
2,4,6-Trichlorophenol	400	U	670	660	495	J D	414	J D

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-66878 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66878/3	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21130003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/30/2012 0914	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	5.12	102	70 - 130	
Anthracene	5.00	5.02	100	70 - 130	
Benzo[a]anthracene	5.00	5.12	102	70 - 130	
Benzo[a]pyrene	5.00	5.29	106	70 - 130	
Benzo[b]fluoranthene	5.00	5.37	107	70 - 130	
Benzo[g,h,i]perylene	5.00	5.51	110	70 - 130	
Benzoic acid	10.0	9.09	91	70 - 130	
Benzo[k]fluoranthene	5.00	5.34	107	70 - 130	
Benzyl alcohol	5.00	5.19	104	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.02	100	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.06	101	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.22	104	70 - 130	
4-Bromophenyl phenyl ether	5.00	4.94	99	70 - 130	
Butyl benzyl phthalate	5.00	5.03	101	70 - 130	
Carbazole	5.00	5.01	100	70 - 130	
4-Chloro-3-methylphenol	5.00	5.24	105	70 - 130	
2-Chloronaphthalene	5.00	5.22	104	70 - 130	
2-Chlorophenol	5.00	5.20	104	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.34	107	70 - 130	
Chrysene	5.00	5.15	103	70 - 130	
Dibenz(a,h)anthracene	5.00	5.10	102	70 - 130	
Dibenzofuran	5.00	5.06	101	70 - 130	
1,2-Dichlorobenzene	5.00	5.18	104	70 - 130	
1,3-Dichlorobenzene	5.00	5.05	101	70 - 130	
1,4-Dichlorobenzene	5.00	5.06	101	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.11	102	70 - 130	
2,4-Dichlorophenol	5.00	5.22	104	70 - 130	
Diethyl phthalate	5.00	5.15	103	70 - 130	
2,4-Dimethylphenol	5.00	5.33	107	70 - 130	
Dimethyl phthalate	5.00	5.14	103	70 - 130	
Di-n-butyl phthalate	5.00	5.16	103	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.73	95	70 - 130	
2,4-Dinitrophenol	10.0	9.84	98	70 - 130	
2,4-Dinitrotoluene	5.00	5.31	106	70 - 130	
2,6-Dinitrotoluene	5.00	5.11	102	70 - 130	
Di-n-octyl phthalate	5.00	4.96	99	70 - 130	
Fluoranthene	5.00	5.13	103	70 - 130	
Fluorene	5.00	5.22	104	70 - 130	
Hexachlorobenzene	5.00	5.19	104	70 - 130	
Hexachlorobutadiene	5.00	5.31	106	70 - 130	
Hexachloroethane	5.00	5.23	105	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.10	102	70 - 130	
Isophorone	5.00	5.14	103	70 - 130	
2-Methylnaphthalene	5.00	5.09	102	70 - 130	
2-Methylphenol	5.00	5.22	104	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-66878 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66878/3	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21130003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/30/2012 0914	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	5.15	103	70 - 130	
Naphthalene	5.00	5.07	101	70 - 130	
2-Nitroaniline	5.00	5.62	112	70 - 130	
3-Nitroaniline	5.00	5.72	114	70 - 130	
4-Nitroaniline	5.00	5.21	104	70 - 130	
Nitrobenzene	5.00	5.30	106	70 - 130	
2-Nitrophenol	5.00	5.32	106	70 - 130	
4-Nitrophenol	5.00	5.16	103	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.25	105	70 - 130	
N-Nitrosodiphenylamine	5.00	4.89	98	70 - 130	
Pentachlorophenol	10.0	9.98	100	70 - 130	
Phenanthrene	5.00	4.79	96	70 - 130	
Phenol	5.00	5.21	104	70 - 130	
Pyrene	5.00	5.18	104	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.10	102	70 - 130	
2,4,5-Trichlorophenol	5.00	5.39	108	70 - 130	
2,4,6-Trichlorophenol	5.00	5.29	106	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	101		50 - 150
2-Fluorophenol (Surr)	101		50 - 150
Nitrobenzene-d5 (Surr)	106	Q	50 - 150
Phenol-d5 (Surr)	103	Q	50 - 150
Terphenyl-d14 (Surr)	103		50 - 150
2,4,6-Tribromophenol (Surr)	110		50 - 150

Method Reporting Limit Check - Batch: 240-66878 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66878/23	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21130023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/30/2012 1701	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.98	100	70 - 130	
Acenaphthylene	5.00	5.03	101	70 - 130	
Anthracene	5.00	5.18	104	70 - 130	
Benzo[a]anthracene	5.00	5.19	104	70 - 130	
Benzo[a]pyrene	5.00	5.12	102	70 - 130	
Benzo[b]fluoranthene	5.00	5.16	103	70 - 130	
Benzo[g,h,i]perylene	5.00	5.34	107	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-66878 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66878/23	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21130023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/30/2012 1701	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	8.19	82	70 - 130	
Benzo[k]fluoranthene	5.00	5.34	107	70 - 130	
Benzyl alcohol	5.00	5.27	105	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.38	108	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.38	108	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.41	108	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.55	111	70 - 130	
Butyl benzyl phthalate	5.00	5.22	104	70 - 130	
Carbazole	5.00	4.96	99	70 - 130	
4-Chloro-3-methylphenol	5.00	5.45	109	70 - 130	
2-Chloronaphthalene	5.00	5.19	104	70 - 130	
2-Chlorophenol	5.00	5.25	105	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.43	109	70 - 130	
Chrysene	5.00	5.12	102	70 - 130	
Dibenz(a,h)anthracene	5.00	4.94	99	70 - 130	
Dibenzofuran	5.00	4.92	98	70 - 130	
1,2-Dichlorobenzene	5.00	5.33	107	70 - 130	
1,3-Dichlorobenzene	5.00	5.31	106	70 - 130	
1,4-Dichlorobenzene	5.00	5.15	103	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.31	106	70 - 130	
2,4-Dichlorophenol	5.00	5.31	106	70 - 130	
Diethyl phthalate	5.00	5.09	102	70 - 130	
2,4-Dimethylphenol	5.00	5.43	109	70 - 130	
Dimethyl phthalate	5.00	5.11	102	70 - 130	
Di-n-butyl phthalate	5.00	5.27	105	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.73	95	70 - 130	
2,4-Dinitrophenol	10.0	8.19	82	70 - 130	
2,4-Dinitrotoluene	5.00	5.42	108	70 - 130	
2,6-Dinitrotoluene	5.00	5.60	112	70 - 130	
Di-n-octyl phthalate	5.00	5.32	106	70 - 130	
Fluoranthene	5.00	5.17	103	70 - 130	
Fluorene	5.00	4.99	100	70 - 130	
Hexachlorobenzene	5.00	5.26	105	70 - 130	
Hexachlorobutadiene	5.00	5.49	110	70 - 130	
Hexachloroethane	5.00	5.09	102	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.11	102	70 - 130	
Isophorone	5.00	5.35	107	70 - 130	
2-Methylnaphthalene	5.00	5.14	103	70 - 130	
2-Methylphenol	5.00	5.26	105	70 - 130	
3 & 4 Methylphenol	5.00	5.37	107	70 - 130	
Naphthalene	5.00	5.13	103	70 - 130	
2-Nitroaniline	5.00	5.59	112	70 - 130	
3-Nitroaniline	5.00	5.53	111	70 - 130	
4-Nitroaniline	5.00	5.20	104	70 - 130	
Nitrobenzene	5.00	5.62	112	70 - 130	
2-Nitrophenol	5.00	5.38	108	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-66878 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66878/23	Analysis Batch:	240-66878	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21130023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/30/2012 1701	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	4.79	96	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.49	110	70 - 130	
N-Nitrosodiphenylamine	5.00	4.99	100	70 - 130	
Pentachlorophenol	10.0	10.2	102	70 - 130	
Phenanthrene	5.00	4.90	98	70 - 130	
Phenol	5.00	5.32	106	70 - 130	
Pyrene	5.00	5.03	101	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.50	110	70 - 130	
2,4,5-Trichlorophenol	5.00	5.21	104	70 - 130	
2,4,6-Trichlorophenol	5.00	5.25	105	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	104		50 - 150
2-Fluorophenol (Surr)	104		50 - 150
Nitrobenzene-d5 (Surr)	113	Q	50 - 150
Phenol-d5 (Surr)	107	Q	50 - 150
Terphenyl-d14 (Surr)	105		50 - 150
2,4,6-Tribromophenol (Surr)	117		50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67052 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67052/3	Analysis Batch:	240-67052	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21203003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/03/2012 1116	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	4.94	99	70 - 130	
Acenaphthylene	5.00	5.14	103	70 - 130	
Anthracene	5.00	5.10	102	70 - 130	
Benzo[a]anthracene	5.00	5.13	103	70 - 130	
Benzo[a]pyrene	5.00	5.19	104	70 - 130	
Benzo[b]fluoranthene	5.00	5.30	106	70 - 130	
Benzo[g,h,i]perylene	5.00	5.19	104	70 - 130	
Benzoic acid	10.0	8.26	83	70 - 130	
Benzo[k]fluoranthene	5.00	5.66	113	70 - 130	
Benzyl alcohol	5.00	5.06	101	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.22	104	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.14	103	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.93	99	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.29	106	70 - 130	
Butyl benzyl phthalate	5.00	4.99	100	70 - 130	
Carbazole	5.00	5.11	102	70 - 130	
4-Chloro-3-methylphenol	5.00	5.29	106	70 - 130	
2-Chloronaphthalene	5.00	5.08	102	70 - 130	
2-Chlorophenol	5.00	5.08	102	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.28	106	70 - 130	
Chrysene	5.00	5.13	103	70 - 130	
Dibenz(a,h)anthracene	5.00	4.58	92	70 - 130	
Dibenzofuran	5.00	4.93	99	70 - 130	
1,2-Dichlorobenzene	5.00	5.10	102	70 - 130	
1,3-Dichlorobenzene	5.00	4.96	99	70 - 130	
1,4-Dichlorobenzene	5.00	5.13	103	70 - 130	
3,3'-Dichlorobenzidine	5.00	4.73	95	70 - 130	
2,4-Dichlorophenol	5.00	5.40	108	70 - 130	
Diethyl phthalate	5.00	5.27	105	70 - 130	
2,4-Dimethylphenol	5.00	5.37	107	70 - 130	
Dimethyl phthalate	5.00	5.15	103	70 - 130	
Di-n-butyl phthalate	5.00	5.21	104	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.62	92	70 - 130	
2,4-Dinitrophenol	10.0	8.64	86	70 - 130	
2,4-Dinitrotoluene	5.00	5.17	103	70 - 130	
2,6-Dinitrotoluene	5.00	5.20	104	70 - 130	
Di-n-octyl phthalate	5.00	4.88	98	70 - 130	
Fluoranthene	5.00	5.10	102	70 - 130	
Fluorene	5.00	5.10	102	70 - 130	
Hexachlorobenzene	5.00	5.27	105	70 - 130	
Hexachlorobutadiene	5.00	5.31	106	70 - 130	
Hexachloroethane	5.00	5.14	103	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.86	97	70 - 130	
Isophorone	5.00	5.37	107	70 - 130	
2-Methylnaphthalene	5.00	5.18	104	70 - 130	
2-Methylphenol	5.00	5.01	100	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67052

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-67052/3	Analysis Batch:	240-67052	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21203003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/03/2012 1116	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	5.13	103	70 - 130	
2-Nitroaniline	5.00	5.47	109	70 - 130	
3-Nitroaniline	5.00	5.45	109	70 - 130	
4-Nitroaniline	5.00	4.96	99	70 - 130	
Nitrobenzene	5.00	5.62	112	70 - 130	
2-Nitrophenol	5.00	5.20	104	70 - 130	
4-Nitrophenol	5.00	5.26	105	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.12	102	70 - 130	
N-Nitrosodiphenylamine	5.00	4.94	99	70 - 130	
Pentachlorophenol	10.0	10.4	104	70 - 130	
Phenanthrene	5.00	4.89	98	70 - 130	
Phenol	5.00	5.21	104	70 - 130	
Pyrene	5.00	5.15	103	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.27	105	70 - 130	
2,4,5-Trichlorophenol	5.00	5.32	106	70 - 130	
2,4,6-Trichlorophenol	5.00	5.28	106	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	102		50 - 150
2-Fluorophenol (Surr)	103		50 - 150
Nitrobenzene-d5 (Surr)	111	Q	50 - 150
Phenol-d5 (Surr)	106	Q	50 - 150
Terphenyl-d14 (Surr)	103		50 - 150
2,4,6-Tribromophenol (Surr)	107		50 - 150

Method Reporting Limit Check - Batch: 240-67052

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-67052/18	Analysis Batch:	240-67052	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21203018.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/03/2012 1758	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	5.17	103	70 - 130	
Acenaphthylene	5.00	5.08	102	70 - 130	
Anthracene	5.00	5.14	103	70 - 130	
Benzo[a]anthracene	5.00	5.19	104	70 - 130	
Benzo[a]pyrene	5.00	5.08	102	70 - 130	
Benzo[b]fluoranthene	5.00	5.18	104	70 - 130	
Benzo[g,h,i]perylene	5.00	4.59	92	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67052

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-67052/18	Analysis Batch:	240-67052	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21203018.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/03/2012 1758	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	9.57	96	70 - 130	
Benzo[k]fluoranthene	5.00	5.12	102	70 - 130	
Benzyl alcohol	5.00	5.27	105	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.03	101	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.13	103	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.18	104	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.29	106	70 - 130	
Butyl benzyl phthalate	5.00	5.16	103	70 - 130	
Carbazole	5.00	5.06	101	70 - 130	
4-Chloro-3-methylphenol	5.00	5.43	109	70 - 130	
2-Chloronaphthalene	5.00	5.00	100	70 - 130	
2-Chlorophenol	5.00	5.21	104	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.13	103	70 - 130	
Chrysene	5.00	5.22	104	70 - 130	
Dibenz(a,h)anthracene	5.00	4.47	89	70 - 130	
Dibenzofuran	5.00	5.02	100	70 - 130	
1,2-Dichlorobenzene	5.00	5.12	102	70 - 130	
1,3-Dichlorobenzene	5.00	5.04	101	70 - 130	
1,4-Dichlorobenzene	5.00	5.13	103	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.18	104	70 - 130	
2,4-Dichlorophenol	5.00	5.19	104	70 - 130	
Diethyl phthalate	5.00	5.15	103	70 - 130	
2,4-Dimethylphenol	5.00	5.20	104	70 - 130	
Dimethyl phthalate	5.00	5.18	104	70 - 130	
Di-n-butyl phthalate	5.00	5.23	105	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.01	80	70 - 130	
2,4-Dinitrophenol	10.0	7.23	72	70 - 130	
2,4-Dinitrotoluene	5.00	5.45	109	70 - 130	
2,6-Dinitrotoluene	5.00	5.40	108	70 - 130	
Di-n-octyl phthalate	5.00	5.37	107	70 - 130	
Fluoranthene	5.00	5.19	104	70 - 130	
Fluorene	5.00	5.07	101	70 - 130	
Hexachlorobenzene	5.00	5.27	105	70 - 130	
Hexachlorobutadiene	5.00	5.10	102	70 - 130	
Hexachloroethane	5.00	5.14	103	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.55	91	70 - 130	
Isophorone	5.00	5.36	107	70 - 130	
2-Methylnaphthalene	5.00	5.16	103	70 - 130	
2-Methylphenol	5.00	5.33	107	70 - 130	
3 & 4 Methylphenol	5.00	5.21	104	70 - 130	
Naphthalene	5.00	5.15	103	70 - 130	
2-Nitroaniline	5.00	5.53	111	70 - 130	
3-Nitroaniline	5.00	5.50	110	70 - 130	
4-Nitroaniline	5.00	5.27	105	70 - 130	
Nitrobenzene	5.00	5.40	108	70 - 130	
2-Nitrophenol	5.00	5.27	105	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67052

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-67052/18	Analysis Batch:	240-67052	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21203018.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/03/2012 1758	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	5.14	103	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.39	108	70 - 130	
N-Nitrosodiphenylamine	5.00	5.04	101	70 - 130	
Pentachlorophenol	10.0	10.2	102	70 - 130	
Phenanthrene	5.00	4.95	99	70 - 130	
Phenol	5.00	5.24	105	70 - 130	
Pyrene	5.00	5.10	102	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.16	103	70 - 130	
2,4,5-Trichlorophenol	5.00	5.33	107	70 - 130	
2,4,6-Trichlorophenol	5.00	5.36	107	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	100		50 - 150
2-Fluorophenol (Surr)	105		50 - 150
Nitrobenzene-d5 (Surr)	109	Q	50 - 150
Phenol-d5 (Surr)	108	Q	50 - 150
Terphenyl-d14 (Surr)	105		50 - 150
2,4,6-Tribromophenol (Surr)	113		50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67225 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67225/3	Analysis Batch:	240-67225	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21204003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/04/2012 0945	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	5.09	102	70 - 130	
Acenaphthylene	5.00	5.16	103	70 - 130	
Anthracene	5.00	5.02	100	70 - 130	
Benzo[a]anthracene	5.00	5.03	101	70 - 130	
Benzo[a]pyrene	5.00	5.23	105	70 - 130	
Benzo[b]fluoranthene	5.00	5.37	107	70 - 130	
Benzo[g,h,i]perylene	5.00	5.57	111	70 - 130	
Benzoic acid	10.0	9.12	91	70 - 130	
Benzo[k]fluoranthene	5.00	5.30	106	70 - 130	
Benzyl alcohol	5.00	5.18	104	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.04	101	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.13	103	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.96	99	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.23	105	70 - 130	
Butyl benzyl phthalate	5.00	4.74	95	70 - 130	
Carbazole	5.00	5.12	102	70 - 130	
4-Chloro-3-methylphenol	5.00	5.22	104	70 - 130	
2-Chloronaphthalene	5.00	5.07	101	70 - 130	
2-Chlorophenol	5.00	5.32	106	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.25	105	70 - 130	
Chrysene	5.00	5.00	100	70 - 130	
Dibenz(a,h)anthracene	5.00	5.02	100	70 - 130	
Dibenzofuran	5.00	4.90	98	70 - 130	
1,2-Dichlorobenzene	5.00	5.15	103	70 - 130	
1,3-Dichlorobenzene	5.00	5.21	104	70 - 130	
1,4-Dichlorobenzene	5.00	5.00	100	70 - 130	
3,3'-Dichlorobenzidine	5.00	4.69	94	70 - 130	
2,4-Dichlorophenol	5.00	5.25	105	70 - 130	
Diethyl phthalate	5.00	5.32	106	70 - 130	
2,4-Dimethylphenol	5.00	5.13	103	70 - 130	
Dimethyl phthalate	5.00	5.18	104	70 - 130	
Di-n-butyl phthalate	5.00	5.22	104	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.09	102	70 - 130	
2,4-Dinitrophenol	10.0	10.1	101	70 - 130	
2,4-Dinitrotoluene	5.00	5.34	107	70 - 130	
2,6-Dinitrotoluene	5.00	5.28	106	70 - 130	
Di-n-octyl phthalate	5.00	4.78	96	70 - 130	
Fluoranthene	5.00	5.24	105	70 - 130	
Fluorene	5.00	5.09	102	70 - 130	
Hexachlorobenzene	5.00	5.16	103	70 - 130	
Hexachlorobutadiene	5.00	5.25	105	70 - 130	
Hexachloroethane	5.00	5.13	103	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.18	104	70 - 130	
Isophorone	5.00	5.22	104	70 - 130	
2-Methylnaphthalene	5.00	5.04	101	70 - 130	
2-Methylphenol	5.00	5.12	102	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67225 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67225/3	Analysis Batch:	240-67225	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21204003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/04/2012 0945	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	5.08	102	70 - 130	
Naphthalene	5.00	5.18	104	70 - 130	
2-Nitroaniline	5.00	5.34	107	70 - 130	
3-Nitroaniline	5.00	5.25	105	70 - 130	
4-Nitroaniline	5.00	5.04	101	70 - 130	
Nitrobenzene	5.00	5.38	108	70 - 130	
2-Nitrophenol	5.00	5.25	105	70 - 130	
4-Nitrophenol	5.00	5.10	102	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.24	105	70 - 130	
N-Nitrosodiphenylamine	5.00	0.00080	0	70 - 130	U ^
Pentachlorophenol	10.0	10.3	103	70 - 130	
Phenanthrene	5.00	4.93	99	70 - 130	
Phenol	5.00	5.35	107	70 - 130	
Pyrene	5.00	5.02	100	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.21	104	70 - 130	
2,4,5-Trichlorophenol	5.00	5.36	107	70 - 130	
2,4,6-Trichlorophenol	5.00	5.27	105	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	101		50 - 150
2-Fluorophenol (Surr)	106	Q	50 - 150
Nitrobenzene-d5 (Surr)	112	Q	50 - 150
Phenol-d5 (Surr)	106	Q	50 - 150
Terphenyl-d14 (Surr)	100		50 - 150
2,4,6-Tribromophenol (Surr)	104		50 - 150

Method Reporting Limit Check - Batch: 240-67225 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67225/25	Analysis Batch:	240-67225	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21204025.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/04/2012 1826	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	5.01	100	70 - 130	
Acenaphthylene	5.00	4.96	99	70 - 130	
Anthracene	5.00	4.98	100	70 - 130	
Benzo[a]anthracene	5.00	5.28	106	70 - 130	
Benzo[a]pyrene	5.00	5.21	104	70 - 130	
Benzo[b]fluoranthene	5.00	5.42	108	70 - 130	
Benzo[g,h,i]perylene	5.00	5.02	100	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67225 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67225/25	Analysis Batch:	240-67225	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21204025.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/04/2012 1826	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	7.87	79	70 - 130	
Benzo[k]fluoranthene	5.00	5.50	110	70 - 130	
Benzyl alcohol	5.00	5.32	106	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.22	104	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.12	102	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.34	107	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.25	105	70 - 130	
Butyl benzyl phthalate	5.00	5.32	106	70 - 130	
Carbazole	5.00	4.91	98	70 - 130	
4-Chloro-3-methylphenol	5.00	5.28	106	70 - 130	
2-Chloronaphthalene	5.00	5.10	102	70 - 130	
2-Chlorophenol	5.00	5.14	103	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.53	111	70 - 130	
Chrysene	5.00	5.11	102	70 - 130	
Dibenz(a,h)anthracene	5.00	4.82	96	70 - 130	
Dibenzofuran	5.00	5.02	100	70 - 130	
1,2-Dichlorobenzene	5.00	5.32	106	70 - 130	
1,3-Dichlorobenzene	5.00	5.18	104	70 - 130	
1,4-Dichlorobenzene	5.00	5.10	102	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.30	106	70 - 130	
2,4-Dichlorophenol	5.00	5.23	105	70 - 130	
Diethyl phthalate	5.00	5.20	104	70 - 130	
2,4-Dimethylphenol	5.00	5.20	104	70 - 130	
Dimethyl phthalate	5.00	5.25	105	70 - 130	
Di-n-butyl phthalate	5.00	5.17	103	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	3.97	79	70 - 130	
2,4-Dinitrophenol	10.0	6.89	69	70 - 130	^
2,4-Dinitrotoluene	5.00	5.60	112	70 - 130	
2,6-Dinitrotoluene	5.00	5.38	108	70 - 130	
Di-n-octyl phthalate	5.00	5.32	106	70 - 130	
Fluoranthene	5.00	5.11	102	70 - 130	
Fluorene	5.00	5.08	102	70 - 130	
Hexachlorobenzene	5.00	5.25	105	70 - 130	
Hexachlorobutadiene	5.00	5.39	108	70 - 130	
Hexachloroethane	5.00	5.08	102	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.92	98	70 - 130	
Isophorone	5.00	5.34	107	70 - 130	
2-Methylnaphthalene	5.00	5.08	102	70 - 130	
2-Methylphenol	5.00	5.08	102	70 - 130	
3 & 4 Methylphenol	5.00	5.11	102	70 - 130	
Naphthalene	5.00	5.04	101	70 - 130	
2-Nitroaniline	5.00	5.36	107	70 - 130	
3-Nitroaniline	5.00	5.69	114	70 - 130	
4-Nitroaniline	5.00	5.39	108	70 - 130	
Nitrobenzene	5.00	5.41	108	70 - 130	
2-Nitrophenol	5.00	5.20	104	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67225

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-67225/25	Analysis Batch:	240-67225	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21204025.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/04/2012 1826	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	5.17	103	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.37	107	70 - 130	
N-Nitrosodiphenylamine	5.00	4.92	98	70 - 130	
Pentachlorophenol	10.0	9.50	95	70 - 130	
Phenanthrene	5.00	4.74	95	70 - 130	
Phenol	5.00	5.20	104	70 - 130	
Pyrene	5.00	5.09	102	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.46	109	70 - 130	
2,4,5-Trichlorophenol	5.00	5.50	110	70 - 130	
2,4,6-Trichlorophenol	5.00	5.36	107	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	102		50 - 150
2-Fluorophenol (Surr)	100		50 - 150
Nitrobenzene-d5 (Surr)	111	Q	50 - 150
Phenol-d5 (Surr)	105	Q	50 - 150
Terphenyl-d14 (Surr)	104		50 - 150
2,4,6-Tribromophenol (Surr)	114		50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67390

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-67390/3	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21205003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/05/2012 0956	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	5.10	102	70 - 130	
Acenaphthylene	5.00	5.03	101	70 - 130	
Anthracene	5.00	5.06	101	70 - 130	
Benzo[a]anthracene	5.00	5.10	102	70 - 130	
Benzo[a]pyrene	5.00	5.12	102	70 - 130	
Benzo[b]fluoranthene	5.00	5.44	109	70 - 130	
Benzo[g,h,i]perylene	5.00	5.40	108	70 - 130	
Benzoic acid	10.0	9.33	93	70 - 130	
Benzo[k]fluoranthene	5.00	5.25	105	70 - 130	
Benzyl alcohol	5.00	5.16	103	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.94	99	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.13	103	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.09	102	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.11	102	70 - 130	
Butyl benzyl phthalate	5.00	5.17	103	70 - 130	
Carbazole	5.00	4.99	100	70 - 130	
4-Chloro-3-methylphenol	5.00	5.19	104	70 - 130	
2-Chloronaphthalene	5.00	5.04	101	70 - 130	
2-Chlorophenol	5.00	5.19	104	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.26	105	70 - 130	
Chrysene	5.00	5.10	102	70 - 130	
Dibenz(a,h)anthracene	5.00	4.95	99	70 - 130	
Dibenzofuran	5.00	4.99	100	70 - 130	
1,2-Dichlorobenzene	5.00	5.19	104	70 - 130	
1,3-Dichlorobenzene	5.00	5.24	105	70 - 130	
1,4-Dichlorobenzene	5.00	5.14	103	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.25	105	70 - 130	
2,4-Dichlorophenol	5.00	5.21	104	70 - 130	
Diethyl phthalate	5.00	5.07	101	70 - 130	
2,4-Dimethylphenol	5.00	5.23	105	70 - 130	
Dimethyl phthalate	5.00	5.04	101	70 - 130	
Di-n-butyl phthalate	5.00	5.13	103	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.85	97	70 - 130	
2,4-Dinitrophenol	10.0	9.30	93	70 - 130	
2,4-Dinitrotoluene	5.00	5.19	104	70 - 130	
2,6-Dinitrotoluene	5.00	5.05	101	70 - 130	
Di-n-octyl phthalate	5.00	5.03	101	70 - 130	
Fluoranthene	5.00	5.20	104	70 - 130	
Fluorene	5.00	5.21	104	70 - 130	
Hexachlorobenzene	5.00	4.94	99	70 - 130	
Hexachlorobutadiene	5.00	5.20	104	70 - 130	
Hexachloroethane	5.00	5.05	101	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.96	99	70 - 130	
Isophorone	5.00	5.06	101	70 - 130	
2-Methylnaphthalene	5.00	5.02	100	70 - 130	
2-Methylphenol	5.00	5.08	102	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67390 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67390/3	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21205003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/05/2012 0956	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	5.12	102	70 - 130	
Naphthalene	5.00	5.20	104	70 - 130	
2-Nitroaniline	5.00	5.25	105	70 - 130	
3-Nitroaniline	5.00	5.23	105	70 - 130	
4-Nitroaniline	5.00	4.97	99	70 - 130	
Nitrobenzene	5.00	5.16	103	70 - 130	
2-Nitrophenol	5.00	5.40	108	70 - 130	
4-Nitrophenol	5.00	5.00	100	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.15	103	70 - 130	
N-Nitrosodiphenylamine	5.00	4.97	99	70 - 130	
Pentachlorophenol	10.0	9.84	98	70 - 130	
Phenanthrene	5.00	4.79	96	70 - 130	
Phenol	5.00	5.10	102	70 - 130	
Pyrene	5.00	5.28	106	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.12	102	70 - 130	
2,4,5-Trichlorophenol	5.00	5.27	105	70 - 130	
2,4,6-Trichlorophenol	5.00	5.30	106	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	101		50 - 150
2-Fluorophenol (Surr)	106	Q	50 - 150
Nitrobenzene-d5 (Surr)	106	Q	50 - 150
Phenol-d5 (Surr)	103	Q	50 - 150
Terphenyl-d14 (Surr)	103		50 - 150
2,4,6-Tribromophenol (Surr)	111		50 - 150

Method Reporting Limit Check - Batch: 240-67390 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67390/26	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21205026.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/05/2012 1850	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	5.02	100	70 - 130	
Anthracene	5.00	5.00	100	70 - 130	
Benzo[a]anthracene	5.00	5.31	106	70 - 130	
Benzo[a]pyrene	5.00	5.11	102	70 - 130	
Benzo[b]fluoranthene	5.00	5.09	102	70 - 130	
Benzo[g,h,i]perylene	5.00	4.64	93	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67390 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67390/26	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21205026.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/05/2012 1850	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	8.19	82	70 - 130	
Benzo[k]fluoranthene	5.00	5.39	108	70 - 130	
Benzyl alcohol	5.00	5.18	104	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.31	106	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.04	101	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.18	104	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.26	105	70 - 130	
Butyl benzyl phthalate	5.00	5.13	103	70 - 130	
Carbazole	5.00	4.87	97	70 - 130	
4-Chloro-3-methylphenol	5.00	5.40	108	70 - 130	
2-Chloronaphthalene	5.00	5.15	103	70 - 130	
2-Chlorophenol	5.00	5.17	103	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.29	106	70 - 130	
Chrysene	5.00	5.21	104	70 - 130	
Dibenz(a,h)anthracene	5.00	4.57	91	70 - 130	
Dibenzofuran	5.00	4.89	98	70 - 130	
1,2-Dichlorobenzene	5.00	5.28	106	70 - 130	
1,3-Dichlorobenzene	5.00	5.19	104	70 - 130	
1,4-Dichlorobenzene	5.00	5.14	103	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.18	104	70 - 130	
2,4-Dichlorophenol	5.00	5.41	108	70 - 130	
Diethyl phthalate	5.00	5.00	100	70 - 130	
2,4-Dimethylphenol	5.00	5.42	108	70 - 130	
Dimethyl phthalate	5.00	5.17	103	70 - 130	
Di-n-butyl phthalate	5.00	5.03	101	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	3.99	80	70 - 130	
2,4-Dinitrophenol	10.0	7.24	72	70 - 130	
2,4-Dinitrotoluene	5.00	5.12	102	70 - 130	
2,6-Dinitrotoluene	5.00	5.31	106	70 - 130	
Di-n-octyl phthalate	5.00	4.94	99	70 - 130	
Fluoranthene	5.00	4.97	99	70 - 130	
Fluorene	5.00	5.02	100	70 - 130	
Hexachlorobenzene	5.00	5.28	106	70 - 130	
Hexachlorobutadiene	5.00	5.43	109	70 - 130	
Hexachloroethane	5.00	4.93	99	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.71	94	70 - 130	
Isophorone	5.00	5.32	106	70 - 130	
2-Methylnaphthalene	5.00	5.19	104	70 - 130	
2-Methylphenol	5.00	5.11	102	70 - 130	
3 & 4 Methylphenol	5.00	5.16	103	70 - 130	
Naphthalene	5.00	5.06	101	70 - 130	
2-Nitroaniline	5.00	5.24	105	70 - 130	
3-Nitroaniline	5.00	5.38	108	70 - 130	
4-Nitroaniline	5.00	5.29	106	70 - 130	
Nitrobenzene	5.00	5.53	111	70 - 130	
2-Nitrophenol	5.00	5.36	107	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67390 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67390/26	Analysis Batch:	240-67390	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21205026.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/05/2012 1850	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	5.14	103	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.13	103	70 - 130	
N-Nitrosodiphenylamine	5.00	5.09	102	70 - 130	
Pentachlorophenol	10.0	9.62	96	70 - 130	
Phenanthrene	5.00	4.77	95	70 - 130	
Phenol	5.00	5.09	102	70 - 130	
Pyrene	5.00	5.07	101	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.52	110	70 - 130	
2,4,5-Trichlorophenol	5.00	5.37	107	70 - 130	
2,4,6-Trichlorophenol	5.00	5.26	105	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	103		50 - 150
2-Fluorophenol (Surr)	103		50 - 150
Nitrobenzene-d5 (Surr)	110	Q	50 - 150
Phenol-d5 (Surr)	104	Q	50 - 150
Terphenyl-d14 (Surr)	102		50 - 150
2,4,6-Tribromophenol (Surr)	110		50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Blank - Batch: 240-66321

Method: 8015B
Preparation: 5035

Lab Sample ID:	MB 240-66321/1-A	Analysis Batch:	240-66387	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-66321	Lab File ID:	YF112720.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	11/27/2012 2143	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/26/2012 1421			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)	77	10 - 150

Lab Control Sample - Batch: 240-66321

Method: 8015B
Preparation: 5035

Lab Sample ID:	LCS 240-66321/2-A	Analysis Batch:	240-66387	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-66321	Lab File ID:	YF112721.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.00 g
Analysis Date:	11/27/2012 2223	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/26/2012 1421			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	40000	43400	109	60 - 142	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	92	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Blank - Batch: 240-66387 **Method: 8015B**
Preparation: N/A

Lab Sample ID:	MB 240-66387/38	Analysis Batch:	240-66387	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF112738.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/28/2012 0918	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)	76	10 - 150

Method Blank - Batch: 240-66387 **Method: 8015B**
Preparation: 5030B

Lab Sample ID:	MB 240-66387/45	Analysis Batch:	240-66387	Instrument ID:	YPID
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	YF112745.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/28/2012 1400	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/28/2012 1400			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)	79	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-66387

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-66387/19	Analysis Batch:	240-66387	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF112719.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/27/2012 2105	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	111	111		

Method Reporting Limit Check - Batch: 240-66387

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-66387/30	Analysis Batch:	240-66387	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF112730.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/28/2012 0410	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	100	114	114		

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

Lab Control Sample - Batch: 240-66387

Method: 8015B
Preparation: N/A

Lab Sample ID:	LCS 240-66387/39	Analysis Batch:	240-66387	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF112739.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/28/2012 0958	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	825	103	60 - 142	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	88	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Control Sample - Batch: 240-66387

Method: 8015B
Preparation: 5030B

Lab Sample ID:	LCS 240-66387/46	Analysis Batch:	240-66387	Instrument ID:	YPID
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	YF112746.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/28/2012 1438	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/28/2012 1438			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	800	885	111	72 - 140	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	87	10 - 150

Method Reporting Limit Check - Batch: 240-66387

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-66387/61	Analysis Batch:	240-66387	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF112761.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/29/2012 0017	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	102	102	70 - 130	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	74	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Blank - Batch: 240-66394

Method: 8015B
Preparation: 3540C

Lab Sample ID:	MB 240-66394/10-A	Analysis Batch:	240-66605	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-66394	Lab File ID:	P5B28021.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/28/2012 2204	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/27/2012 0912			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

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	69	10 - 110

Lab Control Sample - Batch: 240-66394

Method: 8015B
Preparation: 3540C

Lab Sample ID:	LCS 240-66394/11-A	Analysis Batch:	240-66605	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-66394	Lab File ID:	P5B28022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/28/2012 2235	Units:	mg/Kg	Final Weight/Volume:	5 mL
Prep Date:	11/27/2012 0912			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	83.3	67.3	81	47 - 138	

Surrogate	% Rec	Acceptance Limits
n-Nonane	66	10 - 110

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-66394

Method: 8015B
Preparation: 3540C

MS Lab Sample ID:	240-17768-7	Analysis Batch:	240-66605	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-66394	Lab File ID:	P5B28031.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	30.21 g
Analysis Date:	11/29/2012 0308			Final Weight/Volume:	5 mL
Prep Date:	11/27/2012 0912			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17768-7	Analysis Batch:	240-66605	Instrument ID:	A2HP5R
Client Matrix:	Solid	Prep Batch:	240-66394	Lab File ID:	P5B28032.D
Dilution:	1.0	Leach Batch:	240-65974	Initial Weight/Volume:	29.82 g
Analysis Date:	11/29/2012 0338			Final Weight/Volume:	5 mL
Prep Date:	11/27/2012 0912			Injection Volume:	1 uL
Leach Date:	11/21/2012 1000			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel	72	74	10 - 199	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
n-Nonane	69	71	10 - 110

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-66394

Method: 8015B
Preparation: 3540C

MS Lab Sample ID:	240-17768-7	Units:	mg/Kg	MSD Lab Sample ID:	240-17768-7
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/29/2012 0308			Analysis Date:	11/29/2012 0338
Prep Date:	11/27/2012 0912			Prep Date:	11/27/2012 0912
Leach Date:	11/21/2012 1000			Leach Date:	11/21/2012 1000

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Diesel	55	82.8	83.8	115	118

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-66605

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-66605/4	Analysis Batch:	240-66605	Instrument ID:	A2HP5R
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5B28004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/28/2012 1329	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	100	116	116	70 - 130	

Surrogate	% Rec	Acceptance Limits
n-Nonane	106	70 - 130

Method Reporting Limit Check - Batch: 240-66605

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-66605/34	Analysis Batch:	240-66605	Instrument ID:	A2HP5R
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5B28034.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/29/2012 0439	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	100	112	112	70 - 130	

Surrogate	% Rec	Acceptance Limits
n-Nonane	105	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67061

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-67061/4	Analysis Batch:	240-67061	Instrument ID:	A2HP5R
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5B03004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/03/2012 1204	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	100	79.5	79	70 - 130	

Surrogate	% Rec	Acceptance Limits
n-Nonane	83	70 - 130

Method Reporting Limit Check - Batch: 240-67061

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-67061/11	Analysis Batch:	240-67061	Instrument ID:	A2HP5R
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5B03011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/03/2012 1626	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	100	85.8	86	70 - 130	

Surrogate	% Rec	Acceptance Limits
n-Nonane	85	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67287 **Method: 8015B**
Preparation: N/A

Lab Sample ID:	MRL 240-67287/27	Analysis Batch:	240-67287	Instrument ID:	A2HP5R
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5B04027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/05/2012 0201	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	100	102	102	70 - 130	

Surrogate	% Rec	Acceptance Limits
n-Nonane	103	70 - 130

Method Reporting Limit Check - Batch: 240-67287 **Method: 8015B**
Preparation: N/A

Lab Sample ID:	MRL 240-67287/31	Analysis Batch:	240-67287	Instrument ID:	A2HP5R
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P5B04031.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/05/2012 0402	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel	100	105	105	70 - 130	

Surrogate	% Rec	Acceptance Limits
n-Nonane	105	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Blank - Batch: 240-66777

Method: 8082/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-66777/20-A	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-66777	Lab File ID:	P1300020.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/04/2012 0557	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/29/2012 1128			Injection Volume:	1 mL
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	88	40 - 140
DCB Decachlorobiphenyl	93	60 - 125

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	83	40 - 140
DCB Decachlorobiphenyl	90	60 - 125

Lab Control Sample - Batch: 240-66777

Method: 8082/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-66777/21-A	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-66777	Lab File ID:	P1300030.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	12/04/2012 0826	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/29/2012 1128			Injection Volume:	1 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	245	74	40 - 140	
Aroclor-1260	333	265	79	60 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	75	40 - 140
DCB Decachlorobiphenyl	79	60 - 125

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	75	40 - 140
DCB Decachlorobiphenyl	75	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67173 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-67173/10	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/04/2012 0320	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0546	109	70 - 130	
Aroclor-1260	0.0500	0.0429	86	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	115	50 - 150
DCB Decachlorobiphenyl	108	50 - 150

Method Reporting Limit Check - Batch: 240-67173 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-67173/10	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/04/2012 0320	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 mL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0819	164	70 - 130	^
Aroclor-1260	0.0500	0.0551	110	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	114	50 - 150
DCB Decachlorobiphenyl	115	50 - 150

Method Reporting Limit Check - Batch: 240-67173 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-67173/32	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300032.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/04/2012 0856	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0550	110	70 - 130	
Aroclor-1260	0.0500	0.0438	88	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	107	50 - 150
DCB Decachlorobiphenyl	112	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Reporting Limit Check - Batch: 240-67173

Method: 8082/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-67173/32	Analysis Batch:	240-67173	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300032.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/04/2012 0856	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 mL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0594	119	70 - 130	
Aroclor-1260	0.0500	0.0559	112	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	115	50 - 150
DCB Decachlorobiphenyl	114	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Method Blank - Batch: 240-66302

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	MB 240-66302/1-A	Analysis Batch:	240-67078	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	11/30/2012 1420	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Hg	0.033	U	0.014	0.10

Lab Control Sample - Batch: 240-66302

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	LCS 240-66302/2-A	Analysis Batch:	240-67078	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-66302	Lab File ID:	113012A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	11/30/2012 1422	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/26/2012 1445				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hg	0.833	0.798	96	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Duplicate - Batch: 240-65747 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-17768-12	Analysis Batch:	240-65747	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:	11/20/2012 1115	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	84	84	0.5	20	
Percent Moisture	16	16	2	20	

Duplicate - Batch: 240-65747 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-17768-2	Analysis Batch:	240-65747	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:	11/20/2012 1115	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	81	82	1	20	
Percent Moisture	19	18	4	20	

Duplicate - Batch: 240-65747 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-17768-22	Analysis Batch:	240-65747	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:	11/20/2012 1133	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	88	88	0.2	20	
Percent Moisture	12	12	2	20	

DATA REPORTING QUALIFIERS

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Lab Section	Qualifier	Description
GC/MS 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
	Q	One or more quality control criteria failed.
	U	Undetected at the Limit of Detection.
GC/MS Semi VOA		
	B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	^	Instrument related QC exceeds the control limits
	M	Manual integrated compound.
	Q	One or more quality control criteria failed.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.
GC VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	M	Manual integrated compound.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.

DATA REPORTING QUALIFIERS

Client: Environmental Chemical Corp. Job Number: 240-17768-1

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.
	H	Sample was prepped or analyzed beyond the specified holding time
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.
Metals		
	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: 240-17768-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 240-65854					
240-17768-1	70SB-0011M-0001-SO	T	Solid	5035	
240-17768-3	70SB-0013M-0001-SO	T	Solid	5035	
240-17768-5	70SB-0015M-0001-SO	T	Solid	5035	
240-17768-6	70SB-0016M-0001-SO	T	Solid	5035	
240-17768-7	70SB-0017M-0001-SO	T	Solid	5035	
240-17768-9	076SB-0037M-0001-SO	T	Solid	5035	
240-17768-10	076SB-0038M-0001-SO	T	Solid	5035	
240-17768-11	076SB-0039M-0001-SO	T	Solid	5035	
240-17768-12	076SB-0040M-0001-SO	T	Solid	5035	
240-17768-13	076SB-0041M-0001-SO	T	Solid	5035	
240-17768-14	076SB-0042M-0001-SO	T	Solid	5035	
240-17768-15	076SB-0043M-0001-SO	T	Solid	5035	
240-17768-17	076SB-0030M-0001-SO	T	Solid	5035	
240-17768-18	076SB-0031M-0001-SO	T	Solid	5035	
240-17768-19	076SB-0032M-0001-SO	T	Solid	5035	
240-17768-20	076SB-0033M-0001-SO	T	Solid	5035	
240-17768-22	076SB-0035M-0001-SO	T	Solid	5035	
240-17768-23	076SB-0036M-0001-SO	T	Solid	5035	
Prep Batch: 240-65921					
LCS 240-65921/2-A	Lab Control Sample	T	Solid	5035	
MB 240-65921/1-A	Method Blank	T	Solid	5035	
240-17768-2	70SB-0012M-0001-SO	T	Solid	5035	
240-17768-4	70SB-0014M-0001-SO	T	Solid	5035	
240-17768-21	076SB-0034M-0001-SO	T	Solid	5035	
Analysis Batch:240-65929					
LCS 240-65929/4	Lab Control Sample	T	Water	8260B/DoD	
MB 240-65929/6	Method Blank	T	Water	8260B/DoD	
240-17768-8	70SB-0018-0001-TB	T	Water	8260B/DoD	
240-17768-16	076SB-0044-0001-TB	T	Water	8260B/DoD	
Analysis Batch:240-66063					
LCS 240-66063/16	Lab Control Sample	T	Solid	8260B/DoD	
MB 240-66063/17	Method Blank	T	Solid	8260B/DoD	
240-17768-1	70SB-0011M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-3	70SB-0013M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-5	70SB-0015M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-6	70SB-0016M-0001-SO	T	Solid	8260B/DoD	240-65854

Client: Environmental Chemical Corp. Job Number: 240-17768-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:240-66175					
LCS 240-66175/7	Lab Control Sample	T	Solid	8260B/DoD	
MB 240-66175/8	Method Blank	T	Solid	8260B/DoD	
LCS 240-65921/2-A	Lab Control Sample	T	Solid	8260B/DoD	240-65921
MB 240-65921/1-A	Method Blank	T	Solid	8260B/DoD	240-65921
240-17768-2	70SB-0012M-0001-SO	T	Solid	8260B/DoD	240-65921
240-17768-4	70SB-0014M-0001-SO	T	Solid	8260B/DoD	240-65921
240-17768-7	70SB-0017M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-9	076SB-0037M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-11	076SB-0039M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-13	076SB-0041M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-14	076SB-0042M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-15	076SB-0043M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-17	076SB-0030M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-18	076SB-0031M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-19	076SB-0032M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-20	076SB-0033M-0001-SO	T	Solid	8260B/DoD	240-65854
Analysis Batch:240-66239					
LCS 240-66239/7	Lab Control Sample	T	Solid	8260B/DoD	
MB 240-66239/8	Method Blank	T	Solid	8260B/DoD	
240-17768-10	076SB-0038M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-12	076SB-0040M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-21	076SB-0034M-0001-SO	T	Solid	8260B/DoD	240-65921
240-17768-22	076SB-0035M-0001-SO	T	Solid	8260B/DoD	240-65854
240-17768-23	076SB-0036M-0001-SO	T	Solid	8260B/DoD	240-65854

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17768-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-65974					
240-17768-1	70SB-0011M-0001-SO	T	Solid	Increment, Prep	
240-17768-1MS	Matrix Spike	T	Solid	Increment, Prep	
240-17768-1MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-17768-2	70SB-0012M-0001-SO	T	Solid	Increment, Prep	
240-17768-3	70SB-0013M-0001-SO	T	Solid	Increment, Prep	
240-17768-4	70SB-0014M-0001-SO	T	Solid	Increment, Prep	
240-17768-5	70SB-0015M-0001-SO	T	Solid	Increment, Prep	
240-17768-6	70SB-0016M-0001-SO	T	Solid	Increment, Prep	
240-17768-6MS	Matrix Spike	T	Solid	Increment, Prep	
240-17768-6MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-17768-7	70SB-0017M-0001-SO	T	Solid	Increment, Prep	
240-17768-9	076SB-0037M-0001-SO	T	Solid	Increment, Prep	
240-17768-10	076SB-0038M-0001-SO	T	Solid	Increment, Prep	
240-17768-11	076SB-0039M-0001-SO	T	Solid	Increment, Prep	
240-17768-12	076SB-0040M-0001-SO	T	Solid	Increment, Prep	
240-17768-13	076SB-0041M-0001-SO	T	Solid	Increment, Prep	
240-17768-14	076SB-0042M-0001-SO	T	Solid	Increment, Prep	
240-17768-15	076SB-0043M-0001-SO	T	Solid	Increment, Prep	
240-17768-17	076SB-0030M-0001-SO	T	Solid	Increment, Prep	
240-17768-18	076SB-0031M-0001-SO	T	Solid	Increment, Prep	
240-17768-19	076SB-0032M-0001-SO	T	Solid	Increment, Prep	
240-17768-20	076SB-0033M-0001-SO	T	Solid	Increment, Prep	
240-17768-21	076SB-0034M-0001-SO	T	Solid	Increment, Prep	
240-17768-22	076SB-0035M-0001-SO	T	Solid	Increment, Prep	
240-17768-23	076SB-0036M-0001-SO	T	Solid	Increment, Prep	
240-17768-23MS	Matrix Spike	T	Solid	Increment, Prep	
240-17768-23MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
Prep Batch: 240-66227					
LCS 240-66227/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-66227/23-A	Method Blank	T	Solid	3540C	
240-17768-2	70SB-0012M-0001-SO	T	Solid	3540C	240-65974
240-17768-3	70SB-0013M-0001-SO	T	Solid	3540C	240-65974
240-17768-4	70SB-0014M-0001-SO	T	Solid	3540C	240-65974
240-17768-5	70SB-0015M-0001-SO	T	Solid	3540C	240-65974
240-17768-6	70SB-0016M-0001-SO	T	Solid	3540C	240-65974
240-17768-6MS	Matrix Spike	T	Solid	3540C	240-65974
240-17768-6MSD	Matrix Spike Duplicate	T	Solid	3540C	240-65974
Prep Batch: 240-66237					
LCS 240-66237/13-A	Lab Control Sample	T	Solid	3540C	
MB 240-66237/12-A	Method Blank	T	Solid	3540C	
240-17768-1	70SB-0011M-0001-SO	T	Solid	3540C	240-65974
240-17768-1MS	Matrix Spike	T	Solid	3540C	240-65974
240-17768-1MSD	Matrix Spike Duplicate	T	Solid	3540C	240-65974

Client: Environmental Chemical Corp. Job Number: 240-17768-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-66397					
LCS 240-66397/19-A	Lab Control Sample	T	Solid	3540C	
MB 240-66397/18-A	Method Blank	T	Solid	3540C	
240-17768-7	70SB-0017M-0001-SO	T	Solid	3540C	240-65974
240-17768-9	076SB-0037M-0001-SO	T	Solid	3540C	240-65974
240-17768-10	076SB-0038M-0001-SO	T	Solid	3540C	240-65974
240-17768-11	076SB-0039M-0001-SO	T	Solid	3540C	240-65974
240-17768-12	076SB-0040M-0001-SO	T	Solid	3540C	240-65974
240-17768-13	076SB-0041M-0001-SO	T	Solid	3540C	240-65974
240-17768-14	076SB-0042M-0001-SO	T	Solid	3540C	240-65974
240-17768-15	076SB-0043M-0001-SO	T	Solid	3540C	240-65974
240-17768-17	076SB-0030M-0001-SO	T	Solid	3540C	240-65974
240-17768-18	076SB-0031M-0001-SO	T	Solid	3540C	240-65974
240-17768-19	076SB-0032M-0001-SO	T	Solid	3540C	240-65974
240-17768-20	076SB-0033M-0001-SO	T	Solid	3540C	240-65974
240-17768-21	076SB-0034M-0001-SO	T	Solid	3540C	240-65974
240-17768-22	076SB-0035M-0001-SO	T	Solid	3540C	240-65974
240-17768-23	076SB-0036M-0001-SO	T	Solid	3540C	240-65974
240-17768-23MS	Matrix Spike	T	Solid	3540C	240-65974
240-17768-23MSD	Matrix Spike Duplicate	T	Solid	3540C	240-65974
Analysis Batch:240-66878					
LCS 240-66397/19-A	Lab Control Sample	T	Solid	8270C/DoD	240-66397
MB 240-66397/18-A	Method Blank	T	Solid	8270C/DoD	240-66397
240-17768-7	70SB-0017M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-9	076SB-0037M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-10	076SB-0038M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-11	076SB-0039M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-12	076SB-0040M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-13	076SB-0041M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-14	076SB-0042M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-15	076SB-0043M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-17	076SB-0030M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-18	076SB-0031M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-19	076SB-0032M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-20	076SB-0033M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-21	076SB-0034M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-22	076SB-0035M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-23	076SB-0036M-0001-SO	T	Solid	8270C/DoD	240-66397
240-17768-23MS	Matrix Spike	T	Solid	8270C/DoD	240-66397
240-17768-23MSD	Matrix Spike Duplicate	T	Solid	8270C/DoD	240-66397

Client: Environmental Chemical Corp. Job Number: 240-17768-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:240-67052					
LCS 240-66237/13-A	Lab Control Sample	T	Solid	8270C/DoD	240-66237
240-17768-1	70SB-0011M-0001-SO	T	Solid	8270C/DoD	240-66237
240-17768-1MS	Matrix Spike	T	Solid	8270C/DoD	240-66237
240-17768-1MSD	Matrix Spike Duplicate	T	Solid	8270C/DoD	240-66237
Analysis Batch:240-67225					
MB 240-66237/12-A	Method Blank	T	Solid	8270C/DoD	240-66237
Analysis Batch:240-67390					
LCS 240-66227/24-A	Lab Control Sample	T	Solid	8270C/DoD	240-66227
MB 240-66227/23-A	Method Blank	T	Solid	8270C/DoD	240-66227
240-17768-2	70SB-0012M-0001-SO	T	Solid	8270C/DoD	240-66227
240-17768-3	70SB-0013M-0001-SO	T	Solid	8270C/DoD	240-66227
240-17768-4	70SB-0014M-0001-SO	T	Solid	8270C/DoD	240-66227
240-17768-5	70SB-0015M-0001-SO	T	Solid	8270C/DoD	240-66227
240-17768-6	70SB-0016M-0001-SO	T	Solid	8270C/DoD	240-66227
240-17768-6MS	Matrix Spike	T	Solid	8270C/DoD	240-66227
240-17768-6MSD	Matrix Spike Duplicate	T	Solid	8270C/DoD	240-66227

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17768-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 240-66321					
LCS 240-66321/2-A	Lab Control Sample	T	Solid	5035	
MB 240-66321/1-A	Method Blank	T	Solid	5035	
240-17768-2	70SB-0012M-0001-SO	T	Solid	5035	
240-17768-4	70SB-0014M-0001-SO	T	Solid	5035	
Analysis Batch:240-66387					
LCS 240-66387/39	Lab Control Sample	T	Solid	8015B	
MB 240-66387/38	Method Blank	T	Solid	8015B	
LCS 240-66387/46	Lab Control Sample	T	Water	8015B	
MB 240-66387/45	Method Blank	T	Water	8015B	
LCS 240-66321/2-A	Lab Control Sample	T	Solid	8015B	240-66321
MB 240-66321/1-A	Method Blank	T	Solid	8015B	240-66321
240-17768-1	70SB-0011M-0001-SO	T	Solid	8015B	240-66556
240-17768-2	70SB-0012M-0001-SO	T	Solid	8015B	240-66321
240-17768-3	70SB-0013M-0001-SO	T	Solid	8015B	240-66556
240-17768-4	70SB-0014M-0001-SO	T	Solid	8015B	240-66321
240-17768-5	70SB-0015M-0001-SO	T	Solid	8015B	240-66556
240-17768-6	70SB-0016M-0001-SO	T	Solid	8015B	240-66556
240-17768-7	70SB-0017M-0001-SO	T	Solid	8015B	240-66556
240-17768-8	70SB-0018-0001-TB	T	Water	8015B	
Prep Batch: 240-66556					
240-17768-1	70SB-0011M-0001-SO	T	Solid	5035	
240-17768-3	70SB-0013M-0001-SO	T	Solid	5035	
240-17768-5	70SB-0015M-0001-SO	T	Solid	5035	
240-17768-6	70SB-0016M-0001-SO	T	Solid	5035	
240-17768-7	70SB-0017M-0001-SO	T	Solid	5035	

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17768-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-65974					
240-17768-1	70SB-0011M-0001-SO	T	Solid	Increment, Prep	
240-17768-2	70SB-0012M-0001-SO	T	Solid	Increment, Prep	
240-17768-3	70SB-0013M-0001-SO	T	Solid	Increment, Prep	
240-17768-4	70SB-0014M-0001-SO	T	Solid	Increment, Prep	
240-17768-5	70SB-0015M-0001-SO	T	Solid	Increment, Prep	
240-17768-6	70SB-0016M-0001-SO	T	Solid	Increment, Prep	
240-17768-7	70SB-0017M-0001-SO	T	Solid	Increment, Prep	
240-17768-7MS	Matrix Spike	T	Solid	Increment, Prep	
240-17768-7MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-17768-9	076SB-0037M-0001-SO	T	Solid	Increment, Prep	
240-17768-10	076SB-0038M-0001-SO	T	Solid	Increment, Prep	
240-17768-11	076SB-0039M-0001-SO	T	Solid	Increment, Prep	
240-17768-12	076SB-0040M-0001-SO	T	Solid	Increment, Prep	
240-17768-13	076SB-0041M-0001-SO	T	Solid	Increment, Prep	
240-17768-14	076SB-0042M-0001-SO	T	Solid	Increment, Prep	
240-17768-15	076SB-0043M-0001-SO	T	Solid	Increment, Prep	
Prep Batch: 240-66394					
LCS 240-66394/11-A	Lab Control Sample	T	Solid	3540C	
MB 240-66394/10-A	Method Blank	T	Solid	3540C	
240-17768-1	70SB-0011M-0001-SO	T	Solid	3540C	240-65974
240-17768-2	70SB-0012M-0001-SO	T	Solid	3540C	240-65974
240-17768-3	70SB-0013M-0001-SO	T	Solid	3540C	240-65974
240-17768-4	70SB-0014M-0001-SO	T	Solid	3540C	240-65974
240-17768-5	70SB-0015M-0001-SO	T	Solid	3540C	240-65974
240-17768-6	70SB-0016M-0001-SO	T	Solid	3540C	240-65974
240-17768-7	70SB-0017M-0001-SO	T	Solid	3540C	240-65974
240-17768-7MS	Matrix Spike	T	Solid	3540C	240-65974
240-17768-7MSD	Matrix Spike Duplicate	T	Solid	3540C	240-65974
Analysis Batch:240-66605					
LCS 240-66394/11-A	Lab Control Sample	T	Solid	8015B	240-66394
MB 240-66394/10-A	Method Blank	T	Solid	8015B	240-66394
240-17768-2	70SB-0012M-0001-SO	T	Solid	8015B	240-66394
240-17768-5	70SB-0015M-0001-SO	T	Solid	8015B	240-66394
240-17768-6	70SB-0016M-0001-SO	T	Solid	8015B	240-66394
240-17768-7	70SB-0017M-0001-SO	T	Solid	8015B	240-66394
240-17768-7MS	Matrix Spike	T	Solid	8015B	240-66394
240-17768-7MSD	Matrix Spike Duplicate	T	Solid	8015B	240-66394

Client: Environmental Chemical Corp. Job Number: 240-17768-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-66777					
LCS 240-66777/21-A	Lab Control Sample	T	Solid	3540C	
MB 240-66777/20-A	Method Blank	T	Solid	3540C	
240-17768-9	076SB-0037M-0001-SO	T	Solid	3540C	240-65974
240-17768-10	076SB-0038M-0001-SO	T	Solid	3540C	240-65974
240-17768-11	076SB-0039M-0001-SO	T	Solid	3540C	240-65974
240-17768-12	076SB-0040M-0001-SO	T	Solid	3540C	240-65974
240-17768-13	076SB-0041M-0001-SO	T	Solid	3540C	240-65974
240-17768-14	076SB-0042M-0001-SO	T	Solid	3540C	240-65974
240-17768-15	076SB-0043M-0001-SO	T	Solid	3540C	240-65974
Analysis Batch:240-67061					
240-17768-1	70SB-0011M-0001-SO	T	Solid	8015B	240-66394
240-17768-4	70SB-0014M-0001-SO	T	Solid	8015B	240-66394
Analysis Batch:240-67173					
LCS 240-66777/21-A	Lab Control Sample	T	Solid	8082/DOD	240-66777
MB 240-66777/20-A	Method Blank	T	Solid	8082/DOD	240-66777
240-17768-9	076SB-0037M-0001-SO	T	Solid	8082/DOD	240-66777
240-17768-10	076SB-0038M-0001-SO	T	Solid	8082/DOD	240-66777
240-17768-11	076SB-0039M-0001-SO	T	Solid	8082/DOD	240-66777
240-17768-12	076SB-0040M-0001-SO	T	Solid	8082/DOD	240-66777
240-17768-13	076SB-0041M-0001-SO	T	Solid	8082/DOD	240-66777
240-17768-14	076SB-0042M-0001-SO	T	Solid	8082/DOD	240-66777
240-17768-15	076SB-0043M-0001-SO	T	Solid	8082/DOD	240-66777
Analysis Batch:240-67287					
240-17768-3	70SB-0013M-0001-SO	T	Solid	8015B	240-66394

Report Basis

T = Total

Client: Environmental Chemical Corp. Job Number: 240-17768-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-65974					
240-17768-9	076SB-0037M-0001-SO	T	Solid	Increment, Prep	
240-17768-10	076SB-0038M-0001-SO	T	Solid	Increment, Prep	
240-17768-11	076SB-0039M-0001-SO	T	Solid	Increment, Prep	
240-17768-12	076SB-0040M-0001-SO	T	Solid	Increment, Prep	
240-17768-13	076SB-0041M-0001-SO	T	Solid	Increment, Prep	
240-17768-14	076SB-0042M-0001-SO	T	Solid	Increment, Prep	
240-17768-15	076SB-0043M-0001-SO	T	Solid	Increment, Prep	
240-17768-17	076SB-0030M-0001-SO	T	Solid	Increment, Prep	
240-17768-18	076SB-0031M-0001-SO	T	Solid	Increment, Prep	
240-17768-19	076SB-0032M-0001-SO	T	Solid	Increment, Prep	
240-17768-20	076SB-0033M-0001-SO	T	Solid	Increment, Prep	
240-17768-21	076SB-0034M-0001-SO	T	Solid	Increment, Prep	
240-17768-22	076SB-0035M-0001-SO	T	Solid	Increment, Prep	
240-17768-23	076SB-0036M-0001-SO	T	Solid	Increment, Prep	
Prep Batch: 240-66302					
LCS 240-66302/2-A	Lab Control Sample	T	Solid	7471A	
MB 240-66302/1-A	Method Blank	T	Solid	7471A	
240-17768-9	076SB-0037M-0001-SO	T	Solid	7471A	240-65974
240-17768-10	076SB-0038M-0001-SO	T	Solid	7471A	240-65974
240-17768-11	076SB-0039M-0001-SO	T	Solid	7471A	240-65974
240-17768-12	076SB-0040M-0001-SO	T	Solid	7471A	240-65974
240-17768-13	076SB-0041M-0001-SO	T	Solid	7471A	240-65974
240-17768-14	076SB-0042M-0001-SO	T	Solid	7471A	240-65974
240-17768-15	076SB-0043M-0001-SO	T	Solid	7471A	240-65974
240-17768-17	076SB-0030M-0001-SO	T	Solid	7471A	240-65974
240-17768-18	076SB-0031M-0001-SO	T	Solid	7471A	240-65974
240-17768-19	076SB-0032M-0001-SO	T	Solid	7471A	240-65974
240-17768-20	076SB-0033M-0001-SO	T	Solid	7471A	240-65974
240-17768-21	076SB-0034M-0001-SO	T	Solid	7471A	240-65974
240-17768-22	076SB-0035M-0001-SO	T	Solid	7471A	240-65974
240-17768-23	076SB-0036M-0001-SO	T	Solid	7471A	240-65974

Client: Environmental Chemical Corp. Job Number: 240-17768-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-67078					
LCS 240-66302/2-A	Lab Control Sample	T	Solid	7471/DOD	240-66302
MB 240-66302/1-A	Method Blank	T	Solid	7471/DOD	240-66302
240-17768-9	076SB-0037M-0001-SO	T	Solid	7471/DOD	240-66302
240-17768-10	076SB-0038M-0001-SO	T	Solid	7471/DOD	240-66302
240-17768-11	076SB-0039M-0001-SO	T	Solid	7471/DOD	240-66302
240-17768-12	076SB-0040M-0001-SO	T	Solid	7471/DOD	240-66302
240-17768-13	076SB-0041M-0001-SO	T	Solid	7471/DOD	240-66302
240-17768-14	076SB-0042M-0001-SO	T	Solid	7471/DOD	240-66302
240-17768-15	076SB-0043M-0001-SO	T	Solid	7471/DOD	240-66302
240-17768-17	076SB-0030M-0001-SO	T	Solid	7471/DOD	240-66302
240-17768-18	076SB-0031M-0001-SO	T	Solid	7471/DOD	240-66302
240-17768-19	076SB-0032M-0001-SO	T	Solid	7471/DOD	240-66302
240-17768-20	076SB-0033M-0001-SO	T	Solid	7471/DOD	240-66302
240-17768-21	076SB-0034M-0001-SO	T	Solid	7471/DOD	240-66302
240-17768-22	076SB-0035M-0001-SO	T	Solid	7471/DOD	240-66302
240-17768-23	076SB-0036M-0001-SO	T	Solid	7471/DOD	240-66302

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17768-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-65747					
240-17768-1	70SB-0011M-0001-SO	T	Solid	Moisture	
240-17768-2	70SB-0012M-0001-SO	T	Solid	Moisture	
240-17768-2DU	Duplicate	T	Solid	Moisture	
240-17768-3	70SB-0013M-0001-SO	T	Solid	Moisture	
240-17768-4	70SB-0014M-0001-SO	T	Solid	Moisture	
240-17768-5	70SB-0015M-0001-SO	T	Solid	Moisture	
240-17768-6	70SB-0016M-0001-SO	T	Solid	Moisture	
240-17768-7	70SB-0017M-0001-SO	T	Solid	Moisture	
240-17768-9	076SB-0037M-0001-SO	T	Solid	Moisture	
240-17768-10	076SB-0038M-0001-SO	T	Solid	Moisture	
240-17768-11	076SB-0039M-0001-SO	T	Solid	Moisture	
240-17768-12	076SB-0040M-0001-SO	T	Solid	Moisture	
240-17768-12DU	Duplicate	T	Solid	Moisture	
240-17768-13	076SB-0041M-0001-SO	T	Solid	Moisture	
240-17768-14	076SB-0042M-0001-SO	T	Solid	Moisture	
240-17768-15	076SB-0043M-0001-SO	T	Solid	Moisture	
240-17768-17	076SB-0030M-0001-SO	T	Solid	Moisture	
240-17768-18	076SB-0031M-0001-SO	T	Solid	Moisture	
240-17768-19	076SB-0032M-0001-SO	T	Solid	Moisture	
240-17768-20	076SB-0033M-0001-SO	T	Solid	Moisture	
240-17768-21	076SB-0034M-0001-SO	T	Solid	Moisture	
240-17768-22	076SB-0035M-0001-SO	T	Solid	Moisture	
240-17768-22DU	Duplicate	T	Solid	Moisture	
240-17768-23	076SB-0036M-0001-SO	T	Solid	Moisture	

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Laboratory Chronicle

Lab ID: 240-17768-1 **Client ID: 70SB-0011M-0001-SO**

Sample Date/Time: 11/14/2012 12:50 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-1-A		240-66063	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-1-A		240-66063	240-65854	11/23/2012 19:31	1	TAL NC	SM
P:3540C	240-17768-H-1-B		240-67052	240-66237	11/26/2012 09:49	4	TAL NC	AC
A:8270C/DoD	240-17768-H-1-B		240-67052	240-66237	12/03/2012 16:47	4	TAL NC	JG
P:5035	240-17768-E-1-A		240-66387	240-66556	11/15/2012 21:00	1	TAL NC	HMB
A:8015B	240-17768-E-1-A		240-66387	240-66556	11/28/2012 22:59	1	TAL NC	HMB
P:3540C	240-17768-H-1-E		240-67061	240-66394	11/27/2012 09:12	1	TAL NC	AC
A:8015B	240-17768-H-1-E		240-67061	240-66394	12/03/2012 13:36	1	TAL NC	DB
A:Moisture	240-17768-G-1		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-1 MS **Client ID: 70SB-0011M-0001-SO**

Sample Date/Time: 11/14/2012 12:50 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17768-H-1-C MS		240-67052	240-66237	11/26/2012 09:49	4	TAL NC	AC
A:8270C/DoD	240-17768-H-1-C MS		240-67052	240-66237	12/03/2012 17:10	4	TAL NC	JG

Lab ID: 240-17768-1 MSD **Client ID: 70SB-0011M-0001-SO**

Sample Date/Time: 11/14/2012 12:50 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17768-H-1-D MSD		240-67052	240-66237	11/26/2012 09:49	4	TAL NC	AC
A:8270C/DoD	240-17768-H-1-D MSD		240-67052	240-66237	12/03/2012 17:34	4	TAL NC	JG

Lab ID: 240-17768-2 **Client ID: 70SB-0012M-0001-SO**

Sample Date/Time: 11/14/2012 12:50 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-A-2-A		240-66175	240-65921	11/21/2012 11:03	2	TAL NC	LM
A:8260B/DoD	240-17768-A-2-A		240-66175	240-65921	11/25/2012 12:30	2	TAL NC	SM
P:3540C	240-17768-H-2-B		240-67390	240-66227	11/26/2012 09:35	20	TAL NC	AC
A:8270C/DoD	240-17768-H-2-B		240-67390	240-66227	12/05/2012 15:44	20	TAL NC	JG
P:5035	240-17768-D-2-A		240-66387	240-66321	11/26/2012 14:21	10	TAL NC	HMB
A:8015B	240-17768-D-2-A		240-66387	240-66321	11/27/2012 23:40	10	TAL NC	HMB
P:3540C	240-17768-H-2-C		240-66605	240-66394	11/27/2012 09:12	10	TAL NC	AC
A:8015B	240-17768-H-2-C		240-66605	240-66394	11/28/2012 23:35	10	TAL NC	DB
A:Moisture	240-17768-G-2		240-65747		11/20/2012 11:15	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Laboratory Chronicle

Lab ID: 240-17768-2 DU **Client ID: 70SB-0012M-0001-SO**

Sample Date/Time: 11/14/2012 12:50 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-17768-G-2 DU		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-3 **Client ID: 70SB-0013M-0001-SO**

Sample Date/Time: 11/14/2012 11:00 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-3-A		240-66063	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-3-A		240-66063	240-65854	11/23/2012 19:53	1	TAL NC	SM
P:3540C	240-17768-H-3-B		240-67390	240-66227	11/26/2012 09:35	5	TAL NC	AC
A:8270C/DoD	240-17768-H-3-B		240-67390	240-66227	12/05/2012 16:08	5	TAL NC	JG
P:5035	240-17768-B-3-C		240-66387	240-66556	11/15/2012 21:00	1	TAL NC	HMB
A:8015B	240-17768-B-3-C		240-66387	240-66556	11/28/2012 11:25	1	TAL NC	HMB
P:3540C	240-17768-H-3-C		240-67287	240-66394	11/27/2012 09:12	1	TAL NC	AC
A:8015B	240-17768-H-3-C		240-67287	240-66394	12/05/2012 03:01	1	TAL NC	DB
A:Moisture	240-17768-G-3		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-4 **Client ID: 70SB-0014M-0001-SO**

Sample Date/Time: 11/14/2012 09:35 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-A-4-A		240-66175	240-65921	11/21/2012 11:03	1	TAL NC	LM
A:8260B/DoD	240-17768-A-4-A		240-66175	240-65921	11/25/2012 12:09	1	TAL NC	SM
P:3540C	240-17768-H-4-B		240-67390	240-66227	11/26/2012 09:35	20	TAL NC	AC
A:8270C/DoD	240-17768-H-4-B		240-67390	240-66227	12/05/2012 15:21	20	TAL NC	JG
P:5035	240-17768-D-4-A		240-66387	240-66321	11/26/2012 14:21	10	TAL NC	HMB
A:8015B	240-17768-D-4-A		240-66387	240-66321	11/28/2012 00:57	10	TAL NC	HMB
P:3540C	240-17768-H-4-C		240-67061	240-66394	11/27/2012 09:12	100	TAL NC	AC
A:8015B	240-17768-H-4-C		240-67061	240-66394	12/03/2012 14:38	100	TAL NC	DB
A:Moisture	240-17768-G-4		240-65747		11/20/2012 11:15	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Laboratory Chronicle

Lab ID: 240-17768-5 **Client ID: 70SB-0015M-0001-SO**

Sample Date/Time: 11/14/2012 13:00 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-5-A		240-66063	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-5-A		240-66063	240-65854	11/23/2012 20:14	1	TAL NC	SM
P:3540C	240-17768-H-5-B		240-67390	240-66227	11/26/2012 09:35	5	TAL NC	AC
A:8270C/DoD	240-17768-H-5-B		240-67390	240-66227	12/05/2012 16:31	5	TAL NC	JG
P:5035	240-17768-B-5-C		240-66387	240-66556	11/15/2012 21:00	1	TAL NC	HMB
A:8015B	240-17768-B-5-C		240-66387	240-66556	11/28/2012 12:04	1	TAL NC	HMB
P:3540C	240-17768-H-5-C		240-66605	240-66394	11/27/2012 09:12	1	TAL NC	AC
A:8015B	240-17768-H-5-C		240-66605	240-66394	11/29/2012 01:06	1	TAL NC	DB
A:Moisture	240-17768-G-5		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-6 **Client ID: 70SB-0016M-0001-SO**

Sample Date/Time: 11/14/2012 11:50 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-6-A		240-66063	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-6-A		240-66063	240-65854	11/23/2012 20:36	1	TAL NC	SM
P:3540C	240-17768-H-6-B		240-67390	240-66227	11/26/2012 09:35	10	TAL NC	AC
A:8270C/DoD	240-17768-H-6-B		240-67390	240-66227	12/05/2012 11:06	10	TAL NC	JG
P:5035	240-17768-B-6-C		240-66387	240-66556	11/15/2012 21:00	1	TAL NC	HMB
A:8015B	240-17768-B-6-C		240-66387	240-66556	11/28/2012 12:43	1	TAL NC	HMB
P:3540C	240-17768-H-6-E		240-66605	240-66394	11/27/2012 09:12	1	TAL NC	AC
A:8015B	240-17768-H-6-E		240-66605	240-66394	11/29/2012 01:37	1	TAL NC	DB
A:Moisture	240-17768-G-6		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-6 MS **Client ID: 70SB-0016M-0001-SO**

Sample Date/Time: 11/14/2012 11:50 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17768-H-6-C MS		240-67390	240-66227	11/26/2012 09:35	10	TAL NC	AC
A:8270C/DoD	240-17768-H-6-C MS		240-67390	240-66227	12/05/2012 11:29	10	TAL NC	JG

Lab ID: 240-17768-6 MSD **Client ID: 70SB-0016M-0001-SO**

Sample Date/Time: 11/14/2012 11:50 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17768-H-6-D MSD		240-67390	240-66227	11/26/2012 09:35	10	TAL NC	AC
A:8270C/DoD	240-17768-H-6-D MSD		240-67390	240-66227	12/05/2012 11:52	10	TAL NC	JG

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Laboratory Chronicle

Lab ID: 240-17768-7 **Client ID: 70SB-0017M-0001-SO**

Sample Date/Time: 11/14/2012 12:15 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-7-A		240-66175	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-7-A		240-66175	240-65854	11/25/2012 14:39	1	TAL NC	SM
P:3540C	240-17768-H-7-E		240-66878	240-66397	11/27/2012 09:22	5	TAL NC	AC
A:8270C/DoD	240-17768-H-7-E		240-66878	240-66397	11/30/2012 11:34	5	TAL NC	JG
P:5035	240-17768-B-7-C		240-66387	240-66556	11/15/2012 21:00	1	TAL NC	HMB
A:8015B	240-17768-B-7-C		240-66387	240-66556	11/28/2012 13:22	1	TAL NC	HMB
P:3540C	240-17768-H-7-B		240-66605	240-66394	11/27/2012 09:12	1	TAL NC	AC
A:8015B	240-17768-H-7-B		240-66605	240-66394	11/29/2012 02:38	1	TAL NC	DB
A:Moisture	240-17768-G-7		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-7 MS **Client ID: 70SB-0017M-0001-SO**

Sample Date/Time: 11/14/2012 12:15 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17768-H-7-C MS		240-66605	240-66394	11/27/2012 09:12	1	TAL NC	AC
A:8015B	240-17768-H-7-C MS		240-66605	240-66394	11/29/2012 03:08	1	TAL NC	DB

Lab ID: 240-17768-7 MSD **Client ID: 70SB-0017M-0001-SO**

Sample Date/Time: 11/14/2012 12:15 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17768-H-7-D MSD		240-66605	240-66394	11/27/2012 09:12	1	TAL NC	AC
A:8015B	240-17768-H-7-D MSD		240-66605	240-66394	11/29/2012 03:38	1	TAL NC	DB

Lab ID: 240-17768-8 **Client ID: 70SB-0018-0001-TB**

Sample Date/Time: 11/14/2012 08:00 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-17768-A-8		240-65929		11/21/2012 13:25	1	TAL NC	RQ
A:8260B/DoD	240-17768-A-8		240-65929		11/21/2012 13:25	1	TAL NC	RQ
P:5030B	240-17768-B-8		240-66387		11/28/2012 15:18	1	TAL NC	HMB
A:8015B	240-17768-B-8		240-66387		11/28/2012 15:18	1	TAL NC	HMB

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Laboratory Chronicle

Lab ID: 240-17768-9 **Client ID: 076SB-0037M-0001-SO**

Sample Date/Time: 11/14/2012 15:50 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-9-A		240-66175	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-9-A		240-66175	240-65854	11/25/2012 15:01	1	TAL NC	SM
P:3540C	240-17768-E-9-D		240-66878	240-66397	11/27/2012 09:22	1	TAL NC	AC
A:8270C/DoD	240-17768-E-9-D		240-66878	240-66397	11/30/2012 15:51	1	TAL NC	JG
P:3540C	240-17768-E-9-F		240-67173	240-66777	11/29/2012 11:28	1	TAL NC	AC
A:8082/DOD	240-17768-E-9-F		240-67173	240-66777	12/04/2012 03:43	1	TAL NC	LH
P:7471A	240-17768-E-9-C		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17768-E-9-C		240-67078	240-66302	11/30/2012 14:54	1	TAL NC	DH
A:Moisture	240-17768-D-9		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-10 **Client ID: 076SB-0038M-0001-SO**

Sample Date/Time: 11/14/2012 15:50 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-C-10-A		240-66239	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-C-10-A		240-66239	240-65854	11/26/2012 15:20	1	TAL NC	SM
P:3540C	240-17768-E-10-D		240-66878	240-66397	11/27/2012 09:22	1	TAL NC	AC
A:8270C/DoD	240-17768-E-10-D		240-66878	240-66397	11/30/2012 14:41	1	TAL NC	JG
P:3540C	240-17768-E-10-F		240-67173	240-66777	11/29/2012 11:28	1	TAL NC	AC
A:8082/DOD	240-17768-E-10-F		240-67173	240-66777	12/04/2012 03:58	1	TAL NC	LH
P:7471A	240-17768-E-10-C		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17768-E-10-C		240-67078	240-66302	11/30/2012 14:36	1	TAL NC	DH
A:Moisture	240-17768-D-10		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-11 **Client ID: 076SB-0039M-0001-SO**

Sample Date/Time: 11/14/2012 15:00 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-11-A		240-66175	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-11-A		240-66175	240-65854	11/25/2012 15:44	1	TAL NC	SM
P:3540C	240-17768-E-11-D		240-66878	240-66397	11/27/2012 09:22	1	TAL NC	AC
A:8270C/DoD	240-17768-E-11-D		240-66878	240-66397	11/30/2012 16:14	1	TAL NC	JG
P:3540C	240-17768-E-11-F		240-67173	240-66777	11/29/2012 11:28	1	TAL NC	AC
A:8082/DOD	240-17768-E-11-F		240-67173	240-66777	12/04/2012 04:12	1	TAL NC	LH
P:7471A	240-17768-E-11-C		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17768-E-11-C		240-67078	240-66302	11/30/2012 14:32	1	TAL NC	DH
A:Moisture	240-17768-D-11		240-65747		11/20/2012 11:15	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Laboratory Chronicle

Lab ID: 240-17768-12 **Client ID: 076SB-0040M-0001-SO**

Sample Date/Time: 11/14/2012 15:20 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-C-12-A		240-66239	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-C-12-A		240-66239	240-65854	11/26/2012 16:03	1	TAL NC	SM
P:3540C	240-17768-E-12-D		240-66878	240-66397	11/27/2012 09:22	5	TAL NC	AC
A:8270C/DoD	240-17768-E-12-D		240-66878	240-66397	11/30/2012 11:57	5	TAL NC	JG
P:3540C	240-17768-E-12-F		240-67173	240-66777	11/29/2012 11:28	1	TAL NC	AC
A:8082/DOD	240-17768-E-12-F		240-67173	240-66777	12/04/2012 04:28	1	TAL NC	LH
P:7471A	240-17768-E-12-C		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17768-E-12-C		240-67078	240-66302	11/30/2012 14:38	1	TAL NC	DH
A:Moisture	240-17768-D-12		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-12 DU **Client ID: 076SB-0040M-0001-SO**

Sample Date/Time: 11/14/2012 15:20 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-17768-D-12 DU		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-13 **Client ID: 076SB-0041M-0001-SO**

Sample Date/Time: 11/14/2012 15:30 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-13-A		240-66175	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-13-A		240-66175	240-65854	11/25/2012 16:27	1	TAL NC	SM
P:3540C	240-17768-E-13-D		240-66878	240-66397	11/27/2012 09:22	1	TAL NC	AC
A:8270C/DoD	240-17768-E-13-D		240-66878	240-66397	11/30/2012 15:28	1	TAL NC	JG
P:3540C	240-17768-E-13-F		240-67173	240-66777	11/29/2012 11:28	1	TAL NC	AC
A:8082/DOD	240-17768-E-13-F		240-67173	240-66777	12/04/2012 04:42	1	TAL NC	LH
P:7471A	240-17768-E-13-C		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17768-E-13-C		240-67078	240-66302	11/30/2012 14:57	1	TAL NC	DH
A:Moisture	240-17768-D-13		240-65747		11/20/2012 11:15	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Laboratory Chronicle

Lab ID: 240-17768-14 **Client ID: 076SB-0042M-0001-SO**

Sample Date/Time: 11/14/2012 15:45 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-14-A		240-66175	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-14-A		240-66175	240-65854	11/25/2012 16:48	1	TAL NC	SM
P:3540C	240-17768-E-14-D		240-66878	240-66397	11/27/2012 09:22	1	TAL NC	AC
A:8270C/DoD	240-17768-E-14-D		240-66878	240-66397	11/30/2012 16:38	1	TAL NC	JG
P:3540C	240-17768-E-14-F		240-67173	240-66777	11/29/2012 11:28	1	TAL NC	AC
A:8082/DOD	240-17768-E-14-F		240-67173	240-66777	12/04/2012 04:57	1	TAL NC	LH
P:7471A	240-17768-E-14-C		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17768-E-14-C		240-67078	240-66302	11/30/2012 14:49	1	TAL NC	DH
A:Moisture	240-17768-D-14		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-15 **Client ID: 076SB-0043M-0001-SO**

Sample Date/Time: 11/14/2012 15:55 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-15-A		240-66175	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-15-A		240-66175	240-65854	11/25/2012 17:10	1	TAL NC	SM
P:3540C	240-17768-E-15-D		240-66878	240-66397	11/27/2012 09:22	5	TAL NC	AC
A:8270C/DoD	240-17768-E-15-D		240-66878	240-66397	11/30/2012 13:31	5	TAL NC	JG
P:3540C	240-17768-E-15-F		240-67173	240-66777	11/29/2012 11:28	1	TAL NC	AC
A:8082/DOD	240-17768-E-15-F		240-67173	240-66777	12/04/2012 05:12	1	TAL NC	LH
P:7471A	240-17768-E-15-C		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17768-E-15-C		240-67078	240-66302	11/30/2012 14:47	1	TAL NC	DH
A:Moisture	240-17768-D-15		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-16 **Client ID: 076SB-0044-0001-TB**

Sample Date/Time: 11/14/2012 08:00 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-17768-A-16		240-65929		11/21/2012 14:09	1	TAL NC	RQ
A:8260B/DoD	240-17768-A-16		240-65929		11/21/2012 14:09	1	TAL NC	RQ

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Laboratory Chronicle

Lab ID: 240-17768-17 **Client ID: 076SB-0030M-0001-SO**

Sample Date/Time: 11/14/2012 16:15 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-17-A		240-66175	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-17-A		240-66175	240-65854	11/25/2012 17:31	1	TAL NC	SM
P:3540C	240-17768-E-17-D		240-66878	240-66397	11/27/2012 09:22	5	TAL NC	AC
A:8270C/DoD	240-17768-E-17-D		240-66878	240-66397	11/30/2012 12:21	5	TAL NC	JG
P:7471A	240-17768-E-17-C		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17768-E-17-C		240-67078	240-66302	11/30/2012 14:42	1	TAL NC	DH
A:Moisture	240-17768-D-17		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-18 **Client ID: 076SB-0031M-0001-SO**

Sample Date/Time: 11/14/2012 16:15 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-18-A		240-66175	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-18-A		240-66175	240-65854	11/25/2012 17:53	1	TAL NC	SM
P:3540C	240-17768-E-18-D		240-66878	240-66397	11/27/2012 09:22	5	TAL NC	AC
A:8270C/DoD	240-17768-E-18-D		240-66878	240-66397	11/30/2012 12:44	5	TAL NC	JG
P:7471A	240-17768-E-18-C		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17768-E-18-C		240-67078	240-66302	11/30/2012 14:58	1	TAL NC	DH
A:Moisture	240-17768-D-18		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-19 **Client ID: 076SB-0032M-0001-SO**

Sample Date/Time: 11/14/2012 16:15 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-19-A		240-66175	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-19-A		240-66175	240-65854	11/25/2012 18:14	1	TAL NC	SM
P:3540C	240-17768-E-19-D		240-66878	240-66397	11/27/2012 09:22	1	TAL NC	AC
A:8270C/DoD	240-17768-E-19-D		240-66878	240-66397	11/30/2012 15:04	1	TAL NC	JG
P:7471A	240-17768-E-19-C		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17768-E-19-C		240-67078	240-66302	11/30/2012 14:40	1	TAL NC	DH
A:Moisture	240-17768-D-19		240-65747		11/20/2012 11:15	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Laboratory Chronicle

Lab ID: 240-17768-20 **Client ID: 076SB-0033M-0001-SO**

Sample Date/Time: 11/14/2012 16:45 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-20-A		240-66175	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-20-A		240-66175	240-65854	11/25/2012 18:36	1	TAL NC	SM
P:3540C	240-17768-E-20-D		240-66878	240-66397	11/27/2012 09:22	1	TAL NC	AC
A:8270C/DoD	240-17768-E-20-D		240-66878	240-66397	11/30/2012 14:17	1	TAL NC	JG
P:7471A	240-17768-E-20-C		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17768-E-20-C		240-67078	240-66302	11/30/2012 14:31	1	TAL NC	DH
A:Moisture	240-17768-D-20		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-21 **Client ID: 076SB-0034M-0001-SO**

Sample Date/Time: 11/14/2012 17:00 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-A-21-A		240-66239	240-65921	11/21/2012 11:03	1	TAL NC	LM
A:8260B/DoD	240-17768-A-21-A		240-66239	240-65921	11/26/2012 14:37	1	TAL NC	SM
P:3540C	240-17768-E-21-D		240-66878	240-66397	11/27/2012 09:22	5	TAL NC	AC
A:8270C/DoD	240-17768-E-21-D		240-66878	240-66397	11/30/2012 13:54	5	TAL NC	JG
P:7471A	240-17768-E-21-C		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17768-E-21-C		240-67078	240-66302	11/30/2012 14:56	1	TAL NC	DH
A:Moisture	240-17768-A-21		240-65747		11/20/2012 11:15	1	TAL NC	TH

Lab ID: 240-17768-22 **Client ID: 076SB-0035M-0001-SO**

Sample Date/Time: 11/14/2012 17:30 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-22-A		240-66239	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-22-A		240-66239	240-65854	11/26/2012 16:46	1	TAL NC	SM
P:3540C	240-17768-E-22-D		240-66878	240-66397	11/27/2012 09:22	5	TAL NC	AC
A:8270C/DoD	240-17768-E-22-D		240-66878	240-66397	11/30/2012 13:07	5	TAL NC	JG
P:7471A	240-17768-E-22-C		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17768-E-22-C		240-67078	240-66302	11/30/2012 14:39	1	TAL NC	DH
A:Moisture	240-17768-D-22		240-65747		11/20/2012 11:33	1	TAL NC	TH

Lab ID: 240-17768-22 DU **Client ID: 076SB-0035M-0001-SO**

Sample Date/Time: 11/14/2012 17:30 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-17768-D-22 DU		240-65747		11/20/2012 11:33	1	TAL NC	TH

Client: Environmental Chemical Corp. Job Number: 240-17768-1

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Lab ID: 240-17768-23 **Client ID: 076SB-0036M-0001-SO**

Sample Date/Time: 11/14/2012 17:45 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17768-B-23-A		240-66239	240-65854	11/15/2012 21:00	1	TAL NC	LM
A:8260B/DoD	240-17768-B-23-A		240-66239	240-65854	11/26/2012 17:08	1	TAL NC	SM
P:3540C	240-17768-E-23-D		240-66878	240-66397	11/27/2012 09:22	5	TAL NC	AC
A:8270C/DoD	240-17768-E-23-D		240-66878	240-66397	11/30/2012 10:24	5	TAL NC	JG
P:7471A	240-17768-E-23-C		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	240-17768-E-23-C		240-67078	240-66302	11/30/2012 14:53	1	TAL NC	DH
A:Moisture	240-17768-D-23		240-65747		11/20/2012 11:33	1	TAL NC	TH

Lab ID: 240-17768-23 MS **Client ID: 076SB-0036M-0001-SO**

Sample Date/Time: 11/14/2012 17:45 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17768-E-23-E MS		240-66878	240-66397	11/27/2012 09:22	5	TAL NC	AC
A:8270C/DoD	240-17768-E-23-E MS		240-66878	240-66397	11/30/2012 10:47	5	TAL NC	JG

Lab ID: 240-17768-23 MSD **Client ID: 076SB-0036M-0001-SO**

Sample Date/Time: 11/14/2012 17:45 Received Date/Time: 11/15/2012 08:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17768-E-23-F MSD		240-66878	240-66397	11/27/2012 09:22	5	TAL NC	AC
A:8270C/DoD	240-17768-E-23-F MSD		240-66878	240-66397	11/30/2012 11:11	5	TAL NC	JG

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Laboratory Chronicle

Lab ID: **MB** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 240-65929/6		240-65929		11/21/2012 11:58	1	TAL NC	RQ
A:8260B/DoD	MB 240-65929/6		240-65929		11/21/2012 11:58	1	TAL NC	RQ
A:8260B/DoD	MB 240-66063/17		240-66063		11/23/2012 15:13	1	TAL NC	SM
A:8260B/DoD	MB 240-66175/8		240-66175		11/25/2012 09:59	1	TAL NC	SM
P:5035	MB 240-65921/1-A		240-66175	240-65921	11/21/2012 11:03	1	TAL NC	LM
A:8260B/DoD	MB 240-65921/1-A		240-66175	240-65921	11/25/2012 11:47	1	TAL NC	SM
A:8260B/DoD	MB 240-66239/8		240-66239		11/26/2012 14:15	1	TAL NC	SM
P:3540C	MB 240-66397/18-A		240-66878	240-66397	11/27/2012 09:22	1	TAL NC	AC
A:8270C/DoD	MB 240-66397/18-A		240-66878	240-66397	11/30/2012 09:37	1	TAL NC	JG
P:3540C	MB 240-66237/12-A		240-67225	240-66237	11/26/2012 09:49	1	TAL NC	AC
A:8270C/DoD	MB 240-66237/12-A		240-67225	240-66237	12/04/2012 10:56	1	TAL NC	JG
P:3540C	MB 240-66227/23-A		240-67390	240-66227	11/26/2012 09:35	1	TAL NC	AC
A:8270C/DoD	MB 240-66227/23-A		240-67390	240-66227	12/05/2012 10:19	1	TAL NC	JG
P:5035	MB 240-66321/1-A		240-66387	240-66321	11/26/2012 14:21	1	TAL NC	HMB
A:8015B	MB 240-66321/1-A		240-66387	240-66321	11/27/2012 21:43	1	TAL NC	HMB
A:8015B	MB 240-66387/38		240-66387		11/28/2012 09:18	1	TAL NC	HMB
P:5030B	MB 240-66387/45		240-66387		11/28/2012 14:00	1	TAL NC	HMB
A:8015B	MB 240-66387/45		240-66387		11/28/2012 14:00	1	TAL NC	HMB
P:3540C	MB 240-66394/10-A		240-66605	240-66394	11/27/2012 09:12	1	TAL NC	AC
A:8015B	MB 240-66394/10-A		240-66605	240-66394	11/28/2012 22:04	1	TAL NC	DB
P:3540C	MB 240-66777/20-A		240-67173	240-66777	11/29/2012 11:28	1	TAL NC	AC
A:8082/DOD	MB 240-66777/20-A		240-67173	240-66777	12/04/2012 05:57	1	TAL NC	LH
P:7471A	MB 240-66302/1-A		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	MB 240-66302/1-A		240-67078	240-66302	11/30/2012 14:20	1	TAL NC	DH

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 240-65929/4		240-65929		11/21/2012 11:14	1	TAL NC	RQ
A:8260B/DoD	LCS 240-65929/4		240-65929		11/21/2012 11:14	1	TAL NC	RQ
A:8260B/DoD	LCS 240-66063/16		240-66063		11/23/2012 14:51	1	TAL NC	SM
A:8260B/DoD	LCS 240-66175/7		240-66175		11/25/2012 09:38	1	TAL NC	SM
P:5035	LCS 240-65921/2-A		240-66175	240-65921	11/21/2012 11:03	1	TAL NC	LM
A:8260B/DoD	LCS 240-65921/2-A		240-66175	240-65921	11/25/2012 11:26	1	TAL NC	SM
A:8260B/DoD	LCS 240-66239/7		240-66239		11/26/2012 13:54	1	TAL NC	SM
P:3540C	LCS 240-66397/19-A		240-66878	240-66397	11/27/2012 09:22	1	TAL NC	AC
A:8270C/DoD	LCS 240-66397/19-A		240-66878	240-66397	11/30/2012 10:01	1	TAL NC	JG
P:3540C	LCS 240-66237/13-A		240-67052	240-66237	11/26/2012 09:49	1	TAL NC	AC
A:8270C/DoD	LCS 240-66237/13-A		240-67052	240-66237	12/03/2012 14:25	1	TAL NC	JG
P:3540C	LCS 240-66227/24-A		240-67390	240-66227	11/26/2012 09:35	1	TAL NC	AC
A:8270C/DoD	LCS 240-66227/24-A		240-67390	240-66227	12/05/2012 10:43	1	TAL NC	JG
P:5035	LCS 240-66321/2-A		240-66387	240-66321	11/26/2012 14:21	1	TAL NC	HMB
A:8015B	LCS 240-66321/2-A		240-66387	240-66321	11/27/2012 22:23	1	TAL NC	HMB
A:8015B	LCS 240-66387/39		240-66387		11/28/2012 09:58	1	TAL NC	HMB
P:5030B	LCS 240-66387/46		240-66387		11/28/2012 14:38	1	TAL NC	HMB
A:8015B	LCS 240-66387/46		240-66387		11/28/2012 14:38	1	TAL NC	HMB
P:3540C	LCS 240-66394/11-A		240-66605	240-66394	11/27/2012 09:12	1	TAL NC	AC
A:8015B	LCS 240-66394/11-A		240-66605	240-66394	11/28/2012 22:35	1	TAL NC	DB
P:3540C	LCS 240-66777/21-A		240-67173	240-66777	11/29/2012 11:28	1	TAL NC	AC
A:8082/DOD	LCS 240-66777/21-A		240-67173	240-66777	12/04/2012 08:26	1	TAL NC	LH
P:7471A	LCS 240-66302/2-A		240-67078	240-66302	11/26/2012 14:45	1	TAL NC	DE
A:7471/DOD	LCS 240-66302/2-A		240-67078	240-66302	11/30/2012 14:22	1	TAL NC	DH

Client: Environmental Chemical Corp. Job Number: 240-17768-1

Laboratory Chronicle

Lab ID: MRL **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MRL 240-65929/7		240-65929		11/21/2012 12:30	1	TAL NC	RQ
A:8260B/DoD	MRL 240-65929/7		240-65929		11/21/2012 12:30	1	TAL NC	RQ
P:5030B	MRL 240-65929/20		240-65929		11/21/2012 17:29	1	TAL NC	RQ
A:8260B/DoD	MRL 240-65929/20		240-65929		11/21/2012 17:29	1	TAL NC	RQ
A:8260B/DoD	MRL 240-66063/14		240-66063		11/23/2012 14:08	1	TAL NC	SM
A:8260B/DoD	MRL 240-66063/34		240-66063		11/23/2012 21:08	1	TAL NC	SM
A:8260B/DoD	MRL 240-66175/5		240-66175		11/25/2012 08:55	1	TAL NC	SM
A:8260B/DoD	MRL 240-66175/33		240-66175		11/25/2012 18:58	1	TAL NC	SM
A:8260B/DoD	MRL 240-66239/5		240-66239		11/26/2012 13:11	1	TAL NC	SM
A:8260B/DoD	MRL 240-66239/31		240-66239		11/26/2012 22:31	1	TAL NC	SM
A:8270C/DoD	MRL 240-66878/3		240-66878		11/30/2012 09:14	1	TAL NC	JG
A:8270C/DoD	MRL 240-66878/23		240-66878		11/30/2012 17:01	1	TAL NC	JG
A:8270C/DoD	MRL 240-67052/3		240-67052		12/03/2012 11:16	1	TAL NC	JG
A:8270C/DoD	MRL 240-67052/18		240-67052		12/03/2012 17:58	1	TAL NC	JG
A:8270C/DoD	MRL 240-67225/3		240-67225		12/04/2012 09:45	1	TAL NC	JG
A:8270C/DoD	MRL 240-67225/25		240-67225		12/04/2012 18:26	1	TAL NC	JG
A:8270C/DoD	MRL 240-67390/3		240-67390		12/05/2012 09:56	1	TAL NC	JG
A:8270C/DoD	MRL 240-67390/26		240-67390		12/05/2012 18:50	1	TAL NC	JG
A:8015B	MRL 240-66387/19		240-66387		11/27/2012 21:05	1	TAL NC	HMB
A:8015B	MRL 240-66387/30		240-66387		11/28/2012 04:10	1	TAL NC	HMB
A:8015B	MRL 240-66387/61		240-66387		11/29/2012 00:17	1	TAL NC	HMB
A:8015B	MRL 240-66605/4		240-66605		11/28/2012 13:29	1	TAL NC	DB
A:8015B	MRL 240-66605/34		240-66605		11/29/2012 04:39	1	TAL NC	DB
A:8015B	MRL 240-67061/4		240-67061		12/03/2012 12:04	1	TAL NC	DB
A:8015B	MRL 240-67061/11		240-67061		12/03/2012 16:26	1	TAL NC	DB
A:8015B	MRL 240-67287/27		240-67287		12/05/2012 02:01	1	TAL NC	DB
A:8015B	MRL 240-67287/31		240-67287		12/05/2012 04:02	1	TAL NC	DB
A:8082/DOD	MRL 240-67173/10		240-67173		12/04/2012 03:20	1	TAL NC	LH
A:8082/DOD	MRL 240-67173/32		240-67173		12/04/2012 08:56	1	TAL NC	LH

Lab References:
TAL NC = TestAmerica Canton

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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_00019	04/19/13	10/19/12	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_00030	06/30/13	11/15/12	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.: 240-17768-1

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.: 240-17768-1

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.: 240-17768-1

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_00020	07/31/15	10/26/12	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
EXRESTEKSPKW_00016	12/20/12	10/26/12	MEOH, Lot 123279	200 mL	EXBNARESSPK_00006	40 mL	1,1'-Biphenyl	20 ug/mL
							1,4-Dioxane	20 ug/mL
							2-Picoline	20 ug/mL
							Acetophenone	20 ug/mL
							Atrazine	20 ug/mL
							Benzaldehyde	20 ug/mL
							Caprolactam	20 ug/mL
							Chloroacetophenone	20 ug/mL
							Chlorobenzilate	20 ug/mL
							Ethyl methanesulfonate	20 ug/mL
							Phenacetin	20 ug/mL
							Phorate	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00397	11/26/12	11/26/12	NA, Lot NA	400 mL	MTHCL_00047	300 mL	Hydrogen Chloride	0.75 mL/mL
					MTHNO3_00037	100 mL	Nitric acid	0.25 mL/mL
.MTHCL_00047	11/12/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
.MTHNO3_00037	11/12/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTAQUAREGIA_00401	11/30/12	11/30/12	NA, Lot NA	320 mL	MTHCL_00048	240 mL	Hydrogen Chloride	0.75 mL/mL
					MTHNO3_00037	80 mL	Nitric acid	0.25 mL/mL
.MTHCL_00048	11/21/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
.MTHNO3_00037	11/12/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTHGCALW_00286	11/30/12	11/30/12	DIWATER, Lot DIWATER	100 mL	MTHGCAL_00006	1 mL	Hg	100 ug/L
					MTHNO3_00037	0.15 mL	Nitric acid	1500000 ug/L
.MTHGCAL_00006	08/20/13	High Purity, Lot 1221902			(Purchased Reagent)		Hg	10 ug/mL
.MTHNO3_00037	11/12/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTHGICVW_00435	11/26/12	11/26/12	DIWATER, Lot DIWATER	100 mL	MTHgStd_00007	1 mL	Hg	500 ug/L
					MTHNO3_00036	0.15 mL	Nitric acid	1500000 ug/L
.MTHgStd_00007	02/16/14	CPI, Lot 10E072			(Purchased Reagent)		Hg	50 ug/mL
.MTHNO3_00036	10/26/14	Macron Chemicals, Lot L08022			(Purchased Reagent)		Nitric acid	100 %
MTHGICVW_00439	11/30/12	11/30/12	DIWATER, Lot DIWATER	100 mL	MTHgStd_00007	1 mL	Hg	500 ug/L
					MTHNO3_00036	0.15 mL	Nitric acid	1500000 ug/L
.MTHgStd_00007	02/16/14	CPI, Lot 10E072			(Purchased Reagent)		Hg	50 ug/mL
.MTHNO3_00036	10/26/14	Macron Chemicals, Lot L08022			(Purchased Reagent)		Nitric acid	100 %
MTKMnO4Liq_00006	10/31/14	Ricca Chemical Company, Lot 2210830			(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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SG 1260 ICV_00005	12/31/14	ULTRA, Lot CC-3829			(Purchased Reagent)		Aroclor-1260	100 ug/mL
SG1221ICV_00006	08/27/13	08/27/12	HEXANE, Lot L03E01	10 mL	SG 1221 ICV_00003	1 mL	Aroclor-1221	10000 ug/L
.SG 1221 ICV_00003	12/31/14	Ultra Scientific, Lot CB-1791z			(Purchased Reagent)		Aroclor-1221	100 ug/mL
SG1232@0.05PP_00005	12/05/12	06/05/12	HEXANE, Lot J42E19	100 mL	SG1232@10ppm_00002	0.5 mL	PCB-1232 Peak 1	0.05 ug/mL
							PCB-1232 Peak 2	0.05 ug/mL
							PCB-1232 Peak 3	0.05 ug/mL
							PCB-1232 Peak 4	0.05 ug/mL
							PCB-1232 Peak 5	0.05 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14	restek, Lot a052599			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@0.1PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42E19	100 mL	SG1232@10ppm_00002	1 mL	PCB-1232 Peak 1	0.1 ug/mL
							PCB-1232 Peak 2	0.1 ug/mL
							PCB-1232 Peak 3	0.1 ug/mL
							PCB-1232 Peak 4	0.1 ug/mL
							PCB-1232 Peak 5	0.1 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14	restek, Lot a052599			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@0.2PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42e19	100 mL	SG1232@10ppm_00002	2 mL	PCB-1232 Peak 1	0.2 ug/mL
							PCB-1232 Peak 2	0.2 ug/mL
							PCB-1232 Peak 3	0.2 ug/mL
							PCB-1232 Peak 4	0.2 ug/mL
							PCB-1232 Peak 5	0.2 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@0.5PPM_00008	12/08/12	07/12/12	HEXANE, Lot K42e19	100 mL	SG1232@10ppm_00002	5 mL	PCB-1232 Peak 1	0.5 ug/mL
							PCB-1232 Peak 2	0.5 ug/mL
							PCB-1232 Peak 3	0.5 ug/mL
							PCB-1232 Peak 4	0.5 ug/mL
							PCB-1232 Peak 5	0.5 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@1.0PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42E19	100 mL	SG1232@10ppm_00002	10 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@2.0PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42E19	100 mL	SG1232@10ppm_00002	20 mL	PCB-1232 Peak 1	2 ug/mL
							PCB-1232 Peak 2	2 ug/mL
							PCB-1232 Peak 3	2 ug/mL
							PCB-1232 Peak 4	2 ug/mL
							PCB-1232 Peak 5	2 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
SG1232ICV_00003	05/16/13	05/16/12	HEXANE, Lot K42E19	10 mL	SG 1232 ICV_00003	1 mL	Aroclor-1232	10 ug/mL
.SG 1232 ICV_00003	10/31/14	Ultra Scientific, Lot CG-3213			(Purchased Reagent)		Aroclor-1232	100 ug/mL
SG1242@.05ppm_00004	01/03/13	07/03/12	HEXANE, Lot k142e19	100 mL	SG1242@10ppm_00002	0.5 mL	PCB-1242 Peak 1	0.05 ug/mL
							PCB-1242 Peak 2	0.05 ug/mL
							PCB-1242 Peak 3	0.05 ug/mL
							PCB-1242 Peak 4	0.05 ug/mL
							PCB-1242 Peak 5	0.05 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16	Restek, Lot A068369			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@0.1ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	1 mL	PCB-1242 Peak 1	0.1 ug/mL
							PCB-1242 Peak 2	0.1 ug/mL
							PCB-1242 Peak 3	0.1 ug/mL
							PCB-1242 Peak 4	0.1 ug/mL
							PCB-1242 Peak 5	0.1 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16	Restek, Lot A068369			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@0.2ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	2 mL	PCB-1242 Peak 1	0.2 ug/mL
							PCB-1242 Peak 2	0.2 ug/mL
							PCB-1242 Peak 3	0.2 ug/mL
							PCB-1242 Peak 4	0.2 ug/mL
							PCB-1242 Peak 5	0.2 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 5	1000 ug/mL
SG1242@0.5ppm_00006	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	5 mL	PCB-1242 Peak 1	0.5 ug/mL
							PCB-1242 Peak 2	0.5 ug/mL
							PCB-1242 Peak 3	0.5 ug/mL
							PCB-1242 Peak 4	0.5 ug/mL
							PCB-1242 Peak 5	0.5 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@1.0ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	10 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@2.0ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	20 mL	PCB-1242 Peak 1	2 ug/mL
							PCB-1242 Peak 2	2 ug/mL
							PCB-1242 Peak 3	2 ug/mL
							PCB-1242 Peak 4	2 ug/mL
							PCB-1242 Peak 5	2 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
SG1242ICV_00003	08/09/13	08/09/12	HEXANE, Lot L08E17	10 mL	SG 1242 ICV_00003	1 mL	Aroclor-1242	10 ug/mL
.SG 1242 ICV_00003	09/30/19	Ultra Scientific, Lot CH-2711			(Purchased Reagent)		Aroclor-1242	100 ug/mL
SG1248@.05ppm_00006	01/04/13	07/04/12	HEXANE, Lot K42E19	100 mL	SG1248@10ppm_00003	0.5 mL	PCB-1248 Peak 1	0.05 ug/mL
							PCB-1248 Peak 2	0.05 ug/mL
							PCB-1248 Peak 3	0.05 ug/mL
							PCB-1248 Peak 4	0.05 ug/mL
							PCB-1248 Peak 5	0.05 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15	Restek, Lot A059172			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@0.1PPM_00005	01/04/13	07/04/12	HEXANE, Lot k42E19	100 mL	SG1248@10ppm_00003	1 mL	PCB-1248 Peak 1	0.1 ug/mL
							PCB-1248 Peak 2	0.1 ug/mL
							PCB-1248 Peak 3	0.1 ug/mL
							PCB-1248 Peak 4	0.1 ug/mL
							PCB-1248 Peak 5	0.1 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15	Restek, Lot A059172			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@0.2ppm_00005	01/04/13	07/04/12	HEXANE, Lot K42E19	100 mL	SG1248@10ppm_00003	2 mL	PCB-1248 Peak 1	0.2 ug/mL
							PCB-1248 Peak 2	0.2 ug/mL
							PCB-1248 Peak 3	0.2 ug/mL
							PCB-1248 Peak 4	0.2 ug/mL
							PCB-1248 Peak 5	0.2 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
SG1248@0.5ppm_00006	01/04/13	07/04/12	HEXANE, Lot K42e19	100 mL	SG1248@10ppm_00003	5 mL	PCB-1248 Peak 1	0.5 ug/mL
							PCB-1248 Peak 2	0.5 ug/mL
							PCB-1248 Peak 3	0.5 ug/mL
							PCB-1248 Peak 4	0.5 ug/mL
							PCB-1248 Peak 5	0.5 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15	Restek, Lot A059172			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@1.0ppm_00004	01/04/13	07/04/12	HEXANE, Lot K42e19	100 mL	SG1248@10ppm_00003	10 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15	Restek, Lot A059172			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@2.0ppm_00004	01/04/13	07/04/12	HEXANE, Lot K42e19	100 mL	SG1248@10ppm_00003	20 mL	PCB-1248 Peak 1	2 ug/mL
							PCB-1248 Peak 2	2 ug/mL
							PCB-1248 Peak 3	2 ug/mL
							PCB-1248 Peak 4	2 ug/mL
							PCB-1248 Peak 5	2 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15	Restek, Lot A059172			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.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
SG1660@.05PPM_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	0.5 mL	Aroclor-1016	0.05 ug/mL
							Aroclor-1260	0.05 ug/mL
							PCB-1016 Peak 1	0.05 ug/mL
							PCB-1016 Peak 2	0.05 ug/mL
							PCB-1016 Peak 3	0.05 ug/mL
							PCB-1016 Peak 4	0.05 ug/mL
							PCB-1016 Peak 5	0.05 ug/mL
							PCB-1260 Peak 1	0.05 ug/mL
							PCB-1260 Peak 2	0.05 ug/mL
							PCB-1260 Peak 3	0.05 ug/mL
							PCB-1260 Peak 4	0.05 ug/mL
							PCB-1260 Peak 5	0.05 ug/mL
					SGPCGSURRSTK_00003	0.125 mL	DCB Decachlorobiphenyl	0.0025 ug/mL
							Tetrachloro-m-xylene	0.0025 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	Aroclor-1016	10 ug/mL
							Aroclor-1260	10 ug/mL
							PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18	Restek, Lot a082781			(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
							PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16	restek, Lot a065184			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.2ppm_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	2 mL	PCB-1016 Peak 1	0.2 ug/mL
							PCB-1016 Peak 2	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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	0.2 ug/mL
							PCB-1016 Peak 4	0.2 ug/mL
							PCB-1016 Peak 5	0.2 ug/mL
							PCB-1260 Peak 1	0.2 ug/mL
							PCB-1260 Peak 2	0.2 ug/mL
							PCB-1260 Peak 3	0.2 ug/mL
							PCB-1260 Peak 4	0.2 ug/mL
							PCB-1260 Peak 5	0.2 ug/mL
					SGPCGSURRSTK_00003	0.5 mL	DCB Decachlorobiphenyl	0.01 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18	Restek, Lot a082781			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16	restek, Lot a065184			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.5PPM_00012	03/03/13	09/03/12	HEXANE, Lot 0000013019	200 mL	SG1016/1260_00005	10 mL	Aroclor-1016	0.5 ug/mL
							Aroclor-1260	0.5 ug/mL
							PCB-1016 Peak 1	0.5 ug/mL
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
					SGPCGSURRSTK_00003	2.5 mL	DCB Decachlorobiphenyl	0.025 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 2	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
							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.: 240-17768-1

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
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
							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

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 2	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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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	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
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SGDROCAL_00001	02/14/13	10/12/12	MECL2, Lot 0000010059	100 mL	SGDROCALSTK_00001	1 g	Diesel	10000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					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
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-Chlorophenyl phenyl ether	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	10 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzoic acid	20 ug/mL
							Benzyl alcohol	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
.SMDoDSSInd ST_00001	08/31/13	02/16/12	MECL2, Lot K48E14	10 mL	SMDoD IND SS_00001	1 mL	1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrophenol	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzoic acid	200 ug/mL
							Benzyl alcohol	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							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.: 240-17768-1

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-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-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Acenaphthene	0.1 ug/mL
							Acenaphthylene	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..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
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							2,4-Toluene diamine	0.5 ug/mL
							2-Nitroaniline	0.5 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3,3'-Dichlorobenzidine	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
							Pyrene	0.5 ug/mL
							1,2,3,5-Tetrachlorobenzene	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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	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
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Hexachlorocyclopentadiene	1 ug/mL
							Hexachloroethane	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							4,6-Dinitro-2-methylphenol	2 ug/mL
							4-Chloro-3-methylphenol	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Dimethyl phthalate	2 ug/mL
							Ethyl methacrylate	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
					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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..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
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							N-Nitrosodimethylamine	5 ug/mL
							N-Nitrosodiphenylamine	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							4-Chlorophenyl phenyl ether	5 ug/mL
							Benzaldehyde	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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	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
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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	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
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							4,4'-Methylene bis(2-chloroaniline)	15 ug/mL
							4-Chloroaniline	15 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							1,3,5-Trichlorobenzene	15 ug/mL
							1,3-Dichlorobenzene	15 ug/mL
							2,4-Dinitrotoluene	15 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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
							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
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Pentachlorophenol	40 ug/mL
					SMTCL DPH ST_00003	400 uL	1,4-Dichlorobenzene	20 ug/mL
							1,4-Dioxane	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3,5,6-Tetrachlorophenol	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
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[g,h,i]perylene	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
							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

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL 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
							Pentachlorophenol	50 ug/mL
							Phenol	25 ug/mL
							Phenol-d5 (Surr)	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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	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
							Isophorone	25 ug/mL
							Naphthalene	25 ug/mL
							Phenanthrene	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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.: 240-17768-1

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.: 240-17768-1

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

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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
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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							C6-C12	10000 ug/mL
..VGGASSTOCK_00013	10/31/13	ULTRA SCIENTIFIC, Lot S-0681W			(Purchased Reagent)		C6-C10	1 g/g
							C6-C12	1 g/g
VGGASCAL_00022	12/28/12	10/31/12	MEOH, Lot 123279	50 mL	VGGASDIL_00006	500 uL	C6-C12	100 ug/mL
.VGGASDIL_00006	12/28/12	06/28/12	MEOH, Lot 117046	50 mL	VGGASSTOCK_00013	0.5 g	C6-C12	10000 ug/mL
..VGGASSTOCK_00013	10/31/13	ULTRA SCIENTIFIC, Lot S-0681W			(Purchased Reagent)		C6-C12	1 g/g
VGGASCHK_00019	10/27/12	07/27/12	MEOH, Lot 115869	50 mL	VGGASCHKSTK_00016	1 mL	C6-C12	100 ug/mL
.VGGASCHKSTK_00016	04/05/15	ACCU STANDARD, Lot B5040009			(Purchased Reagent)		C6-C12	5 mg/mL
VGGASCHK_00024	02/20/13	11/20/12	MEOH, Lot 123279	50 mL	VGGASCHKSTK_00019	1 mL	C6-C10	100 ug/mL
							C6-C12	100 ug/mL
.VGGASCHKSTK_00019	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_00016	01/12/13	10/12/12	MEOH, Lot 123279	50 mL	VGSURRSTKGAS_00013	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
.VGSURRSTKGAS_00013	07/31/14	ULTRA SCIENTIFIC, Lot CE-1903A			(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
VM250-IS_00012	04/10/13	10/10/12	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
VM250SS_00009	03/05/13	09/05/12	MEOH, Lot 117046	100 mL	VMCUS8125_00007	1 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.VMCUS8125_00007	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
VM2MNP_00062	12/09/12	11/09/12	MEOH, Lot na	1 mL	VMSV200_00008	1 mL	2-Methylnaphthalene	100 ug/mL
.VMSV200_00008	08/31/14	ULTRA, Lot CC-1268Z			(Purchased Reagent)		2-Methylnaphthalene	100 ug/mL
VM50IS_00021	11/21/12	08/21/12	MEOH, Lot 117046	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_00082	11/12/12	11/05/12	MEOH, Lot na	2 mL	vm50ss_stk_00041	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_00041	01/02/13	10/03/12	MEOH, Lot 117046	50 mL	VMstm530_00014	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VMstm530_00014	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_00085	11/27/12	11/20/12	MEOH, Lot na	2 mL	vm50ss_stk_00043	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_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
vmap9_00099	11/16/12	11/09/12	MEOH, Lot na	1 mL	VMCU12302_00010	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Cyclohexanone	500 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl ether	50 ug/mL
							Isobutyl alcohol	1000 ug/mL
							Isopropyl ether	250 ug/mL
							Methacrylonitrile	50 ug/mL
							Methyl methacrylate	50 ug/mL
							n-Butanol	1000 ug/mL
							n-Heptane	50 ug/mL
							Propionitrile	100 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
.VMCU12302_00010	09/30/14	Ultra Scientific, Lot CJ-3239			(Purchased Reagent)		1,2,3-Trimethylbenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Cyclohexanone	500 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl ether	50 ug/mL
							Isobutyl alcohol	1000 ug/mL
							Isopropyl ether	250 ug/mL
							Methacrylonitrile	50 ug/mL
							Methyl methacrylate	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butanol	1000 ug/mL
							n-Heptane	50 ug/mL
							Propionitrile	100 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
VMCGAS_00095	11/12/12	11/05/12	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_00097	11/26/12	11/19/12	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
VMENCORESS_00160	11/26/12	11/19/12	MEOH, Lot na	1 mL	VMstm530_00016	1 mL	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
.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
VMENFAS_00140	11/22/12	11/19/12	MEOH, Lot 123279	3 mL	VMFAS_00032	3 mL	Vinyl acetate	25 ug/mL
							Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Dichlorodifluoromethane	25 ug/mL
							Trichlorofluoromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
							1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 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		
							1,1,2-Trichloro-1,2,2-trifluoroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2,4-Trichlorobenzene	25 ug/mL
							1,2-Dibromo-3-Chloropropane	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichlorobenzene	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							1,3-Dichlorobenzene	25 ug/mL
							1,4-Dichlorobenzene	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
							Cyclohexane	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							Hexane	25 ug/mL
							Isopropylbenzene	25 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	25 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylcyclohexane	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
							Trihalomethanes, Total	100 ug/mL
							Xylenes, Total	75 ug/mL
							2-Chloroethyl vinyl ether	25 ug/mL
							1,1,1,2-Tetrachloroethane	25 ug/mL
							1,1-Dichloropropene	25 ug/mL
							1,2,3-Trichlorobenzene	25 ug/mL
							1,2,3-Trichloropropane	25 ug/mL
							1,2,3-Trimethylbenzene	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trimethylbenzene	25 ug/mL
							1,3,5-Trimethylbenzene	25 ug/mL
							1,3-Dichloropropane	25 ug/mL
							2,2-Dichloropropane	25 ug/mL
							2-Chlorotoluene	25 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							4-Chlorotoluene	25 ug/mL
							4-Isopropyltoluene	25 ug/mL
							Bromobenzene	25 ug/mL
							Bromochloromethane	25 ug/mL
							Dibromomethane	25 ug/mL
							Ethyl ether	25 ug/mL
							Hexachlorobutadiene	25 ug/mL
							Iodomethane	25 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropyl ether	25 ug/mL
							n-Butylbenzene	25 ug/mL
							N-Propylbenzene	25 ug/mL
							Naphthalene	25 ug/mL
							sec-Butylbenzene	25 ug/mL
							tert-Butylbenzene	25 ug/mL
							Tetrahydrofuran	25 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Acetonitrile	75 ug/mL
							Acrolein	75 ug/mL
							Acrylonitrile	75 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
							Cyclohexanone	500 ug/mL
.VMFAS_00032	11/22/12	10/22/12	MEOH, Lot 123279	100 mL	VM30216_00018	1.25 mL	Vinyl acetate	25 ug/mL
					VM48799U_00009	1.25 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Dichlorodifluoromethane	25 ug/mL
							Trichlorofluoromethane	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-Trichloro-1,2,2-trifluoroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2,4-Trichlorobenzene	25 ug/mL
							1,2-Dibromo-3-Chloropropane	25 ug/mL
							1,2-Dibromoethane	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							1,3-Dichlorobenzene	25 ug/mL
							1,4-Dichlorobenzene	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
							Cyclohexane	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							Hexane	25 ug/mL
							Isopropylbenzene	25 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl acetate	25 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylcyclohexane	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
							Trihalomethanes, Total	100 ug/mL
							Xylenes, Total	75 ug/mL
					VM556006_00007	1 mL	2-Chloroethyl vinyl ether	25 ug/mL
					VM563136_00007	1 mL	1,1,1,2-Tetrachloroethane	25 ug/mL
							1,1-Dichloropropene	25 ug/mL
							1,2,3-Trichlorobenzene	25 ug/mL
							1,2,3-Trichloropropane	25 ug/mL
							1,2,3-Trimethylbenzene	25 ug/mL
							1,2,4-Trimethylbenzene	25 ug/mL
							1,3,5-Trimethylbenzene	25 ug/mL
							1,3-Dichloropropane	25 ug/mL
							2,2-Dichloropropane	25 ug/mL
							2-Chlorotoluene	25 ug/mL
							2-Methyl-2-propanol	500 ug/mL
							4-Chlorotoluene	25 ug/mL
							4-Isopropyltoluene	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromobenzene	25 ug/mL
							Bromochloromethane	25 ug/mL
							Dibromomethane	25 ug/mL
							Ethyl ether	25 ug/mL
							Hexachlorobutadiene	25 ug/mL
							Iodomethane	25 ug/mL
							Isobutyl alcohol	1250 ug/mL
							Isopropyl ether	25 ug/mL
							n-Butylbenzene	25 ug/mL
							N-Propylbenzene	25 ug/mL
							Naphthalene	25 ug/mL
							sec-Butylbenzene	25 ug/mL
							tert-Butylbenzene	25 ug/mL
							Tetrahydrofuran	25 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
					VM563785_00035	1 mL	Acetonitrile	75 ug/mL
							Acrolein	75 ug/mL
							Acrylonitrile	75 ug/mL
					VM861149_00015	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
							Cyclohexanone	500 ug/mL
..VM30216_00018	07/31/13		Restek, Lot A086152		(Purchased Reagent)		Vinyl acetate	2000 ug/mL
..VM48799U_00009	06/30/13		Supelco, Lot LB91213		(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
..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-Trichloro-1,2,2-trifluoroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2,4-Trichlorobenzene	2500 ug/mL
							1,2-Dibromo-3-Chloropropane	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichlorobenzene	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							1,3-Dichlorobenzene	2500 ug/mL
							1,4-Dichlorobenzene	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							Cyclohexane	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Hexane	2500 ug/mL
							Isopropylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	5000 ug/mL
							Methyl acetate	2500 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylcyclohexane	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
							Trihalomethanes, Total	10000 ug/mL
							Xylenes, Total	7500 ug/mL
..VM556006_00007	11/30/13		Restek, Lot A088418		(Purchased Reagent)		2-Chloroethyl vinyl ether	2500 ug/mL
..VM563136_00007	11/30/16		Restek, Lot A085140		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	2500 ug/mL
							1,1-Dichloropropene	2500 ug/mL
							1,2,3-Trichlorobenzene	2500 ug/mL
							1,2,3-Trichloropropane	2500 ug/mL
							1,2,3-Trimethylbenzene	2500 ug/mL
							1,2,4-Trimethylbenzene	2500 ug/mL
							1,3,5-Trimethylbenzene	2500 ug/mL
							1,3-Dichloropropane	2500 ug/mL
							2,2-Dichloropropane	2500 ug/mL
							2-Chlorotoluene	2500 ug/mL
							2-Methyl-2-propanol	50000 ug/mL
							4-Chlorotoluene	2500 ug/mL
							4-Isopropyltoluene	2500 ug/mL
							Bromobenzene	2500 ug/mL
							Bromochloromethane	2500 ug/mL
							Dibromomethane	2500 ug/mL
							Ethyl ether	2500 ug/mL
							Hexachlorobutadiene	2500 ug/mL
							Iodomethane	2500 ug/mL
							Isobutyl alcohol	125000 ug/mL
							Isopropyl ether	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Butylbenzene	2500 ug/mL
							N-Propylbenzene	2500 ug/mL
							Naphthalene	2500 ug/mL
							sec-Butylbenzene	2500 ug/mL
							tert-Butylbenzene	2500 ug/mL
							Tetrahydrofuran	2500 ug/mL
							trans-1,4-Dichloro-2-butene	5000 ug/mL
..VM563785_00035	12/31/12		Restek, Lot A090840		(Purchased Reagent)		Acetonitrile	7500 ug/mL
							Acrolein	7500 ug/mL
							Acrylonitrile	7500 ug/mL
..VM861149_00015	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
							Cyclohexanone	20000 ug/mL
VMFASWS_00116	11/15/12	11/08/12	MEOH, Lot na	3 mL	VMFAS_00032	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00032	11/22/12	10/22/12	MEOH, Lot 123279	100 mL	VM48799U_00009	1.25 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
					VM556005_00011	1 mL	1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							o-Xylene	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
					VM563136_00007	1 mL	Bromochloromethane	25 ug/mL
					VM861149_00015	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VM48799U_00009	06/30/13		Supelco, Lot LB91213		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
..VM556005_00011	05/31/13		Restek, Lot A085142		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	7500 ug/mL
..VM563136_00007	11/30/16		Restek, Lot A085140		(Purchased Reagent)		Bromochloromethane	2500 ug/mL
..VM861149_00015	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_00117	11/22/12	11/16/12	MEOH, Lot na	3 mL	VMFAS_00032	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
							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_00032	11/22/12	10/22/12	MEOH, Lot 123279	100 mL	VM48799U_00009	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
					VM563136_00007	1 mL	Bromochloromethane	25 ug/mL
					VM861149_00015	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_00009	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-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	7500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..VM563136_00007	11/30/16		Restek, Lot A085140		(Purchased Reagent)		Bromochloromethane	2500 ug/mL
..VM861149_00015	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_00118	11/27/12	11/20/12	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
					VM556005_00011	1 mL	1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							o-Xylene	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
					VM563136_00007	1 mL	Bromochloromethane	25 ug/mL
					VM861149_00017	2.5 mL	2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							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

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	5000 ug/mL
							Methyl tert-butyl ether	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	7500 ug/mL
..VM563136_00007	11/30/16		Restek, Lot A085140		(Purchased Reagent)		Bromochloromethane	2500 ug/mL
..VM861149_00017	11/30/13		Supelco, Lot LB85301		(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Hexanone	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
VMPRIMARY_00146	11/16/12	11/09/12	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
.VMCUS7814_00019	02/28/14	Ultra Scientific, Lot CJ-0210			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							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.: 240-17768-1

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
VMPRIMARY_00148	11/23/12	11/16/12	MEOH, Lot na	1 mL	VMCUS7814_00019	1 mL	1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	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
							Dibromochloromethane	50 ug/mL
							Ethylbenzene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							m-Xylene & p-Xylene	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	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-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							Benzene	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
							Dibromochloromethane	50 ug/mL
							Ethylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylene Chloride	50 ug/mL
							o-Xylene	50 ug/mL
							Styrene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
VMPRIMARY_00150	11/28/12	11/21/12	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-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
							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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00099	11/16/12	11/09/12	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00100	11/23/12	11/16/12	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
.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
..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
VMSUPPW_00101	11/27/12	11/20/12	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

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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

HIGH-PURITY STANDARDS
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.

Certificate of Analysis

Aroclor 1016 Solution

Product Number: PP-281 **Page:** 1 of 1

Lot Number: CF-0785 **Lot Issue Date:** 26-Feb-2009 **Expiration Date:** 31-Mar-2017

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1016	012674-11-2	F216A	100.3 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1221 Solution

Product Number: PP-291 **Page:** 1 of 1

Lot Number: CB-1791Z **Lot Issue Date:** 01-Nov-2011 **Expiration Date:** 31-Dec-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1221	011104-28-2	AM-24	100.4 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Cert. No. 0851-01

ISO 9001:2008
Registered
TUV USA, Inc.
Cert. No. 09-1009

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wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1232 Solution

Product Number: PP-301 **Page:** 1 of 1

Lot Number: CG-3213 **Lot Issue Date:** 28-Sep-2010 **Expiration Date:** 31-Oct-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1232	011141-16-5	NT01717	100.3 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
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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 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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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 1248 Solution

Product Number: PP-341 **Page:** 1 of 1

Lot Number: CH-3256 **Lot Issue Date:** 27-Oct-2011 **Expiration Date:** 30-Nov-2019

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1248	012672-29-6	NT01718	100.5 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

ULTRA SCIENTIFIC
Analytical Standards

Certificate of Analysis

Aroclor 1254 Solution

Product Number: PP-351 **Page:** 1 of 1

Lot Number: CF-1469 **Lot Issue Date:** 14-Apr-2009 **Expiration Date:** 31-May-2017

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1254	011097-69-1	K040	100.2 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

A2LA ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01

ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1260 Solution

Product Number: PP-361 **Page:** 1 of 1

Lot Number: CG-3829 **Lot Issue Date:** 04-Nov-2010 **Expiration Date:** 31-Dec-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1260	011096-82-5	NT01023	100.5 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

JVIMS Received 12/13/11

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32039 **Lot No.:** A082781

Description : Aroclor® 1016/1260 Mix

PCB Mix, Aroclor 1016/1260, 1,000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] August 2018 **Storage:** 25°C nominal

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Aroclor 1016	12674-11-2	----%	1,000.0 ug/mL	+/- 5.8275 ug/mL
2	Aroclor 1260	11096-82-5	----%	1,000.0 ug/mL	+/- 5.8275 ug/mL
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

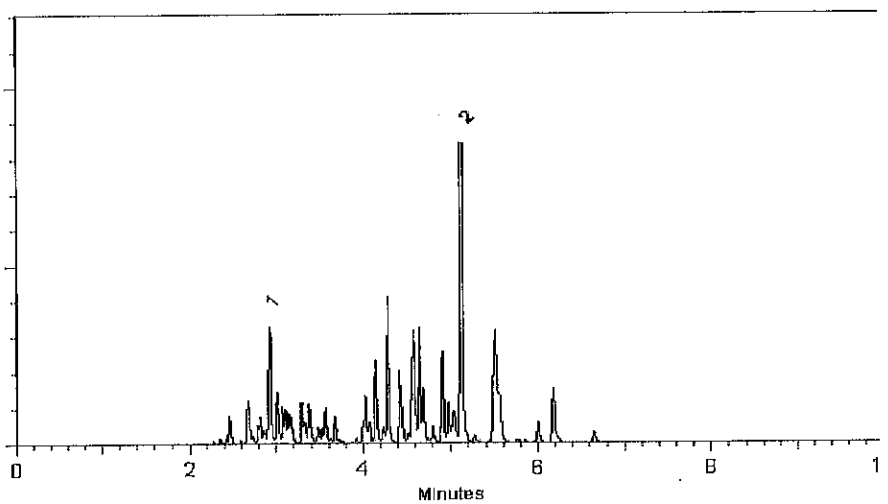
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Certificate of Analysis

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Fax: (814)353-1309

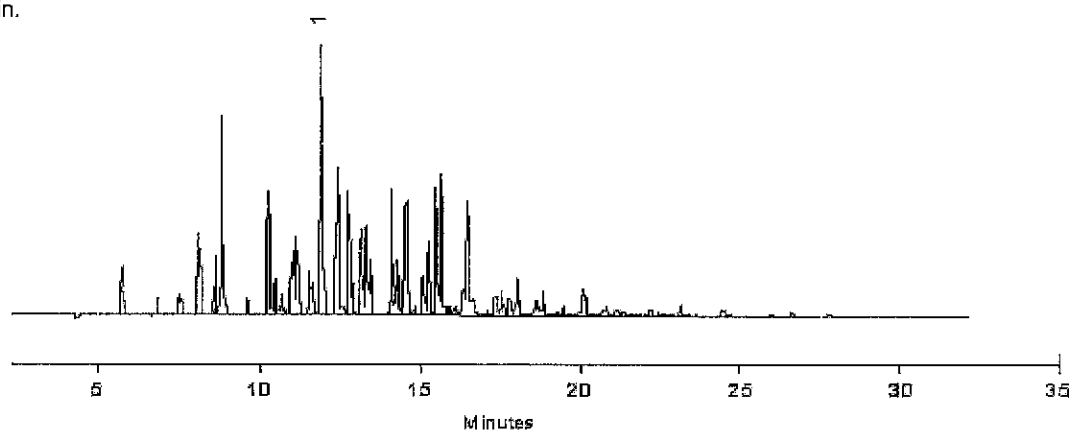
FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

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 #FM30397

REC 9/7/07

Certificate of Analysis

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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32009 **Lot No.:** A068369
Description: Aroclor® 1242 Standard
Expiration Date[1]: July 2016 **Storage:** Room Temperature
Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	----%	1,000.000 ug/ml	+/-0.58 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLPesticides (cat.# 11323)

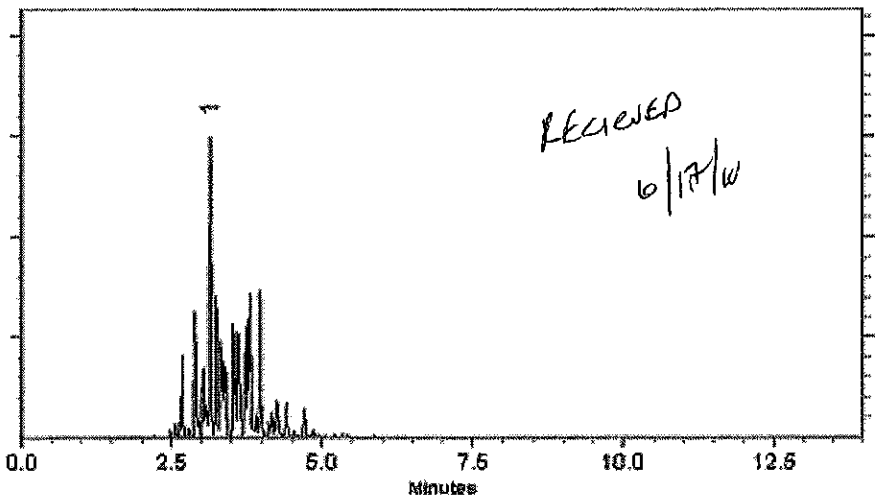
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Date Passed: 07/03/2009 **Balance:** 1128342314

Manufactured under Restek's ISO 9001-2000 Registered Quality System Certificate #FMB0397

1 Expiration date of the unopened ampule stored at recommended temperature.
2A Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest whole number. In addition to detectors listed above, chemical identity and purity are confirmed using one or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.
2C Compounds with a listed purity of less than 99% may be salts, derivatives, or hydrates. The listed purity is actually a correction factor that was used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound.
2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.
3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Uncertainties determined using repeatability and reproducibility data for balances and glassware from measurement systems analysis methodology, balance and glassware tolerances, raw material purity, and, where applicable, eccentricity and linearity values from an accredited calibration laboratory.

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32009 **Lot No.:** A068369
Description: Aroclor® 1242 Standard
Expiration Date[1]: July 2016 **Storage:** Room Temperature
Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	----%	1,000.000 ug/ml	+/-0.58 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLPesticides (cat.# 11323)

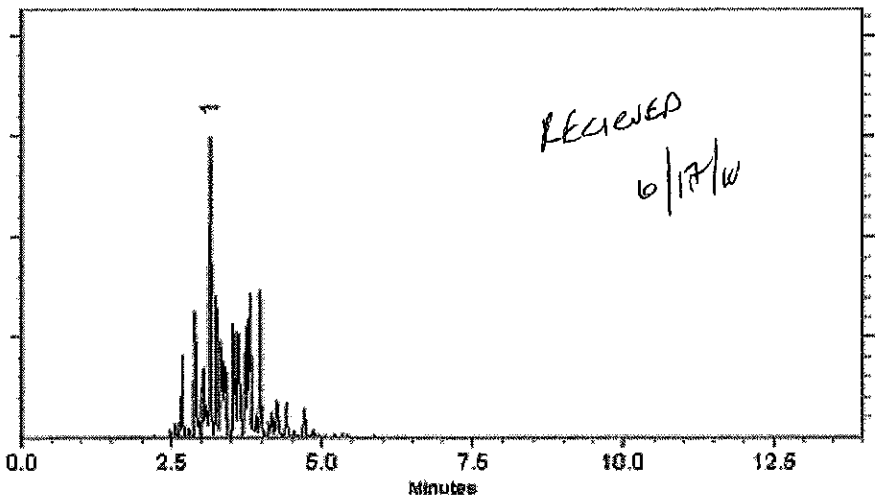
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



RECIEVED
6/17/09

Date Passed: 07/03/2009 **Balance:** 1128342314

Manufactured under Restek's ISO 9001-2000 Registered Quality System Certificate #FMB0397

1 Expiration date of the unopened ampule stored at recommended temperature.
2A Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest whole number. In addition to detectors listed above, chemical identity and purity are confirmed using one or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.
2C Compounds with a listed purity of less than 99% may be salts, derivatives, or hydrates. The listed purity is actually a correction factor that was used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound.
2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.
3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Uncertainties determined using repeatability and reproducibility data for balances and glassware from measurement systems analysis methodology, balance and glassware tolerances, raw material purity, and, where applicable, eccentricity and linearity values from an accredited calibration laboratory.

Certificate of Analysis

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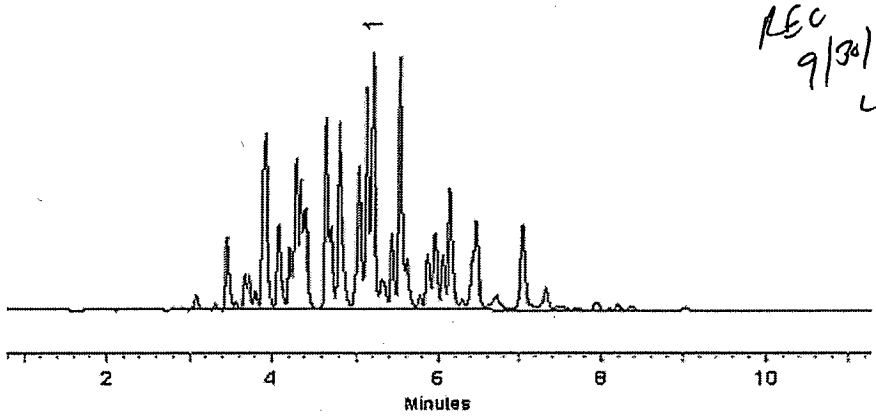
FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32010 **Lot No.:** A059172
Description : Aroclor® 1248 Standard
Expiration Date[1]**:** April 2015 **Storage:** Room Temperature
Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	Percent Uncertainty [4]
1	Aroclor 1248	12672-29-6	----%	1,000.000 ug/ml	+/-0.05 %
Solvent:	Hexane	110-54-3	99%		

Column: 30m x .32mm x .25um Rtx-CLPesticides II
Carrier Gas: helium @ 40cm/sec.
Temp. Program: 200°C to 300°C @ 10°C/min. (hold 5 min.)
Inj. Temp: 250°C
Det. Temp: 300°C
Det. Type: ECD



REC 9/30/13 LSH

Sara Eyster QA Analyst

Balance 1128360905

1 Expiration date of the unopened ampul stored at recommended temperature.
2 Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest LOWER whole percentage. In addtion to detectors listed above, chemical identity and purity are confirmed using 1 or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
3 Based upon gravimetric preperation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Percent Uncertainty based upon balance AND ASTM Class A volumetric glassware accuracy.

ISO 9001 REGISTERED
Manufactured under Restek's ISO 9001 Registered Quality System
Certificate #FM80397

RESTEK

Certificate of Analysis

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Bellefonte, PA 16823-8812
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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)

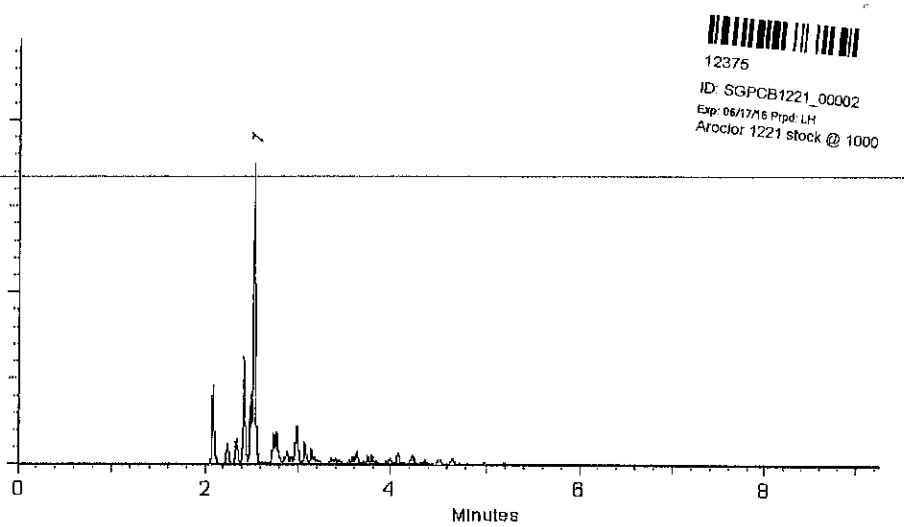
Carrier Gas:
hellum-constant pressure 20 psi.

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
7/2/14

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)

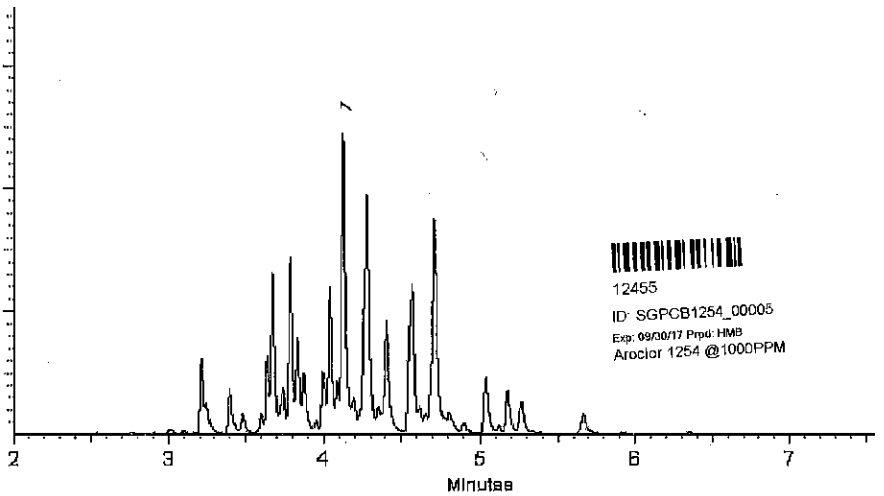
Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diane Shaffer - QA Analyst **Date Passed:** 23-Aug-2010 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials 7/23/11

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32007 **Lot No.:** A074947

Description : Aroclor® 1221 Standard

Expiration Date[1]**:** June 2017 **Storage:** Room Temperature

Handling: Contains PCB's. Warm & Sonicate Prior to Use

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	----%	1,000.000 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLPesticides (cat.# 11323)

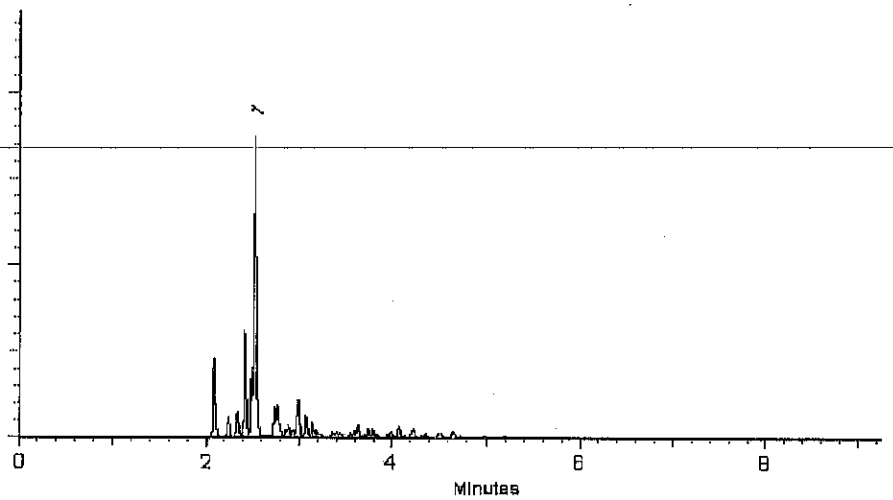
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diane Shaffer - QA Analyst **Date Passed:** 24-May-2010 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials
E
7/27/10

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Reagent ID: VGINTSTD_00001

		Expiration Date:	10/08/2011
Description:	INTERNAL STANDARD	Laboratory:	TestAmerica North Canton
No. of Bottles:	2	Prepared By:	Bolgrin, Deborah
Storage Location:	F022	Solvent:	MEOH
Reagent Volume:	50.000 mL	Solvent Lot:	50349
Creation Date:	04/08/2011		
Container(s):	12414, 12415		
Comment:			

Reagent Analyte Information

Analyte	Source ID	Source Expiration Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Fluorobenzene	VGISSTOCK_00001	12/31/2012	2000.000	ug/mL	50.00000	ug/mL

Source Reagents

Reagent	Description	Type	Expiration	Vendor	Vendor Lot #	Vendor Cat Lot #	Volume Used	Volume Units
VGISSTOCK_00001	IS FLOROBENZENE	ASTD	12/31/12	ULTRA SCIENTIFIC	CE-4128	STS-160	1.2500	mL

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32011 **Lot No.:** A076437

Description : Aroclor® 1254 Standard

Expiration Date[1]**:** September 2017 **Storage:** Room Temperature

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	----%	1,001.600 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

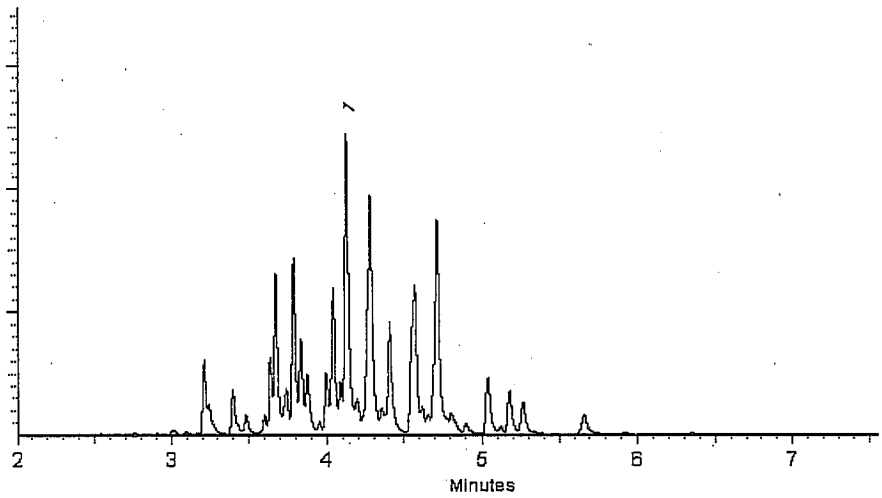
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diane Shaffer - QA Analyst **Date Passed:** 23-Aug-2010 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials 7/23/11

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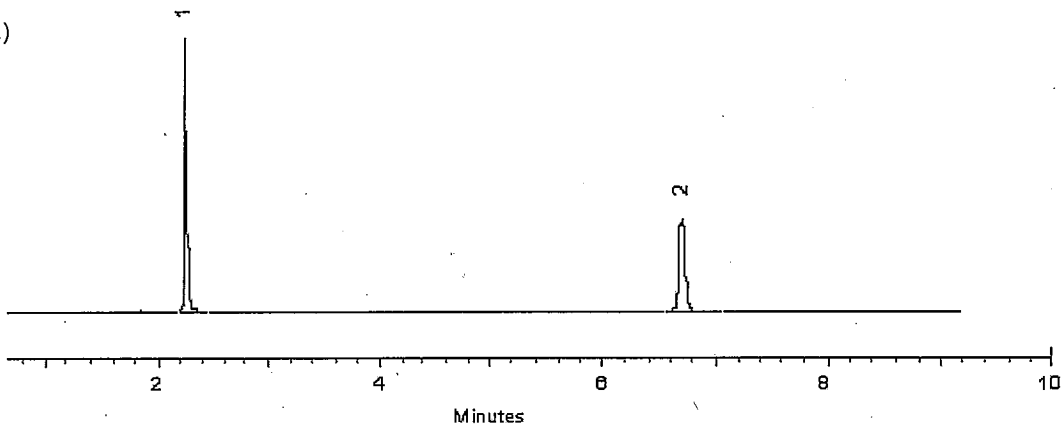
FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32000 **Lot No.:** A057014
Description : Pesticide Surrogate Mix
Expiration Date[1]**:** June 2015 **Storage:** Refrigerate
Handling: Warm & Sonicate prior to use

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	Percent Uncertainty [4]
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	98%	200.018 ug/ml	+/-0.03 %
2	Decachlorobiphenyl	2051-24-3	99%	200.000 ug/ml	+/-0.03 %
Solvent:	Acetone	67-64-1	99%		

LEC 7/13/08
LOT

Column: 30m x .32mm x .25um
Rtx-CLPesticides II
Carrier Gas: helium @ 40cm/sec.
Temp. Program: 200°C to 300°C
@ 15°C/min. (hold 12 min.)
Inj. Temp: 250°C
Det. Temp: 300°C
Det. Type: ECD



Sara Eyster QA Analyst

Balance 1128342313

1 Expiration date of the unopened ampul stored at recommended temperature.
2 Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest LOWER whole percentage. In addition to detectors listed above, chemical identity and purity are confirmed using 1 or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
3 Based upon gravimetric preperation with balance calibration verified using NISTtraceable weights (seven mass levels).
4 Percent Uncertainty based upon balance AND ASTM Class A volumetric glassware accuracy.

ISO 9001 REGISTERED

Manufactured under Restek's ISO 9001 Registered Quality System
Certificate #FM80397

Tech Tip:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

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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)

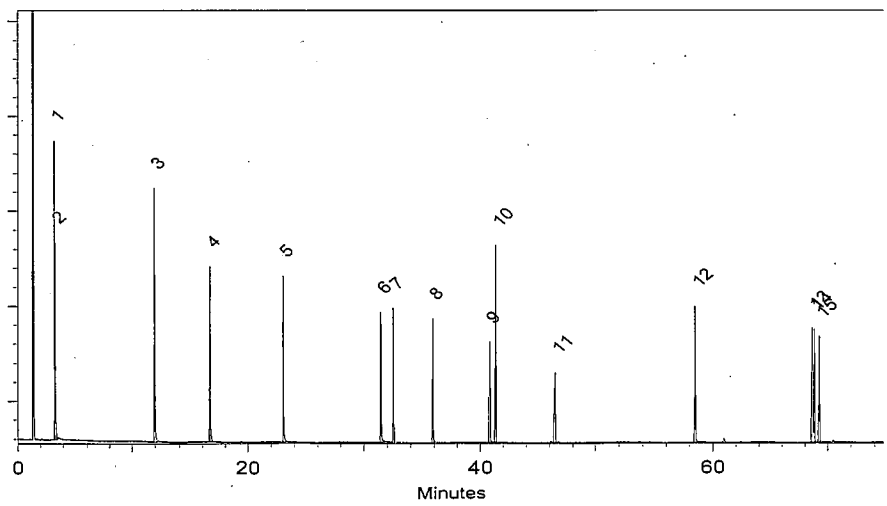
Carrier Gas:
hydrogen-constant pressure 10 psi

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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Certificate of Analysis

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)

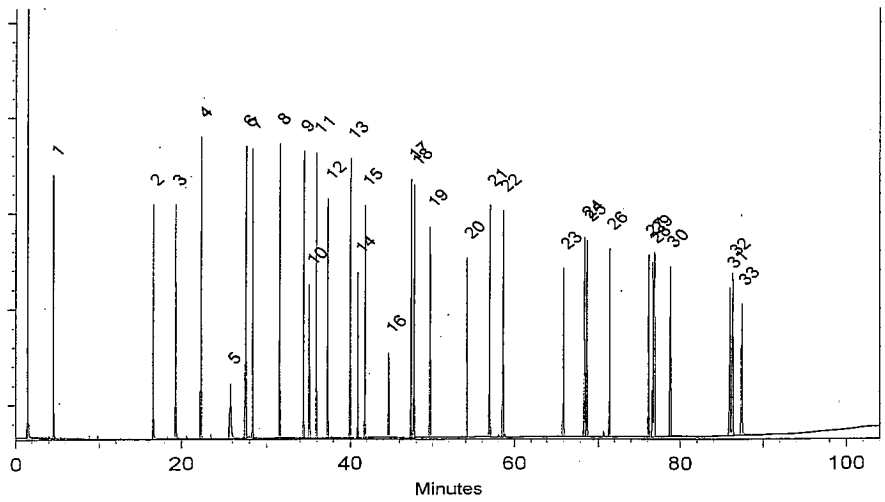
Carrier Gas:
hydrogen-constant pressure 10 psi

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.

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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

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: 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.

125 Market Street
New Haven, CT 06513
USA

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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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Certified by: R. Cooper
Russ Cooper, QC Manager

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   AT-1339

   ISO 9001:2008 Quality Management System - Requirements
   Eagle Registrations Certificate Number 3774

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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

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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/INO-001
Rev. 7/11

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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

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SUPELCO® Analytical
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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

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a) HPLC UV-254NM

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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.

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a) HPLC UV-254NM

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ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
2-METHYL-4,6-DINITROPHENOL	534-52-1	99.9	1001 +/- 5.0	LB31592
2-METHYLNAPHTHALENE	91-57-6	98.3	1000 +/- 5.0	LB44448
2-METHYLPHENOL	95-48-7	99.8	1000 +/- 5.0	LB30223
2-NITROANILINE	88-74-4	99.9	1000 +/- 5.0	LB49936
2-NITROPHENOL	88-75-5	99.9	1000 +/- 5.0	LB44736
2,3,4,6-TETRACHLOROPHENOL	58-90-2	98.4	1000 +/- 5.0	LB75078
2,4-DICHLOROPHENOL	120-83-2	98.8	1002 +/- 5.0	LB76837
2,4-DIMETHYLPHENOL	105-67-9	99.9	1000 +/- 5.0	LB88935
2,4-DINITROPHENOL	51-28-5	98.6	2003 +/- 10.0	LB28389
2,4-DINITROTOLUENE	121-14-2	96.0	1000 +/- 5.0	LB46632
2,4,5-TRICHLOROPHENOL	95-95-4	99.9	1000 +/- 5.0	LB35288
2,4,6-TRICHLOROPHENOL	88-06-2	99.9	1000 +/- 5.0	LB65559
2,6-DICHLOROPHENOL	87-65-0	99.9	1002 +/- 5.0	LB03525
2,6-DINITROTOLUENE	606-20-2	99.9	1000 +/- 5.0	LB79891
3-NITROANILINE	99-09-2	99.9	1000 +/- 5.0	LB73829
3,3-DICHLOROBENZIDINE	91-94-1	99.4	1000 +/- 5.0	LB68654
4-BROMOPHENYLPHENYL ETHER	101-55-3	98.8	1000 +/- 5.0	LB63786
4-CHLORO-3-METHYLPHENOL	59-50-7	99.9	1000 +/- 5.0	LB83265
4-CHLOROANILINE	106-47-8	99.9	1000 +/- 5.0	LB82916

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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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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
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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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

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a) HPLC UV-254NM

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ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
ISOPHORONE	78-59-1	99.1	1000	+/-	5.0	LB45460
N-NITROSODI-N-PROPYLAMINE	621-64-7	99.9	1000	+/-	5.0	LB79763
N-NITROSODIMETHYLAMINE	62-75-9	99.9	1000	+/-	5.0	LB83854
N-NITROSODIPHENYLAMINE	86-30-6	98.6	1001	+/-	5.0	LB17295
N-NITROSOPYRROLIDINE	930-55-2	99.9	1001	+/-	5.0	LB78816
NAPHTHALENE	91-20-3	99.9	1000	+/-	5.0	LB77841
NITROBENZENE	98-95-3	99.9	1000	+/-	5.0	LB47070
PENTACHLOROPHENOL	87-86-5	99.9	2000	+/-	10.0	LB75554
PHENANTHRENE	85-01-8	99.1	1000	+/-	5.0	LB68872
PHENOL	108-95-2	99.9	1002	+/-	5.0	LB57703
PYRENE	129-00-0	97.5	1000	+/-	5.0	LB70761
1,2-DICHLOROBENZENE	95-50-1	99.9	1000	+/-	5.0	LA96474
1,2,4-TRICHLOROBENZENE	120-82-1	99.5	1000	+/-	5.0	LB48083
1,2,4,5-TETRACHLOROBENZENE	95-94-3	99.9	1000	+/-	5.0	LB61817
1,3-DICHLOROBENZENE	541-73-1	99.9	1000	+/-	5.0	LB68066
1,4-DICHLOROBENZENE	106-46-7	99.9	1000	+/-	5.0	LB69983
1,4-DIOXANE	123-91-1	99.9	1002	+/-	5.0	LB82982
2-CHLORONAPHTHALENE	91-58-7	99.4	1000	+/-	5.0	LB48170
2-CHLOROPHENOL	95-57-8	99.6	999	+/-	5.0	LB83266

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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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a) HPLC UV-254NM

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ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
4-CHLOROPHENYLPHENYL ETHER	7005-72-3	99.9	1000 +/- 5.0	LB72185
4-METHYLPHENOL	106-44-5	99.9	1000 +/- 5.0	LB32518
4-NITROANILINE	100-01-6	99.9	1000 +/- 5.0	LB42566
4-NITROPHENOL	100-02-7	99.9	1001 +/- 5.0	LB83255

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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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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

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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.

(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
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.

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William J. Leary
Quality Assurance Manager

Surrogate

ULTRA SCIENTIFIC
Analytical Solutions

Certificate of Analysis

alpha,alpha,alpha-Trifluorotoluene Solution

Received 11/10/14

Product Number: STS-220N **Page:** 1 of 1

Lot Number: CE-1903A **Lot Issue Date:** 28-Jun-2011 **Expiration Date:** 31-Jul-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
a,a,a-trifluorotoluene	000098-08-8	TS 11520AS	2010 ± 10 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.

A2LA ACCREDITED
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ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

Surrogate

ULTRA SCIENTIFIC
Analytical Standards

Certificate of Analysis

alpha,alpha,alpha-Trifluorotoluene Solution

Product Number: STS-220N **Page:** 1 of 1

Lot Number: CE-1903A **Lot Issue Date:** 28-Jun-2011 **Expiration Date:** 31-Jul-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
a,a,a-trifluorotoluene	000098-08-8	TS 11520AS	2010 ± 10 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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William J. Leary
Quality Assurance Manager

3/15/11
TS

RESTEK

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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)

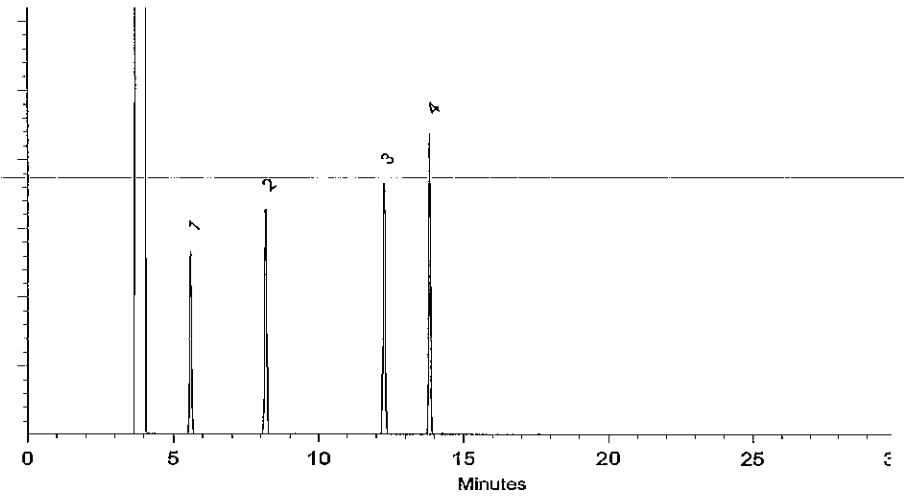
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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.

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Rec'd 5-9-12

ACCREDITED
Reference Material Producer
Certificate #3222.01

ACCREDITED
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

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. : 30216 **Lot No.:** A086152

Description : Vinyl Acetate Standard

Vinyl Acetate 2000ug/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 2013 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Vinyl acetate	2,000.0 ug/mL	+/- 11.6282	ug/mL	Gravimetric
	CAS # 108-05-4		+/- 159.7380	ug/mL	Unstressed
	Purity 99%		+/- 159.8162	ug/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods. Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent 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.

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Phone (814) 359-3441

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.

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11/23/11
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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 556005 **Lot No.:** A085142

Description : Custom Volatiles Mix 2

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] May 2013 **Storage:** 0°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	97%	2,500.2 ug/mL	+/- 14.6724 ug/mL
2	1,1-dichloroethene	75-35-4	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
3	Methyl acetate	79-20-9	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
4	Carbon disulfide	75-15-0	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
5	Methylene chloride (dichloromethane)	75-09-2	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
6	Methyl-tert-butyl ether (MTBE)	1634-04-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
7	cis-1,2-Dichloroethene	156-59-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
8	n-Hexane (C6)	110-54-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
9	1,1-Dichloroethane	75-34-3	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
10	trans-1,2-Dichloroethene	156-60-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
11	chloroform	67-66-3	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
12	1,1,1-trichloroethane	71-55-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
13	Cyclohexane	110-82-7	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
14	carbon tetrachloride	56-23-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
15	1,2-Dichloroethane	107-06-2	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
16	Benzene	71-43-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
17	Trichloroethene	79-01-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
18	Methylcyclohexane	108-87-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
19	1,2-Dichloropropane	78-87-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
20	bromodichloromethane	75-27-4	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
21	cis-1,3-Dichloropropene	10061-01-5	97%	2,500.0 ug/mL	+/- 17.8401 ug/mL
22	Toluene	108-88-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
23	trans-1,3-Dichloropropene	10061-02-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
24	1,1,2-Trichloroethane	79-00-5	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
25	Tetrachloroethene	127-18-4	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
26	dibromochloromethane	124-48-1	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
27	1,2-Dibromoethane (EDB)	106-93-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
28	Chlorobenzene	108-90-7	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
29	Ethylbenzene	100-41-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
30	m-Xylene	108-38-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
31	p-Xylene	106-42-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
32	o-Xylene	95-47-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
33	Styrene	100-42-5	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL

RESTEK

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RECD 5-16-12

Gravimetric Certificate

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. : 556006 **Lot No.:** A088418

Description : Custom 2-CEVE Standard

Custom 2-CEVE Standard 2500 ug/ml, P&T Methanol, 1 ml/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 2013 **Storage:** 0°C or colder

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	2-Chloroethyl vinyl ether	2,500.000 ug/mL	+/- 23.248656	ug/mL	Gravimetric
	CAS # 110-75-8		+/- 58.216192	ug/mL	Unstressed
	Purity 99%		+/- 58.430514	ug/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

F. Joseph Fallon - Mix Technician **Date Mixed:** 13-May-2012 **Balance:** 1121472889

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

VM556006-00007

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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Gravimetric Certificate

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. : 563785 **Lot No.:** A090840

Description : Custom Revised Volatiles Mix 1

Custom Revised Volatiles Mix 1 7500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 2012 **Storage:** 0°C or colder

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Acetonitrile	7,500.0 µg/mL	+/- 69.7460	µg/mL	Gravimetric
	CAS # 75-05-8		+/- 208.6888	µg/mL	Unstressed
	Purity 99%		+/- 257.0039	µg/mL	Stressed
2	Acrolein	7,500.0 µg/mL	+/- 69.7460	µg/mL	Gravimetric
	CAS # 107-02-8		+/- 208.6888	µg/mL	Unstressed
	Purity 99%		+/- 257.0039	µg/mL	Stressed
3	Acrylonitrile	7,500.0 µg/mL	+/- 69.7460	µg/mL	Gravimetric
	CAS # 107-13-1		+/- 208.6888	µg/mL	Unstressed
	Purity 99%		+/- 257.0039	µg/mL	Stressed

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Mary Ellen Wood - Mix Technician **Date Mixed:** 18-Sep-2012 **Balance:** 1125113331

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

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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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DESCRIPTION: 8260 Ketones Mix

CATALOG NO.: 861149 MFG DATE: Jun-2011

LOT NO.: LB85301 EXPIRATION DATE: Nov-2013

SOLVENT: METHANOL:WATER (30:70)

ANALYTE (1)	CAS NUMBER	PERCENT PURITY(2)	WEIGHT(3) CONCENTRATION	ANALYTICAL(4) CONCENTRATION	STD DEV	SUPELCO LOT NO
ACETONE	67-64-1	99.9	2000	1891	+/- 75.1	LB60265
CYCLOHEXANONE	108-94-1	99.5	20002	18806	+/- 673.6	LB67851
2-BUTANONE	78-93-3	99.9	2001	1888	+/- 78.2	LB38154
2-HEXANONE	591-78-6	99.9	2001	1877	+/- 70.9	LB57500
4-METHYL-2-PENTANONE	108-10-1	99.9	2001	1910	+/- 71.4	LB80301

VM 861149_ 00015

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

(4) Determined by chromatographic analysis against an independently prepared reference lot. Mean of replicate injections.

Elwood Doughty
Quality Control Supervisor

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-12302 **Page:** 1 of 2

Lot Number: CJ-3239 **Lot Issue Date:** 24-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
allyl chloride	000107-05-1	NT00409	50.3 ± 0.3 µg/mL
dichlorofluoromethane	000075-43-4	rm05287	50.2 ± 0.3 µg/mL
isopropyl ether	000108-20-3	RM04345	251.3 ± 1.3 µg/mL
chloroprene	000126-99-8	rm03863	50.0 ± 0.3 µg/mL
n-butyl alcohol	000071-36-3	RM01319	1005 ± 5 µg/mL
propionitrile	000107-12-0	RM05687	100.5 ± 0.5 µg/mL
methacrylonitrile	000126-98-7	RM05541	50.2 ± 0.3 µg/mL
isobutyl alcohol	000078-83-1	RM00981	1005 ± 5 µg/mL
methyl methacrylate	000080-62-6	RM00686	50.3 ± 0.3 µg/mL
diethyl ether	000060-29-7	RM04318	50.3 ± 0.3 µg/mL
ethyl acetate	000141-78-6	RM01211	100.4 ± 0.5 µg/mL
2-nitropropane	000079-46-9	RM02410	100.5 ± 0.5 µg/mL
cyclohexanone	000108-94-1	RM00480	502.4 ± 2.5 µg/mL
ETBE	000637-92-3	RM05301	50.3 ± 0.3 µg/mL
TAME	000994-05-8	RM00554	50.3 ± 0.3 µg/mL
1,2,3-trimethylbenzene	000526-73-8	RM00843	50.3 ± 0.3 µg/mL
n-heptane	000142-82-5	RM04192	50.0 ± 0.3 µg/mL
n-butyl acetate	000123-86-4	RM01217	100.2 ± 0.5 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.

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William J. Leary
Quality Assurance Manager

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Product Number: CUS-12302 **Page:** 2 of 2

Lot Number: CJ-3239 **Lot Issue Date:** 24-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.

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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William J. Leary
Quality Assurance Manager

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Product Number: CUS-5013 **Page:** 1 of 1

Lot Number: CJ-3443 **Lot Issue Date:** 13-Sep-2012 **Expiration Date:** 31-Jan-2013

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
vinyl acetate	000108-05-4	RM04478	2507 ± 13 µg/mL
methyl acetate	000079-20-9	NT02091	2505 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Quality Assurance Manager

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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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Quality Assurance Manager

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Product Number: CUS-7814 **Page:** 2 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

1,2-dichloropropane	000078-87-5	DC-120777	50.2 ± 0.3 µg/mL
cis-1,3-dichloropropene	010061-01-5	PR-110509-01	50.2 ± 0.3 µg/mL
trichloroethene	000079-01-6	KN-08846KN	50.2 ± 0.3 µg/mL
dibromochloromethane	000124-48-1	MU-07705AN	50.2 ± 0.3 µg/mL
1,2-dibromoethane	000106-93-4	TB-101777	50.2 ± 0.3 µg/mL
1,2,3-trichloropropane	000096-18-4	01610KH	50.2 ± 0.3 µg/mL
1,1,2-trichloroethane	000079-00-5	JB-0701HH	50.2 ± 0.3 µg/mL
benzene	000071-43-2	34097	50.2 ± 0.3 µg/mL
ethyl methacrylate	000097-63-2	04004EH	50.2 ± 0.3 µg/mL
trans-1,3-dichloropropene	010061-02-6	SR101007-01	50.2 ± 0.3 µg/mL
bromoform	000075-25-2	12312KC	50.2 ± 0.3 µg/mL
tetrachloroethene	000127-18-4	PS-00344BR	50.2 ± 0.3 µg/mL
toluene	000108-88-3	47144	50.2 ± 0.3 µg/mL
1,1,2,2-tetrachloroethane	000079-34-5	10917TB	50.2 ± 0.3 µg/mL
chlorobenzene	000108-90-7	07774MG	50.2 ± 0.3 µg/mL
ethylbenzene	000100-41-4	01558CC	50.2 ± 0.3 µg/mL
styrene	000100-42-5	LR-11228MQ	50.2 ± 0.3 µg/mL
trans-1,4-dichloro-2-butene	000110-57-6	17013BH	50.2 ± 0.3 µg/mL
m-xylene	000108-38-3	DI-00459CI	50.2 ± 0.3 µg/mL

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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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

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:** 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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William J. Leary
Quality Assurance Manager

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2/1/12
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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

VM CUS 8125- 00007

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-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.

ACCREDITED
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William J. Leary
Quality Assurance Manager

Certificate of Analysis

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9/20/12
TJ

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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Quality Assurance Manager

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REC'D 5-15-12

VOC Gas Mixture

Product Number: DWM-544 **Page:** 1 of 1

Lot Number: CJ-0858 **Lot Issue Date:** 15-Mar-2012 **Expiration Date:** 30-Apr-2015

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
bromomethane	000074-83-9	06623AQ	2008 ± 10 µg/mL
chloroethane	000075-00-3	00223KG	2009 ± 10 µg/mL
chloromethane	000074-87-3	07-44048	2008 ± 10 µg/mL
dichlorodifluoromethane	000075-71-8	Q96-67	2008 ± 10 µg/mL
trichlorofluoromethane	000075-69-4	DR-16417BR	2006 ± 10 µg/mL
vinyl chloride	000075-01-4	1201FC10	2008 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VM DWM544_00011

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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William J. Leary
Quality Assurance Manager

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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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William J. Leary
Quality Assurance Manager

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RECD 5-15-12

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Method 8260 Surrogate Standard Mixture

Product Number: STM-530 **Page:** 1 of 1

Lot Number: CJ-1280 **Lot Issue Date:** 17-Apr-2012 **Expiration Date:** 31-May-2015

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
4-bromofluorobenzene	000460-00-4	RM03908-	2512 ± 13 µg/mL
dibromofluoromethane	001868-53-7	RM04871-01	2512 ± 13 µg/mL
1,2-dichloroethane-d4	017060-07-0	RM04304-	2512 ± 13 µg/mL
toluene-d8	002037-26-5	RM04138-	2512 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VMSTM530_ 00014

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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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William J. Leary
Quality Assurance Manager

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RECD
5-15-M

2-Methylnaphthalene Solution

Product Number: SV-200 **Page:** 1 of 1

Lot Number: CC-1268Z **Lot Issue Date:** 15-Jul-2011 **Expiration Date:** 31-Aug-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
2-methylnaphthalene	000091-57-6	15416DA	100.4 ± 0.5 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at Room Temperature (18-25° C)

VMSV200_00008

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

Certification Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-17768-1

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	Minnesota	NELAP	5	039-999-348
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	West Virginia DEP	State Program	3	210
TestAmerica Canton	Wisconsin	State Program	5	999518190

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.: 240-17768-1

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 240-66063/14	86	91	88	87
	MRL 240-66063/34	85	95	91	92
	MRL 240-66175/5	88	94	93	87
	MRL 240-66175/33	84	93	92	86
	MRL 240-66239/5	86	93	91	89
	MRL 240-66239/31	85	91	94	88

	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.: 240-17768-1

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 #
70SB-0011M-0001-SO	240-17768-1	84	97	93	87
70SB-0013M-0001-SO	240-17768-3	82	95	98	98
70SB-0015M-0001-SO	240-17768-5	83	95	94	89
70SB-0016M-0001-SO	240-17768-6	81	96	93	89
70SB-0017M-0001-SO	240-17768-7	83	94	94	94
076SB-0037M-0001-SO	240-17768-9	81	91	98	101
076SB-0038M-0001-SO	240-17768-10	80	90	90	87
076SB-0039M-0001-SO	240-17768-11	90	102	90	69 Q
076SB-0040M-0001-SO	240-17768-12	80	91	89	87
076SB-0041M-0001-SO	240-17768-13	81	93	92	87
076SB-0042M-0001-SO	240-17768-14	87	94	93	77 Q
076SB-0043M-0001-SO	240-17768-15	80	94	93	92
076SB-0030M-0001-SO	240-17768-17	81	98	92	88
076SB-0031M-0001-SO	240-17768-18	81	93	96	93
076SB-0032M-0001-SO	240-17768-19	83	99	91	87
076SB-0033M-0001-SO	240-17768-20	78	95	87	89
076SB-0035M-0001-SO	240-17768-22	82	94	88	88
076SB-0036M-0001-SO	240-17768-23	84	96	94	93
	MB 240-66063/17	85	93	90	87
	MB 240-66175/8	84	95	93	89
	MB 240-66239/8	82	91	89	85
	LCS 240-66063/16	92	93	93	92
	LCS 240-66175/7	93	92	93	95
	LCS 240-66239/7	91	91	93	90

	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
70SB-0012M-0001-SO	240-17768-2	72	83	63 Q	62 Q
70SB-0014M-0001-SO	240-17768-4	76	88	74 Q	73 Q
076SB-0034M-0001-SO	240-17768-21	72	83	73 Q	79 Q
	MB 240-65921/1-A	77	89	86	82 Q
	LCS 240-65921/2-A	84	90	87	86

	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.: 240-17768-1

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 240-65929/7	98	102	105	83
	MRL 240-65929/20	105	110	111	90

	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.: 240-17768-1

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 #
70SB-0018-0001-TB	240-17768-8	102	104	101	76
076SB-0044-0001-TB	240-17768-16	108	112	104	78
	MB 240-65929/6	101	108	102	81
	LCS 240-65929/4	96	101	102	94

	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: 149411.D

Lab ID: LCS 240-65921/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	500	430	86	70-135	
1,1,2,2-Tetrachloroethane	500	475	95	55-130	
1,1,2-Trichloroethane	500	510	102	60-125	
1,1-Dichloroethane	500	490	98	75-125	
1,1-Dichloroethene	500	448	90	65-135	
1,2-Dichloroethane	500	492	98	70-135	
1,2-Dichloropropane	500	494	99	70-120	
2-Butanone (MEK)	1000	972 J	97	30-160	
2-Hexanone	1000	922 J	92	45-145	
4-Methyl-2-pentanone (MIBK)	1000	956 J	96	45-145	
Acetone	1000	953 J	95	20-160	
Benzene	500	484	97	75-125	
Bromoform	500	471	94	55-135	
Bromomethane	500	299	60	30-160	
Carbon disulfide	500	372	74	45-160	
Carbon tetrachloride	500	474	95	65-135	
Chlorobenzene	500	494	99	75-125	
Bromodichloromethane	500	470	94	70-130	
Chloromethane	500	317	63	50-130	
cis-1,3-Dichloropropene	500	464	93	70-125	
Dibromochloromethane	500	455	91	65-130	
Ethylbenzene	500	517	103	75-125	
Methyl tert-butyl ether	500	455	91	70-130	
Methylene Chloride	500	439	88	55-140	
Styrene	500	494	99	75-125	
Tetrachloroethene	500	515	103	65-140	
Toluene	500	522	104	70-125	
Chloroform	500	480	96	70-125	
Bromochloromethane	500	458	92	70-125	
trans-1,3-Dichloropropene	500	472	94	65-125	
Trichloroethene	500	532	106	75-125	
Vinyl chloride	500	326	65	60-125	
Chloroethane	500	381	76	40-155	
Xylenes, Total	1500	1520	102	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.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX1130.D

Lab ID: LCS 240-65929/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	10.0	9.78	98	65-130	
1,1,2,2-Tetrachloroethane	10.0	9.31	93	65-130	
1,1,2-Trichloroethane	10.0	9.60	96	75-125	
1,1-Dichloroethane	10.0	10.3	103	70-135	
1,1-Dichloroethene	10.0	10.4	104	70-130	
1,2-Dichloroethane	10.0	10.1	101	70-130	
1,2-Dichloropropane	10.0	9.37	94	75-125	
2-Butanone (MEK)	20.0	18.6	93	30-150	
2-Hexanone	20.0	18.6	93	55-130	
4-Methyl-2-pentanone (MIBK)	20.0	18.4	92	60-135	
Acetone	20.0	21.0	105	40-140	
Benzene	10.0	9.60	96	80-120	
Bromoform	10.0	8.33	83	70-130	
Bromomethane	10.0	6.91	69	30-145	
Carbon disulfide	10.0	10.5	105	35-160	
Carbon tetrachloride	10.0	9.85	98	65-140	
Chlorobenzene	10.0	9.16	92	80-120	
Bromodichloromethane	10.0	9.51	95	75-120	
Chloromethane	10.0	9.01	90	40-125	
cis-1,3-Dichloropropene	10.0	8.52	85	70-130	
Dibromochloromethane	10.0	8.97	90	60-135	
Ethylbenzene	10.0	9.67	97	75-125	
Methyl tert-butyl ether	10.0	9.10	91	65-125	
Methylene Chloride	10.0	10.5	105	55-140	
Styrene	10.0	9.45	94	65-135	
Tetrachloroethene	10.0	9.55	95	45-150	
Toluene	10.0	9.91	99	75-120	
Chloroform	10.0	9.35	94	65-135	
Bromochloromethane	10.0	9.26	93	65-130	
trans-1,3-Dichloropropene	10.0	9.06	91	55-140	
Trichloroethene	10.0	8.89	89	70-125	
Vinyl chloride	10.0	9.88	99	50-145	
Chloroethane	10.0	7.19	72	60-135	
Xylenes, Total	30.0	28.9	96	75-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149382.D

Lab ID: LCS 240-66063/16 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	50.0	52.6	105	70-135	
1,1,2,2-Tetrachloroethane	50.0	52.0	104	55-130	
1,1,2-Trichloroethane	50.0	52.1	104	60-125	
1,1-Dichloroethane	50.0	53.0	106	75-125	
1,1-Dichloroethene	50.0	52.1	104	65-135	
1,2-Dichloroethane	50.0	50.9	102	70-135	
1,2-Dichloropropane	50.0	52.9	106	70-120	
2-Butanone (MEK)	100	105	105	30-160	
2-Hexanone	100	107	107	45-145	
4-Methyl-2-pentanone (MIBK)	100	107	107	45-145	
Acetone	100	141	141	20-160	
Benzene	50.0	50.8	102	75-125	
Bromoform	50.0	46.7	93	55-135	
Bromomethane	50.0	42.1	84	30-160	
Carbon disulfide	50.0	46.0	92	45-160	
Carbon tetrachloride	50.0	48.6	97	65-135	
Chlorobenzene	50.0	49.0	98	75-125	
Bromodichloromethane	50.0	47.6	95	70-130	
Chloromethane	50.0	46.2	92	50-130	
cis-1,3-Dichloropropene	50.0	44.9	90	70-125	
Dibromochloromethane	50.0	43.6	87	65-130	
Ethylbenzene	50.0	51.6	103	75-125	
Methyl tert-butyl ether	50.0	50.6	101	70-130	
Methylene Chloride	50.0	50.3	101	55-140	
Styrene	50.0	53.1	106	75-125	
Tetrachloroethene	50.0	51.3	103	65-140	
Toluene	50.0	50.0	100	70-125	
Chloroform	50.0	51.0	102	70-125	
Bromochloromethane	50.0	50.9	102	70-125	
trans-1,3-Dichloropropene	50.0	45.5	91	65-125	
Trichloroethene	50.0	53.7	107	75-125	
Vinyl chloride	50.0	46.1	92	60-125	
Chloroethane	50.0	46.0	92	40-155	
Xylenes, Total	150	154	102	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149406.D

Lab ID: LCS 240-66175/7 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	50.0	50.9	102	70-135	
1,1,2,2-Tetrachloroethane	50.0	52.1	104	55-130	
1,1,2-Trichloroethane	50.0	51.5	103	60-125	
1,1-Dichloroethane	50.0	53.2	106	75-125	
1,1-Dichloroethene	50.0	52.1	104	65-135	
1,2-Dichloroethane	50.0	50.9	102	70-135	
1,2-Dichloropropane	50.0	52.4	105	70-120	
2-Butanone (MEK)	100	106	106	30-160	
2-Hexanone	100	105	105	45-145	
4-Methyl-2-pentanone (MIBK)	100	105	105	45-145	
Acetone	100	149	149	20-160	
Benzene	50.0	51.4	103	75-125	
Bromoform	50.0	45.4	91	55-135	
Bromomethane	50.0	38.7	77	30-160	
Carbon disulfide	50.0	41.9	84	45-160	
Carbon tetrachloride	50.0	48.2	96	65-135	
Chlorobenzene	50.0	48.4	97	75-125	
Bromodichloromethane	50.0	47.7	95	70-130	
Chloromethane	50.0	41.9	84	50-130	
cis-1,3-Dichloropropene	50.0	45.0	90	70-125	
Dibromochloromethane	50.0	43.7	87	65-130	
Ethylbenzene	50.0	50.2	100	75-125	
Methyl tert-butyl ether	50.0	50.9	102	70-130	
Methylene Chloride	50.0	48.6	97	55-140	
Styrene	50.0	51.8	104	75-125	
Tetrachloroethene	50.0	49.5	99	65-140	
Toluene	50.0	50.0	100	70-125	
Chloroform	50.0	50.7	101	70-125	
Bromochloromethane	50.0	50.2	100	70-125	
trans-1,3-Dichloropropene	50.0	45.4	91	65-125	
Trichloroethene	50.0	53.5	107	75-125	
Vinyl chloride	50.0	42.7	85	60-125	
Chloroethane	50.0	44.1	88	40-155	
Xylenes, Total	150	150	100	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149440.D

Lab ID: LCS 240-66239/7 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	50.0	51.0	102	70-135	
1,1,2,2-Tetrachloroethane	50.0	52.3	105	55-130	
1,1,2-Trichloroethane	50.0	52.0	104	60-125	
1,1-Dichloroethane	50.0	53.7	107	75-125	
1,1-Dichloroethene	50.0	52.4	105	65-135	
1,2-Dichloroethane	50.0	50.8	102	70-135	
1,2-Dichloropropane	50.0	53.0	106	70-120	
2-Butanone (MEK)	100	101	101	30-160	
2-Hexanone	100	105	105	45-145	
4-Methyl-2-pentanone (MIBK)	100	107	107	45-145	
Acetone	100	125	125	20-160	
Benzene	50.0	51.1	102	75-125	
Bromoform	50.0	45.8	92	55-135	
Bromomethane	50.0	37.3	75	30-160	
Carbon disulfide	50.0	42.1	84	45-160	
Carbon tetrachloride	50.0	47.9	96	65-135	
Chlorobenzene	50.0	48.8	98	75-125	
Bromodichloromethane	50.0	47.6	95	70-130	
Chloromethane	50.0	43.8	88	50-130	
cis-1,3-Dichloropropene	50.0	45.2	90	70-125	
Dibromochloromethane	50.0	44.3	89	65-130	
Ethylbenzene	50.0	51.4	103	75-125	
Methyl tert-butyl ether	50.0	51.3	103	70-130	
Methylene Chloride	50.0	51.0	102	55-140	
Styrene	50.0	52.8	106	75-125	
Tetrachloroethene	50.0	51.0	102	65-140	
Toluene	50.0	50.5	101	70-125	
Chloroform	50.0	50.4	101	70-125	
Bromochloromethane	50.0	50.7	101	70-125	
trans-1,3-Dichloropropene	50.0	46.0	92	65-125	
Trichloroethene	50.0	53.1	106	75-125	
Vinyl chloride	50.0	43.6	87	60-125	
Chloroethane	50.0	45.8	92	40-155	
Xylenes, Total	150	152	101	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX1133.D

Lab ID: MRL 240-65929/7 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.00100	0.00105	105	70-130	
1,1,2,2-Tetrachloroethane	0.00100	0.00110	110	70-130	
1,1,2-Trichloroethane	0.00100	0.00106	106	70-130	
1,1-Dichloroethane	0.00100	0.00112	112	70-130	
1,1-Dichloroethene	0.00100	0.00122	122	70-130	
1,2-Dichloroethane	0.00100	0.00105	105	70-130	
1,2-Dichloropropane	0.00100	0.000995 J	100	70-130	
2-Butanone (MEK)	0.0100	0.00706 J	71	70-130	
2-Hexanone	0.0100	0.00813 J	81	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00737 J	74	70-130	
Acetone	0.0100	0.00622 J	62	70-130	^
Benzene	0.00100	0.00102	102	70-130	
Bromoform	0.00100	0.000851 J	85	70-130	
Bromomethane	0.00100	0.00107	107	70-130	
Carbon disulfide	0.00100	0.00117	117	70-130	
Carbon tetrachloride	0.00100	0.00110	110	70-130	
Chlorobenzene	0.00100	0.000940 J	94	70-130	
Bromodichloromethane	0.00100	0.000961 J	96	70-130	
Chloromethane	0.00100	0.00111	111	70-130	
cis-1,3-Dichloropropene	0.00100	0.000807 J	81	70-130	
Dibromochloromethane	0.00100	0.000911 J	91	70-130	
Ethylbenzene	0.00100	0.000891 J	89	70-130	
Methyl tert-butyl ether	0.00100	0.000912 J	91	70-130	
Methylene Chloride	0.00100	0.00341	341	70-130	^
Styrene	0.00100	0.000694 J	69	70-130	^
Tetrachloroethene	0.00100	0.00122	122	70-130	
Toluene	0.00100	0.00107	107	70-130	
Chloroform	0.00100	0.00107	107	70-130	
Bromochloromethane	0.00100	0.000996 J	100	70-130	
trans-1,3-Dichloropropene	0.00100	0.000811 J	81	70-130	
Trichloroethene	0.00100	0.00103	103	70-130	
Vinyl chloride	0.00100	0.00118	118	70-130	
Chloroethane	0.00100	0.00102	102	70-130	
Xylenes, Total	0.00300	0.00257	86	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.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX1146.D

Lab ID: MRL 240-65929/20 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.00100	0.00108	108	70-130	
1,1,2,2-Tetrachloroethane	0.00100	0.00113	113	70-130	
1,1,2-Trichloroethane	0.00100	0.000935 J	93	70-130	
1,1-Dichloroethane	0.00100	0.00105	105	70-130	
1,1-Dichloroethene	0.00100	0.00102	102	70-130	
1,2-Dichloroethane	0.00100	0.00108	108	70-130	
1,2-Dichloropropane	0.00100	0.000939 J	94	70-130	
2-Butanone (MEK)	0.0100	0.00946 J	95	70-130	
2-Hexanone	0.0100	0.00929 J	93	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00890 J	89	70-130	
Acetone	0.0100	0.00626 J	63	70-130	^
Benzene	0.00100	0.00103	103	70-130	
Bromoform	0.00100	0.000777 J	78	70-130	
Bromomethane	0.00100	0.00116	116	70-130	
Carbon disulfide	0.00100	0.00107	107	70-130	
Carbon tetrachloride	0.00100	0.00102	102	70-130	
Chlorobenzene	0.00100	0.000958 J	96	70-130	
Bromodichloromethane	0.00100	0.000869 J	87	70-130	
Chloromethane	0.00100	0.00107	107	70-130	
cis-1,3-Dichloropropene	0.00100	0.000769 J	77	70-130	
Dibromochloromethane	0.00100	0.000849 J	85	70-130	
Ethylbenzene	0.00100	0.000841 J	84	70-130	
Methyl tert-butyl ether	0.00100	0.000910 J	91	70-130	
Methylene Chloride	0.00100	0.00242	242	70-130	^
Styrene	0.00100	0.000707 J	71	70-130	
Tetrachloroethene	0.00100	0.00101	101	70-130	
Toluene	0.00100	0.00104	104	70-130	
Chloroform	0.00100	0.00102	102	70-130	
Bromochloromethane	0.00100	0.000992 J	99	70-130	
trans-1,3-Dichloropropene	0.00100	0.000871 J	87	70-130	
Trichloroethene	0.00100	0.000933 J	93	70-130	
Vinyl chloride	0.00100	0.00130	130	70-130	
Chloroethane	0.00100	0.00108	108	70-130	
Xylenes, Total	0.00300	0.00238	79	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149380.D

Lab ID: MRL 240-66063/14 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.00500	0.00454	91	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00497	99	70-130	
1,1,2-Trichloroethane	0.00500	0.00513	103	70-130	
1,1-Dichloroethane	0.00500	0.00504	101	70-130	
1,1-Dichloroethene	0.00500	0.00520	104	70-130	
1,2-Dichloroethane	0.00500	0.00528	106	70-130	
1,2-Dichloropropane	0.00500	0.00526	105	70-130	
2-Butanone (MEK)	0.0100	0.0108	108	70-130	
2-Hexanone	0.0100	0.0100	100	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00938 J	94	70-130	
Acetone	0.0100	0.0257	257	70-130	^
Benzene	0.00500	0.00533	107	70-130	
Bromoform	0.00500	0.00675	135	70-130	^
Bromomethane	0.00500	0.00570	114	70-130	
Carbon disulfide	0.00500	0.00599	120	70-130	
Carbon tetrachloride	0.00500	0.00592	118	70-130	
Chlorobenzene	0.00500	0.00519	104	70-130	
Bromodichloromethane	0.00500	0.00610	122	70-130	
Chloromethane	0.00500	0.00561	112	70-130	
cis-1,3-Dichloropropene	0.00500	0.00632	126	70-130	
Dibromochloromethane	0.00500	0.00634	127	70-130	
Ethylbenzene	0.00500	0.00524	105	70-130	
Methyl tert-butyl ether	0.00500	0.00488	98	70-130	
Methylene Chloride	0.00500	0.00413	83	70-130	
Styrene	0.00500	0.00506	101	70-130	
Tetrachloroethene	0.00500	0.00511	102	70-130	
Toluene	0.00500	0.00512	102	70-130	
Chloroform	0.00500	0.00504	101	70-130	
Bromochloromethane	0.00500	0.00521	104	70-130	
trans-1,3-Dichloropropene	0.00500	0.00618	124	70-130	
Trichloroethene	0.00500	0.00531	106	70-130	
Vinyl chloride	0.00500	0.00569	114	70-130	
Chloroethane	0.00500	0.00543	109	70-130	
Xylenes, Total	0.0150	0.0157	104	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149399.D

Lab ID: MRL 240-66063/34 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.00500	0.00438	88	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00486	97	70-130	
1,1,2-Trichloroethane	0.00500	0.00547	109	70-130	
1,1-Dichloroethane	0.00500	0.00487	97	70-130	
1,1-Dichloroethene	0.00500	0.00502	100	70-130	
1,2-Dichloroethane	0.00500	0.00515	103	70-130	
1,2-Dichloropropane	0.00500	0.00532	106	70-130	
2-Butanone (MEK)	0.0100	0.0127	127	70-130	
2-Hexanone	0.0100	0.0103	103	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00978 J	98	70-130	
Acetone	0.0100	0.0285	285	70-130	^
Benzene	0.00500	0.00524	105	70-130	
Bromoform	0.00500	0.00617	123	70-130	
Bromomethane	0.00500	0.00584	117	70-130	
Carbon disulfide	0.00500	0.00554	111	70-130	
Carbon tetrachloride	0.00500	0.00585	117	70-130	
Chlorobenzene	0.00500	0.00506	101	70-130	
Bromodichloromethane	0.00500	0.00601	120	70-130	
Chloromethane	0.00500	0.00561	112	70-130	
cis-1,3-Dichloropropene	0.00500	0.00594	119	70-130	
Dibromochloromethane	0.00500	0.00620	124	70-130	
Ethylbenzene	0.00500	0.00525	105	70-130	
Methyl tert-butyl ether	0.00500	0.00477	95	70-130	
Methylene Chloride	0.00500	0.00697	139	70-130	^
Styrene	0.00500	0.00474	95	70-130	
Tetrachloroethene	0.00500	0.00517	103	70-130	
Toluene	0.00500	0.00516	103	70-130	
Chloroform	0.00500	0.00479	96	70-130	
Bromochloromethane	0.00500	0.00475	95	70-130	
trans-1,3-Dichloropropene	0.00500	0.00577	115	70-130	
Trichloroethene	0.00500	0.00532	106	70-130	
Vinyl chloride	0.00500	0.00564	113	70-130	
Chloroethane	0.00500	0.00541	108	70-130	
Xylenes, Total	0.0150	0.0151	100	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149404.D

Lab ID: MRL 240-66175/5 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.00500	0.00464	93	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00487	97	70-130	
1,1,2-Trichloroethane	0.00500	0.00510	102	70-130	
1,1-Dichloroethane	0.00500	0.00511	102	70-130	
1,1-Dichloroethene	0.00500	0.00462	92	70-130	
1,2-Dichloroethane	0.00500	0.00536	107	70-130	
1,2-Dichloropropane	0.00500	0.00514	103	70-130	
2-Butanone (MEK)	0.0100	0.0102	102	70-130	
2-Hexanone	0.0100	0.00900 J	90	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00970 J	97	70-130	
Acetone	0.0100	0.0239	239	70-130	^
Benzene	0.00500	0.00514	103	70-130	
Bromoform	0.00500	0.00667	133	70-130	^
Bromomethane	0.00500	0.00594	119	70-130	
Carbon disulfide	0.00500	0.00576	115	70-130	
Carbon tetrachloride	0.00500	0.00606	121	70-130	
Chlorobenzene	0.00500	0.00516	103	70-130	
Bromodichloromethane	0.00500	0.00604	121	70-130	
Chloromethane	0.00500	0.00538	108	70-130	
cis-1,3-Dichloropropene	0.00500	0.00602	120	70-130	
Dibromochloromethane	0.00500	0.00637	127	70-130	
Ethylbenzene	0.00500	0.00528	106	70-130	
Methyl tert-butyl ether	0.00500	0.00513	103	70-130	
Methylene Chloride	0.00500	0.00357	71	70-130	
Styrene	0.00500	0.00473	95	70-130	
Tetrachloroethene	0.00500	0.00535	107	70-130	
Toluene	0.00500	0.00529	106	70-130	
Chloroform	0.00500	0.00515	103	70-130	
Bromochloromethane	0.00500	0.00479	96	70-130	
trans-1,3-Dichloropropene	0.00500	0.00606	121	70-130	
Trichloroethene	0.00500	0.00531	106	70-130	
Vinyl chloride	0.00500	0.00543	109	70-130	
Chloroethane	0.00500	0.00591	118	70-130	
Xylenes, Total	0.0150	0.0153	102	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149432.D

Lab ID: MRL 240-66175/33 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.00500	0.00416	83	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00479	96	70-130	
1,1,2-Trichloroethane	0.00500	0.00527	105	70-130	
1,1-Dichloroethane	0.00500	0.00487	97	70-130	
1,1-Dichloroethene	0.00500	0.00460	92	70-130	
1,2-Dichloroethane	0.00500	0.00527	105	70-130	
1,2-Dichloropropane	0.00500	0.00525	105	70-130	
2-Butanone (MEK)	0.0100	0.0110	110	70-130	
2-Hexanone	0.0100	0.00929 J	93	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00958 J	96	70-130	
Acetone	0.0100	0.0335	335	70-130	^
Benzene	0.00500	0.00517	103	70-130	
Bromoform	0.00500	0.00639	128	70-130	
Bromomethane	0.00500	0.00525	105	70-130	
Carbon disulfide	0.00500	0.00495	99	70-130	
Carbon tetrachloride	0.00500	0.00561	112	70-130	
Chlorobenzene	0.00500	0.00514	103	70-130	
Bromodichloromethane	0.00500	0.00578	116	70-130	
Chloromethane	0.00500	0.00493	99	70-130	
cis-1,3-Dichloropropene	0.00500	0.00583	117	70-130	
Dibromochloromethane	0.00500	0.00608	122	70-130	
Ethylbenzene	0.00500	0.00502	100	70-130	
Methyl tert-butyl ether	0.00500	0.00505	101	70-130	
Methylene Chloride	0.00500	0.00317	63	70-130	^
Styrene	0.00500	0.00443	89	70-130	
Tetrachloroethene	0.00500	0.00492	98	70-130	
Toluene	0.00500	0.00525	105	70-130	
Chloroform	0.00500	0.00475	95	70-130	
Bromochloromethane	0.00500	0.00466	93	70-130	
trans-1,3-Dichloropropene	0.00500	0.00586	117	70-130	
Trichloroethene	0.00500	0.00522	104	70-130	
Vinyl chloride	0.00500	0.00467	93	70-130	
Chloroethane	0.00500	0.00442	88	70-130	
Xylenes, Total	0.0150	0.0148	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149438.D

Lab ID: MRL 240-66239/5 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.00500	0.00444	89	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00490	98	70-130	
1,1,2-Trichloroethane	0.00500	0.00488	98	70-130	
1,1-Dichloroethane	0.00500	0.00480	96	70-130	
1,1-Dichloroethene	0.00500	0.00478	96	70-130	
1,2-Dichloroethane	0.00500	0.00498	100	70-130	
1,2-Dichloropropane	0.00500	0.00503	101	70-130	
2-Butanone (MEK)	0.0100	0.0113	113	70-130	
2-Hexanone	0.0100	0.0108	108	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00995 J	100	70-130	
Acetone	0.0100	0.0220	220	70-130	^
Benzene	0.00500	0.00493	99	70-130	
Bromoform	0.00500	0.00660	132	70-130	^
Bromomethane	0.00500	0.00506	101	70-130	
Carbon disulfide	0.00500	0.00569	114	70-130	
Carbon tetrachloride	0.00500	0.00576	115	70-130	
Chlorobenzene	0.00500	0.00496	99	70-130	
Bromodichloromethane	0.00500	0.00597	119	70-130	
Chloromethane	0.00500	0.00484	97	70-130	
cis-1,3-Dichloropropene	0.00500	0.00604	121	70-130	
Dibromochloromethane	0.00500	0.00624	125	70-130	
Ethylbenzene	0.00500	0.00498	100	70-130	
Methyl tert-butyl ether	0.00500	0.00493	99	70-130	
Methylene Chloride	0.00500	0.00481	96	70-130	
Styrene	0.00500	0.00470	94	70-130	
Tetrachloroethene	0.00500	0.00530	106	70-130	
Toluene	0.00500	0.00505	101	70-130	
Chloroform	0.00500	0.00481	96	70-130	
Bromochloromethane	0.00500	0.00476	95	70-130	
trans-1,3-Dichloropropene	0.00500	0.00608	122	70-130	
Trichloroethene	0.00500	0.00516	103	70-130	
Vinyl chloride	0.00500	0.00498	100	70-130	
Chloroethane	0.00500	0.00467	93	70-130	
Xylenes, Total	0.0150	0.0152	101	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149464.D

Lab ID: MRL 240-66239/31 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.00500	0.00449	90	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00514	103	70-130	
1,1,2-Trichloroethane	0.00500	0.00543	109	70-130	
1,1-Dichloroethane	0.00500	0.00504	101	70-130	
1,1-Dichloroethene	0.00500	0.00487	97	70-130	
1,2-Dichloroethane	0.00500	0.00525	105	70-130	
1,2-Dichloropropane	0.00500	0.00517	103	70-130	
2-Butanone (MEK)	0.0100	0.0113	113	70-130	
2-Hexanone	0.0100	0.00898 J	90	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00946 J	95	70-130	
Acetone	0.0100	0.0323	323	70-130	^
Benzene	0.00500	0.00538	108	70-130	
Bromoform	0.00500	0.00644	129	70-130	
Bromomethane	0.00500	0.00523	105	70-130	
Carbon disulfide	0.00500	0.00541	108	70-130	
Carbon tetrachloride	0.00500	0.00553	111	70-130	
Chlorobenzene	0.00500	0.00524	105	70-130	
Bromodichloromethane	0.00500	0.00596	119	70-130	
Chloromethane	0.00500	0.00462	92	70-130	
cis-1,3-Dichloropropene	0.00500	0.00591	118	70-130	
Dibromochloromethane	0.00500	0.00634	127	70-130	
Ethylbenzene	0.00500	0.00538	108	70-130	
Methyl tert-butyl ether	0.00500	0.00499	100	70-130	
Methylene Chloride	0.00500	0.00800	160	70-130	^
Styrene	0.00500	0.00477	95	70-130	
Tetrachloroethene	0.00500	0.00534	107	70-130	
Toluene	0.00500	0.00551	110	70-130	
Chloroform	0.00500	0.00490	98	70-130	
Bromochloromethane	0.00500	0.00502	100	70-130	
trans-1,3-Dichloropropene	0.00500	0.00587	117	70-130	
Trichloroethene	0.00500	0.00532	106	70-130	
Vinyl chloride	0.00500	0.00468	94	70-130	
Chloroethane	0.00500	0.00487	97	70-130	
Xylenes, Total	0.0150	0.0157	105	70-130	

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.: 240-17768-1

SDG No.:

Lab File ID: 149383.D Lab Sample ID: MB 240-66063/17

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 11/23/2012 15:13

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 240-66063/16	149382.D	11/23/2012 14:51
70SB-0011M-0001-SO	240-17768-1	149395.D	11/23/2012 19:31
70SB-0013M-0001-SO	240-17768-3	149396.D	11/23/2012 19:53
70SB-0015M-0001-SO	240-17768-5	149397.D	11/23/2012 20:14
70SB-0016M-0001-SO	240-17768-6	149398.D	11/23/2012 20:36

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab File ID: 149407.D Lab Sample ID: MB 240-66175/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 11/25/2012 09:59

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 240-66175/7	149406.D	11/25/2012 09:38
70SB-0017M-0001-SO	240-17768-7	149420.D	11/25/2012 14:39
076SB-0037M-0001-SO	240-17768-9	149421.D	11/25/2012 15:01
076SB-0039M-0001-SO	240-17768-11	149423.D	11/25/2012 15:44
076SB-0041M-0001-SO	240-17768-13	149425.D	11/25/2012 16:27
076SB-0042M-0001-SO	240-17768-14	149426.D	11/25/2012 16:48
076SB-0043M-0001-SO	240-17768-15	149427.D	11/25/2012 17:10
076SB-0030M-0001-SO	240-17768-17	149428.D	11/25/2012 17:31
076SB-0031M-0001-SO	240-17768-18	149429.D	11/25/2012 17:53
076SB-0032M-0001-SO	240-17768-19	149430.D	11/25/2012 18:14
076SB-0033M-0001-SO	240-17768-20	149431.D	11/25/2012 18:36

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab File ID: 149441.D Lab Sample ID: MB 240-66239/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 11/26/2012 14:15

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 240-66239/7	149440.D	11/26/2012 13:54
076SB-0038M-0001-SO	240-17768-10	149444.D	11/26/2012 15:20
076SB-0040M-0001-SO	240-17768-12	149446.D	11/26/2012 16:03
076SB-0035M-0001-SO	240-17768-22	149448.D	11/26/2012 16:46
076SB-0036M-0001-SO	240-17768-23	149449.D	11/26/2012 17:08

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab File ID: 149412.D Lab Sample ID: MB 240-65921/1-A

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 11/25/2012 11:47

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 240-65921/2-A	149411.D	11/25/2012 11:26
70SB-0014M-0001-SO	240-17768-4	149413.D	11/25/2012 12:09
70SB-0012M-0001-SO	240-17768-2	149414.D	11/25/2012 12:30
076SB-0034M-0001-SO	240-17768-21	149442.D	11/26/2012 14:37

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab File ID: UXX1132.D Lab Sample ID: MB 240-65929/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A3UX10 Date Analyzed: 11/21/2012 11:58

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 240-65929/4	UXX1130.D	11/21/2012 11:14
70SB-0018-0001-TB	240-17768-8	UXX1135.D	11/21/2012 13:25
076SB-0044-0001-TB	240-17768-16	UXX1137.D	11/21/2012 14:09

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab File ID: BFB5043.D BFB Injection Date: 11/12/2012

Instrument ID: A3UX10 BFB Injection Time: 13:44

Analysis Batch No.: 64678

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.1	
75	30.0 - 60.0 % of mass 95	45.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.4	(0.5)1
174	50.0 - 120.00 % of mass 95	84.3	
175	5.0 - 9.0 % of mass 174	5.5	(6.5)1
176	95.0 - 101.0 % of mass 174	83.6	(99.2)1
177	5.0 - 9.0 % of mass 176	5.2	(6.2)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 240-64678/2	UXX0846.D	11/12/2012	15:10
	STD8260 240-64678/3	UXX0847.D	11/12/2012	15:33
	STD8260 240-64678/4	UXX0848.D	11/12/2012	15:55
	STD8260 240-64678/5	UXX0849.D	11/12/2012	16:17
	STD8260 240-64678/6	UXX0850.D	11/12/2012	16:40
	STD8260 240-64678/7	UXX0851.D	11/12/2012	17:02
	STDA9 240-64678/8	UXX0852.D	11/12/2012	17:24
	STDA9 240-64678/9	UXX0853.D	11/12/2012	17:46
	STDA9 240-64678/10	UXX0854.D	11/12/2012	18:09
	STDA9 240-64678/11	UXX0855.D	11/12/2012	18:31
	STDA9 240-64678/12	UXX0856.D	11/12/2012	18:53
	STDA9 240-64678/13	UXX0857.D	11/12/2012	19:16
	ICV 240-64678/14	UXX0858.D	11/12/2012	19:38

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab File ID: BFB5061.D BFB Injection Date: 11/21/2012

Instrument ID: A3UX10 BFB Injection Time: 10:04

Analysis Batch No.: 65929

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.1	
75	30.0 - 60.0 % of mass 95	50.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.3	
173	Less than 2.0 % of mass 174	0.6	(0.7)1
174	50.0 - 120.00 % of mass 95	81.7	
175	5.0 - 9.0 % of mass 174	5.9	(7.2)1
176	95.0 - 101.0 % of mass 174	82.0	(100.4)1
177	5.0 - 9.0 % of mass 176	5.5	(6.8)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 240-65929/2	UXX1128.D	11/21/2012	10:30
	LCS 240-65929/4	UXX1130.D	11/21/2012	11:14
	MB 240-65929/6	UXX1132.D	11/21/2012	11:58
	MRL 240-65929/7	UXX1133.D	11/21/2012	12:30
70SB-0018-0001-TB	240-17768-8	UXX1135.D	11/21/2012	13:25
076SB-0044-0001-TB	240-17768-16	UXX1137.D	11/21/2012	14:09
	MRL 240-65929/20	UXX1146.D	11/21/2012	17:29
	LODV 240-65929/21	UXX1147.D	11/21/2012	17:51

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab File ID: BFB14288.D BFB Injection Date: 11/23/2012

Instrument ID: A3UX14 BFB Injection Time: 09:29

Analysis Batch No.: 66063

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	29.2	
75	30.0 - 60.0 % of mass 95	49.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	82.0	
175	5.0 - 9.0 % of mass 174	6.2	(7.6)1
176	95.0 - 101.0 % of mass 174	79.8	(97.4)1
177	5.0 - 9.0 % of mass 176	5.3	(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
	IC 240-66063/3	149369.D	11/23/2012	10:11
	IC 240-66063/4	149370.D	11/23/2012	10:33
	IC 240-66063/5	149371.D	11/23/2012	10:54
	ICIS 240-66063/6	149372.D	11/23/2012	11:16
	IC 240-66063/7	149373.D	11/23/2012	11:37
	IC 240-66063/8	149374.D	11/23/2012	11:59
	IC 240-66063/9	149375.D	11/23/2012	12:20
	IC 240-66063/10	149376.D	11/23/2012	12:42
	IC 240-66063/11	149377.D	11/23/2012	13:03
	CCV 240-66063/12	149378.D	11/23/2012	13:25
	ICV 240-66063/13	149379.D	11/23/2012	13:46
	MRL 240-66063/14	149380.D	11/23/2012	14:08
	LCS 240-66063/16	149382.D	11/23/2012	14:51
	MB 240-66063/17	149383.D	11/23/2012	15:13
70SB-0011M-0001-SO	240-17768-1	149395.D	11/23/2012	19:31
70SB-0013M-0001-SO	240-17768-3	149396.D	11/23/2012	19:53
70SB-0015M-0001-SO	240-17768-5	149397.D	11/23/2012	20:14
70SB-0016M-0001-SO	240-17768-6	149398.D	11/23/2012	20:36
	MRL 240-66063/34	149399.D	11/23/2012	21:08

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab File ID: BFB14289.D BFB Injection Date: 11/25/2012

Instrument ID: A3UX14 BFB Injection Time: 07:28

Analysis Batch No.: 66175

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	28.1	
75	30.0 - 60.0 % of mass 95	48.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	84.6	
175	5.0 - 9.0 % of mass 174	6.3	(7.5)1
176	95.0 - 101.0 % of mass 174	82.6	(97.6)1
177	5.0 - 9.0 % of mass 176	5.2	(6.3)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 240-66175/3	149402.D	11/25/2012	08:12
	CCV 240-66175/4	149403.D	11/25/2012	08:33
	MRL 240-66175/5	149404.D	11/25/2012	08:55
	LCS 240-66175/7	149406.D	11/25/2012	09:38
	MB 240-66175/8	149407.D	11/25/2012	09:59
	LCS 240-65921/2-A	149411.D	11/25/2012	11:26
	MB 240-65921/1-A	149412.D	11/25/2012	11:47
70SB-0014M-0001-SO	240-17768-4	149413.D	11/25/2012	12:09
70SB-0012M-0001-SO	240-17768-2	149414.D	11/25/2012	12:30
70SB-0017M-0001-SO	240-17768-7	149420.D	11/25/2012	14:39
076SB-0037M-0001-SO	240-17768-9	149421.D	11/25/2012	15:01
076SB-0039M-0001-SO	240-17768-11	149423.D	11/25/2012	15:44
076SB-0041M-0001-SO	240-17768-13	149425.D	11/25/2012	16:27
076SB-0042M-0001-SO	240-17768-14	149426.D	11/25/2012	16:48
076SB-0043M-0001-SO	240-17768-15	149427.D	11/25/2012	17:10
076SB-0030M-0001-SO	240-17768-17	149428.D	11/25/2012	17:31
076SB-0031M-0001-SO	240-17768-18	149429.D	11/25/2012	17:53
076SB-0032M-0001-SO	240-17768-19	149430.D	11/25/2012	18:14
076SB-0033M-0001-SO	240-17768-20	149431.D	11/25/2012	18:36
	MRL 240-66175/33	149432.D	11/25/2012	18:58

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab File ID: BFB14290.D BFB Injection Date: 11/26/2012

Instrument ID: A3UX14 BFB Injection Time: 11:23

Analysis Batch No.: 66239

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	28.5	
75	30.0 - 60.0 % of mass 95	48.0	
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	81.8	
175	5.0 - 9.0 % of mass 174	5.9	(7.2)1
176	95.0 - 101.0 % of mass 174	79.1	(96.7)1
177	5.0 - 9.0 % of mass 176	5.2	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-66239/4	149436.D	11/26/2012	12:28
	CCV 240-66239/10	149437.D	11/26/2012	12:49
	MRL 240-66239/5	149438.D	11/26/2012	13:11
	LCS 240-66239/7	149440.D	11/26/2012	13:54
	MB 240-66239/8	149441.D	11/26/2012	14:15
076SB-0034M-0001-SO	240-17768-21	149442.D	11/26/2012	14:37
076SB-0038M-0001-SO	240-17768-10	149444.D	11/26/2012	15:20
076SB-0040M-0001-SO	240-17768-12	149446.D	11/26/2012	16:03
076SB-0035M-0001-SO	240-17768-22	149448.D	11/26/2012	16:46
076SB-0036M-0001-SO	240-17768-23	149449.D	11/26/2012	17:08
	MRL 240-66239/31	149464.D	11/26/2012	22:31

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Sample No.: STD8260 240-64678/4 Date Analyzed: 11/12/2012 15:55

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXX0848.D Heated Purge: (Y/N) N

Calibration ID: 12291

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1810823	5.21	1245256	7.88	654209	10.13
UPPER LIMIT		3621646	5.71	2490512	8.38	1308418	10.63
LOWER LIMIT		905412	4.71	622628	7.38	327105	9.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-64678/14		1733806	5.20	1200825	7.88	656657	10.13
CCV 240-65929/2		2007495	5.21	1292840	7.88	677607	10.13
LCS 240-65929/4		2006611	5.21	1273857	7.88	669835	10.13
MB 240-65929/6		1882635	5.20	1166712	7.88	518952	10.13
MRL 240-65929/7		1897366	5.20	1159870	7.88	573299	10.13
240-17768-8	70SB-0018-0001-TB	1814924	5.20	1104535	7.88	466609	10.13
240-17768-16	076SB-0044-0001-TB	1773784	5.20	1070782	7.88	479386	10.13
MRL 240-65929/20		1884843	5.21	1170505	7.88	595355	10.13
LODV 240-65929/21		1844789	5.21	1125663	7.88	531924	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.: 240-17768-1

SDG No.:

Sample No.: ICIS 240-66063/6 Date Analyzed: 11/23/2012 11:16

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 149372.D Heated Purge: (Y/N) Y

Calibration ID: 12508

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		2172557	6.89	1274995	9.59	613392	11.57
UPPER LIMIT		4345114	7.39	2549990	10.09	1226784	12.07
LOWER LIMIT		1086279	6.39	637498	9.09	306696	11.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-66063/12		2064846	6.89	1268526	9.59	635211	11.57
ICV 240-66063/13		2162348	6.89	1319808	9.59	630640	11.57
MRL 240-66063/14		2105080	6.89	1320899	9.59	676217	11.57
LCS 240-66063/16		2128407	6.89	1270996	9.59	608689	11.57
MB 240-66063/17		2038802	6.89	1248717	9.59	625897	11.57
240-17768-1	70SB-0011M-0001-SO	2158927	6.89	1241921	9.59	623237	11.57
240-17768-3	70SB-0013M-0001-SO	2112762	6.89	1139581	9.59	462373	11.57
240-17768-5	70SB-0015M-0001-SO	2090929	6.89	1180350	9.59	563858	11.57
240-17768-6	70SB-0016M-0001-SO	2084188	6.89	1210161	9.59	588093	11.57
MRL 240-66063/34		2081060	6.89	1306674	9.59	649981	11.57
CCV 240-66175/3		2340718	6.89	1368266	9.59	603925	11.57
CCV 240-66175/4		2307117	6.89	1334004	9.59	638634	11.56
MRL 240-66175/5		2259919	6.89	1303539	9.59	630878	11.57
LCS 240-66175/7		2239748	6.89	1350981	9.59	615475	11.57
MB 240-66175/8		2190934	6.88	1247887	9.59	600128	11.57
LCS 240-65921/2-A		2323396	6.89	1367291	9.59	680930	11.57
MB 240-65921/1-A		2258438	6.88	1304250	9.59	641361	11.56
240-17768-4	70SB-0014M-0001-SO	2050189	6.89	1228412	9.60	637091	11.56
240-17768-2	70SB-0012M-0001-SO	2015790	6.89	1240708	9.59	655986	11.57
240-17768-7	70SB-0017M-0001-SO	2155802	6.89	1208262	9.59	524785	11.57
240-17768-9	076SB-0037M-0001-SO	2217618	6.89	1195441	9.60	451573	11.57
240-17768-11	076SB-0039M-0001-SO	369758Q	6.89	182875Q	9.59	107347Q	11.57
240-17768-13	076SB-0041M-0001-SO	2189908	6.89	1264681	9.59	612153	11.57
240-17768-14	076SB-0042M-0001-SO	561105Q	6.89	278025Q	9.59	146779Q	11.57
240-17768-15	076SB-0043M-0001-SO	2195354	6.89	1274785	9.59	560406	11.57
240-17768-17	076SB-0030M-0001-SO	2155706	6.89	1265133	9.60	623018	11.56
240-17768-18	076SB-0031M-0001-SO	2129700	6.89	1184837	9.60	517251	11.56
240-17768-19	076SB-0032M-0001-SO	2207034	6.89	1335671	9.59	645907	11.56

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.: 240-17768-1

SDG No.:

Sample No.: ICIS 240-66063/6 Date Analyzed: 11/23/2012 11:16

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 149372.D Heated Purge: (Y/N) Y

Calibration ID: 12508

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		2172557	6.89	1274995	9.59	613392	11.57
UPPER LIMIT		4345114	7.39	2549990	10.09	1226784	12.07
LOWER LIMIT		1086279	6.39	637498	9.09	306696	11.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
240-17768-20	076SB-0033M-0001-SO	2129916	6.89	1371361	9.59	673300	11.56
MRL 240-66175/33		2222586	6.89	1305319	9.59	644968	11.56
CCV 240-66239/4		2288503	6.89	1321337	9.59	642178	11.57
CCV 240-66239/10		2337143	6.89	1401178	9.60	665415	11.56
MRL 240-66239/5		2318648	6.89	1369591	9.59	680239	11.56
LCS 240-66239/7		2261655	6.89	1337889	9.59	628756	11.57
MB 240-66239/8		2183703	6.89	1280862	9.59	626936	11.57
240-17768-21	076SB-0034M-0001-SO	2156268	6.89	1338839	9.59	684397	11.57
240-17768-10	076SB-0038M-0001-SO	2139375	6.89	1245114	9.59	618911	11.56
240-17768-12	076SB-0040M-0001-SO	2195376	6.89	1335820	9.59	669794	11.57
240-17768-22	076SB-0035M-0001-SO	2238055	6.89	1340415	9.59	668598	11.57
240-17768-23	076SB-0036M-0001-SO	2206829	6.89	1310174	9.59	612981	11.57
MRL 240-66239/31		2221378	6.89	1269554	9.59	622360	11.57

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.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0011M-0001-SO | Lab Sample ID: 240-17768-1

Matrix: Solid | Lab File ID: 149395.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 12:50

Sample wt/vol: 5.26(g) | Date Analyzed: 11/23/2012 19:31

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.: 66063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.1	U	5.4	1.1	0.61
79-34-5	1,1,2,2-Tetrachloroethane	0.54	U	5.4	0.54	0.37
79-00-5	1,1,2-Trichloroethane	0.54	U	5.4	0.54	0.42
75-34-3	1,1-Dichloroethane	0.54	U	5.4	0.54	0.39
75-35-4	1,1-Dichloroethene	1.1	U	5.4	1.1	0.56
106-93-4	1,2-Dibromoethane	1.1	U	5.4	1.1	0.54
107-06-2	1,2-Dichloroethane	0.54	U	5.4	0.54	0.37
540-59-0	1,2-Dichloroethene, Total	1.1	U	11	1.1	0.84
78-87-5	1,2-Dichloropropane	1.1	U	5.4	1.1	0.75
78-93-3	2-Butanone (MEK)	2.2	U	22	2.2	1.5
591-78-6	2-Hexanone	1.1	U	22	1.1	0.68
108-10-1	4-Methyl-2-pentanone (MIBK)	1.1	U	22	1.1	0.59
67-64-1	Acetone	6.8	U	22	6.8	6.8
71-43-2	Benzene	0.54	U	5.4	0.54	0.25
74-97-5	Bromochloromethane	1.1	U	5.4	1.1	0.77
75-27-4	Bromodichloromethane	0.54	U	5.4	0.54	0.30
75-25-2	Bromoform	0.54	U	5.4	0.54	0.36
74-83-9	Bromomethane	1.1	U	5.4	1.1	0.59
75-15-0	Carbon disulfide	0.54	U	5.4	0.54	0.48
56-23-5	Carbon tetrachloride	0.54	U	5.4	0.54	0.40
108-90-7	Chlorobenzene	0.54	U	5.4	0.54	0.36
75-00-3	Chloroethane	1.1	U	5.4	1.1	0.93
67-66-3	Chloroform	0.54	U	5.4	0.54	0.31
74-87-3	Chloromethane	0.54	U	5.4	0.54	0.45
10061-01-5	cis-1,3-Dichloropropene	0.54	U	5.4	0.54	0.37
124-48-1	Dibromochloromethane	1.1	U	5.4	1.1	0.60
100-41-4	Ethylbenzene	0.54	U	5.4	0.54	0.28
1634-04-4	Methyl tert-butyl ether	0.54	U	5.4	0.54	0.47
75-09-2	Methylene Chloride	0.91	J	5.4	1.1	0.73
100-42-5	Styrene	0.54	U	5.4	0.54	0.16
127-18-4	Tetrachloroethene	1.1	U	5.4	1.1	0.56
108-88-3	Toluene	0.54	U	5.4	0.54	0.29
10061-02-6	trans-1,3-Dichloropropene	1.1	U	5.4	1.1	0.59
79-01-6	Trichloroethene	0.54	U	5.4	0.54	0.46
75-01-4	Vinyl chloride	0.54	U	5.4	0.54	0.42
1330-20-7	Xylenes, Total	1.6	U	11	1.6	0.73

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0011M-0001-SO Lab Sample ID: 240-17768-1

Matrix: Solid Lab File ID: 149395.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 12:50

Sample wt/vol: 5.26(g) Date Analyzed: 11/23/2012 19:31

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.: 66063 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		61-130
460-00-4	4-Bromofluorobenzene (Surr)	87		85-120
1868-53-7	Dibromofluoromethane (Surr)	84		59-138
2037-26-5	Toluene-d8 (Surr)	93		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149395.D
Lims ID: 240-17768-B-1-A Client ID: 70SB-0011M-0001-SO
Inject. Date: 23-Nov-2012 19:31:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-1-a
Misc. Info.: 240-0015202-030 =240-0015202-030
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 28
Lims Batch ID: 66063 Lims Sample ID: 30
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:57:02 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks Date: 25-Nov-2012 08:12:07

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2158927	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	90	1241921	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	623237	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	63	448201	41.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	91	642960	48.5	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1801036	46.5	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	539636	43.4	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					9
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.157					
22 Acetone	43	3.264	3.264	0.0	93	31559	3.63	
26 Carbon disulfide	76		3.430					
30 Methylene Chloride	84	3.891	3.891	0.0	87	48316	0.8385	
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43	5.713	5.701	0.012	22	5689	1.08	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130	7.240	7.240	0.0	56	1304	0.1028	
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					
72 Toluene	91	8.411	8.411	0.0	85	9579	0.2232	
73 trans-1,3-Dichloropropene	75		8.600					
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164	8.884	8.884	0.0	54	1017	0.1069	
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	35	1005	0.0694	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	91	3283	0.1856	
85 o-Xylene	106	10.150	10.151	-0.001	69	1895	0.1108	
86 Styrene	104		10.162					9
87 Bromoform	173		10.328					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.2964	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

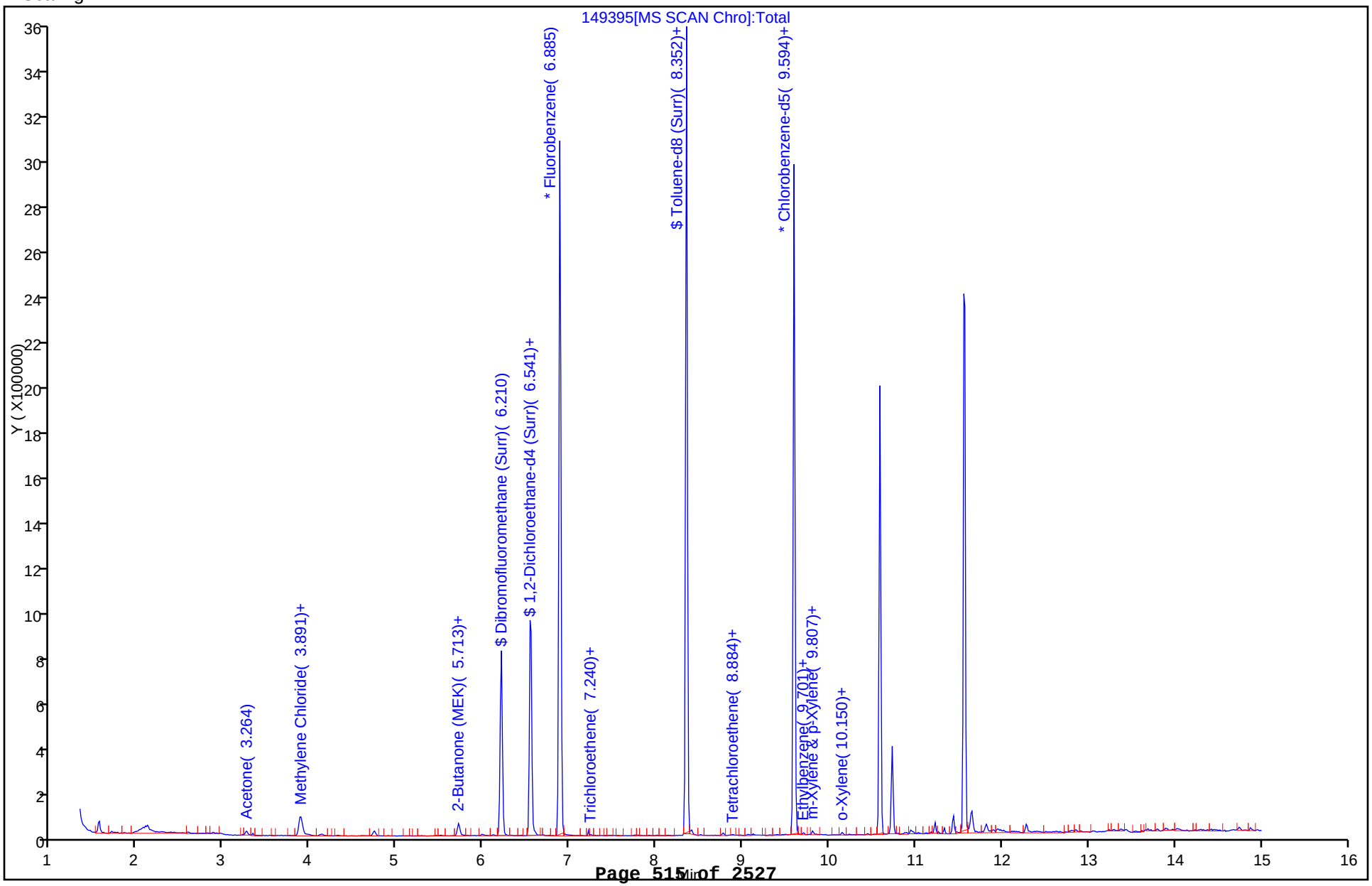
Report Date: 25-Nov-2012 10:57:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149395.D

Injection Date:	23-Nov-2012 19:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0011M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	30
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



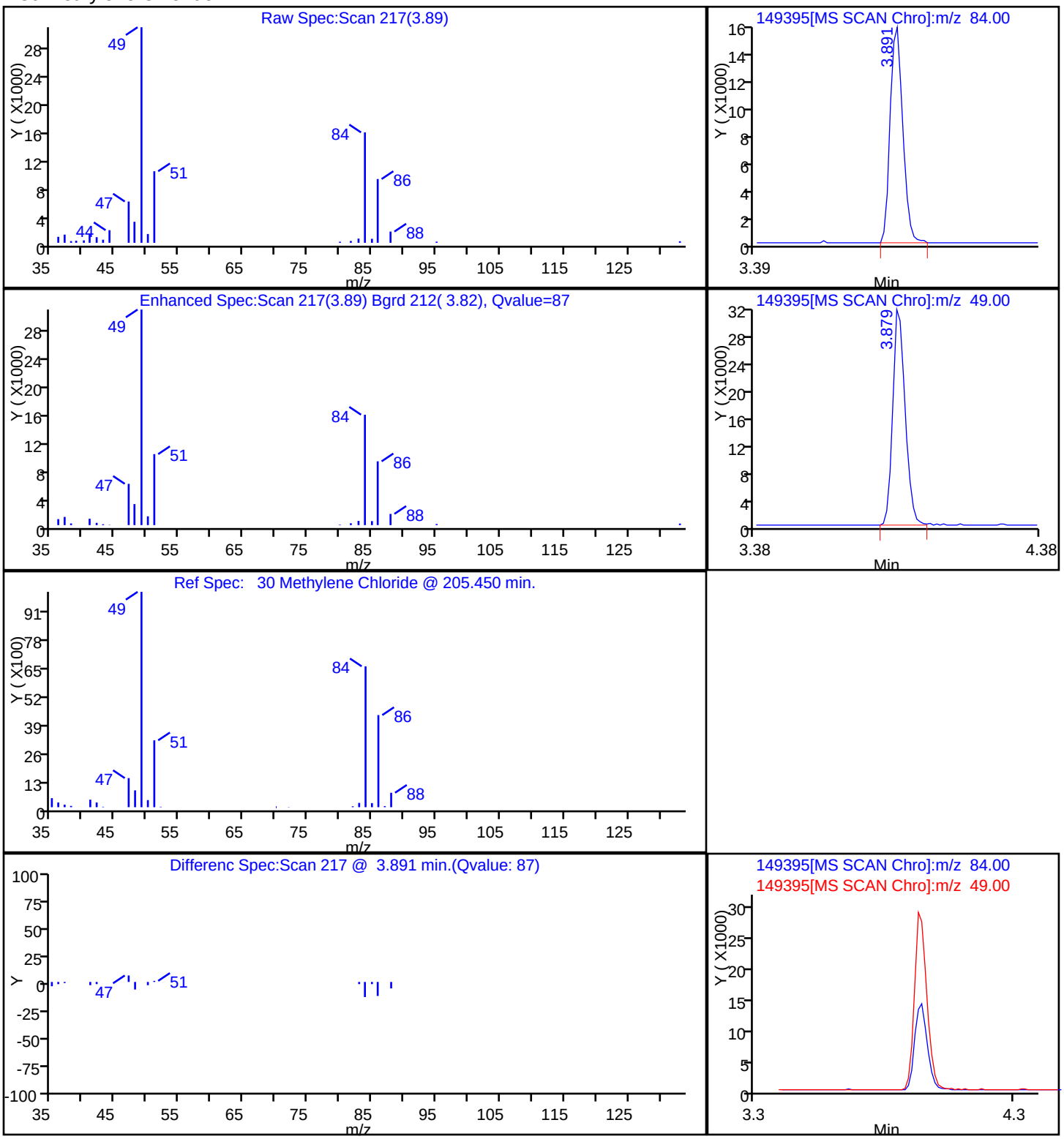
Report Date: 25-Nov-2012 10:57:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149395.D

Injection Date:	23-Nov-2012 19:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0011M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	30
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0012M-0001-SO | Lab Sample ID: 240-17768-2

Matrix: Solid | Lab File ID: 149414.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 12:50

Sample wt/vol: 6.402(g) | Date Analyzed: 11/25/2012 12:30

Soil Aliquot Vol: 100 (uL) | Dilution Factor: 2

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.2 | Level: (low/med) Medium

Analysis Batch No.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	41	U	480	41	41
79-34-5	1,1,2,2-Tetrachloroethane	48	U	480	48	17
79-00-5	1,1,2-Trichloroethane	48	U	480	48	23
75-34-3	1,1-Dichloroethane	48	U	480	48	33
75-35-4	1,1-Dichloroethene	48	U	480	48	35
107-06-2	1,2-Dichloroethane	48	U	480	48	19
540-59-0	1,2-Dichloroethene, Total	16	U	970	16	16
78-87-5	1,2-Dichloropropane	19	U	480	19	16
78-93-3	2-Butanone (MEK)	190	U	1900	190	83
591-78-6	2-Hexanone	97	U	1900	97	39
108-10-1	4-Methyl-2-pentanone (MIBK)	190	U	1900	190	93
67-64-1	Acetone	390	U	1900	390	330
71-43-2	Benzene	48	U	480	48	23
75-25-2	Bromoform	48	U	480	48	37
74-83-9	Bromomethane	97	U	480	97	56
75-15-0	Carbon disulfide	48	U	480	48	23
56-23-5	Carbon tetrachloride	19	U	480	19	12
108-90-7	Chlorobenzene	19	U	480	19	12
74-87-3	Chloromethane	48	U	480	48	27
10061-01-5	cis-1,3-Dichloropropene	19	U	480	19	15
124-48-1	Dibromochloromethane	48	U	480	48	23
75-27-4	Bromodichloromethane	48	U	480	48	19
100-41-4	Ethylbenzene	790		480	19	10
1634-04-4	Methyl tert-butyl ether	19	U	480	19	14
75-09-2	Methylene Chloride	190	U	480	190	150
100-42-5	Styrene	19	U	480	19	11
127-18-4	Tetrachloroethene	48	U	480	48	23
108-88-3	Toluene	63	J	480	48	33
10061-02-6	trans-1,3-Dichloropropene	48	U	480	48	39
79-01-6	Trichloroethene	48	U	480	48	19
75-01-4	Vinyl chloride	48	U	480	48	35
1330-20-7	Xylenes, Total	2600		970	58	16
67-66-3	Chloroform	48	U	480	48	17
74-97-5	Bromochloromethane	48	U	480	48	25
106-93-4	1,2-Dibromoethane	48	U	480	48	19
75-00-3	Chloroethane	190	U	480	190	120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0012M-0001-SO Lab Sample ID: 240-17768-2

Matrix: Solid Lab File ID: 149414.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 12:50

Sample wt/vol: 6.402(g) Date Analyzed: 11/25/2012 12:30

Soil Aliquot Vol: 100 (uL) Dilution Factor: 2

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.2 Level: (low/med) Medium

Analysis Batch No.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	63	Q	85-115
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		61-130
460-00-4	4-Bromofluorobenzene (Surr)	62	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	72		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149414.D
Lims ID: 240-17768-A-2-A Client ID: 70SB-0012M-0001-SO
Inject. Date: 25-Nov-2012 12:30:30 Dil. Factor: 2.0000
Sample Type: Client
Sample ID: 240-17768-a-2-a
Misc. Info.: 240-0015237-015 =240-0015237-015
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 14
Lims Batch ID: 66175 Lims Sample ID: 15
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:16:59

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	98	2015790	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	1240708	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.559	0.011	98	655986	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	58	184268	18.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	90	264935	20.7	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	81	630252	15.6	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	212377	15.6	
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					9
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.145					
22 Acetone	43	3.252	3.252	0.0	95	22271	1.15	
26 Carbon disulfide	76		3.418					
30 Methylene Chloride	84		3.879					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.701					
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					
62 1,2-Dichloropropane	63		7.453					9
67 Dichlorobromomethane	83		7.713					9
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	78	27789	0.6481	
73 trans-1,3-Dichloropropene	75		8.600					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.884					
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					
84 Ethylbenzene	106	9.713	9.713	0.0	98	118309	8.18	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	310841	17.6	
85 o-Xylene	106	10.151	10.150	0.001	94	152069	8.90	
86 Styrene	104		10.150					
87 Bromoform	173		10.316					9
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		26.5	

QC Flag Legend

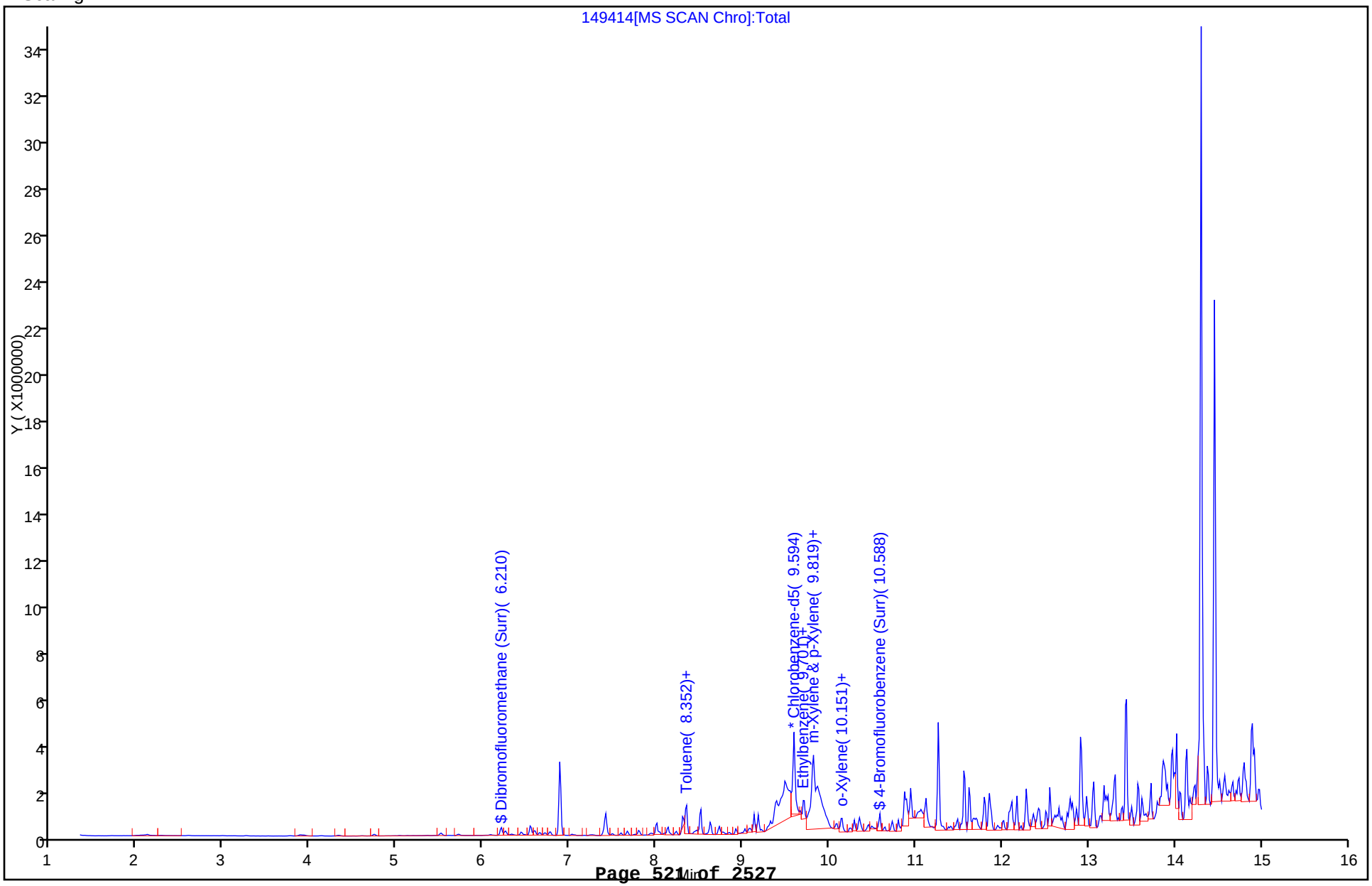
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 11:12:01 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149414.D		
Injection Date:	25-Nov-2012 12:30:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	15
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



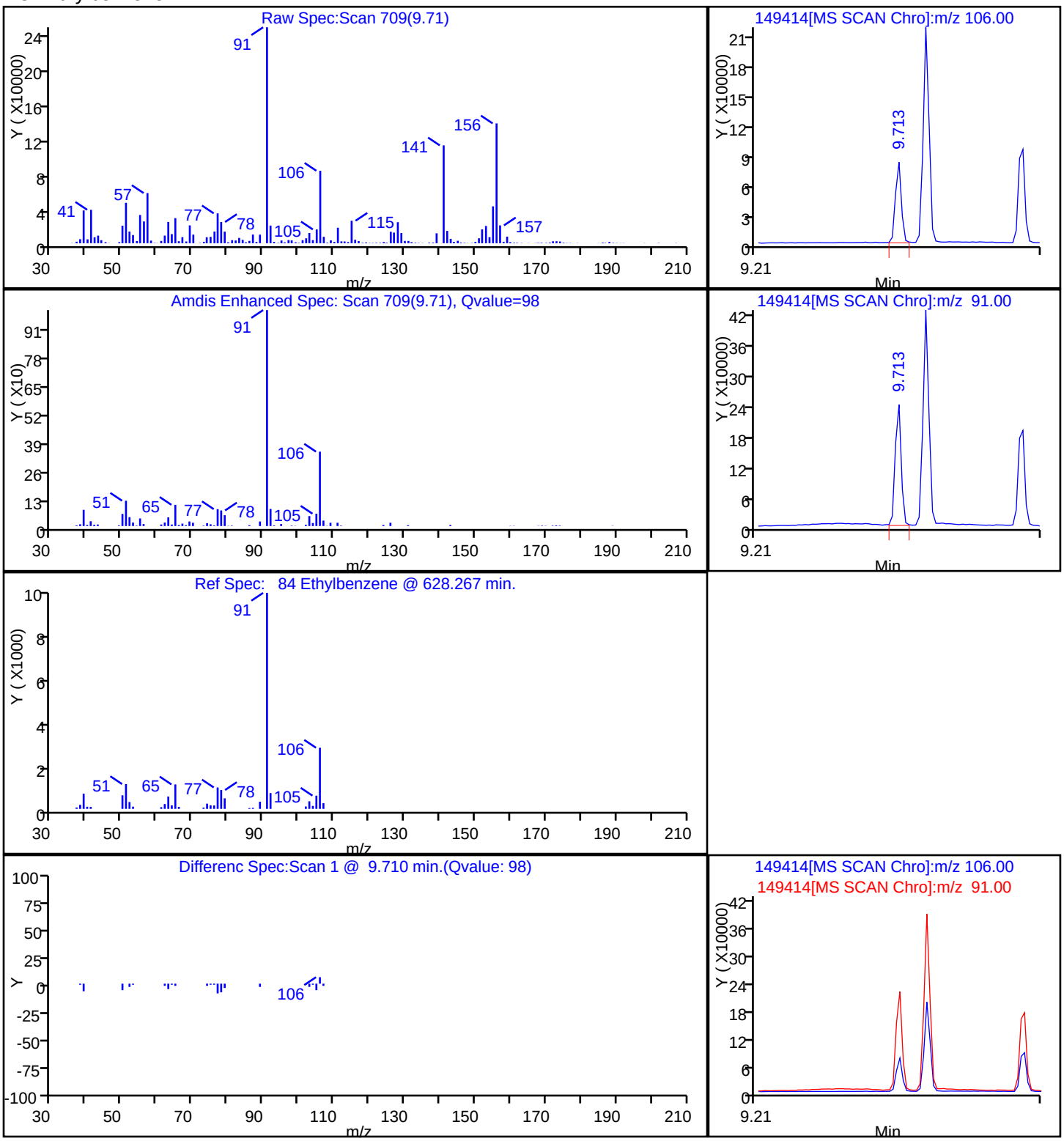
Report Date: 27-Nov-2012 11:12:01 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149414.D

Injection Date:	25-Nov-2012 12:30:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	15
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

84 Ethylbenzene

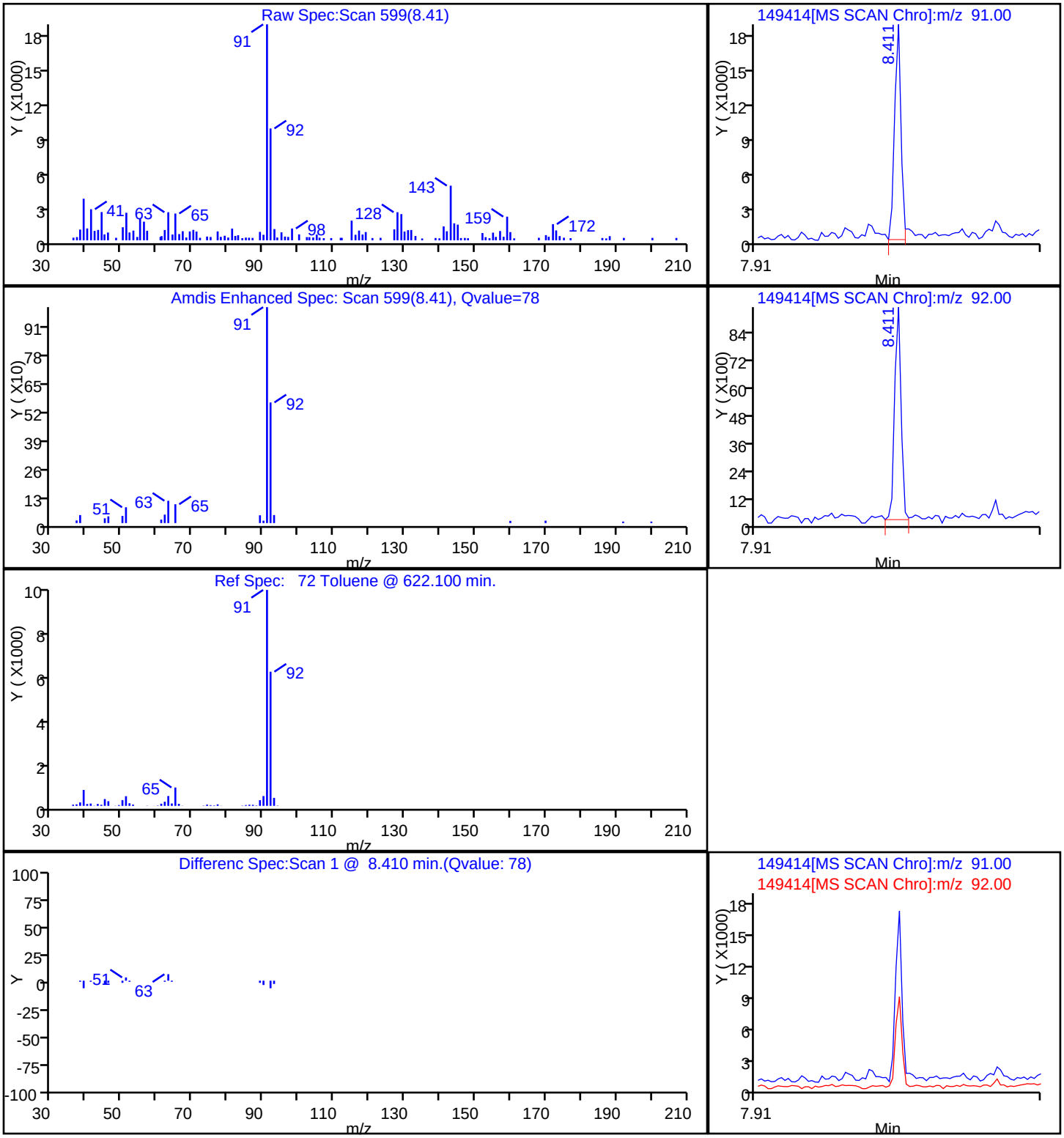


Report Date: 27-Nov-2012 11:12:01 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149414.D		
Injection Date:	25-Nov-2012 12:30:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	15
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



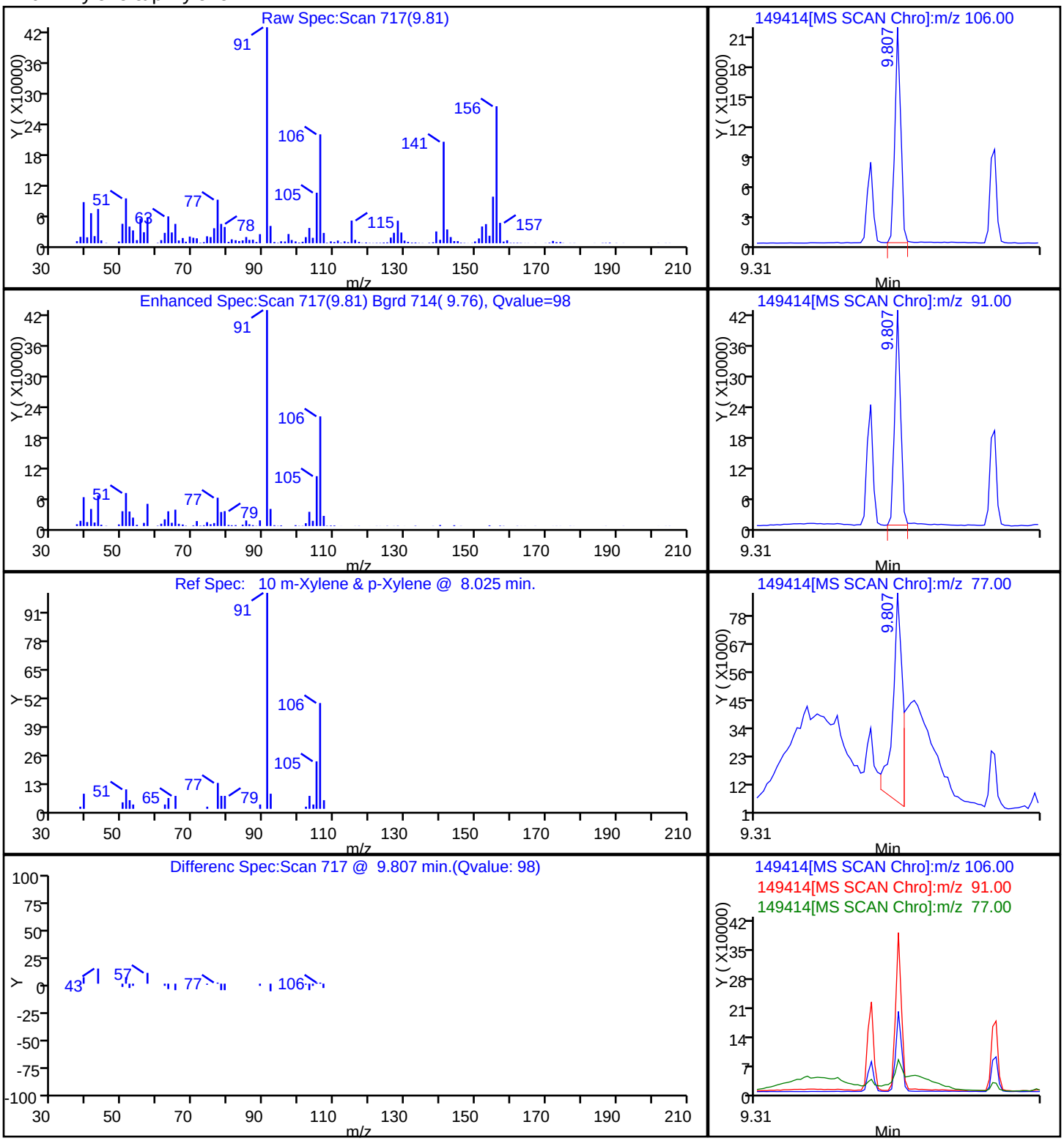
Report Date: 27-Nov-2012 11:12:01 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149414.D

Injection Date:	25-Nov-2012 12:30:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	15
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

10 m-Xylene & p-Xylene



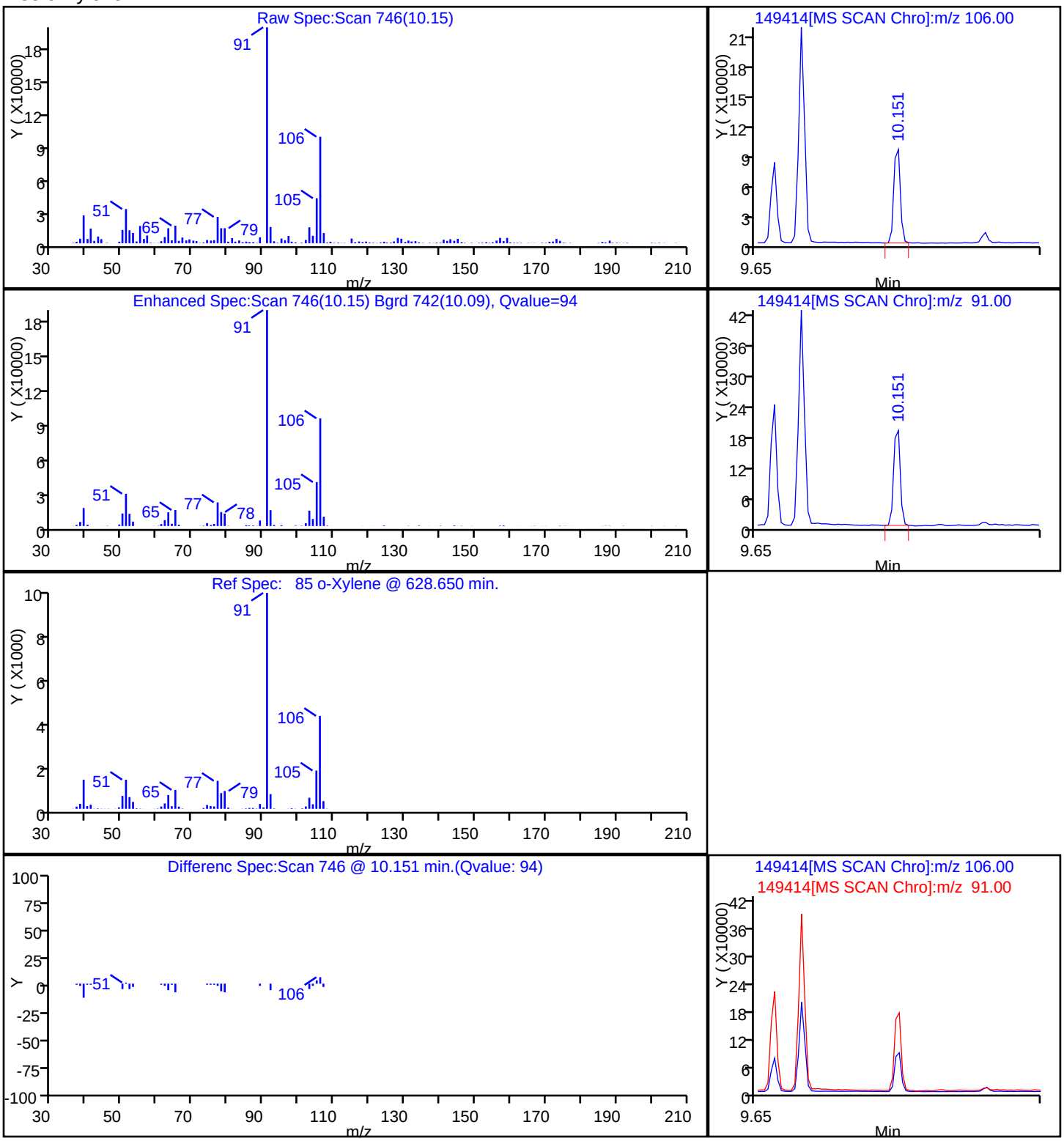
Report Date: 27-Nov-2012 11:12:01 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149414.D

Injection Date:	25-Nov-2012 12:30:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	15
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0013M-0001-SO | Lab Sample ID: 240-17768-3

Matrix: Solid | Lab File ID: 149396.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 11:00

Sample wt/vol: 5.979(g) | Date Analyzed: 11/23/2012 19:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.2 | Level: (low/med) Low

Analysis Batch No.: 66063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.0	U	5.2	1.0	0.58
79-34-5	1,1,2,2-Tetrachloroethane	0.52	U	5.2	0.52	0.35
79-00-5	1,1,2-Trichloroethane	0.52	U	5.2	0.52	0.40
75-34-3	1,1-Dichloroethane	0.52	U	5.2	0.52	0.37
75-35-4	1,1-Dichloroethene	1.0	U	5.2	1.0	0.54
106-93-4	1,2-Dibromoethane	1.0	U	5.2	1.0	0.52
107-06-2	1,2-Dichloroethane	0.52	U	5.2	0.52	0.35
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.80
78-87-5	1,2-Dichloropropane	1.0	U	5.2	1.0	0.71
78-93-3	2-Butanone (MEK)	2.1	U	21	2.1	1.4
591-78-6	2-Hexanone	1.0	U	21	1.0	0.65
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	21	1.0	0.56
67-64-1	Acetone	6.5	U	21	6.5	6.5
71-43-2	Benzene	0.52	U	5.2	0.52	0.24
74-97-5	Bromochloromethane	1.0	U	5.2	1.0	0.74
75-27-4	Bromodichloromethane	0.52	U	5.2	0.52	0.29
75-25-2	Bromoform	0.52	U	5.2	0.52	0.34
74-83-9	Bromomethane	1.0	U	5.2	1.0	0.56
75-15-0	Carbon disulfide	3.1	J	5.2	0.52	0.46
56-23-5	Carbon tetrachloride	0.52	U	5.2	0.52	0.38
108-90-7	Chlorobenzene	0.52	U	5.2	0.52	0.34
75-00-3	Chloroethane	1.0	U	5.2	1.0	0.89
67-66-3	Chloroform	0.52	U	5.2	0.52	0.30
74-87-3	Chloromethane	0.52	U	5.2	0.52	0.42
10061-01-5	cis-1,3-Dichloropropene	0.52	U	5.2	0.52	0.35
124-48-1	Dibromochloromethane	1.0	U	5.2	1.0	0.57
100-41-4	Ethylbenzene	0.52	U	5.2	0.52	0.27
1634-04-4	Methyl tert-butyl ether	0.52	U	5.2	0.52	0.45
75-09-2	Methylene Chloride	2.2	J	5.2	1.0	0.69
100-42-5	Styrene	0.52	U	5.2	0.52	0.16
127-18-4	Tetrachloroethene	1.0	U	5.2	1.0	0.54
108-88-3	Toluene	0.52	U	5.2	0.52	0.28
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.2	1.0	0.56
79-01-6	Trichloroethene	0.52	U	5.2	0.52	0.43
75-01-4	Vinyl chloride	0.52	U	5.2	0.52	0.40
1330-20-7	Xylenes, Total	1.6	U	10	1.6	0.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0013M-0001-SO Lab Sample ID: 240-17768-3

Matrix: Solid Lab File ID: 149396.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 11:00

Sample wt/vol: 5.979(g) Date Analyzed: 11/23/2012 19:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.2 Level: (low/med) Low

Analysis Batch No.: 66063 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		61-130
460-00-4	4-Bromofluorobenzene (Surr)	98		85-120
1868-53-7	Dibromofluoromethane (Surr)	82		59-138
2037-26-5	Toluene-d8 (Surr)	98		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149396.D
Lims ID: 240-17768-B-3-A
Client ID: 70SB-0013M-0001-SO
Inject. Date: 23-Nov-2012 19:53:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-3-a
Misc. Info.: 240-0015202-031 =240-0015202-031
Operator: 002808
Instrument ID: A3UX14
Purge Vol: 5.000 mL
ALS Bottle#: 29
Lims Batch ID: 66063
Lims Sample ID: 31
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:57:02
Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: DB-624
Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks
Date: 25-Nov-2012 08:12:52

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2112762	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	90	1139581	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	98	462373	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	64	428283	40.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	91	615756	47.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1747179	49.2	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	451823	49.1	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.157					
22 Acetone	43	3.252	3.264	-0.012	95	31596	3.86	
26 Carbon disulfide	76	3.406	3.430	-0.024	76	2243	2.98	
30 Methylene Chloride	84	3.891	3.891	0.0	86	60683	2.16	
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43	5.713	5.701	0.012	26	6717	1.30	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130	7.240	7.240	0.0	66	1929	0.1554	
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	87	7359	0.1869	
73 trans-1,3-Dichloropropene	75		8.600					9
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.884					
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	54	868	0.0653	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	77	2456	0.1513	
85 o-Xylene	106		10.151					
86 Styrene	104		10.162					9
87 Bromoform	173		10.328					
90 1,1,2,2-Tetrachloroethane	83		10.707					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.1513	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

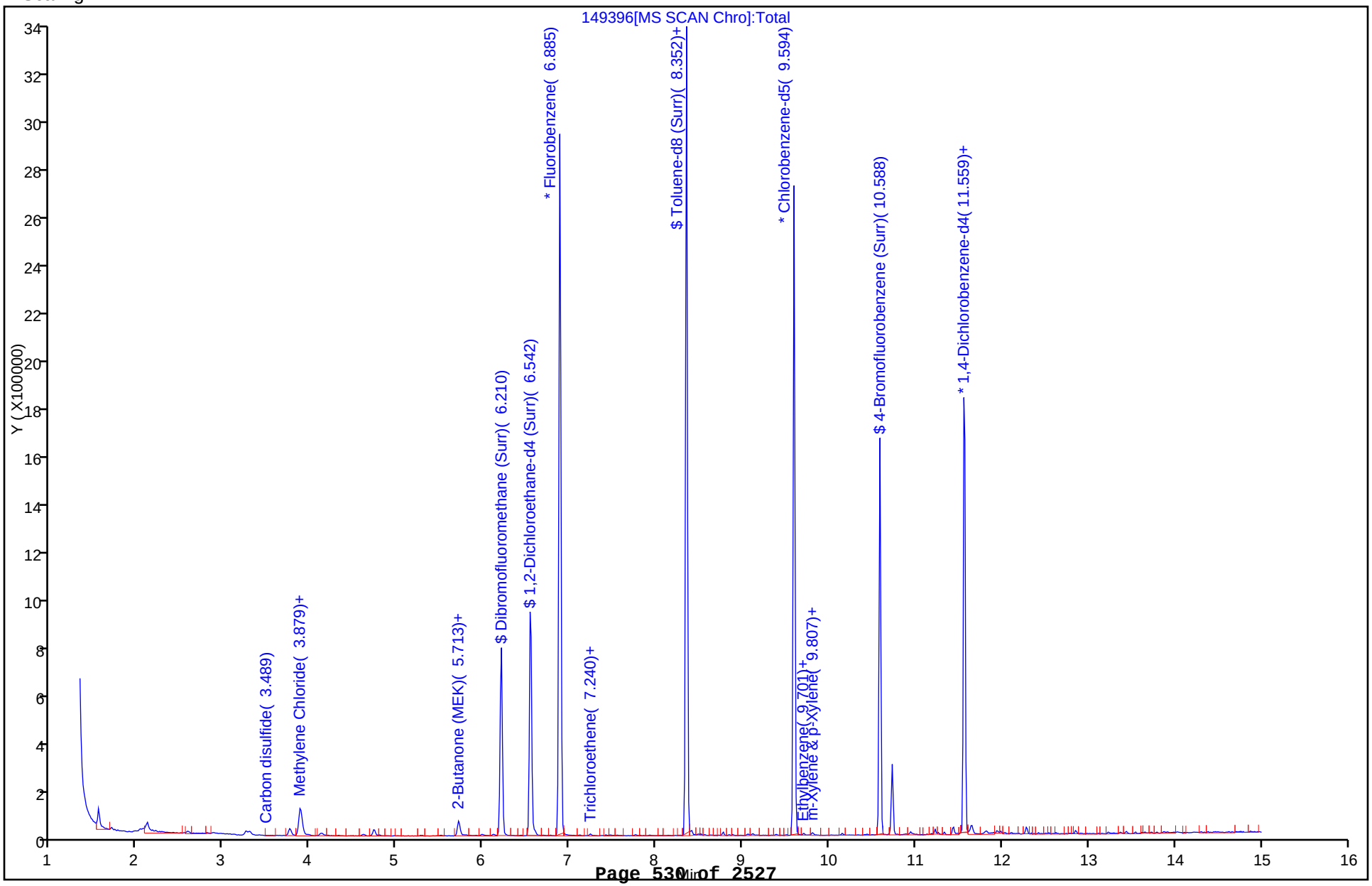
Report Date: 25-Nov-2012 10:57:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149396.D

Injection Date:	23-Nov-2012 19:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0013M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	31
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



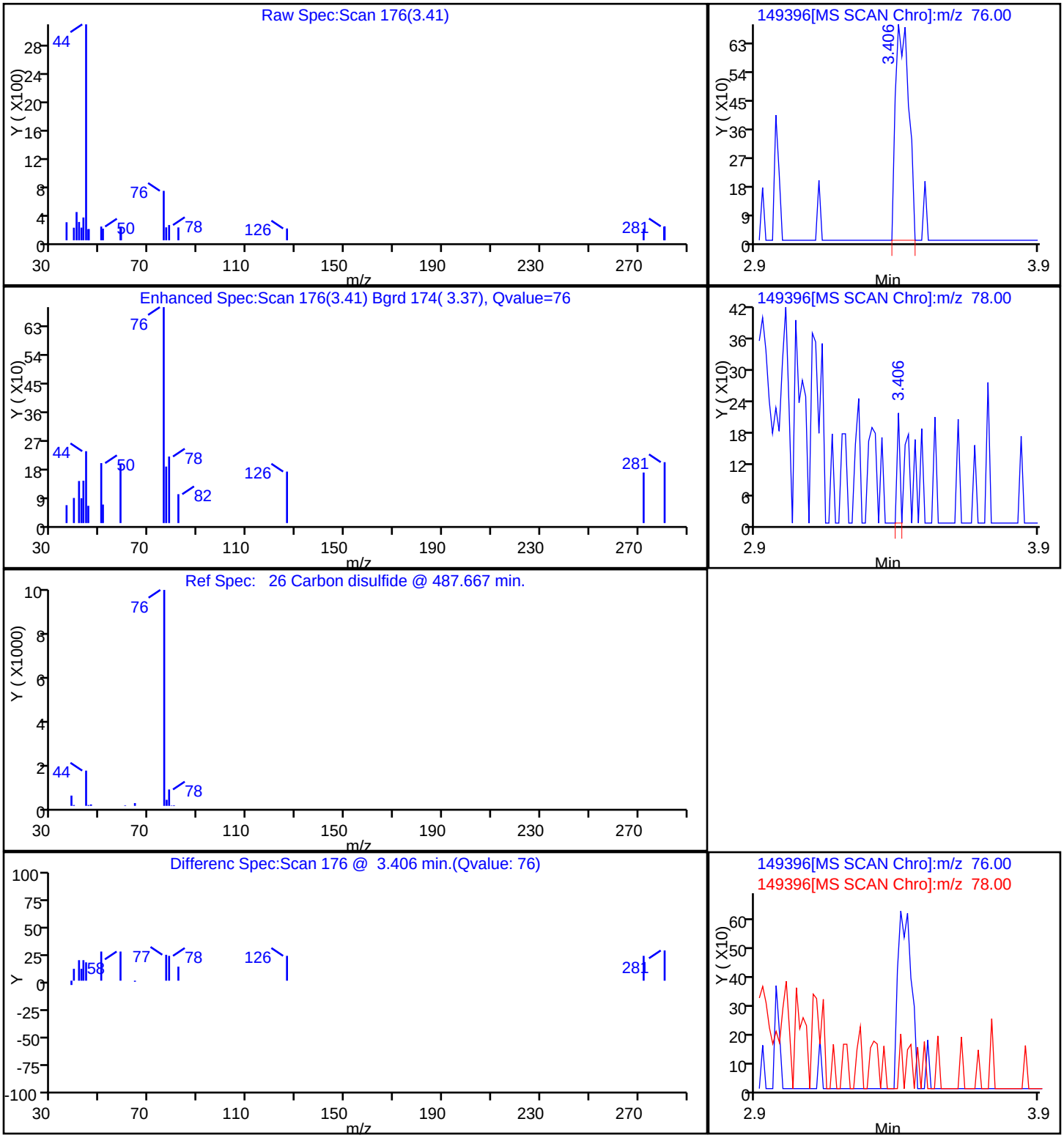
Report Date: 25-Nov-2012 10:57:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149396.D

Injection Date:	23-Nov-2012 19:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0013M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	31
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



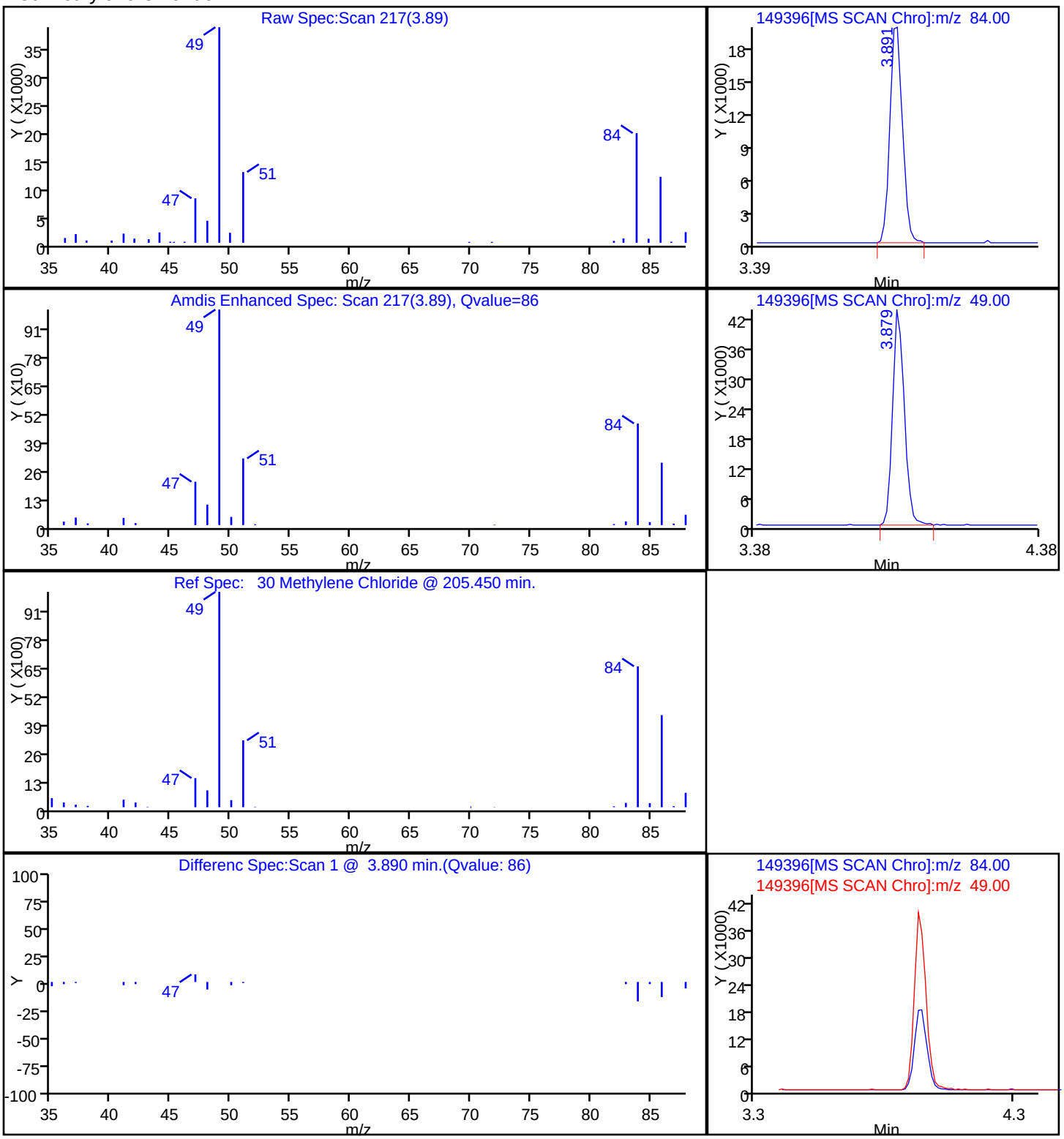
Report Date: 25-Nov-2012 10:57:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149396.D

Injection Date:	23-Nov-2012 19:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0013M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	31
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0014M-0001-SO | Lab Sample ID: 240-17768-4

Matrix: Solid | Lab File ID: 149413.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 09:35

Sample wt/vol: 6.519(g) | Date Analyzed: 11/25/2012 12:09

Soil Aliquot Vol: 100 (uL) | Dilution Factor: 1

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 17.1 | Level: (low/med) Medium

Analysis Batch No.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	19	U	230	19	19
79-34-5	1,1,2,2-Tetrachloroethane	23	U	230	23	8.2
79-00-5	1,1,2-Trichloroethane	23	U	230	23	11
75-34-3	1,1-Dichloroethane	23	U	230	23	16
75-35-4	1,1-Dichloroethene	23	U	230	23	17
107-06-2	1,2-Dichloroethane	23	U	230	23	9.3
540-59-0	1,2-Dichloroethene, Total	7.6	U	460	7.6	7.6
78-87-5	1,2-Dichloropropane	9.3	U	230	9.3	7.6
78-93-3	2-Butanone (MEK)	93	U	930	93	40
591-78-6	2-Hexanone	46	U	930	46	19
108-10-1	4-Methyl-2-pentanone (MIBK)	93	U	930	93	44
67-64-1	Acetone	190	U	930	190	160
71-43-2	Benzene	23	U	230	23	11
75-25-2	Bromoform	23	U	230	23	18
74-83-9	Bromomethane	46	U	230	46	27
75-15-0	Carbon disulfide	23	U	230	23	11
56-23-5	Carbon tetrachloride	9.3	U	230	9.3	5.9
108-90-7	Chlorobenzene	9.3	U	230	9.3	5.9
74-87-3	Chloromethane	23	U	230	23	13
10061-01-5	cis-1,3-Dichloropropene	9.3	U	230	9.3	7.3
124-48-1	Dibromochloromethane	23	U	230	23	11
75-27-4	Bromodichloromethane	23	U	230	23	9.2
100-41-4	Ethylbenzene	350		230	9.3	5.0
1634-04-4	Methyl tert-butyl ether	9.3	U	230	9.3	6.6
75-09-2	Methylene Chloride	93	U	230	93	71
100-42-5	Styrene	9.3	U	230	9.3	5.2
127-18-4	Tetrachloroethene	23	U	230	23	11
108-88-3	Toluene	26	J	230	23	16
10061-02-6	trans-1,3-Dichloropropene	23	U	230	23	19
79-01-6	Trichloroethene	23	U	230	23	9.0
75-01-4	Vinyl chloride	23	U	230	23	17
1330-20-7	Xylenes, Total	1200		460	28	7.5
67-66-3	Chloroform	23	U	230	23	8.1
74-97-5	Bromochloromethane	23	U	230	23	12
106-93-4	1,2-Dibromoethane	23	U	230	23	9.3
75-00-3	Chloroethane	93	U	230	93	56

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0014M-0001-SO Lab Sample ID: 240-17768-4

Matrix: Solid Lab File ID: 149413.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 09:35

Sample wt/vol: 6.519(g) Date Analyzed: 11/25/2012 12:09

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 17.1 Level: (low/med) Medium

Analysis Batch No.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	74	Q	85-115
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		61-130
460-00-4	4-Bromofluorobenzene (Surr)	73	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	76		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149413.D
Lims ID: 240-17768-A-4-A Client ID: 70SB-0014M-0001-SO
Inject. Date: 25-Nov-2012 12:09:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-a-4-a
Misc. Info.: 240-0015237-014 =240-0015237-014
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 66175 Lims Sample ID: 14
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:15:39

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2050189	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.594	0.0	92	1228412	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.0	98	637091	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	57	389348	38.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	90	554724	43.9	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	82	1423499	37.0	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	462593	36.3	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.145					
22 Acetone	43	3.252	3.252	0.0	91	22018	0.9325	
26 Carbon disulfide	76		3.418					9
30 Methylene Chloride	84		3.879					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					9
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					9
41 2-Butanone (MEK)	43		5.701					
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					9
62 1,2-Dichloropropane	63		7.453					9
67 Dichlorobromomethane	83		7.713					9
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	79	24067	0.5669	
73 trans-1,3-Dichloropropene	75		8.600					9
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.884					9
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	98	106963	7.47	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	97	294326	16.8	
85 o-Xylene	106	10.151	10.150	0.001	95	137862	8.15	
86 Styrene	104		10.150					
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		25.0	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

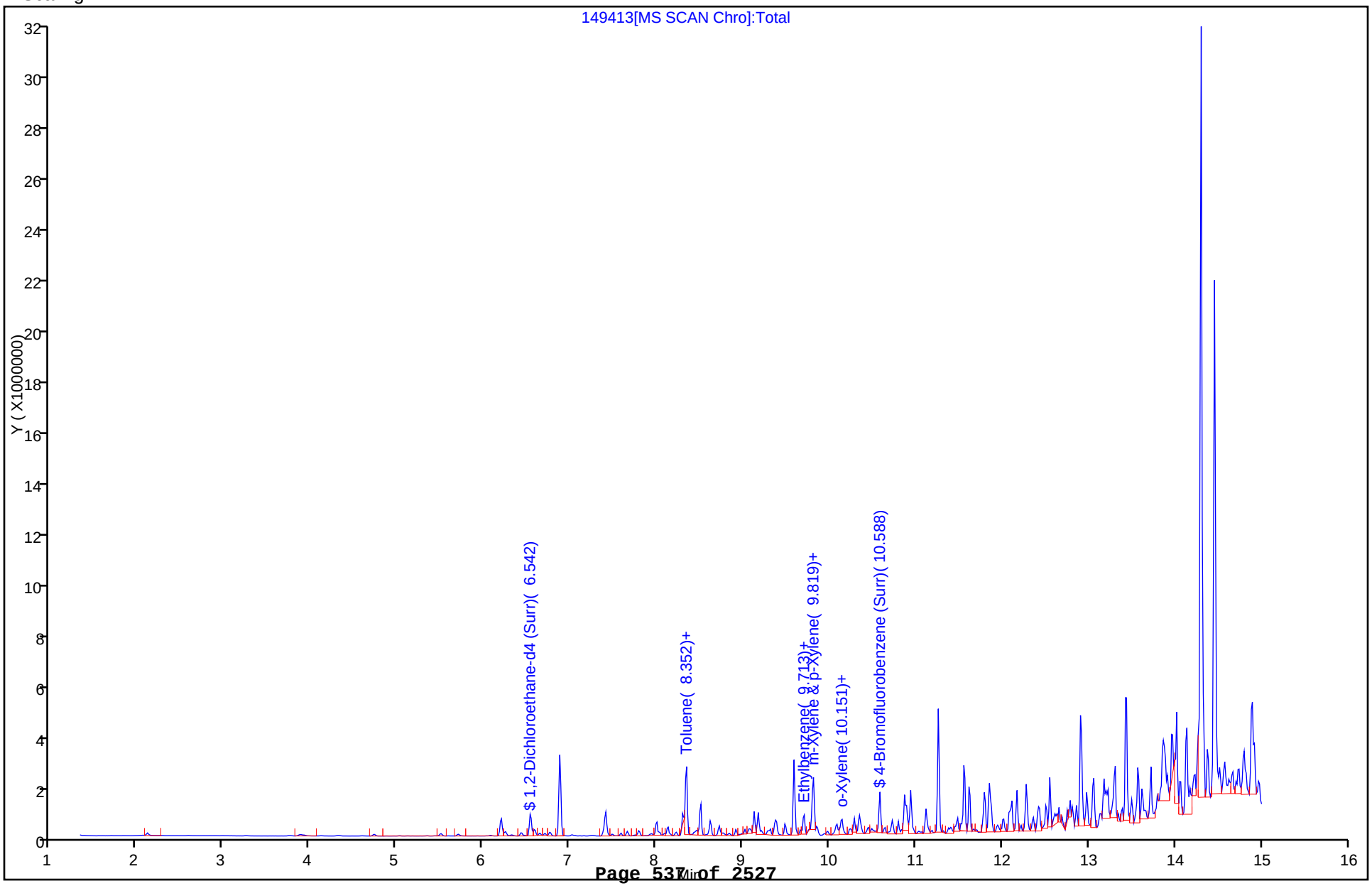
Report Date: 27-Nov-2012 11:12:00 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149413.D

Injection Date:	25-Nov-2012 12:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	14
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



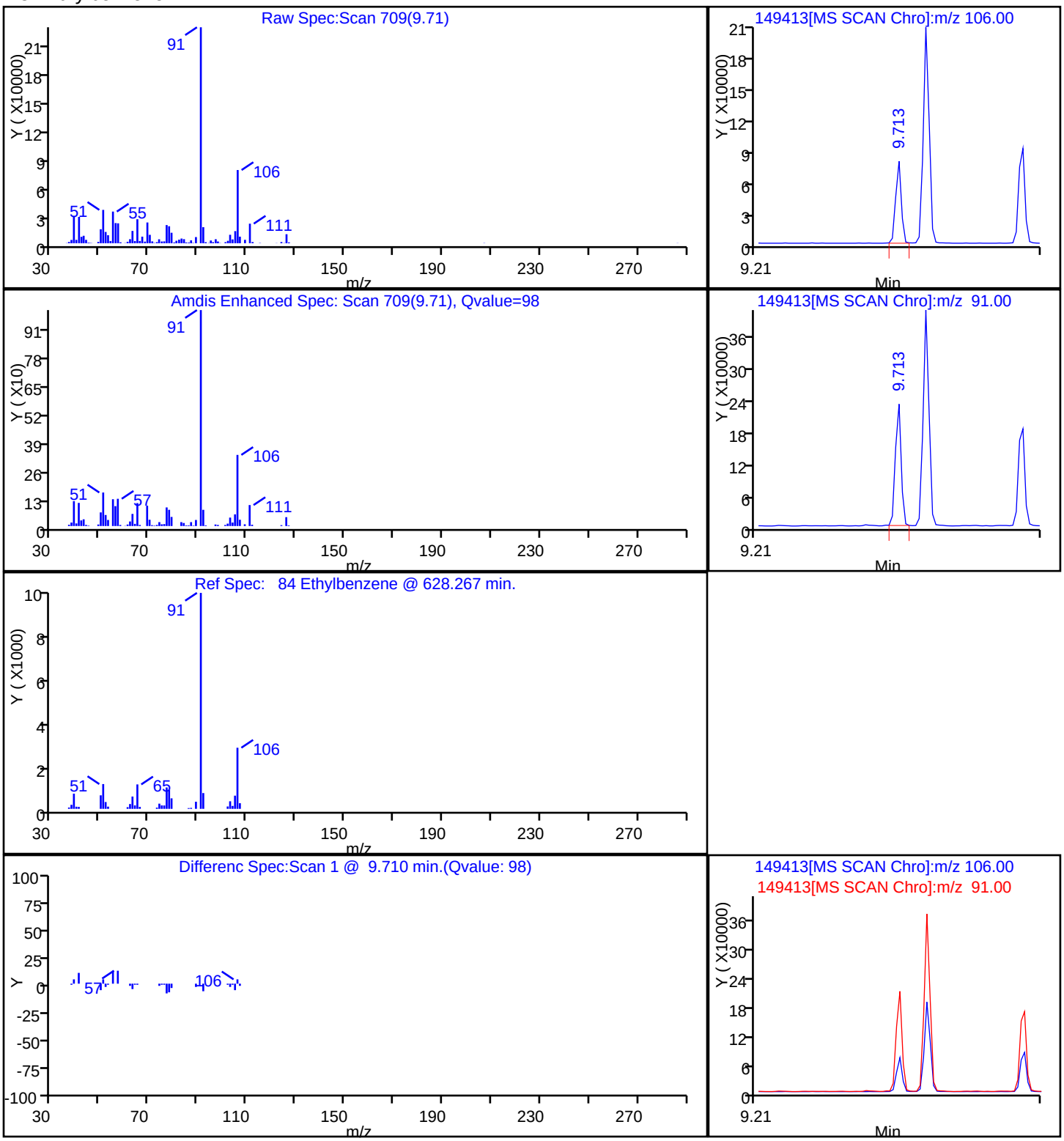
Report Date: 27-Nov-2012 11:12:00 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149413.D

Injection Date:	25-Nov-2012 12:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	14
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

84 Ethylbenzene



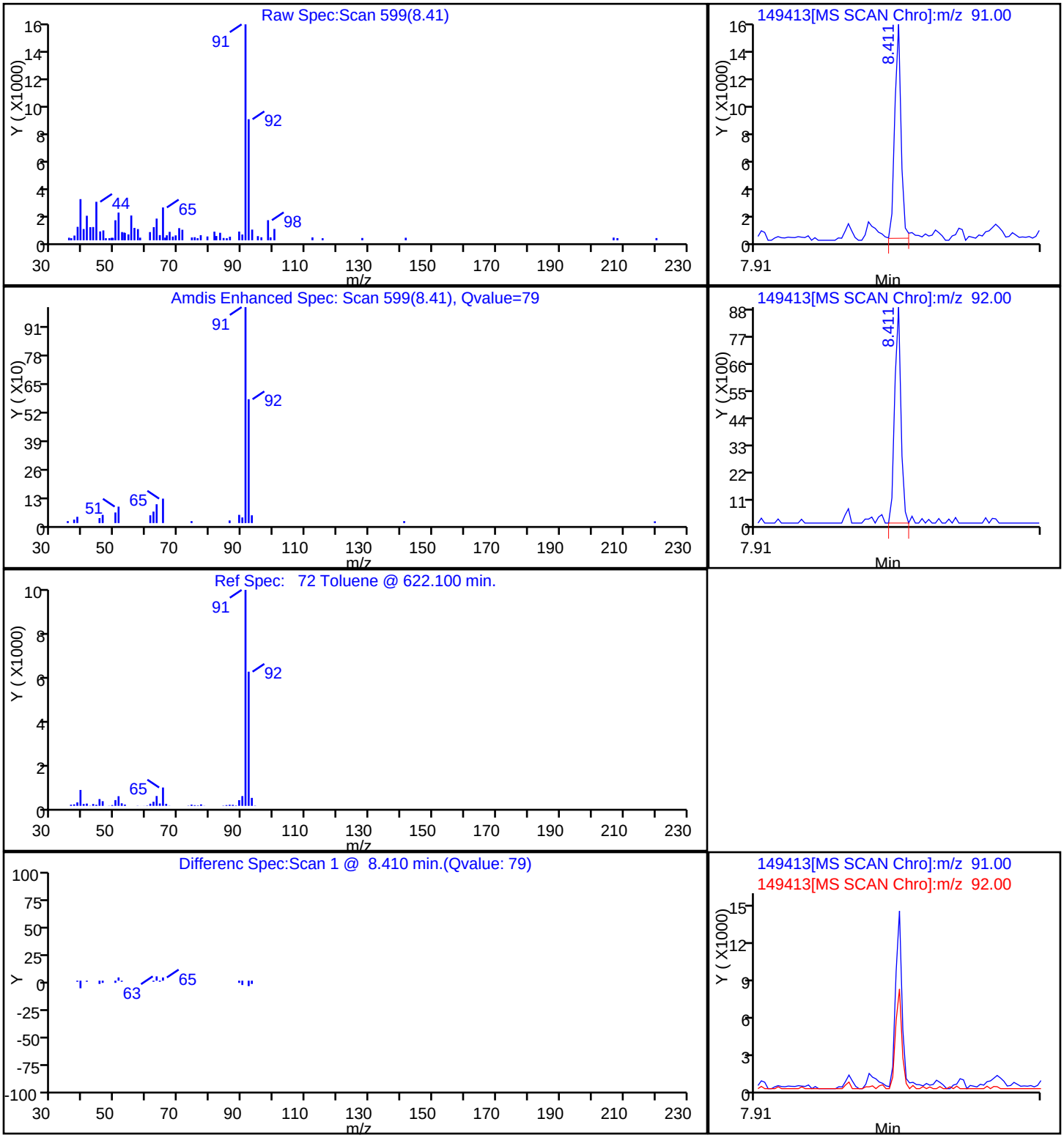
Report Date: 27-Nov-2012 11:12:00 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149413.D

Injection Date:	25-Nov-2012 12:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	14
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



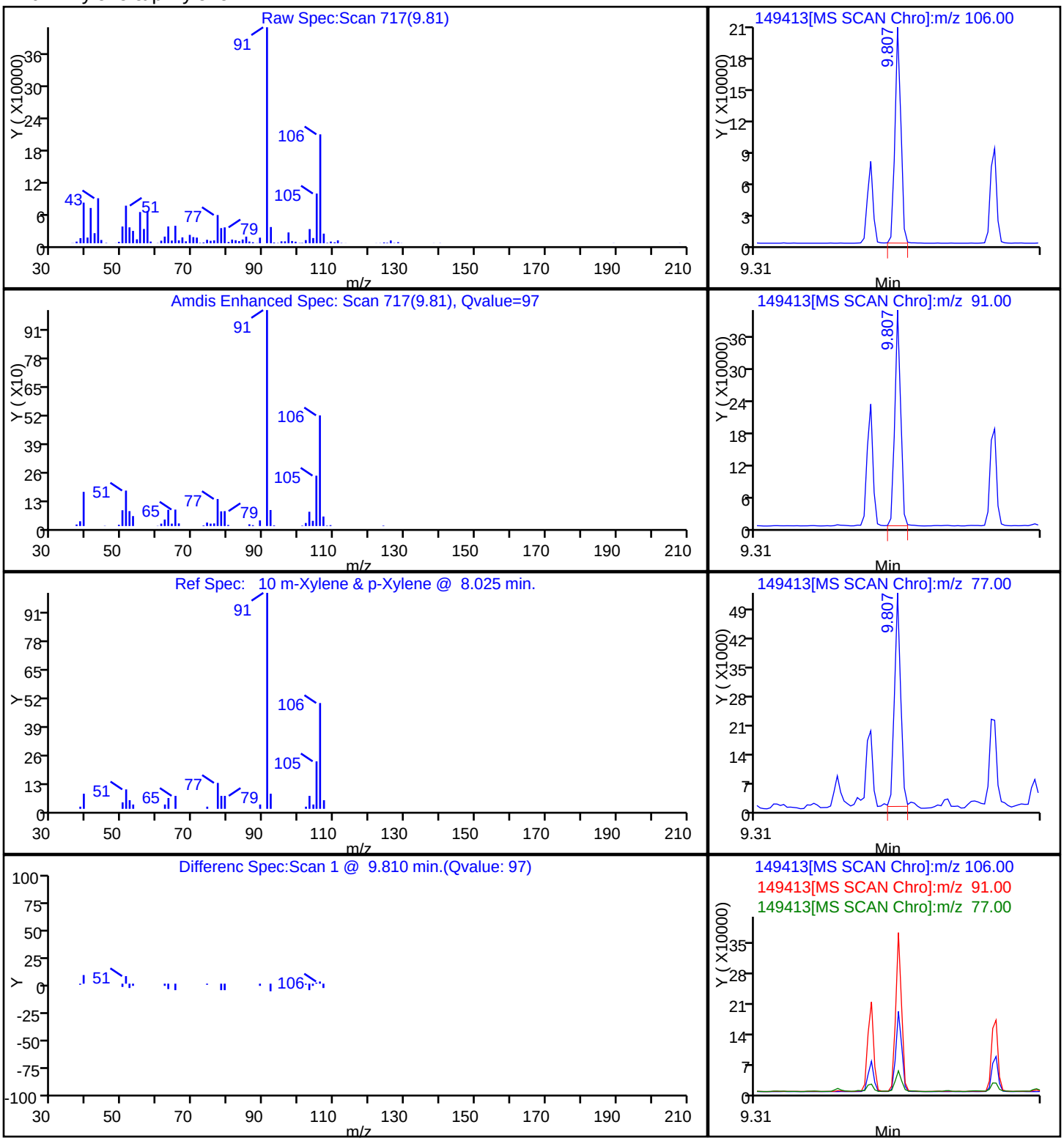
Report Date: 27-Nov-2012 11:12:00 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149413.D

Injection Date:	25-Nov-2012 12:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	14
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

10 m-Xylene & p-Xylene



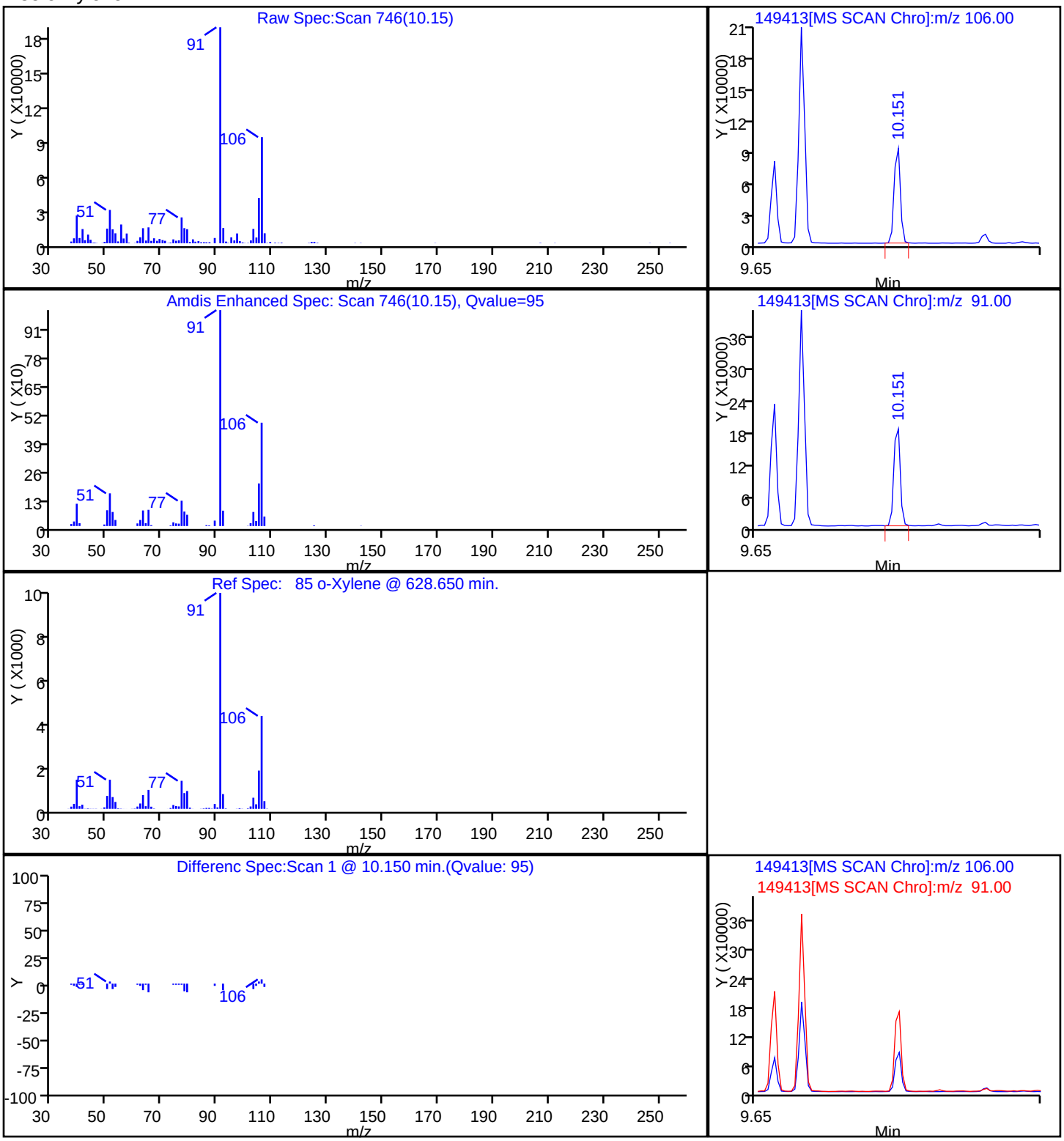
Report Date: 27-Nov-2012 11:12:00 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149413.D

Injection Date:	25-Nov-2012 12:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	14
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0015M-0001-SO | Lab Sample ID: 240-17768-5

Matrix: Solid | Lab File ID: 149397.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 13:00

Sample wt/vol: 6.359(g) | Date Analyzed: 11/23/2012 20:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 23.2 | Level: (low/med) Low

Analysis Batch No.: 66063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.0	U	5.1	1.0	0.57
79-34-5	1,1,2,2-Tetrachloroethane	0.51	U	5.1	0.51	0.35
79-00-5	1,1,2-Trichloroethane	0.51	U	5.1	0.51	0.40
75-34-3	1,1-Dichloroethane	0.51	U	5.1	0.51	0.37
75-35-4	1,1-Dichloroethene	1.0	U	5.1	1.0	0.53
106-93-4	1,2-Dibromoethane	1.0	U	5.1	1.0	0.51
107-06-2	1,2-Dichloroethane	0.51	U	5.1	0.51	0.35
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.79
78-87-5	1,2-Dichloropropane	1.0	U	5.1	1.0	0.71
78-93-3	2-Butanone (MEK)	3.1	J	20	2.0	1.4
591-78-6	2-Hexanone	1.0	U	20	1.0	0.65
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	20	1.0	0.55
67-64-1	Acetone	38	B	20	6.5	6.5
71-43-2	Benzene	0.51	U	5.1	0.51	0.24
74-97-5	Bromochloromethane	1.0	U	5.1	1.0	0.73
75-27-4	Bromodichloromethane	0.51	U	5.1	0.51	0.29
75-25-2	Bromoform	0.51	U	5.1	0.51	0.34
74-83-9	Bromomethane	1.0	U	5.1	1.0	0.55
75-15-0	Carbon disulfide	0.51	U	5.1	0.51	0.45
56-23-5	Carbon tetrachloride	0.51	U	5.1	0.51	0.38
108-90-7	Chlorobenzene	0.51	U	5.1	0.51	0.34
75-00-3	Chloroethane	1.0	U	5.1	1.0	0.88
67-66-3	Chloroform	0.51	U	5.1	0.51	0.30
74-87-3	Chloromethane	0.51	U	5.1	0.51	0.42
10061-01-5	cis-1,3-Dichloropropene	0.51	U	5.1	0.51	0.35
124-48-1	Dibromochloromethane	1.0	U	5.1	1.0	0.56
100-41-4	Ethylbenzene	0.51	U	5.1	0.51	0.27
1634-04-4	Methyl tert-butyl ether	0.51	U	5.1	0.51	0.44
75-09-2	Methylene Chloride	2.5	J	5.1	1.0	0.69
100-42-5	Styrene	0.51	U	5.1	0.51	0.15
127-18-4	Tetrachloroethene	1.0	U	5.1	1.0	0.53
108-88-3	Toluene	0.51	U	5.1	0.51	0.28
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.1	1.0	0.55
79-01-6	Trichloroethene	0.51	U	5.1	0.51	0.43
75-01-4	Vinyl chloride	0.51	U	5.1	0.51	0.40
1330-20-7	Xylenes, Total	1.5	U	10	1.5	0.69

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0015M-0001-SO Lab Sample ID: 240-17768-5

Matrix: Solid Lab File ID: 149397.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 13:00

Sample wt/vol: 6.359(g) Date Analyzed: 11/23/2012 20:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 23.2 Level: (low/med) Low

Analysis Batch No.: 66063 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		61-130
460-00-4	4-Bromofluorobenzene (Surr)	89		85-120
1868-53-7	Dibromofluoromethane (Surr)	83		59-138
2037-26-5	Toluene-d8 (Surr)	94		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149397.D
Lims ID: 240-17768-B-5-A Client ID: 70SB-0015M-0001-SO
Inject. Date: 23-Nov-2012 20:14:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-5-a
Misc. Info.: 240-0015202-032 =240-0015202-032
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 30
Lims Batch ID: 66063 Lims Sample ID: 32
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:57:02 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks Date: 25-Nov-2012 08:13:44

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2090929	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	1180350	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	99	563858	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	60	429535	41.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	92	610866	47.5	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1726588	46.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	500990	44.6	
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.157					
22 Acetone	43	3.252	3.264	-0.012	98	130380	36.8	
26 Carbon disulfide	76		3.430					
30 Methylene Chloride	84	3.891	3.891	0.0	87	62729	2.43	
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43	5.701	5.701	0.0	45	15372	3.00	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					9
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130	7.240	7.240	0.0	63	1625	0.1323	
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					
72 Toluene	91	8.411	8.411	0.0	82	7380	0.1809	
73 trans-1,3-Dichloropropene	75		8.600					
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.884					
78 2-Hexanone	43		8.979					9
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	50	646	0.0469	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	94	2219	0.1320	
85 o-Xylene	106		10.151					
86 Styrene	104		10.162					
87 Bromoform	173		10.328					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.1320	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

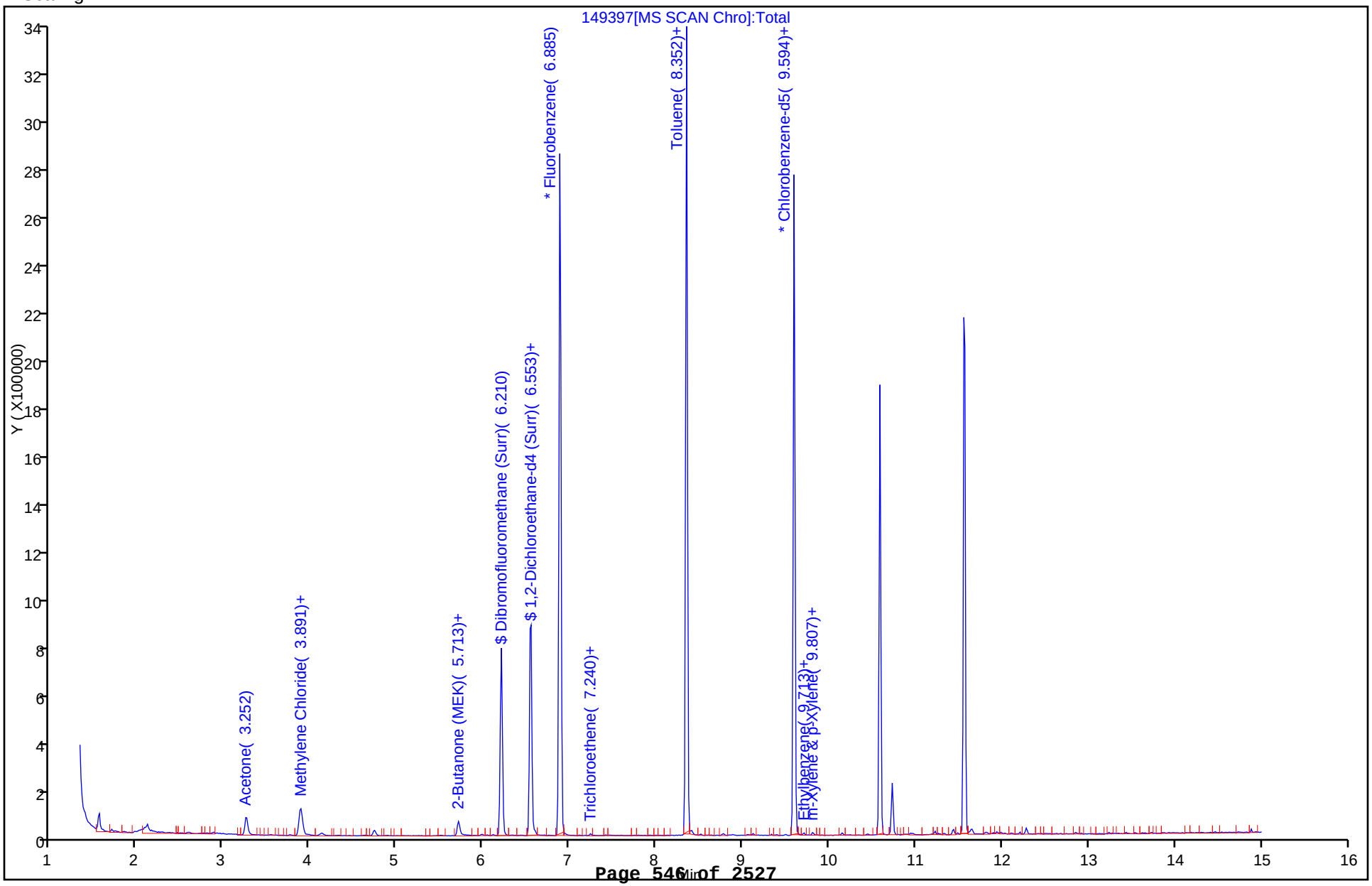
Report Date: 25-Nov-2012 10:57:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149397.D

Injection Date:	23-Nov-2012 20:14:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0015M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	32
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



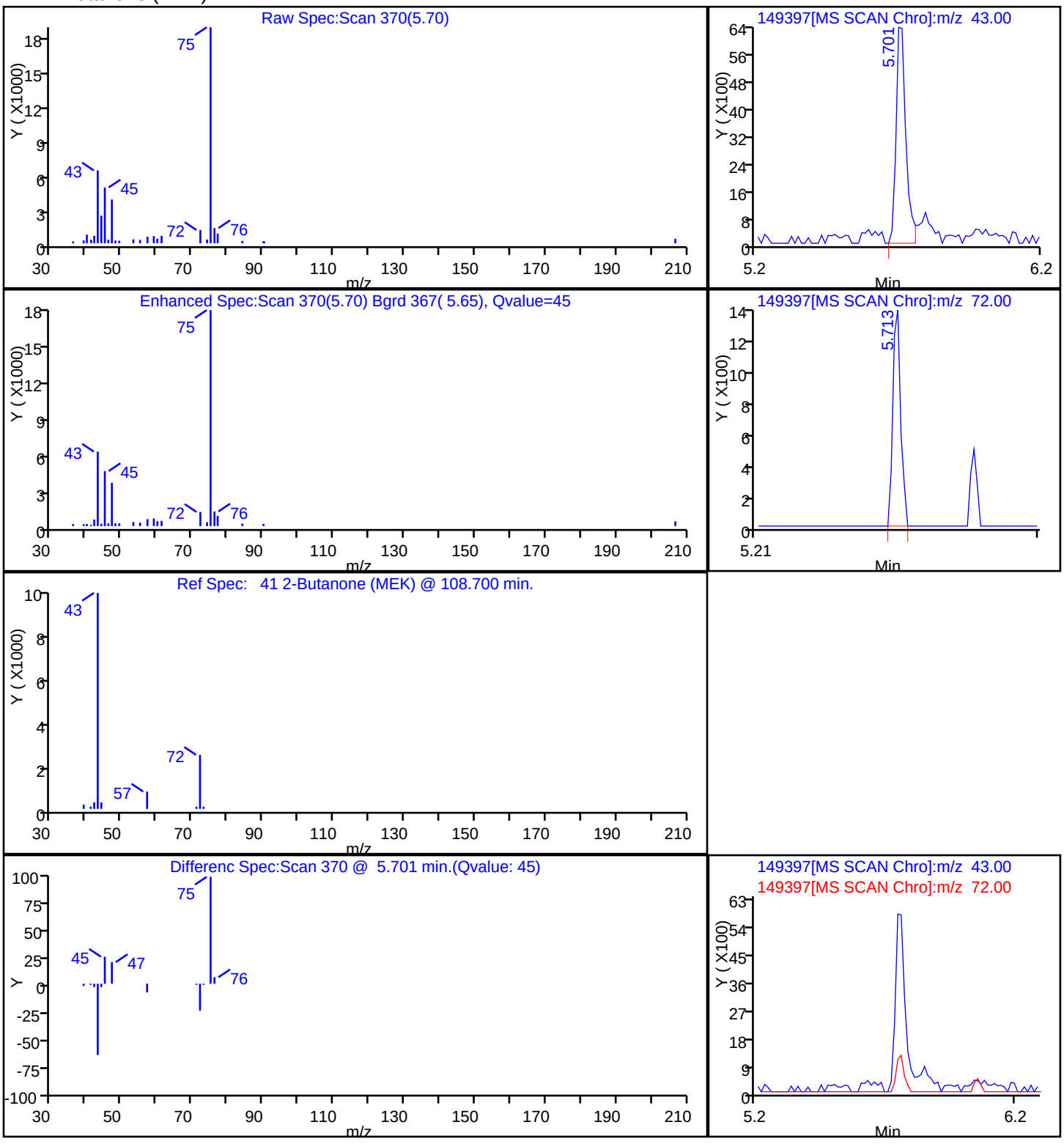
Report Date: 25-Nov-2012 10:57:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149397.D

Injection Date:	23-Nov-2012 20:14:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0015M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	32
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



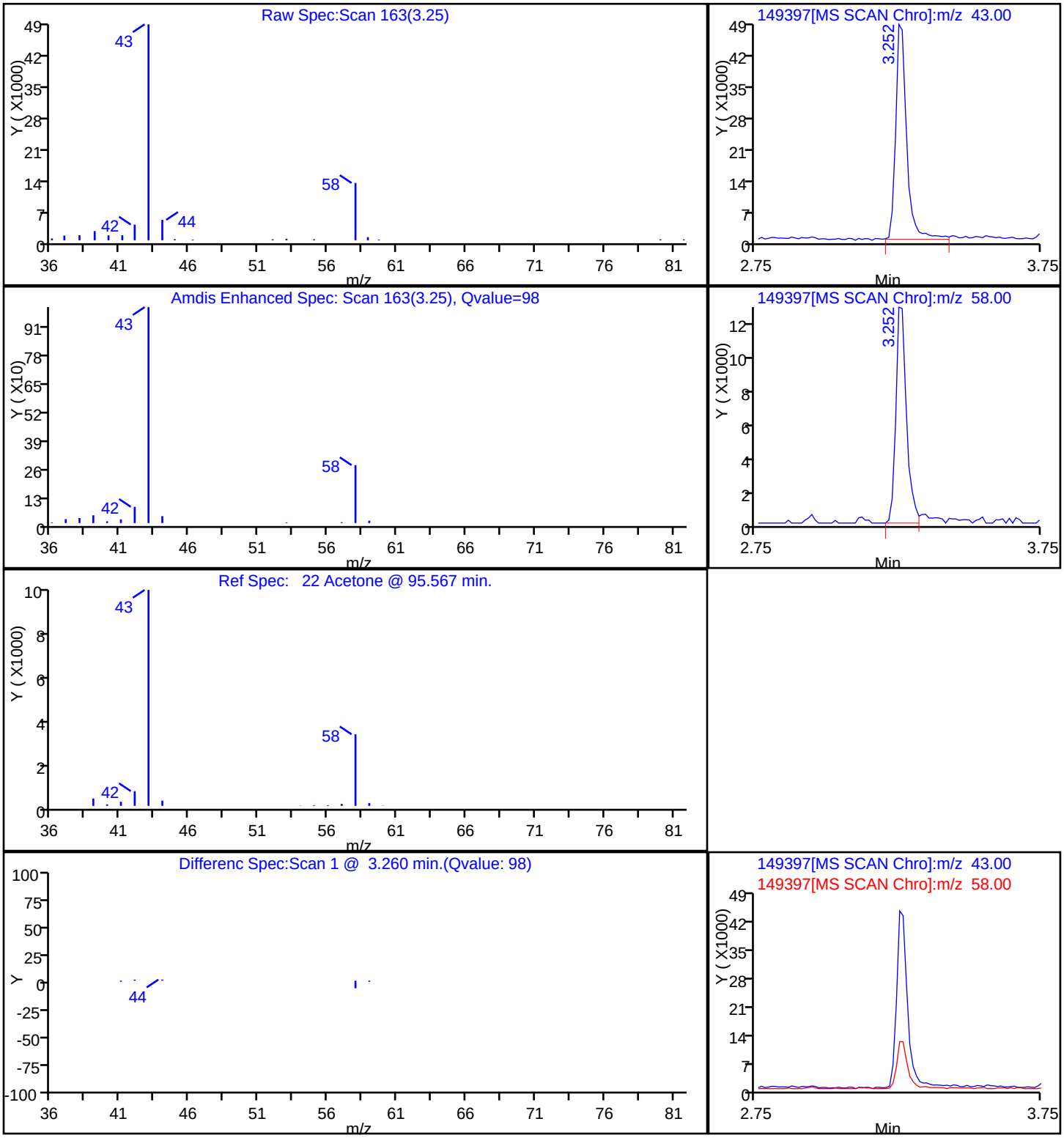
Report Date: 25-Nov-2012 10:57:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149397.D

Injection Date:	23-Nov-2012 20:14:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0015M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	32
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



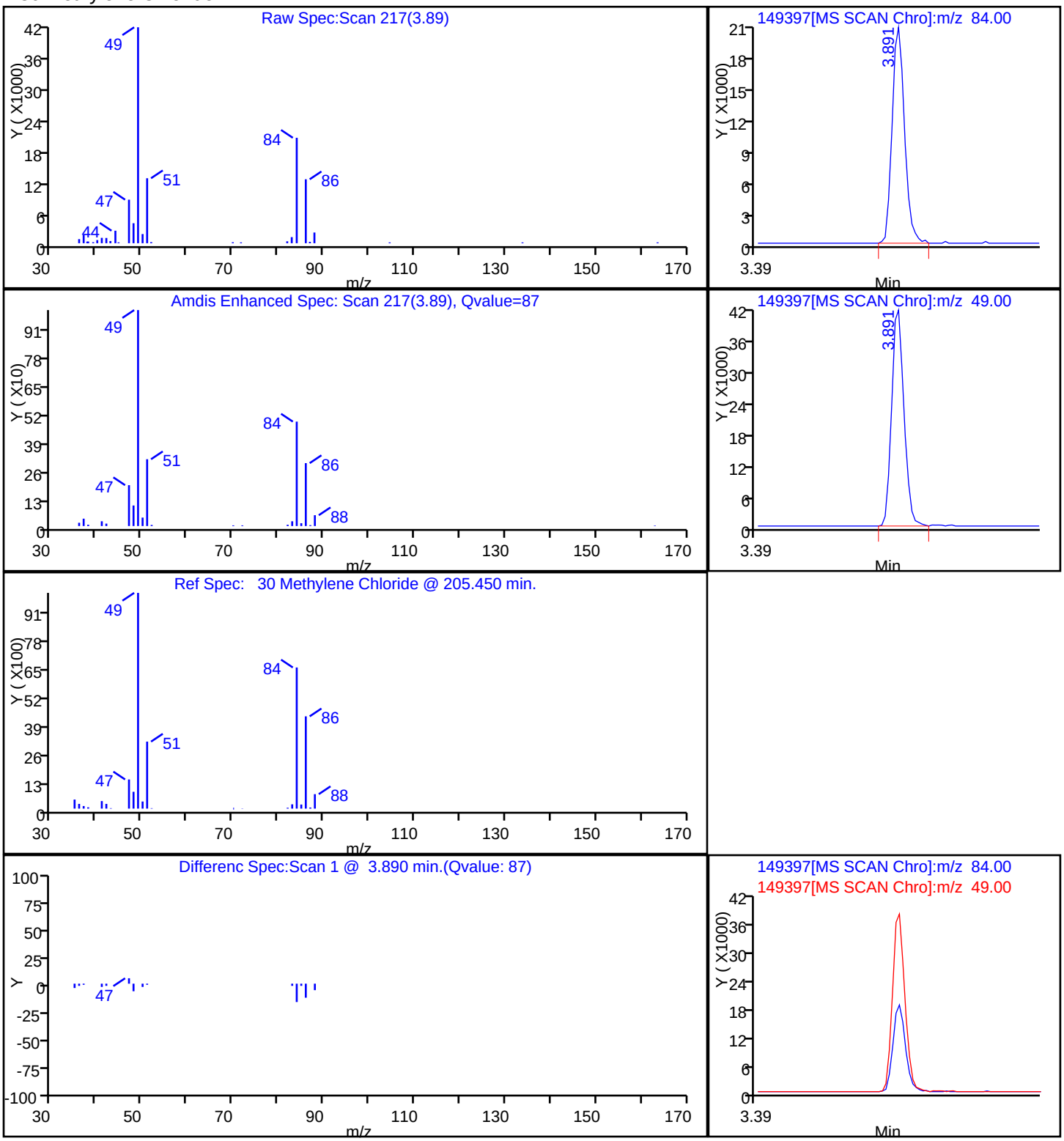
Report Date: 25-Nov-2012 10:57:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149397.D

Injection Date:	23-Nov-2012 20:14:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0015M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	32
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0016M-0001-SO | Lab Sample ID: 240-17768-6

Matrix: Solid | Lab File ID: 149398.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 11:50

Sample wt/vol: 5.535(g) | Date Analyzed: 11/23/2012 20:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.4 | Level: (low/med) Low

Analysis Batch No.: 66063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.1	U	5.6	1.1	0.63
79-34-5	1,1,2,2-Tetrachloroethane	0.56	U	5.6	0.56	0.38
79-00-5	1,1,2-Trichloroethane	0.56	U	5.6	0.56	0.44
75-34-3	1,1-Dichloroethane	0.56	U	5.6	0.56	0.40
75-35-4	1,1-Dichloroethene	1.1	U	5.6	1.1	0.58
106-93-4	1,2-Dibromoethane	1.1	U	5.6	1.1	0.56
107-06-2	1,2-Dichloroethane	0.56	U	5.6	0.56	0.38
540-59-0	1,2-Dichloroethene, Total	1.1	U	11	1.1	0.86
78-87-5	1,2-Dichloropropane	1.1	U	5.6	1.1	0.77
78-93-3	2-Butanone (MEK)	4.2	J	22	2.2	1.6
591-78-6	2-Hexanone	1.1	U	22	1.1	0.71
108-10-1	4-Methyl-2-pentanone (MIBK)	1.1	U	22	1.1	0.61
67-64-1	Acetone	34	B	22	7.1	7.1
71-43-2	Benzene	0.56	U	5.6	0.56	0.26
74-97-5	Bromochloromethane	1.1	U	5.6	1.1	0.80
75-27-4	Bromodichloromethane	0.56	U	5.6	0.56	0.31
75-25-2	Bromoform	0.56	U	5.6	0.56	0.37
74-83-9	Bromomethane	1.1	U	5.6	1.1	0.61
75-15-0	Carbon disulfide	3.6	J	5.6	0.56	0.49
56-23-5	Carbon tetrachloride	0.56	U	5.6	0.56	0.41
108-90-7	Chlorobenzene	0.56	U	5.6	0.56	0.37
75-00-3	Chloroethane	1.1	U	5.6	1.1	0.96
67-66-3	Chloroform	0.56	U	5.6	0.56	0.33
74-87-3	Chloromethane	0.56	U	5.6	0.56	0.46
10061-01-5	cis-1,3-Dichloropropene	0.56	U	5.6	0.56	0.38
124-48-1	Dibromochloromethane	1.1	U	5.6	1.1	0.62
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
75-09-2	Methylene Chloride	1.1	U	5.6	1.1	0.75
100-42-5	Styrene	0.56	U	5.6	0.56	0.17
127-18-4	Tetrachloroethene	1.1	U	5.6	1.1	0.58
108-88-3	Toluene	0.56	U	5.6	0.56	0.30
10061-02-6	trans-1,3-Dichloropropene	1.1	U	5.6	1.1	0.61
79-01-6	Trichloroethene	0.56	U	5.6	0.56	0.47
75-01-4	Vinyl chloride	0.56	U	5.6	0.56	0.44
1330-20-7	Xylenes, Total	1.7	U	11	1.7	0.75

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0016M-0001-SO Lab Sample ID: 240-17768-6

Matrix: Solid Lab File ID: 149398.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 11:50

Sample wt/vol: 5.535(g) Date Analyzed: 11/23/2012 20:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.4 Level: (low/med) Low

Analysis Batch No.: 66063 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		61-130
460-00-4	4-Bromofluorobenzene (Surr)	89		85-120
1868-53-7	Dibromofluoromethane (Surr)	81		59-138
2037-26-5	Toluene-d8 (Surr)	93		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149398.D
Lims ID: 240-17768-B-6-A
Client ID: 70SB-0016M-0001-SO
Inject. Date: 23-Nov-2012 20:36:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-6-a
Misc. Info.: 240-0015202-033 =240-0015202-033
Operator: 002808
Instrument ID: A3UX14
Purge Vol: 5.000 mL
ALS Bottle#: 31
Lims Batch ID: 66063
Lims Sample ID: 33
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:57:02
Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: DB-624
Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks
Date: 25-Nov-2012 08:14:31

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2084188	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	91	1210161	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	588093	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	70	420739	40.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	92	616319	48.1	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1748456	46.3	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	520845	44.4	
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.157					
22 Acetone	43	3.264	3.264	0.0	98	110902	30.4	
26 Carbon disulfide	76	3.418	3.430	-0.012	90	8178	3.21	
30 Methylene Chloride	84		3.891					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43	5.713	5.701	0.012	38	19215	3.77	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					9
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					
72 Toluene	91	8.411	8.411	0.0	63	5290	0.1265	
73 trans-1,3-Dichloropropene	75		8.600					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.884					9
78 2-Hexanone	43		8.979					9
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	1	943	0.0668	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	76	1957	0.1136	
85 o-Xylene	106		10.151					
86 Styrene	104		10.162					
87 Bromoform	173		10.328					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.1136	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

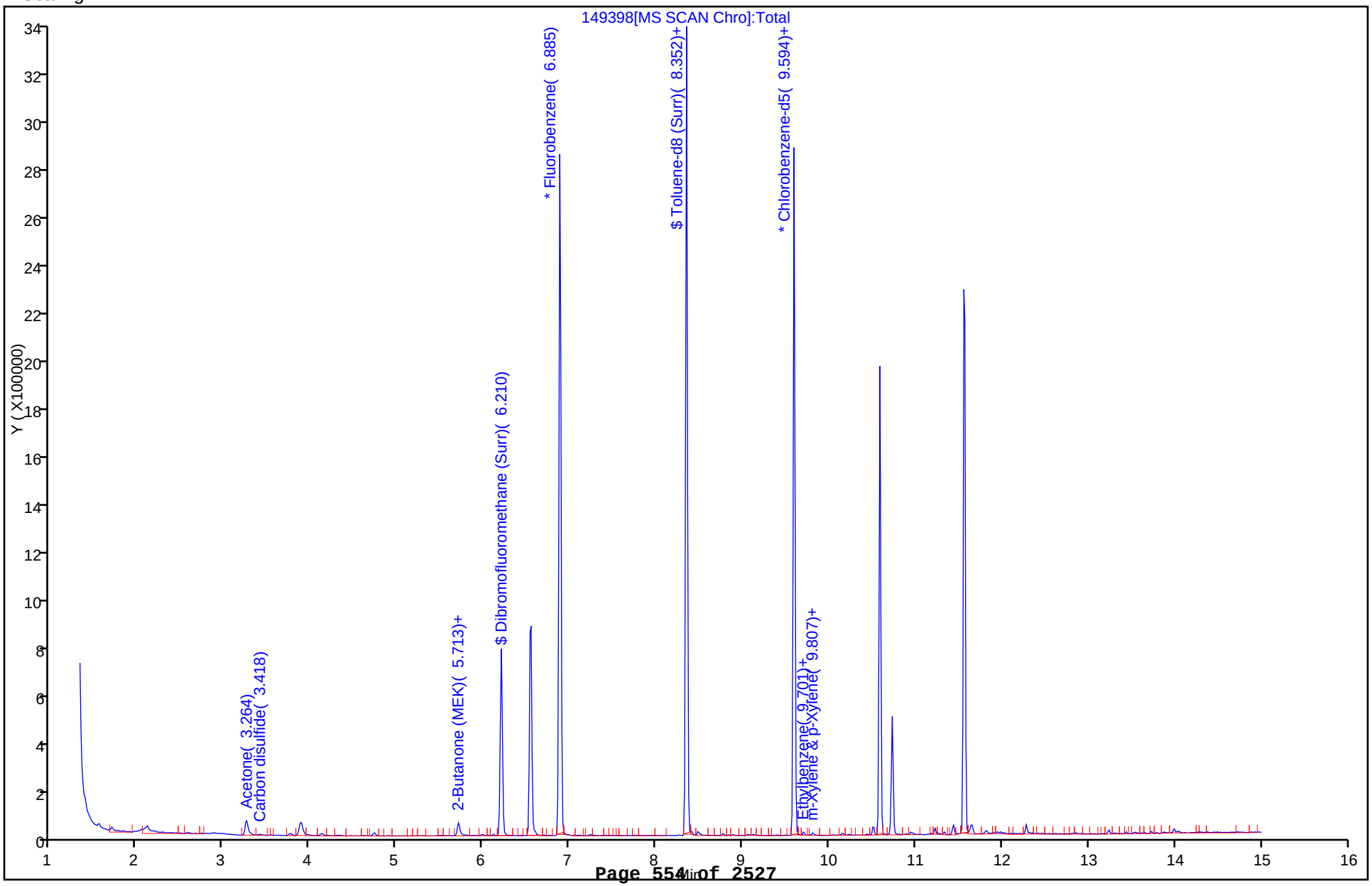
Report Date: 25-Nov-2012 10:57:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149398.D

Injection Date:	23-Nov-2012 20:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0016M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	33
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



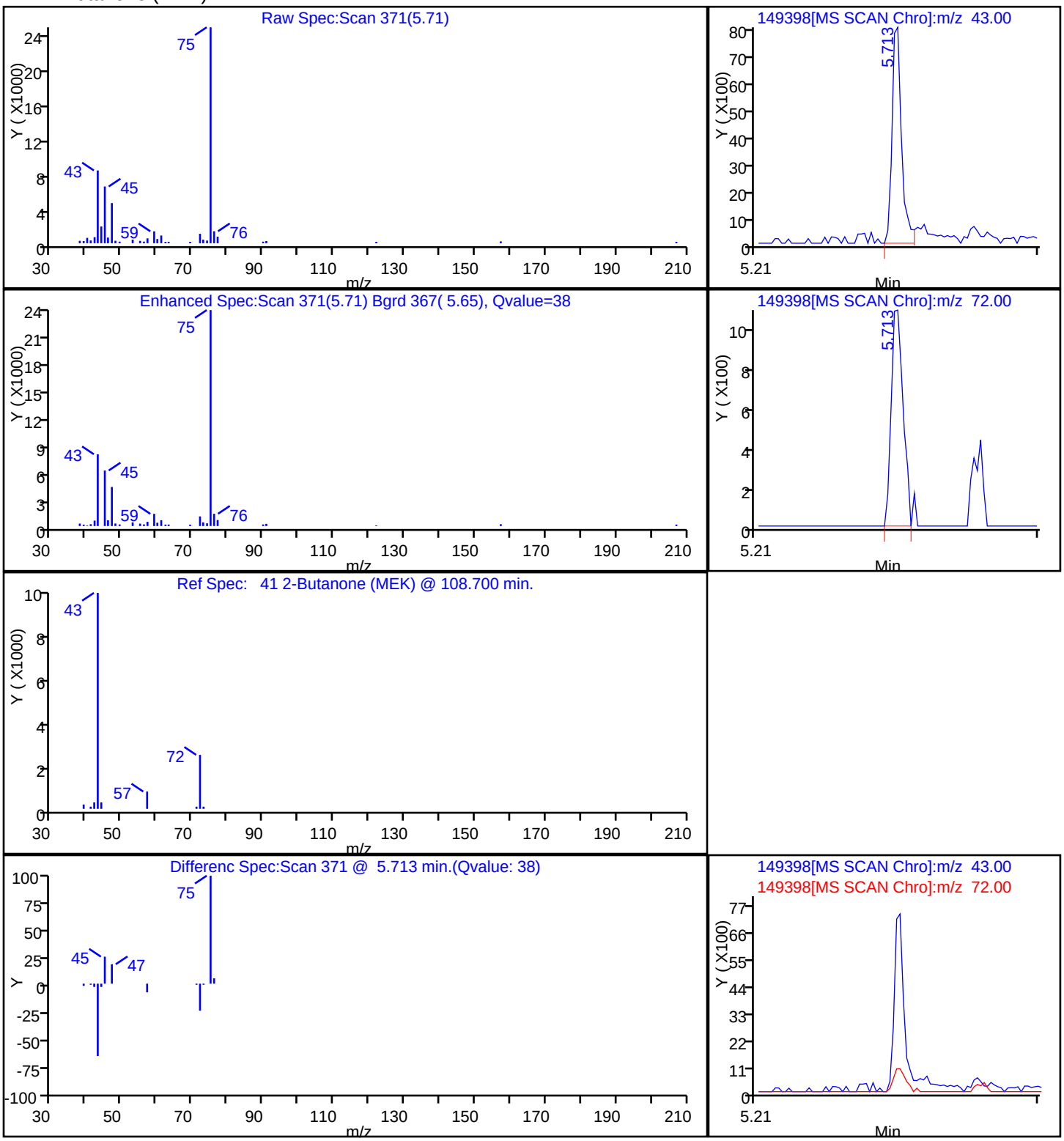
Report Date: 25-Nov-2012 10:57:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149398.D

Injection Date:	23-Nov-2012 20:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0016M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	33
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



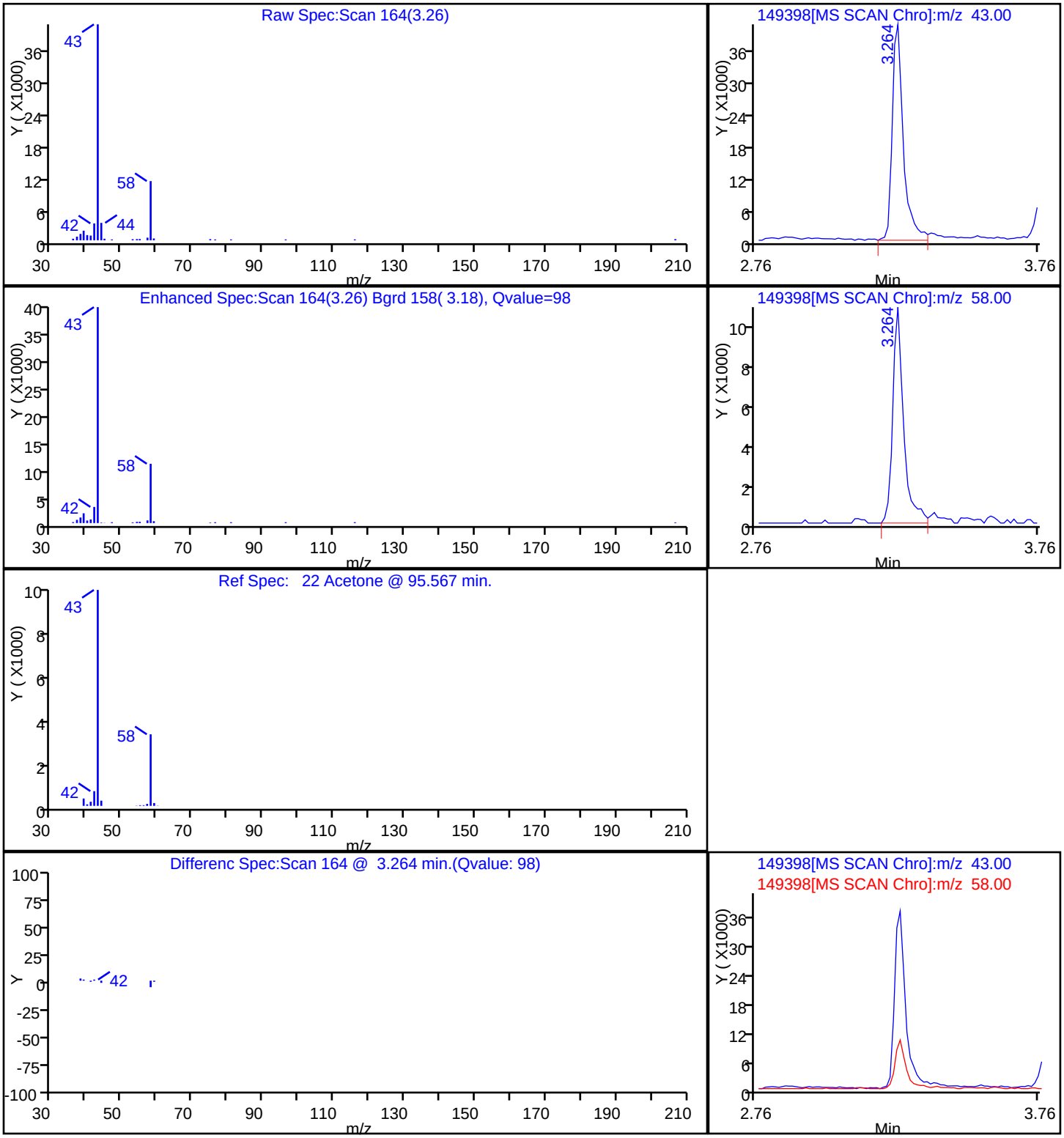
Report Date: 25-Nov-2012 10:57:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149398.D

Injection Date:	23-Nov-2012 20:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0016M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	33
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



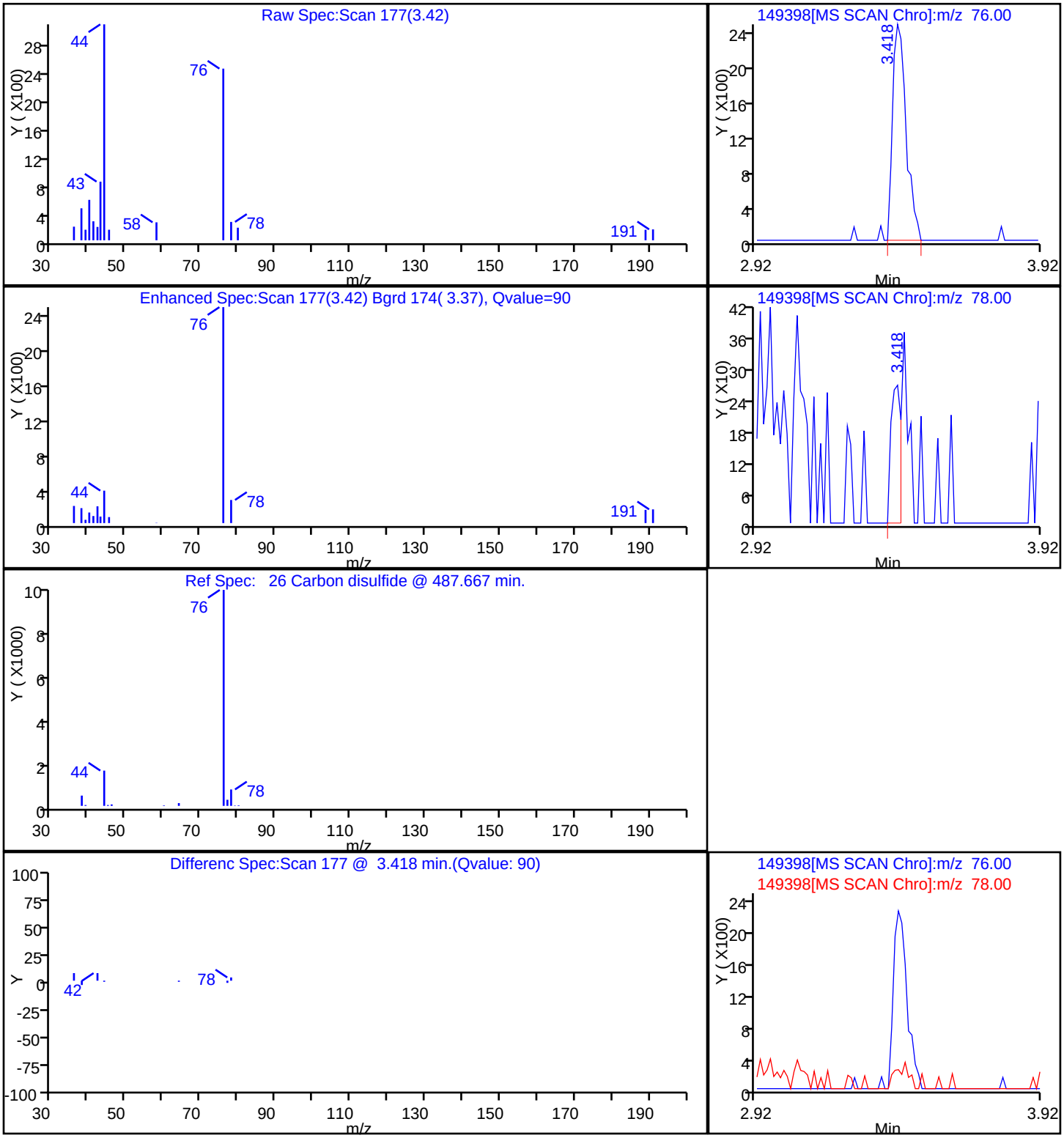
Report Date: 25-Nov-2012 10:57:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149398.D

Injection Date:	23-Nov-2012 20:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0016M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	33
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0017M-0001-SO | Lab Sample ID: 240-17768-7

Matrix: Solid | Lab File ID: 149420.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 12:15

Sample wt/vol: 5.191(g) | Date Analyzed: 11/25/2012 14:39

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 20.8 | Level: (low/med) Low

Analysis Batch No.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.2	U	6.1	1.2	0.68
79-34-5	1,1,2,2-Tetrachloroethane	0.61	U	6.1	0.61	0.41
79-00-5	1,1,2-Trichloroethane	0.61	U	6.1	0.61	0.47
75-34-3	1,1-Dichloroethane	0.61	U	6.1	0.61	0.44
75-35-4	1,1-Dichloroethene	1.2	U	6.1	1.2	0.63
106-93-4	1,2-Dibromoethane	1.2	U	6.1	1.2	0.61
107-06-2	1,2-Dichloroethane	0.61	U	6.1	0.61	0.41
540-59-0	1,2-Dichloroethene, Total	1.2	U	12	1.2	0.94
78-87-5	1,2-Dichloropropane	1.2	U	6.1	1.2	0.84
78-93-3	2-Butanone (MEK)	9.2	J	24	2.4	1.7
591-78-6	2-Hexanone	1.2	U	24	1.2	0.77
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	24	1.2	0.66
67-64-1	Acetone	52	B	24	7.7	7.7
71-43-2	Benzene	0.61	U	6.1	0.61	0.28
74-97-5	Bromochloromethane	1.2	U	6.1	1.2	0.86
75-27-4	Bromodichloromethane	0.61	U	6.1	0.61	0.34
75-25-2	Bromoform	0.61	U	6.1	0.61	0.40
74-83-9	Bromomethane	1.2	U	6.1	1.2	0.66
75-15-0	Carbon disulfide	3.6	J B	6.1	0.61	0.54
56-23-5	Carbon tetrachloride	0.61	U	6.1	0.61	0.45
108-90-7	Chlorobenzene	0.61	U	6.1	0.61	0.40
75-00-3	Chloroethane	1.2	U	6.1	1.2	1.0
67-66-3	Chloroform	0.61	U	6.1	0.61	0.35
74-87-3	Chloromethane	0.61	U	6.1	0.61	0.50
10061-01-5	cis-1,3-Dichloropropene	0.61	U	6.1	0.61	0.41
124-48-1	Dibromochloromethane	1.2	U	6.1	1.2	0.67
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
75-09-2	Methylene Chloride	1.2	U	6.1	1.2	0.82
100-42-5	Styrene	0.61	U	6.1	0.61	0.18
127-18-4	Tetrachloroethene	1.2	U	6.1	1.2	0.63
108-88-3	Toluene	0.61	U	6.1	0.61	0.33
10061-02-6	trans-1,3-Dichloropropene	1.2	U	6.1	1.2	0.66
79-01-6	Trichloroethene	0.61	U	6.1	0.61	0.51
75-01-4	Vinyl chloride	0.61	U	6.1	0.61	0.47
1330-20-7	Xylenes, Total	1.8	U	12	1.8	0.82

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0017M-0001-SO Lab Sample ID: 240-17768-7

Matrix: Solid Lab File ID: 149420.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 12:15

Sample wt/vol: 5.191(g) Date Analyzed: 11/25/2012 14:39

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 20.8 Level: (low/med) Low

Analysis Batch No.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		61-130
460-00-4	4-Bromofluorobenzene (Surr)	94		85-120
1868-53-7	Dibromofluoromethane (Surr)	83		59-138
2037-26-5	Toluene-d8 (Surr)	94		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149420.D
Lims ID: 240-17768-B-7-A Client ID: 70SB-0017M-0001-SO
Inject. Date: 25-Nov-2012 14:39:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-7-a
Misc. Info.: 240-0015237-021 =240-0015237-021
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 20
Lims Batch ID: 66175 Lims Sample ID: 21
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:26:34

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2155802	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	91	1208262	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.559	0.011	99	524785	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	68	444581	41.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	91	626127	47.2	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1777781	47.2	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	489917	46.9	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.145					
22 Acetone	43	3.264	3.252	0.012	97	152360	42.5	
26 Carbon disulfide	76	3.418	3.418	0.0	55	1549	2.95	
30 Methylene Chloride	84		3.879					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	39713	7.53	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130	7.240	7.240	0.0	62	1714	0.1353	
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	77	7318	0.1753	
73 trans-1,3-Dichloropropene	75		8.600					9
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.884					9
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	56	1033	0.0733	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	81	2384	0.1386	
85 o-Xylene	106		10.150					
86 Styrene	104		10.150					
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.1386	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

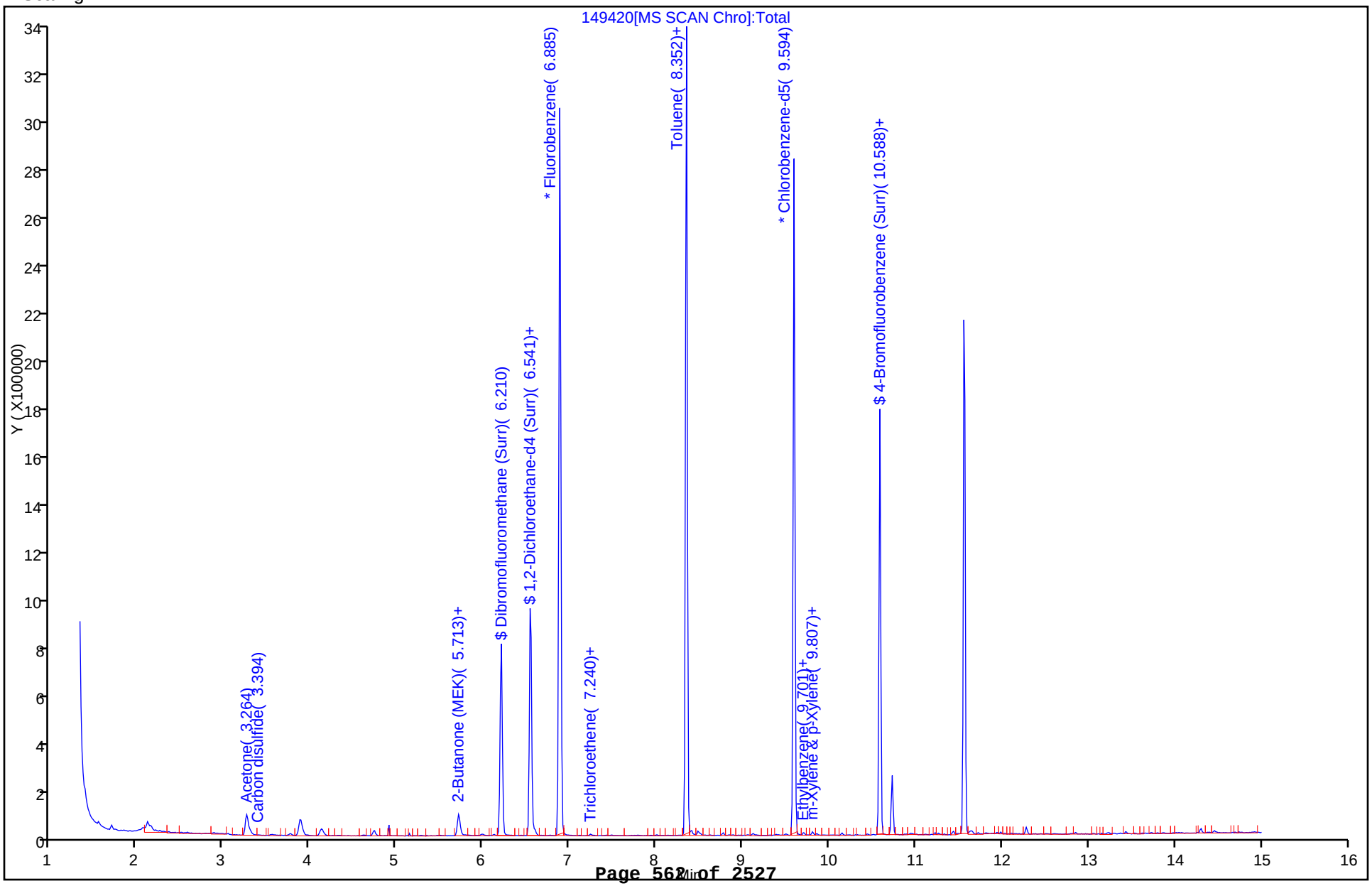
Report Date: 27-Nov-2012 11:12:05 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149420.D

Injection Date:	25-Nov-2012 14:39:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0017M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	21
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



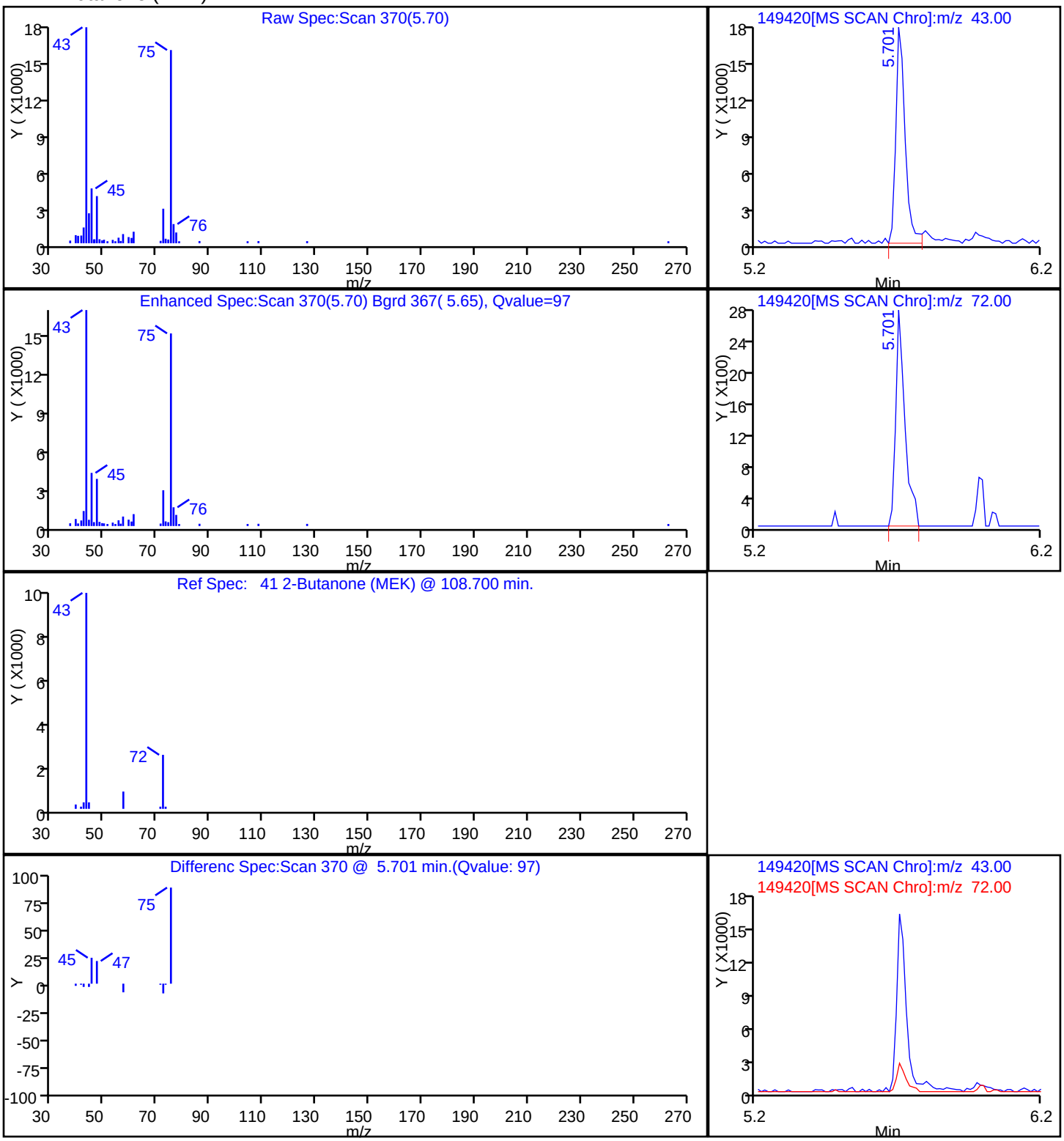
Report Date: 27-Nov-2012 11:12:05 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149420.D

Injection Date:	25-Nov-2012 14:39:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0017M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	21
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



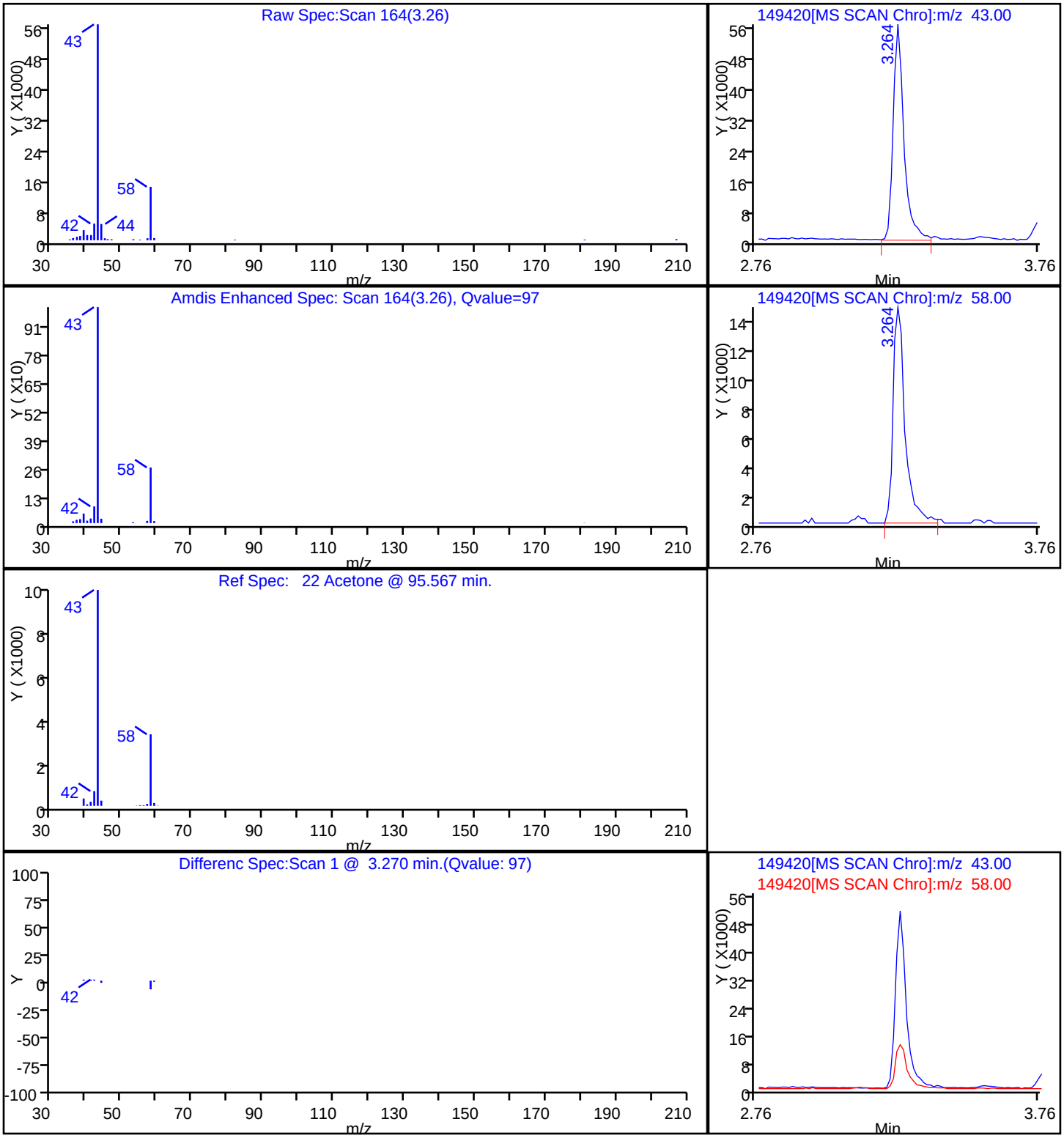
Report Date: 27-Nov-2012 11:12:05 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149420.D

Injection Date:	25-Nov-2012 14:39:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0017M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	21
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



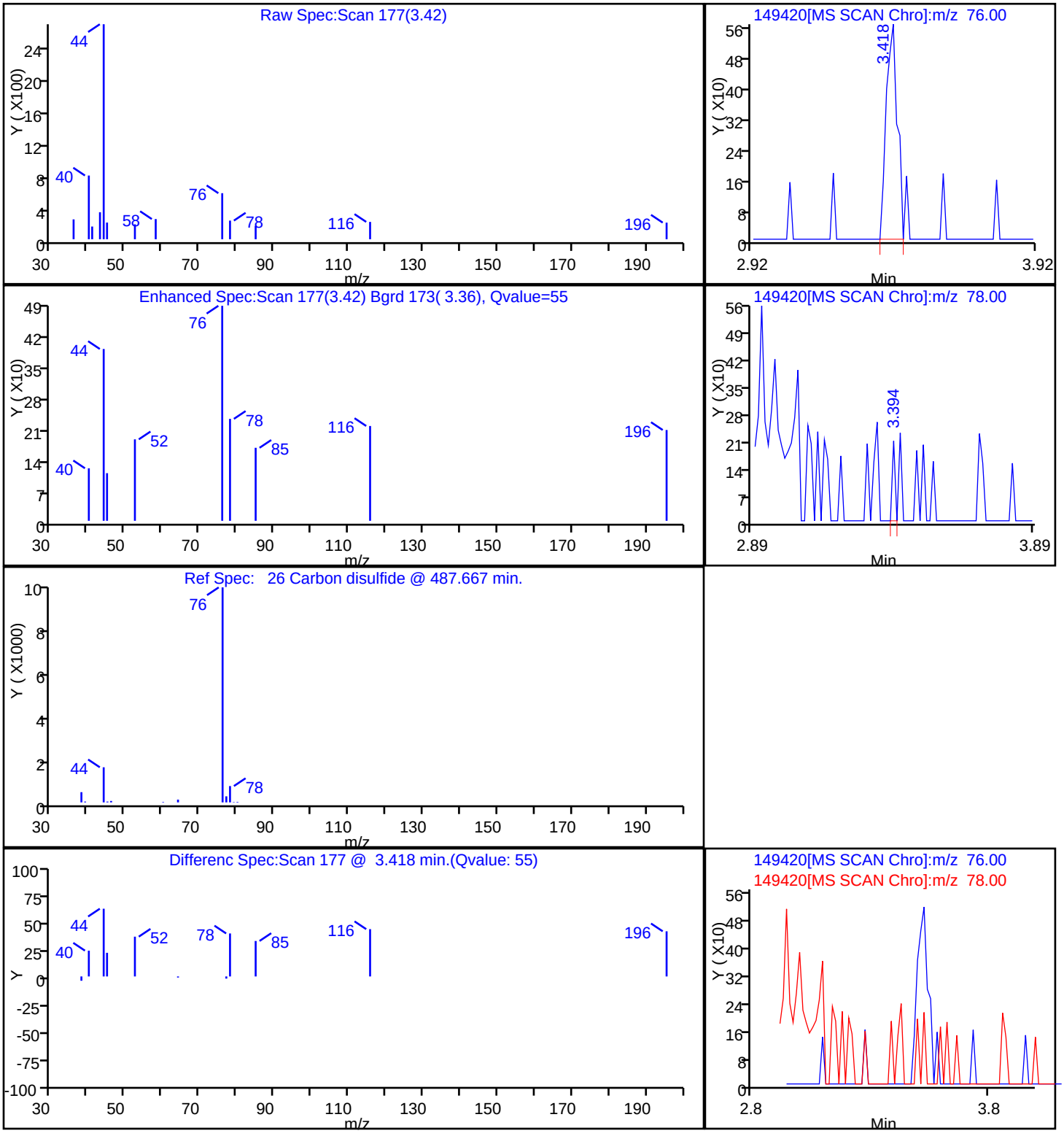
Report Date: 27-Nov-2012 11:12:05 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149420.D

Injection Date:	25-Nov-2012 14:39:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0017M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	21
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0018-0001-TB | Lab Sample ID: 240-17768-8

Matrix: Water | Lab File ID: UXX1135.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2012 13:25

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.: 65929 | 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	0.84	J B	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.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0018-0001-TB Lab Sample ID: 240-17768-8

Matrix: Water Lab File ID: UXX1135.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2012 13:25

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.: 65929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	101		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		70-120
460-00-4	4-Bromofluorobenzene (Surr)	76		75-120
1868-53-7	Dibromofluoromethane (Surr)	102		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1135.D
Lims ID: 240-17768-A-8 Client ID: 70SB-0018-0001-TB
Inject. Date: 21-Nov-2012 13:25:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015165-009
Misc. Info.: P21121A,8260LLUX10,,1904 =P21121A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 8
Lims Batch ID: 65929 Lims Sample ID: 9
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121121-15165.b\8260_10.m
Last Update: 23-Nov-2012 08:56:27 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: quayler Date: 21-Nov-2012 14:06:50

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	1814924	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.881	-0.002	86	1104535	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.129	-0.002	94	466609	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.626	0.010	59	506214	10.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.922	-0.002	0	605427	10.4	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	94	1749915	10.1	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	89	434453	7.56	
13 Chloromethane	50		1.704					9
14 Vinyl chloride	62		1.798					9
16 Bromomethane	94		2.094					9
17 Chloroethane	64		2.177					9
23 1,1-Dichloroethene	96		2.804					
24 Acetone	43		2.828					
27 Carbon disulfide	76		3.005					9
31 Methylene Chloride	84	3.193	3.195	-0.002	91	52404	0.8367	
34 trans-1,2-Dichloroethene	96		3.431					
35 Methyl tert-butyl ether	73		3.431					
37 1,1-Dichloroethane	63		3.775					
42 2-Butanone (MEK)	43		4.236					
43 cis-1,2-Dichloroethene	96		4.248					
48 Chlorobromomethane	128		4.437					
50 Chloroform	83		4.496					9
51 1,1,1-Trichloroethane	97		4.674					
54 Carbon tetrachloride	117		4.828					
56 1,2-Dichloroethane	62		4.981					
57 Benzene	78		4.981					9
61 Trichloroethene	130		5.526					9
64 1,2-Dichloropropane	63		5.703					
68 Dichlorobromomethane	83		5.928					
71 cis-1,3-Dichloropropene	75		6.319					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
72 4-Methyl-2-pentanone (MIBK)	43		6.437					
73 Toluene	91		6.626					9
74 trans-1,3-Dichloropropene	75		6.804					
76 1,1,2-Trichloroethane	97		6.969					
78 Tetrachloroethene	164	7.121	7.135	-0.014	64	5993	0.1594	
79 2-Hexanone	43		7.182					
81 Chlorodibromomethane	129		7.336					
83 Ethylene Dibromide	107		7.455					
85 Chlorobenzene	112		7.904					
87 Ethylbenzene	106		8.011					
88 m-Xylene & p-Xylene	106		8.117					9
89 o-Xylene	106		8.496					
90 Styrene	104		8.508					
91 Bromoform	173		8.685					
95 1,1,2,2-Tetrachloroethane	83		9.111					
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

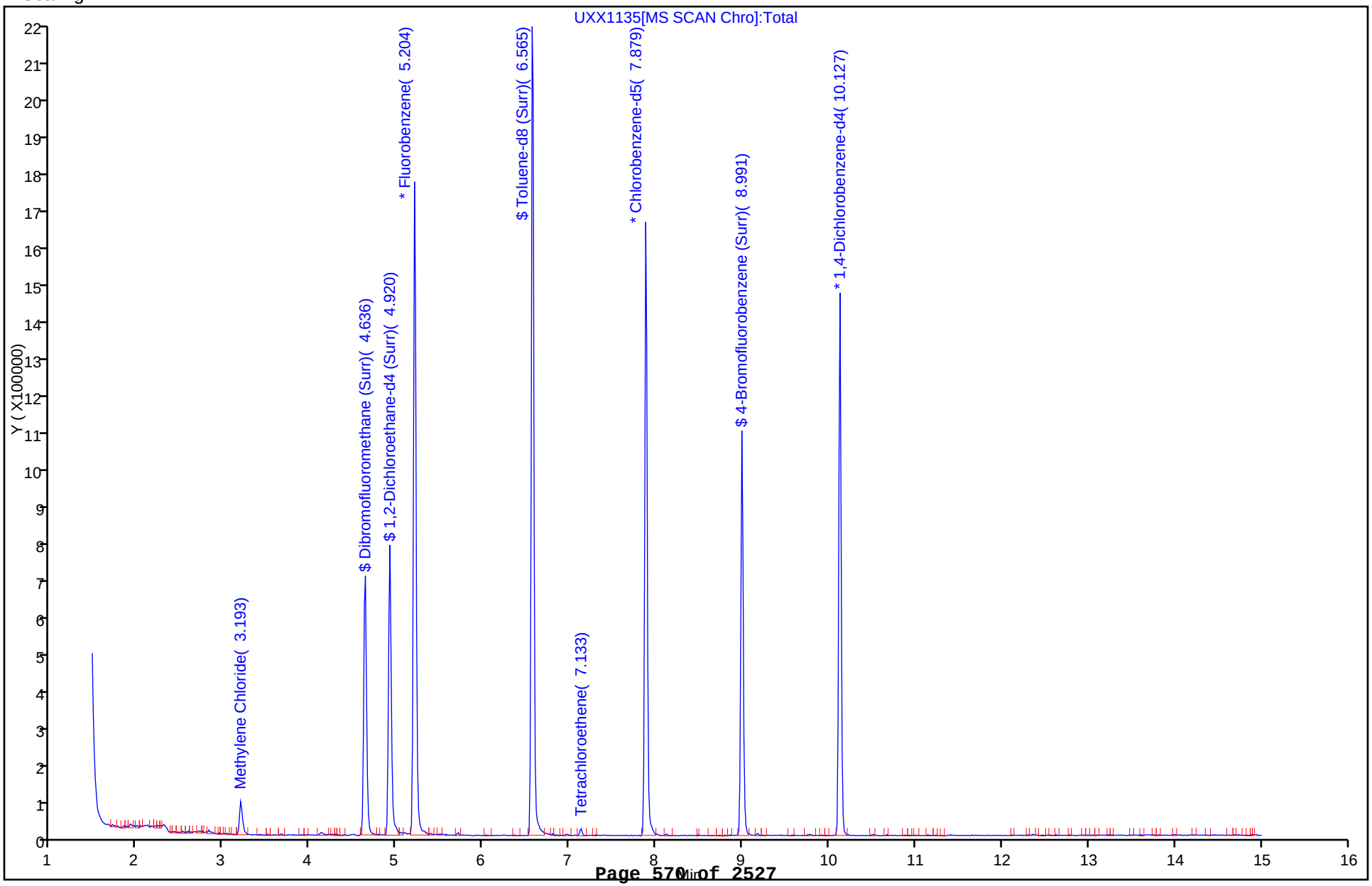
Report Date: 23-Nov-2012 08:56:56 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1135.D

Injection Date:	21-Nov-2012 13:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0018-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	65929	Lims Sample ID:	9
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



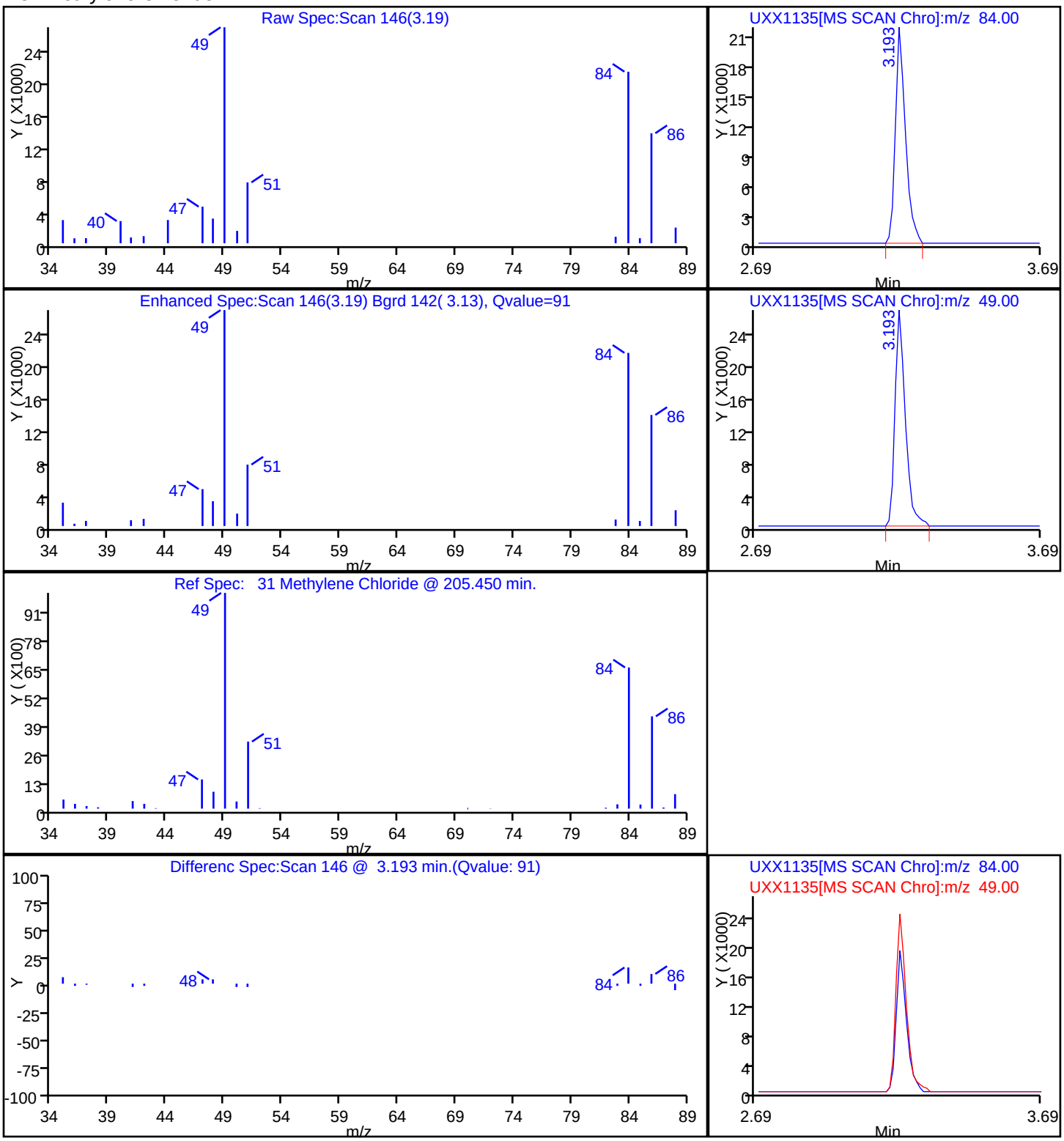
Report Date: 23-Nov-2012 08:56:56 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1135.D

Injection Date:	21-Nov-2012 13:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	70SB-0018-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	65929	Lims Sample ID:	9
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

31 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0037M-0001-SO | Lab Sample ID: 240-17768-9

Matrix: Solid | Lab File ID: 149421.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 15:50

Sample wt/vol: 5.31(g) | Date Analyzed: 11/25/2012 15:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.3 | Level: (low/med) Low

Analysis Batch No.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.2	U	5.8	1.2	0.65
79-34-5	1,1,2,2-Tetrachloroethane	0.58	U	5.8	0.58	0.40
79-00-5	1,1,2-Trichloroethane	0.58	U	5.8	0.58	0.46
75-34-3	1,1-Dichloroethane	0.58	U	5.8	0.58	0.42
75-35-4	1,1-Dichloroethene	1.2	U	5.8	1.2	0.61
106-93-4	1,2-Dibromoethane	1.2	U	5.8	1.2	0.58
107-06-2	1,2-Dichloroethane	0.58	U	5.8	0.58	0.40
540-59-0	1,2-Dichloroethene, Total	1.2	U	12	1.2	0.90
78-87-5	1,2-Dichloropropane	1.2	U	5.8	1.2	0.81
78-93-3	2-Butanone (MEK)	19	J	23	2.3	1.6
591-78-6	2-Hexanone	1.2	U	23	1.2	0.74
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	23	1.2	0.63
67-64-1	Acetone	89	B	23	7.4	7.4
71-43-2	Benzene	0.58	U	5.8	0.58	0.27
74-97-5	Bromochloromethane	1.2	U	5.8	1.2	0.83
75-27-4	Bromodichloromethane	0.58	U	5.8	0.58	0.33
75-25-2	Bromoform	0.58	U	5.8	0.58	0.39
74-83-9	Bromomethane	1.2	U	5.8	1.2	0.63
75-15-0	Carbon disulfide	3.6	J B	5.8	0.58	0.51
56-23-5	Carbon tetrachloride	0.58	U	5.8	0.58	0.43
108-90-7	Chlorobenzene	0.58	U	5.8	0.58	0.39
75-00-3	Chloroethane	1.2	U	5.8	1.2	1.0
67-66-3	Chloroform	0.58	U	5.8	0.58	0.34
74-87-3	Chloromethane	0.58	U	5.8	0.58	0.48
10061-01-5	cis-1,3-Dichloropropene	0.58	U	5.8	0.58	0.40
124-48-1	Dibromochloromethane	1.2	U	5.8	1.2	0.64
100-41-4	Ethylbenzene	0.58	U	5.8	0.58	0.30
1634-04-4	Methyl tert-butyl ether	0.58	U	5.8	0.58	0.50
75-09-2	Methylene Chloride	1.2	U	5.8	1.2	0.78
100-42-5	Styrene	0.58	U	5.8	0.58	0.18
127-18-4	Tetrachloroethene	1.2	U	5.8	1.2	0.61
108-88-3	Toluene	0.58	U	5.8	0.58	0.32
10061-02-6	trans-1,3-Dichloropropene	1.2	U	5.8	1.2	0.63
79-01-6	Trichloroethene	0.58	U	5.8	0.58	0.49
75-01-4	Vinyl chloride	0.58	U	5.8	0.58	0.46
1330-20-7	Xylenes, Total	1.8	U	12	1.8	0.78

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0037M-0001-SO Lab Sample ID: 240-17768-9

Matrix: Solid Lab File ID: 149421.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 15:50

Sample wt/vol: 5.31(g) Date Analyzed: 11/25/2012 15:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.3 Level: (low/med) Low

Analysis Batch No.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		61-130
460-00-4	4-Bromofluorobenzene (Surr)	101		85-120
1868-53-7	Dibromofluoromethane (Surr)	81		59-138
2037-26-5	Toluene-d8 (Surr)	98		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149421.D
Lims ID: 240-17768-B-9-A Client ID: 076SB-0037M-0001-SO
Inject. Date: 25-Nov-2012 15:01:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-9-a
Misc. Info.: 240-0015237-022 =240-0015237-022
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 21
Lims Batch ID: 66175 Lims Sample ID: 22
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:27:18

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2217618	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.594	0.0	91	1195441	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.559	0.012	98	451573	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	72	447159	40.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	621334	45.5	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1818674	48.8	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	451173	50.3	
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					9
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.145					
22 Acetone	43	3.264	3.252	0.012	98	264648	76.3	
26 Carbon disulfide	76	3.406	3.418	-0.012	92	4583	3.06	
30 Methylene Chloride	84		3.879					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43	5.701	5.701	0.0	96	88593	16.3	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130	7.240	7.240	0.0	64	1621	0.1244	
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	78	9823	0.2378	
73 trans-1,3-Dichloropropene	75		8.600					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.884					
78 2-Hexanone	43		8.979					9
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.701	9.713	-0.012	29	1105	0.0793	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	88	3341	0.1963	
85 o-Xylene	106		10.150					
86 Styrene	104		10.150					
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.1963	

QC Flag Legend

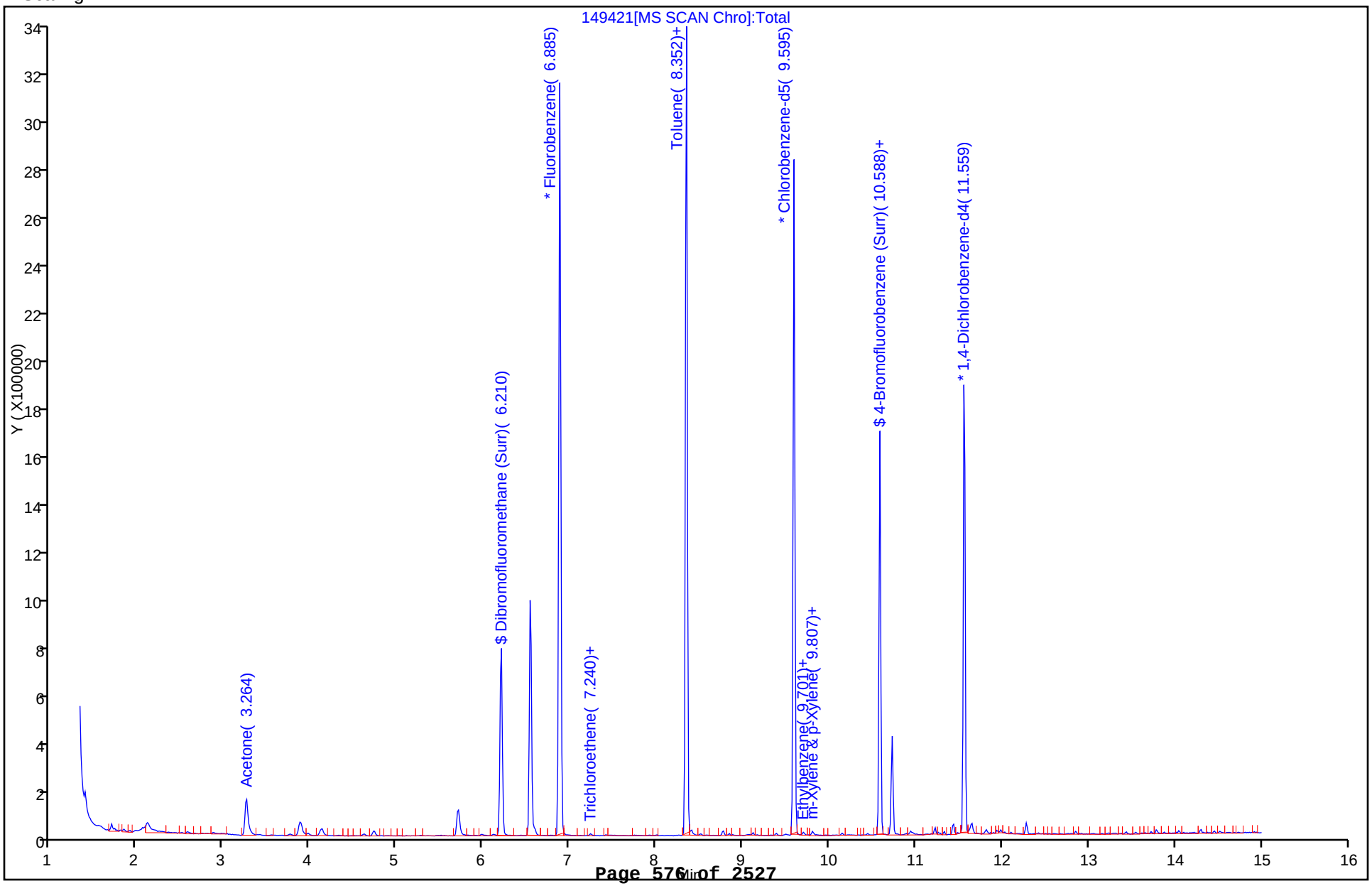
Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 11:12:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149421.D		
Injection Date:	25-Nov-2012 15:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	22
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



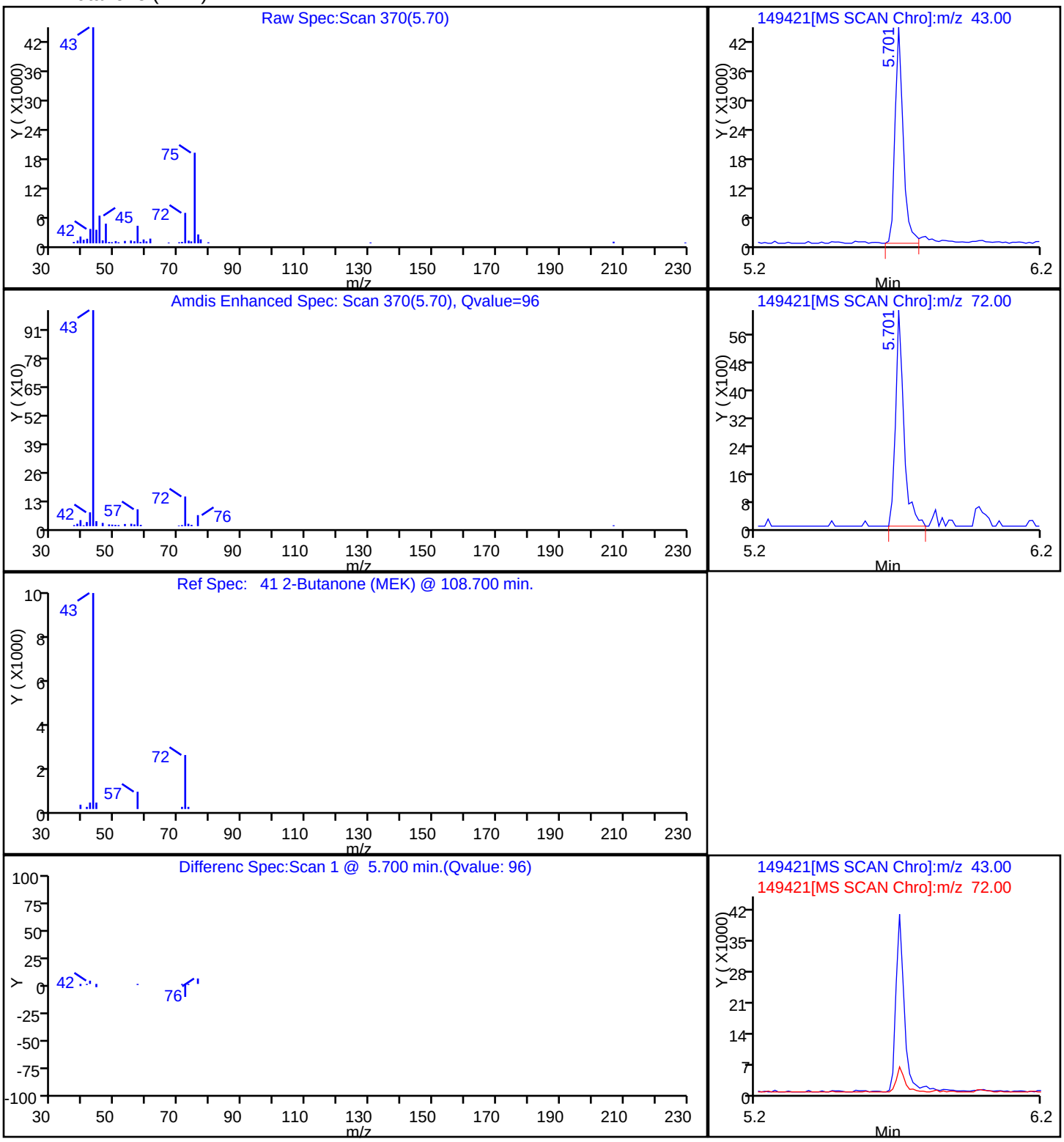
Report Date: 27-Nov-2012 11:12:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149421.D

Injection Date:	25-Nov-2012 15:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	22
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)

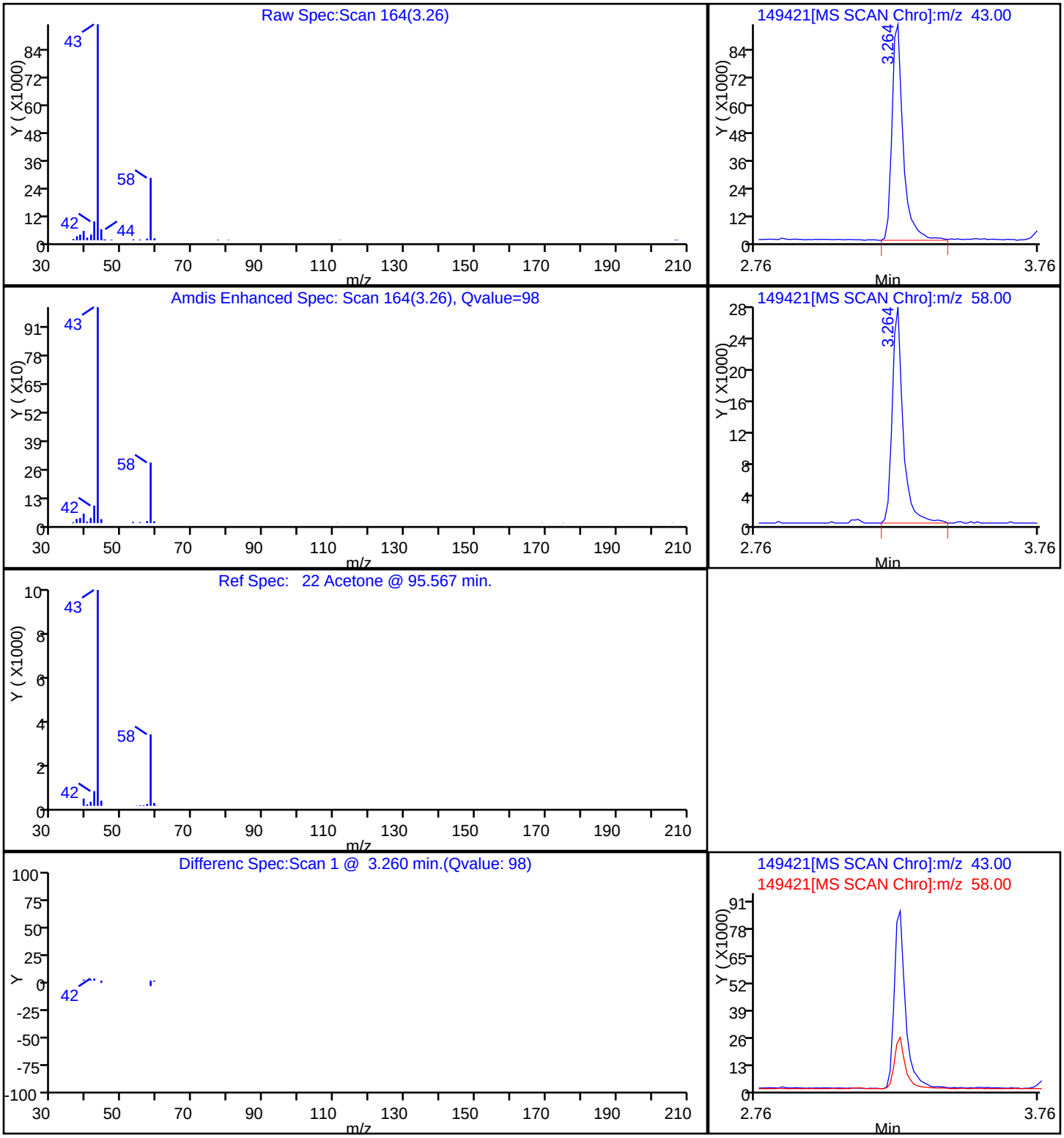


Report Date: 27-Nov-2012 11:12:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149421.D		
Injection Date:	25-Nov-2012 15:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	22
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone

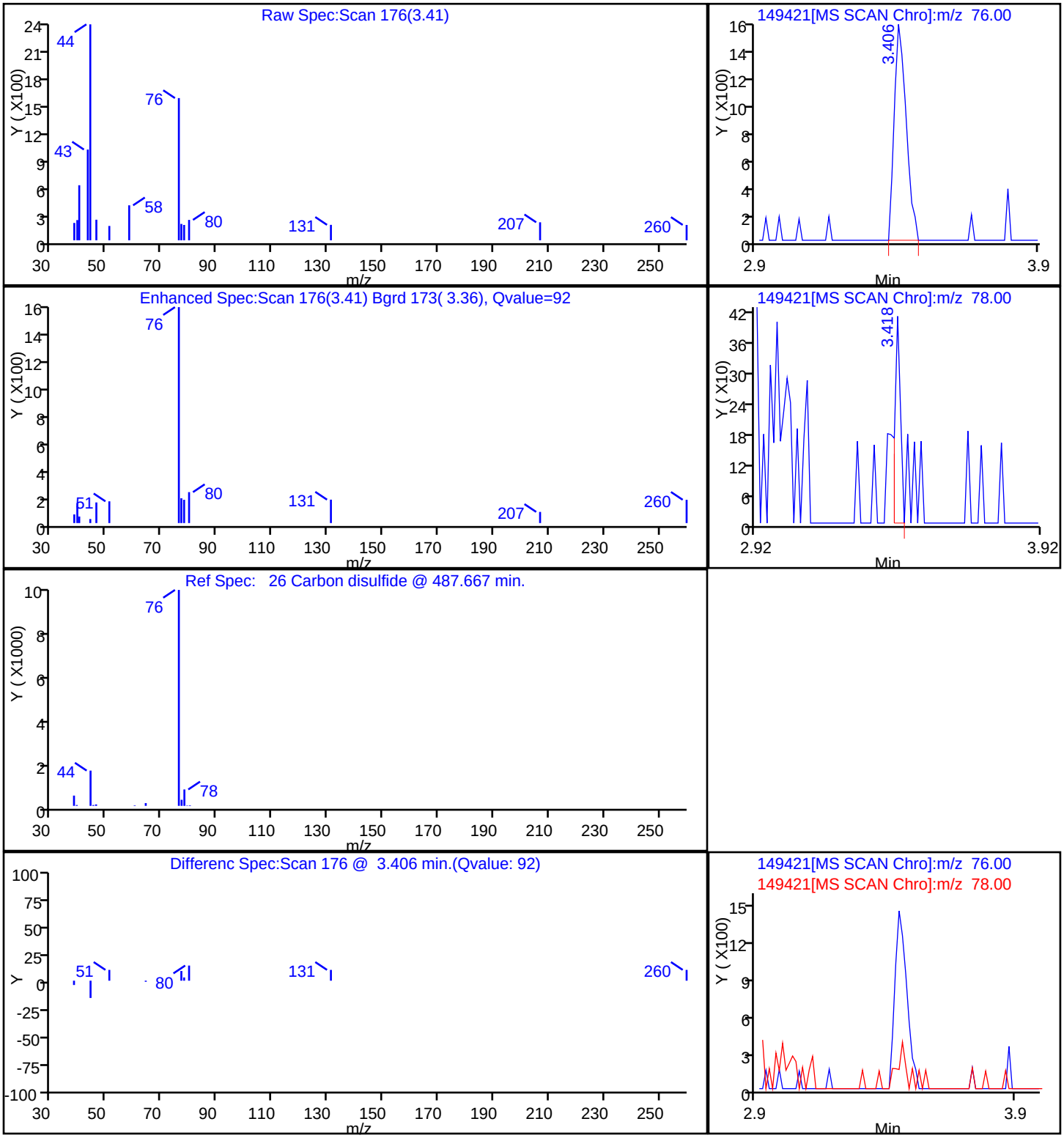


Report Date: 27-Nov-2012 11:12:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149421.D		
Injection Date:	25-Nov-2012 15:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	22
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0038M-0001-SO | Lab Sample ID: 240-17768-10

Matrix: Solid | Lab File ID: 149444.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 15:50

Sample wt/vol: 6.563(g) | Date Analyzed: 11/26/2012 15:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.1 | Level: (low/med) Low

Analysis Batch No.: 66239 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.94	U	4.7	0.94	0.53
79-34-5	1,1,2,2-Tetrachloroethane	0.47	U	4.7	0.47	0.32
79-00-5	1,1,2-Trichloroethane	0.47	U	4.7	0.47	0.37
75-34-3	1,1-Dichloroethane	0.47	U	4.7	0.47	0.34
75-35-4	1,1-Dichloroethene	0.94	U	4.7	0.94	0.49
106-93-4	1,2-Dibromoethane	0.94	U	4.7	0.94	0.47
107-06-2	1,2-Dichloroethane	0.47	U	4.7	0.47	0.32
540-59-0	1,2-Dichloroethene, Total	0.94	U	9.4	0.94	0.72
78-87-5	1,2-Dichloropropane	0.94	U	4.7	0.94	0.65
78-93-3	2-Butanone (MEK)	1.9	U	19	1.9	1.3
591-78-6	2-Hexanone	0.94	U	19	0.94	0.59
108-10-1	4-Methyl-2-pentanone (MIBK)	0.94	U	19	0.94	0.51
67-64-1	Acetone	5.9	U	19	5.9	5.9
71-43-2	Benzene	0.47	U	4.7	0.47	0.22
74-97-5	Bromochloromethane	0.94	U	4.7	0.94	0.67
75-27-4	Bromodichloromethane	0.47	U	4.7	0.47	0.26
75-25-2	Bromoform	0.47	U	4.7	0.47	0.31
74-83-9	Bromomethane	0.94	U	4.7	0.94	0.51
75-15-0	Carbon disulfide	0.47	U	4.7	0.47	0.41
56-23-5	Carbon tetrachloride	0.47	U	4.7	0.47	0.35
108-90-7	Chlorobenzene	0.47	U	4.7	0.47	0.31
75-00-3	Chloroethane	0.94	U	4.7	0.94	0.81
67-66-3	Chloroform	0.47	U	4.7	0.47	0.27
74-87-3	Chloromethane	0.47	U	4.7	0.47	0.39
10061-01-5	cis-1,3-Dichloropropene	0.47	U	4.7	0.47	0.32
124-48-1	Dibromochloromethane	0.94	U	4.7	0.94	0.52
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
75-09-2	Methylene Chloride	0.68	J	4.7	0.94	0.63
100-42-5	Styrene	0.47	U	4.7	0.47	0.14
127-18-4	Tetrachloroethene	0.94	U	4.7	0.94	0.49
108-88-3	Toluene	0.47	U	4.7	0.47	0.25
10061-02-6	trans-1,3-Dichloropropene	0.94	U	4.7	0.94	0.51
79-01-6	Trichloroethene	0.47	U	4.7	0.47	0.40
75-01-4	Vinyl chloride	0.47	U	4.7	0.47	0.37
1330-20-7	Xylenes, Total	1.4	U	9.4	1.4	0.63

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0038M-0001-SO Lab Sample ID: 240-17768-10

Matrix: Solid Lab File ID: 149444.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 15:50

Sample wt/vol: 6.563(g) Date Analyzed: 11/26/2012 15:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.1 Level: (low/med) Low

Analysis Batch No.: 66239 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		61-130
460-00-4	4-Bromofluorobenzene (Surr)	87		85-120
1868-53-7	Dibromofluoromethane (Surr)	80		59-138
2037-26-5	Toluene-d8 (Surr)	90		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149444.D
Lims ID: 240-17768-C-10-A Client ID: 076SB-0038M-0001-SO
Inject. Date: 26-Nov-2012 15:20:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-c-10-a
Misc. Info.: 240-0015258-011 =240-0015258-011
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 11
Lims Batch ID: 66239 Lims Sample ID: 11
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121126-15258.b\8260_14.m
Last Update: 27-Nov-2012 09:27:58 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 16:19:11

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2139375	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.595	-0.001	92	1245114	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.0	97	618911	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	74	427870	40.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	92	590975	44.9	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1752945	45.1	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.589	0.0	90	534890	43.3	
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					9
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					
22 Acetone	43	3.264	3.252	0.012	96	33614	4.39	
26 Carbon disulfide	76		3.418					9
30 Methylene Chloride	84	3.891	3.879	0.012	80	46671	0.7210	
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.702					
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130	7.240	7.240	0.0	54	1633	0.1299	
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					9

	Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71	4-Methyl-2-pentanone (MIBK)	43		8.257					
72	Toluene	91	8.411	8.411	0.0	51	6330	0.1471	
73	trans-1,3-Dichloropropene	75		8.601					9
75	1,1,2-Trichloroethane	97		8.766					9
77	Tetrachloroethene	164		8.885					9
78	2-Hexanone	43		8.979					9
79	Chlorodibromomethane	129		9.109					
123	Ethylene Dibromide	107		9.204					19
82	Chlorobenzene	112		9.618					9
84	Ethylbenzene	106	9.713	9.713	0.0	21	683	0.0470	7
10	m-Xylene & p-Xylene	106	9.807	9.808	-0.001	86	3049	0.1720	
85	o-Xylene	106		10.151					
86	Styrene	104		10.151					
87	Bromoform	173		10.316					9
90	1,1,2,2-Tetrachloroethane	83		10.707					
S 11	1,2-Dichloroethene, Total	96		1.140					
S 114	Xylenes, Total	106				0		0.1720	

QC Flag Legend

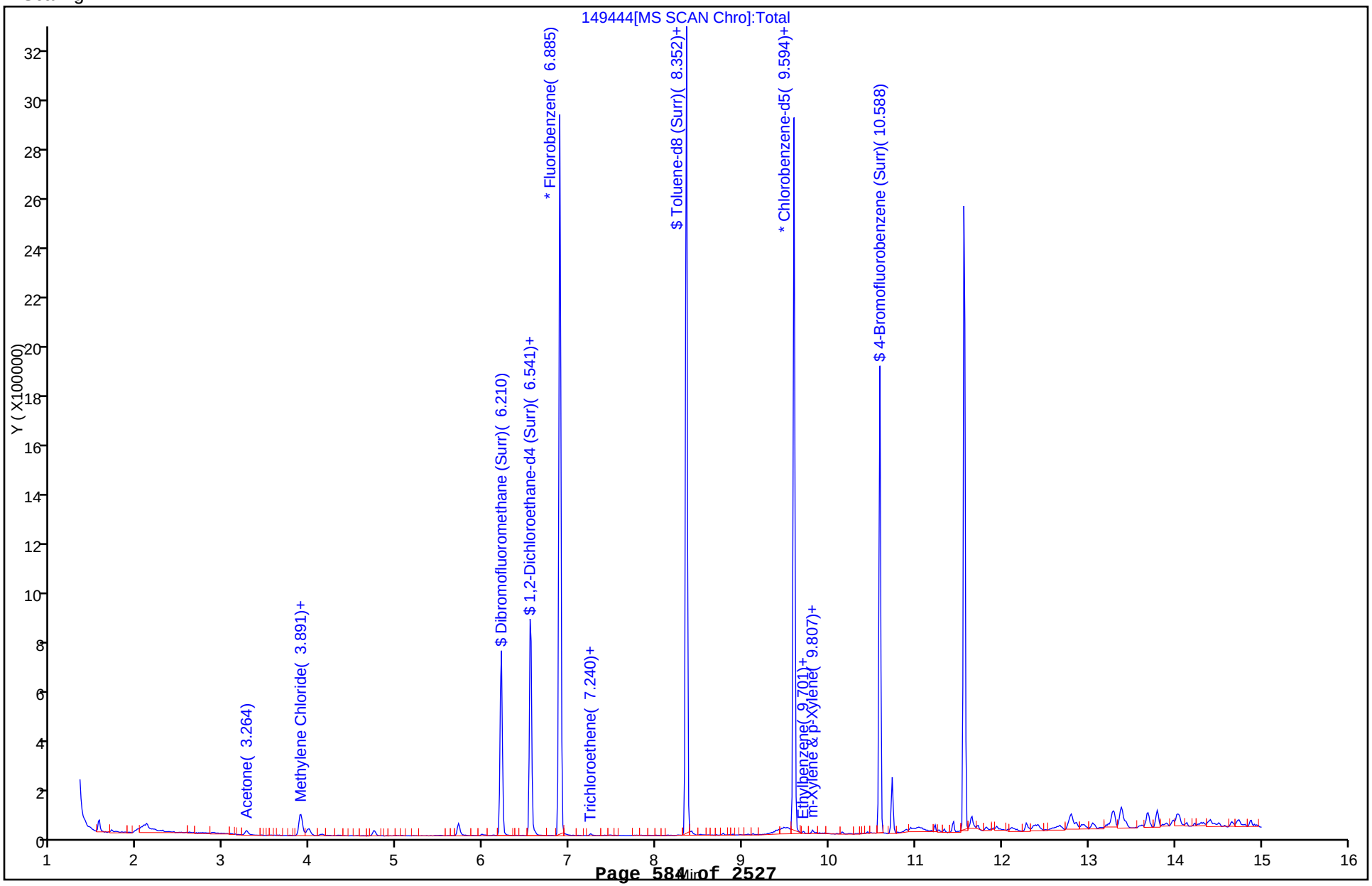
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 09:28:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121126-15258.b\149444.D		
Injection Date:	26-Nov-2012 15:20:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	11
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



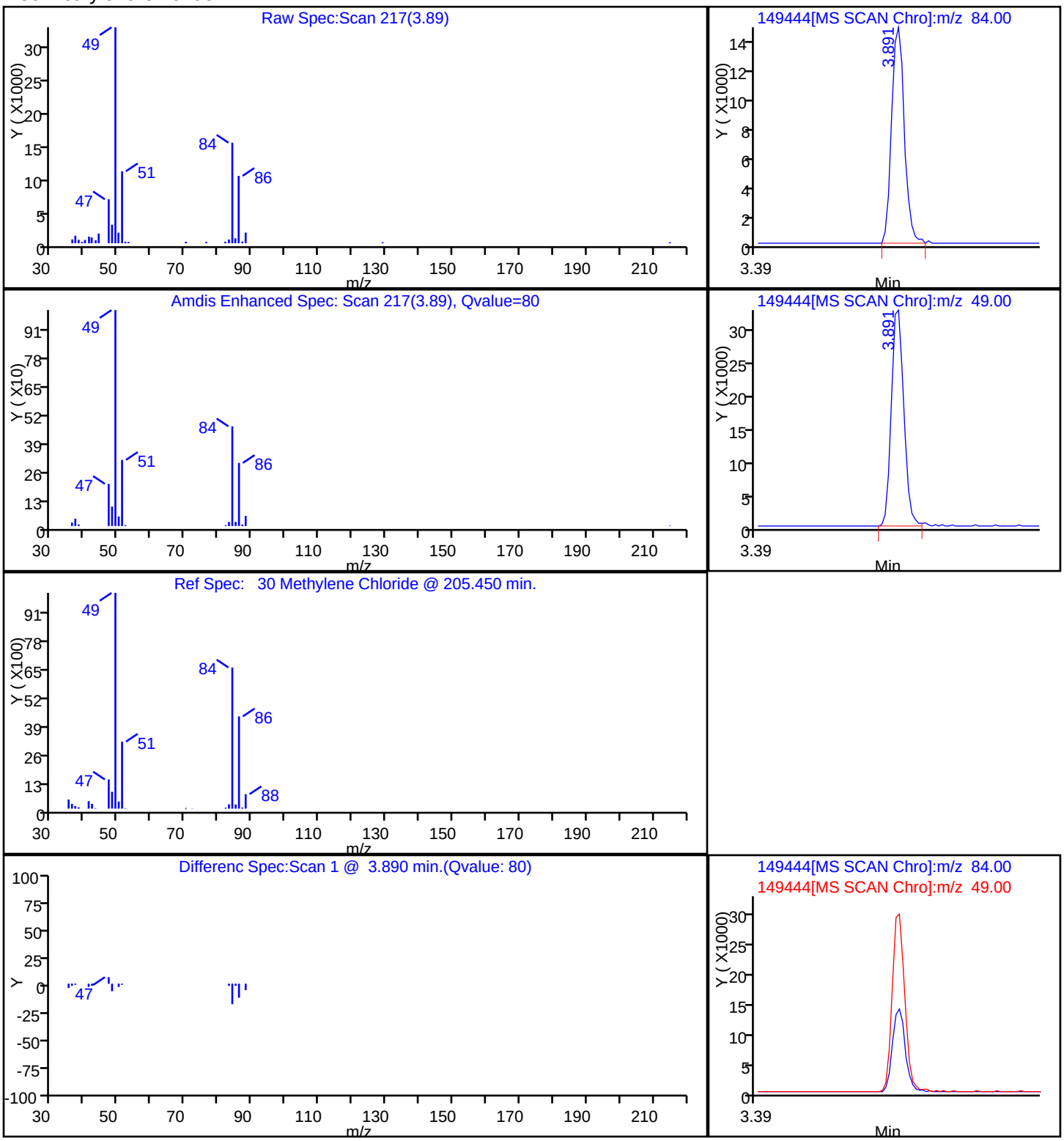
Report Date: 27-Nov-2012 09:28:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149444.D

Injection Date:	26-Nov-2012 15:20:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	11
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0039M-0001-SO | Lab Sample ID: 240-17768-11

Matrix: Solid | Lab File ID: 149423.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 15:00

Sample wt/vol: 5.724(g) | Date Analyzed: 11/25/2012 15:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.7 | Level: (low/med) Low

Analysis Batch No.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.1	U	5.4	1.1	0.60
79-34-5	1,1,2,2-Tetrachloroethane	0.54	U	5.4	0.54	0.37
79-00-5	1,1,2-Trichloroethane	0.54	U	5.4	0.54	0.42
75-34-3	1,1-Dichloroethane	0.54	U	5.4	0.54	0.39
75-35-4	1,1-Dichloroethene	1.1	U	5.4	1.1	0.56
106-93-4	1,2-Dibromoethane	1.1	U	5.4	1.1	0.54
107-06-2	1,2-Dichloroethane	0.54	U	5.4	0.54	0.37
540-59-0	1,2-Dichloroethene, Total	1.1	U	11	1.1	0.83
78-87-5	1,2-Dichloropropane	1.1	U	5.4	1.1	0.74
78-93-3	2-Butanone (MEK)	2.1	U	21	2.1	1.5
591-78-6	2-Hexanone	1.1	U	21	1.1	0.68
108-10-1	4-Methyl-2-pentanone (MIBK)	1.1	U	21	1.1	0.58
67-64-1	Acetone	20	J B	21	6.8	6.8
71-43-2	Benzene	0.54	U	5.4	0.54	0.25
74-97-5	Bromochloromethane	1.1	U	5.4	1.1	0.76
75-27-4	Bromodichloromethane	0.54	U	5.4	0.54	0.30
75-25-2	Bromoform	0.54	U	5.4	0.54	0.35
74-83-9	Bromomethane	1.1	U	5.4	1.1	0.58
75-15-0	Carbon disulfide	0.54	U	5.4	0.54	0.47
56-23-5	Carbon tetrachloride	0.54	U	5.4	0.54	0.40
108-90-7	Chlorobenzene	0.54	U	5.4	0.54	0.35
75-00-3	Chloroethane	1.1	U	5.4	1.1	0.92
67-66-3	Chloroform	0.54	U	5.4	0.54	0.31
74-87-3	Chloromethane	0.54	U	5.4	0.54	0.44
10061-01-5	cis-1,3-Dichloropropene	0.54	U	5.4	0.54	0.37
124-48-1	Dibromochloromethane	1.1	U	5.4	1.1	0.59
100-41-4	Ethylbenzene	0.54	U	5.4	0.54	0.28
1634-04-4	Methyl tert-butyl ether	0.54	U	5.4	0.54	0.46
75-09-2	Methylene Chloride	11		5.4	1.1	0.72
100-42-5	Styrene	0.54	U	5.4	0.54	0.16
127-18-4	Tetrachloroethene	1.1	U	5.4	1.1	0.56
108-88-3	Toluene	0.40	J	5.4	0.54	0.29
10061-02-6	trans-1,3-Dichloropropene	1.1	U	5.4	1.1	0.58
79-01-6	Trichloroethene	0.54	U	5.4	0.54	0.45
75-01-4	Vinyl chloride	0.54	U	5.4	0.54	0.42
1330-20-7	Xylenes, Total	1.6	U	11	1.6	0.72

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0039M-0001-SO Lab Sample ID: 240-17768-11

Matrix: Solid Lab File ID: 149423.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 15:00

Sample wt/vol: 5.724(g) Date Analyzed: 11/25/2012 15:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 18.7 Level: (low/med) Low

Analysis Batch No.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		61-130
460-00-4	4-Bromofluorobenzene (Surr)	69	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	90		59-138
2037-26-5	Toluene-d8 (Surr)	90		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149423.D
Lims ID: 240-17768-B-11-A Client ID: 076SB-0039M-0001-SO
Inject. Date: 25-Nov-2012 15:44:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-11-a
Misc. Info.: 240-0015237-024 =240-0015237-024
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 23
Lims Batch ID: 66175 Lims Sample ID: 24
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:28:39

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	369758	50.0	s
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	89	182875	50.0	s
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.559	0.011	98	107347	50.0	s
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	57	82205	44.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	92	115776	51.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	257135	45.1	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	74321	34.5	
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					9
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.145					
22 Acetone	43	3.252	3.252	0.0	88	13449	18.7	
26 Carbon disulfide	76		3.418					
30 Methylene Chloride	84	3.891	3.879	0.012	87	25678	10.6	
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.701					9
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					9
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					
72 Toluene	91	8.411	8.411	0.0	58	2331	0.3688	
73 trans-1,3-Dichloropropene	75		8.600					
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.884					9
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106		9.713					9
10 m-Xylene & p-Xylene	106		9.807					9
85 o-Xylene	106		10.150					9
86 Styrene	104		10.150					9
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

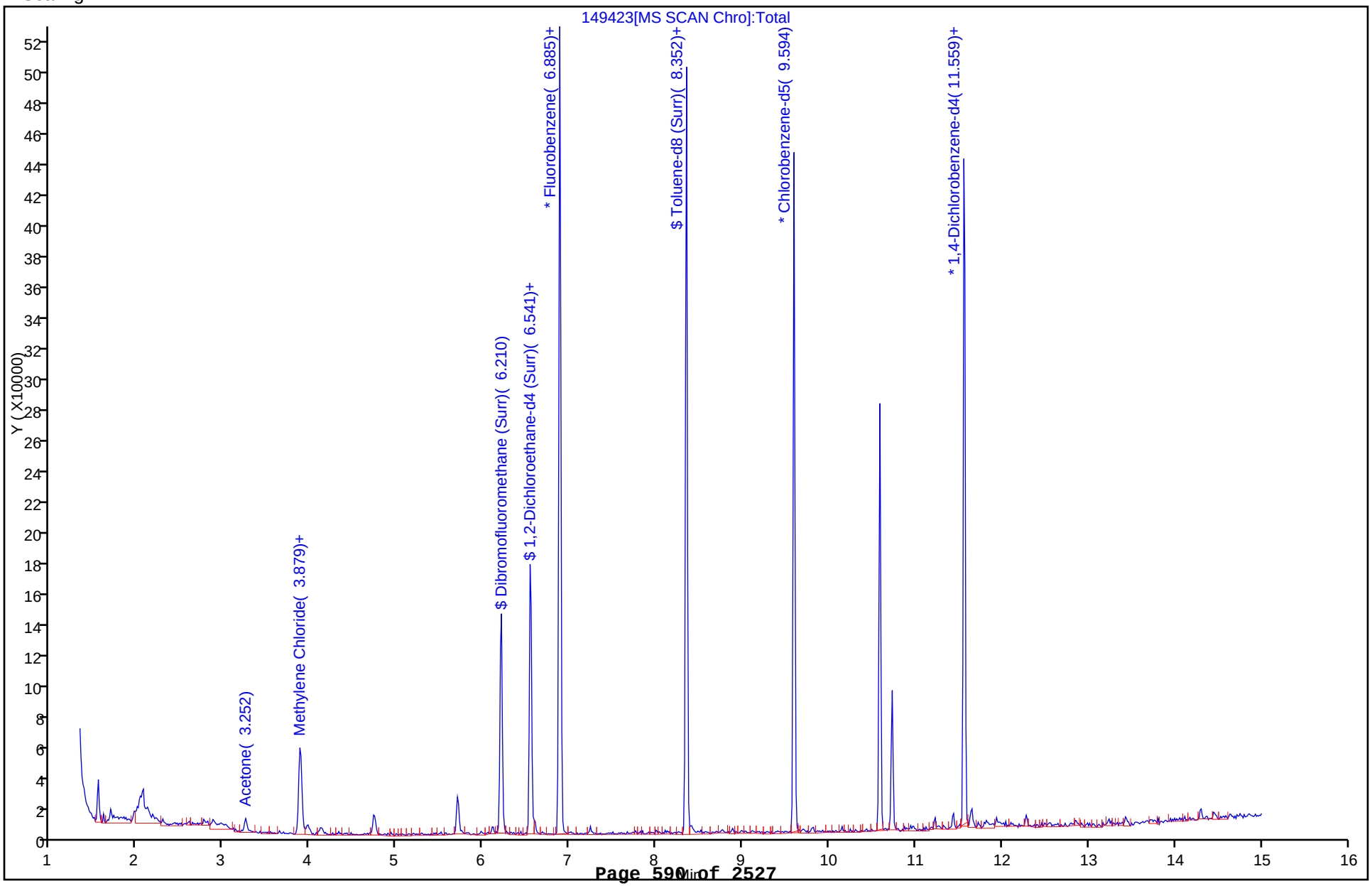
Processing Flags
9 - Failed A Reference Spectral Test
s - Failed ISTD Recovery Test

Report Date: 27-Nov-2012 11:12:07 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149423.D		
Injection Date:	25-Nov-2012 15:44:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0039M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	24
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



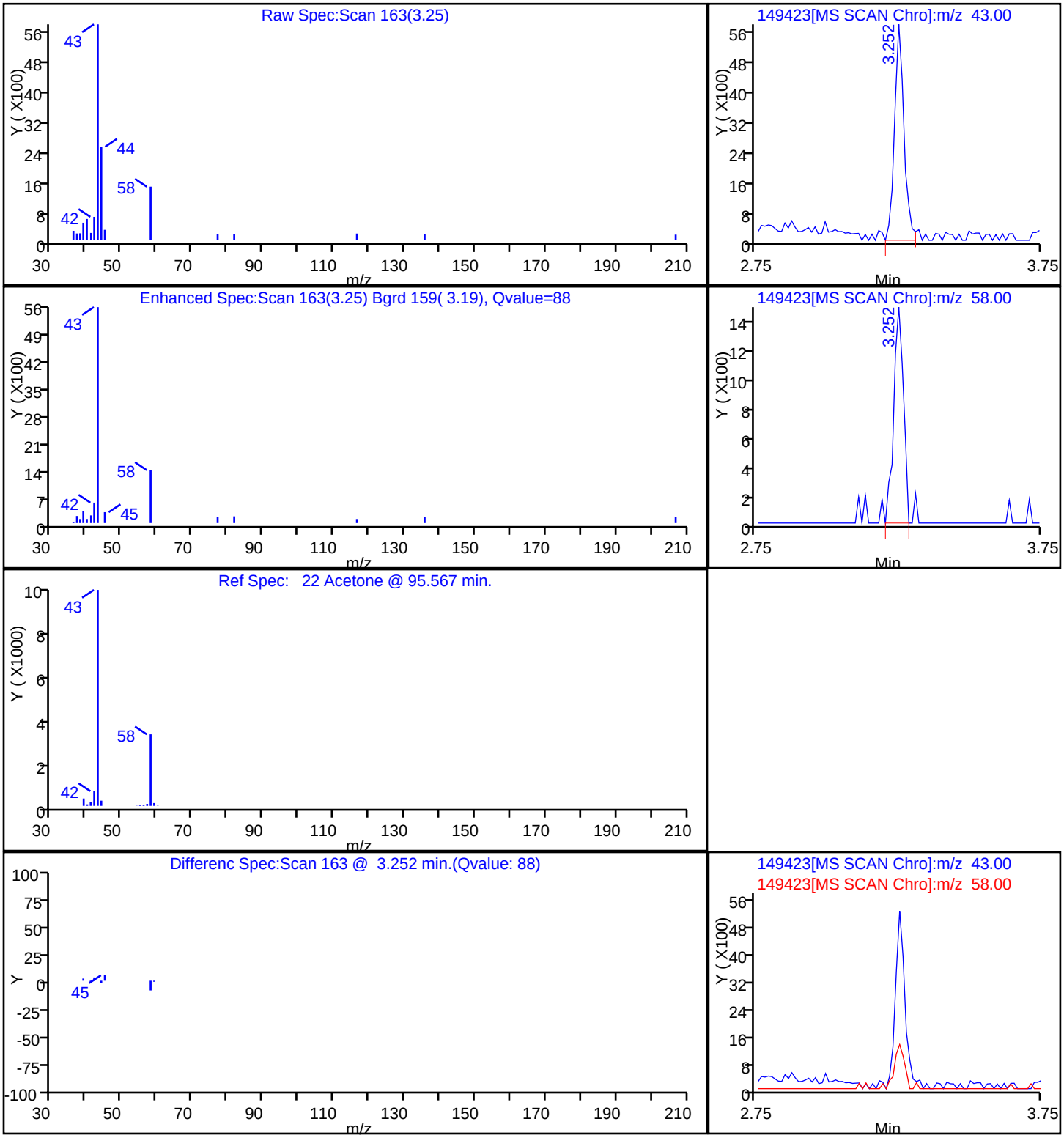
Report Date: 27-Nov-2012 11:12:07 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149423.D

Injection Date:	25-Nov-2012 15:44:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0039M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	24
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



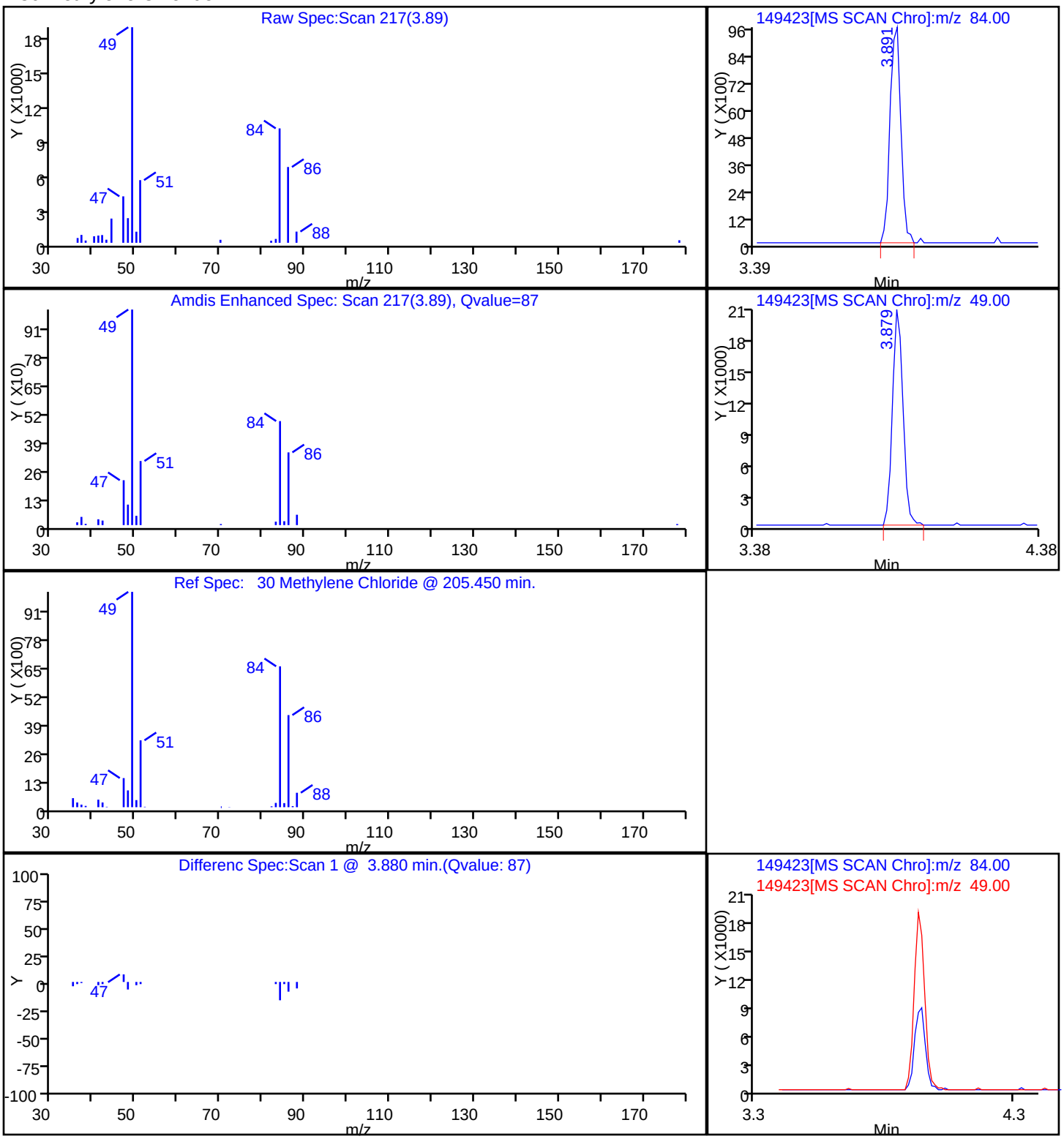
Report Date: 27-Nov-2012 11:12:07 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149423.D

Injection Date:	25-Nov-2012 15:44:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0039M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	24
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

30 Methylene Chloride

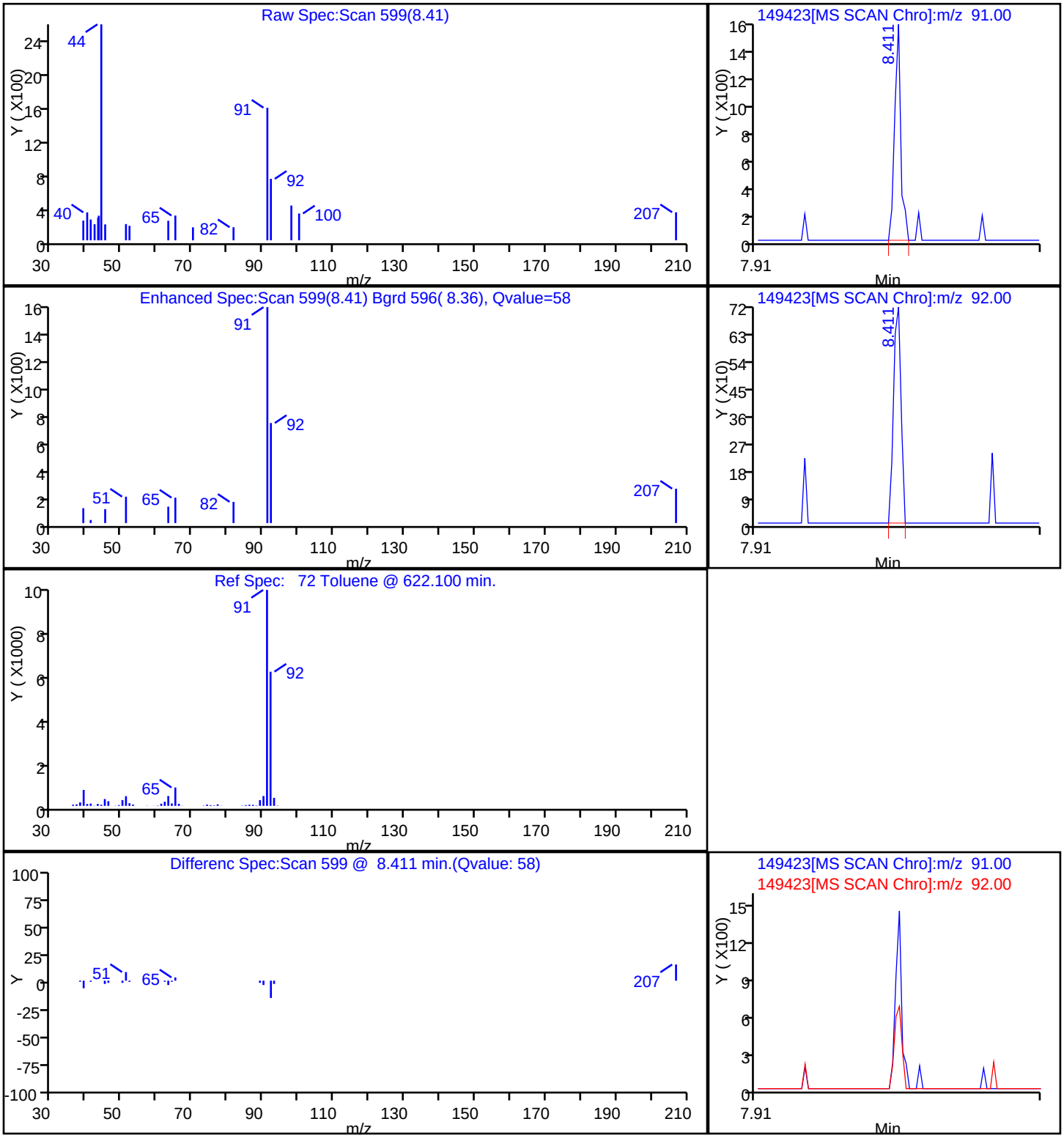


Report Date: 27-Nov-2012 11:12:07 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149423.D		
Injection Date:	25-Nov-2012 15:44:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0039M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	24
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0040M-0001-SO | Lab Sample ID: 240-17768-12

Matrix: Solid | Lab File ID: 149446.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 15:20

Sample wt/vol: 6.658(g) | Date Analyzed: 11/26/2012 16:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.2 | Level: (low/med) Low

Analysis Batch No.: 66239 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.90	U	4.5	0.90	0.50
79-34-5	1,1,2,2-Tetrachloroethane	0.45	U	4.5	0.45	0.30
79-00-5	1,1,2-Trichloroethane	0.45	U	4.5	0.45	0.35
75-34-3	1,1-Dichloroethane	0.45	U	4.5	0.45	0.32
75-35-4	1,1-Dichloroethene	0.90	U	4.5	0.90	0.47
106-93-4	1,2-Dibromoethane	0.90	U	4.5	0.90	0.45
107-06-2	1,2-Dichloroethane	0.45	U	4.5	0.45	0.30
540-59-0	1,2-Dichloroethene, Total	0.90	U	9.0	0.90	0.69
78-87-5	1,2-Dichloropropane	0.90	U	4.5	0.90	0.62
78-93-3	2-Butanone (MEK)	1.8	U	18	1.8	1.3
591-78-6	2-Hexanone	0.90	U	18	0.90	0.56
108-10-1	4-Methyl-2-pentanone (MIBK)	0.90	U	18	0.90	0.48
67-64-1	Acetone	5.6	U	18	5.6	5.6
71-43-2	Benzene	0.45	U	4.5	0.45	0.21
74-97-5	Bromochloromethane	0.90	U	4.5	0.90	0.64
75-27-4	Bromodichloromethane	0.45	U	4.5	0.45	0.25
75-25-2	Bromoform	0.45	U	4.5	0.45	0.30
74-83-9	Bromomethane	0.90	U	4.5	0.90	0.48
75-15-0	Carbon disulfide	0.45	U	4.5	0.45	0.39
56-23-5	Carbon tetrachloride	0.45	U	4.5	0.45	0.33
108-90-7	Chlorobenzene	0.45	U	4.5	0.45	0.30
75-00-3	Chloroethane	0.90	U	4.5	0.90	0.77
67-66-3	Chloroform	0.45	U	4.5	0.45	0.26
74-87-3	Chloromethane	0.45	U	4.5	0.45	0.37
10061-01-5	cis-1,3-Dichloropropene	0.45	U	4.5	0.45	0.30
124-48-1	Dibromochloromethane	0.90	U	4.5	0.90	0.49
100-41-4	Ethylbenzene	0.45	U	4.5	0.45	0.23
1634-04-4	Methyl tert-butyl ether	0.45	U	4.5	0.45	0.39
75-09-2	Methylene Chloride	0.90	U	4.5	0.90	0.60
100-42-5	Styrene	0.45	U	4.5	0.45	0.13
127-18-4	Tetrachloroethene	0.90	U	4.5	0.90	0.47
108-88-3	Toluene	0.45	U	4.5	0.45	0.24
10061-02-6	trans-1,3-Dichloropropene	0.90	U	4.5	0.90	0.48
79-01-6	Trichloroethene	0.45	U	4.5	0.45	0.38
75-01-4	Vinyl chloride	0.45	U	4.5	0.45	0.35
1330-20-7	Xylenes, Total	1.3	U	9.0	1.3	0.60

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0040M-0001-SO Lab Sample ID: 240-17768-12

Matrix: Solid Lab File ID: 149446.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 15:20

Sample wt/vol: 6.658(g) Date Analyzed: 11/26/2012 16:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.2 Level: (low/med) Low

Analysis Batch No.: 66239 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		61-130
460-00-4	4-Bromofluorobenzene (Surr)	87		85-120
1868-53-7	Dibromofluoromethane (Surr)	80		59-138
2037-26-5	Toluene-d8 (Surr)	89		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149446.D
Lims ID: 240-17768-C-12-A Client ID: 076SB-0040M-0001-SO
Inject. Date: 26-Nov-2012 16:03:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-c-12-a
Misc. Info.: 240-0015258-013 =240-0015258-013
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 66239 Lims Sample ID: 13
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121126-15258.b\8260_14.m
Last Update: 27-Nov-2012 09:27:58 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 16:24:41

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2195376	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.595	-0.001	91	1335820	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.559	0.011	98	669794	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	66	435297	39.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	91	615152	45.5	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1851087	44.4	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.589	0.0	90	579616	43.4	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					
22 Acetone	43	3.264	3.252	0.012	94	32850	3.87	
26 Carbon disulfide	76		3.418					9
30 Methylene Chloride	84		3.879					
33 trans-1,2-Dichloroethene	96		4.317					9
34 Methyl tert-butyl ether	73		4.353					9
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43	5.713	5.702	0.011	22	5393	1.00	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130	7.240	7.240	0.0	70	1516	0.1175	
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	76	5948	0.1288	
73 trans-1,3-Dichloropropene	75		8.601					
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.885					9
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	61	816	0.0524	7
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	90	2944	0.1548	
85 o-Xylene	106		10.151					
86 Styrene	104		10.151					9
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.1548	

QC Flag Legend

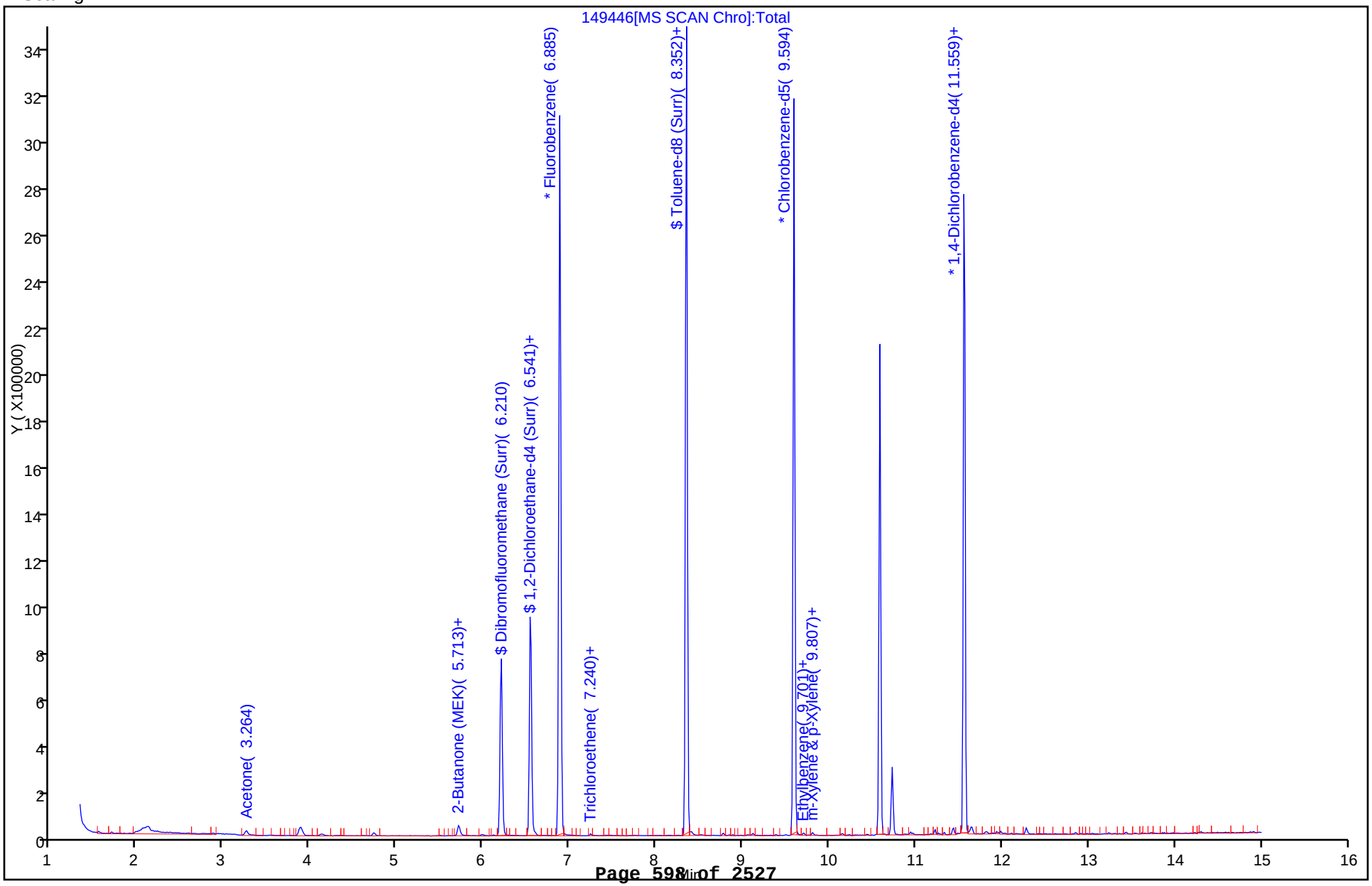
Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 09:28:07 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121126-15258.b\149446.D		
Injection Date:	26-Nov-2012 16:03:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	13
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0041M-0001-SO | Lab Sample ID: 240-17768-13

Matrix: Solid | Lab File ID: 149425.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 15:30

Sample wt/vol: 6.317(g) | Date Analyzed: 11/25/2012 16:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.4 | Level: (low/med) Low

Analysis Batch No.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.92	U	4.6	0.92	0.52
79-34-5	1,1,2,2-Tetrachloroethane	0.46	U	4.6	0.46	0.31
79-00-5	1,1,2-Trichloroethane	0.46	U	4.6	0.46	0.36
75-34-3	1,1-Dichloroethane	0.46	U	4.6	0.46	0.33
75-35-4	1,1-Dichloroethene	0.92	U	4.6	0.92	0.48
106-93-4	1,2-Dibromoethane	0.92	U	4.6	0.92	0.46
107-06-2	1,2-Dichloroethane	0.46	U	4.6	0.46	0.31
540-59-0	1,2-Dichloroethene, Total	0.92	U	9.2	0.92	0.71
78-87-5	1,2-Dichloropropane	0.92	U	4.6	0.92	0.64
78-93-3	2-Butanone (MEK)	1.8	U	18	1.8	1.3
591-78-6	2-Hexanone	0.92	U	18	0.92	0.58
108-10-1	4-Methyl-2-pentanone (MIBK)	0.92	U	18	0.92	0.50
67-64-1	Acetone	5.8	U	18	5.8	5.8
71-43-2	Benzene	0.46	U	4.6	0.46	0.21
74-97-5	Bromochloromethane	0.92	U	4.6	0.92	0.66
75-27-4	Bromodichloromethane	0.46	U	4.6	0.46	0.26
75-25-2	Bromoform	0.46	U	4.6	0.46	0.30
74-83-9	Bromomethane	0.92	U	4.6	0.92	0.50
75-15-0	Carbon disulfide	0.46	U	4.6	0.46	0.41
56-23-5	Carbon tetrachloride	0.46	U	4.6	0.46	0.34
108-90-7	Chlorobenzene	0.46	U	4.6	0.46	0.30
75-00-3	Chloroethane	0.92	U	4.6	0.92	0.79
67-66-3	Chloroform	0.46	U	4.6	0.46	0.27
74-87-3	Chloromethane	0.46	U	4.6	0.46	0.38
10061-01-5	cis-1,3-Dichloropropene	0.46	U	4.6	0.46	0.31
124-48-1	Dibromochloromethane	0.92	U	4.6	0.92	0.51
100-41-4	Ethylbenzene	0.46	U	4.6	0.46	0.24
1634-04-4	Methyl tert-butyl ether	0.46	U	4.6	0.46	0.40
75-09-2	Methylene Chloride	0.92	U	4.6	0.92	0.62
100-42-5	Styrene	0.46	U	4.6	0.46	0.14
127-18-4	Tetrachloroethene	0.92	U	4.6	0.92	0.48
108-88-3	Toluene	0.46	U	4.6	0.46	0.25
10061-02-6	trans-1,3-Dichloropropene	0.92	U	4.6	0.92	0.50
79-01-6	Trichloroethene	0.46	U	4.6	0.46	0.39
75-01-4	Vinyl chloride	0.46	U	4.6	0.46	0.36
1330-20-7	Xylenes, Total	1.4	U	9.2	1.4	0.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0041M-0001-SO Lab Sample ID: 240-17768-13

Matrix: Solid Lab File ID: 149425.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 15:30

Sample wt/vol: 6.317(g) Date Analyzed: 11/25/2012 16:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.4 Level: (low/med) Low

Analysis Batch No.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		61-130
460-00-4	4-Bromofluorobenzene (Surr)	87		85-120
1868-53-7	Dibromofluoromethane (Surr)	81		59-138
2037-26-5	Toluene-d8 (Surr)	92		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149425.D
Lims ID: 240-17768-B-13-A Client ID: 076SB-0041M-0001-SO
Inject. Date: 25-Nov-2012 16:27:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-13-a
Misc. Info.: 240-0015237-026 =240-0015237-026
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 25
Lims Batch ID: 66175 Lims Sample ID: 26
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:29:30

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2189908	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	92	1264681	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.559	0.011	98	612153	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	58	438463	40.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	92	629523	46.7	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1822031	46.2	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	533838	43.7	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.145					9
22 Acetone	43	3.264	3.252	0.012	96	34616	4.45	
26 Carbon disulfide	76		3.418					
30 Methylene Chloride	84		3.879					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.701					
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					9
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130	7.240	7.240	0.0	56	1704	0.1324	
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	82	8197	0.1875	
73 trans-1,3-Dichloropropene	75		8.600					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.884					
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	65	1017	0.0690	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	87	3333	0.1851	
85 o-Xylene	106		10.150					
86 Styrene	104	10.162	10.150	0.012	69	2726	0.1094	
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.1851	

QC Flag Legend

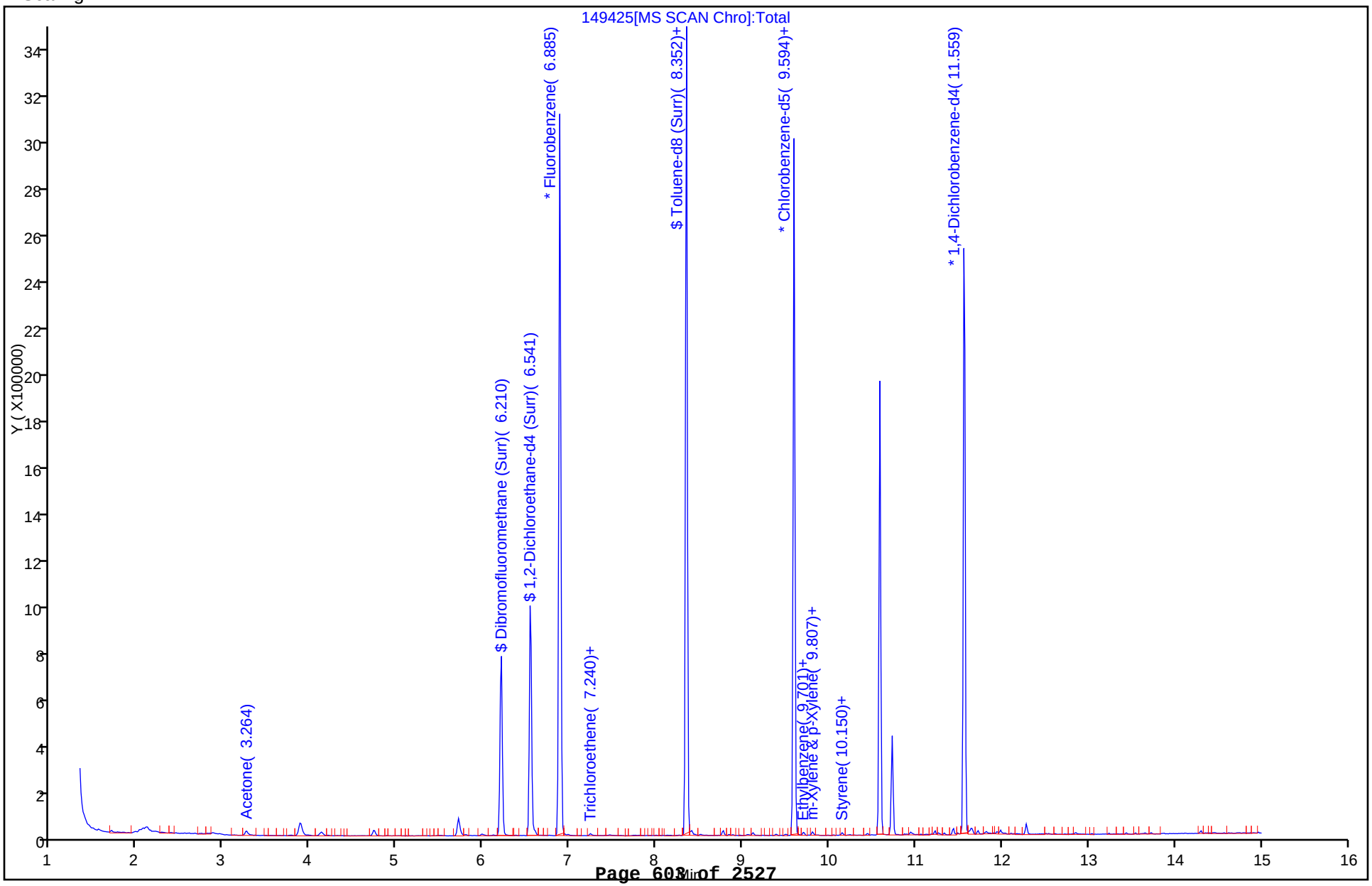
Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 11:12:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149425.D		
Injection Date:	25-Nov-2012 16:27:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	26
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0042M-0001-SO | Lab Sample ID: 240-17768-14

Matrix: Solid | Lab File ID: 149426.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 15:45

Sample wt/vol: 5.905(g) | Date Analyzed: 11/25/2012 16:48

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.9 | Level: (low/med) Low

Analysis Batch No.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.1	U	5.3	1.1	0.59
79-34-5	1,1,2,2-Tetrachloroethane	0.53	U	5.3	0.53	0.36
79-00-5	1,1,2-Trichloroethane	0.53	U	5.3	0.53	0.41
75-34-3	1,1-Dichloroethane	0.53	U	5.3	0.53	0.38
75-35-4	1,1-Dichloroethene	1.1	U	5.3	1.1	0.55
106-93-4	1,2-Dibromoethane	1.1	U	5.3	1.1	0.53
107-06-2	1,2-Dichloroethane	0.53	U	5.3	0.53	0.36
540-59-0	1,2-Dichloroethene, Total	1.1	U	11	1.1	0.81
78-87-5	1,2-Dichloropropane	1.1	U	5.3	1.1	0.73
78-93-3	2-Butanone (MEK)	2.1	U	21	2.1	1.5
591-78-6	2-Hexanone	1.1	U	21	1.1	0.67
108-10-1	4-Methyl-2-pentanone (MIBK)	1.1	U	21	1.1	0.57
67-64-1	Acetone	14	J B	21	6.7	6.7
71-43-2	Benzene	0.53	U	5.3	0.53	0.24
74-97-5	Bromochloromethane	1.1	U	5.3	1.1	0.75
75-27-4	Bromodichloromethane	0.53	U	5.3	0.53	0.30
75-25-2	Bromoform	0.53	U	5.3	0.53	0.35
74-83-9	Bromomethane	1.1	U	5.3	1.1	0.57
75-15-0	Carbon disulfide	0.53	U	5.3	0.53	0.47
56-23-5	Carbon tetrachloride	0.53	U	5.3	0.53	0.39
108-90-7	Chlorobenzene	0.53	U	5.3	0.53	0.35
75-00-3	Chloroethane	1.1	U	5.3	1.1	0.91
67-66-3	Chloroform	0.53	U	5.3	0.53	0.31
74-87-3	Chloromethane	0.53	U	5.3	0.53	0.43
10061-01-5	cis-1,3-Dichloropropene	0.53	U	5.3	0.53	0.36
124-48-1	Dibromochloromethane	1.1	U	5.3	1.1	0.58
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
75-09-2	Methylene Chloride	1.1	J	5.3	1.1	0.71
100-42-5	Styrene	0.53	U	5.3	0.53	0.16
127-18-4	Tetrachloroethene	1.1	U	5.3	1.1	0.55
108-88-3	Toluene	0.53	U	5.3	0.53	0.29
10061-02-6	trans-1,3-Dichloropropene	1.1	U	5.3	1.1	0.57
79-01-6	Trichloroethene	0.53	U	5.3	0.53	0.44
75-01-4	Vinyl chloride	0.53	U	5.3	0.53	0.41
1330-20-7	Xylenes, Total	1.6	U	11	1.6	0.71

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0042M-0001-SO Lab Sample ID: 240-17768-14

Matrix: Solid Lab File ID: 149426.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 15:45

Sample wt/vol: 5.905(g) Date Analyzed: 11/25/2012 16:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 19.9 Level: (low/med) Low

Analysis Batch No.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		61-130
460-00-4	4-Bromofluorobenzene (Surr)	77	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	87		59-138
2037-26-5	Toluene-d8 (Surr)	93		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149426.D
Lims ID: 240-17768-B-14-A Client ID: 076SB-0042M-0001-SO
Inject. Date: 25-Nov-2012 16:48:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-14-a
Misc. Info.: 240-0015237-027 =240-0015237-027
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 26
Lims Batch ID: 66175 Lims Sample ID: 27
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:29:55

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	561105	50.0	s
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	90	278025	50.0	s
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.559	0.012	98	146779	50.0	s
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	67	120697	43.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	161810	46.9	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	402319	46.4	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	91	112881	38.5	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.145					
22 Acetone	43	3.252	3.252	0.0	92	15713	12.9	
26 Carbon disulfide	76		3.418					
30 Methylene Chloride	84	3.891	3.879	0.012	83	12977	0.99	
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.701					9
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					9
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91		8.411					9
73 trans-1,3-Dichloropropene	75		8.600					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.884					
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106		9.713					9
10 m-Xylene & p-Xylene	106		9.807					9
85 o-Xylene	106		10.150					
86 Styrene	104		10.150					9
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

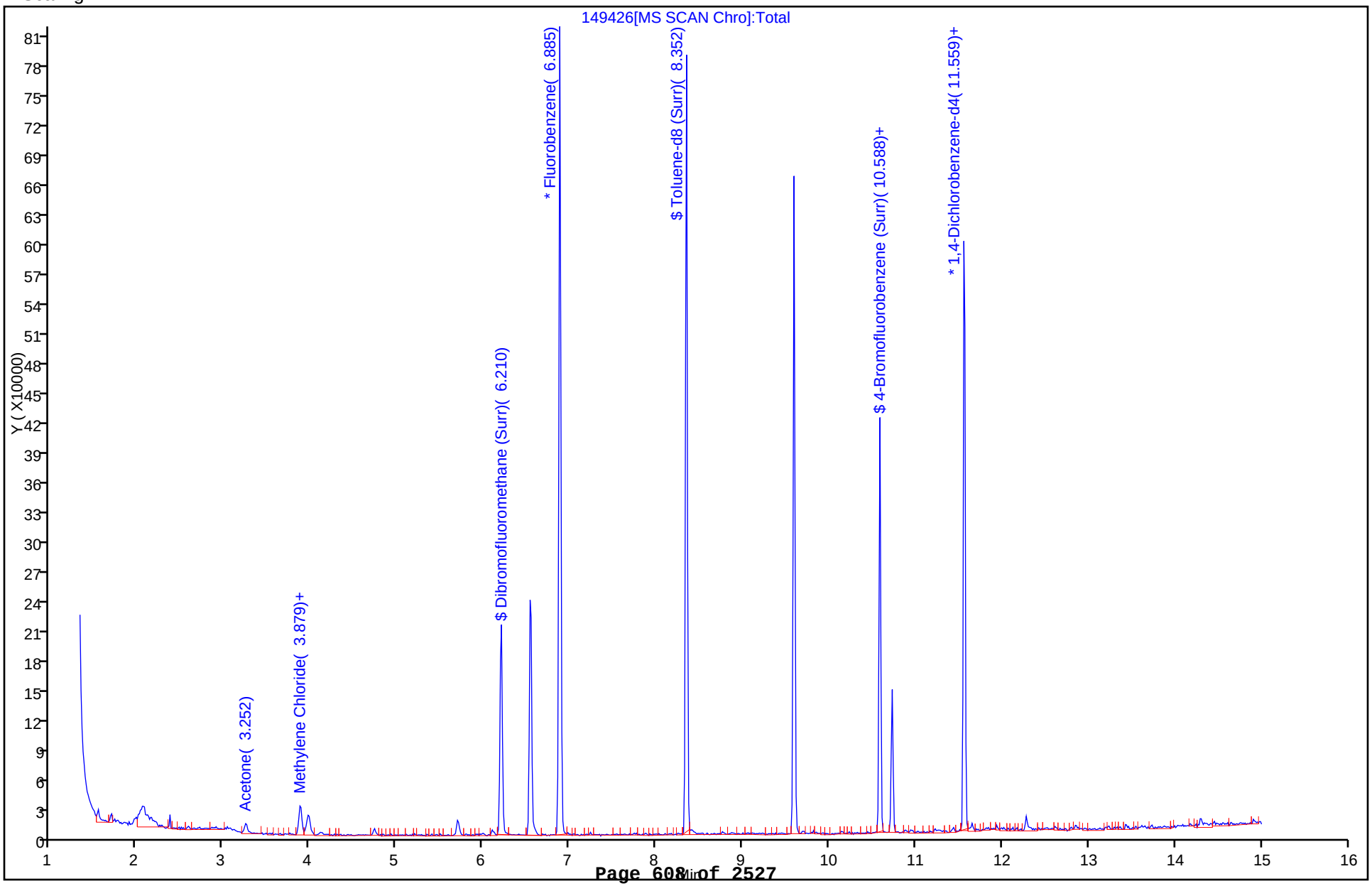
Processing Flags
9 - Failed A Reference Spectral Test
s - Failed ISTD Recovery Test

Report Date: 27-Nov-2012 11:12:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149426.D		
Injection Date:	25-Nov-2012 16:48:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	27
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



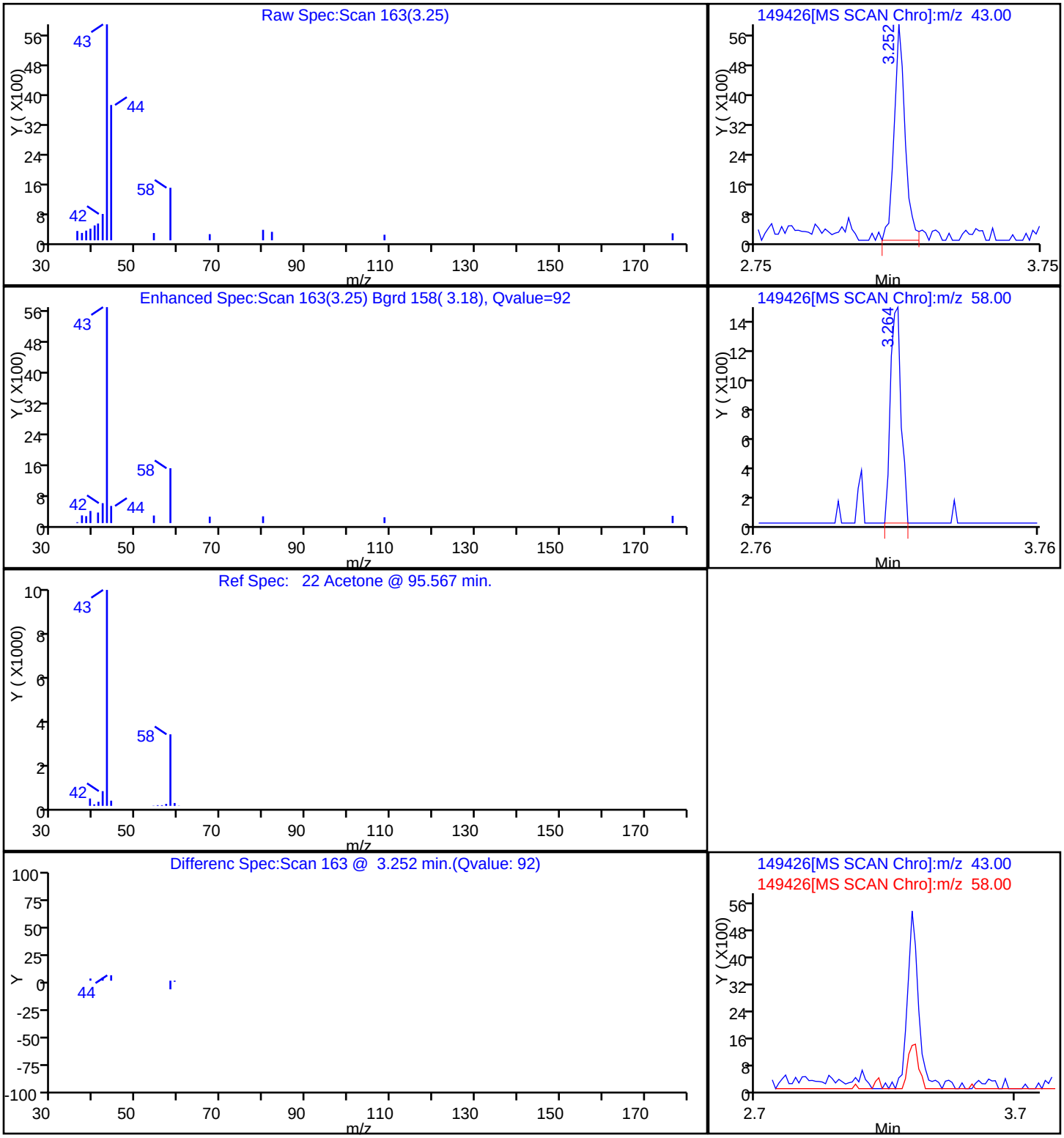
Report Date: 27-Nov-2012 11:12:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149426.D

Injection Date:	25-Nov-2012 16:48:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	27
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



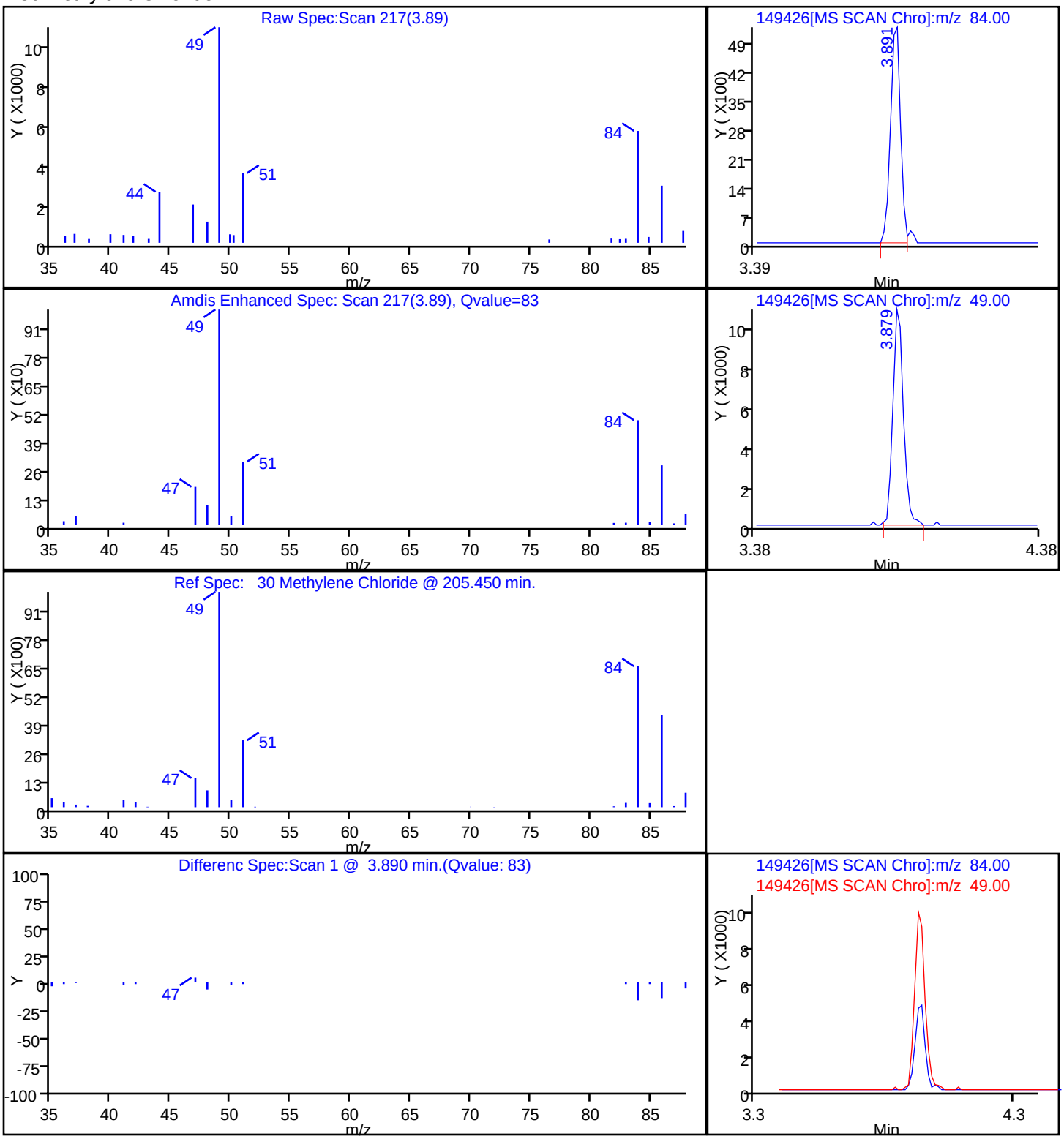
Report Date: 27-Nov-2012 11:12:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149426.D

Injection Date:	25-Nov-2012 16:48:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	27
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0043M-0001-SO | Lab Sample ID: 240-17768-15

Matrix: Solid | Lab File ID: 149427.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 15:55

Sample wt/vol: 5.344(g) | Date Analyzed: 11/25/2012 17:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.1	U	5.5	1.1	0.62
79-34-5	1,1,2,2-Tetrachloroethane	0.55	U	5.5	0.55	0.38
79-00-5	1,1,2-Trichloroethane	0.55	U	5.5	0.55	0.43
75-34-3	1,1-Dichloroethane	0.55	U	5.5	0.55	0.40
75-35-4	1,1-Dichloroethene	1.1	U	5.5	1.1	0.57
106-93-4	1,2-Dibromoethane	1.1	U	5.5	1.1	0.55
107-06-2	1,2-Dichloroethane	0.55	U	5.5	0.55	0.38
540-59-0	1,2-Dichloroethene, Total	1.1	U	11	1.1	0.85
78-87-5	1,2-Dichloropropane	1.1	U	5.5	1.1	0.76
78-93-3	2-Butanone (MEK)	3.2	J	22	2.2	1.5
591-78-6	2-Hexanone	1.1	U	22	1.1	0.70
108-10-1	4-Methyl-2-pentanone (MIBK)	1.1	U	22	1.1	0.60
67-64-1	Acetone	37	B	22	7.0	7.0
71-43-2	Benzene	0.55	U	5.5	0.55	0.25
74-97-5	Bromochloromethane	1.1	U	5.5	1.1	0.78
75-27-4	Bromodichloromethane	0.55	U	5.5	0.55	0.31
75-25-2	Bromoform	0.55	U	5.5	0.55	0.36
74-83-9	Bromomethane	1.1	U	5.5	1.1	0.60
75-15-0	Carbon disulfide	0.55	U	5.5	0.55	0.49
56-23-5	Carbon tetrachloride	0.55	U	5.5	0.55	0.41
108-90-7	Chlorobenzene	0.55	U	5.5	0.55	0.36
75-00-3	Chloroethane	1.1	U	5.5	1.1	0.95
67-66-3	Chloroform	0.55	U	5.5	0.55	0.32
74-87-3	Chloromethane	0.55	U	5.5	0.55	0.45
10061-01-5	cis-1,3-Dichloropropene	0.55	U	5.5	0.55	0.38
124-48-1	Dibromochloromethane	1.1	U	5.5	1.1	0.61
100-41-4	Ethylbenzene	0.55	U	5.5	0.55	0.29
1634-04-4	Methyl tert-butyl ether	0.55	U	5.5	0.55	0.48
75-09-2	Methylene Chloride	1.1	U	5.5	1.1	0.74
100-42-5	Styrene	0.55	U	5.5	0.55	0.17
127-18-4	Tetrachloroethene	1.1	U	5.5	1.1	0.57
108-88-3	Toluene	0.55	U	5.5	0.55	0.30
10061-02-6	trans-1,3-Dichloropropene	1.1	U	5.5	1.1	0.60
79-01-6	Trichloroethene	0.55	U	5.5	0.55	0.46
75-01-4	Vinyl chloride	0.55	U	5.5	0.55	0.43
1330-20-7	Xylenes, Total	1.7	U	11	1.7	0.74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0043M-0001-SO Lab Sample ID: 240-17768-15

Matrix: Solid Lab File ID: 149427.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 15:55

Sample wt/vol: 5.344(g) Date Analyzed: 11/25/2012 17:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 Level: (low/med) Low

Analysis Batch No.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		61-130
460-00-4	4-Bromofluorobenzene (Surr)	92		85-120
1868-53-7	Dibromofluoromethane (Surr)	80		59-138
2037-26-5	Toluene-d8 (Surr)	93		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149427.D
Lims ID: 240-17768-B-15-A Client ID: 076SB-0043M-0001-SO
Inject. Date: 25-Nov-2012 17:10:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-15-a
Misc. Info.: 240-0015237-028 =240-0015237-028
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 27
Lims Batch ID: 66175 Lims Sample ID: 28
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:30:08

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2195354	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	91	1274785	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.559	0.011	98	560406	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	67	436958	40.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	634504	47.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1851402	46.6	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	513825	46.0	
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.145					
22 Acetone	43	3.264	3.252	0.012	97	126249	33.4	
26 Carbon disulfide	76		3.418					9
30 Methylene Chloride	84		3.879					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43	5.713	5.701	0.012	34	15656	2.91	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					9
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	74	4791	0.1087	
73 trans-1,3-Dichloropropene	75		8.600					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.884					9
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106		9.713					
10 m-Xylene & p-Xylene	106		9.807					
85 o-Xylene	106		10.150					
86 Styrene	104		10.150					9
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

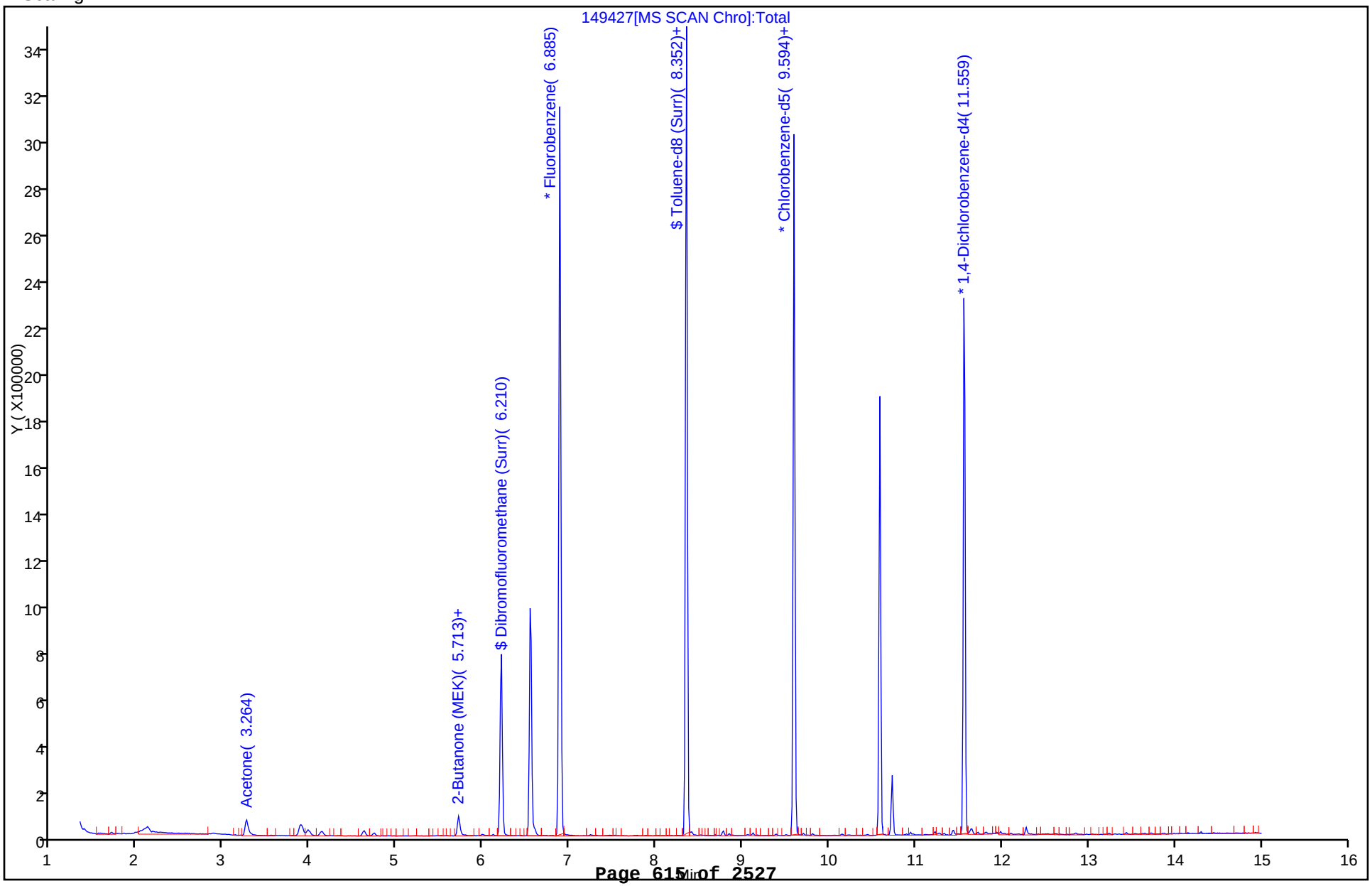
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 11:12:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149427.D		
Injection Date:	25-Nov-2012 17:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	28
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



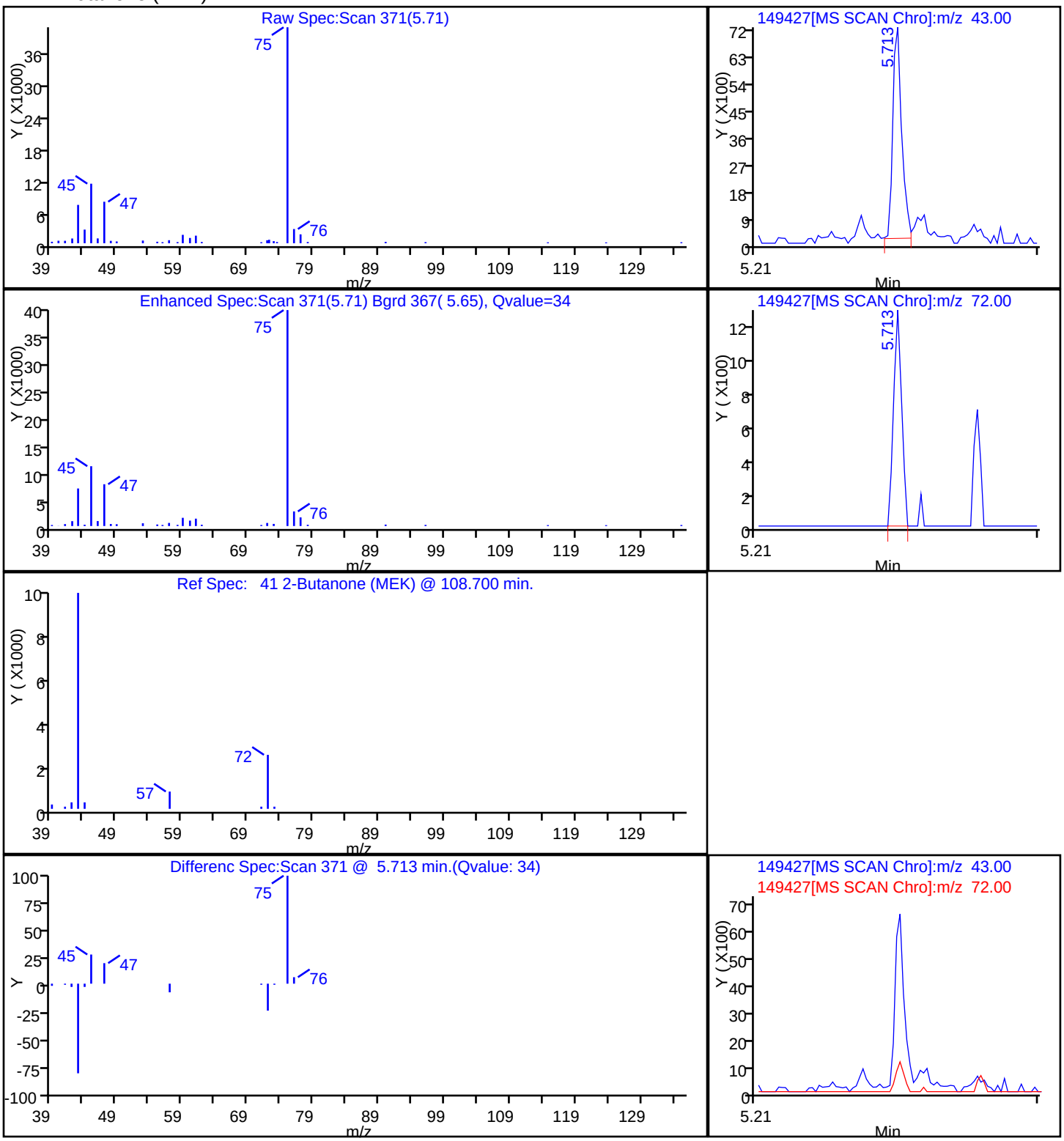
Report Date: 27-Nov-2012 11:12:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149427.D

Injection Date:	25-Nov-2012 17:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	28
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



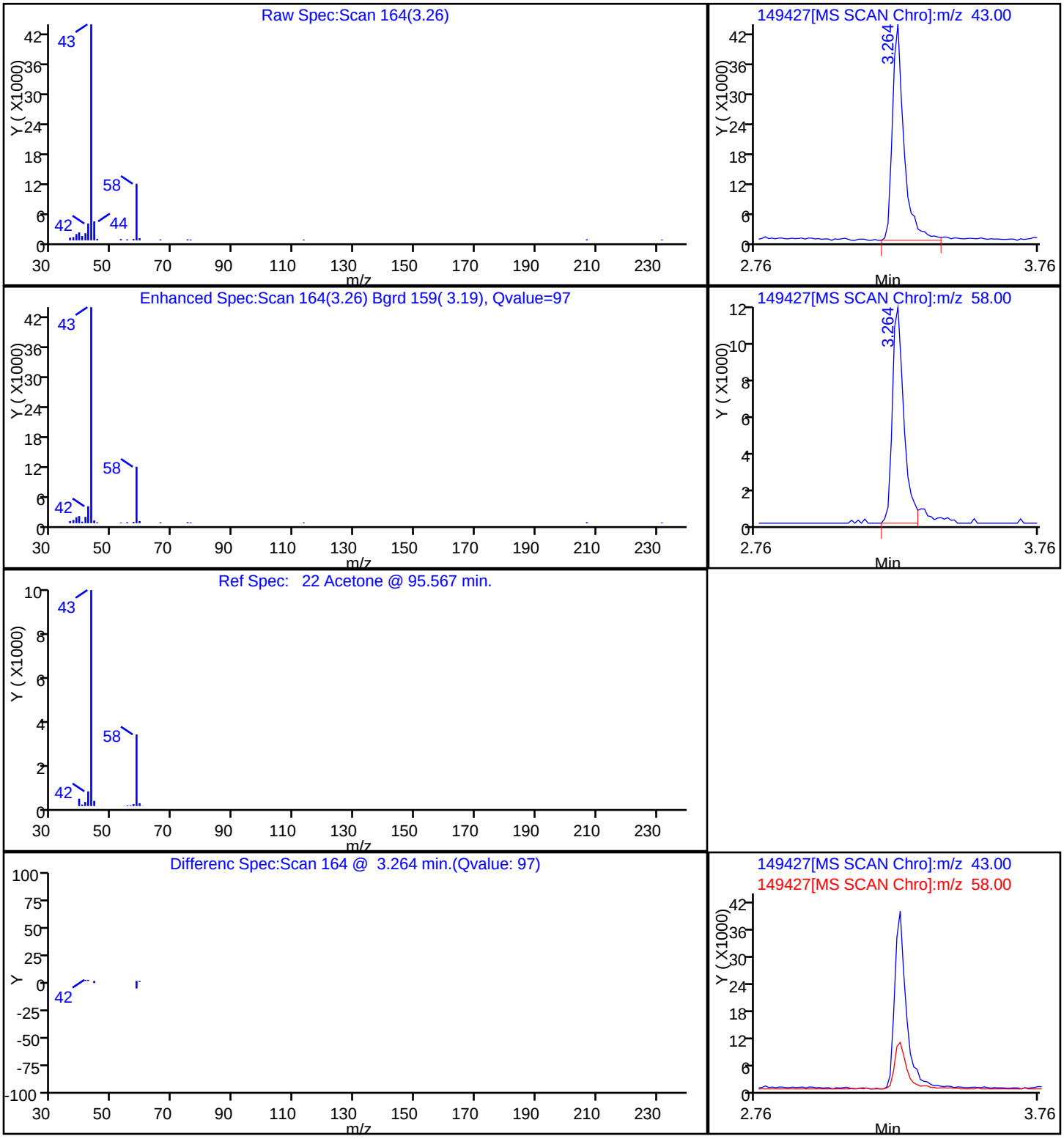
Report Date: 27-Nov-2012 11:12:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149427.D

Injection Date:	25-Nov-2012 17:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	28
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0044-0001-TB | Lab Sample ID: 240-17768-16

Matrix: Water | Lab File ID: UXX1137.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2012 14:09

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.: 65929 | 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	0.80	J B	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.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0044-0001-TB Lab Sample ID: 240-17768-16

Matrix: Water Lab File ID: UXX1137.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2012 14:09

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.: 65929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	104		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-120
460-00-4	4-Bromofluorobenzene (Surr)	78		75-120
1868-53-7	Dibromofluoromethane (Surr)	108		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1137.D
Lims ID: 240-17768-A-16 Client ID: 076SB-0044-0001-TB
Inject. Date: 21-Nov-2012 14:09:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015165-011
Misc. Info.: P21121A,8260LLUX10,,1904 =P21121A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 10
Lims Batch ID: 65929 Lims Sample ID: 11
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121121-15165.b\8260_10.m
Last Update: 23-Nov-2012 08:56:27 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: quayler Date: 21-Nov-2012 14:27:48

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	1773784	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.881	-0.003	84	1070782	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.129	-0.003	94	479386	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.626	0.010	59	525986	10.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.922	-0.002	0	641828	11.2	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	94	1759952	10.4	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	90	435393	7.81	
13 Chloromethane	50		1.704					9
14 Vinyl chloride	62		1.798					
16 Bromomethane	94		2.094					9
17 Chloroethane	64		2.177					
23 1,1-Dichloroethene	96		2.804					
24 Acetone	43		2.828					
27 Carbon disulfide	76		3.005					9
31 Methylene Chloride	84	3.192	3.195	-0.003	88	49007	0.8006	
34 trans-1,2-Dichloroethene	96		3.431					
35 Methyl tert-butyl ether	73		3.431					
37 1,1-Dichloroethane	63		3.775					
42 2-Butanone (MEK)	43		4.236					
43 cis-1,2-Dichloroethene	96		4.248					
48 Chlorobromomethane	128		4.437					
50 Chloroform	83		4.496					9
51 1,1,1-Trichloroethane	97		4.674					
54 Carbon tetrachloride	117		4.828					
56 1,2-Dichloroethane	62		4.981					
57 Benzene	78		4.981					9
61 Trichloroethene	130		5.526					
64 1,2-Dichloropropane	63		5.703					
68 Dichlorobromomethane	83		5.928					
71 cis-1,3-Dichloropropene	75		6.319					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
72 4-Methyl-2-pentanone (MIBK)	43		6.437					
73 Toluene	91		6.626					9
74 trans-1,3-Dichloropropene	75		6.804					
76 1,1,2-Trichloroethane	97		6.969					
78 Tetrachloroethene	164		7.135					9
79 2-Hexanone	43		7.182					
81 Chlorodibromomethane	129		7.336					
83 Ethylene Dibromide	107		7.455					
85 Chlorobenzene	112		7.904					
87 Ethylbenzene	106		8.011					
88 m-Xylene & p-Xylene	106		8.117					9
89 o-Xylene	106		8.496					
90 Styrene	104		8.508					
91 Bromoform	173		8.685					
95 1,1,2,2-Tetrachloroethane	83		9.111					
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

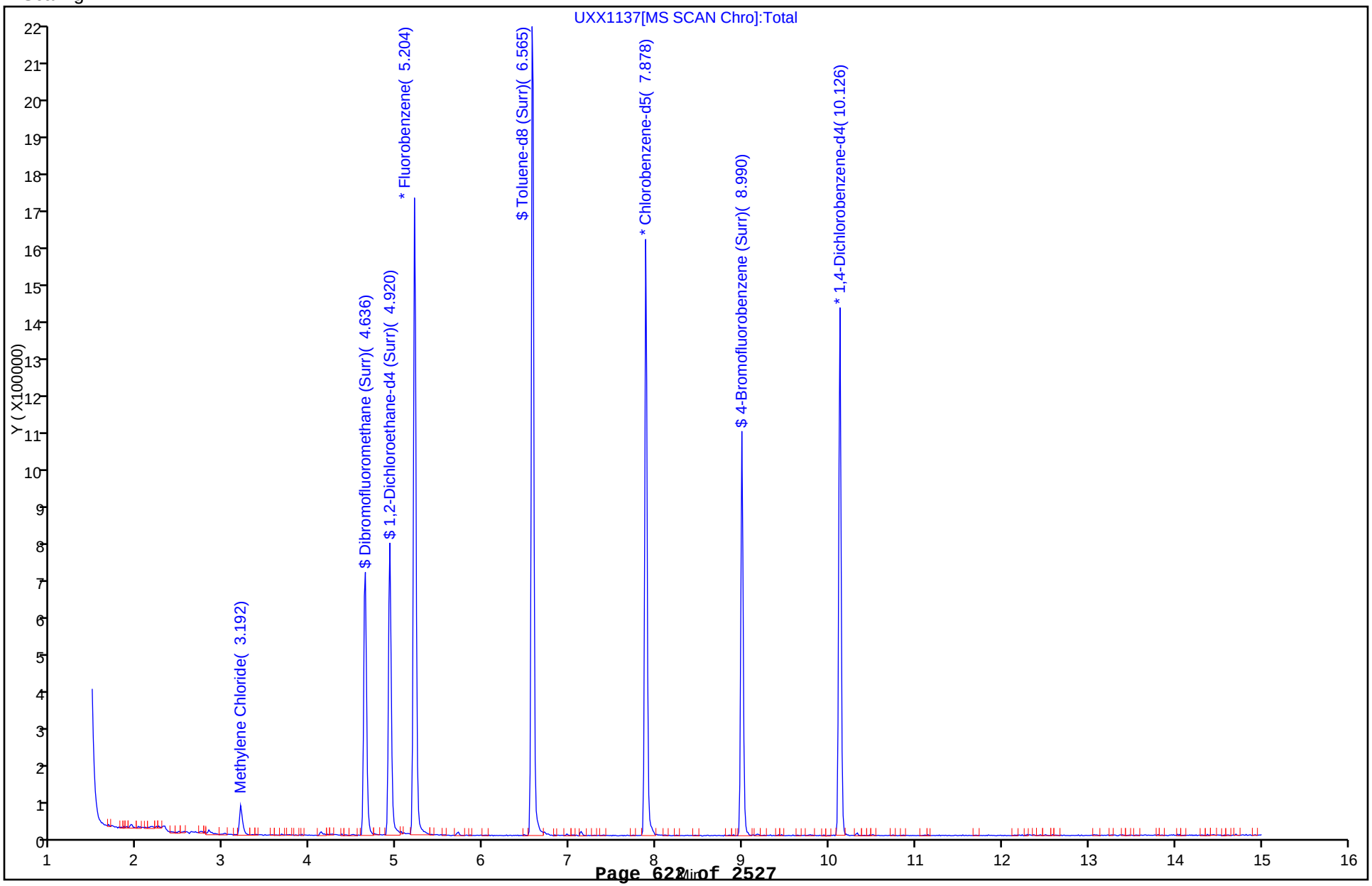
Report Date: 23-Nov-2012 08:56:58 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1137.D

Injection Date:	21-Nov-2012 14:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0044-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	65929	Lims Sample ID:	11
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



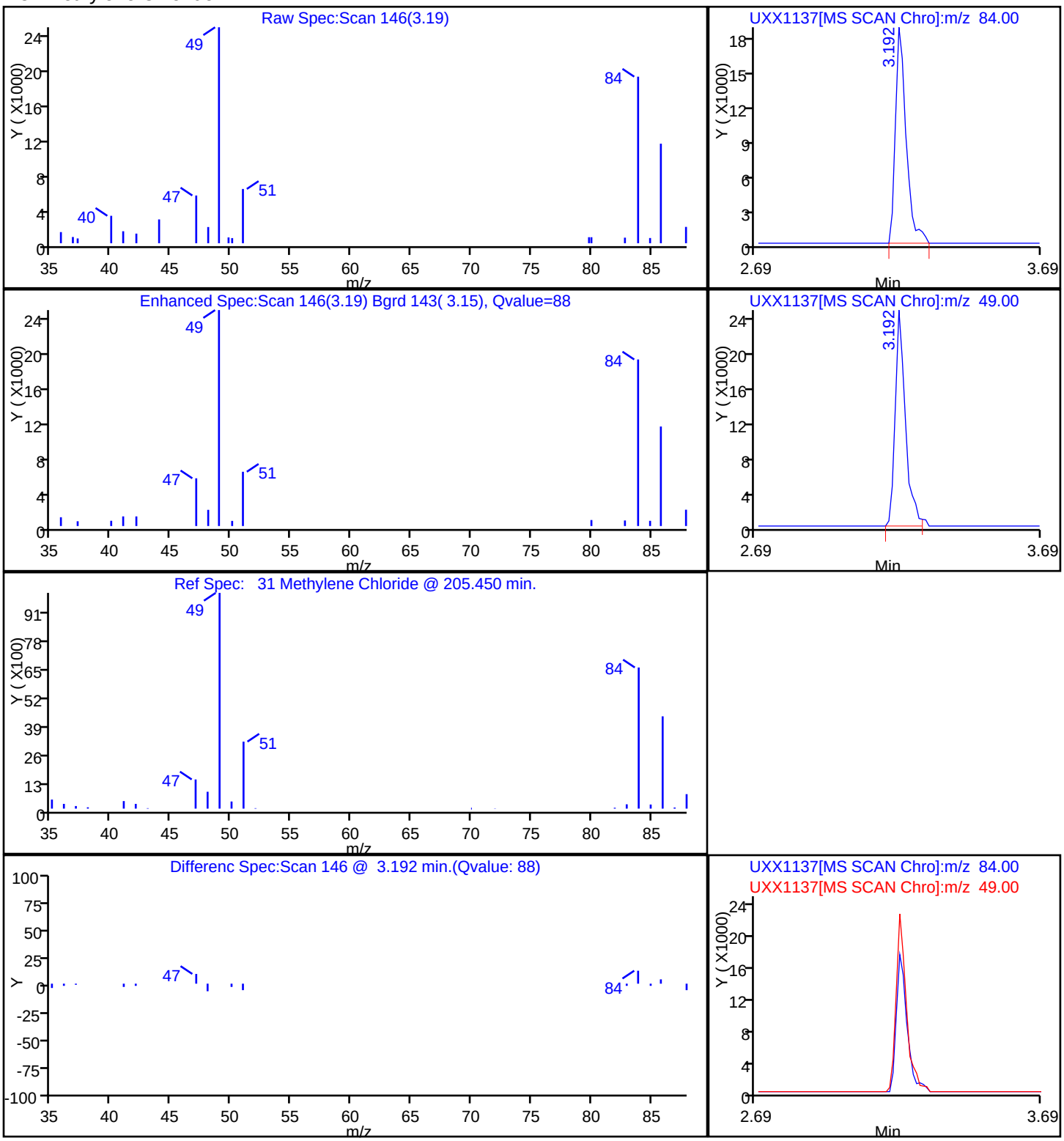
Report Date: 23-Nov-2012 08:56:58 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1137.D

Injection Date:	21-Nov-2012 14:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0044-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	65929	Lims Sample ID:	11
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

31 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0030M-0001-SO | Lab Sample ID: 240-17768-17

Matrix: Solid | Lab File ID: 149428.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 16:15

Sample wt/vol: 5.919(g) | Date Analyzed: 11/25/2012 17:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.6 | Level: (low/med) Low

Analysis Batch No.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.97	U	4.8	0.97	0.54
79-34-5	1,1,2,2-Tetrachloroethane	0.48	U	4.8	0.48	0.33
79-00-5	1,1,2-Trichloroethane	0.48	U	4.8	0.48	0.38
75-34-3	1,1-Dichloroethane	0.48	U	4.8	0.48	0.35
75-35-4	1,1-Dichloroethene	0.97	U	4.8	0.97	0.50
106-93-4	1,2-Dibromoethane	0.97	U	4.8	0.97	0.48
107-06-2	1,2-Dichloroethane	0.48	U	4.8	0.48	0.33
540-59-0	1,2-Dichloroethene, Total	0.97	U	9.7	0.97	0.74
78-87-5	1,2-Dichloropropane	0.97	U	4.8	0.97	0.67
78-93-3	2-Butanone (MEK)	5.3	J	19	1.9	1.4
591-78-6	2-Hexanone	0.97	U	19	0.97	0.61
108-10-1	4-Methyl-2-pentanone (MIBK)	0.97	U	19	0.97	0.52
67-64-1	Acetone	33	B	19	6.1	6.1
71-43-2	Benzene	0.48	U	4.8	0.48	0.22
74-97-5	Bromochloromethane	0.97	U	4.8	0.97	0.69
75-27-4	Bromodichloromethane	0.48	U	4.8	0.48	0.27
75-25-2	Bromoform	0.48	U	4.8	0.48	0.32
74-83-9	Bromomethane	0.97	U	4.8	0.97	0.52
75-15-0	Carbon disulfide	2.9	J B	4.8	0.48	0.43
56-23-5	Carbon tetrachloride	0.48	U	4.8	0.48	0.36
108-90-7	Chlorobenzene	0.48	U	4.8	0.48	0.32
75-00-3	Chloroethane	0.97	U	4.8	0.97	0.83
67-66-3	Chloroform	0.48	U	4.8	0.48	0.28
74-87-3	Chloromethane	0.48	U	4.8	0.48	0.40
10061-01-5	cis-1,3-Dichloropropene	0.48	U	4.8	0.48	0.33
124-48-1	Dibromochloromethane	0.97	U	4.8	0.97	0.53
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	0.42
75-09-2	Methylene Chloride	0.97	U	4.8	0.97	0.65
100-42-5	Styrene	0.48	U	4.8	0.48	0.14
127-18-4	Tetrachloroethene	0.97	U	4.8	0.97	0.50
108-88-3	Toluene	0.48	U	4.8	0.48	0.26
10061-02-6	trans-1,3-Dichloropropene	0.97	U	4.8	0.97	0.52
79-01-6	Trichloroethene	0.48	U	4.8	0.48	0.41
75-01-4	Vinyl chloride	0.48	U	4.8	0.48	0.38
1330-20-7	Xylenes, Total	1.4	U	9.7	1.4	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0030M-0001-SO Lab Sample ID: 240-17768-17

Matrix: Solid Lab File ID: 149428.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 16:15

Sample wt/vol: 5.919(g) Date Analyzed: 11/25/2012 17:31

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.6 Level: (low/med) Low

Analysis Batch No.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		61-130
460-00-4	4-Bromofluorobenzene (Surr)	88		85-120
1868-53-7	Dibromofluoromethane (Surr)	81		59-138
2037-26-5	Toluene-d8 (Surr)	92		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149428.D
Lims ID: 240-17768-B-17-A Client ID: 076SB-0030M-0001-SO
Inject. Date: 25-Nov-2012 17:31:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-17-a
Misc. Info.: 240-0015237-029 =240-0015237-029
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 28
Lims Batch ID: 66175 Lims Sample ID: 29
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:30:20

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2155706	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.594	0.001	92	1265133	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.0	99	623018	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	66	435744	40.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	645973	48.8	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1812267	45.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.589	10.588	0.0	90	546105	44.0	
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.145					
22 Acetone	43	3.264	3.252	0.012	99	126955	34.4	
26 Carbon disulfide	76	3.418	3.418	0.0	64	2948	3.00	
30 Methylene Chloride	84		3.879					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43	5.702	5.701	0.001	94	29064	5.51	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130	7.240	7.240	0.0	64	1376	0.1086	
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					
72 Toluene	91	8.411	8.411	0.0	72	6105	0.1396	
73 trans-1,3-Dichloropropene	75		8.600					
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.884					
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	46	531	0.0360	7
10 m-Xylene & p-Xylene	106	9.808	9.807	0.001	78	2341	0.1299	
85 o-Xylene	106		10.150					
86 Styrene	104		10.150					9
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.1299	

QC Flag Legend

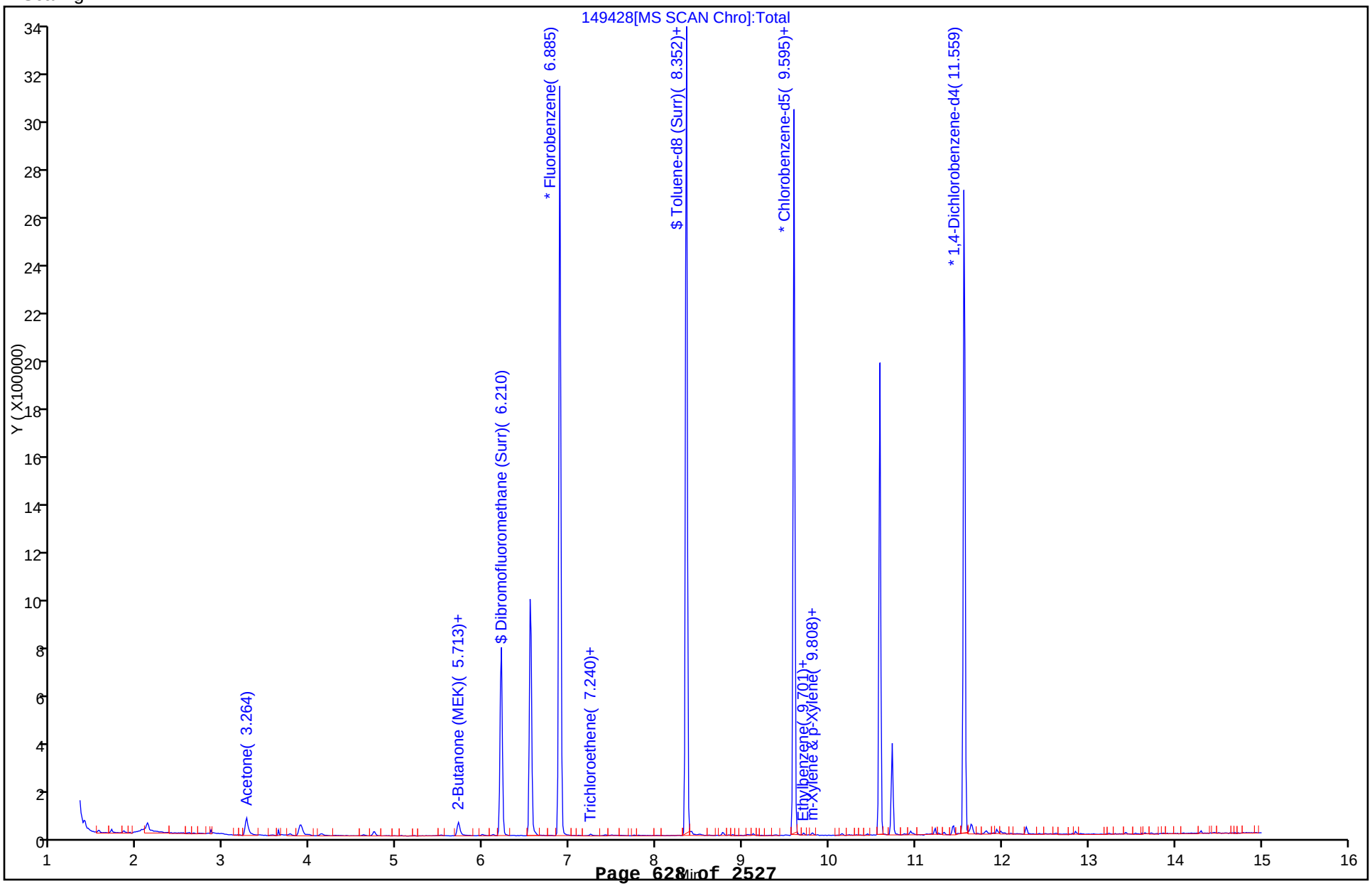
Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 11:12:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149428.D		
Injection Date:	25-Nov-2012 17:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	29
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



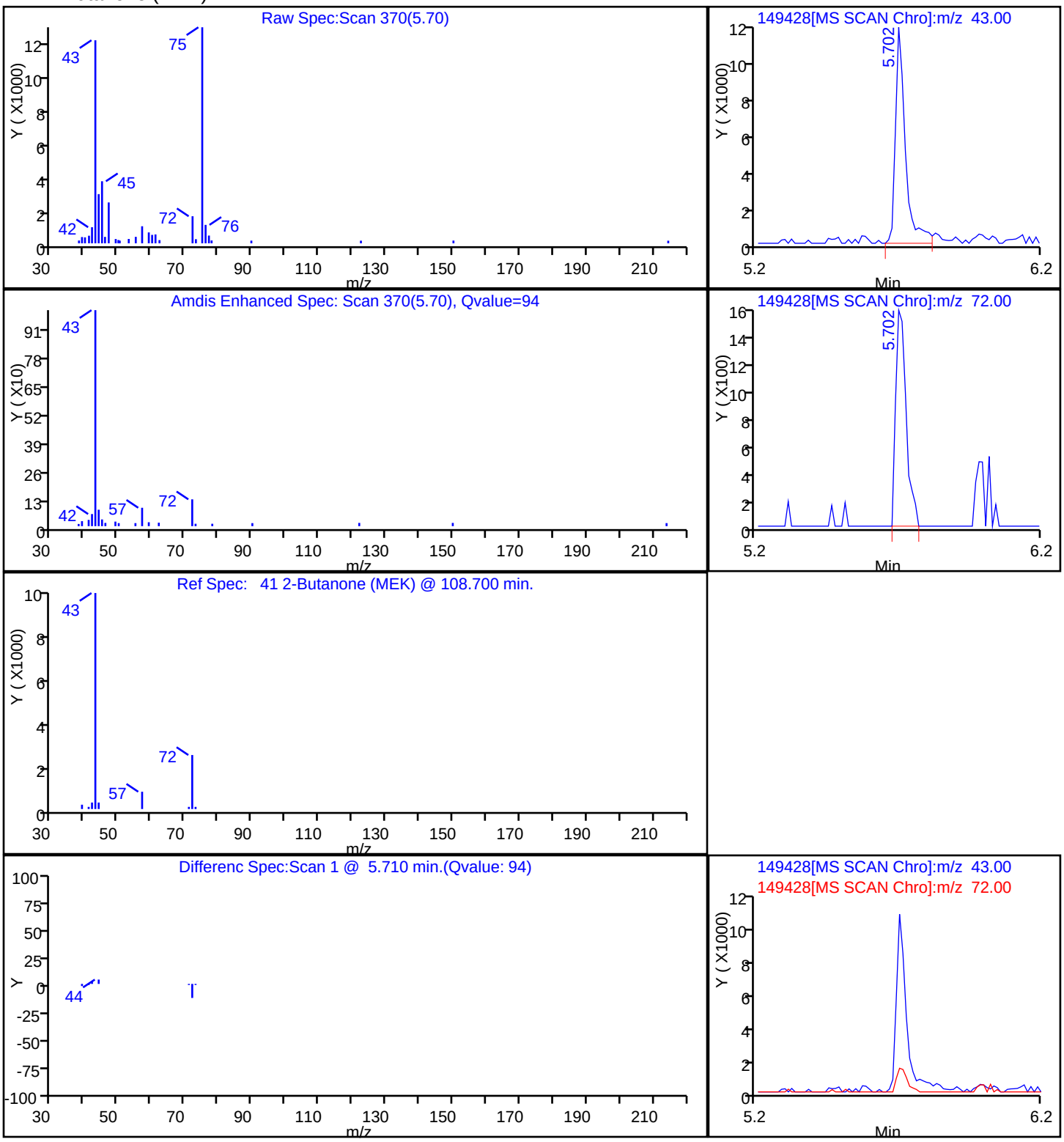
Report Date: 27-Nov-2012 11:12:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149428.D

Injection Date:	25-Nov-2012 17:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	29
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



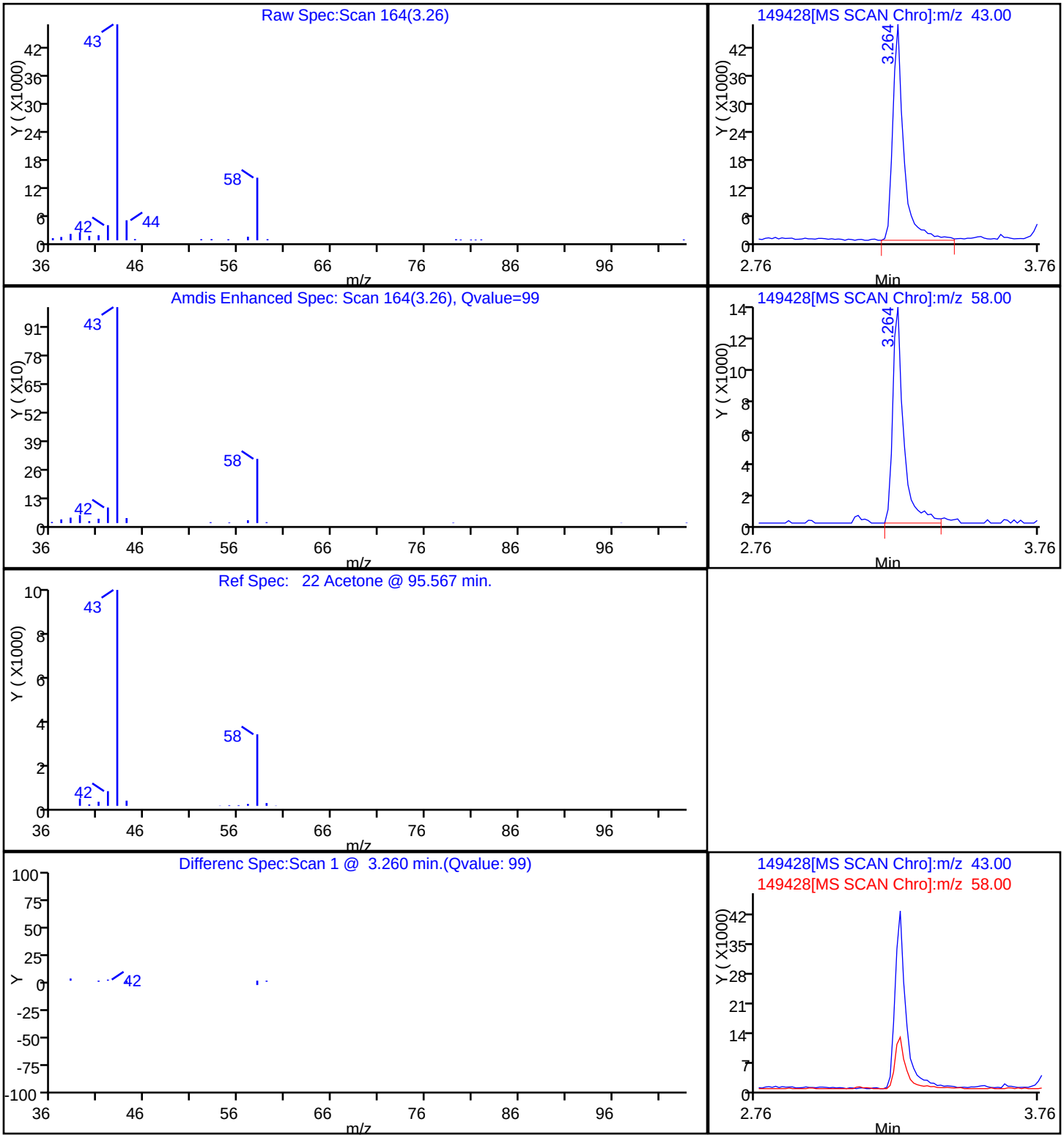
Report Date: 27-Nov-2012 11:12:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149428.D

Injection Date:	25-Nov-2012 17:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	29
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone

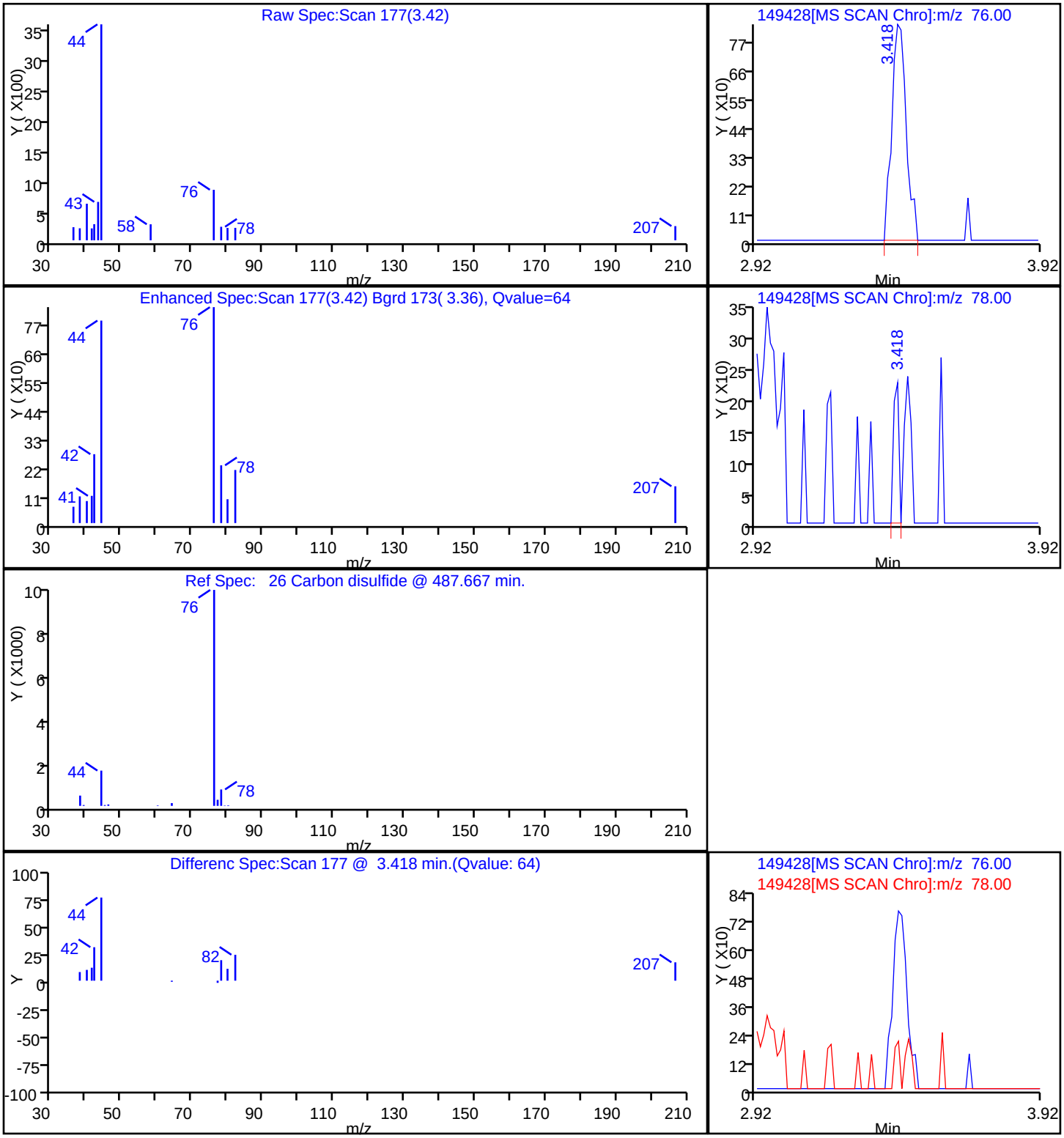


Report Date: 27-Nov-2012 11:12:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149428.D		
Injection Date:	25-Nov-2012 17:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	29
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0031M-0001-SO | Lab Sample ID: 240-17768-18

Matrix: Solid | Lab File ID: 149429.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 16:15

Sample wt/vol: 4.36(g) | Date Analyzed: 11/25/2012 17:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 22.1 | Level: (low/med) Low

Analysis Batch No.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.5	U	7.4	1.5	0.82
79-34-5	1,1,2,2-Tetrachloroethane	0.74	U	7.4	0.74	0.50
79-00-5	1,1,2-Trichloroethane	0.74	U	7.4	0.74	0.57
75-34-3	1,1-Dichloroethane	0.74	U	7.4	0.74	0.53
75-35-4	1,1-Dichloroethene	1.5	U	7.4	1.5	0.77
106-93-4	1,2-Dibromoethane	1.5	U	7.4	1.5	0.74
107-06-2	1,2-Dichloroethane	0.74	U	7.4	0.74	0.50
540-59-0	1,2-Dichloroethene, Total	1.5	U	15	1.5	1.1
78-87-5	1,2-Dichloropropane	1.5	U	7.4	1.5	1.0
78-93-3	2-Butanone (MEK)	13	J	29	2.9	2.1
591-78-6	2-Hexanone	1.5	U	29	1.5	0.93
108-10-1	4-Methyl-2-pentanone (MIBK)	1.5	U	29	1.5	0.79
67-64-1	Acetone	67	B	29	9.3	9.3
71-43-2	Benzene	0.74	U	7.4	0.74	0.34
74-97-5	Bromochloromethane	1.5	U	7.4	1.5	1.0
75-27-4	Bromodichloromethane	0.74	U	7.4	0.74	0.41
75-25-2	Bromoform	0.74	U	7.4	0.74	0.49
74-83-9	Bromomethane	1.5	U	7.4	1.5	0.79
75-15-0	Carbon disulfide	4.3	J B	7.4	0.74	0.65
56-23-5	Carbon tetrachloride	0.74	U	7.4	0.74	0.54
108-90-7	Chlorobenzene	0.74	U	7.4	0.74	0.49
75-00-3	Chloroethane	1.5	U	7.4	1.5	1.3
67-66-3	Chloroform	0.74	U	7.4	0.74	0.43
74-87-3	Chloromethane	0.74	U	7.4	0.74	0.60
10061-01-5	cis-1,3-Dichloropropene	0.74	U	7.4	0.74	0.50
124-48-1	Dibromochloromethane	1.5	U	7.4	1.5	0.81
100-41-4	Ethylbenzene	0.74	U	7.4	0.74	0.38
1634-04-4	Methyl tert-butyl ether	0.74	U	7.4	0.74	0.63
75-09-2	Methylene Chloride	11		7.4	1.5	0.99
100-42-5	Styrene	0.74	U	7.4	0.74	0.22
127-18-4	Tetrachloroethene	1.5	U	7.4	1.5	0.77
108-88-3	Toluene	0.49	J	7.4	0.74	0.40
10061-02-6	trans-1,3-Dichloropropene	1.5	U	7.4	1.5	0.79
79-01-6	Trichloroethene	0.74	U	7.4	0.74	0.62
75-01-4	Vinyl chloride	0.74	U	7.4	0.74	0.57
1330-20-7	Xylenes, Total	2.2	U	15	2.2	0.99

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0031M-0001-SO Lab Sample ID: 240-17768-18

Matrix: Solid Lab File ID: 149429.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 16:15

Sample wt/vol: 4.36(g) Date Analyzed: 11/25/2012 17:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 22.1 Level: (low/med) Low

Analysis Batch No.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		61-130
460-00-4	4-Bromofluorobenzene (Surr)	93		85-120
1868-53-7	Dibromofluoromethane (Surr)	81		59-138
2037-26-5	Toluene-d8 (Surr)	96		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149429.D
Lims ID: 240-17768-B-18-A Client ID: 076SB-0031M-0001-SO
Inject. Date: 25-Nov-2012 17:53:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-18-a
Misc. Info.: 240-0015237-030 =240-0015237-030
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 29
Lims Batch ID: 66175 Lims Sample ID: 30
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:30:36

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2129700	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.594	0.001	90	1184837	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.0	97	517251	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	67	428244	40.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	608694	46.5	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1763339	47.8	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	477990	46.4	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					9
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.145					9
22 Acetone	43	3.264	3.252	0.012	98	159299	45.4	
26 Carbon disulfide	76	3.418	3.418	0.0	59	1496	2.95	
30 Methylene Chloride	84	3.891	3.879	0.012	85	117367	7.65	
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43	5.701	5.701	0.0	90	45600	8.75	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					9
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130	7.252	7.240	0.012	67	1798	0.1437	
62 1,2-Dichloropropane	63		7.453					9
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	93	13540	0.3307	
73 trans-1,3-Dichloropropene	75		8.600					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.884					
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	47	1047	0.0758	7
10 m-Xylene & p-Xylene	106	9.808	9.807	0.001	93	3291	0.1951	
85 o-Xylene	106		10.150					
86 Styrene	104	10.151	10.150	0.001	61	2604	0.1115	
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.1951	

QC Flag Legend

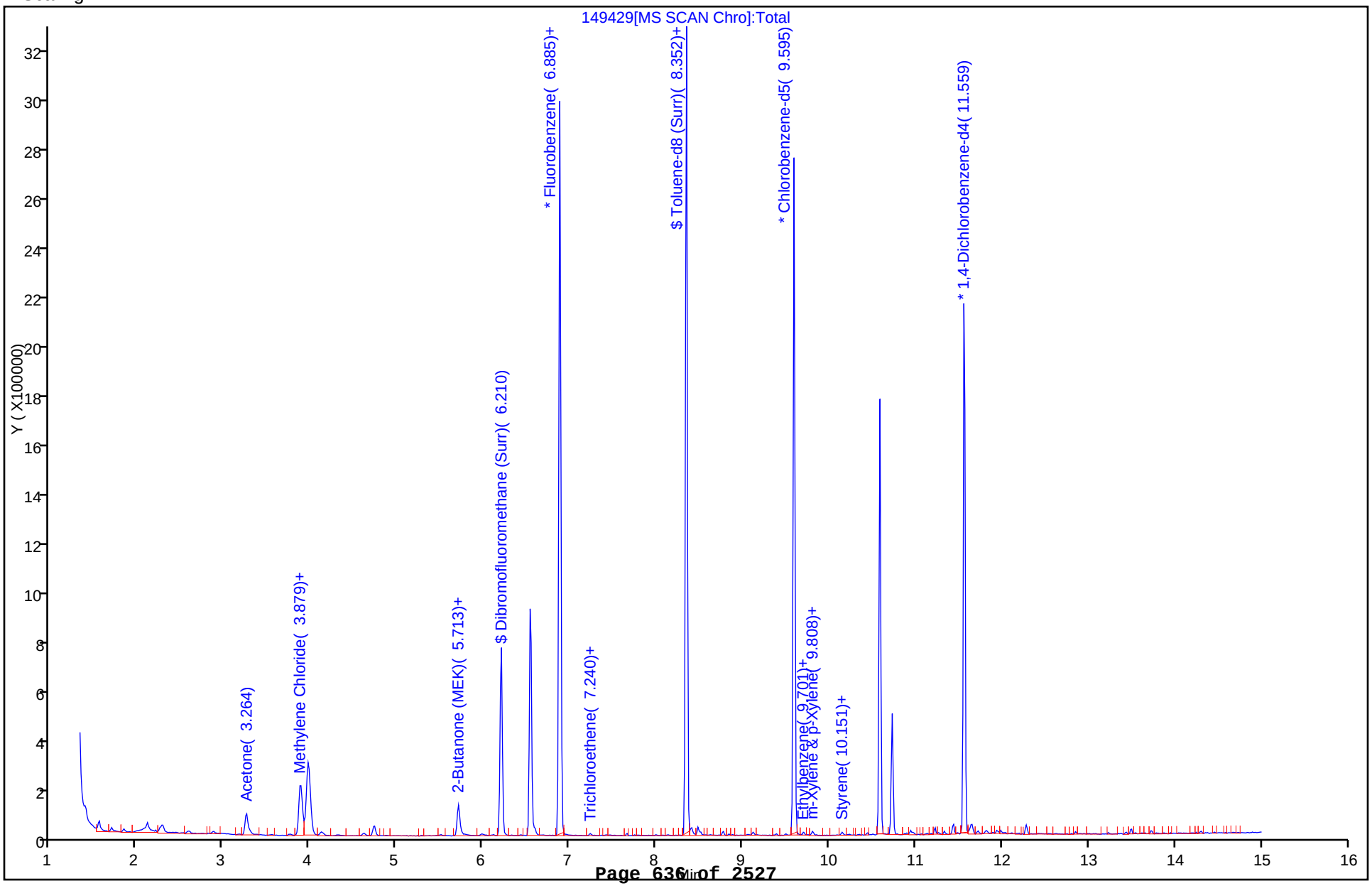
Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 11:12:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149429.D		
Injection Date:	25-Nov-2012 17:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	30
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



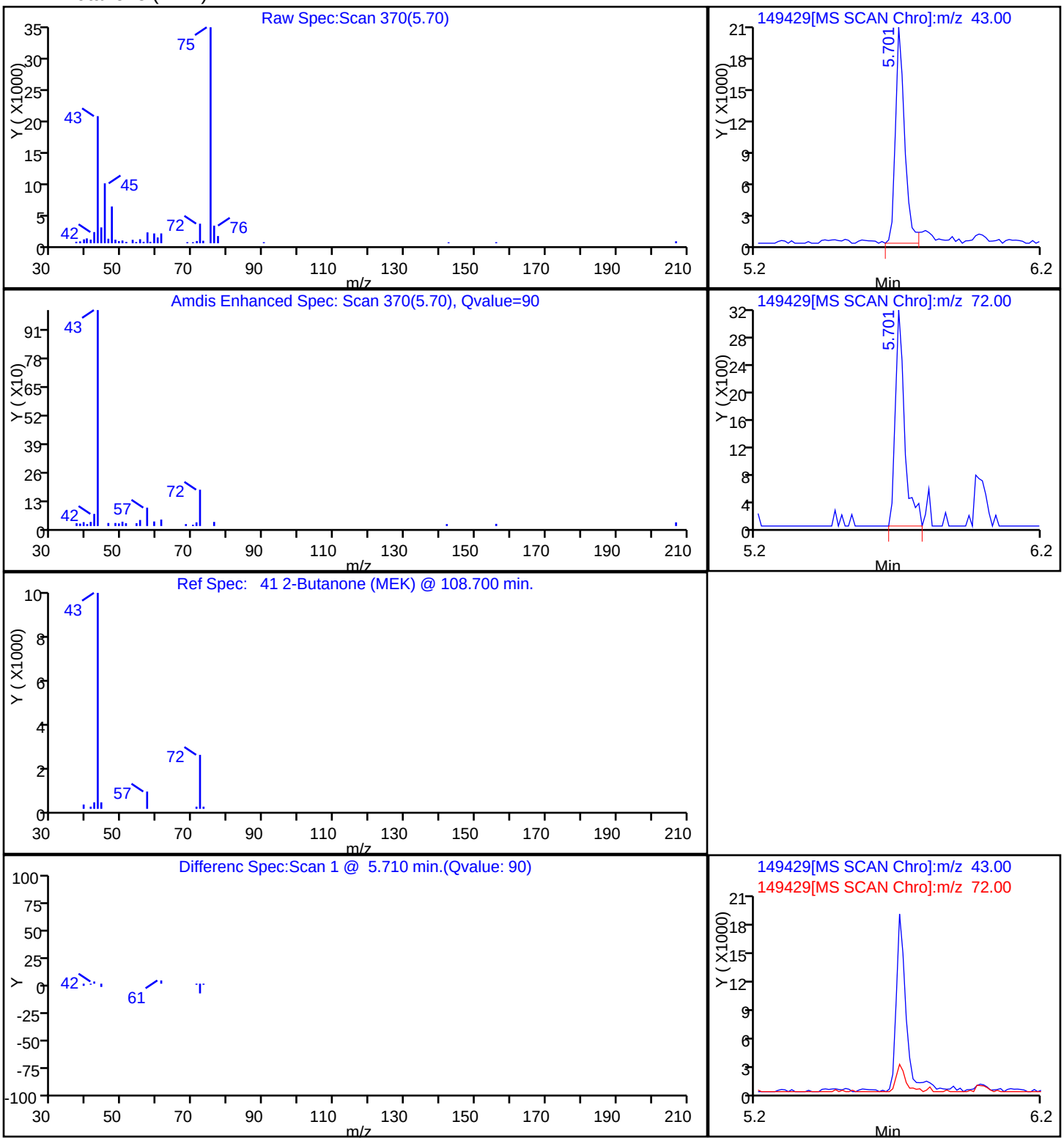
Report Date: 27-Nov-2012 11:12:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149429.D

Injection Date:	25-Nov-2012 17:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	30
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



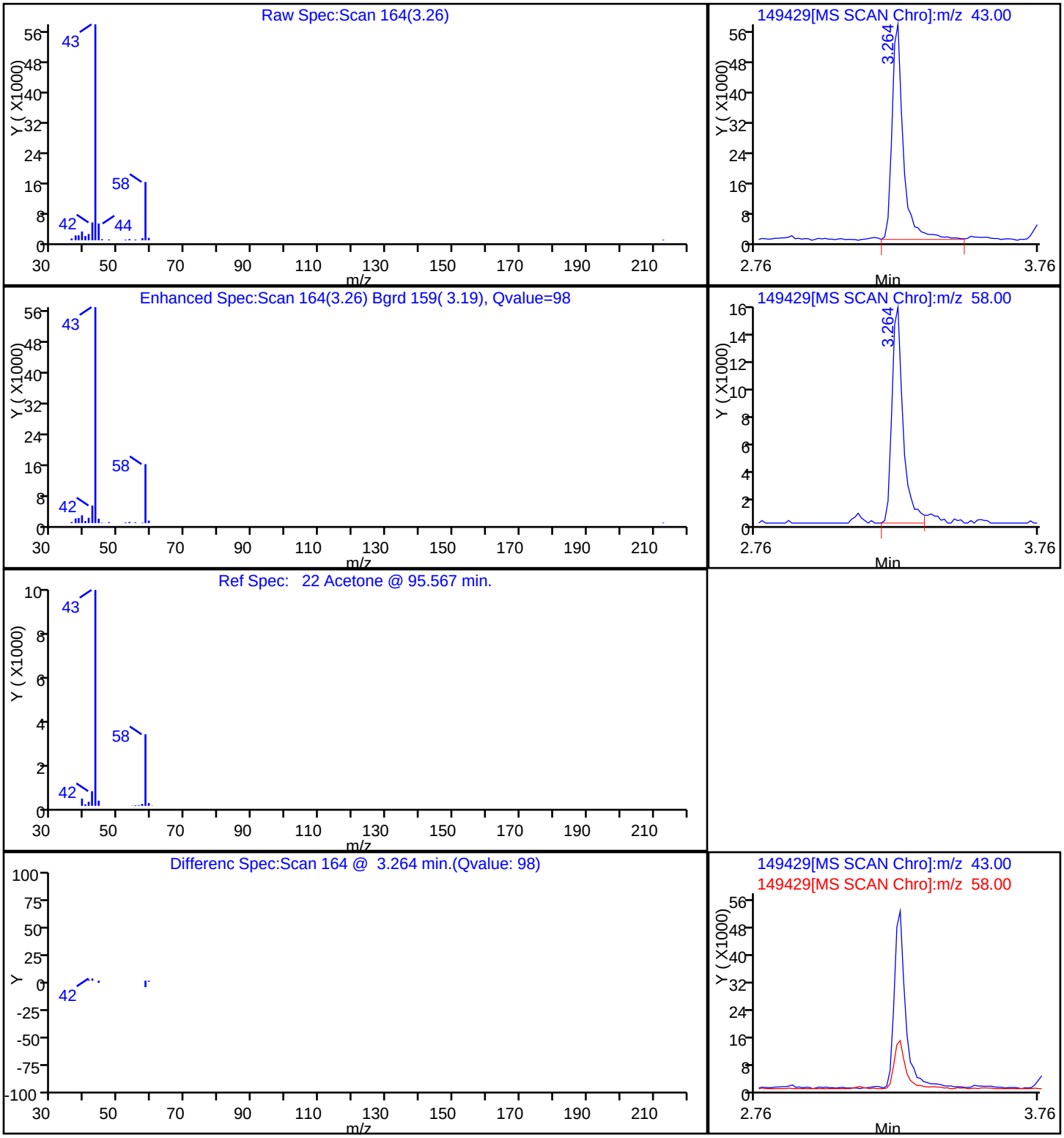
Report Date: 27-Nov-2012 11:12:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149429.D

Injection Date:	25-Nov-2012 17:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	30
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



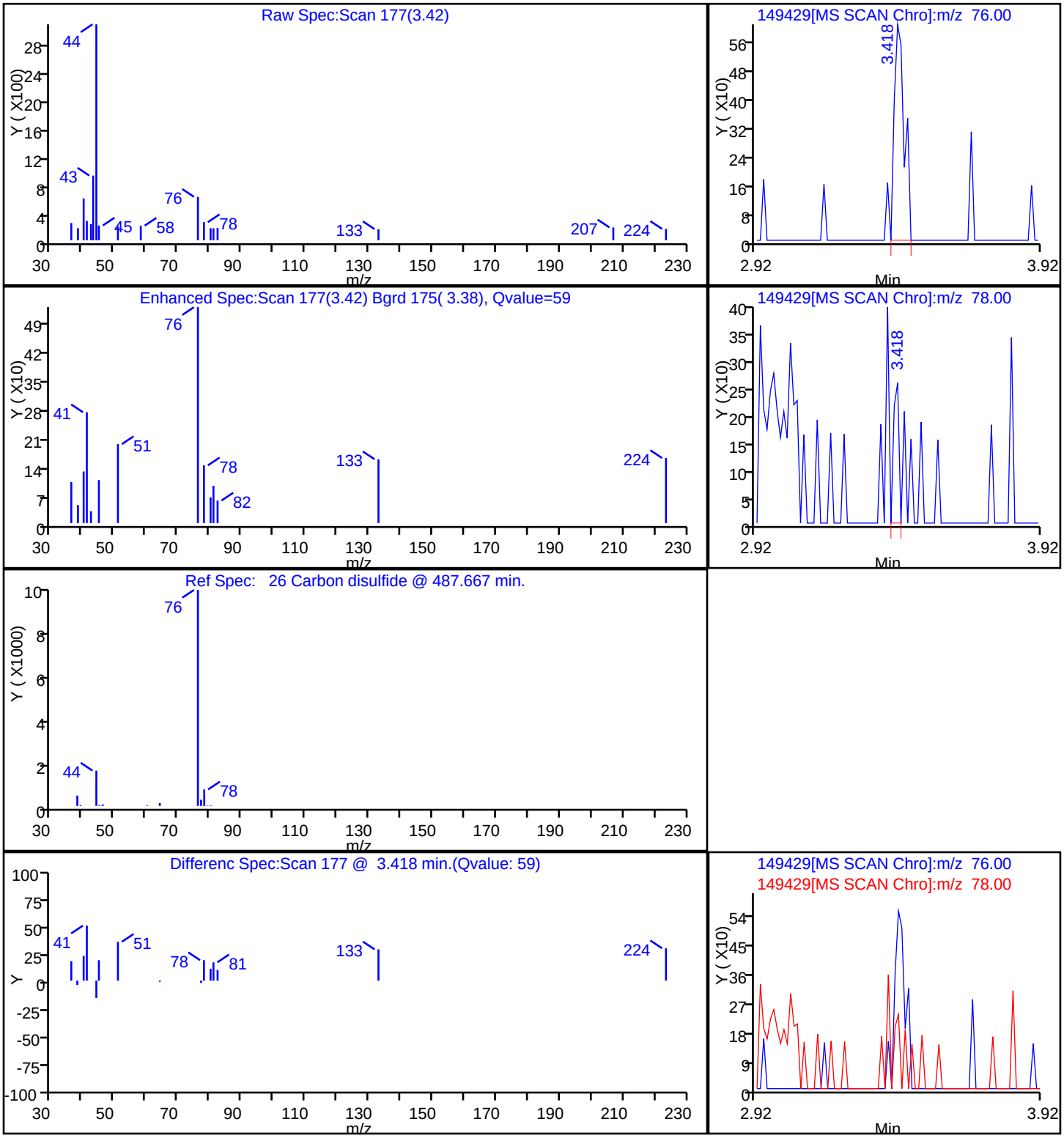
Report Date: 27-Nov-2012 11:12:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149429.D

Injection Date:	25-Nov-2012 17:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	30
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



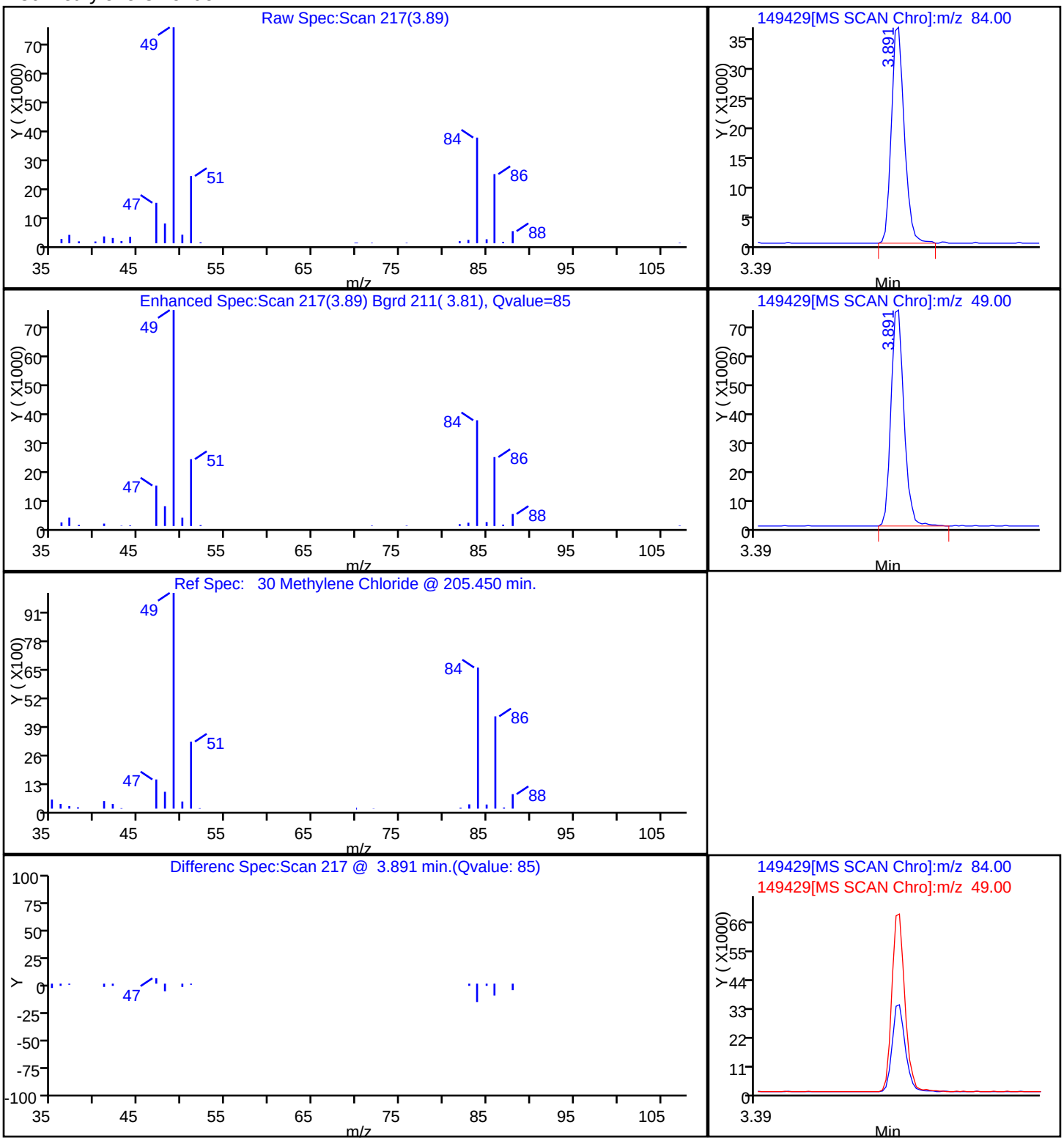
Report Date: 27-Nov-2012 11:12:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149429.D

Injection Date:	25-Nov-2012 17:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	30
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

30 Methylene Chloride



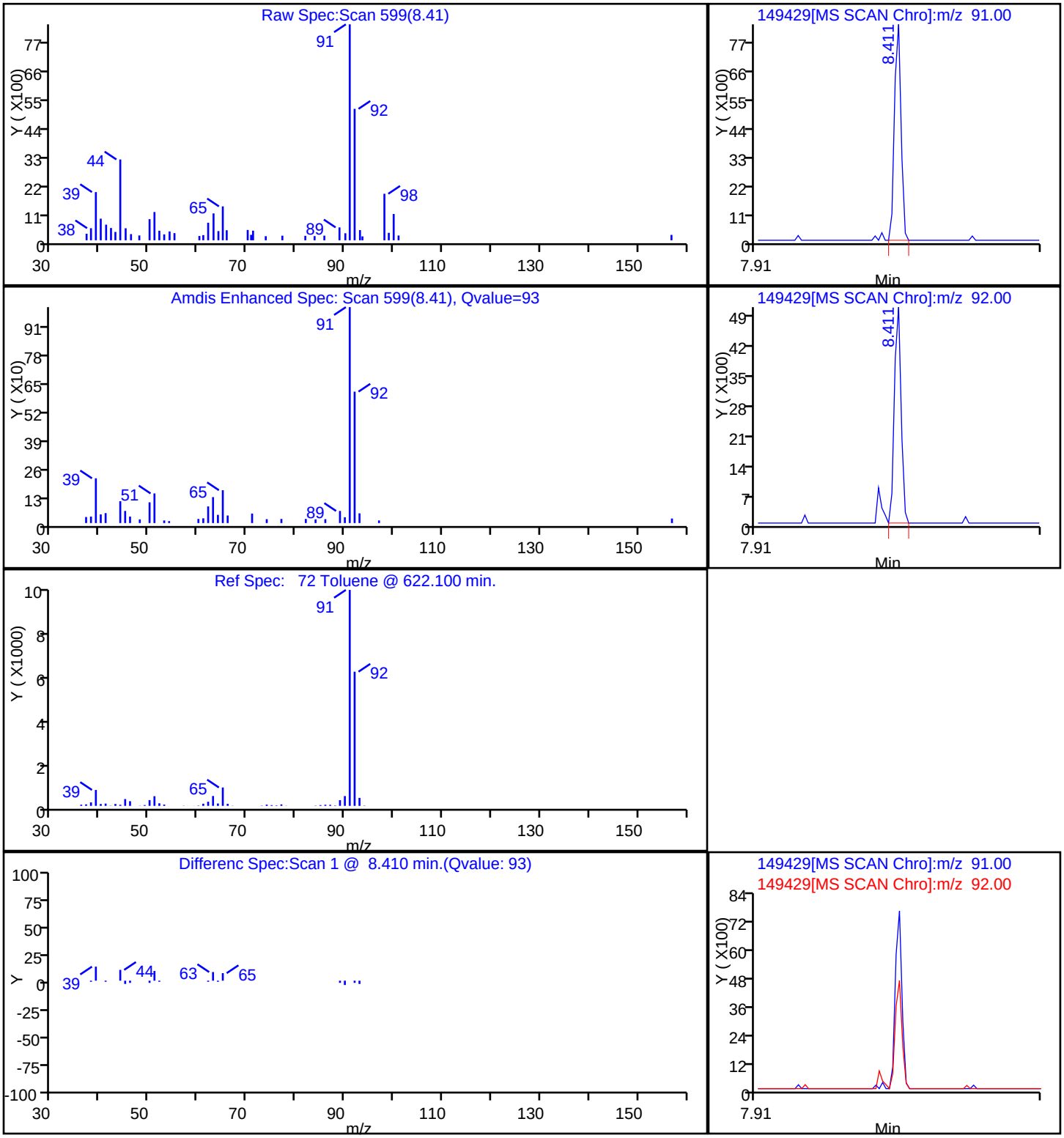
Report Date: 27-Nov-2012 11:12:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149429.D

Injection Date:	25-Nov-2012 17:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	30
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0032M-0001-SO | Lab Sample ID: 240-17768-19

Matrix: Solid | Lab File ID: 149430.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 16:15

Sample wt/vol: 6.027(g) | Date Analyzed: 11/25/2012 18:14

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.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.95	U	4.8	0.95	0.53
79-34-5	1,1,2,2-Tetrachloroethane	0.48	U	4.8	0.48	0.32
79-00-5	1,1,2-Trichloroethane	0.48	U	4.8	0.48	0.37
75-34-3	1,1-Dichloroethane	0.48	U	4.8	0.48	0.34
75-35-4	1,1-Dichloroethene	0.95	U	4.8	0.95	0.49
106-93-4	1,2-Dibromoethane	0.95	U	4.8	0.95	0.48
107-06-2	1,2-Dichloroethane	0.48	U	4.8	0.48	0.32
540-59-0	1,2-Dichloroethene, Total	0.95	U	9.5	0.95	0.73
78-87-5	1,2-Dichloropropane	0.95	U	4.8	0.95	0.66
78-93-3	2-Butanone (MEK)	3.9	J	19	1.9	1.3
591-78-6	2-Hexanone	0.95	U	19	0.95	0.60
108-10-1	4-Methyl-2-pentanone (MIBK)	0.95	U	19	0.95	0.51
67-64-1	Acetone	28	B	19	6.0	6.0
71-43-2	Benzene	0.48	U	4.8	0.48	0.22
74-97-5	Bromochloromethane	0.95	U	4.8	0.95	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	0.31
74-83-9	Bromomethane	0.95	U	4.8	0.95	0.51
75-15-0	Carbon disulfide	2.8	J B	4.8	0.48	0.42
56-23-5	Carbon tetrachloride	0.48	U	4.8	0.48	0.35
108-90-7	Chlorobenzene	0.48	U	4.8	0.48	0.31
75-00-3	Chloroethane	0.95	U	4.8	0.95	0.82
67-66-3	Chloroform	0.48	U	4.8	0.48	0.28
74-87-3	Chloromethane	0.48	U	4.8	0.48	0.39
10061-01-5	cis-1,3-Dichloropropene	0.48	U	4.8	0.48	0.32
124-48-1	Dibromochloromethane	0.95	U	4.8	0.95	0.52
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
75-09-2	Methylene Chloride	0.95	U	4.8	0.95	0.64
100-42-5	Styrene	0.48	U	4.8	0.48	0.14
127-18-4	Tetrachloroethene	0.95	U	4.8	0.95	0.49
108-88-3	Toluene	0.48	U	4.8	0.48	0.26
10061-02-6	trans-1,3-Dichloropropene	0.95	U	4.8	0.95	0.51
79-01-6	Trichloroethene	0.48	U	4.8	0.48	0.40
75-01-4	Vinyl chloride	0.48	U	4.8	0.48	0.37
1330-20-7	Xylenes, Total	1.4	U	9.5	1.4	0.64

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0032M-0001-SO Lab Sample ID: 240-17768-19

Matrix: Solid Lab File ID: 149430.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 16:15

Sample wt/vol: 6.027(g) Date Analyzed: 11/25/2012 18:14

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.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		61-130
460-00-4	4-Bromofluorobenzene (Surr)	87		85-120
1868-53-7	Dibromofluoromethane (Surr)	83		59-138
2037-26-5	Toluene-d8 (Surr)	91		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149430.D
Lims ID: 240-17768-B-19-A Client ID: 076SB-0032M-0001-SO
Inject. Date: 25-Nov-2012 18:14:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-19-a
Misc. Info.: 240-0015237-031 =240-0015237-031
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 30
Lims Batch ID: 66175 Lims Sample ID: 31
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:30:50

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2207034	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	92	1335671	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.0	97	645907	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	63	452662	41.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	91	671664	49.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1896958	45.5	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	91	559433	43.4	
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					9
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.145					
22 Acetone	43	3.264	3.252	0.012	98	113914	29.3	
26 Carbon disulfide	76	3.418	3.418	0.0	71	2740	2.99	
30 Methylene Chloride	84	3.891	3.879	0.012	84	44558	0.3824	
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43	5.713	5.701	0.012	36	22232	4.12	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					9
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	88	6502	0.1409	
73 trans-1,3-Dichloropropene	75		8.600					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.884					9
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	24	1049	0.0673	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	87	2508	0.1319	
85 o-Xylene	106		10.150					
86 Styrene	104		10.150					
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.1319	

QC Flag Legend

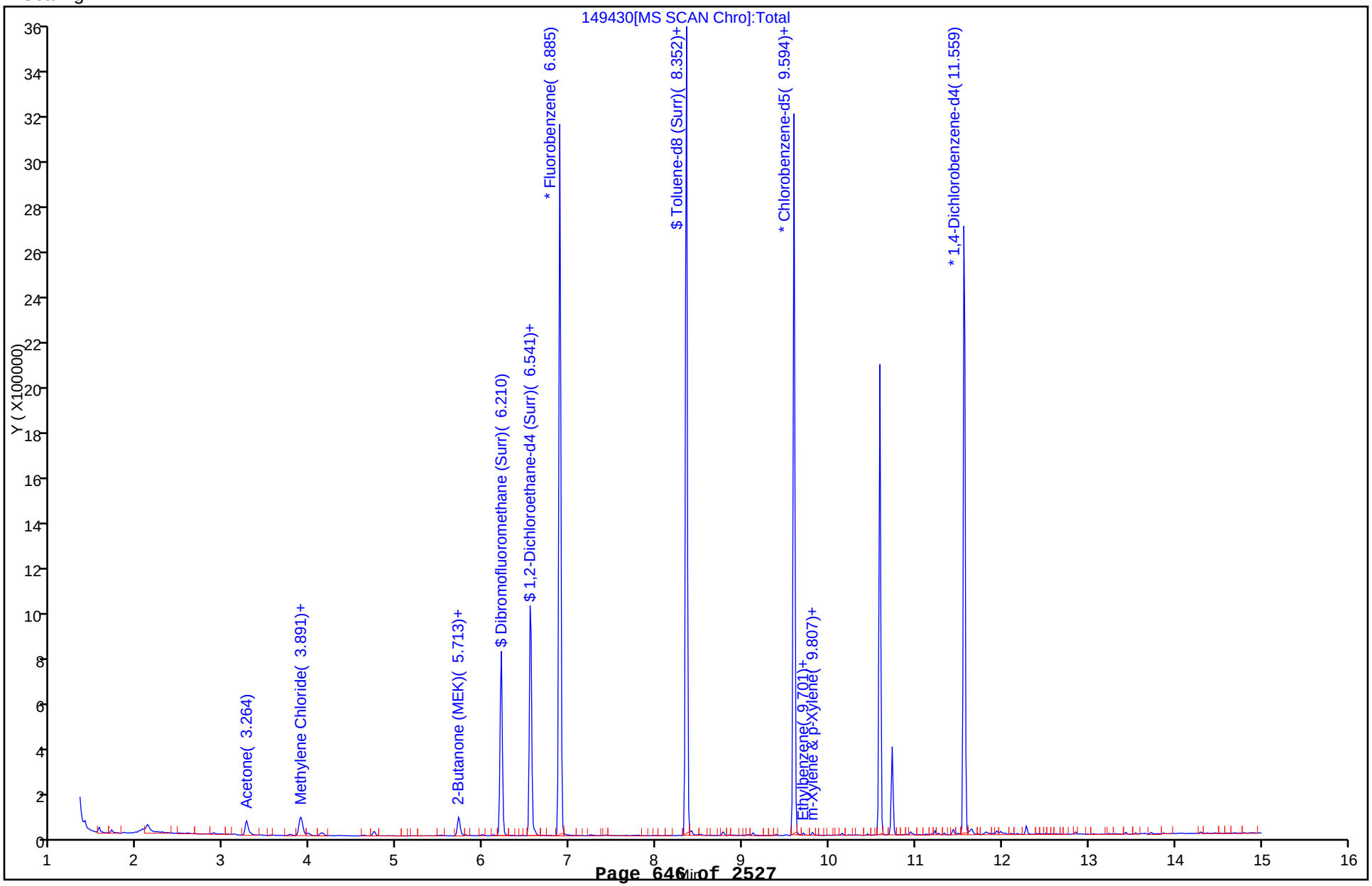
Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 11:12:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149430.D		
Injection Date:	25-Nov-2012 18:14:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	31
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



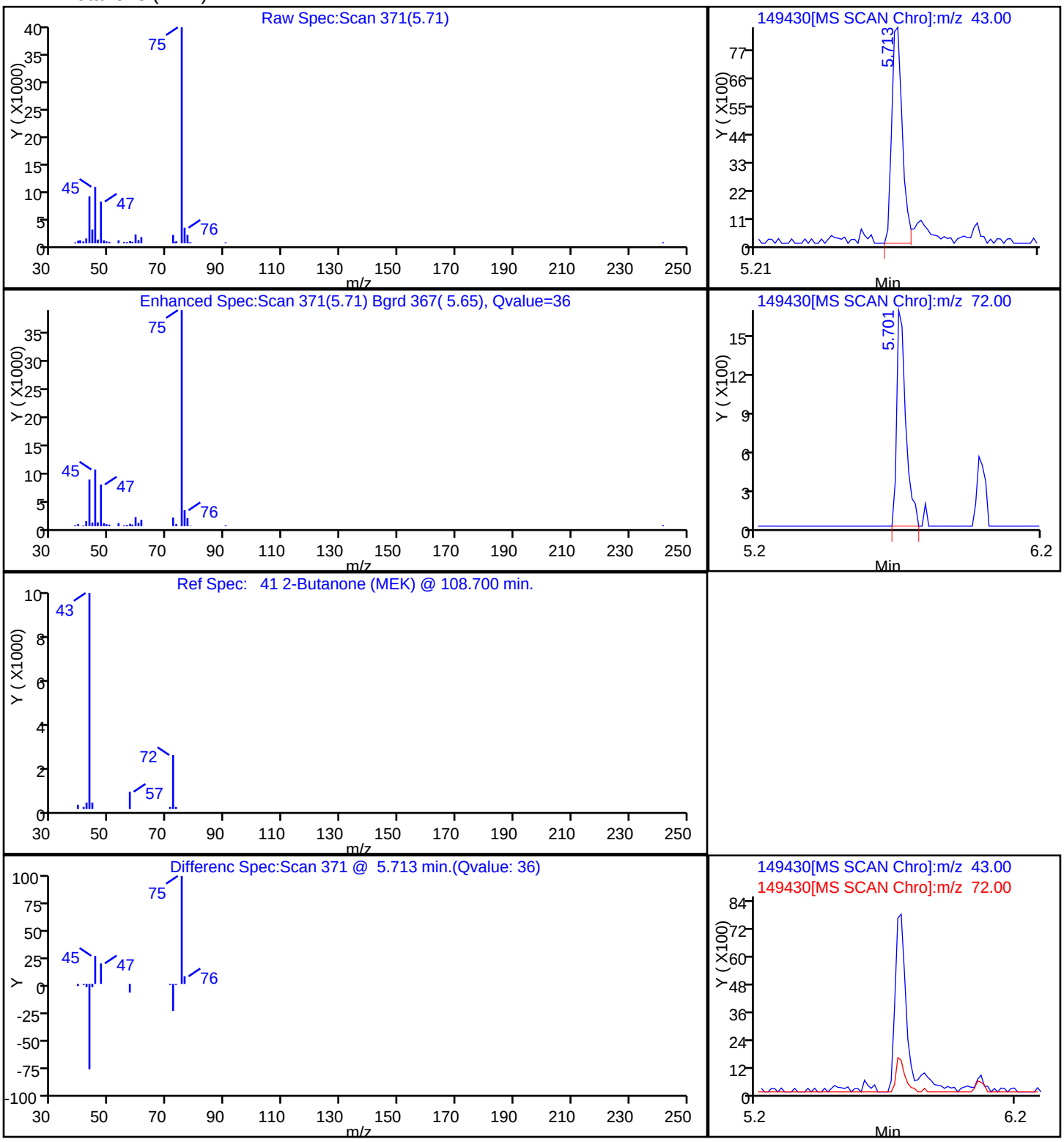
Report Date: 27-Nov-2012 11:12:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149430.D

Injection Date:	25-Nov-2012 18:14:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	31
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



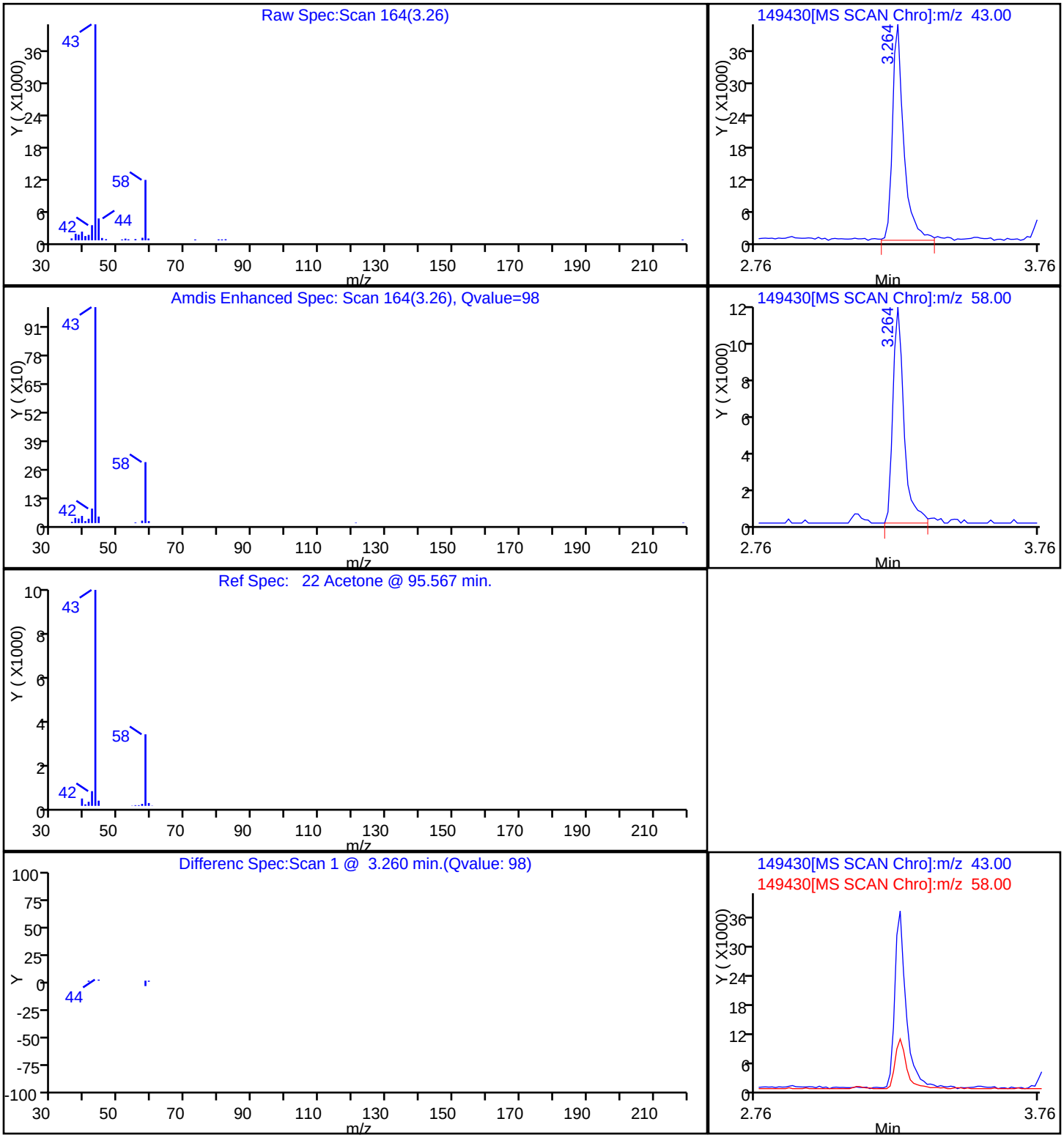
Report Date: 27-Nov-2012 11:12:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149430.D

Injection Date:	25-Nov-2012 18:14:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	31
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone

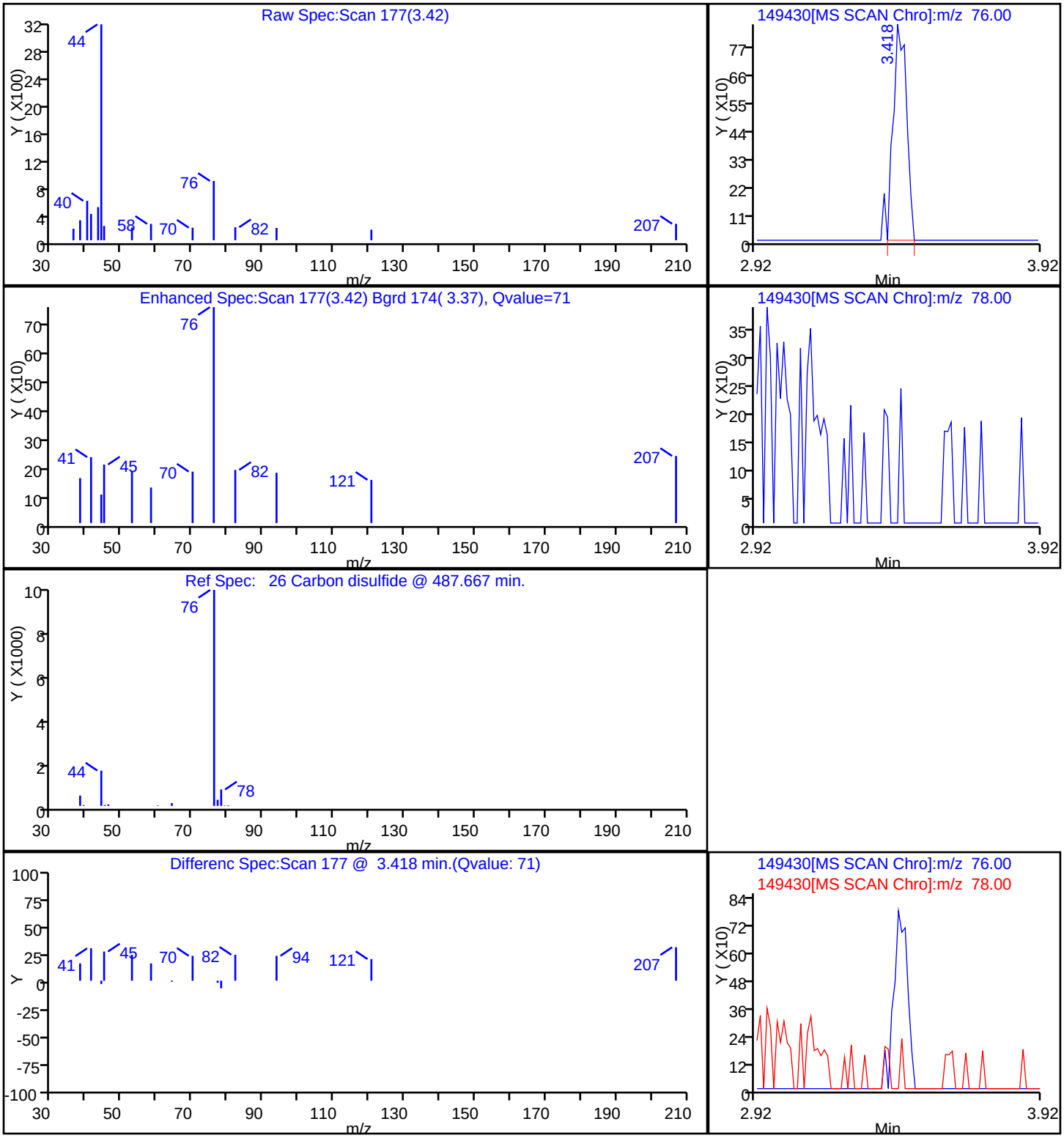


Report Date: 27-Nov-2012 11:12:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149430.D		
Injection Date:	25-Nov-2012 18:14:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	31
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0033M-0001-SO | Lab Sample ID: 240-17768-20

Matrix: Solid | Lab File ID: 149431.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 16:45

Sample wt/vol: 6.503(g) | Date Analyzed: 11/25/2012 18:36

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.7 | Level: (low/med) Low

Analysis Batch No.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.91	U	4.6	0.91	0.51
79-34-5	1,1,2,2-Tetrachloroethane	0.46	U	4.6	0.46	0.31
79-00-5	1,1,2-Trichloroethane	0.46	U	4.6	0.46	0.36
75-34-3	1,1-Dichloroethane	0.46	U	4.6	0.46	0.33
75-35-4	1,1-Dichloroethene	0.91	U	4.6	0.91	0.47
106-93-4	1,2-Dibromoethane	0.91	U	4.6	0.91	0.46
107-06-2	1,2-Dichloroethane	0.46	U	4.6	0.46	0.31
540-59-0	1,2-Dichloroethene, Total	0.91	U	9.1	0.91	0.70
78-87-5	1,2-Dichloropropane	0.91	U	4.6	0.91	0.63
78-93-3	2-Butanone (MEK)	3.2	J	18	1.8	1.3
591-78-6	2-Hexanone	0.91	U	18	0.91	0.57
108-10-1	4-Methyl-2-pentanone (MIBK)	0.91	U	18	0.91	0.49
67-64-1	Acetone	22	B	18	5.7	5.7
71-43-2	Benzene	0.46	U	4.6	0.46	0.21
74-97-5	Bromochloromethane	0.91	U	4.6	0.91	0.65
75-27-4	Bromodichloromethane	0.46	U	4.6	0.46	0.26
75-25-2	Bromoform	0.46	U	4.6	0.46	0.30
74-83-9	Bromomethane	0.91	U	4.6	0.91	0.49
75-15-0	Carbon disulfide	0.46	U	4.6	0.46	0.40
56-23-5	Carbon tetrachloride	0.46	U	4.6	0.46	0.34
108-90-7	Chlorobenzene	0.46	U	4.6	0.46	0.30
75-00-3	Chloroethane	0.91	U	4.6	0.91	0.78
67-66-3	Chloroform	0.46	U	4.6	0.46	0.26
74-87-3	Chloromethane	0.46	U	4.6	0.46	0.37
10061-01-5	cis-1,3-Dichloropropene	0.46	U	4.6	0.46	0.31
124-48-1	Dibromochloromethane	0.91	U	4.6	0.91	0.50
100-41-4	Ethylbenzene	0.46	U	4.6	0.46	0.24
1634-04-4	Methyl tert-butyl ether	0.46	U	4.6	0.46	0.39
75-09-2	Methylene Chloride	0.91	U	4.6	0.91	0.61
100-42-5	Styrene	0.46	U	4.6	0.46	0.14
127-18-4	Tetrachloroethene	0.91	U	4.6	0.91	0.47
108-88-3	Toluene	0.46	U	4.6	0.46	0.25
10061-02-6	trans-1,3-Dichloropropene	0.91	U	4.6	0.91	0.49
79-01-6	Trichloroethene	0.46	U	4.6	0.46	0.38
75-01-4	Vinyl chloride	0.46	U	4.6	0.46	0.36
1330-20-7	Xylenes, Total	1.4	U	9.1	1.4	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0033M-0001-SO Lab Sample ID: 240-17768-20

Matrix: Solid Lab File ID: 149431.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 16:45

Sample wt/vol: 6.503(g) Date Analyzed: 11/25/2012 18:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.7 Level: (low/med) Low

Analysis Batch No.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		61-130
460-00-4	4-Bromofluorobenzene (Surr)	89		85-120
1868-53-7	Dibromofluoromethane (Surr)	78		59-138
2037-26-5	Toluene-d8 (Surr)	87		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149431.D
Lims ID: 240-17768-B-20-A Client ID: 076SB-0033M-0001-SO
Inject. Date: 25-Nov-2012 18:36:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-20-a
Misc. Info.: 240-0015237-032 =240-0015237-032
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 31
Lims Batch ID: 66175 Lims Sample ID: 32
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:31:07

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2129916	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	1371361	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.0	97	673300	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	67	412294	38.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	92	621767	47.5	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1871056	43.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	598708	44.6	
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.145					
22 Acetone	43	3.264	3.252	0.012	97	94809	24.4	
26 Carbon disulfide	76		3.418					9
30 Methylene Chloride	84		3.879					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					
36 1,1-Dichloroethane	63		4.920					
42 cis-1,2-Dichloroethene	96		5.654					9
41 2-Butanone (MEK)	43	5.701	5.701	0.0	69	18045	3.46	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					9
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91		8.411					
73 trans-1,3-Dichloropropene	75		8.600					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.884					9
78 2-Hexanone	43		8.979					9
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106		9.713					
10 m-Xylene & p-Xylene	106		9.807					
85 o-Xylene	106		10.150					
86 Styrene	104		10.150					9
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
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

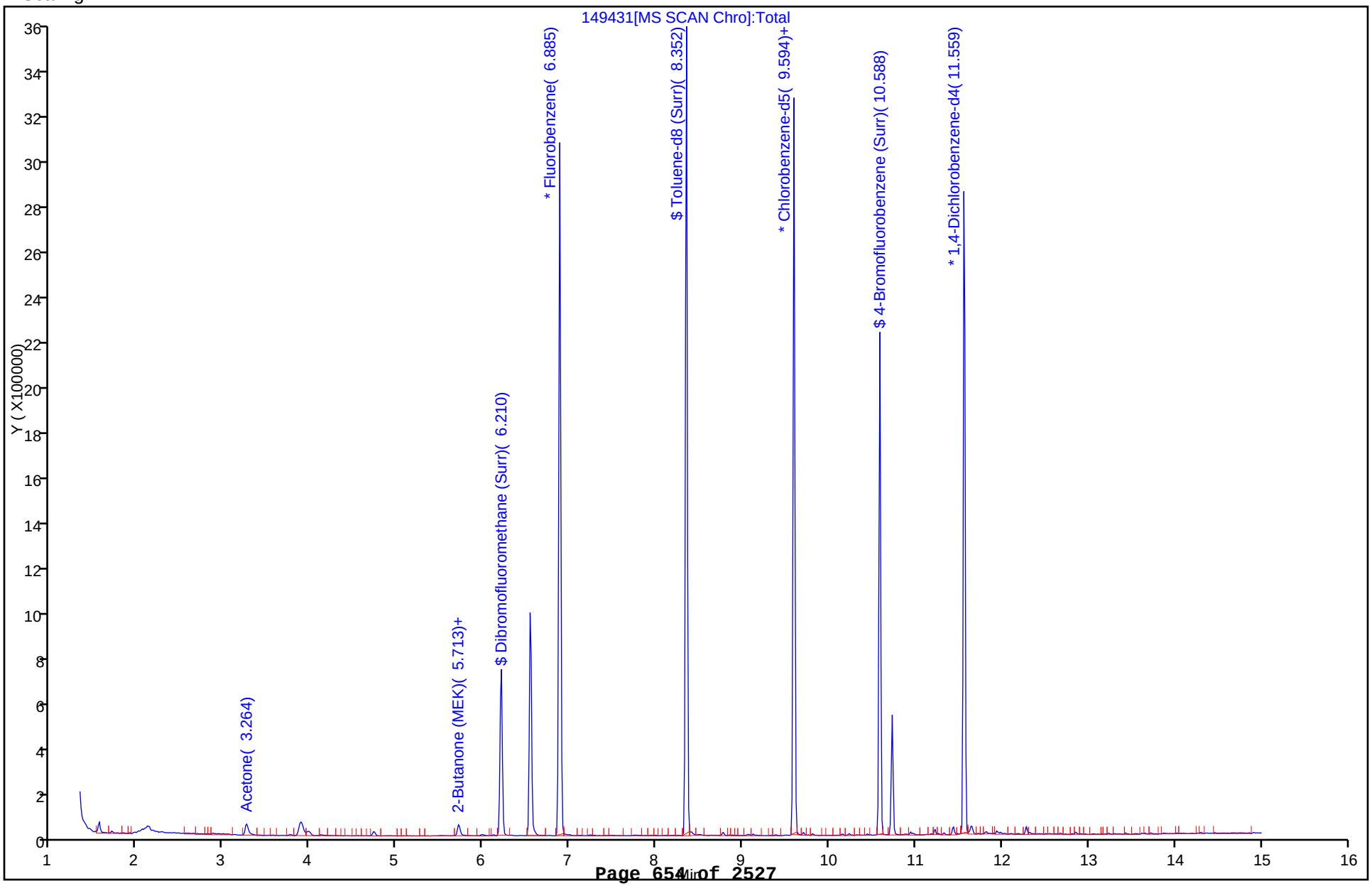
Report Date: 27-Nov-2012 11:12:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149431.D

Injection Date:	25-Nov-2012 18:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	32
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



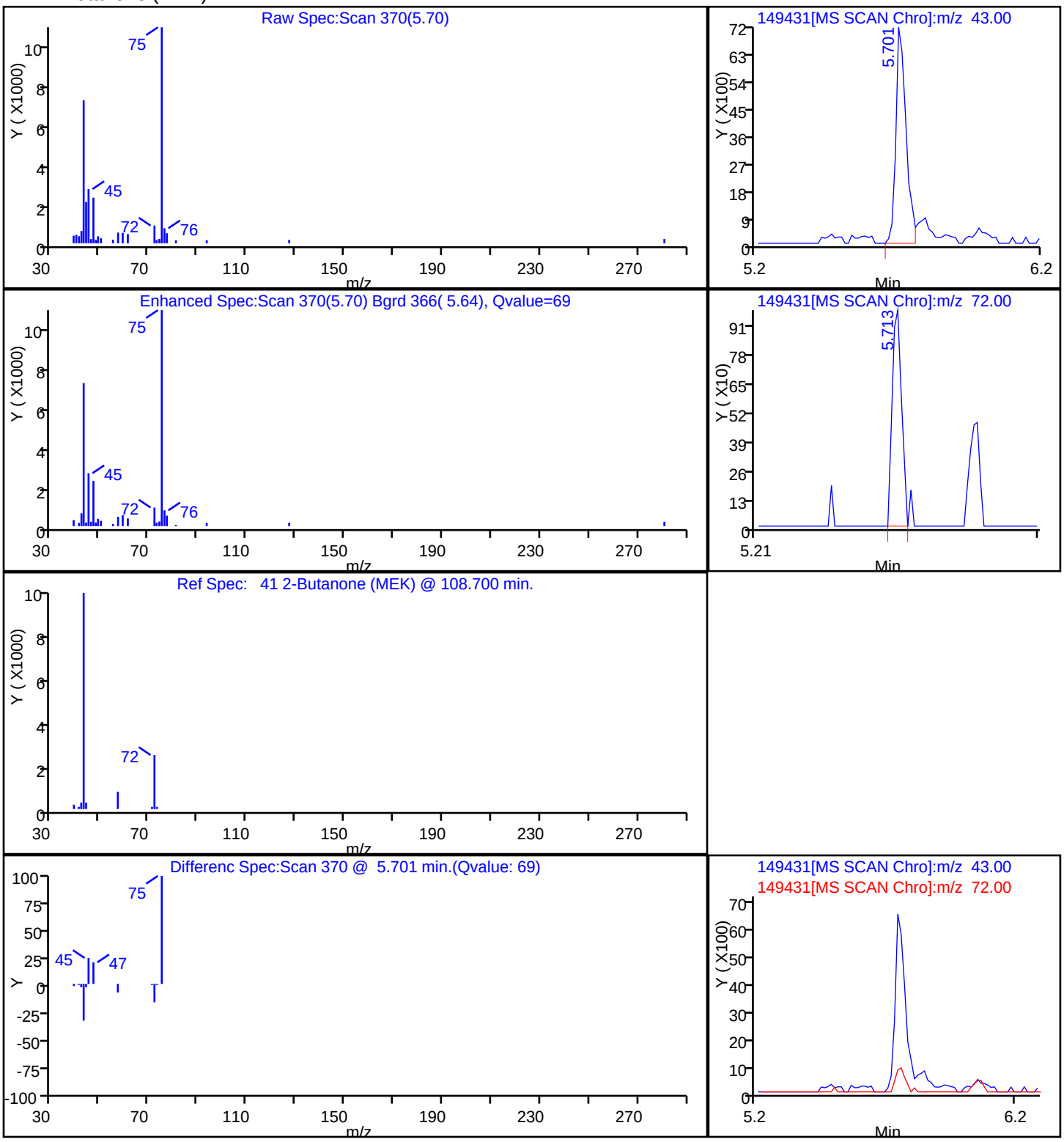
Report Date: 27-Nov-2012 11:12:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149431.D

Injection Date:	25-Nov-2012 18:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	32
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



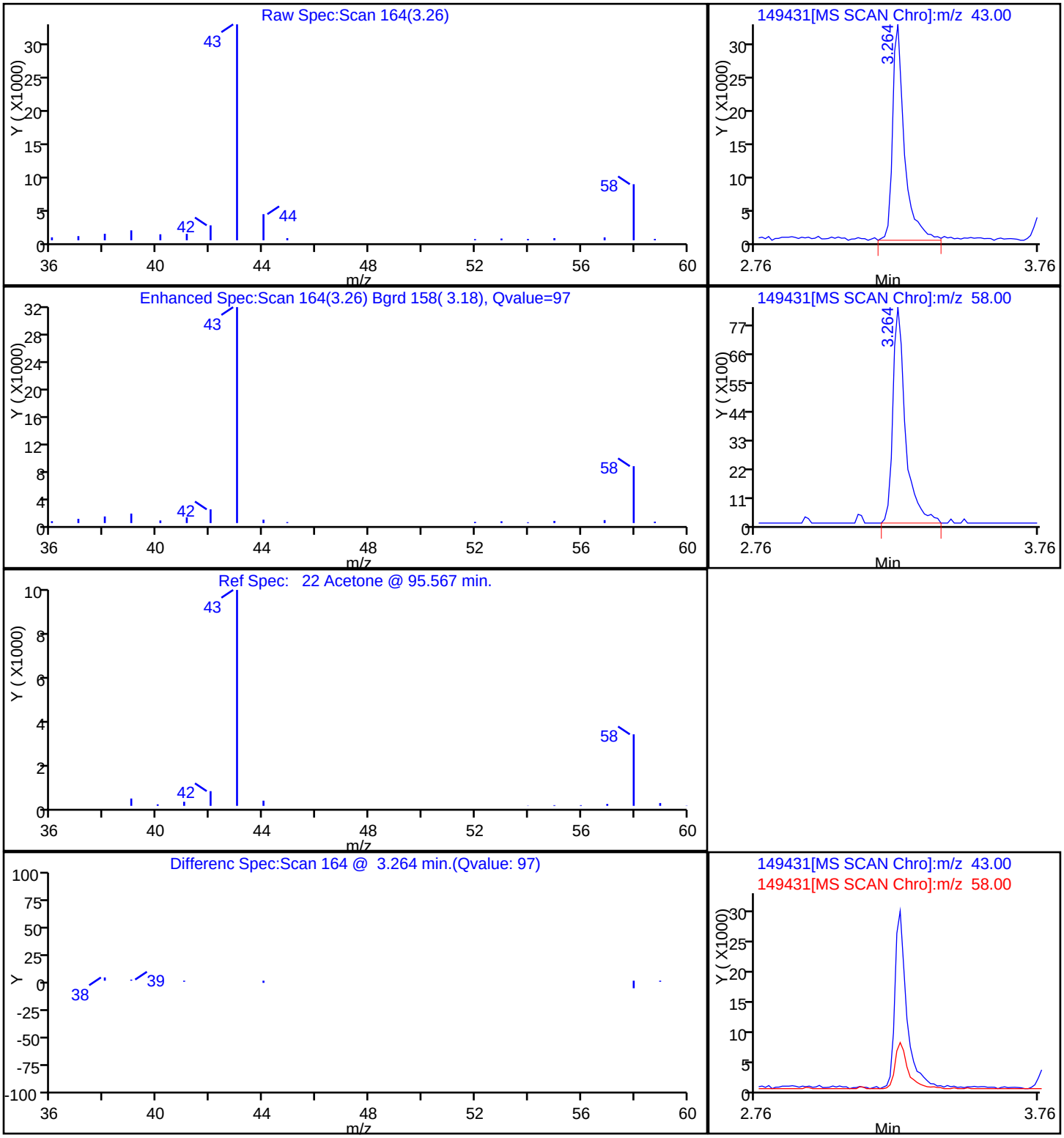
Report Date: 27-Nov-2012 11:12:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149431.D

Injection Date:	25-Nov-2012 18:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	32
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0034M-0001-SO | Lab Sample ID: 240-17768-21

Matrix: Solid | Lab File ID: 149442.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 17:00

Sample wt/vol: 5.26(g) | Date Analyzed: 11/26/2012 14:37

Soil Aliquot Vol: 100 (uL) | Dilution Factor: 1

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 21.9 | Level: (low/med) Medium

Analysis Batch No.: 66239 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	26	U	300	26	26
79-34-5	1,1,2,2-Tetrachloroethane	30	U	300	30	11
79-00-5	1,1,2-Trichloroethane	30	U	300	30	15
75-34-3	1,1-Dichloroethane	30	U	300	30	21
75-35-4	1,1-Dichloroethene	30	U	300	30	22
107-06-2	1,2-Dichloroethane	30	U	300	30	12
540-59-0	1,2-Dichloroethene, Total	10	U	610	10	10
78-87-5	1,2-Dichloropropane	12	U	300	12	10
78-93-3	2-Butanone (MEK)	120	U	1200	120	52
591-78-6	2-Hexanone	61	U	1200	61	24
108-10-1	4-Methyl-2-pentanone (MIBK)	120	U	1200	120	58
67-64-1	Acetone	240	U	1200	240	210
71-43-2	Benzene	30	U	300	30	15
75-25-2	Bromoform	30	U	300	30	23
74-83-9	Bromomethane	61	U	300	61	35
75-15-0	Carbon disulfide	30	U	300	30	15
56-23-5	Carbon tetrachloride	12	U	300	12	7.8
108-90-7	Chlorobenzene	12	U	300	12	7.8
74-87-3	Chloromethane	30	U	300	30	17
10061-01-5	cis-1,3-Dichloropropene	12	U	300	12	9.6
124-48-1	Dibromochloromethane	30	U	300	30	15
75-27-4	Bromodichloromethane	30	U	300	30	12
100-41-4	Ethylbenzene	12	U	300	12	6.6
1634-04-4	Methyl tert-butyl ether	12	U	300	12	8.6
75-09-2	Methylene Chloride	98	J	300	120	94
100-42-5	Styrene	12	U	300	12	6.8
127-18-4	Tetrachloroethene	30	U	300	30	15
108-88-3	Toluene	30	U	300	30	21
10061-02-6	trans-1,3-Dichloropropene	30	U	300	30	24
79-01-6	Trichloroethene	30	U	300	30	12
75-01-4	Vinyl chloride	30	U	300	30	22
1330-20-7	Xylenes, Total	37	U	610	37	9.9
67-66-3	Chloroform	30	U	300	30	11
74-97-5	Bromochloromethane	30	U	300	30	16
106-93-4	1,2-Dibromoethane	30	U	300	30	12
75-00-3	Chloroethane	120	U	300	120	74

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0034M-0001-SO Lab Sample ID: 240-17768-21

Matrix: Solid Lab File ID: 149442.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 17:00

Sample wt/vol: 5.26(g) Date Analyzed: 11/26/2012 14:37

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 21.9 Level: (low/med) Medium

Analysis Batch No.: 66239 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	73	Q	85-115
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		61-130
460-00-4	4-Bromofluorobenzene (Surr)	79	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	72		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149442.D
Lims ID: 240-17768-A-21-A Client ID: 076SB-0034M-0001-SO
Inject. Date: 26-Nov-2012 14:37:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-a-21-a
Misc. Info.: 240-0015258-009 =240-0015258-009
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 9
Lims Batch ID: 66239 Lims Sample ID: 9
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121126-15258.b\8260_14.m
Last Update: 27-Nov-2012 09:27:58 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 15:14:05

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2156268	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.595	-0.001	90	1338839	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.559	0.011	98	684397	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	72	384885	35.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	92	551086	41.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1531166	36.5	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.589	0.0	88	540448	39.5	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					9
22 Acetone	43		3.252					
26 Carbon disulfide	76		3.418					9
30 Methylene Chloride	84	3.879	3.879	0.0	86	56170	1.60	
33 trans-1,2-Dichloroethene	96		4.317					9
34 Methyl tert-butyl ether	73		4.353					
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.702					
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					9
62 1,2-Dichloropropane	63		7.453					9
67 Dichlorobromomethane	83		7.713					9
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					
72 Toluene	91		8.411					9
73 trans-1,3-Dichloropropene	75		8.601					9
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.885					9
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					9
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106		9.713					
10 m-Xylene & p-Xylene	106		9.808					9
85 o-Xylene	106		10.151					9
86 Styrene	104		10.151					9
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

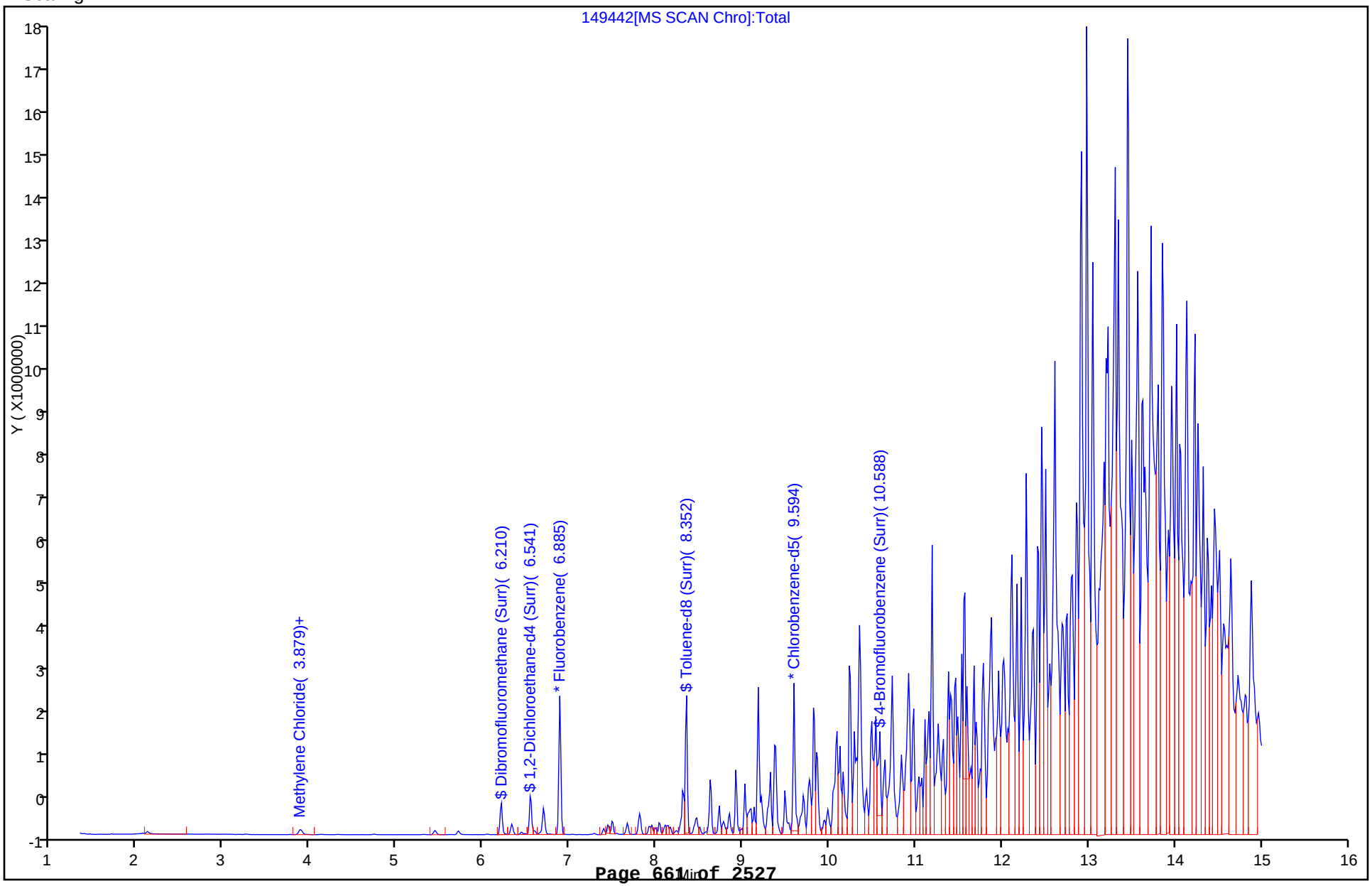
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 09:28:05 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121126-15258.b\149442.D		
Injection Date:	26-Nov-2012 14:37:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0034M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	9
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



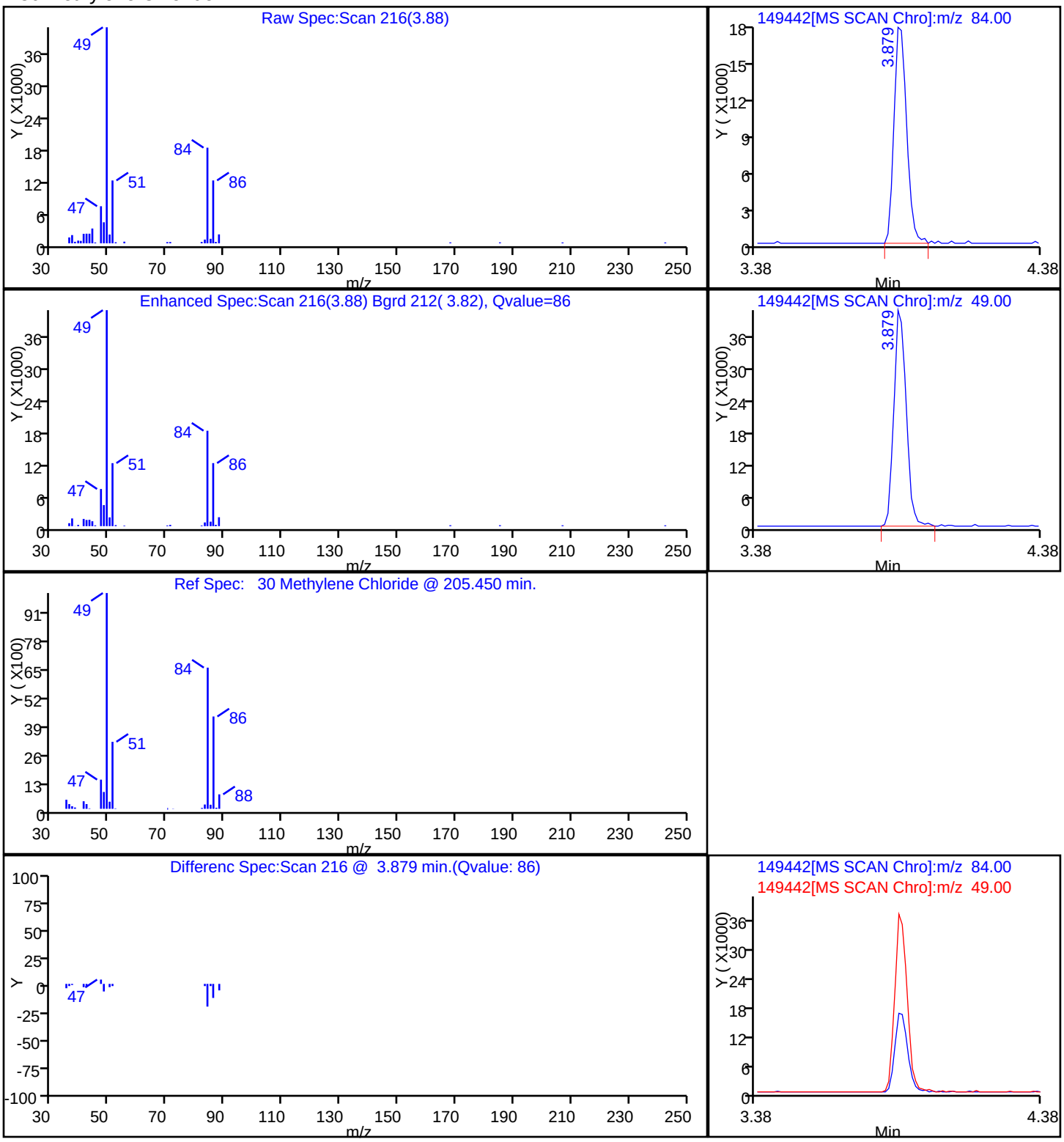
Report Date: 27-Nov-2012 09:28:05 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149442.D

Injection Date:	26-Nov-2012 14:37:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0034M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	9
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0035M-0001-SO | Lab Sample ID: 240-17768-22

Matrix: Solid | Lab File ID: 149448.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 17:30

Sample wt/vol: 6.288(g) | Date Analyzed: 11/26/2012 16:46

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.: 66239 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.91	U	4.5	0.91	0.51
79-34-5	1,1,2,2-Tetrachloroethane	0.45	U	4.5	0.45	0.31
79-00-5	1,1,2-Trichloroethane	0.45	U	4.5	0.45	0.35
75-34-3	1,1-Dichloroethane	0.45	U	4.5	0.45	0.33
75-35-4	1,1-Dichloroethene	0.91	U	4.5	0.91	0.47
106-93-4	1,2-Dibromoethane	0.91	U	4.5	0.91	0.45
107-06-2	1,2-Dichloroethane	0.45	U	4.5	0.45	0.31
540-59-0	1,2-Dichloroethene, Total	0.91	U	9.1	0.91	0.70
78-87-5	1,2-Dichloropropane	0.91	U	4.5	0.91	0.63
78-93-3	2-Butanone (MEK)	2.3	J	18	1.8	1.3
591-78-6	2-Hexanone	0.91	U	18	0.91	0.57
108-10-1	4-Methyl-2-pentanone (MIBK)	0.91	U	18	0.91	0.49
67-64-1	Acetone	19	B	18	5.7	5.7
71-43-2	Benzene	0.45	U	4.5	0.45	0.21
74-97-5	Bromochloromethane	0.91	U	4.5	0.91	0.64
75-27-4	Bromodichloromethane	0.45	U	4.5	0.45	0.25
75-25-2	Bromoform	0.45	U	4.5	0.45	0.30
74-83-9	Bromomethane	0.91	U	4.5	0.91	0.49
75-15-0	Carbon disulfide	2.7	J	4.5	0.45	0.40
56-23-5	Carbon tetrachloride	0.45	U	4.5	0.45	0.34
108-90-7	Chlorobenzene	0.45	U	4.5	0.45	0.30
75-00-3	Chloroethane	0.91	U	4.5	0.91	0.78
67-66-3	Chloroform	0.45	U	4.5	0.45	0.26
74-87-3	Chloromethane	0.45	U	4.5	0.45	0.37
10061-01-5	cis-1,3-Dichloropropene	0.45	U	4.5	0.45	0.31
124-48-1	Dibromochloromethane	0.91	U	4.5	0.91	0.50
100-41-4	Ethylbenzene	0.45	U	4.5	0.45	0.24
1634-04-4	Methyl tert-butyl ether	0.45	U	4.5	0.45	0.39
75-09-2	Methylene Chloride	0.91	U	4.5	0.91	0.61
100-42-5	Styrene	0.45	U	4.5	0.45	0.14
127-18-4	Tetrachloroethene	0.91	U	4.5	0.91	0.47
108-88-3	Toluene	0.45	U	4.5	0.45	0.25
10061-02-6	trans-1,3-Dichloropropene	0.91	U	4.5	0.91	0.49
79-01-6	Trichloroethene	0.45	U	4.5	0.45	0.38
75-01-4	Vinyl chloride	0.45	U	4.5	0.45	0.35
1330-20-7	Xylenes, Total	1.4	U	9.1	1.4	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0035M-0001-SO Lab Sample ID: 240-17768-22

Matrix: Solid Lab File ID: 149448.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 17:30

Sample wt/vol: 6.288(g) Date Analyzed: 11/26/2012 16:46

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.: 66239 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		61-130
460-00-4	4-Bromofluorobenzene (Surr)	88		85-120
1868-53-7	Dibromofluoromethane (Surr)	82		59-138
2037-26-5	Toluene-d8 (Surr)	88		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149448.D
Lims ID: 240-17768-B-22-A Client ID: 076SB-0035M-0001-SO
Inject. Date: 26-Nov-2012 16:46:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-22-a
Misc. Info.: 240-0015258-015 =240-0015258-015
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 15
Lims Batch ID: 66239 Lims Sample ID: 15
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121126-15258.b\8260_14.m
Last Update: 27-Nov-2012 09:27:58 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 27-Nov-2012 09:05:22

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2238055	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.595	-0.001	92	1340415	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.559	0.011	98	668598	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	59	454871	40.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	92	644197	46.8	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1838652	43.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.589	0.0	87	589544	44.2	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					
22 Acetone	43	3.264	3.252	0.012	98	88839	21.0	
26 Carbon disulfide	76	3.418	3.418	0.0	65	1616	2.95	
30 Methylene Chloride	84		3.879					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	61	5705	0.4435	
41 2-Butanone (MEK)	43	5.713	5.702	0.011	32	13917	2.54	
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130	7.240	7.240	0.0	79	3787	0.2880	
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					9
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					
72 Toluene	91		8.411					
73 trans-1,3-Dichloropropene	75		8.601					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164	8.884	8.885	-0.001	68	1356	0.1320	
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					9
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	37	910	0.0582	7
10 m-Xylene & p-Xylene	106		9.808					9
85 o-Xylene	106		10.151					9
86 Styrene	104		10.151					9
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					
S 11 1,2-Dichloroethene, Total	96				0		0.4435	
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

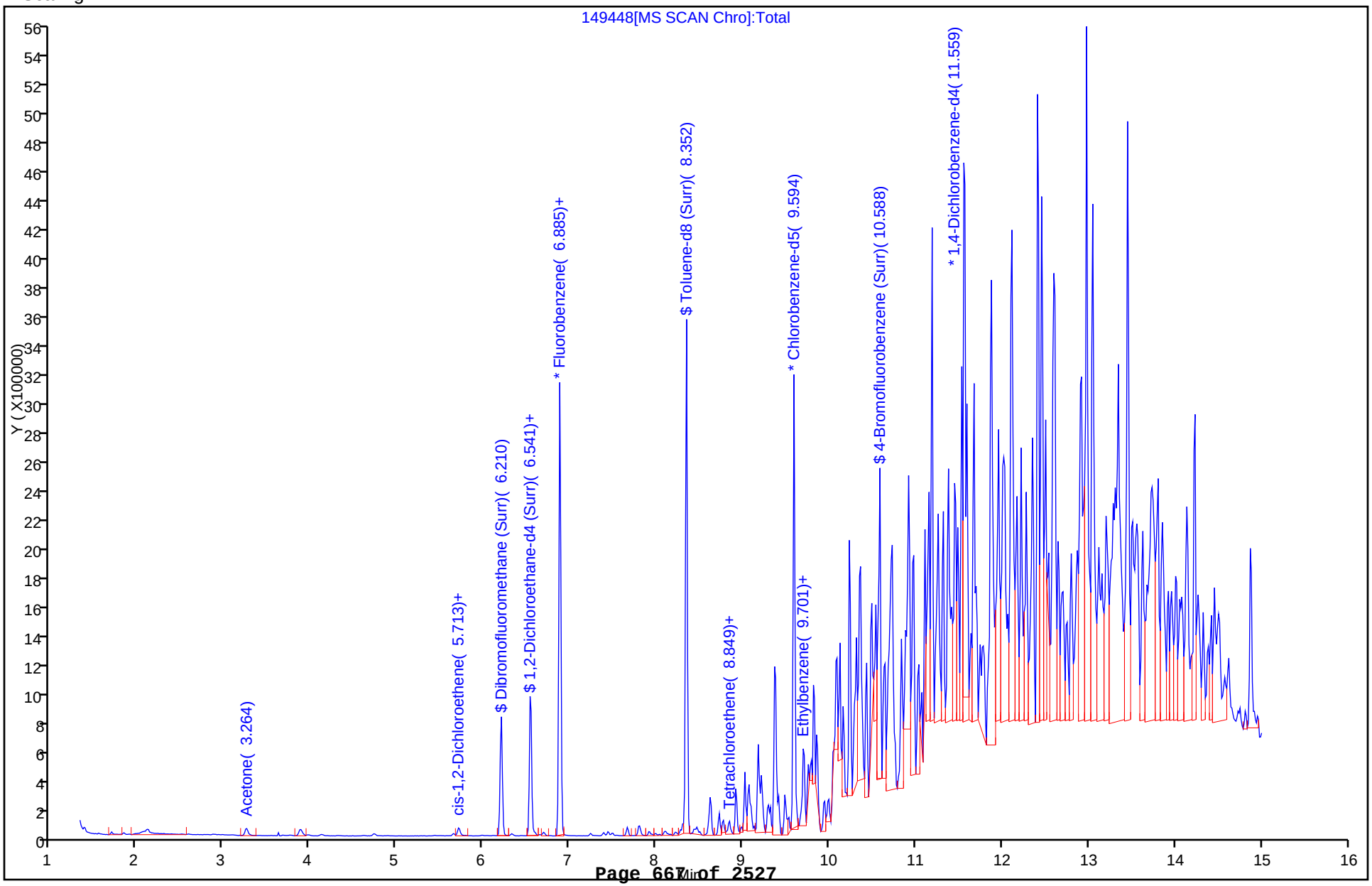
Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 09:28:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121126-15258.b\149448.D		
Injection Date:	26-Nov-2012 16:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	15
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



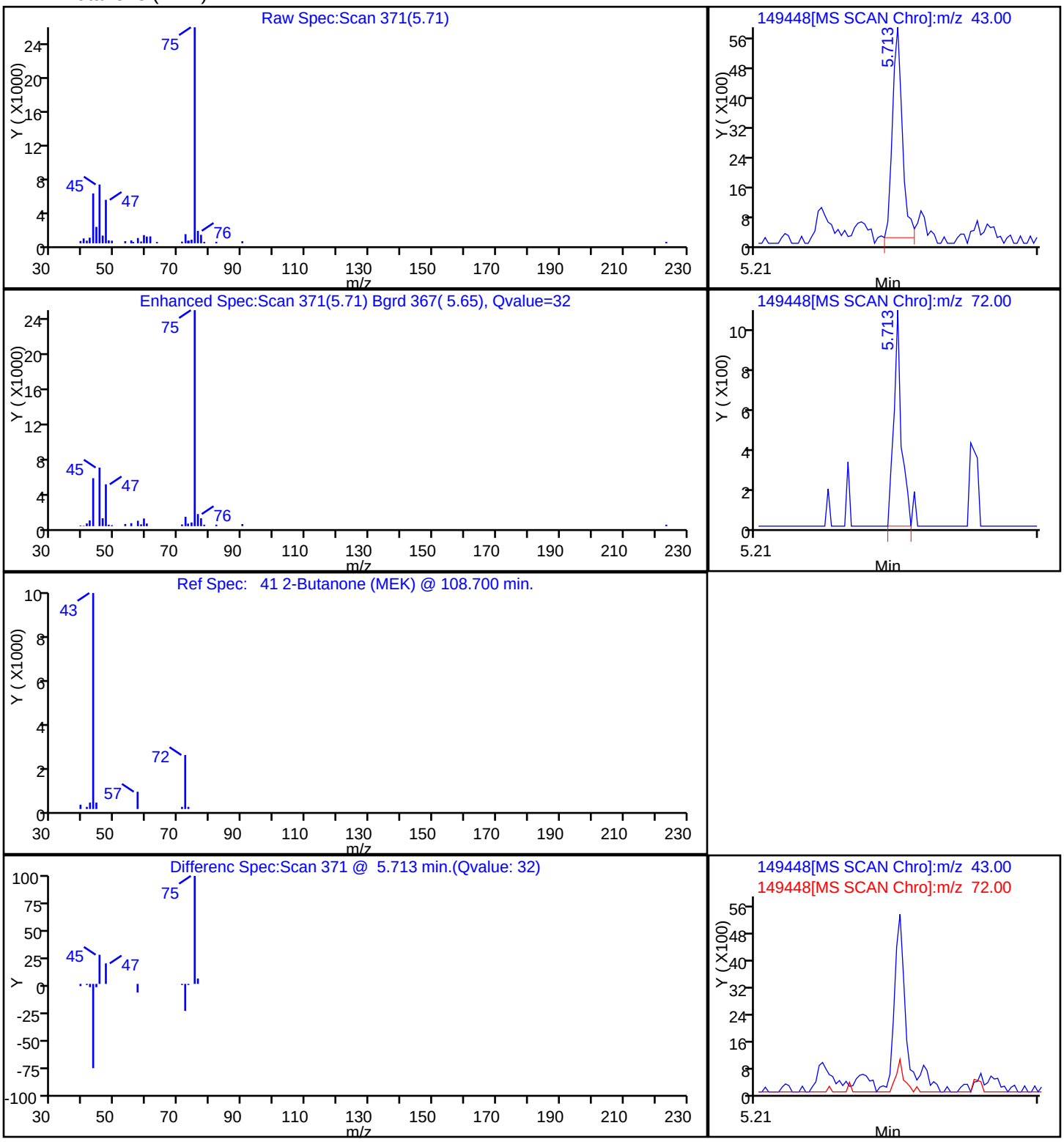
Report Date: 27-Nov-2012 09:28:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149448.D

Injection Date:	26-Nov-2012 16:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	15
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



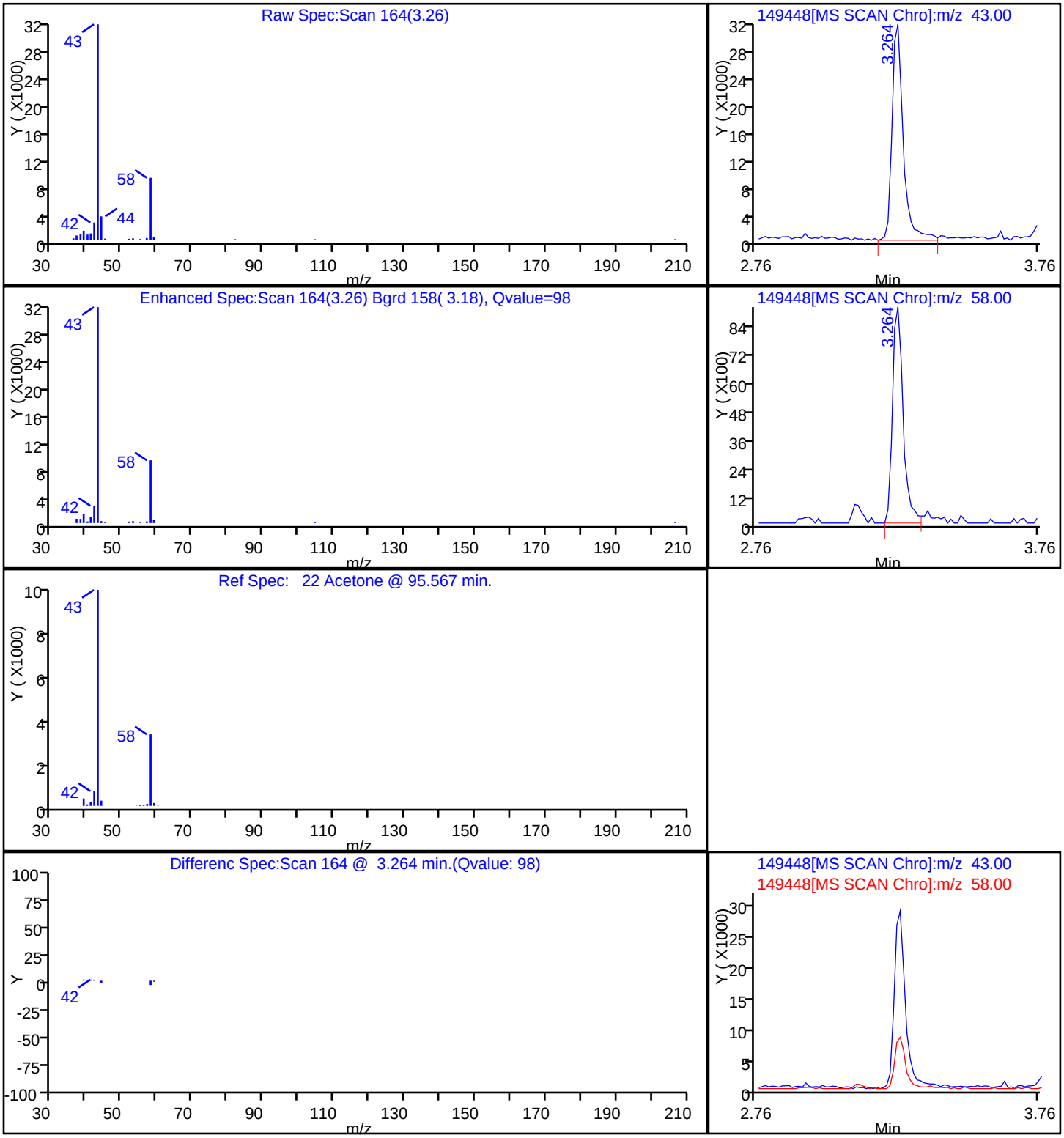
Report Date: 27-Nov-2012 09:28:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149448.D

Injection Date:	26-Nov-2012 16:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	15
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone

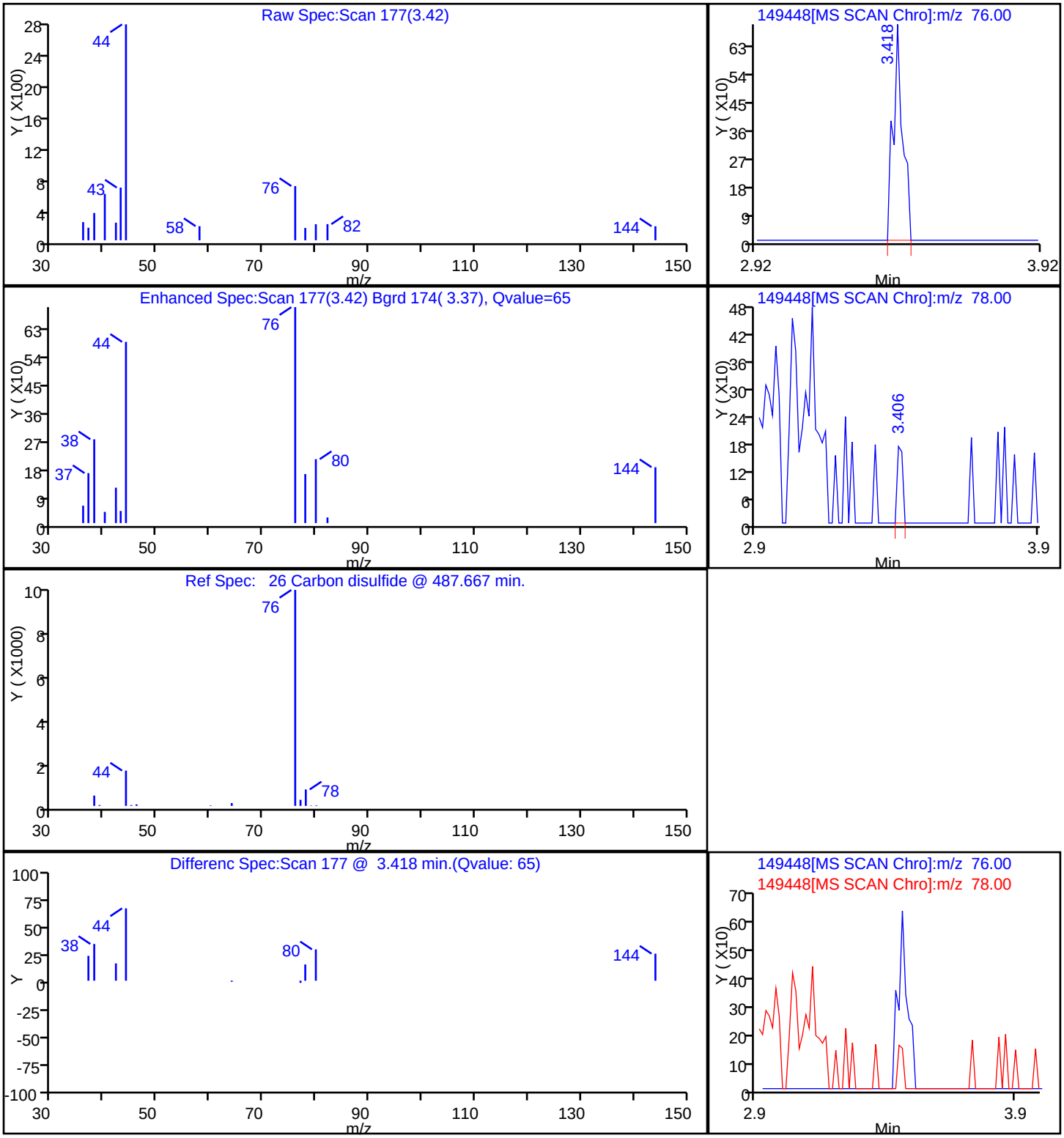


Report Date: 27-Nov-2012 09:28:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121126-15258.b\149448.D		
Injection Date:	26-Nov-2012 16:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	15
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0036M-0001-SO | Lab Sample ID: 240-17768-23

Matrix: Solid | Lab File ID: 149449.D

Analysis Method: 8260B/DoD | Date Collected: 11/14/2012 17:45

Sample wt/vol: 6.497(g) | Date Analyzed: 11/26/2012 17:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.9 | Level: (low/med) Low

Analysis Batch No.: 66239 | 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	0.44	U	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	0.56
108-10-1	4-Methyl-2-pentanone (MIBK)	0.88	U	18	0.88	0.48
67-64-1	Acetone	5.6	U	18	5.6	5.6
71-43-2	Benzene	0.44	U	4.4	0.44	0.20
74-97-5	Bromochloromethane	0.88	U	4.4	0.88	0.63
75-27-4	Bromodichloromethane	0.44	U	4.4	0.44	0.25
75-25-2	Bromoform	0.44	U	4.4	0.44	0.29
74-83-9	Bromomethane	0.88	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	0.49
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	0.88	U	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	0.44	U	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.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0036M-0001-SO Lab Sample ID: 240-17768-23

Matrix: Solid Lab File ID: 149449.D

Analysis Method: 8260B/DoD Date Collected: 11/14/2012 17:45

Sample wt/vol: 6.497(g) Date Analyzed: 11/26/2012 17:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.9 Level: (low/med) Low

Analysis Batch No.: 66239 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		61-130
460-00-4	4-Bromofluorobenzene (Surr)	93		85-120
1868-53-7	Dibromofluoromethane (Surr)	84		59-138
2037-26-5	Toluene-d8 (Surr)	94		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149449.D
Lims ID: 240-17768-B-23-A Client ID: 076SB-0036M-0001-SO
Inject. Date: 26-Nov-2012 17:08:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17768-b-23-a
Misc. Info.: 240-0015258-016 =240-0015258-016
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 16
Lims Batch ID: 66239 Lims Sample ID: 16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121126-15258.b\8260_14.m
Last Update: 27-Nov-2012 09:27:58 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 27-Nov-2012 09:05:38

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2206829	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.595	-0.001	97	1310174	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.559	0.012	98	612981	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	68	461252	42.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	653136	48.2	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1918950	47.0	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.589	0.0	90	566578	46.4	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					
22 Acetone	43	3.252	3.252	0.0	99	34778	4.42	
26 Carbon disulfide	76		3.418					9
30 Methylene Chloride	84		3.879					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96		5.654					9
41 2-Butanone (MEK)	43		5.702					
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					9
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					
72 Toluene	91	8.411	8.411	0.0	70	6710	0.1482	
73 trans-1,3-Dichloropropene	75		8.601					9
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.885					9
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	63	2143	0.1403	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	85	4313	0.2312	
85 o-Xylene	106		10.151					
86 Styrene	104		10.151					
87 Bromoform	173		10.316					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.2312	

QC Flag Legend

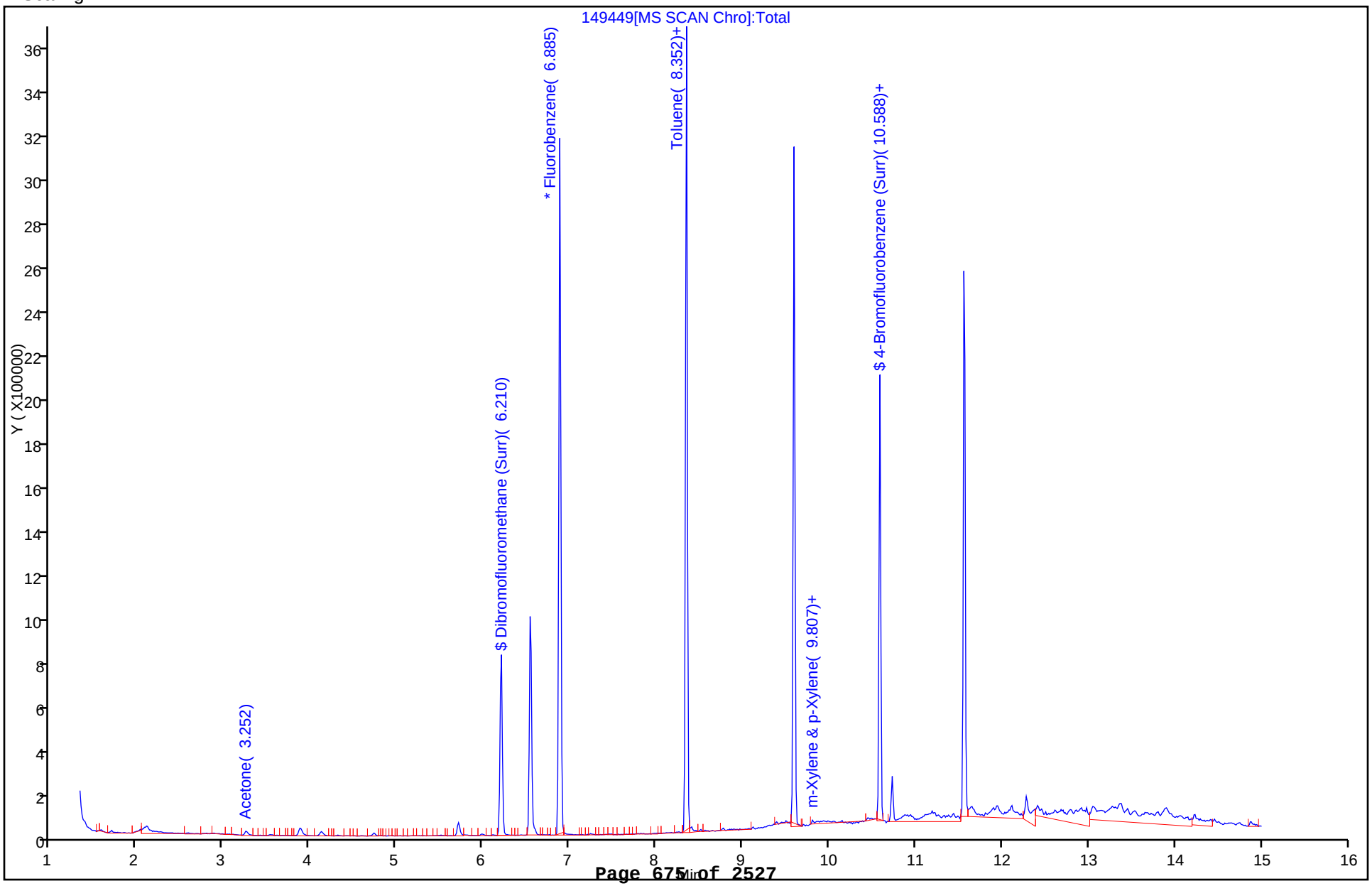
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 09:28:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121126-15258.b\149449.D		
Injection Date:	26-Nov-2012 17:08:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SB-0036M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	16
Operator ID:	002808	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.: 240-17768-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-64678/7	UXX0851.D
Level 2	STD8260 240-64678/6	UXX0850.D
Level 3	STD8260 240-64678/5	UXX0849.D
Level 4	STD8260 240-64678/4	UXX0848.D
Level 5	STD8260 240-64678/3	UXX0847.D
Level 6	STD8260 240-64678/2	UXX0846.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	0.1989 0.2041	0.2025	0.1993	0.2061	0.1849	Ave		0.1993			0.1000	3.8		15.0			
Chloromethane	0.4442 0.3339	0.4489	0.3848	0.3484	0.3457	Ave		0.3843			0.1000	13.0		15.0			
Vinyl chloride	0.3144 0.2884	0.3231	0.3099	0.3010	0.2881	Ave		0.3042			0.1000	4.7		15.0			
Bromomethane	0.1621 0.1324	0.1622	0.1367	0.1309	0.1294	Ave		0.1423			0.0500	11.0		15.0			
Chloroethane	0.1612 0.1409	0.1694	0.1398	0.1352	0.1359	Ave		0.1471				9.9		15.0			
Trichlorofluoromethane	0.2188 0.2421	0.2204	0.2101	0.2221	0.2114	Ave		0.2208			0.1000	5.2		15.0			
Acrolein	0.0374 0.0346	0.0355	0.0342	0.0356	0.0352	Ave		0.0354				3.2		15.0			
1,1-Dichloroethene	0.2563 0.2519	0.2432	0.2412	0.2414	0.2340	Ave		0.2447			0.1000	3.3		15.0			
Acetone	0.1289 0.0702	0.0998	0.0933	0.0815	0.0776	Lin1	0.1304	0.0715			0.0500				0.9960		0.9950
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1806 0.1919	0.1893	0.1835	0.1920	0.1745	Ave		0.1853			0.0500	3.8		15.0			
Iodomethane	0.4406 0.3945	0.4633	0.4182	0.3914	0.3897	Ave		0.4163				7.3		15.0			
Carbon disulfide	0.7843 0.8231	0.7867	0.7688	0.7446	0.7488	Ave		0.7761			0.1000	3.7		15.0			
Acetonitrile	0.0376 0.0238	0.0345	0.0320	0.0298	0.0275	Qua	0.0892	0.0306	0						1.0000		0.9900
Methyl acetate	0.2579 0.2103	0.2481	0.2370	0.2264	0.2231	Ave		0.2338			0.1000	7.5		15.0			
Methylene Chloride	0.4165 0.3189	0.3801	0.3325	0.3090	0.3137	Ave		0.3451			0.1000	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.: 240-17768-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

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	0.0231 0.0151	0.0220	0.0209	0.0203	0.0198	Ave		0.0202				14.0		15.0			
Acrylonitrile	0.1223 0.1112	0.1158	0.1213	0.1164	0.1163	Ave		0.1172				3.5		15.0			
Methyl tert-butyl ether	0.8827 0.8678	0.8781	0.8738	0.8392	0.8830	Ave		0.8708			0.1000	1.9		15.0			
trans-1,2-Dichloroethene	0.3020 0.3064	0.3058	0.3007	0.2902	0.2935	Ave		0.2998			0.1000	2.2		15.0			
Hexane	0.0438 0.0532	0.0514	0.0432	0.0507	0.0446	Ave		0.0478				9.3		15.0			
1,1-Dichloroethane	0.5407 0.5150	0.5261	0.5080	0.4741	0.5029	Ave		0.5111			0.1000	4.4		15.0			
Vinyl acetate	0.0478 0.0588	0.0484	0.0506	0.0555	0.0571	Ave		0.0530				8.9		15.0			
2-Butanone (MEK)	0.1466 0.1153	0.1377	0.1344	0.1292	0.1249	Ave		0.1314			0.0500	8.2		15.0			
cis-1,2-Dichloroethene	0.3434 0.3406	0.3378	0.3321	0.3149	0.3313	Ave		0.3334			0.1000	3.1		15.0			
2,2-Dichloropropane	0.2985 0.3018	0.2994	0.2904	0.2816	0.2841	Ave		0.2926				2.9		15.0			
Bromochloromethane	0.1745 0.1603	0.1650	0.1579	0.1524	0.1600	Ave		0.1617				4.6		15.0			
Tetrahydrofuran	0.1623 0.0770	0.1268	0.1019	0.0945	0.0906	Qua	0.0510	0.0977	-0.001						1.0000		0.9900
Chloroform	0.5382 0.5104	0.5344	0.5141	0.4847	0.5051	Ave		0.5145				3.8		15.0			
1,1,1-Trichloroethane	0.3435 0.3635	0.3603	0.3531	0.3495	0.3459	Ave		0.3526			0.1000	2.3		15.0			
Cyclohexane	0.3924 0.4297	0.3928	0.3828	0.4176	0.3822	Ave		0.3996			0.1000	4.9		15.0			
1,1-Dichloropropene	0.3666 0.3817	0.3585	0.3484	0.3567	0.3593	Ave		0.3619				3.1		15.0			
Carbon tetrachloride	0.2800 0.2944	0.2895	0.2827	0.2798	0.2804	Ave		0.2845			0.1000	2.1		15.0			
1,2-Dichloroethane	0.3753 0.3636	0.3888	0.3748	0.3532	0.3679	Ave		0.3706			0.1000	3.3		15.0			
Benzene	1.3377 1.2769	1.2734	1.2459	1.1756	1.2375	Ave		1.2578			0.5000	4.3		15.0			
Trichloroethene	0.3319 0.3129	0.3175	0.3008	0.2936	0.3049	Ave		0.3103			0.2000	4.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17768-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

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	0.2943 0.2967	0.2997	0.2914	0.2787	0.2906	Ave		0.2919			0.1000	2.5		15.0			
Methylcyclohexane	0.3048 0.3820	0.3122	0.3088	0.3523	0.3165	Ave		0.3294			0.1000	9.4		15.0			
Dibromomethane	0.1719 0.1654	0.1776	0.1687	0.1613	0.1693	Ave		0.1691				3.3		15.0			
1,4-Dioxane	0.0032 0.0019	0.0035	0.0031	0.0032	0.0028	Qua	-0.045	0.0037	0						0.9990		0.9900
Bromodichloromethane	0.3305 0.3666	0.3535	0.3408	0.3314	0.3579	Ave		0.3468			0.1000	4.3		15.0			
2-Chloroethyl vinyl ether	0.1453 0.1796	0.1517	0.1668	0.1668	0.1838	Ave		0.1657				9.1		15.0			
cis-1,3-Dichloropropene	0.3841 0.4756	0.4149	0.4156	0.4175	0.4608	Ave		0.4281			0.1500	7.9		15.0			
4-Methyl-2-pentanone (MIBK)	0.2502 0.2431	0.2520	0.2578	0.2546	0.2644	Ave		0.2537			0.0500	2.8		15.0			
Toluene	1.8664 1.9630	1.9065	1.8992	1.8001	1.8781	Ave		1.8855			0.4000	2.8		15.0			
trans-1,3-Dichloropropene	0.4843 0.5851	0.5120	0.5214	0.5271	0.5752	Ave		0.5342			0.1000	7.2		15.0			
Ethyl methacrylate	0.4175 0.5248	0.4537	0.4976	0.5155	0.5358	Ave		0.4908				9.4		15.0			
1,1,2-Trichloroethane	0.3965 0.3639	0.3986	0.3947	0.3693	0.3697	Ave		0.3821			0.1000	4.2		15.0			
1,3-Dichloropropane	0.6981 0.6579	0.7006	0.6719	0.6455	0.6646	Ave		0.6731				3.3		15.0			
Tetrachloroethene	0.3597 0.3421	0.3494	0.3394	0.3274	0.3239	Ave		0.3403			0.2000	3.9		15.0			
2-Hexanone	0.2126 0.2211	0.2276	0.2441	0.2370	0.2427	Ave		0.2308			0.0500	5.5		15.0			
Dibromochloromethane	0.3322 0.4007	0.3628	0.3736	0.3663	0.3888	Ave		0.3707				6.4		15.0			
1,2-Dibromoethane	0.3784 0.3620	0.3712	0.3747	0.3568	0.3796	Ave		0.3704				2.5		15.0			
Chlorobenzene	1.2245 1.2162	1.1857	1.2088	1.1348	1.1884	Ave		1.1931			0.3000	2.7		15.0			
1,1,1,2-Tetrachloroethane	0.4228 0.4179	0.4074	0.4195	0.3970	0.4190	Ave		0.4139				2.4		15.0			
Ethylbenzene	0.5412 0.6396	0.5736	0.6094	0.5997	0.6150	Ave		0.5964				5.8		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 CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17768-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

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	0.6972 0.8248	0.7263	0.7597	0.7488	0.7812	Ave		0.7563				5.8		15.0			
o-Xylene	0.6828 0.7903	0.7132	0.7597	0.7334	0.7722	Ave		0.7419				5.4		15.0			
Styrene	1.0085 1.3633	1.0896	1.1898	1.1917	1.3011	Ave		1.1907			0.3000	11.0		15.0			
Bromoform	0.2037 0.2410	0.2123	0.2232	0.2246	0.2417	Ave		0.2244			0.1000	6.8		15.0			
Isopropylbenzene	1.5016 1.8634	1.5874	1.6652	1.6598	1.7248	Ave		1.6670			0.1000	7.4		15.0			
1,1,2,2-Tetrachloroethane	0.9993 0.8703	0.9692	0.9229	0.9160	0.9142	Ave		0.9320			0.3000	4.9		15.0			
Bromobenzene	0.9066 0.9891	0.9305	0.9192	0.9074	0.9325	Ave		0.9309				3.3		15.0			
1,2,3-Trichloropropane	0.3141 0.2807	0.3294	0.2942	0.2917	0.2971	Ave		0.3012				5.8		15.0			
trans-1,4-Dichloro-2-butene	0.1535 0.2176	0.1449	0.1624	0.1859	0.1964	Lin1	-0.107	0.2101							0.9950		0.9950
N-Propylbenzene	0.7428 0.9160	0.8241	0.8091	0.8068	0.8366	Ave		0.8226				6.8		15.0			
2-Chlorotoluene	0.7886 0.8627	0.8575	0.8175	0.7989	0.8347	Ave		0.8267				3.7		15.0			
1,3,5-Trimethylbenzene	2.3054 2.8184	2.4085	2.5167	2.5446	2.6165	Ave		2.5350				7.0		15.0			
4-Chlorotoluene	0.8271 0.9287	0.9160	0.8864	0.8522	0.8747	Ave		0.8808				4.3		15.0			
tert-Butylbenzene	1.8150 2.4805	2.0046	2.0255	2.0722	2.0913	Ave		2.0815				11.0		15.0			
1,2,4-Trimethylbenzene	2.3225 2.8553	2.5618	2.6034	2.6596	2.7260	Ave		2.6214				6.8		15.0			
sec-Butylbenzene	2.4876 2.9246	2.5564	2.5936	2.6735	2.6770	Ave		2.6521				5.7		15.0			
1,3-Dichlorobenzene	1.7689 1.6631	1.7710	1.6117	1.5728	1.6251	Ave		1.6688			0.6000	5.0		15.0			
4-Isopropyltoluene	1.9274 2.4835	2.1614	2.2101	2.2659	2.3252	Ave		2.2289				8.3		15.0			
1,4-Dichlorobenzene	1.9138 1.7559	1.9110	1.7950	1.6808	1.7314	Ave		1.7980			0.5000	5.3		15.0			
n-Butylbenzene	1.5952 1.9531	1.7170	1.7201	1.8049	1.7969	Ave		1.7645				6.8		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 CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17768-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

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	1.7369 1.5919	1.7869	1.6727	1.5983	1.6348	Ave		1.6702			0.4000	4.7		15.0			
1,2-Dibromo-3-Chloropropane	0.1560 0.1265	0.1750	0.1482	0.1702	0.1674	Ave		0.1572			0.0500	11.0		15.0			
1,3,5-Trichlorobenzene	1.0120 0.7612	1.0543	0.9110	0.9328	0.9131	Ave		0.9307				11.0		15.0			
1,2,4-Trichlorobenzene	0.8797 0.6225	0.9696	0.8584	0.9081	0.8514	Ave		0.8483			0.2000	14.0		15.0			
Hexachlorobutadiene	0.4057 0.1875	0.4181	0.3466	0.3516	0.2693	Qua	0.1206	0.3580	-0.004						0.9980		0.9900
Naphthalene	2.3166 +++++	2.7051	2.4216	2.8654	2.6168	Ave		2.5851				8.5		15.0			
1,2,3-Trichlorobenzene	0.9662 +++++	1.0400	0.8872	0.9193	0.7679	Ave		0.9161				11.0		15.0			
Dibromofluoromethane (Surr)	0.2741 0.2764	0.2745	0.2863	0.2620	0.2701	Ave		0.2739				2.9		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3189 0.3200	0.3315	0.3353	0.3006	0.3252	Ave		0.3219				3.8		15.0			
Toluene-d8 (Surr)	1.5102 1.6599	1.5163	1.6282	1.5503	1.5788	Ave		1.5740				3.8		15.0			
4-Bromofluorobenzene (Surr)	0.5032 0.5358	0.5103	0.5387	0.5055	0.5296	Ave		0.5205				3.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17768-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-64678/7	UXX0851.D
Level 2	STD8260 240-64678/6	UXX0850.D
Level 3	STD8260 240-64678/5	UXX0849.D
Level 4	STD8260 240-64678/4	UXX0848.D
Level 5	STD8260 240-64678/3	UXX0847.D
Level 6	STD8260 240-64678/2	UXX0846.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	34671 1517107	70486	177301	373185	669856	1.00 40.0	2.00	5.00	10.0	20.0
Chloromethane	FB	Ave	77442 2482208	156281	342304	630854	1252314	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl chloride	FB	Ave	54815 2144335	112499	275699	545008	1043756	1.00 40.0	2.00	5.00	10.0	20.0
Bromomethane	FB	Ave	28264 983996	56470	121597	236981	468904	1.00 40.0	2.00	5.00	10.0	20.0
Chloroethane	FB	Ave	28099 1047754	58980	124356	244780	492362	1.00 40.0	2.00	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	38147 1799625	76738	186904	402134	765812	1.00 40.0	2.00	5.00	10.0	20.0
Acrolein	FB	Ave	65268 2570338	123569	304469	644261	1273557	10.0 400	20.0	50.0	100	200
1,1-Dichloroethene	FB	Ave	44690 1872976	84658	214549	437052	847885	1.00 40.0	2.00	5.00	10.0	20.0
Acetone	FB	Lin1	44960 1043547	69478	166058	295160	562559	2.00 80.0	4.00	10.0	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	31497 1426944	65909	163255	347682	632122	1.00 40.0	2.00	5.00	10.0	20.0
Iodomethane	FB	Ave	76830 2933107	161277	372028	708810	1411863	1.00 40.0	2.00	5.00	10.0	20.0
Carbon disulfide	FB	Ave	136745 6119513	273875	683913	1348377	2713083	1.00 40.0	2.00	5.00	10.0	20.0
Acetonitrile	FB	Qua	65625 1767771	120215	284821	538745	994750	10.0 400	20.0	50.0	100	200
Methyl acetate	FB	Ave	89933 3126431	172767	421663	819857	1616797	2.00 80.0	4.00	10.0	20.0	40.0
Methylene Chloride	FB	Ave	72627 2370613	132313	295754	559579	1136559	1.00 40.0	2.00	5.00	10.0	20.0
2-Methyl-2-propanol	FB	Ave	80525 2241645	153465	372177	736635	1437321	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.: 240-17768-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

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	42638 1653968	80637	215874	421506	842773	2.00 80.0	4.00	10.0	20.0	40.0
Methyl tert-butyl ether	FB	Ave	153912 6451424	305714	777265	1519712	3199056	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	52663 2277605	106452	267462	525590	1063185	1.00 40.0	2.00	5.00	10.0	20.0
Hexane	FB	Ave	7645 395795	17904	38466	91773	161419	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloroethane	FB	Ave	94279 3828847	183164	451913	858573	1821871	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl acetate	FB	Ave	8334 437314	16843	44995	100425	206976	1.00 40.0	2.00	5.00	10.0	20.0
2-Butanone (MEK)	FB	Ave	51121 1714375	95911	239039	468043	904760	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	59877 2532393	117608	295440	570139	1200218	1.00 40.0	2.00	5.00	10.0	20.0
2,2-Dichloropropane	FB	Ave	52041 2243724	104223	258332	509922	1029269	1.00 40.0	2.00	5.00	10.0	20.0
Bromochloromethane	FB	Ave	30419 1191655	57430	140473	275976	579619	1.00 40.0	2.00	5.00	10.0	20.0
Tetrahydrofuran	FB	Qua	28303 572725	44131	90634	171197	328102	1.00 40.0	2.00	5.00	10.0	20.0
Chloroform	FB	Ave	93846 3794429	186053	457349	877735	1830142	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	59884 2702490	125449	314125	632967	1253228	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexane	FB	Ave	68421 3194526	136757	340535	756268	1384706	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloropropene	FB	Ave	63924 2837459	124802	309947	645899	1301656	1.00 40.0	2.00	5.00	10.0	20.0
Carbon tetrachloride	FB	Ave	48821 2188730	100798	251500	506633	1015979	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane	FB	Ave	65431 2702867	135372	333387	639567	1332741	1.00 40.0	2.00	5.00	10.0	20.0
Benzene	FB	Ave	233228 9493368	443302	1108291	2128801	4483517	1.00 40.0	2.00	5.00	10.0	20.0
Trichloroethene	FB	Ave	57861 2326533	110526	267568	531723	1104556	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloropropane	FB	Ave	51313 2205915	104320	259174	504756	1052699	1.00 40.0	2.00	5.00	10.0	20.0
Methylcyclohexane	FB	Ave	53144 2839694	108692	274651	637965	1146512	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.: 240-17768-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

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	29978 1229677	61839	150074	292142	613551	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dioxane	FB	Qua	27535 720574	60682	137374	288501	512220	50.0 2000	100	250	500	1000
Bromodichloromethane	FB	Ave	57623 2725858	123061	303148	600098	1296764	1.00 40.0	2.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	50671 2670875	105614	296796	604141	1331531	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	66977 3536095	144437	369728	755964	1669482	1.00 40.0	2.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	87243 3614614	175491	458647	922094	1915881	2.00 80.0	4.00	10.0	20.0	40.0
Toluene	CBZ	Ave	217546 10274925	451655	1132310	2241611	4790661	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Ave	56453 3062643	121296	310855	656429	1467254	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Ave	48665 2746746	107493	296669	641991	1366660	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	46213 1904687	94427	235302	459854	943086	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	81372 3443790	165969	400610	803827	1695247	1.00 40.0	2.00	5.00	10.0	20.0
Tetrachloroethene	CBZ	Ave	41923 1790634	82786	202364	407744	826165	1.00 40.0	2.00	5.00	10.0	20.0
2-Hexanone	CBZ	Ave	49559 2314236	107859	291062	590164	1237996	2.00 80.0	4.00	10.0	20.0	40.0
Dibromochloromethane	CBZ	Ave	38720 2097297	85958	222734	456198	991725	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromoethane	CBZ	Ave	44106 1895026	87936	223365	444348	968223	1.00 40.0	2.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	142728 6365963	280902	720708	1413092	3031433	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	49287 2187416	96510	250128	494391	1068740	1.00 40.0	2.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	63081 3347620	135894	363350	746753	1568837	1.00 40.0	2.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	162535 8634865	344119	905853	1864879	3985489	2.00 80.0	4.00	10.0	20.0	40.0
o-Xylene	CBZ	Ave	79587 4136461	168969	452959	913272	1969700	1.00 40.0	2.00	5.00	10.0	20.0
Styrene	CBZ	Ave	117552 7135888	258133	709345	1484029	3318900	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.: 240-17768-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

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	23746 1261483	50285	133051	279702	616561	1.00 40.0	2.00	5.00	10.0	20.0
Isopropylbenzene	CBZ	Ave	175027 9753706	376054	992795	2066828	4399760	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	59590 2260530	119752	294932	599230	1229157	1.00 40.0	2.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	54065 2569216	114972	293754	593639	1253824	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	18732 729085	40695	94024	190863	399459	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Lin1	9151 565293	17898	51883	121595	264109	1.00 40.0	2.00	5.00	10.0	20.0
N-Propylbenzene	DCB	Ave	44296 2379317	101816	258545	527842	1124810	1.00 40.0	2.00	5.00	10.0	20.0
2-Chlorotoluene	DCB	Ave	47028 2240856	105949	261247	522662	1122340	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	137475 7320946	297581	804267	1664702	3517956	1.00 40.0	2.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	49320 2412432	113179	283249	557492	1176060	1.00 40.0	2.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	108234 6443256	247676	647284	1355669	2811782	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	138495 7416636	316517	831957	1739940	3665232	1.00 40.0	2.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	148343 7596669	315856	828824	1749001	3599319	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	105483 4319964	218816	515050	1028971	2184946	1.00 40.0	2.00	5.00	10.0	20.0
4-Isopropyltoluene	DCB	Ave	114936 6450809	267048	706275	1482377	3126343	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	114122 4561039	236109	573628	1099593	2327891	1.00 40.0	2.00	5.00	10.0	20.0
n-Butylbenzene	DCB	Ave	95124 5073281	212137	549686	1180776	2416052	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	103573 4134855	220774	534538	1045591	2198021	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	9302 328665	21622	47356	111358	225061	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trichlorobenzene	DCB	Ave	60345 1977219	130259	291118	610228	1227759	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Ave	52456 1616850	119798	274305	594109	1144674	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.: 240-17768-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Qua	24195 487092	51657	110766	230031	362028	1.00 40.0	2.00	5.00	10.0	20.0
Naphthalene	DCB	Ave	138144 +++++	334220	773873	1874568	3518446	1.00 +++++	2.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	57614 +++++	128490	283525	601412	1032422	1.00 +++++	2.00	5.00	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	47796 2054581	95558	254654	474438	978409	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	55605 2378828	115392	298265	544354	1178172	1.00 40.0	2.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	176027 8688536	359210	970714	1930573	4027368	1.00 40.0	2.00	5.00	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	58658 2804504	120897	321161	629515	1350915	1.00 40.0	2.00	5.00	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\A3UX10\20121112-14871.b\UXX0846.D
Lims ID: STD8260 L6 Client ID:
Inject. Date: 12-Nov-2012 15:10:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0014871-001
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 64678 Lims Sample ID: 2
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:53 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: quayler Date: 12-Nov-2012 15:41:27

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	1858646	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	83	1308572	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	72	649378	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.627	0.009	59	2054581	40.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.002	0	2378828	39.8	
$ 7 Toluene-d8 (Surr)	98	6.564	6.567	-0.003	92	8688536	42.2	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	91	2804504	41.2	
12 Dichlorodifluoromethane	85	1.559	1.562	-0.003	88	1517107	41.0	
13 Chloromethane	50	1.701	1.704	-0.003	89	2482208	34.8	
14 Vinyl chloride	62	1.808	1.799	0.009	82	2144335	37.9	
16 Bromomethane	94	2.092	2.094	-0.002	88	983996	37.2	
17 Chloroethane	64	2.174	2.177	-0.003	99	1047754	38.3	
19 Trichlorofluoromethane	101	2.399	2.390	0.009	97	1799625	43.9	
21 Acrolein	56	2.695	2.698	-0.003	96	2570338	390.5	
23 1,1-Dichloroethene	96	2.813	2.816	-0.003	88	1872976	41.2	
24 Acetone	43	2.825	2.828	-0.003	100	1043547	76.7	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.837	2.840	-0.003	83	1426944	41.4	
26 Iodomethane	142	2.943	2.935	0.008	96	2933107	37.9	
27 Carbon disulfide	76	3.003	3.006	-0.003	98	6119513	42.4	
28 Acetonitrile	41	3.050	3.053	-0.003	98	1767771	400.1	
30 Methyl acetate	43	3.097	3.100	-0.003	95	3126431	71.9	
31 Methylene Chloride	84	3.192	3.195	-0.003	79	2370613	37.0	
32 2-Methyl-2-propanol	59	3.263	3.266	-0.003	96	2241645	596.5	
33 Acrylonitrile	53	3.381	3.384	-0.003	100	1653968	75.9	
35 Methyl tert-butyl ether	73	3.429	3.432	-0.003	87	6451424	39.9	
34 trans-1,2-Dichloroethene	96	3.429	3.432	-0.003	61	2277605	40.9	
36 Hexane	86	3.665	3.656	0.009	91	395795	44.5	
37 1,1-Dichloroethane	63	3.772	3.775	-0.003	96	3828847	40.3	
38 Vinyl acetate	86	3.795	3.798	-0.003	96	437314	44.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 2-Butanone (MEK)	43	4.233	4.236	-0.003	95	1714375	70.2	
43 cis-1,2-Dichloroethene	96	4.245	4.248	-0.003	68	2532393	40.9	
44 2,2-Dichloropropane	77	4.257	4.260	-0.003	87	2243724	41.3	
48 Chlorobromomethane	128	4.446	4.449	-0.003	89	1191655	39.7	
49 Tetrahydrofuran	42	4.482	4.485	-0.003	95	572725	39.9	
50 Chloroform	83	4.494	4.497	-0.003	81	3794429	39.7	
51 1,1,1-Trichloroethane	97	4.671	4.674	-0.003	89	2702490	41.2	
52 Cyclohexane	56	4.742	4.745	-0.003	86	3194526	43.0	
53 1,1-Dichloropropene	75	4.813	4.804	0.009	95	2837459	42.2	
54 Carbon tetrachloride	117	4.825	4.816	0.009	89	2188730	41.4	
56 1,2-Dichloroethane	62	4.979	4.982	-0.003	78	2702867	39.2	
57 Benzene	78	4.979	4.982	-0.003	94	9493368	40.6	
61 Trichloroethene	130	5.523	5.514	0.009	92	2326533	40.3	
63 Methylcyclohexane	83	5.701	5.703	-0.003	88	2839694	46.4	
64 1,2-Dichloropropane	63	5.701	5.703	-0.003	92	2205915	40.7	
66 Dibromomethane	93	5.807	5.798	0.009	89	1229677	39.1	
67 1,4-Dioxane	88	5.807	5.810	-0.003	89	720574	1977.5	
68 Dichlorobromomethane	83	5.925	5.928	-0.003	94	2725858	42.3	
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	91	2670875	86.7	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	94	3536095	44.4	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.437	0.009	95	3614614	76.7	
73 Toluene	91	6.623	6.626	-0.003	97	10274925	41.6	
74 trans-1,3-Dichloropropene	75	6.801	6.804	-0.003	87	3062643	43.8	
75 Ethyl methacrylate	69	6.872	6.875	-0.003	88	2746746	42.8	
76 1,1,2-Trichloroethane	97	6.967	6.970	-0.003	84	1904687	38.1	
77 1,3-Dichloropropane	76	7.120	7.123	-0.003	92	3443790	39.1	
78 Tetrachloroethene	164	7.132	7.135	-0.003	90	1790634	40.2	
79 2-Hexanone	43	7.180	7.183	-0.003	95	2314236	76.6	
81 Chlorodibromomethane	129	7.333	7.336	-0.003	88	2097297	43.2	
83 Ethylene Dibromide	107	7.452	7.455	-0.003	99	1895026	39.1	
85 Chlorobenzene	112	7.913	7.904	0.009	98	6365963	40.8	
86 1,1,1,2-Tetrachloroethane	131	7.972	7.975	-0.003	85	2187416	40.4	
87 Ethylbenzene	106	8.008	8.011	-0.003	97	3347620	42.9	
88 m-Xylene & p-Xylene	106	8.114	8.117	-0.003	98	8634865	87.2	
89 o-Xylene	106	8.493	8.496	-0.003	92	4136461	42.6	
90 Styrene	104	8.505	8.508	-0.003	93	7135888	45.8	
91 Bromoform	173	8.682	8.685	-0.003	99	1261483	43.0	
92 Isopropylbenzene	105	8.848	8.851	-0.003	94	9753706	44.7	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.111	-0.003	85	2260530	37.4	
96 Bromobenzene	156	9.144	9.147	-0.003	90	2569216	42.5	
97 1,2,3-Trichloropropane	110	9.156	9.159	-0.003	71	729085	37.3	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.170	-0.002	72	565293	41.9	
99 N-Propylbenzene	120	9.250	9.241	0.009	98	2379317	44.5	
100 2-Chlorotoluene	126	9.333	9.336	-0.003	97	2240856	41.7	
101 1,3,5-Trimethylbenzene	105	9.416	9.407	0.009	92	7320946	44.5	
102 4-Chlorotoluene	126	9.440	9.431	0.009	98	2412432	42.2	
103 tert-Butylbenzene	119	9.735	9.738	-0.003	90	6443256	47.7	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	72	7416636	43.6	
105 sec-Butylbenzene	105	9.948	9.951	-0.003	94	7596669	44.1	
106 1,3-Dichlorobenzene	146	10.067	10.070	-0.003	96	4319964	39.9	
107 4-Isopropyltoluene	119	10.090	10.093	-0.003	97	6450809	44.6	
108 1,4-Dichlorobenzene	146	10.150	10.153	-0.003	95	4561039	39.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.505	10.496	0.009	97	5073281	44.3	
111 1,2-Dichlorobenzene	146	10.516	10.519	-0.003	98	4134855	38.1	
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.289	-0.003	88	328665	32.2	
113 1,3,5-Trichlorobenzene	180	11.510	11.513	-0.003	97	1977219	32.7	
114 1,2,4-Trichlorobenzene	180	12.126	12.129	-0.003	92	1616850	29.4	
115 Hexachlorobutadiene	225	12.303	12.306	-0.003	96	487092	NaN	
116 Naphthalene	128	12.374	12.377	-0.003	100	4042500	24.1	
117 1,2,3-Trichlorobenzene	180	12.623	12.626	-0.003	99	1163004	19.5	
S 119 Trihalomethanes, Total	1				0		168.2	
S 120 1,2-Dichloroethene, Total	96				0		81.8	
S 121 1,3-Dichloropropene, Total	75				0		88.3	
S 122 Xylenes, Total	106				0		129.9	

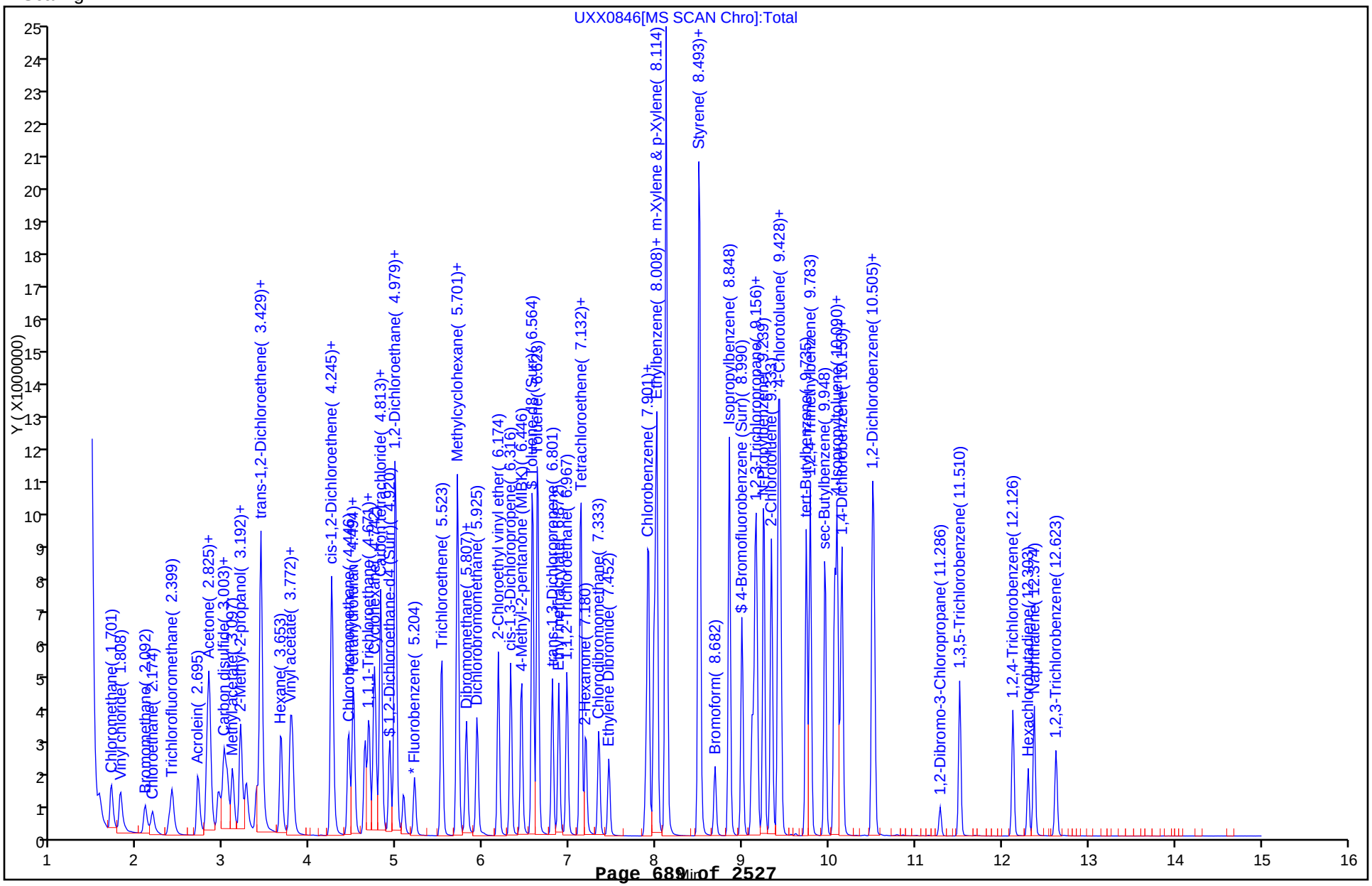
Report Date: 14-Nov-2012 12:22:53 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0846.D

Injection Date:	12-Nov-2012 15:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	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\20121112-14871.b\UXX0847.D
Lims ID: STD8260 L5 Client ID:
Inject. Date: 12-Nov-2012 15:33:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014871-002
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 64678 Lims Sample ID: 3
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:54 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.205	5.204	0.001	100	1811507	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.878	0.001	85	1275429	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	79	672268	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.637	4.627	0.010	60	978409	19.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.921	4.923	-0.001	0	1178172	20.2	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	92	4027368	20.1	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	93	1350915	20.3	
12 Dichlorodifluoromethane	85	1.560	1.562	-0.002	92	669856	18.6	
13 Chloromethane	50	1.702	1.704	-0.002	99	1252314	18.0	
14 Vinyl chloride	62	1.809	1.799	0.010	94	1043756	18.9	
16 Bromomethane	94	2.093	2.094	-0.001	88	468904	18.2	
17 Chloroethane	64	2.175	2.177	-0.002	99	492362	18.5	
19 Trichlorofluoromethane	101	2.400	2.390	0.010	98	765812	19.1	
21 Acrolein	56	2.696	2.698	-0.002	97	1273557	198.5	
23 1,1-Dichloroethene	96	2.814	2.816	-0.002	88	847885	19.1	
24 Acetone	43	2.826	2.828	-0.002	100	562559	41.6	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.838	2.840	-0.002	82	632122	18.8	
26 Iodomethane	142	2.933	2.935	-0.002	95	1411863	18.7	
27 Carbon disulfide	76	3.004	3.006	-0.002	98	2713083	19.3	
28 Acetonitrile	41	3.051	3.053	-0.002	99	994750	199.5	
30 Methyl acetate	43	3.098	3.100	-0.002	95	1616797	38.2	
31 Methylene Chloride	84	3.193	3.195	-0.002	81	1136559	18.2	
32 2-Methyl-2-propanol	59	3.264	3.266	-0.002	98	1437321	392.5	
33 Acrylonitrile	53	3.382	3.384	-0.002	100	842773	39.7	
35 Methyl tert-butyl ether	73	3.430	3.432	-0.002	87	3199056	20.3	
34 trans-1,2-Dichloroethene	96	3.430	3.432	-0.002	62	1063185	19.6	
36 Hexane	86	3.666	3.656	0.010	91	161419	18.6	
37 1,1-Dichloroethane	63	3.773	3.775	-0.002	85	1821871	19.7	
38 Vinyl acetate	86	3.797	3.798	-0.001	97	206976	21.5	
42 2-Butanone (MEK)	43	4.234	4.236	-0.002	95	904760	38.0	
43 cis-1,2-Dichloroethene	96	4.246	4.248	-0.002	68	1200218	19.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.258	4.260	-0.002	87	1029269	19.4	
48 Chlorobromomethane	128	4.447	4.449	-0.002	91	579619	19.8	
49 Tetrahydrofuran	42	4.495	4.485	0.010	88	328102	20.3	
50 Chloroform	83	4.495	4.497	-0.002	89	1830142	19.6	
51 1,1,1-Trichloroethane	97	4.672	4.674	-0.002	92	1253228	19.6	
52 Cyclohexane	56	4.743	4.745	-0.002	87	1384706	19.1	
53 1,1-Dichloropropene	75	4.814	4.804	0.010	95	1301656	19.9	
54 Carbon tetrachloride	117	4.826	4.816	0.010	86	1015979	19.7	
56 1,2-Dichloroethane	62	4.980	4.982	-0.002	52	1332741	19.9	
57 Benzene	78	4.980	4.982	-0.002	94	4483517	19.7	
61 Trichloroethene	130	5.524	5.514	0.010	92	1104556	19.7	
63 Methylcyclohexane	83	5.702	5.703	-0.001	84	1146512	19.2	
64 1,2-Dichloropropane	63	5.702	5.703	-0.001	84	1052699	19.9	
66 Dibromomethane	93	5.808	5.798	0.010	88	613551	20.0	
67 1,4-Dioxane	88	5.808	5.810	-0.002	87	512220	1012.5	
68 Dichlorobromomethane	83	5.926	5.928	-0.002	100	1296764	20.6	
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	90	1331531	44.4	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	93	1669482	21.5	
72 4-Methyl-2-pentanone (MIBK)	43	6.435	6.437	-0.002	95	1915881	41.7	
73 Toluene	91	6.625	6.626	-0.001	98	4790661	19.9	
74 trans-1,3-Dichloropropene	75	6.802	6.804	-0.002	91	1467254	21.5	
75 Ethyl methacrylate	69	6.873	6.875	-0.002	88	1366660	21.8	
76 1,1,2-Trichloroethane	97	6.968	6.970	-0.002	85	943086	19.4	
77 1,3-Dichloropropane	76	7.122	7.123	-0.001	91	1695247	19.7	
78 Tetrachloroethene	164	7.133	7.135	-0.002	89	826165	19.0	
79 2-Hexanone	43	7.181	7.183	-0.002	96	1237996	42.0	
81 Chlorodibromomethane	129	7.335	7.336	-0.001	88	991725	21.0	
83 Ethylene Dibromide	107	7.453	7.455	-0.002	97	968223	20.5	
85 Chlorobenzene	112	7.914	7.904	0.010	94	3031433	19.9	
86 1,1,1,2-Tetrachloroethane	131	7.974	7.975	-0.001	85	1068740	20.2	
87 Ethylbenzene	106	8.009	8.011	-0.002	97	1568837	20.6	
88 m-Xylene & p-Xylene	106	8.116	8.117	-0.001	99	3985489	41.3	
89 o-Xylene	106	8.494	8.496	-0.002	92	1969700	20.8	
90 Styrene	104	8.506	8.508	-0.002	93	3318900	21.9	
91 Bromoform	173	8.684	8.685	-0.001	98	616561	21.5	
92 Isopropylbenzene	105	8.849	8.851	-0.002	94	4399760	20.7	
95 1,1,2,2-Tetrachloroethane	83	9.110	9.111	-0.001	81	1229157	19.6	
96 Bromobenzene	156	9.145	9.147	-0.002	91	1253824	20.0	
97 1,2,3-Trichloropropane	110	9.157	9.159	-0.002	75	399459	19.7	
98 trans-1,4-Dichloro-2-butene	53	9.169	9.170	-0.001	71	264109	19.2	
99 N-Propylbenzene	120	9.240	9.241	-0.001	98	1124810	20.3	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	97	1122340	20.2	
101 1,3,5-Trimethylbenzene	105	9.417	9.407	0.010	93	3517956	20.6	
102 4-Chlorotoluene	126	9.441	9.431	0.010	97	1176060	19.9	
103 tert-Butylbenzene	119	9.737	9.738	-0.001	89	2811782	20.1	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	85	3665232	20.8	
105 sec-Butylbenzene	105	9.950	9.951	-0.001	93	3599319	20.2	
106 1,3-Dichlorobenzene	146	10.068	10.070	-0.002	96	2184946	19.5	
107 4-Isopropyltoluene	119	10.092	10.093	-0.001	97	3126343	20.9	
108 1,4-Dichlorobenzene	146	10.151	10.153	-0.002	94	2327891	19.3	
110 n-Butylbenzene	91	10.494	10.496	-0.002	97	2416052	20.4	
111 1,2-Dichlorobenzene	146	10.518	10.519	-0.001	98	2198021	19.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.289	-0.002	89	225061	21.3	
113 1,3,5-Trichlorobenzene	180	11.512	11.513	-0.001	97	1227759	19.6	
114 1,2,4-Trichlorobenzene	180	12.127	12.129	-0.002	94	1144674	20.1	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	91	362028	19.2	
116 Naphthalene	128	12.375	12.377	-0.002	100	3518446	20.2	
117 1,2,3-Trichlorobenzene	180	12.624	12.626	-0.002	100	1032422	16.8	
S 119 Trihalomethanes, Total	1				0		82.8	
S 120 1,2-Dichloroethene, Total	96				0		39.5	
S 121 1,3-Dichloropropene, Total	75				0		43.1	
S 122 Xylenes, Total	106				0		62.1	

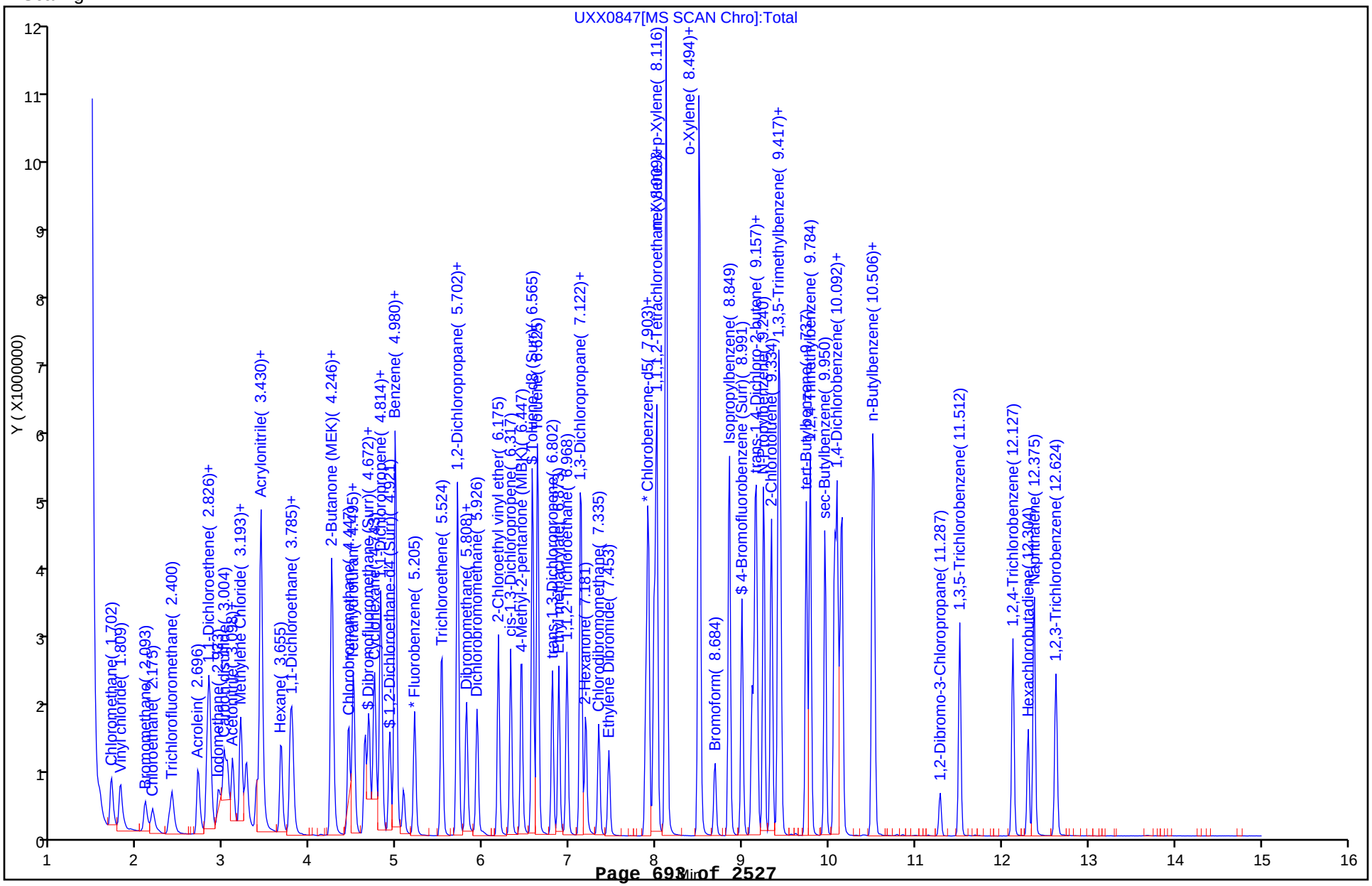
Report Date: 14-Nov-2012 12:22:54 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0847.D

Injection Date:	12-Nov-2012 15:33:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	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\20121112-14871.b\UXX0848.D
Lims ID: STD8260 L4 Client ID:
Inject. Date: 12-Nov-2012 15:55:30 Dil. Factor: 1.0000
Sample Type: ICIS Calib Level: 4
Sample ID: 240-0014871-004
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 64678 Lims Sample ID: 4
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:55 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.207	0.0	99	1810823	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	83	1245256	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.129	0.0	89	654209	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.627	4.627	0.0	59	474438	9.57	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.923	4.923	0.0	0	544354	9.34	
$ 7 Toluene-d8 (Surr)	98	6.567	6.567	0.0	93	1930573	9.85	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	93	629515	9.71	
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	87	373185	10.3	
13 Chloromethane	50	1.704	1.704	0.0	89	630854	9.07	
14 Vinyl chloride	62	1.799	1.799	0.0	82	545008	9.90	
16 Bromomethane	94	2.094	2.094	0.0	87	236981	9.20	
17 Chloroethane	64	2.177	2.177	0.0	98	244780	9.19	
19 Trichlorofluoromethane	101	2.390	2.390	0.0	98	402134	10.1	
21 Acrolein	56	2.698	2.698	0.0	96	644261	100.5	
23 1,1-Dichloroethene	96	2.816	2.816	0.0	89	437052	9.86	
24 Acetone	43	2.828	2.828	0.0	94	295160	21.0	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.840	2.840	0.0	83	347682	10.4	
26 Iodomethane	142	2.935	2.935	0.0	96	708810	9.40	
27 Carbon disulfide	76	3.006	3.006	0.0	98	1348377	9.59	
28 Acetonitrile	41	3.053	3.053	0.0	100	538745	100.1	
30 Methyl acetate	43	3.100	3.100	0.0	95	819857	19.4	
31 Methylene Chloride	84	3.195	3.195	0.0	84	559579	8.95	
32 2-Methyl-2-propanol	59	3.266	3.266	0.0	95	736635	201.2	
33 Acrylonitrile	53	3.384	3.384	0.0	99	421506	19.9	
35 Methyl tert-butyl ether	73	3.432	3.432	0.0	87	1519712	9.64	
34 trans-1,2-Dichloroethene	96	3.432	3.432	0.0	63	525590	9.68	
36 Hexane	86	3.656	3.656	0.0	91	91773	10.6	
37 1,1-Dichloroethane	63	3.775	3.775	0.0	85	858573	9.28	
38 Vinyl acetate	86	3.798	3.798	0.0	96	100425	10.5	
42 2-Butanone (MEK)	43	4.236	4.236	0.0	95	468043	19.7	
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	68	570139	9.44	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.260	4.260	0.0	87	509922	9.62	
48 Chlorobromomethane	128	4.449	4.449	0.0	90	275976	9.43	
49 Tetrahydrofuran	42	4.485	4.485	0.0	86	171197	9.68	
50 Chloroform	83	4.497	4.497	0.0	93	877735	9.42	
51 1,1,1-Trichloroethane	97	4.674	4.674	0.0	89	632967	9.91	
52 Cyclohexane	56	4.745	4.745	0.0	87	756268	10.5	
53 1,1-Dichloropropene	75	4.804	4.804	0.0	95	645899	9.86	
54 Carbon tetrachloride	117	4.816	4.816	0.0	86	506633	9.83	
56 1,2-Dichloroethane	62	4.982	4.982	0.0	46	639567	9.53	
57 Benzene	78	4.982	4.982	0.0	94	2128801	9.35	
61 Trichloroethene	130	5.514	5.514	0.0	98	531723	9.46	
63 Methylcyclohexane	83	5.703	5.703	0.0	86	637965	10.7	
64 1,2-Dichloropropane	63	5.703	5.703	0.0	83	504756	9.55	
66 Dibromomethane	93	5.798	5.798	0.0	92	292142	9.54	
67 1,4-Dioxane	88	5.810	5.810	0.0	87	288501	497.5	
68 Dichlorobromomethane	83	5.928	5.928	0.0	99	600098	9.56	
70 2-Chloroethyl vinyl ether	63	6.177	6.177	0.0	91	604141	20.1	
71 cis-1,3-Dichloropropene	75	6.319	6.319	0.0	92	755964	9.75	
72 4-Methyl-2-pentanone (MIBK)	43	6.437	6.437	0.0	96	922094	20.1	
73 Toluene	91	6.626	6.626	0.0	97	2241611	9.55	
74 trans-1,3-Dichloropropene	75	6.804	6.804	0.0	91	656429	9.87	
75 Ethyl methacrylate	69	6.875	6.875	0.0	88	641991	10.5	
76 1,1,2-Trichloroethane	97	6.970	6.970	0.0	89	459854	9.66	
77 1,3-Dichloropropane	76	7.123	7.123	0.0	91	803827	9.59	
78 Tetrachloroethene	164	7.135	7.135	0.0	89	407744	9.62	
79 2-Hexanone	43	7.183	7.183	0.0	95	590164	20.5	
81 Chlorodibromomethane	129	7.336	7.336	0.0	90	456198	9.88	
83 Ethylene Dibromide	107	7.455	7.455	0.0	99	444348	9.63	
85 Chlorobenzene	112	7.904	7.904	0.0	95	1413092	9.51	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.975	0.0	86	494391	9.59	
87 Ethylbenzene	106	8.011	8.011	0.0	97	746753	10.1	
88 m-Xylene & p-Xylene	106	8.117	8.117	0.0	99	1864879	19.8	
89 o-Xylene	106	8.496	8.496	0.0	95	913272	9.88	
90 Styrene	104	8.508	8.508	0.0	93	1484029	10.0	
91 Bromoform	173	8.685	8.685	0.0	98	279702	10.0	
92 Isopropylbenzene	105	8.851	8.851	0.0	95	2066828	9.96	
95 1,1,2,2-Tetrachloroethane	83	9.111	9.111	0.0	87	599230	9.83	
96 Bromobenzene	156	9.147	9.147	0.0	89	593639	9.75	
97 1,2,3-Trichloropropane	110	9.159	9.159	0.0	74	190863	9.69	
98 trans-1,4-Dichloro-2-butene	53	9.170	9.170	0.0	70	121595	9.35	
99 N-Propylbenzene	120	9.241	9.241	0.0	98	527842	9.81	
100 2-Chlorotoluene	126	9.336	9.336	0.0	97	522662	9.66	
101 1,3,5-Trimethylbenzene	105	9.407	9.407	0.0	93	1664702	10.0	
102 4-Chlorotoluene	126	9.431	9.431	0.0	98	557492	9.67	
103 tert-Butylbenzene	119	9.738	9.738	0.0	81	1355669	9.96	
104 1,2,4-Trimethylbenzene	105	9.786	9.786	0.0	70	1739940	10.1	
105 sec-Butylbenzene	105	9.951	9.951	0.0	93	1749001	10.1	
106 1,3-Dichlorobenzene	146	10.070	10.070	0.0	88	1028971	9.43	
107 4-Isopropyltoluene	119	10.093	10.093	0.0	95	1482377	10.2	
108 1,4-Dichlorobenzene	146	10.153	10.153	0.0	94	1099593	9.35	
110 n-Butylbenzene	91	10.496	10.496	0.0	95	1180776	10.2	
111 1,2-Dichlorobenzene	146	10.519	10.519	0.0	98	1045591	9.57	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.289	11.289	0.0	86	111358	10.8	
113 1,3,5-Trichlorobenzene	180	11.513	11.513	0.0	97	610228	10.0	
114 1,2,4-Trichlorobenzene	180	12.129	12.129	0.0	93	594109	10.7	
115 Hexachlorobutadiene	225	12.306	12.306	0.0	94	230031	10.9	
116 Naphthalene	128	12.377	12.377	0.0	100	1874568	11.1	
117 1,2,3-Trichlorobenzene	180	12.626	12.626	0.0	100	601412	10.0	
S 119 Trihalomethanes, Total	1				0		38.9	
S 120 1,2-Dichloroethene, Total	96				0		19.1	
S 121 1,3-Dichloropropene, Total	75				0		19.6	
S 122 Xylenes, Total	106				0		29.7	

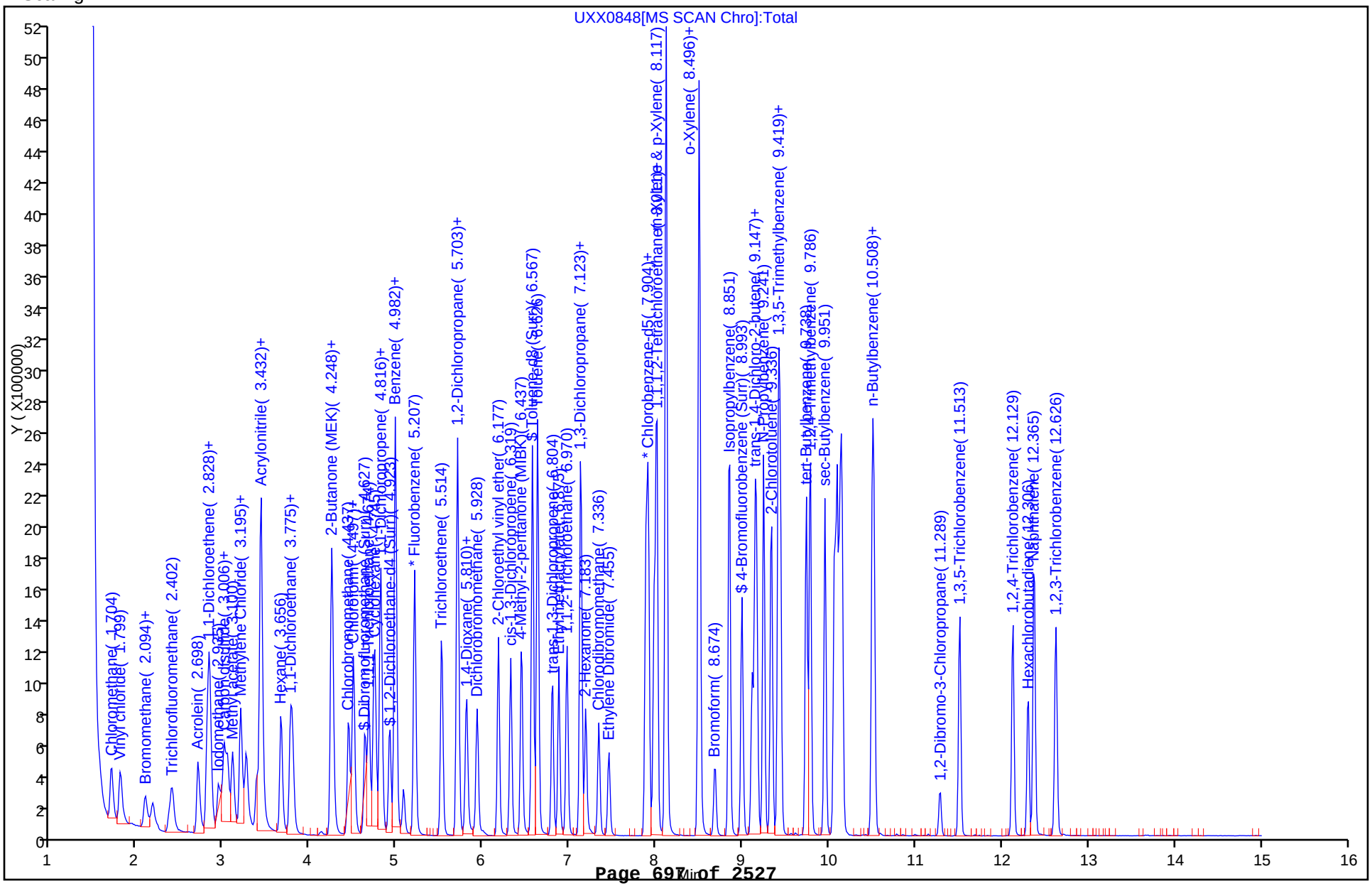
Report Date: 14-Nov-2012 12:22:56 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0848.D

Injection Date:	12-Nov-2012 15:55:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	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\20121112-14871.b\UXX0849.D
Lims ID: STD8260 L3 Client ID:
Inject. Date: 12-Nov-2012 16:17:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014871-005
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 64678 Lims Sample ID: 5
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:56 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.207	-0.002	99	1779078	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.881	-0.003	85	1192390	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.129	-0.002	91	639132	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.627	0.009	59	254654	5.23	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.002	0	298265	5.21	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	92	970714	5.17	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	91	321161	5.17	
12 Dichlorodifluoromethane	85	1.560	1.562	-0.002	97	177301	5.00	
13 Chloromethane	50	1.702	1.704	-0.002	88	342304	5.01	
14 Vinyl chloride	62	1.796	1.799	-0.003	82	275699	5.09	
16 Bromomethane	94	2.092	2.094	-0.002	89	121597	4.80	
17 Chloroethane	64	2.175	2.177	-0.002	98	124356	4.75	
19 Trichlorofluoromethane	101	2.400	2.390	0.010	93	186904	4.76	
21 Acrolein	56	2.708	2.698	0.010	90	304469	48.3	
23 1,1-Dichloroethene	96	2.814	2.816	-0.002	89	214549	4.93	
24 Acetone	43	2.826	2.828	-0.002	81	166058	11.2	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.838	2.840	-0.002	81	163255	4.95	
26 Iodomethane	142	2.944	2.935	0.009	97	372028	5.02	
27 Carbon disulfide	76	3.003	3.006	-0.003	98	683913	4.95	
28 Acetonitrile	41	3.051	3.053	-0.002	98	284821	50.9	
30 Methyl acetate	43	3.098	3.100	-0.002	95	421663	10.1	
31 Methylene Chloride	84	3.193	3.195	-0.002	86	295754	4.82	
32 2-Methyl-2-propanol	59	3.264	3.266	-0.002	95	372177	103.5	
33 Acrylonitrile	53	3.382	3.384	-0.002	99	215874	10.4	
35 Methyl tert-butyl ether	73	3.429	3.432	-0.003	88	777265	5.02	
34 trans-1,2-Dichloroethene	96	3.429	3.432	-0.003	63	267462	5.02	
36 Hexane	86	3.666	3.656	0.010	90	38466	4.52	
37 1,1-Dichloroethane	63	3.773	3.775	-0.002	97	451913	4.97	
38 Vinyl acetate	86	3.796	3.798	-0.002	97	44995	4.77	
42 2-Butanone (MEK)	43	4.246	4.236	0.010	70	239039	10.2	
43 cis-1,2-Dichloroethene	96	4.246	4.248	-0.002	68	295440	4.98	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.258	4.260	-0.002	86	258332	4.96	
48 Chlorobromomethane	128	4.447	4.449	-0.002	94	140473	4.88	
49 Tetrahydrofuran	42	4.494	4.485	0.009	86	90634	4.82	
50 Chloroform	83	4.494	4.497	-0.003	94	457349	5.00	
51 1,1,1-Trichloroethane	97	4.672	4.674	-0.002	89	314125	5.01	
52 Cyclohexane	56	4.743	4.745	-0.002	86	340535	4.79	
53 1,1-Dichloropropene	75	4.814	4.804	0.010	94	309947	4.81	
54 Carbon tetrachloride	117	4.826	4.816	0.010	80	251500	4.97	
56 1,2-Dichloroethane	62	4.979	4.982	-0.003	52	333387	5.06	
57 Benzene	78	4.979	4.982	-0.003	94	1108291	4.95	
61 Trichloroethene	130	5.524	5.514	0.010	95	267568	4.85	
63 Methylcyclohexane	83	5.701	5.703	-0.002	84	274651	4.69	
64 1,2-Dichloropropane	63	5.701	5.703	-0.002	83	259174	4.99	
66 Dibromomethane	93	5.808	5.798	0.010	88	150074	4.99	
67 1,4-Dioxane	88	5.808	5.810	-0.002	91	137374	231.7	
68 Dichlorobromomethane	83	5.926	5.928	-0.002	99	303148	4.91	
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	91	296796	10.1	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	93	369728	4.85	
72 4-Methyl-2-pentanone (MIBK)	43	6.435	6.437	-0.002	96	458647	10.2	
73 Toluene	91	6.624	6.626	-0.002	98	1132310	5.04	
74 trans-1,3-Dichloropropene	75	6.802	6.804	-0.002	89	310855	4.88	
75 Ethyl methacrylate	69	6.873	6.875	-0.002	88	296669	5.07	
76 1,1,2-Trichloroethane	97	6.967	6.970	-0.003	89	235302	5.16	
77 1,3-Dichloropropane	76	7.121	7.123	-0.002	91	400610	4.99	
78 Tetrachloroethene	164	7.133	7.135	-0.002	87	202364	4.99	
79 2-Hexanone	43	7.180	7.183	-0.003	95	291062	10.6	
81 Chlorodibromomethane	129	7.334	7.336	-0.002	88	222734	5.04	
83 Ethylene Dibromide	107	7.453	7.455	-0.002	97	223365	5.06	
85 Chlorobenzene	112	7.914	7.904	0.010	97	720708	5.07	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.975	-0.002	83	250128	5.07	
87 Ethylbenzene	106	8.009	8.011	-0.002	97	363350	5.11	
88 m-Xylene & p-Xylene	106	8.115	8.117	-0.002	99	905853	10.0	
89 o-Xylene	106	8.494	8.496	-0.002	90	452959	5.12	
90 Styrene	104	8.506	8.508	-0.002	92	709345	5.00	
91 Bromoform	173	8.683	8.685	-0.002	98	133051	4.97	
92 Isopropylbenzene	105	8.849	8.851	-0.002	94	992795	4.99	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.111	-0.002	87	294932	4.95	
96 Bromobenzene	156	9.145	9.147	-0.002	91	293754	4.94	
97 1,2,3-Trichloropropane	110	9.156	9.159	-0.003	74	94024	4.88	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.170	-0.002	64	51883	4.37	
99 N-Propylbenzene	120	9.239	9.241	-0.002	98	258545	4.92	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	97	261247	4.94	
101 1,3,5-Trimethylbenzene	105	9.417	9.407	0.010	93	804267	4.96	
102 4-Chlorotoluene	126	9.440	9.431	0.009	96	283249	5.03	
103 tert-Butylbenzene	119	9.736	9.738	-0.002	89	647284	4.87	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	85	831957	4.97	
105 sec-Butylbenzene	105	9.949	9.951	-0.002	92	828824	4.89	
106 1,3-Dichlorobenzene	146	10.068	10.070	-0.002	97	515050	4.83	
107 4-Isopropyltoluene	119	10.091	10.093	-0.002	97	706275	4.96	
108 1,4-Dichlorobenzene	146	10.150	10.153	-0.003	96	573628	4.99	
110 n-Butylbenzene	91	10.494	10.496	-0.002	95	549686	4.87	
111 1,2-Dichlorobenzene	146	10.517	10.519	-0.002	98	534538	5.01	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.289	-0.003	69	47356	4.71	
113 1,3,5-Trichlorobenzene	180	11.511	11.513	-0.002	97	291118	4.89	
114 1,2,4-Trichlorobenzene	180	12.126	12.129	-0.003	93	274305	5.06	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	92	110766	4.78	
116 Naphthalene	128	12.375	12.377	-0.002	100	773873	4.68	
117 1,2,3-Trichlorobenzene	180	12.623	12.626	-0.003	99	283525	4.84	
S 119 Trihalomethanes, Total	1				0		19.9	
S 120 1,2-Dichloroethene, Total	96				0		10.0	
S 121 1,3-Dichloropropene, Total	75				0		9.73	
S 122 Xylenes, Total	106				0		15.2	

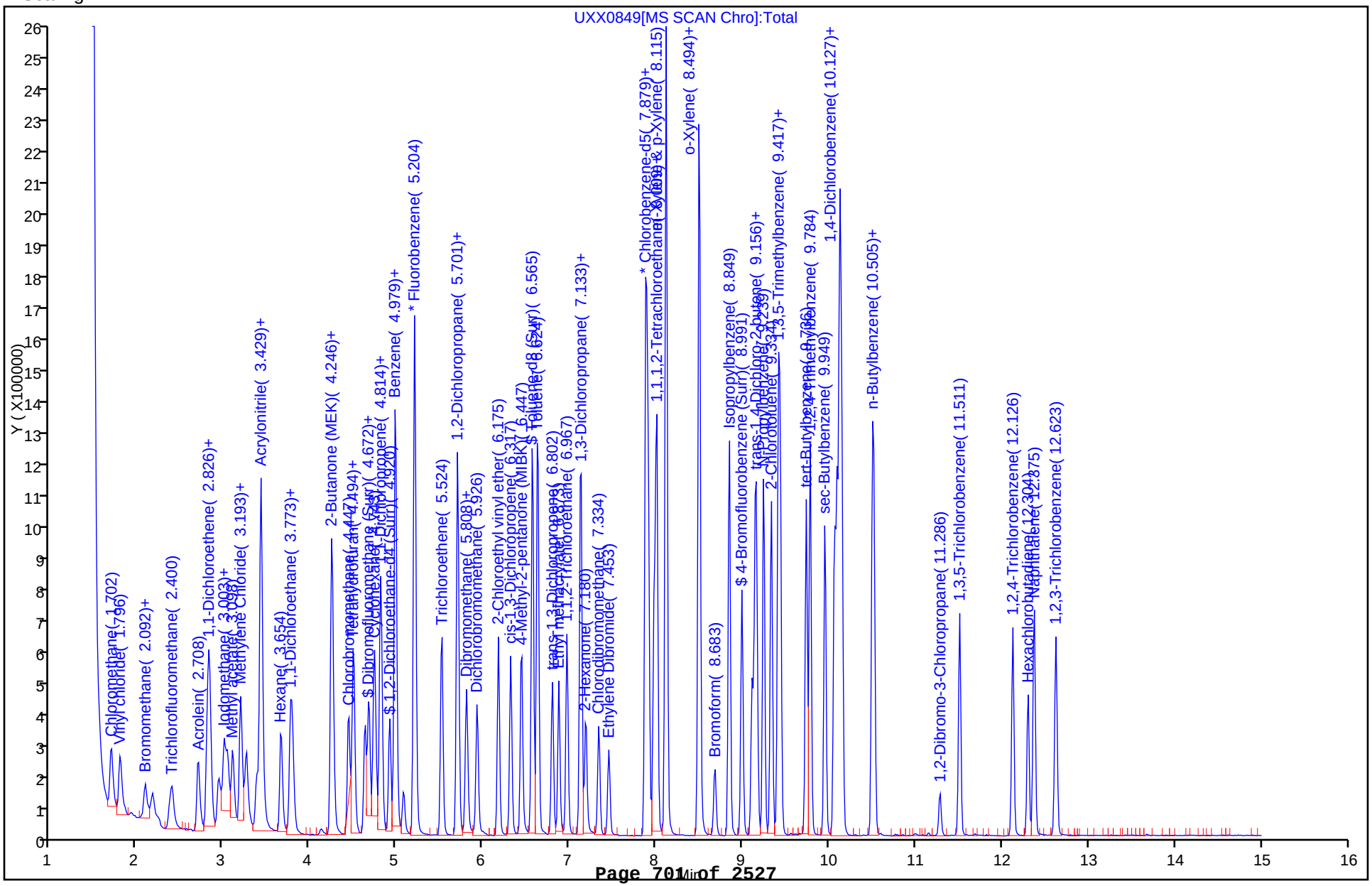
Report Date: 14-Nov-2012 12:22:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0849.D

Injection Date:	12-Nov-2012 16:17:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	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\20121112-14871.b\UXX0850.D
Lims ID: STD8260 L2 Client ID:
Inject. Date: 12-Nov-2012 16:40:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014871-006
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 64678 Lims Sample ID: 6
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:57 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.205	5.207	-0.001	99	1740672	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.881	-0.002	83	1184519	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.129	-0.002	94	617764	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.637	4.627	0.010	55	95558	2.00	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.921	4.923	-0.001	0	115392	2.06	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	92	359210	1.93	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	87	120897	1.96	
12 Dichlorodifluoromethane	85	1.560	1.562	-0.002	78	70486	2.03	
13 Chloromethane	50	1.690	1.704	-0.014	98	156281	2.34	
14 Vinyl chloride	62	1.797	1.799	-0.002	91	112499	2.12	
16 Bromomethane	94	2.093	2.094	-0.002	83	56470	2.28	
17 Chloroethane	64	2.175	2.177	-0.002	87	58980	2.30	
19 Trichlorofluoromethane	101	2.388	2.390	-0.002	86	76738	2.00	
21 Acrolein	56	2.696	2.698	-0.002	92	123569	20.0	
23 1,1-Dichloroethene	96	2.814	2.816	-0.002	95	84658	1.99	
24 Acetone	43	2.826	2.828	-0.002	88	69478	3.76	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.838	2.840	-0.002	87	65909	2.04	
26 Iodomethane	142	2.933	2.935	-0.002	96	161277	2.23	
27 Carbon disulfide	76	3.004	3.006	-0.002	96	273875	2.03	
28 Acetonitrile	41	3.051	3.053	-0.002	99	120215	19.9	
30 Methyl acetate	43	3.098	3.100	-0.002	95	172767	4.25	
31 Methylene Chloride	84	3.193	3.195	-0.002	85	132313	2.20	
32 2-Methyl-2-propanol	59	3.264	3.266	-0.002	95	153465	43.6	
33 Acrylonitrile	53	3.382	3.384	-0.002	96	80637	3.95	
35 Methyl tert-butyl ether	73	3.430	3.432	-0.002	88	305714	2.02	
34 trans-1,2-Dichloroethene	96	3.430	3.432	-0.002	62	106452	2.04	
36 Hexane	86	3.654	3.656	-0.002	90	17904	2.15	
37 1,1-Dichloroethane	63	3.773	3.775	-0.002	93	183164	2.06	
38 Vinyl acetate	86	3.796	3.798	-0.002	97	16843	1.82	
42 2-Butanone (MEK)	43	4.246	4.236	0.010	61	95911	4.19	
43 cis-1,2-Dichloroethene	96	4.246	4.248	-0.002	81	117608	2.03	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.258	4.260	-0.002	79	104223	2.05	
48 Chlorobromomethane	128	4.447	4.449	-0.002	82	57430	2.04	
49 Tetrahydrofuran	42	4.495	4.485	0.010	80	44131	2.10	
50 Chloroform	83	4.495	4.497	-0.002	90	186053	2.08	
51 1,1,1-Trichloroethane	97	4.684	4.674	0.010	90	125449	2.04	
52 Cyclohexane	56	4.743	4.745	-0.002	88	136757	1.97	
53 1,1-Dichloropropene	75	4.814	4.804	0.010	93	124802	1.98	
54 Carbon tetrachloride	117	4.826	4.816	0.010	80	100798	2.04	
56 1,2-Dichloroethane	62	4.980	4.982	-0.002	53	135372	2.10	
57 Benzene	78	4.980	4.982	-0.002	94	443302	2.02	
61 Trichloroethene	130	5.524	5.514	0.010	94	110526	2.05	
63 Methylcyclohexane	83	5.702	5.703	-0.001	83	108692	1.90	
64 1,2-Dichloropropane	63	5.702	5.703	-0.001	87	104320	2.05	
66 Dibromomethane	93	5.808	5.798	0.010	88	61839	2.10	
67 1,4-Dioxane	88	5.808	5.810	-0.002	86	60682	108.3	
68 Dichlorobromomethane	83	5.926	5.928	-0.002	96	123061	2.04	
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	88	105614	3.66	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	90	144437	1.94	
72 4-Methyl-2-pentanone (MIBK)	43	6.447	6.437	0.010	94	175491	3.97	
73 Toluene	91	6.624	6.626	-0.002	97	451655	2.02	
74 trans-1,3-Dichloropropene	75	6.802	6.804	-0.002	85	121296	1.92	
75 Ethyl methacrylate	69	6.873	6.875	-0.002	84	107493	1.85	
76 1,1,2-Trichloroethane	97	6.968	6.970	-0.002	88	94427	2.09	
77 1,3-Dichloropropane	76	7.121	7.123	-0.002	91	165969	2.08	
78 Tetrachloroethene	164	7.133	7.135	-0.002	94	82786	2.05	
79 2-Hexanone	43	7.181	7.183	-0.002	96	107859	3.94	
81 Chlorodibromomethane	129	7.334	7.336	-0.002	87	85958	1.96	
83 Ethylene Dibromide	107	7.453	7.455	-0.002	95	87936	2.00	
85 Chlorobenzene	112	7.914	7.904	0.010	96	280902	1.99	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.975	-0.002	82	96510	1.97	
87 Ethylbenzene	106	8.009	8.011	-0.002	97	135894	1.92	
88 m-Xylene & p-Xylene	106	8.115	8.117	-0.002	99	344119	3.84	
89 o-Xylene	106	8.494	8.496	-0.002	90	168969	1.92	
90 Styrene	104	8.506	8.508	-0.002	91	258133	1.83	
91 Bromoform	173	8.683	8.685	-0.002	96	50285	1.89	
92 Isopropylbenzene	105	8.849	8.851	-0.002	93	376054	1.90	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.111	-0.002	95	119752	2.08	
96 Bromobenzene	156	9.145	9.147	-0.002	91	114972	2.00	
97 1,2,3-Trichloropropane	110	9.157	9.159	-0.002	66	40695	2.19	
98 trans-1,4-Dichloro-2-butene	53	9.169	9.170	-0.001	57	17898	1.89	
99 N-Propylbenzene	120	9.240	9.241	-0.001	97	101816	2.00	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	97	105949	2.07	
101 1,3,5-Trimethylbenzene	105	9.417	9.407	0.010	93	297581	1.90	
102 4-Chlorotoluene	126	9.441	9.431	0.010	96	113179	2.08	
103 tert-Butylbenzene	119	9.736	9.738	-0.002	89	247676	1.93	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	85	316517	1.95	
105 sec-Butylbenzene	105	9.949	9.951	-0.002	89	315856	1.93	
106 1,3-Dichlorobenzene	146	10.068	10.070	-0.002	93	218816	2.12	
107 4-Isopropyltoluene	119	10.091	10.093	-0.002	96	267048	1.94	
108 1,4-Dichlorobenzene	146	10.151	10.153	-0.002	89	236109	2.13	
110 n-Butylbenzene	91	10.494	10.496	-0.002	97	212137	1.95	
111 1,2-Dichlorobenzene	146	10.517	10.519	-0.002	98	220774	2.14	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.289	-0.002	60	21622	2.23	
113 1,3,5-Trichlorobenzene	180	11.511	11.513	-0.002	95	130259	2.27	
114 1,2,4-Trichlorobenzene	180	12.127	12.129	-0.002	90	119798	2.29	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	91	51657	2.05	
116 Naphthalene	128	12.375	12.377	-0.002	100	334220	2.09	
117 1,2,3-Trichlorobenzene	180	12.624	12.626	-0.002	98	128490	2.27	
S 119 Trihalomethanes, Total	1				0		7.97	
S 120 1,2-Dichloroethene, Total	96				0		4.07	
S 121 1,3-Dichloropropene, Total	75				0		3.86	
S 122 Xylenes, Total	106				0		5.76	

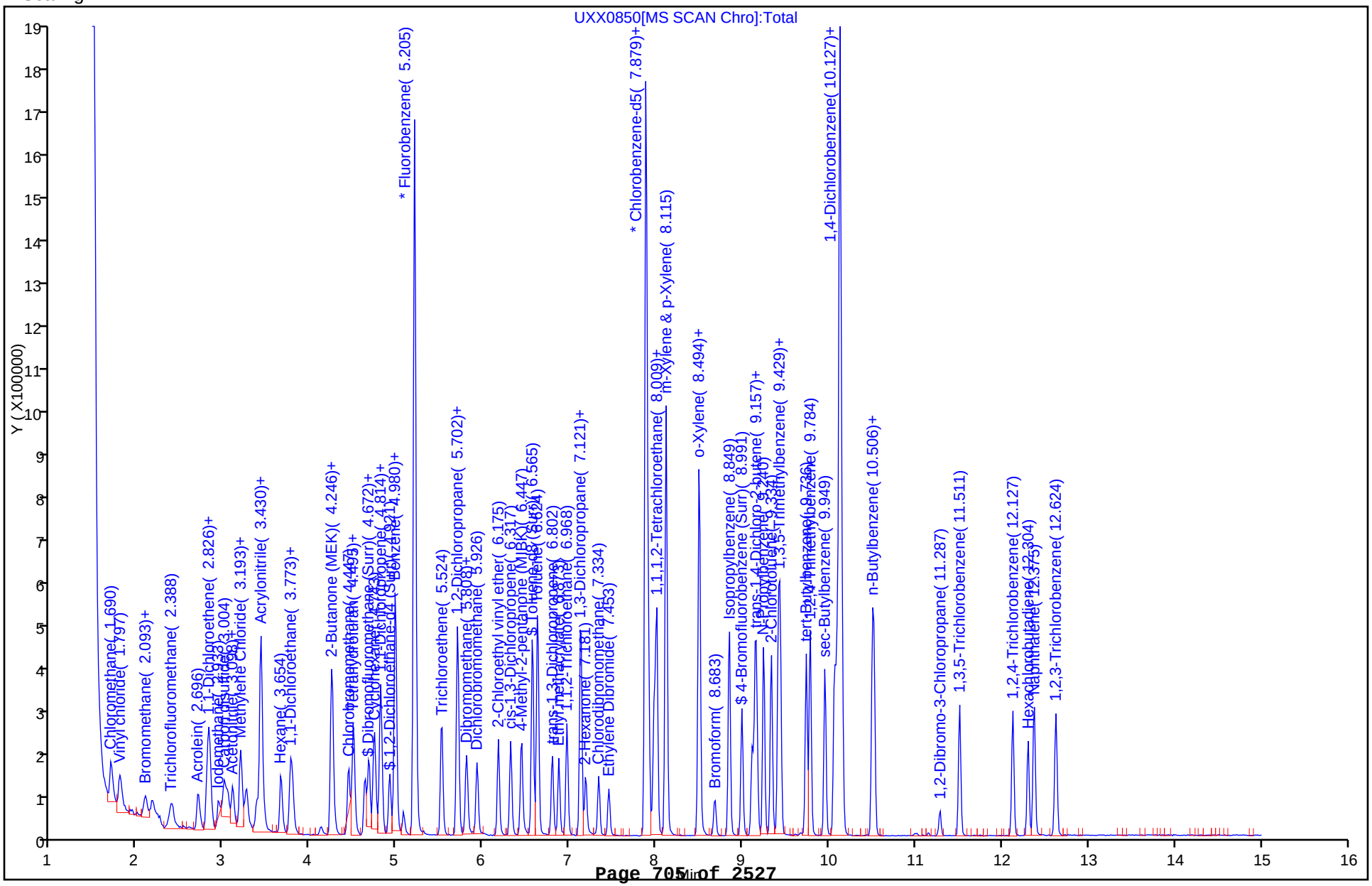
Report Date: 14-Nov-2012 12:22:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0850.D

Injection Date:	12-Nov-2012 16:40:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	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\20121112-14871.b\UXX0851.D
Lims ID: STD8260 L1 Client ID:
Inject. Date: 12-Nov-2012 17:02:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014871-007
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 64678 Lims Sample ID: 7
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:58 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.207	0.001	99	1743563	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	83	1165603	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.129	0.0	93	596320	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.627	4.627	0.0	51	47796	1.00	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.923	4.923	0.001	0	55605	0.99	
$ 7 Toluene-d8 (Surr)	98	6.567	6.567	0.0	91	176027	0.9595	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	83	58658	0.9668	
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	67	34671	1.00	
13 Chloromethane	50	1.704	1.704	0.0	96	77442	1.16	
14 Vinyl chloride	62	1.799	1.799	0.0	85	54815	1.03	
16 Bromomethane	94	2.094	2.094	0.0	81	28264	1.14	
17 Chloroethane	64	2.177	2.177	0.0	59	28099	1.10	
19 Trichlorofluoromethane	101	2.390	2.390	0.0	78	38147	0.99	
21 Acrolein	56	2.710	2.698	0.012	88	65268	10.6	
23 1,1-Dichloroethene	96	2.804	2.816	-0.012	92	44690	1.05	
24 Acetone	43	2.828	2.828	0.0	86	44960	1.78	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.840	2.840	0.0	71	31497	0.9748	
26 Iodomethane	142	2.946	2.935	0.011	95	76830	1.06	
27 Carbon disulfide	76	3.006	3.006	0.0	97	136745	1.01	
28 Acetonitrile	41	3.053	3.053	0.0	99	65625	9.44	
30 Methyl acetate	43	3.100	3.100	0.0	94	89933	2.21	
31 Methylene Chloride	84	3.195	3.195	0.0	86	72627	1.21	
32 2-Methyl-2-propanol	59	3.266	3.266	0.0	99	80525	22.8	
33 Acrylonitrile	53	3.384	3.384	0.0	93	42638	2.09	
35 Methyl tert-butyl ether	73	3.432	3.432	0.0	90	153912	1.01	
34 trans-1,2-Dichloroethene	96	3.432	3.432	0.0	63	52663	1.01	
36 Hexane	86	3.668	3.656	0.012	86	7645	0.9167	
37 1,1-Dichloroethane	63	3.775	3.775	0.0	84	94279	1.06	
38 Vinyl acetate	86	3.798	3.798	0.0	94	8334	0.9014	
42 2-Butanone (MEK)	43	4.248	4.236	0.012	66	51121	2.23	
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	77	59877	1.03	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.260	4.260	0.0	69	52041	1.02	
48 Chlorobromomethane	128	4.449	4.449	0.0	72	30419	1.08	
49 Tetrahydrofuran	42	4.497	4.485	0.012	75	28303	1.15	
50 Chloroform	83	4.497	4.497	0.0	86	93846	1.05	
51 1,1,1-Trichloroethane	97	4.674	4.674	0.0	85	59884	0.9739	
52 Cyclohexane	56	4.745	4.745	0.0	86	68421	0.9820	
53 1,1-Dichloropropene	75	4.816	4.804	0.012	91	63924	1.01	
54 Carbon tetrachloride	117	4.816	4.816	0.0	82	48821	0.9843	
56 1,2-Dichloroethane	62	4.982	4.982	0.0	45	65431	1.01	
57 Benzene	78	4.982	4.982	0.0	94	233228	1.06	
61 Trichloroethene	130	5.526	5.514	0.012	87	57861	1.07	
63 Methylcyclohexane	83	5.704	5.703	0.001	82	53144	0.9253	
64 1,2-Dichloropropane	63	5.704	5.703	0.001	82	51313	1.01	
66 Dibromomethane	93	5.810	5.798	0.012	85	29978	1.02	
67 1,4-Dioxane	88	5.810	5.810	0.0	44	27535	55.1	
68 Dichlorobromomethane	83	5.928	5.928	0.0	94	57623	0.9530	
70 2-Chloroethyl vinyl ether	63	6.177	6.177	0.0	82	50671	1.75	
71 cis-1,3-Dichloropropene	75	6.319	6.319	0.0	83	66977	0.8973	
72 4-Methyl-2-pentanone (MIBK)	43	6.437	6.437	0.0	92	87243	1.97	
73 Toluene	91	6.626	6.626	0.0	97	217546	0.9898	
74 trans-1,3-Dichloropropene	75	6.804	6.804	0.0	87	56453	0.9066	
75 Ethyl methacrylate	69	6.875	6.875	0.0	84	48665	0.8506	
76 1,1,2-Trichloroethane	97	6.970	6.970	0.0	84	46213	1.04	
77 1,3-Dichloropropane	76	7.123	7.123	0.0	87	81372	1.04	
78 Tetrachloroethene	164	7.135	7.135	0.0	85	41923	1.06	
79 2-Hexanone	43	7.183	7.183	0.0	91	49559	1.84	
81 Chlorodibromomethane	129	7.336	7.336	0.0	82	38720	0.8960	
83 Ethylene Dibromide	107	7.455	7.455	0.0	78	44106	1.02	
85 Chlorobenzene	112	7.904	7.904	0.0	92	142728	1.03	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.975	0.0	77	49287	1.02	
87 Ethylbenzene	106	8.011	8.011	0.0	96	63081	0.9074	
88 m-Xylene & p-Xylene	106	8.117	8.117	0.0	99	162535	1.84	
89 o-Xylene	106	8.496	8.496	0.0	90	79587	0.9203	
90 Styrene	104	8.496	8.508	-0.012	89	117552	0.8470	
91 Bromoform	173	8.685	8.685	0.0	85	23746	0.9078	
92 Isopropylbenzene	105	8.851	8.851	0.0	93	175027	0.9008	
95 1,1,2,2-Tetrachloroethane	83	9.111	9.111	0.0	85	59590	1.07	
96 Bromobenzene	156	9.147	9.147	0.0	88	54065	0.9739	
97 1,2,3-Trichloropropane	110	9.159	9.159	0.0	65	18732	1.04	
98 trans-1,4-Dichloro-2-butene	53	9.171	9.170	0.0	51	9151	1.24	
99 N-Propylbenzene	120	9.242	9.241	0.001	94	44296	0.9031	
100 2-Chlorotoluene	126	9.336	9.336	0.0	96	47028	0.9540	
101 1,3,5-Trimethylbenzene	105	9.407	9.407	0.0	90	137475	0.9094	
102 4-Chlorotoluene	126	9.431	9.431	0.0	96	49320	0.9390	
103 tert-Butylbenzene	119	9.738	9.738	0.0	78	108234	0.8720	
104 1,2,4-Trimethylbenzene	105	9.786	9.786	0.0	89	138495	0.8860	
105 sec-Butylbenzene	105	9.951	9.951	0.0	85	148343	0.9380	
106 1,3-Dichlorobenzene	146	10.070	10.070	0.0	94	105483	1.06	
107 4-Isopropyltoluene	119	10.093	10.093	0.0	93	114936	0.8647	
108 1,4-Dichlorobenzene	146	10.153	10.153	0.0	90	114122	1.06	
110 n-Butylbenzene	91	10.496	10.496	0.0	93	95124	0.9040	
111 1,2-Dichlorobenzene	146	10.519	10.519	0.0	93	103573	1.04	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.289	11.289	0.0	37	9302	0.99	
113 1,3,5-Trichlorobenzene	180	11.513	11.513	0.0	89	60345	1.09	
114 1,2,4-Trichlorobenzene	180	12.129	12.129	0.0	79	52456	1.04	
115 Hexachlorobutadiene	225	12.306	12.306	0.0	82	24195	0.8043	
116 Naphthalene	128	12.365	12.377	-0.012	99	138144	0.8961	
117 1,2,3-Trichlorobenzene	180	12.626	12.626	0.0	94	57614	1.05	
S 119 Trihalomethanes, Total	1				0		3.80	
S 120 1,2-Dichloroethene, Total	96				0		2.04	
S 121 1,3-Dichloropropene, Total	75				0		1.80	
S 122 Xylenes, Total	106				0		2.76	

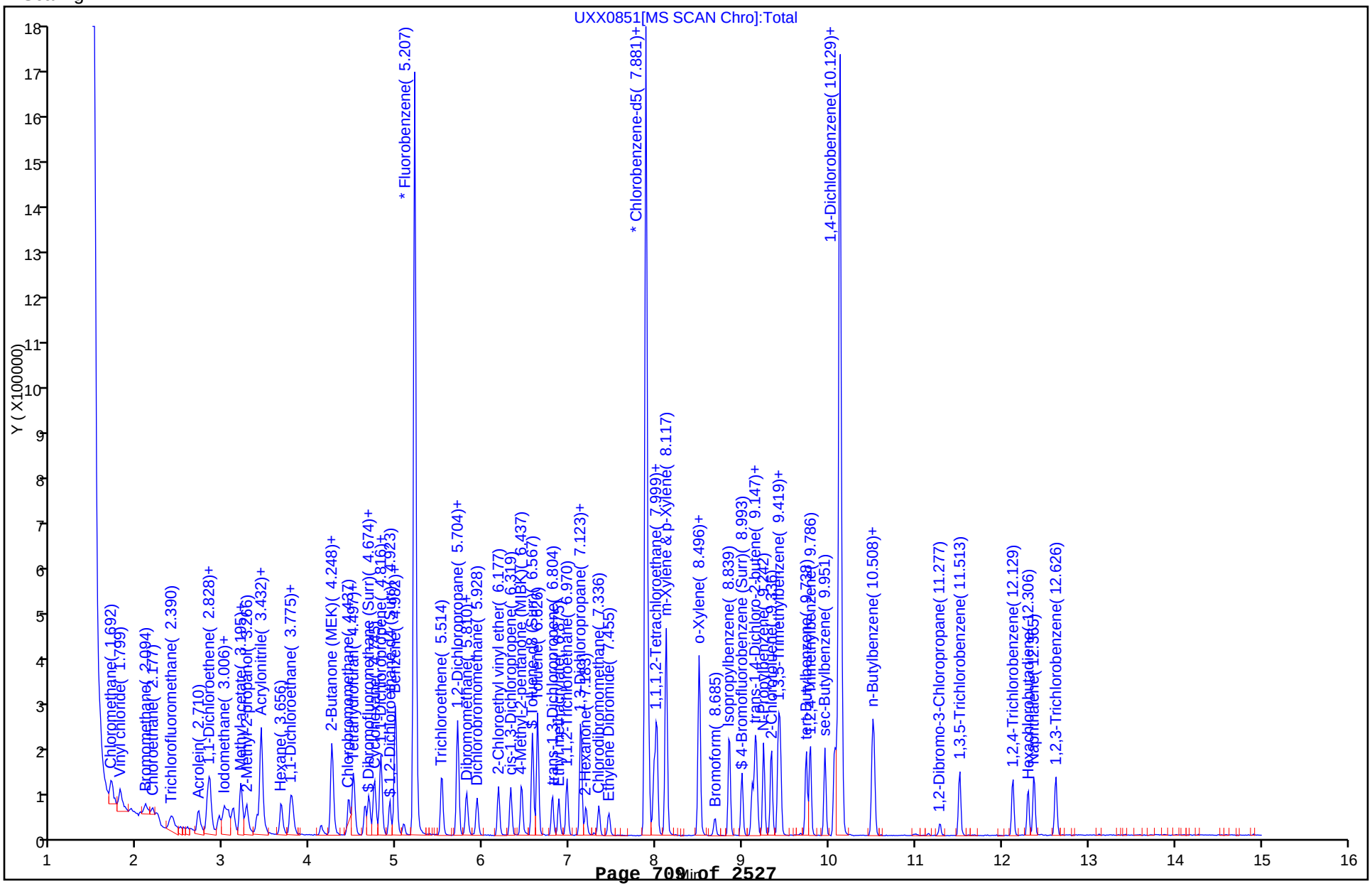
Report Date: 14-Nov-2012 12:22:58 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0851.D

Injection Date:	12-Nov-2012 17:02:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	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.: 240-17768-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 17:24 Calibration End Date: 11/12/2012 19:16 Calibration ID: 12293

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-64678/13	UXX0857.D
Level 2	STDA9 240-64678/12	UXX0856.D
Level 3	STDA9 240-64678/11	UXX0855.D
Level 4	STDA9 240-64678/10	UXX0854.D
Level 5	STDA9 240-64678/9	UXX0853.D
Level 6	STDA9 240-64678/8	UXX0852.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								
Dichlorofluoromethane	0.4820 0.3960	0.4881	0.4094	0.3861	0.4061	Ave		0.4280				11.0		15.0			
Ethyl ether	0.2464 0.2460	0.2704	0.2574	0.2436	0.2508	Ave		0.2524				4.0		15.0			
3-Chloro-1-propene	0.1463 0.1615	0.1640	0.1489	0.1462	0.1583	Ave		0.1542				5.2		15.0			
Isopropyl ether	0.2734 0.3044	0.2919	0.2900	0.2782	0.2967	Ave		0.2891				4.0		15.0			
2-Chloro-1,3-butadiene	0.3936 0.4156	0.4157	0.4169	0.3934	0.4171	Ave		0.4087				2.9		15.0			
Tert-butyl ethyl ether	0.8271 0.8941	0.8690	0.8655	0.8307	0.8866	Ave		0.8622				3.2		15.0			
Propionitrile	0.0372 0.0424	0.0411	0.0402	0.0409	0.0400	Ave		0.0403				4.3		15.0			
Ethyl acetate	0.2670 0.2681	0.2539	0.2565	0.2522	0.2647	Ave		0.2604				2.7		15.0			
Methacrylonitrile	0.1718 0.1761	0.1669	0.1710	0.1707	0.1769	Ave		0.1722				2.2		15.0			
Isobutyl alcohol	0.0121 0.0124	0.0145	0.0139	0.0132	0.0132	Ave		0.0132				6.7		15.0			
Tert-amyl methyl ether	0.7160 0.8471	0.7448	0.7861	0.7709	0.8222	Ave		0.7812				6.2		15.0			
n-Heptane	0.0413 0.0405	0.0433	0.0442	0.0415	0.0432	Ave		0.0424				3.4		15.0			
n-Butanol	0.0097 0.0108	0.0112	0.0112	0.0118	0.0124	Ave		0.0112				8.2		15.0			
Methyl methacrylate	0.1958 0.2339	0.1965	0.2057	0.2090	0.2260	Ave		0.2112				7.4		15.0			
2-Nitropropane	0.0431 0.0564	0.0461	0.0467	0.0460	0.0529	Ave		0.0485				10.0		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.: 240-17768-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 17:24 Calibration End Date: 11/12/2012 19:16 Calibration ID: 12293

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								
Cyclohexanone	0.1010 0.0958	0.1154	0.1132	0.1208	0.1173	Ave		0.1106				8.9		15.0			
1,2,3-Trimethylbenzene	2.2775 3.0396	2.5201	2.7349	2.7663	3.1094	Ave		2.7413				11.0		15.0			
2-Methylnaphthalene	1.1719 +++++	1.5195	1.5032	1.4987	1.2007	Ave		1.3788				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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17768-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 17:24 Calibration End Date: 11/12/2012 19:16 Calibration ID: 12293

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-64678/13	UXX0857.D
Level 2	STDA9 240-64678/12	UXX0856.D
Level 3	STDA9 240-64678/11	UXX0855.D
Level 4	STDA9 240-64678/10	UXX0854.D
Level 5	STDA9 240-64678/9	UXX0853.D
Level 6	STDA9 240-64678/8	UXX0852.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
Dichlorofluoromethane	FB	Ave	80460 2850971	164725	356024	712254	1482330	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl ether	FB	Ave	41138 1771077	91256	223860	449359	915505	1.00 40.0	2.00	5.00	10.0	20.0
3-Chloro-1-propene	FB	Ave	24425 1162812	55345	129440	269645	577928	1.00 40.0	2.00	5.00	10.0	20.0
Isopropyl ether	FB	Ave	228181 10955114	492531	1260700	2565660	5414567	5.00 200	10.0	25.0	50.0	100
2-Chloro-1,3-butadiene	FB	Ave	65705 2991997	140291	362511	725705	1522542	1.00 40.0	2.00	5.00	10.0	20.0
Tert-butyl ethyl ether	FB	Ave	138066 6436168	293270	752623	1532406	3236247	1.00 40.0	2.00	5.00	10.0	20.0
Propionitrile	FB	Ave	12432 610118	27715	69934	150931	292320	2.00 80.0	4.00	10.0	20.0	40.0
Ethyl acetate	FB	Ave	89127 3860208	171365	446141	930357	1932724	2.00 80.0	4.00	10.0	20.0	40.0
Methacrylonitrile	FB	Ave	28684 1267693	56328	148682	314882	645704	1.00 40.0	2.00	5.00	10.0	20.0
Isobutyl alcohol	CBZ	Ave	26069 1171509	63194	159758	320091	622869	20.0 800	40.0	100	200	400
Tert-amyl methyl ether	FB	Ave	119519 6097885	251377	683604	1421979	3001391	1.00 40.0	2.00	5.00	10.0	20.0
n-Heptane	FB	Ave	6900 291851	14617	38476	76535	157782	1.00 40.0	2.00	5.00	10.0	20.0
n-Butanol	CBZ	Ave	20848 1022178	48741	128789	285095	583521	20.0 800	40.0	100	200	400
Methyl methacrylate	FB	Ave	32693 1684004	66318	178849	385468	825080	1.00 40.0	2.00	5.00	10.0	20.0
2-Nitropropane	FB	Ave	14400 811606	31128	81277	169611	386536	2.00 80.0	4.00	10.0	20.0	40.0
Cyclohexanone	DCB	Ave	53736 2293716	128051	322361	730245	1427988	10.0 400	20.0	50.0	100	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17768-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 17:24 Calibration End Date: 11/12/2012 19:16 Calibration ID: 12293

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,3-Trimethylbenzene	DCB	Ave	121230 7276258	279664	779019	1672368	3786861	1.00 40.0	2.00	5.00	10.0	20.0
2-Methylnaphthalene	DCB	Ave	124754 +++++	337237	856345	1812094	2924495	2.00 +++++	4.00	10.0	20.0	40.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0852.D		
Lims ID:	STDA9 L6	Client ID:	
Inject. Date:	12-Nov-2012 17:24:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014871-008		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	7
Lims Batch ID:	64678	Lims Sample ID:	8
Sublist:	chrom-8260_10*sub2		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:22:59	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		
First Level Reviewer: quayler		Date:	13-Nov-2012 08:45:28

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.207	-0.002	98	1799703	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.881	-0.003	84	1178574	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.129	-0.003	93	598446	10.0	
18 Dichlorofluoromethane	67	2.328	2.329	-0.001	98	2850971	37.0	
20 Ethyl ether	59	2.600	2.601	-0.001	88	1771077	39.0	
29 3-Chloro-1-propene	76	3.097	3.098	-0.001	94	1162812	41.9	
39 Isopropyl ether	87	3.819	3.820	-0.001	78	10955114	210.6	
40 2-Chloro-1,3-butadiene	53	3.855	3.855	0.0	81	2991997	40.7	
41 Tert-butyl ethyl ether	59	4.115	4.127	-0.012	97	6436168	41.5	
45 Propionitrile	54	4.281	4.281	0.0	97	610118	84.1	
46 Ethyl acetate	43	4.281	4.293	-0.012	99	3860208	82.4	
47 Methacrylonitrile	41	4.411	4.411	0.0	92	1267693	40.9	
55 Isobutyl alcohol	41	4.849	4.849	0.0	95	1171509	752.3	
58 Tert-amyl methyl ether	73	5.062	5.062	0.0	99	6097885	43.4	
59 n-Heptane	100	5.192	5.192	0.0	94	291851	38.3	
60 n-Butanol	56	5.405	5.405	0.0	87	1022178	776.8	
65 Methyl methacrylate	41	5.783	5.784	-0.001	89	1684004	44.3	
69 2-Nitropropane	41	6.115	6.115	0.0	97	811606	92.9	
80 n-Butyl acetate	56	7.298	7.299	-0.001	97	2510793	0	
94 Cyclohexanone	55	8.931	8.932	-0.001	90	2293716	346.7	
109 1,2,3-Trimethylbenzene	105	10.197	10.198	-0.001	98	7276258	44.4	
118 2-Methylnaphthalene	142	13.676	13.677	-0.001	100	2458220	29.8	

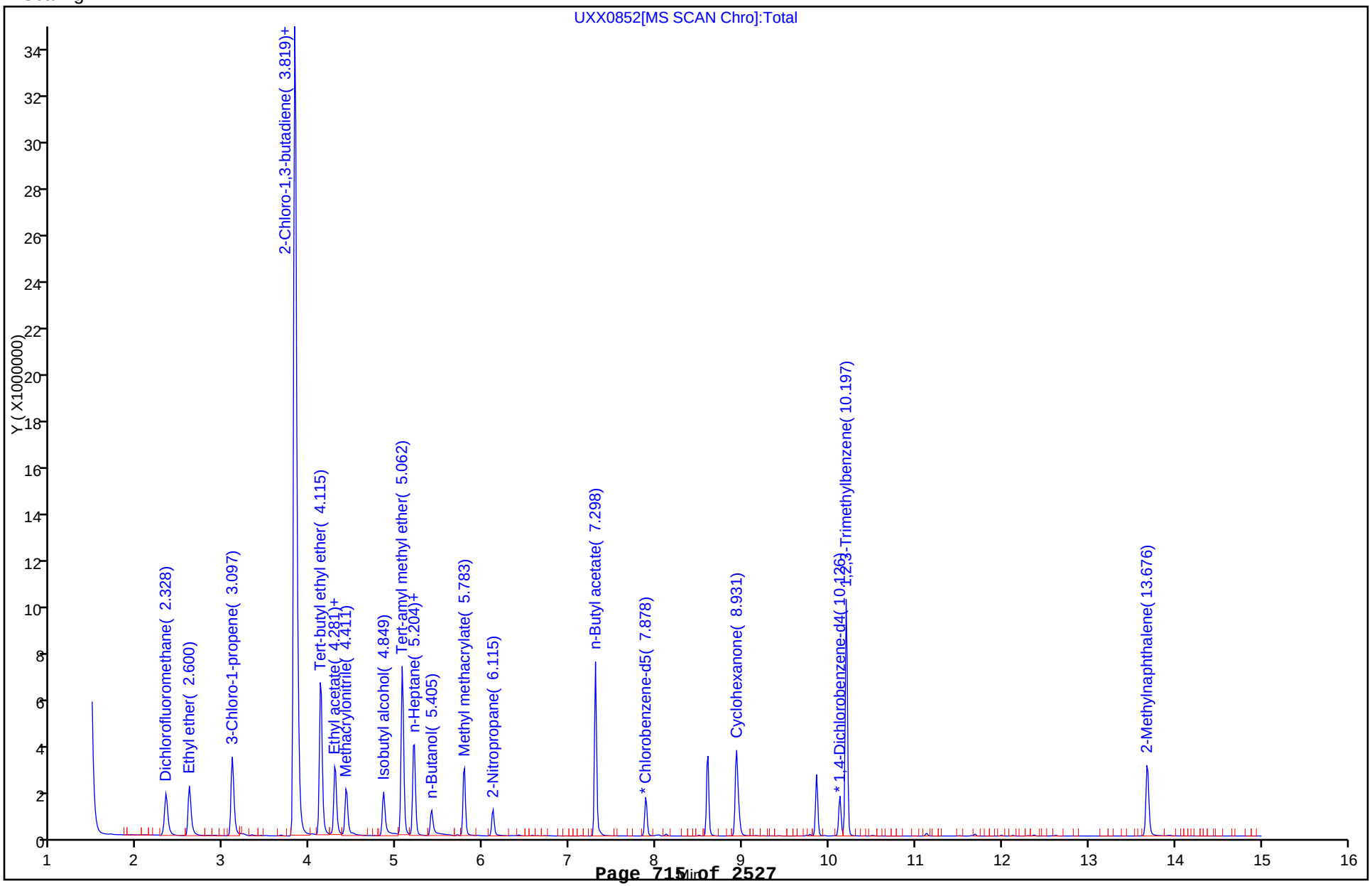
Report Date: 14-Nov-2012 12:22:59 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0852.D

Injection Date:	12-Nov-2012 17:24:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	8
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\20121112-14871.b\UXX0853.D
Lims ID: STDA9 L5 Client ID:
Inject. Date: 12-Nov-2012 17:46:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014871-009
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 8
Lims Batch ID: 64678 Lims Sample ID: 9
Sublist: chrom-8260_10*sub2
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:23:00 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.207	0.001	98	1825158	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	82	1180628	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.130	10.129	0.001	93	608930	10.0	
18 Dichlorofluoromethane	67	2.332	2.329	0.003	83	1482330	19.0	
20 Ethyl ether	59	2.604	2.601	0.003	88	915505	19.9	
29 3-Chloro-1-propene	76	3.101	3.098	0.003	92	577928	20.5	
39 Isopropyl ether	87	3.823	3.820	0.003	96	5414567	102.6	
40 2-Chloro-1,3-butadiene	53	3.846	3.855	-0.009	86	1522542	20.4	
41 Tert-butyl ethyl ether	59	4.118	4.127	-0.009	97	3236247	20.6	
45 Propionitrile	54	4.284	4.281	0.003	99	292320	39.7	
46 Ethyl acetate	43	4.284	4.293	-0.009	99	1932724	40.7	
47 Methacrylonitrile	41	4.414	4.411	0.003	92	645704	20.5	
55 Isobutyl alcohol	41	4.840	4.849	-0.009	94	622869	399.3	
58 Tert-amyl methyl ether	73	5.065	5.062	0.003	98	3001391	21.1	
59 n-Heptane	100	5.195	5.192	0.003	91	157782	20.4	
60 n-Butanol	56	5.396	5.405	-0.009	89	583521	442.7	
65 Methyl methacrylate	41	5.775	5.784	-0.009	90	825080	21.4	
69 2-Nitropropane	41	6.106	6.115	-0.009	98	386536	43.6	
80 n-Butyl acetate	56	7.302	7.299	0.003	97	1224701	0	
94 Cyclohexanone	55	8.923	8.932	-0.009	91	1427988	212.1	
109 1,2,3-Trimethylbenzene	105	10.201	10.198	0.003	98	3786861	22.7	
118 2-Methylnaphthalene	142	13.679	13.677	0.002	100	2924495	34.8	

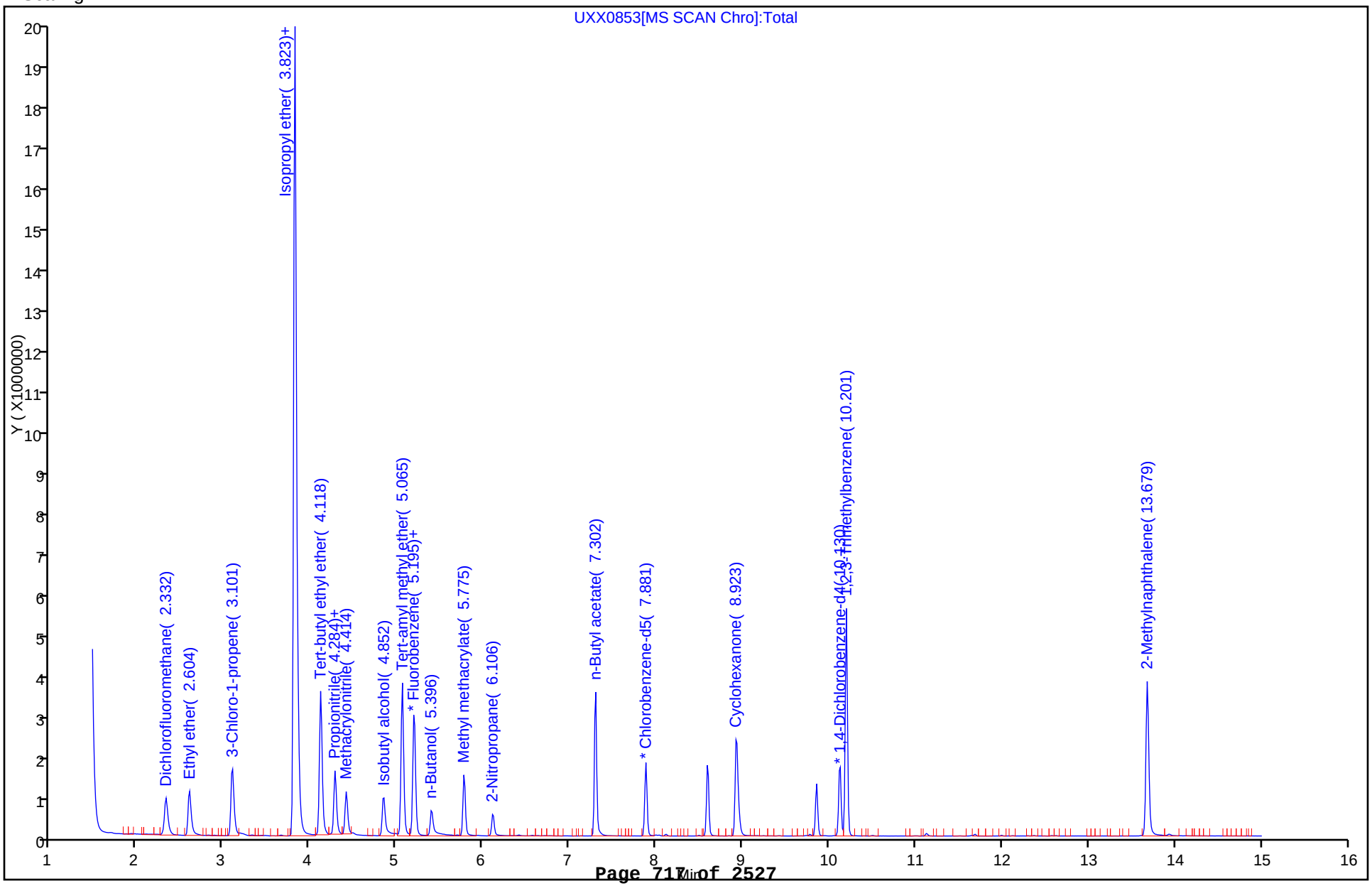
Report Date: 14-Nov-2012 12:23:00 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0853.D

Injection Date:	12-Nov-2012 17:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	9
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\20121112-14871.b\UXX0854.D		
Lims ID:	STDA9 L4	Client ID:	
Inject. Date:	12-Nov-2012 18:09:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0014871-010		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	9
Lims Batch ID:	64678	Lims Sample ID:	10
Sublist:	chrom-8260_10*sub2		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:23:00	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	98	1844671	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	84	1211006	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	93	604557	10.0	
18 Dichlorofluoromethane	67	2.329	2.329	0.0	97	712254	9.02	
20 Ethyl ether	59	2.601	2.601	0.0	89	449359	9.65	
29 3-Chloro-1-propene	76	3.098	3.098	0.0	92	269645	9.48	
39 Isopropyl ether	87	3.820	3.820	0.0	95	2565660	48.1	
40 2-Chloro-1,3-butadiene	53	3.855	3.855	0.0	74	725705	9.63	
41 Tert-butyl ethyl ether	59	4.127	4.127	0.0	97	1532406	9.64	
45 Propionitrile	54	4.281	4.281	0.0	95	150931	20.3	
46 Ethyl acetate	43	4.293	4.293	0.0	99	930357	19.4	
47 Methacrylonitrile	41	4.411	4.411	0.0	91	314882	9.91	
55 Isobutyl alcohol	41	4.849	4.849	0.0	94	320091	200.1	
58 Tert-amyl methyl ether	73	5.062	5.062	0.0	98	1421979	9.87	
59 n-Heptane	100	5.192	5.192	0.0	90	76535	9.80	
60 n-Butanol	56	5.405	5.405	0.0	87	285095	210.9	
65 Methyl methacrylate	41	5.784	5.784	0.0	89	385468	9.90	
69 2-Nitropropane	41	6.115	6.115	0.0	97	169611	18.9	
80 n-Butyl acetate	56	7.299	7.299	0.0	97	558077	0	
94 Cyclohexanone	55	8.932	8.932	0.0	90	730245	109.2	
109 1,2,3-Trimethylbenzene	105	10.198	10.198	0.0	98	1672368	10.1	
118 2-Methylnaphthalene	142	13.677	13.677	0.0	100	1812094	21.7	

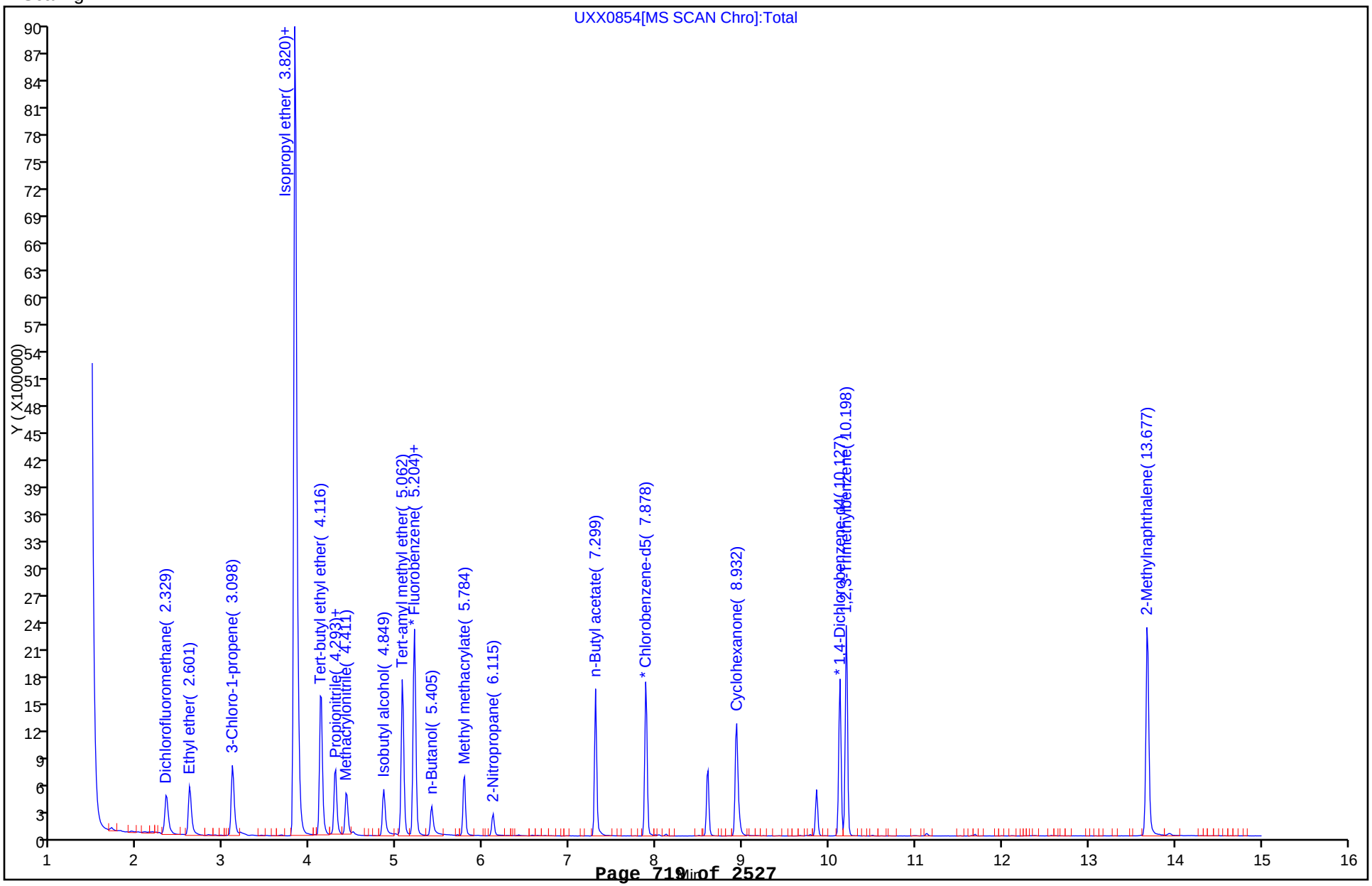
Report Date: 14-Nov-2012 12:23:01 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0854.D

Injection Date:	12-Nov-2012 18:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	10
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\20121112-14871.b\UXX0855.D		
Lims ID:	STDA9 L3	Client ID:	
Inject. Date:	12-Nov-2012 18:31:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0014871-011		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	10
Lims Batch ID:	64678	Lims Sample ID:	11
Sublist:	chrom-8260_10*sub2		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:23:01	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	98	1739128	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	83	1150642	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	94	569678	10.0	
18 Dichlorofluoromethane	67	2.328	2.329	-0.001	82	356024	4.78	
20 Ethyl ether	59	2.601	2.601	0.0	88	223860	5.10	
29 3-Chloro-1-propene	76	3.098	3.098	0.0	91	129440	4.83	
39 Isopropyl ether	87	3.819	3.820	-0.001	94	1260700	25.1	
40 2-Chloro-1,3-butadiene	53	3.855	3.855	0.0	89	362511	5.10	
41 Tert-butyl ethyl ether	59	4.115	4.127	-0.012	97	752623	5.02	
45 Propionitrile	54	4.281	4.281	0.0	39	69934	9.98	
46 Ethyl acetate	43	4.293	4.293	0.0	99	446141	9.85	
47 Methacrylonitrile	41	4.411	4.411	0.0	90	148682	4.96	
55 Isobutyl alcohol	41	4.849	4.849	0.0	92	159758	105.1	
58 Tert-amyl methyl ether	73	5.062	5.062	0.0	97	683604	5.03	
59 n-Heptane	100	5.192	5.192	0.0	86	38476	5.22	
60 n-Butanol	56	5.405	5.405	0.0	90	128789	100.2	
65 Methyl methacrylate	41	5.772	5.784	-0.012	89	178849	4.87	
69 2-Nitropropane	41	6.115	6.115	0.0	99	81277	9.63	
80 n-Butyl acetate	56	7.298	7.299	-0.001	97	256809	0	
94 Cyclohexanone	55	8.931	8.932	-0.001	90	322361	51.2	
109 1,2,3-Trimethylbenzene	105	10.197	10.198	-0.001	98	779019	4.99	
118 2-Methylnaphthalene	142	13.688	13.677	0.011	100	856345	10.9	

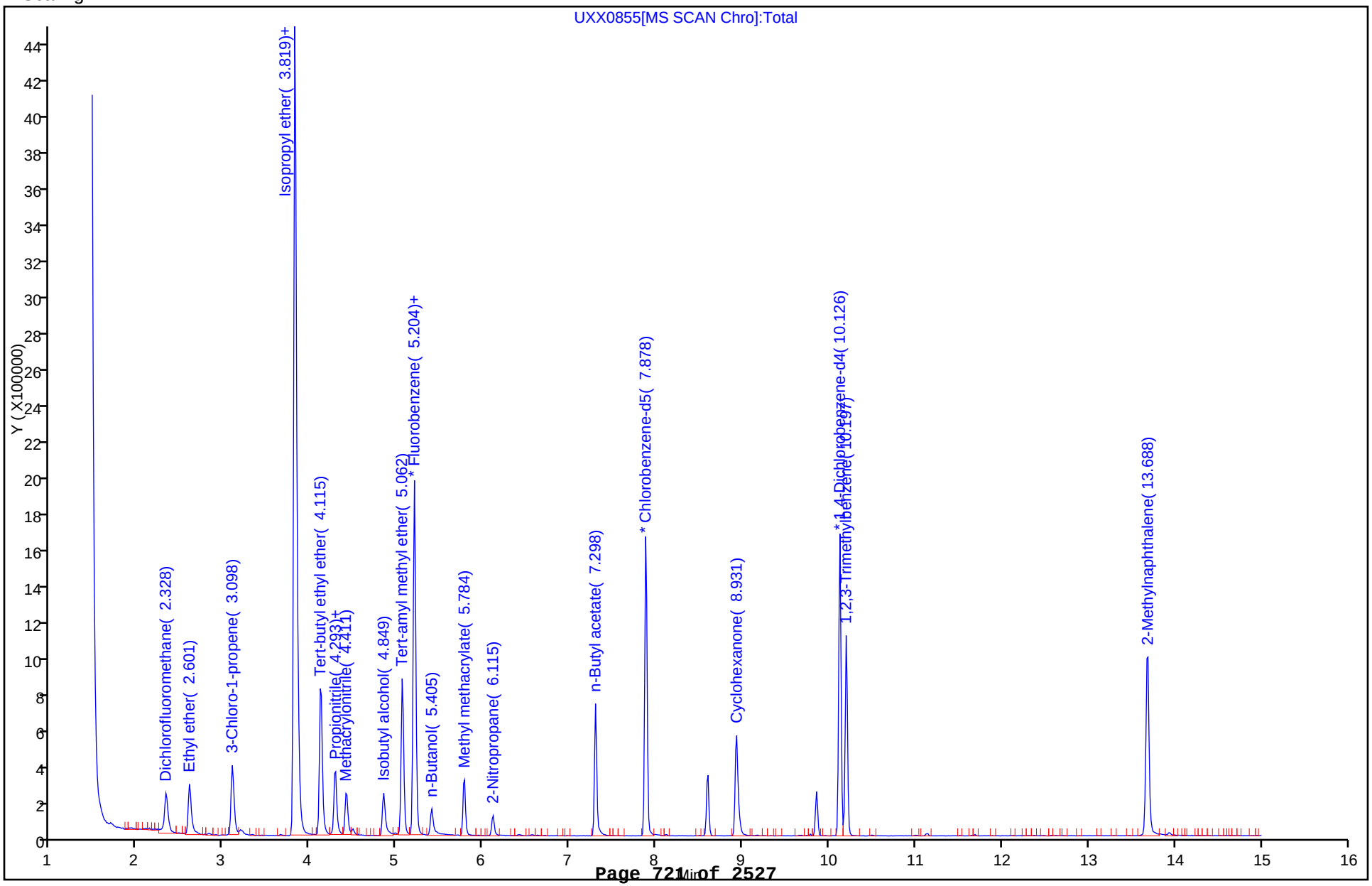
Report Date: 14-Nov-2012 12:23:02 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0855.D

Injection Date:	12-Nov-2012 18:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	11
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\20121112-14871.b\UXX0856.D
Lims ID: STDA9 L2 Client ID:
Inject. Date: 12-Nov-2012 18:53:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014871-012
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 11
Lims Batch ID: 64678 Lims Sample ID: 12
Sublist: chrom-8260_10*sub2
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:23:02 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

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	1687438	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.878	0.003	84	1091451	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.127	0.002	93	554865	10.0	
18 Dichlorofluoromethane	67	2.331	2.329	0.002	95	164725	2.28	
20 Ethyl ether	59	2.604	2.601	0.003	87	91256	2.14	
29 3-Chloro-1-propene	76	3.101	3.098	0.003	90	55345	2.13	
39 Isopropyl ether	87	3.822	3.820	0.002	94	492531	10.1	
40 2-Chloro-1,3-butadiene	53	3.846	3.855	-0.009	83	140291	2.03	
41 Tert-butyl ethyl ether	59	4.118	4.127	-0.009	95	293270	2.02	
45 Propionitrile	54	4.284	4.281	0.003	34	27715	4.07	
46 Ethyl acetate	43	4.284	4.293	-0.009	98	171365	3.90	
47 Methacrylonitrile	41	4.414	4.411	0.003	88	56328	1.94	
55 Isobutyl alcohol	41	4.852	4.849	0.003	91	63194	43.8	
58 Tert-amyl methyl ether	73	5.065	5.062	0.003	96	251377	1.91	
59 n-Heptane	100	5.195	5.192	0.003	87	14617	2.05	
60 n-Butanol	56	5.408	5.405	0.003	90	48741	40.0	
65 Methyl methacrylate	41	5.775	5.784	-0.009	92	66318	1.86	
69 2-Nitropropane	41	6.106	6.115	-0.009	95	31128	3.80	
80 n-Butyl acetate	56	7.301	7.299	0.002	96	86946	0	
94 Cyclohexanone	55	8.922	8.932	-0.010	91	128051	20.9	
109 1,2,3-Trimethylbenzene	105	10.200	10.198	0.002	96	279664	1.84	
118 2-Methylnaphthalene	142	13.679	13.677	0.002	100	337237	4.41	

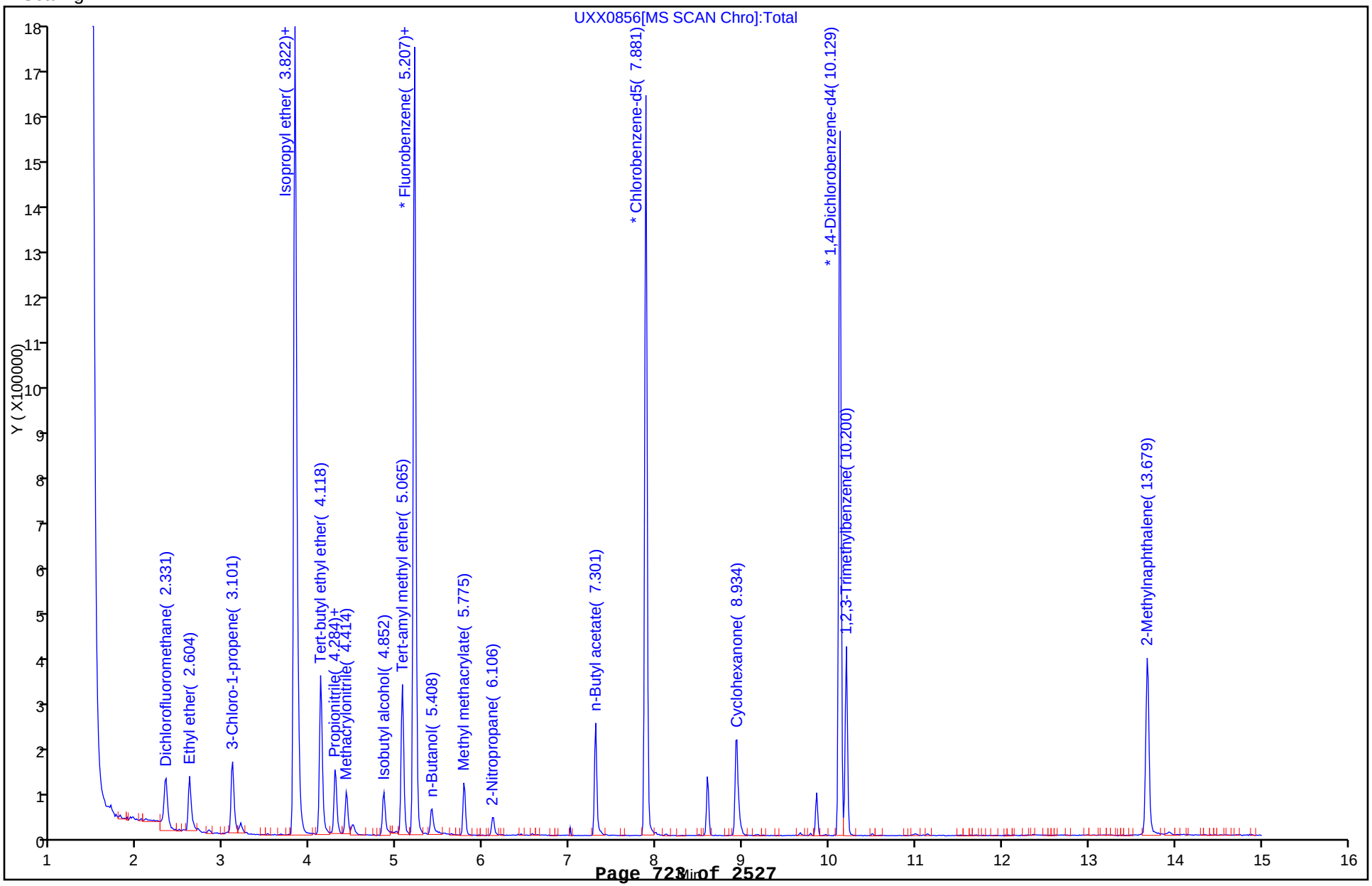
Report Date: 14-Nov-2012 12:23:02 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0856.D

Injection Date:	12-Nov-2012 18:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	12
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\20121112-14871.b\UXX0857.D		
Lims ID:	STDA9 L1	Client ID:	
Inject. Date:	12-Nov-2012 19:16:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0014871-013		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	12
Lims Batch ID:	64678	Lims Sample ID:	13
Sublist:	chrom-8260_10*sub2		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:23:03	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		
First Level Reviewer: quayler		Date:	13-Nov-2012 08:55:02

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	1669342	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.878	0.003	85	1078623	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.127	0.002	93	532286	10.0	
18 Dichlorofluoromethane	67	2.331	2.329	0.002	85	80460	1.13	
20 Ethyl ether	59	2.604	2.601	0.003	85	41138	0.9762	
29 3-Chloro-1-propene	76	3.100	3.098	0.002	87	24425	0.9489	
39 Isopropyl ether	87	3.822	3.820	0.002	93	228181	4.73	
40 2-Chloro-1,3-butadiene	53	3.846	3.855	-0.009	76	65705	0.9630	
41 Tert-butyl ethyl ether	59	4.118	4.127	-0.009	96	138066	0.9593	
45 Propionitrile	54	4.284	4.281	0.003	26	12432	1.85	
46 Ethyl acetate	43	4.284	4.293	-0.009	94	89127	2.05	
47 Methacrylonitrile	41	4.414	4.411	0.003	81	28684	1.00	
55 Isobutyl alcohol	41	4.852	4.849	0.003	77	26069	18.3	
58 Tert-amyl methyl ether	73	5.065	5.062	0.003	95	119519	0.9165	
59 n-Heptane	100	5.195	5.192	0.003	74	6900	0.9758	
60 n-Butanol	56	5.408	5.405	0.003	74	20848	17.3	
65 Methyl methacrylate	41	5.775	5.784	-0.009	81	32693	0.9275	
69 2-Nitropropane	41	6.106	6.115	-0.009	88	14400	1.78	
80 n-Butyl acetate	56	7.301	7.299	0.002	97	39843	0	
94 Cyclohexanone	55	8.922	8.932	-0.010	88	53736	9.13	
109 1,2,3-Trimethylbenzene	105	10.200	10.198	0.002	87	121230	0.8308	
118 2-Methylnaphthalene	142	13.679	13.677	0.002	97	124754	1.70	

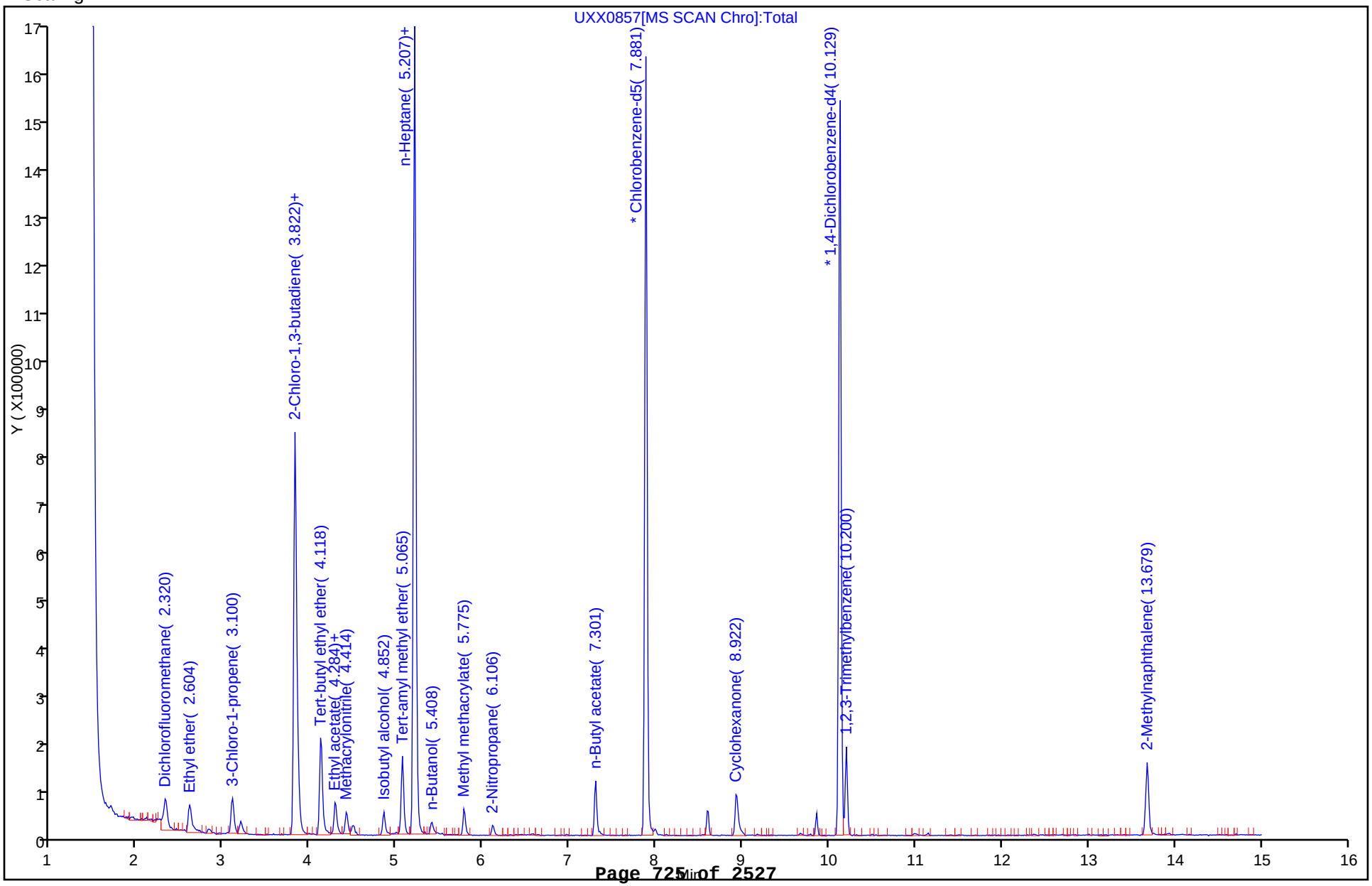
Report Date: 14-Nov-2012 12:23:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D

Injection Date:	12-Nov-2012 19:16:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	13
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.: 240-17768-1 Analy Batch No.: 66063

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/23/2012 10:11 Calibration End Date: 11/23/2012 13:03 Calibration ID: 12508

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-66063/11	149377.D
Level 2	IC 240-66063/10	149376.D
Level 3	IC 240-66063/9	149375.D
Level 4	IC 240-66063/8	149374.D
Level 5	IC 240-66063/7	149373.D
Level 6	ICIS 240-66063/6	149372.D
Level 7	IC 240-66063/5	149371.D
Level 8	IC 240-66063/4	149370.D
Level 9	IC 240-66063/3	149369.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								
Dichlorodifluoromethane	0.2211 0.2802	0.2329 0.2890	0.3170 0.2764	0.2834 0.2961	0.2917	Ave		0.2764			0.1000	11.0		15.0			
Chloromethane	0.5175 0.4851	0.4830 0.5021	0.5373 0.4773	0.4747 0.4790	0.5071	Ave		0.4959			0.1000	4.3		15.0			
Vinyl chloride	0.3288 0.3677	0.3379 0.3907	0.4093 0.3758	0.3704 0.3794	0.3855	Ave		0.3717			0.1000	6.8		15.0			
Bromomethane	+++++ 0.0987	+++++ 0.1055	0.1135 0.1012	0.1079 0.1049	0.1093	Ave		0.1059			0.0500	4.7		15.0			
Chloroethane	0.1916 0.1833	0.1738 0.1860	0.1970 0.1772	0.1855 0.1797	0.1899	Ave		0.1849				4.0		15.0			
Trichlorofluoromethane	+++++ 0.2965	+++++ 0.3208	0.2630 0.3206	0.2559 0.3450	0.2924	Ave		0.2992			0.1000	11.0		15.0			
Acrolein	0.0391 0.0369	0.0357 0.0362	0.0361 0.0381	0.0368 0.0367	0.0371	Ave		0.0370				2.8		15.0			
1,1-Dichloroethene	+++++ 0.2316	+++++ 0.2298	0.2217 0.2253	0.2175 0.2321	0.2278	Ave		0.2265			0.1000	2.4		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2115	+++++ 0.2134	0.2226 0.2044	0.2011 0.2138	0.2116	Ave		0.2112			0.0500	3.3		15.0			
Acetone	0.3151 0.0755	0.1774 0.0768	0.1209 0.0733	0.0982 0.0721	0.0825	Lin1	0.4698	0.0720			0.0500				1.0000		0.9950
Iodomethane	0.3690 0.3991	0.3562 0.4019	0.3829 0.4017	0.3760 0.4035	0.3965	Ave		0.3874				4.4		15.0			
Carbon disulfide	+++++ 0.5469	+++++ 0.5962	0.3821 0.6336	0.3993	0.4910	Lin1	-1.805	0.6240			0.1000				0.9970		0.9950
Acetonitrile	0.0290 0.0256	0.0278 0.0262	0.0321 0.0255	0.0284 0.0278	0.0272	Ave		0.0277				7.3		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.: 240-17768-1 Analy Batch No.: 66063

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/23/2012 10:11 Calibration End Date: 11/23/2012 13:03 Calibration ID: 12508

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								
Methyl acetate	0.2955 0.2326	0.2432 0.2275	0.2276 0.2271	0.2352 0.2198	0.2282	Ave		0.2374			0.1000	9.6		15.0			
Methylene Chloride	+++++ 0.2676	+++++ 0.2513	0.4218 0.2442	0.3221 0.2419	0.2894	Lin1	0.9176	0.2402			0.1000				1.0000		0.9950
2-Methyl-2-propanol	0.0195 0.0144	0.0142 0.0153	0.0155 0.0150	0.0147 0.0170	0.0144	Ave		0.0156				11.0		15.0			
Acrylonitrile	0.1124 0.1059	0.1095 0.1063	0.1054 0.1054	0.1104 0.1016	0.1071	Ave		0.1071				3.0		15.0			
trans-1,2-Dichloroethene	0.2500 0.2825	0.2586 0.2690	0.2613 0.2721	0.2678 0.2659	0.2764	Ave		0.2671			0.1000	3.6		15.0			
Methyl tert-butyl ether	0.5879 0.6053	0.5534 0.5979	0.5429 0.6135	0.5540 0.5912	0.5675	Ave		0.5793			0.1000	4.4		15.0			
Hexane	+++++ 0.0749	+++++ 0.0715	0.0733 0.0698	0.0716 0.0706	0.0727	Ave		0.0721				2.4		15.0			
1,1-Dichloroethane	0.5775 0.6136	0.5573 0.5935	0.5688 0.6088	0.5702 0.6045	0.5958	Ave		0.5878			0.1000	3.4		15.0			
Vinyl acetate	+++++ 0.0319	+++++ 0.0333	0.0247 0.0333	0.0260 0.0318	0.0295	Ave		0.0301				12.0		15.0			
2,2-Dichloropropane	+++++ 0.2101	+++++ 0.2115	0.1668 0.2170	0.1820 0.2082	0.2085	Ave		0.2006				9.3		15.0			
cis-1,2-Dichloroethene	0.2933 0.2981	0.2874 0.2864	0.2810 0.2889	0.2833 0.2831	0.2848	Ave		0.2874			0.1000	1.9		15.0			
2-Butanone (MEK)	+++++ 0.1186	+++++ 0.1246	0.1274 0.1210	0.1248 0.1197	0.1204	Ave		0.1223			0.0500	2.6		15.0			
Bromochloromethane	0.1373 0.1375	0.1282 0.1324	0.1267 0.1342	0.1264 0.1303	0.1316	Ave		0.1316				3.2		15.0			
Tetrahydrofuran	0.0787 0.0801	0.0846 0.0802	0.0822 0.0812	0.0754 0.0776	0.0784	Ave		0.0798				3.4		15.0			
Chloroform	0.4419 0.4772	0.4339 0.4655	0.4351 0.4750	0.4497 0.4703	0.4621	Ave		0.4567				3.7		15.0			
1,1,1-Trichloroethane	+++++ 0.3612	+++++ 0.3641	0.2973 0.3693	0.3084 0.3668	0.3421	Ave		0.3442			0.1000	8.6		15.0			
Cyclohexane	+++++ 0.7605	+++++ 0.7585	0.7425 0.7421	0.7192 0.7643	0.7419	Ave		0.7470			0.1000	2.1		15.0			
1,1-Dichloropropene	0.3387 0.3972	0.3147 0.3813	0.3663 0.3800	0.3719 0.3805	0.3837	Ave		0.3682				7.0		15.0			
Carbon tetrachloride	+++++ 0.3408	+++++ 0.3484	0.2421 0.3548	0.2675 0.3616	0.3078	Lin1	-0.765	0.3601			0.1000				1.0000		0.9950
Benzene	1.0597 1.0537	1.0347 1.0277	1.0079 1.0382	1.0024 1.0371	1.0221	Ave		1.0315			0.5000	1.8		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 CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17768-1 Analy Batch No.: 66063

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/23/2012 10:11 Calibration End Date: 11/23/2012 13:03 Calibration ID: 12508

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-Dichloroethane	0.4342 0.4291	0.4354 0.4200	0.4276 0.4229	0.4181 0.4188	0.4193	Ave		0.4250			0.1000	1.6		15.0			
Trichloroethene	0.2715 0.3108	0.2672 0.3033	0.2947 0.3008	0.2891 0.3051	0.3014	Ave		0.2938			0.2000	5.2		15.0			
Methylcyclohexane	+++++ 0.5343	+++++ 0.5255	0.5041 0.5115	0.5021 0.5151	0.5218	Ave		0.5164			0.1000	2.3		15.0			
1,2-Dichloropropane	0.2910 0.3184	0.2719 0.3164	0.2971 0.3163	0.2990 0.3218	0.3020	Ave		0.3038			0.1000	5.3		15.0			
Dibromomethane	0.1152 0.1256	0.1193 0.1248	0.1179 0.1235	0.1155 0.1235	0.1183	Ave		0.1204				3.3		15.0			
1,4-Dioxane	0.0016 0.0016	0.0012 0.0016	0.0016 0.0016	0.0016 0.0017	0.0016	Ave		0.0015				9.4		15.0			
Bromodichloromethane	+++++ 0.2747	+++++ 0.2926	0.1965 0.3031	0.2113 0.3065	0.2333	Lin1	-0.816	0.3051			0.1000				0.9990		0.9950
2-Chloroethyl vinyl ether	+++++ 0.1148	+++++ 0.1288	0.1062 0.1234	0.0972 0.1281	0.1047	Ave		0.1147				11.0		15.0			
cis-1,3-Dichloropropene	+++++ 0.3277	+++++ 0.3541	0.2241 0.3554	0.2436 0.3702	0.2789	Lin1	-1.031	0.3650			0.1500				0.9990		0.9950
4-Methyl-2-pentanone (MIBK)	0.3478 0.3995	0.3383 0.3933	0.3347 0.4023	0.3795 0.3776	0.3848	Ave		0.3731			0.0500	7.0		15.0			
Toluene	1.7223 1.7949	1.6485 1.7077	1.6526 1.7856	1.7530 1.7339	1.7533	Ave		1.7280			0.4000	3.0		15.0			
trans-1,3-Dichloropropene	+++++ 0.4287	+++++ 0.4497	0.2720 0.4788	0.3101 0.4698	0.3641	Lin1	-1.406	0.4743			0.1000				0.9990		0.9950
Ethyl methacrylate	+++++ 0.3471	+++++ 0.3616	0.2729 0.3650	0.2940 0.3594	0.3127	Ave		0.3304				11.0		15.0			
1,1,2-Trichloroethane	0.2496 0.2732	0.2465 0.2646	0.2538 0.2710	0.2621 0.2585	0.2619	Ave		0.2601			0.1000	3.5		15.0			
Tetrachloroethene	0.4200 0.3976	0.3371 0.3753	0.3653 0.3864	0.4002 0.3748	0.3916	Ave		0.3831			0.2000	6.2		15.0			
1,3-Dichloropropane	0.4907 0.4698	0.4733 0.4653	0.4355 0.4738	0.4597 0.4644	0.4584	Ave		0.4656				3.2		15.0			
2-Hexanone	0.2189 0.2232	0.2100 0.2382	0.2043 0.2327	0.2111 0.2314	0.2120	Ave		0.2202			0.0500	5.4		15.0			
Dibromochloromethane	+++++ 0.2908	+++++ 0.3090	0.1740 0.3429	0.2108 0.3348	0.2370	Lin1	-1.172	0.3364							0.9980		0.9950
1,2-Dibromoethane	0.2470 0.2722	0.2194 0.2726	0.2345 0.2756	0.2542 0.2681	0.2616	Ave		0.2561				7.5		15.0			
Chlorobenzene	1.1462 1.1163	1.1348 1.0972	1.0967 1.1170	1.0804 1.1144	1.0856	Ave		1.1099			0.3000	2.0		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.: 240-17768-1 Analy Batch No.: 66063

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/23/2012 10:11 Calibration End Date: 11/23/2012 13:03 Calibration ID: 12508

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								
1,1,1,2-Tetrachloroethane	+++++ 0.3916	+++++ 0.3843	0.2781 0.4040	0.3242 0.3935	0.3540	Ave		0.3614				13.0		15.0			
Ethylbenzene	0.5486 0.6124	0.5518 0.5980	0.5622 0.6008	0.5855 0.6029	0.5858	Ave		0.5831				4.0		15.0			
m-Xylene & p-Xylene	0.6751 0.7445	0.6654 0.7257	0.6880 0.7330	0.7085 0.7372	0.7308	Ave		0.7120				4.1		15.0			
o-Xylene	0.6722 0.7219	0.6429 0.7007	0.6659 0.7022	0.6917 0.6871	0.7127	Ave		0.6886				3.6		15.0			
Styrene	0.8239 1.0544	0.8458 1.0763	0.9314 1.0847	0.9496 1.0894	1.0110	Ave		0.9852			0.3000	10.0		15.0			
Bromoform	+++++ 0.1318	+++++ 0.1542	0.0806 0.1736	0.0972	0.1090	Qua	-0.472	0.1369	0.0002		0.1000				1.0000		0.9900
Isopropylbenzene	1.5555 1.9211	1.5212 1.8979	1.7250 1.9264	1.8109 1.7712	1.8726	Ave		1.7780			0.1000	8.6		15.0			
1,1,2,2-Tetrachloroethane	0.4975 0.5926	0.4866 0.6207	0.5237 0.6309	0.5391 0.5869	0.5726	Ave		0.5612			0.3000	9.3		15.0			
Bromobenzene	0.9650 0.8751	0.8284 0.8986	0.8597 0.8956	0.8438 0.8798	0.8338	Ave		0.8755				4.8		15.0			
1,2,3-Trichloropropane	0.1802 0.1908	0.1835 0.1914	0.1813 0.1898	0.1885 0.1790	0.1893	Ave		0.1860				2.7		15.0			
trans-1,4-Dichloro-2-butene	0.2297 0.2236	0.2094 0.2455	0.1934 0.2444	0.1972 0.2463	0.2070	Ave		0.2218				9.5		15.0			
N-Propylbenzene	0.8519 1.0757	0.8178 1.0896	0.9619 1.0689	0.9793 1.0716	1.0498	Ave		0.9963				10.0		15.0			
2-Chlorotoluene	0.9186 0.9212	0.8747 0.9250	0.9083 0.9179	0.8992 0.9000	0.9117	Ave		0.9085				1.7		15.0			
1,3,5-Trimethylbenzene	2.4523 3.1900	2.4377 3.2015	2.8163 3.2405	2.9367 3.1824	3.0778	Ave		2.9483				11.0		15.0			
4-Chlorotoluene	0.8991 0.8873	0.8192 0.9064	0.8801 0.8999	0.8756 0.8956	0.8803	Ave		0.8826				2.9		15.0			
tert-Butylbenzene	2.2525 3.0769	2.2372 3.0873	2.7635 3.1478	2.8249 3.0291	2.9526	Ave		2.8191				12.0		15.0			
1,2,4-Trimethylbenzene	2.6558 3.0648	2.5425 3.0794	2.7934 3.1417	2.8514 3.1096	2.9818	Ave		2.9134				7.4		15.0			
sec-Butylbenzene	2.7725 4.1042	2.9753 4.0650	3.6596 4.1744	3.7953 3.9391	3.9631	Ave		3.7165				14.0		15.0			
1,3-Dichlorobenzene	1.9249 1.6852	1.7405 1.6975	1.7004 1.7024	1.6517 1.6824	1.6868	Ave		1.7191			0.6000	4.7		15.0			
4-Isopropyltoluene	2.5556 3.5471	2.5819 3.5908	3.1284 3.6861	3.3276 3.6111	3.4709	Ave		3.2777				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.: 240-17768-1 Analy Batch No.: 66063

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/23/2012 10:11 Calibration End Date: 11/23/2012 13:03 Calibration ID: 12508

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	1.9851 1.6683	1.8676 1.7073	1.7463 1.7150	1.6663 1.6968	1.6955	Ave		1.7498			0.5000	6.1		15.0			
n-Butylbenzene	2.1850 2.9186	2.1971 2.9140	2.6186 2.9517	2.7454 2.9381	2.8428	Ave		2.7013				11.0		15.0			
1,2-Dichlorobenzene	1.7736 1.5426	1.6978 1.5534	1.6461 1.6002	1.5791 1.5358	1.5756	Ave		1.6116			0.4000	5.0		15.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0874	+++++ 0.0993	0.0570 0.1179	0.0723	0.0817	Qua	-0.119	0.0819	0.0002		0.0500				1.0000		0.9900
1,3,5-Trichlorobenzene	1.3085 1.2012	1.2916 1.1803	1.2824 1.2747	1.2886 1.2562	1.2722	Ave		1.2617				3.4		15.0			
1,2,4-Trichlorobenzene	1.3024 0.9908	1.2218 0.9770	1.1058 1.0943	1.1393 1.0195	1.0542	Ave		1.1006			0.2000	9.8		15.0			
Hexachlorobutadiene	0.5202 0.5445	0.5092 0.4829	0.5927 0.4956	0.6100 0.4969	0.5975	Ave		0.5388				9.1		15.0			
Naphthalene	2.4689 1.8715	2.2193 1.9346	1.9651 2.2841	2.0665 2.0514	1.9402	Ave		2.0891				9.4		15.0			
1,2,3-Trichlorobenzene	+++++ 0.7718	+++++ 0.7598	0.9640 0.8936	0.9760 0.8428	0.8645	Ave		0.8675				9.8		15.0			
Dibromofluoromethane (Surr)	0.4361 0.2371	0.3310 0.2462	0.2639 0.2480	0.2618 0.2449	0.2559	Lin1	0.1723	0.2444							1.0000		0.9950
1,2-Dichloroethane-d4 (Surr)	0.6551 0.2843	0.4961 0.3017	0.3769 0.3042	0.3410 0.3031	0.3286	Lin1	0.3673	0.2997							0.9990		0.9950
Toluene-d8 (Surr)	3.2908 1.4884	2.2173 1.5124	1.7214 1.5683	1.7133 1.5270	1.6365	Lin1	1.5600	1.5254							0.9990		0.9950
4-Bromofluorobenzene (Surr)	2.0917 0.9031	1.4278 0.9957	1.1528 0.9892	1.0634 0.9856	1.0099	Lin1	0.9790	0.9744							0.9990		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17768-1 Analy Batch No.: 66063

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/23/2012 10:11 Calibration End Date: 11/23/2012 13:03 Calibration ID: 12508

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-66063/11	149377.D
Level 2	IC 240-66063/10	149376.D
Level 3	IC 240-66063/9	149375.D
Level 4	IC 240-66063/8	149374.D
Level 5	IC 240-66063/7	149373.D
Level 6	ICIS 240-66063/6	149372.D
Level 7	IC 240-66063/5	149371.D
Level 8	IC 240-66063/4	149370.D
Level 9	IC 240-66063/3	149369.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 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Ave	8996 608715	19301 1229789	66421 2458893	122854 3160094	245672	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chloromethane	FB	Ave	21055 1053925	40017 2136476	112573 4245744	205773 5112939	427162	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Vinyl chloride	FB	Ave	13377 798930	27998 1662370	85754 3342970	160539 4049506	324695	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromomethane	FB	Ave	+++++ 214419	+++++ 448791	23772 900586	46773 1120054	92057	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Chloroethane	FB	Ave	7797 398275	14404 791365	41276 1576347	80428 1918105	159974	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Trichlorofluoromethane	FB	Ave	+++++ 644128	+++++ 1365015	55098 2851285	110915 3682650	246296	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Acrolein	FB	Ave	15924 802249	29606 1541085	75677 3385016	159555 3912978	312122	10.0 500	20.0 1000	50.0 2000	100 2500	200
1,1-Dichloroethene	FB	Ave	+++++ 503252	+++++ 977574	46444 2003870	94260 2477714	191876	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	+++++ 459410	+++++ 907770	46638 1818478	87181 2282144	178188	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Acetone	FB	Lin1	25637 328079	29398 653921	50674 1304324	85119 1539380	139011	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Iodomethane	FB	Ave	15012 867159	29515 1709903	80237 3573012	162998 4307195	333986	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Carbon disulfide	FB	Lin1	+++++ 1188162	+++++ 2536476	80051 5635365	173075	413600	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
Acetonitrile	FB	Ave	11784 556862	23041 1116391	67286 2271871	122929 2968599	229427	10.0 500	20.0 1000	50.0 2000	100 2500	200
Methyl acetate	FB	Ave	24047 1010650	40305 1935717	95398 4040374	203914 4692561	384472	2.00 100	4.00 200	10.0 400	20.0 500	40.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17768-1 Analy Batch No.: 66063

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/23/2012 10:11 Calibration End Date: 11/23/2012 13:03 Calibration ID: 12508

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			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
Methylene Chloride	FB	Lin1	+++++ 581469	+++++ 1069055	88373 2171680	139607 2582034	243721	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
2-Methyl-2-propanol	FB	Ave	15899 624385	23532 1300357	65140 2671969	127806 3631088	241976	20.0 1000	40.0 2000	100 4000	200 5000	400
Acrylonitrile	FB	Ave	9143 459938	18143 904261	44170 1874217	95668 2168621	180477	2.00 100	4.00 200	10.0 400	20.0 500	40.0
trans-1,2-Dichloroethene	FB	Ave	10173 613735	21426 1144677	54759 2420391	116094 2837862	232765	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methyl tert-butyl ether	FB	Ave	23918 1315031	45857 2543894	113758 5457360	240162 6309701	478019	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Hexane	FB	Ave	+++++ 162735	+++++ 304071	15357 621060	31052 753962	61198	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
1,1-Dichloroethane	FB	Ave	23497 1333129	46179 2525055	119188 5414974	247179 6452205	501820	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Vinyl acetate	FB	Ave	+++++ 69263	+++++ 141614	5169 296534	11286 338901	24807	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
2,2-Dichloropropane	FB	Ave	+++++ 456355	+++++ 900004	34957 1930609	78906 2222647	175649	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
cis-1,2-Dichloroethene	FB	Ave	11935 647575	23816 1218505	58883 2569829	122795 3021507	239896	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Butanone (MEK)	FB	Ave	+++++ 515204	+++++ 1059957	53368 2153205	108181 2556092	202746	+++++ 100	+++++ 200	10.0 400	20.0 500	40.0
Bromochloromethane	FB	Ave	5586 298630	10621 563118	26555 1193943	54787 1391271	110859	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Tetrahydrofuran	FB	Ave	3200 174049	7007 341345	17224 722562	32678 828153	66040	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chloroform	FB	Ave	17979 1036739	35951 1980497	91173 4224768	194925 5019526	389223	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 784709	+++++ 1549208	62298 3284633	133704 3914766	288123	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Cyclohexane	FB	Ave	+++++ 1652156	+++++ 3227030	155572 6601115	311766 8157670	624880	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
1,1-Dichloropropene	FB	Ave	13780 862906	26073 1622330	76755 3379716	161199 4060839	323159	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Carbon tetrachloride	FB	Lin1	+++++ 740357	+++++ 1482494	50721 3156081	115951 3859746	259288	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Benzene	FB	Ave	43114 2289257	85733 4372510	211186 9234636	434492 11069690	860927	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloroethane	FB	Ave	17668 932171	36072 1787089	89587 3761993	181237 4469921	353134	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Trichloroethene	FB	Ave	11047 675170	22139 1290379	61752 2675915	125318 3256276	253897	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17768-1 Analy Batch No.: 66063

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/23/2012 10:11 Calibration End Date: 11/23/2012 13:03 Calibration ID: 12508

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			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
Methylcyclohexane	FB	Ave	+++++ 1160863	+++++ 2236073	105624 4549946	217649 5497372	439516	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
1,2-Dichloropropane	FB	Ave	11841 691804	22531 1346311	62253 2813318	129629 3434225	254386	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Dibromomethane	FB	Ave	4689 272849	9887 531032	24709 1098430	50066 1318104	99654	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,4-Dioxane	FB	Ave	3184 170032	4837 346827	16965 690543	33756 883078	65483	50.0 2500	100 5000	250 10000	500 12500	1000
Bromodichloromethane	FB	Lin1	+++++ 596852	+++++ 1244841	41174 2695986	91574 3271826	196502	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 498828	+++++ 1095766	44513 2194453	84277 2735600	176292	+++++ 100	+++++ 200	10.0 400	20.0 500	40.0
cis-1,3-Dichloropropene	FB	Lin1	+++++ 711956	+++++ 1506812	46949 3160781	105583 3951596	234929	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	15932 1018715	32291 2107891	87120 4234443	182581 5108097	373901	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Toluene	CBZ	Ave	39445 2288548	78684 4576383	215082 9396311	421679 11728581	851820	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,3-Dichloropropene	CBZ	Lin1	+++++ 546582	+++++ 1205062	35399 2519689	74605 3177731	176911	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Ethyl methacrylate	CBZ	Ave	+++++ 442552	+++++ 969146	35513 1920843	70719 2431042	151924	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
1,1,2-Trichloroethane	CBZ	Ave	5717 348362	11765 709029	33036 1426047	63037 1748638	127223	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Tetrachloroethene	CBZ	Ave	9618 506908	16091 1005777	47550 2033160	96266 2534975	190267	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3-Dichloropropane	CBZ	Ave	11238 598961	22589 1246918	56683 2493380	110586 3141197	222688	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Hexanone	CBZ	Ave	10026 569241	20050 1276907	53191 2448660	101547 3130735	205955	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Dibromochloromethane	CBZ	Lin1	+++++ 370747	+++++ 828175	22652 1804154	50711 2264836	115127	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
1,2-Dibromoethane	CBZ	Ave	5657 347048	10473 730403	30524 1450030	61149 1813196	127079	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chlorobenzene	CBZ	Ave	26252 1423277	54167 2940229	142741 5877862	259900 7537819	527421	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	+++++ 499253	+++++ 1029848	36199 2126102	77990 2661738	171985	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Ethylbenzene	CBZ	Ave	12565 780775	26338 1602677	73171 3161415	140837 4078499	284622	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
m-Xylene & p-Xylene	CBZ	Ave	30925 1898565	63524 3889362	179076 7714653	340837 9973025	710046	2.00 100	4.00 200	10.0 400	20.0 500	40.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17768-1 Analy Batch No.: 66063

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/23/2012 10:11 Calibration End Date: 11/23/2012 13:03 Calibration ID: 12508

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			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
o-Xylene	CBZ	Ave	15394 920396	30688 1877848	86667 3695224	166382 4647886	346238	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Styrene	CBZ	Ave	18870 1344294	40370 2884335	121218 5707741	228437 7369057	491176	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromoform	CBZ	Qua	+++++ 168064	+++++ 413111	10487 913752	23370	52976	+++++ 50.0	+++++ 100	5.00 200	10.0	20.0
Isopropylbenzene	CBZ	Ave	35626 2449383	72611 5086143	224515 10136771	435612 11981054	909754	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	5771 363511	11789 792039	34173 1582599	64266 1921844	136708	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromobenzene	DCB	Ave	11195 536807	20069 1146742	56096 2246444	100591 2880861	199060	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichloropropane	DCB	Ave	2090 117062	4446 244192	11833 475979	22474 586004	45204	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	2665 137172	5072 313263	12620 612934	23502 806356	49423	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
N-Propylbenzene	DCB	Ave	9883 659852	19813 1390470	62765 2681226	116742 3508946	250629	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Chlorotoluene	DCB	Ave	10657 565034	21191 1180413	59268 2302560	107194 2946871	217665	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3,5-Trimethylbenzene	DCB	Ave	28449 1956695	59056 4085499	183769 8128515	350075 10420475	734817	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Chlorotoluene	DCB	Ave	10431 544258	19845 1156743	57427 2257418	104383 2932560	210161	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
tert-Butylbenzene	DCB	Ave	26131 1887372	54199 3939845	180325 7896014	336753 9918738	704922	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,4-Trimethylbenzene	DCB	Ave	30810 1879913	61593 3929777	182276 7880804	339908 10182308	711890	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
sec-Butylbenzene	DCB	Ave	32164 2517458	72080 5187493	238798 10471066	452430 12898183	946197	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3-Dichlorobenzene	DCB	Ave	22331 1033698	42165 2166219	110957 4270318	196898 5508973	402720	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Isopropyltoluene	DCB	Ave	29647 2175768	62549 4582271	204133 9246326	396677 11824344	828672	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,4-Dichlorobenzene	DCB	Ave	23029 1023311	45245 2178782	113948 4301835	198637 5556152	404787	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Butylbenzene	DCB	Ave	25348 1790216	53226 3718686	170870 7404212	327277 9620532	678710	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichlorobenzene	DCB	Ave	20575 946221	41130 1982277	107410 4013935	188241 5028848	376171	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dibromo-3-Chloropropane	DCB	Qua	+++++ 53639	+++++ 126771	3720 295655	8623	19504	+++++ 50.0	+++++ 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.: 240-17768-1 Analy Batch No.: 66063

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/23/2012 10:11 Calibration End Date: 11/23/2012 13:03 Calibration ID: 12508

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			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
1,3,5-Trichlorobenzene	DCB	Ave	15180 736807	31289 1506252	83678 3197560	153617 4113336	303726	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,4-Trichlorobenzene	DCB	Ave	15109 607754	29600 1246763	72154 2744952	135818 3338412	251685	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Hexachlorobutadiene	DCB	Ave	6035 333969	12336 616186	38674 1243240	72719 1627182	142662	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Naphthalene	DCB	Ave	28642 1147954	53764 2468811	128229 5729393	246349 6717296	463225	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichlorobenzene	DCB	Ave	+++++ 473423	+++++ 969595	62905 2241540	116346 2759761	206392	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Dibromofluoromethane (Surr)	FB	Lin1	17742 515164	27428 1047726	55296 2206254	113489 2614437	215498	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Lin1	26652 617593	41104 1283610	78968 2705639	147816 3234622	276767	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Toluene-d8 (Surr)	CBZ	Lin1	75369 1897698	105837 4053028	224046 8252411	412124 10328708	795068	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Bromofluorobenzene (Surr)	DCB	Lin1	24266 553966	34590 1270621	75222 2481203	126766 3227192	241107	1.00 50.0	2.00 100	5.00 200	10.0 250	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\A3UX14\20121123-15202.b\149369.D
Lims ID: IC Client ID:
Inject. Date: 23-Nov-2012 10:11:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 9
Sample ID: ic
Misc. Info.: 240-0015202-003 =240-0015202-003
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 66063 Lims Sample ID: 3
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:56:53 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks Date: 23-Nov-2012 11:00:36

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2134686	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	1352850	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	93	654887	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	61	2614437	249.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.553	0.0	96	3234622	251.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	78	10328708	249.2	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	3227192	251.9	
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	87	3160094	267.8	
13 Chloromethane	50	1.619	1.607	0.012	89	5112939	241.5	
14 Vinyl chloride	62	1.737	1.737	0.0	83	4049506	255.2	
15 Bromomethane	94	2.069	2.069	0.0	91	1120054	247.8	
16 Chloroethane	64	2.187	2.187	0.0	94	1918105	243.0	
18 Trichlorofluoromethane	101	2.507	2.507	0.0	85	3682650	288.3	
20 Acrolein	56	3.039	3.039	0.0	98	3912978	2479.2	
21 1,1-Dichloroethene	96	3.157	3.157	0.0	82	2477714	256.2	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.193	0.0	83	2282144	253.1	
22 Acetone	43	3.252	3.264	-0.012	94	1539380	494.2	
24 Iodomethane	142	3.347	3.347	0.0	99	4307195	260.4	
26 Carbon disulfide	76	3.429	3.430	-0.001	98	6847465	259.9	
27 Acetonitrile	41	3.666	3.666	0.0	99	2968599	2506.1	
28 Methyl acetate	43	3.761	3.761	0.0	98	4692561	462.9	
30 Methylene Chloride	84	3.891	3.891	0.0	86	2582034	248.0	
31 2-Methyl-2-propanol	59	4.199	4.199	0.0	93	3631088	5464.7	
32 Acrylonitrile	53	4.305	4.305	0.0	95	2168621	474.3	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	86	2837862	248.9	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	91	6309701	255.1	
35 Hexane	86	4.743	4.743	0.0	94	753962	245.1	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	6452205	257.1	
37 Vinyl acetate	86	5.039	5.039	0.0	97	338901	264.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	76	2222647	259.5	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	79	3021507	246.3	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	2556092	489.4	
47 Chlorobromomethane	128	5.926	5.926	0.0	85	1391271	247.6	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	828153	243.0	
49 Chloroform	83	6.033	6.033	0.0	84	5019526	257.4	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	88	3914766	266.4	
51 Cyclohexane	56	6.269	6.269	0.0	90	8157670	255.8	
53 Carbon tetrachloride	117	6.388	6.388	0.0	74	3859746	253.2	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	4060839	258.3	
55 Benzene	78	6.601	6.601	0.0	96	11069690	251.4	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	4469921	246.3	
60 Trichloroethene	130	7.240	7.240	0.0	91	3256276	259.6	
63 Methylcyclohexane	83	7.417	7.417	0.0	94	5497372	249.4	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	92	3434225	264.8	
65 Dibromomethane	93	7.559	7.559	0.0	88	1318104	256.4	
66 1,4-Dioxane	88	7.583	7.583	0.0	91	883078	13424	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	3271826	253.9	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	90	2735600	558.4	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	82	3951596	256.4	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	5108097	506.0	
72 Toluene	91	8.411	8.411	0.0	91	11728581	250.9	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	91	3177731	250.6	
74 Ethyl methacrylate	69	8.683	8.683	0.0	91	2431042	271.9	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	1748638	248.4	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	2534975	244.5	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	3141197	249.3	
78 2-Hexanone	43	8.979	8.979	0.0	99	3130735	525.5	
79 Chlorodibromomethane	129	9.109	9.109	0.0	86	2264836	252.3	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	1813196	261.6	
82 Chlorobenzene	112	9.618	9.618	0.0	91	7537819	251.0	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	89	2661738	272.2	
84 Ethylbenzene	106	9.713	9.713	0.0	97	4078499	258.5	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	88	9973025	517.7	
85 o-Xylene	106	10.151	10.151	0.0	95	4647886	249.5	
86 Styrene	104	10.162	10.162	0.0	94	7369057	276.5	
87 Bromoform	173	10.328	10.328	0.0	97	1183227	240.1	
88 Isopropylbenzene	105	10.458	10.458	0.0	97	11981054	249.0	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	81	1921844	261.5	
91 Bromobenzene	156	10.719	10.719	0.0	93	2880861	251.2	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	73	586004	240.6	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	55	806356	277.5	
94 N-Propylbenzene	120	10.801	10.801	0.0	95	3508946	268.9	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	2946871	247.6	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	10420475	269.8	
104 4-Chlorotoluene	126	10.979	10.967	0.012	98	2932560	253.7	
97 tert-Butylbenzene	119	11.227	11.227	0.0	88	9918738	268.6	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	10182308	266.8	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	12898183	265.0	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	5508973	244.7	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	93	11824344	275.4	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	91	5556152	242.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	9620532	271.9	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	5028848	238.2	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	80	361176	225.0	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	96	4113336	248.9	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	91	3338412	231.6	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	1627182	230.6	
111 Naphthalene	128	13.440	13.440	0.0	97	6717296	245.5	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	93	2759761	242.9	
S 137 Trihalomethanes, Total	1				0		1003.7	
S 11 1,2-Dichloroethene, Total	96				0		495.2	
S 9 1,3-Dichloropropene, Total	75				0		507.0	
S 114 Xylenes, Total	106				0		767.1	

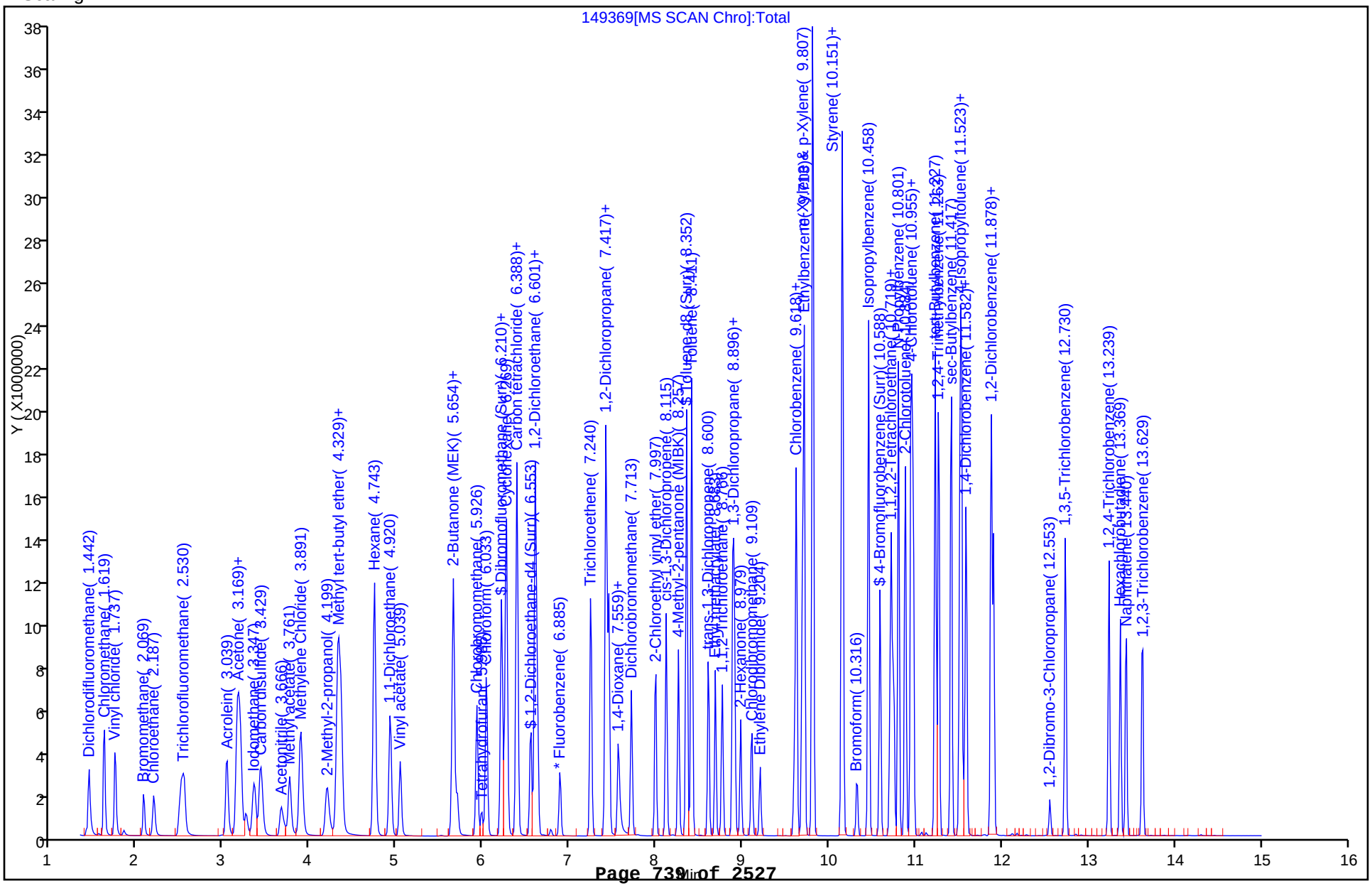
Report Date: 25-Nov-2012 10:56:54 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149369.D

Injection Date:	23-Nov-2012 10:11:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	3
Operator ID:	002808	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\A3UX14\20121123-15202.b\149370.D		
Lims ID:	IC	Client ID:	
Inject. Date:	23-Nov-2012 10:33:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	8
Sample ID:	ic		
Misc. Info.:	240-0015202-004 =240-0015202-004		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	3
Lims Batch ID:	66063	Lims Sample ID:	4
Sublist:	chrom-8260_14*sub16		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m		
Last Update:	25-Nov-2012 10:56:54	Calib Date:	23-Nov-2012 13:03:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: macenczaks		Date:	23-Nov-2012 11:16:29

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2223707	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	1315539	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.571	-0.001	92	627104	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	70	2206254	202.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.553	0.0	96	2705639	201.8	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	8252411	204.6	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	2481203	202.0	
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	87	2458893	200.0	
13 Chloromethane	50	1.619	1.607	0.012	89	4245744	192.5	
14 Vinyl chloride	62	1.737	1.737	0.0	83	3342970	202.2	
15 Bromomethane	94	2.069	2.069	0.0	91	900586	191.3	
16 Chloroethane	64	2.187	2.187	0.0	94	1576347	191.7	
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	86	2851285	214.3	
20 Acrolein	56	3.039	3.039	0.0	96	3385016	2058.8	
21 1,1-Dichloroethene	96	3.157	3.157	0.0	82	2003870	198.9	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.193	0.0	83	1818478	193.6	
22 Acetone	43	3.264	3.264	0.0	99	1304324	400.7	
24 Iodomethane	142	3.347	3.347	0.0	99	3573012	207.4	
26 Carbon disulfide	76	3.429	3.430	-0.001	99	5635365	206.0	
27 Acetonitrile	41	3.666	3.666	0.0	99	2271871	1841.1	
28 Methyl acetate	43	3.761	3.761	0.0	98	4040374	382.6	
30 Methylene Chloride	84	3.891	3.891	0.0	87	2171680	199.5	
31 2-Methyl-2-propanol	59	4.199	4.199	0.0	93	2671969	3860.3	
32 Acrylonitrile	53	4.305	4.305	0.0	97	1874217	393.5	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	87	2420391	203.8	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	94	5457360	211.8	
35 Hexane	86	4.743	4.743	0.0	94	621060	193.8	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	5414974	207.1	
37 Vinyl acetate	86	5.039	5.039	0.0	97	296534	221.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	79	1930609	216.4	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	79	2569829	201.1	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	2153205	395.7	
47 Chlorobromomethane	128	5.926	5.926	0.0	85	1193943	204.0	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	722562	203.5	
49 Chloroform	83	6.033	6.033	0.0	84	4224768	208.0	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	3284633	214.6	
51 Cyclohexane	56	6.269	6.269	0.0	90	6601115	198.7	
53 Carbon tetrachloride	117	6.388	6.388	0.0	76	3156081	199.2	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	3379716	206.4	
55 Benzene	78	6.601	6.601	0.0	96	9234636	201.3	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	3761993	199.0	
60 Trichloroethene	130	7.240	7.240	0.0	91	2675915	204.8	
63 Methylcyclohexane	83	7.417	7.417	0.0	94	4549946	198.1	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	90	2813318	208.2	
65 Dibromomethane	93	7.559	7.559	0.0	87	1098430	205.1	
66 1,4-Dioxane	88	7.583	7.583	0.0	91	690543	10077	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	2695986	201.4	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	90	2194453	430.0	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	83	3160781	197.5	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	4234443	431.4	
72 Toluene	91	8.411	8.411	0.0	90	9396311	206.7	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	91	2519689	204.9	
74 Ethyl methacrylate	69	8.683	8.683	0.0	92	1920843	221.0	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	1426047	208.4	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	2033160	201.7	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	2493380	203.5	
78 2-Hexanone	43	8.979	8.979	0.0	99	2448660	422.6	
79 Chlorodibromomethane	129	9.109	9.109	0.0	86	1804154	207.3	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	1450030	215.2	
82 Chlorobenzene	112	9.618	9.618	0.0	91	5877862	201.3	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	2126102	223.6	
84 Ethylbenzene	106	9.713	9.713	0.0	98	3161415	206.1	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	95	7714653	411.8	
85 o-Xylene	106	10.151	10.151	0.0	95	3695224	204.0	
86 Styrene	104	10.162	10.162	0.0	94	5707741	220.2	
87 Bromoform	173	10.328	10.328	0.0	97	913752	199.8	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	10136771	216.7	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	1582599	224.9	
91 Bromobenzene	156	10.719	10.719	0.0	93	2246444	204.6	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	72	475979	204.1	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	64	612934	220.3	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	2681226	214.6	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	2302560	202.1	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	8128515	219.8	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	2257418	203.9	
97 tert-Butylbenzene	119	11.227	11.227	0.0	84	7896014	223.3	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	98	7880804	215.7	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	10471066	224.6	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	4270318	198.1	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	93	9246326	224.9	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	92	4301835	196.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	7404212	218.5	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	4013935	198.6	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	78	295655	200.0	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	3197560	202.1	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	90	2744952	198.9	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	1243240	184.0	
111 Naphthalene	128	13.440	13.440	0.0	97	5729393	218.7	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	93	2241540	206.0	
S 137 Trihalomethanes, Total	1				0		816.5	
S 11 1,2-Dichloroethene, Total	96				0		404.8	
S 9 1,3-Dichloropropene, Total	75				0		402.4	
S 114 Xylenes, Total	106				0		615.8	

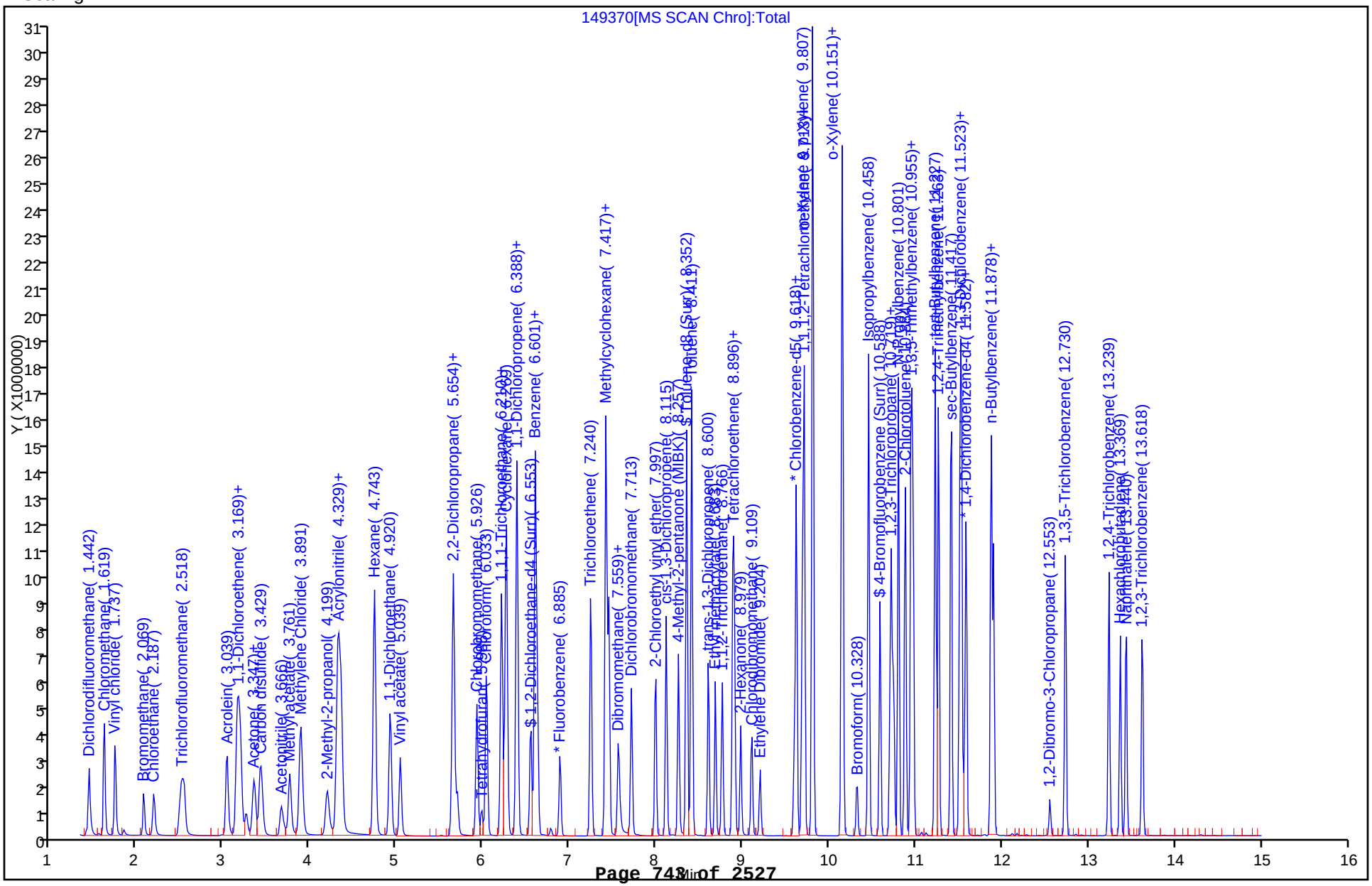
Report Date: 25-Nov-2012 10:56:55 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149370.D

Injection Date:	23-Nov-2012 10:33:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	4
Operator ID:	002808	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\A3UX14\20121123-15202.b\149371.D
Lims ID: IC Client ID:
Inject. Date: 23-Nov-2012 10:54:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 7
Sample ID: ic
Misc. Info.: 240-0015202-005 =240-0015202-005
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 66063 Lims Sample ID: 5
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:56:55 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks Date: 23-Nov-2012 11:18:15

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2127379	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.594	0.001	98	1339936	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	98	638065	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	79	1047726	100.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.553	-0.011	97	1283610	99.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	4053028	98.1	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	1270621	101.2	
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	87	1229789	104.6	
13 Chloromethane	50	1.607	1.607	0.0	89	2136476	101.3	
14 Vinyl chloride	62	1.737	1.737	0.0	83	1662370	105.1	
15 Bromomethane	94	2.069	2.069	0.0	90	448791	99.6	
16 Chloroethane	64	2.187	2.187	0.0	94	791365	100.6	
18 Trichlorofluoromethane	101	2.507	2.507	0.0	86	1365015	107.2	
20 Acrolein	56	3.027	3.039	-0.012	96	1541085	979.8	
21 1,1-Dichloroethene	96	3.157	3.157	0.0	82	977574	101.4	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.193	0.0	80	907770	101.0	
22 Acetone	43	3.252	3.264	-0.012	98	653921	206.9	
24 Iodomethane	142	3.347	3.347	0.0	99	1709903	103.7	
26 Carbon disulfide	76	3.418	3.430	-0.012	98	2536476	98.4	
27 Acetonitrile	41	3.666	3.666	0.0	99	1116391	945.7	
28 Methyl acetate	43	3.761	3.761	0.0	98	1935717	191.6	
30 Methylene Chloride	84	3.891	3.891	0.0	87	1069055	100.8	
31 2-Methyl-2-propanol	59	4.187	4.199	-0.012	92	1300357	1963.7	
32 Acrylonitrile	53	4.305	4.305	0.0	98	904261	198.5	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	87	1144677	100.7	
34 Methyl tert-butyl ether	73	4.353	4.352	0.001	94	2543894	103.2	
35 Hexane	86	4.743	4.743	0.0	94	304071	99.2	
36 1,1-Dichloroethane	63	4.921	4.920	0.001	85	2525055	101.0	
37 Vinyl acetate	86	5.039	5.039	0.0	97	141614	110.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	77	900004	105.4	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	1218505	99.7	
41 2-Butanone (MEK)	43	5.702	5.701	0.001	97	1059957	203.6	
47 Chlorobromomethane	128	5.926	5.926	0.0	86	563118	100.6	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	341345	100.5	
49 Chloroform	83	6.033	6.033	0.0	84	1980497	101.9	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	88	1549208	105.8	
51 Cyclohexane	56	6.258	6.269	-0.011	90	3227030	101.5	
53 Carbon tetrachloride	117	6.388	6.388	0.0	69	1482494	98.9	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	1622330	103.5	
55 Benzene	78	6.601	6.601	0.0	96	4372510	99.6	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	1787089	98.8	
60 Trichloroethene	130	7.240	7.240	0.0	90	1290379	103.2	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	2236073	101.8	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	90	1346311	104.2	
65 Dibromomethane	93	7.559	7.559	0.0	88	531032	103.7	
66 1,4-Dioxane	88	7.583	7.583	0.0	89	346827	5290.4	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	1244841	98.6	
69 2-Chloroethyl vinyl ether	63	7.985	7.997	-0.012	89	1095766	224.5	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	82	1506812	99.8	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	2107891	210.8	
72 Toluene	91	8.411	8.411	0.0	91	4576383	98.8	
73 trans-1,3-Dichloropropene	75	8.601	8.600	0.001	91	1205062	97.8	
74 Ethyl methacrylate	69	8.683	8.683	0.0	92	969146	109.5	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	709029	101.7	
77 Tetrachloroethene	164	8.885	8.884	0.001	91	1005777	98.0	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	1246918	99.9	
78 2-Hexanone	43	8.979	8.979	0.0	98	1276907	216.4	
79 Chlorodibromomethane	129	9.109	9.109	0.0	87	828175	95.3	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	730403	106.4	
82 Chlorobenzene	112	9.618	9.618	0.0	91	2940229	98.9	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	1029848	106.3	
84 Ethylbenzene	106	9.713	9.713	0.0	98	1602677	102.6	
10 m-Xylene & p-Xylene	106	9.808	9.807	0.001	99	3889362	203.8	
85 o-Xylene	106	10.151	10.151	0.0	95	1877848	101.8	
86 Styrene	104	10.163	10.162	0.0	94	2884335	109.3	
87 Bromoform	173	10.328	10.328	0.0	97	413111	101.3	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	5086143	106.7	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	792039	110.6	
91 Bromobenzene	156	10.719	10.719	0.0	92	1146742	102.6	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	78	244192	102.9	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	59	313263	110.7	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	1390470	109.4	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	1180413	101.8	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	92	4085499	108.6	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	1156743	102.7	
97 tert-Butylbenzene	119	11.227	11.227	0.0	84	3939845	109.5	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	3929777	105.7	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	5187493	109.4	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	2166219	98.7	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	94	4582271	109.6	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	91	2178782	97.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	3718686	107.9	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	1982277	96.4	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	76	126771	100.3	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	1506252	93.5	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	91	1246763	88.8	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	93	616186	89.6	
111 Naphthalene	128	13.440	13.440	0.0	97	2468811	92.6	
112 1,2,3-Trichlorobenzene	180	13.630	13.629	0.001	94	969595	87.6	
S 137 Trihalomethanes, Total	1				0		397.2	
S 11 1,2-Dichloroethene, Total	96				0		200.4	
S 9 1,3-Dichloropropene, Total	75				0		197.6	
S 114 Xylenes, Total	106				0		305.6	

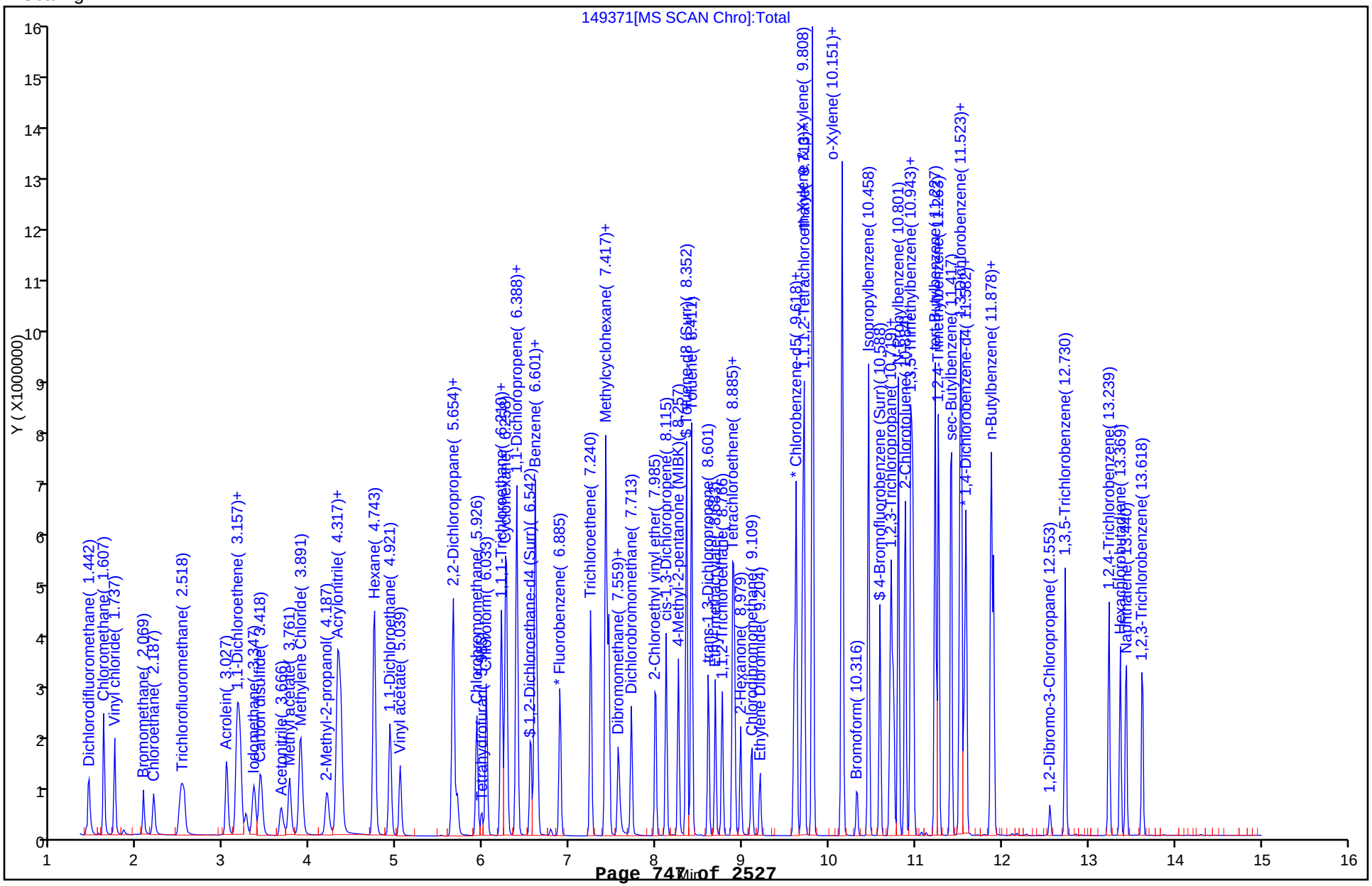
Report Date: 25-Nov-2012 10:56:56 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149371.D

Injection Date:	23-Nov-2012 10:54:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	5
Operator ID:	002808	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\A3UX14\20121123-15202.b\149372.D
Lims ID: ICIS Client ID:
Inject. Date: 23-Nov-2012 11:16:30 Dil. Factor: 1.0000
Sample Type: ICIS Calib Level: 6
Sample ID: icis
Misc. Info.: 240-0015202-006 =240-0015202-006
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 66063 Lims Sample ID: 6
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:56:56 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks Date: 23-Nov-2012 11:34:57

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2172557	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	1274995	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	98	613392	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	80	515164	47.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.553	0.0	97	617593	46.2	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1897698	47.8	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	553966	45.3	
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	88	608715	50.7	
13 Chloromethane	50	1.607	1.607	0.0	89	1053925	48.9	
14 Vinyl chloride	62	1.737	1.737	0.0	83	798930	49.5	
15 Bromomethane	94	2.069	2.069	0.0	91	214419	46.6	
16 Chloroethane	64	2.187	2.187	0.0	94	398275	49.6	
18 Trichlorofluoromethane	101	2.507	2.507	0.0	85	644128	49.6	
20 Acrolein	56	3.039	3.039	0.0	94	802249	499.4	
21 1,1-Dichloroethene	96	3.157	3.157	0.0	83	503252	51.1	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.193	0.0	81	459410	50.1	
22 Acetone	43	3.264	3.264	0.0	98	328079	98.3	
24 Iodomethane	142	3.347	3.347	0.0	99	867159	51.5	
26 Carbon disulfide	76	3.430	3.430	0.0	98	1188162	46.7	
27 Acetonitrile	41	3.666	3.666	0.0	100	556862	461.9	
28 Methyl acetate	43	3.761	3.761	0.0	98	1010650	98.0	
30 Methylene Chloride	84	3.891	3.891	0.0	87	581469	51.9	
31 2-Methyl-2-propanol	59	4.199	4.199	0.0	91	624385	923.3	
32 Acrylonitrile	53	4.305	4.305	0.0	98	459938	98.8	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	86	613735	52.9	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	87	1315031	52.2	
35 Hexane	86	4.743	4.743	0.0	94	162735	52.0	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	1333129	52.2	
37 Vinyl acetate	86	5.039	5.039	0.0	97	69263	53.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	75	456355	52.4	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	77	647575	51.9	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	515204	96.9	
47 Chlorobromomethane	128	5.926	5.926	0.0	86	298630	52.2	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	174049	50.2	
49 Chloroform	83	6.033	6.033	0.0	84	1036739	52.2	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	784709	52.5	
51 Cyclohexane	56	6.269	6.269	0.0	91	1652156	50.9	
53 Carbon tetrachloride	117	6.388	6.388	0.0	68	740357	49.4	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	862906	53.9	
55 Benzene	78	6.601	6.601	0.0	95	2289257	51.1	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	932171	50.5	
60 Trichloroethene	130	7.240	7.240	0.0	91	675170	52.9	
63 Methylcyclohexane	83	7.417	7.417	0.0	94	1160863	51.7	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	90	691804	52.4	
65 Dibromomethane	93	7.559	7.559	0.0	87	272849	52.2	
66 1,4-Dioxane	88	7.583	7.583	0.0	88	170032	2539.7	
67 Dichlorobromomethane	83	7.713	7.713	0.0	90	596852	47.7	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	91	498828	100.1	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	83	711956	47.7	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	1018715	107.1	
72 Toluene	91	8.411	8.411	0.0	90	2288548	51.9	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	91	546582	48.2	
74 Ethyl methacrylate	69	8.683	8.683	0.0	91	442552	52.5	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	348362	52.5	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	506908	51.9	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	598961	50.4	
78 2-Hexanone	43	8.979	8.979	0.0	99	569241	101.4	
79 Chlorodibromomethane	129	9.109	9.109	0.0	89	370747	46.7	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	347048	53.1	
82 Chlorobenzene	112	9.618	9.618	0.0	91	1423277	50.3	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	499253	54.2	
84 Ethylbenzene	106	9.713	9.713	0.0	98	780775	52.5	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	1898565	104.6	
85 o-Xylene	106	10.151	10.151	0.0	95	920396	52.4	
86 Styrene	104	10.162	10.162	0.0	94	1344294	53.5	
87 Bromoform	173	10.328	10.328	0.0	97	168064	48.3	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	2449383	54.0	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	81	363511	52.8	
91 Bromobenzene	156	10.719	10.719	0.0	92	536807	50.0	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	77	117062	51.3	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	53	137172	50.4	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	659852	54.0	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	565034	50.7	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	93	1956695	54.1	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	544258	50.3	
97 tert-Butylbenzene	119	11.227	11.227	0.0	88	1887372	54.6	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1879913	52.6	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2517458	55.2	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	90	1033698	49.0	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	91	2175768	54.1	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	91	1023311	47.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1790216	54.0	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	946221	47.9	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	73	53639	49.4	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	736807	47.6	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	91	607754	45.0	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	93	333969	50.5	
111 Naphthalene	128	13.440	13.440	0.0	97	1147954	44.8	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	93	473423	44.5	
S 137 Trihalomethanes, Total	1				0		194.9	
S 11 1,2-Dichloroethene, Total	96				0		104.7	
S 9 1,3-Dichloropropene, Total	75				0		95.9	
S 114 Xylenes, Total	106				0		157.0	

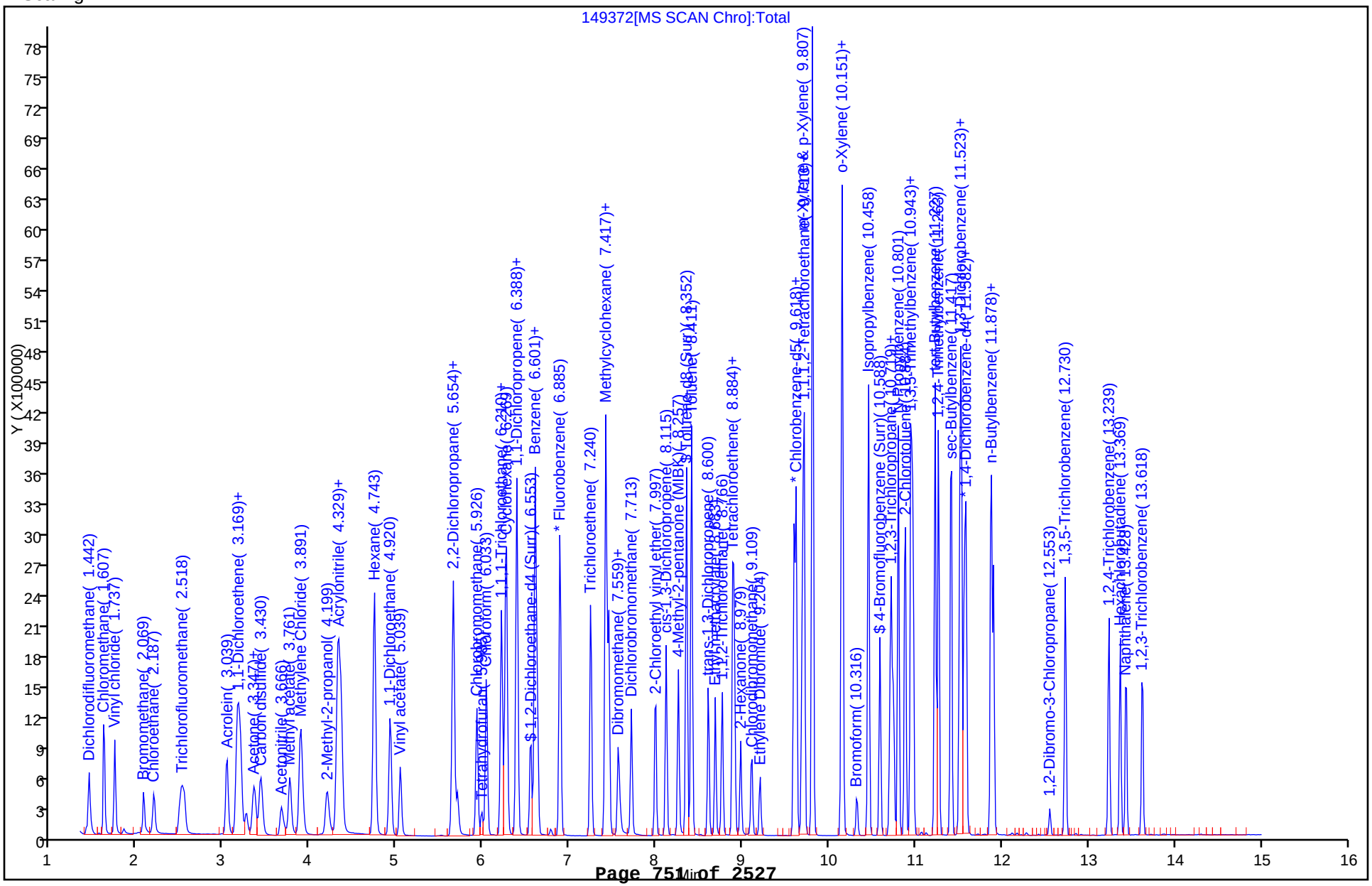
Report Date: 25-Nov-2012 10:56:57 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149372.D

Injection Date:	23-Nov-2012 11:16:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	6
Operator ID:	002808	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\A3UX14\20121123-15202.b\149373.D
Lims ID: IC Client ID:
Inject. Date: 23-Nov-2012 11:37:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: ic
Misc. Info.: 240-0015202-007 =240-0015202-007
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 66063 Lims Sample ID: 7
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:56:57 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks Date: 23-Nov-2012 12:01:52

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2105705	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	1214571	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.571	-0.001	99	596872	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	77	215498	20.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.553	0.0	98	276767	20.7	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	795068	20.4	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	241107	19.7	
12 Dichlorodifluoromethane	85	1.441	1.442	-0.001	86	245672	21.1	
13 Chloromethane	50	1.607	1.607	0.0	89	427162	20.5	
14 Vinyl chloride	62	1.737	1.737	0.0	83	324695	20.7	
15 Bromomethane	94	2.069	2.069	0.0	91	92057	20.6	
16 Chloroethane	64	2.187	2.187	0.0	94	159974	20.5	
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	86	246296	19.5	
20 Acrolein	56	3.039	3.039	0.0	96	312122	200.5	
21 1,1-Dichloroethene	96	3.157	3.157	0.0	83	191876	20.1	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.193	0.0	80	178188	20.0	
22 Acetone	43	3.264	3.264	0.0	98	139011	39.3	
24 Iodomethane	142	3.347	3.347	0.0	99	333986	20.5	
26 Carbon disulfide	76	3.429	3.430	-0.001	99	413600	18.6	
27 Acetonitrile	41	3.666	3.666	0.0	100	229427	196.3	
28 Methyl acetate	43	3.761	3.761	0.0	97	384472	38.5	
30 Methylene Chloride	84	3.891	3.891	0.0	87	243721	20.3	
31 2-Methyl-2-propanol	59	4.199	4.199	-0.001	89	241976	369.2	
32 Acrylonitrile	53	4.305	4.305	0.0	94	180477	40.0	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	87	232765	20.7	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	92	478019	19.6	
35 Hexane	86	4.743	4.743	0.0	95	61198	20.2	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	501820	20.3	
37 Vinyl acetate	86	5.039	5.039	0.0	97	24807	19.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	75	175649	20.8	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	239896	19.8	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	202746	39.4	
47 Chlorobromomethane	128	5.926	5.926	0.0	85	110859	20.0	
48 Tetrahydrofuran	42	5.985	5.985	0.0	90	66040	19.6	
49 Chloroform	83	6.033	6.033	0.0	84	389223	20.2	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	288123	19.9	
51 Cyclohexane	56	6.257	6.269	-0.012	91	624880	19.9	
53 Carbon tetrachloride	117	6.388	6.388	0.0	66	259288	19.2	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	323159	20.8	
55 Benzene	78	6.601	6.601	0.0	96	860927	19.8	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	353134	19.7	
60 Trichloroethene	130	7.240	7.240	0.0	92	253897	20.5	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	439516	20.2	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	254386	19.9	
65 Dibromomethane	93	7.559	7.559	0.0	90	99654	19.7	
66 1,4-Dioxane	88	7.583	7.583	0.0	89	65483	1009.1	
67 Dichlorobromomethane	83	7.713	7.713	0.0	90	196502	18.0	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	176292	36.5	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	82	234929	18.1	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	373901	41.3	
72 Toluene	91	8.411	8.411	0.0	90	851820	20.3	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	90	176911	18.3	
74 Ethyl methacrylate	69	8.683	8.683	0.0	91	151924	18.9	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	127223	20.1	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	190267	20.4	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	222688	19.7	
78 2-Hexanone	43	8.979	8.979	0.0	98	205955	38.5	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	115127	17.6	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	127079	20.4	
82 Chlorobenzene	112	9.618	9.618	0.0	90	527421	19.6	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	86	171985	19.6	
84 Ethylbenzene	106	9.713	9.713	0.0	98	284622	20.1	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	97	710046	41.1	
85 o-Xylene	106	10.150	10.151	-0.001	95	346238	20.7	
86 Styrene	104	10.162	10.162	0.0	94	491176	20.5	
87 Bromoform	173	10.316	10.328	-0.012	96	52976	18.9	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	909754	21.1	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	83	136708	20.4	
91 Bromobenzene	156	10.718	10.719	-0.001	93	199060	19.0	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	77	45204	20.4	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	51	49423	18.7	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	250629	21.1	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	217665	20.1	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	93	734817	20.9	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	210161	19.9	
97 tert-Butylbenzene	119	11.227	11.227	0.0	86	704922	20.9	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	711890	20.5	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	946197	21.3	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	81	402720	19.6	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	91	828672	21.2	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	90	404787	19.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	678710	21.0	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	376171	19.6	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	71	19504	20.5	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	303726	20.2	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	251685	19.2	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	142662	22.2	
111 Naphthalene	128	13.440	13.440	0.0	97	463225	18.6	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	95	206392	19.9	
S 137 Trihalomethanes, Total	1				0		74.6	
S 11 1,2-Dichloroethene, Total	96				0		40.5	
S 9 1,3-Dichloropropene, Total	75				0		36.4	
S 114 Xylenes, Total	106				0		61.8	

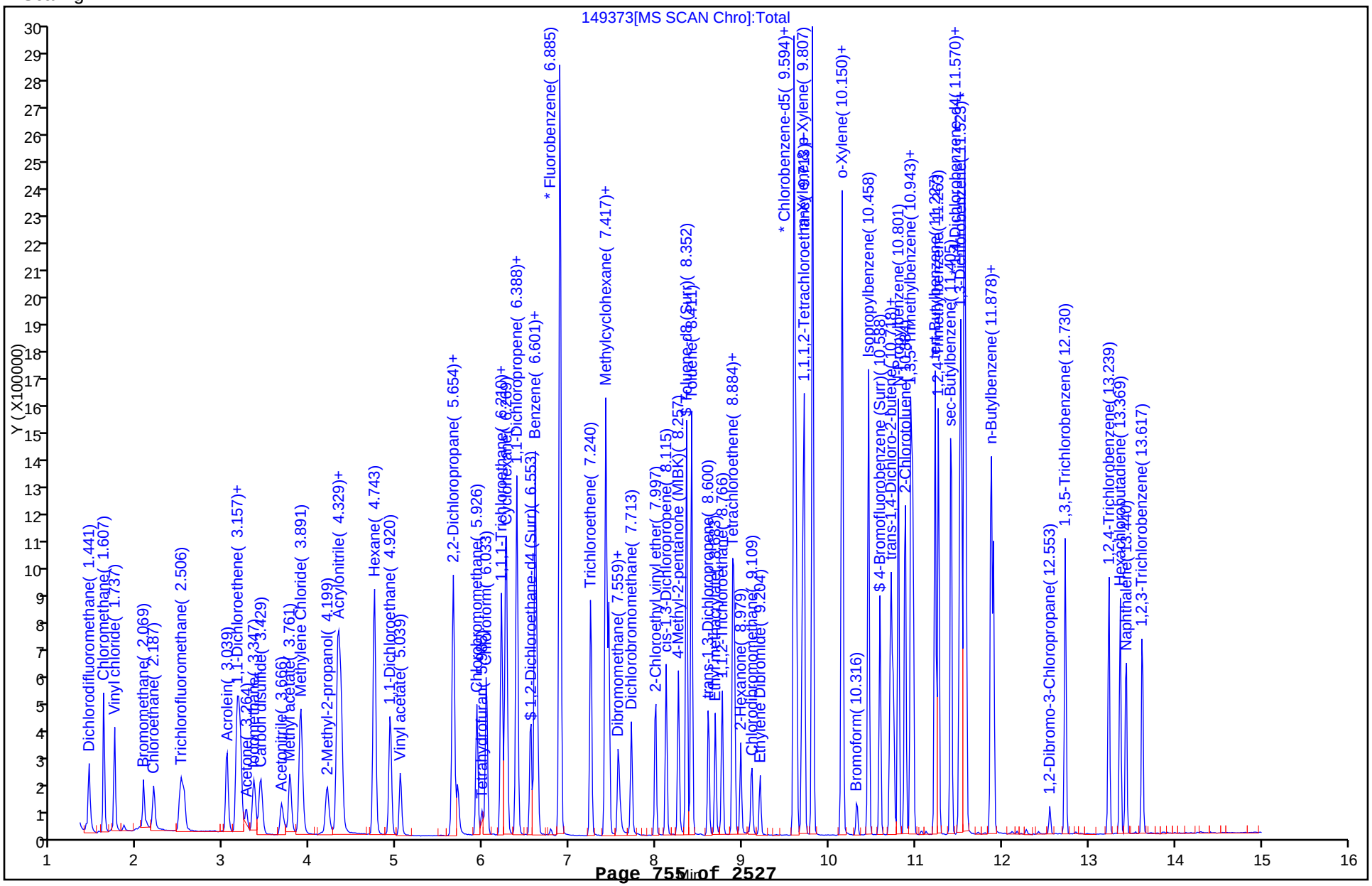
Report Date: 25-Nov-2012 10:56:58 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149373.D

Injection Date:	23-Nov-2012 11:37:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	7
Operator ID:	002808	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\A3UX14\20121123-15202.b\149374.D
Lims ID: IC Client ID:
Inject. Date: 23-Nov-2012 11:59:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: ic
Misc. Info.: 240-0015202-008 =240-0015202-008
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 7
Lims Batch ID: 66063 Lims Sample ID: 8
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:56:58 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks Date: 23-Nov-2012 12:28:16

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2167366	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.594	0.001	97	1202744	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	596041	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	81	113489	10.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.553	-0.011	93	147816	10.2	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	412124	10.2	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	126766	9.91	
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	86	122854	10.3	
13 Chloromethane	50	1.607	1.607	0.0	88	205773	9.57	
14 Vinyl chloride	62	1.737	1.737	0.0	83	160539	9.96	
15 Bromomethane	94	2.069	2.069	0.0	91	46773	10.2	
16 Chloroethane	64	2.187	2.187	0.0	94	80428	10.0	
18 Trichlorofluoromethane	101	2.495	2.507	-0.012	85	110915	8.55	
20 Acrolein	56	3.027	3.039	-0.012	94	159555	99.6	
21 1,1-Dichloroethene	96	3.157	3.157	0.0	83	94260	9.60	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.193	0.0	80	87181	9.52	
22 Acetone	43	3.252	3.264	-0.012	98	85119	20.7	
24 Iodomethane	142	3.347	3.347	0.0	99	162998	9.71	
26 Carbon disulfide	76	3.418	3.430	-0.012	99	173075	9.29	
27 Acetonitrile	41	3.666	3.666	0.0	99	122929	102.2	
28 Methyl acetate	43	3.761	3.761	0.0	98	203914	19.8	
30 Methylene Chloride	84	3.891	3.891	0.0	87	139607	9.59	
31 2-Methyl-2-propanol	59	4.199	4.199	0.0	90	127806	189.4	
32 Acrylonitrile	53	4.305	4.305	0.0	97	95668	20.6	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	86	116094	10.0	
34 Methyl tert-butyl ether	73	4.353	4.352	0.001	86	240162	9.56	
35 Hexane	86	4.743	4.743	0.0	96	31052	9.94	
36 1,1-Dichloroethane	63	4.921	4.920	0.001	86	247179	9.70	
37 Vinyl acetate	86	5.039	5.039	0.0	97	11286	8.66	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	64	78906	9.07	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	77	122795	9.86	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	108181	20.4	
47 Chlorobromomethane	128	5.926	5.926	0.0	87	54787	9.60	
48 Tetrahydrofuran	42	5.985	5.985	0.0	90	32678	9.44	
49 Chloroform	83	6.033	6.033	0.0	84	194925	9.85	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	88	133704	8.96	
51 Cyclohexane	56	6.258	6.269	-0.011	91	311766	9.63	
53 Carbon tetrachloride	117	6.388	6.388	0.0	58	115951	9.55	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	161199	10.1	
55 Benzene	78	6.601	6.601	0.0	96	434492	9.72	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	89	181237	9.84	
60 Trichloroethene	130	7.240	7.240	0.0	91	125318	9.84	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	217649	9.72	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	89	129629	9.84	
65 Dibromomethane	93	7.559	7.559	0.0	91	50066	9.59	
66 1,4-Dioxane	88	7.595	7.583	0.012	93	33756	505.4	
67 Dichlorobromomethane	83	7.713	7.713	0.0	90	91574	9.60	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	84277	16.9	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	81	105583	9.50	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	182581	20.3	
72 Toluene	91	8.411	8.411	0.0	90	421679	10.1	
73 trans-1,3-Dichloropropene	75	8.601	8.600	0.001	88	74605	9.50	
74 Ethyl methacrylate	69	8.683	8.683	0.0	90	70719	8.90	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	63037	10.1	
77 Tetrachloroethene	164	8.885	8.884	0.001	90	96266	10.4	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	110586	9.87	
78 2-Hexanone	43	8.979	8.979	0.0	99	101547	19.2	
79 Chlorodibromomethane	129	9.109	9.109	0.0	85	50711	9.75	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	61149	9.93	
82 Chlorobenzene	112	9.618	9.618	0.0	90	259900	9.74	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	85	77990	8.97	
84 Ethylbenzene	106	9.713	9.713	0.0	98	140837	10.0	
10 m-Xylene & p-Xylene	106	9.808	9.807	0.001	98	340837	19.9	
85 o-Xylene	106	10.151	10.151	0.0	95	166382	10.0	
86 Styrene	104	10.162	10.162	0.0	94	228437	9.64	
87 Bromoform	173	10.316	10.328	-0.012	96	23370	10.4	
88 Isopropylbenzene	105	10.458	10.458	0.0	97	435612	10.2	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	81	64266	9.61	
91 Bromobenzene	156	10.719	10.719	0.0	92	100591	9.64	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	81	22474	10.1	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.754	-0.012	53	23502	8.89	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	116742	9.83	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	107194	9.90	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	350075	9.96	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	104383	9.92	
97 tert-Butylbenzene	119	11.227	11.227	0.0	85	336753	10.0	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	339908	9.79	
99 sec-Butylbenzene	105	11.417	11.417	0.0	95	452430	10.2	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	96	196898	9.61	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	89	396677	10.2	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	87	198637	9.52	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	93	327277	10.2	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	95	188241	9.80	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	61	8623	10.1	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	153617	10.2	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	135818	10.4	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	72719	11.3	
111 Naphthalene	128	13.440	13.440	0.0	97	246349	9.89	
112 1,2,3-Trichlorobenzene	180	13.630	13.629	0.001	94	116346	11.3	
S 137 Trihalomethanes, Total	1				0		39.6	
S 11 1,2-Dichloroethene, Total	96				0		19.9	
S 9 1,3-Dichloropropene, Total	75				0		19.0	
S 114 Xylenes, Total	106				0		29.9	

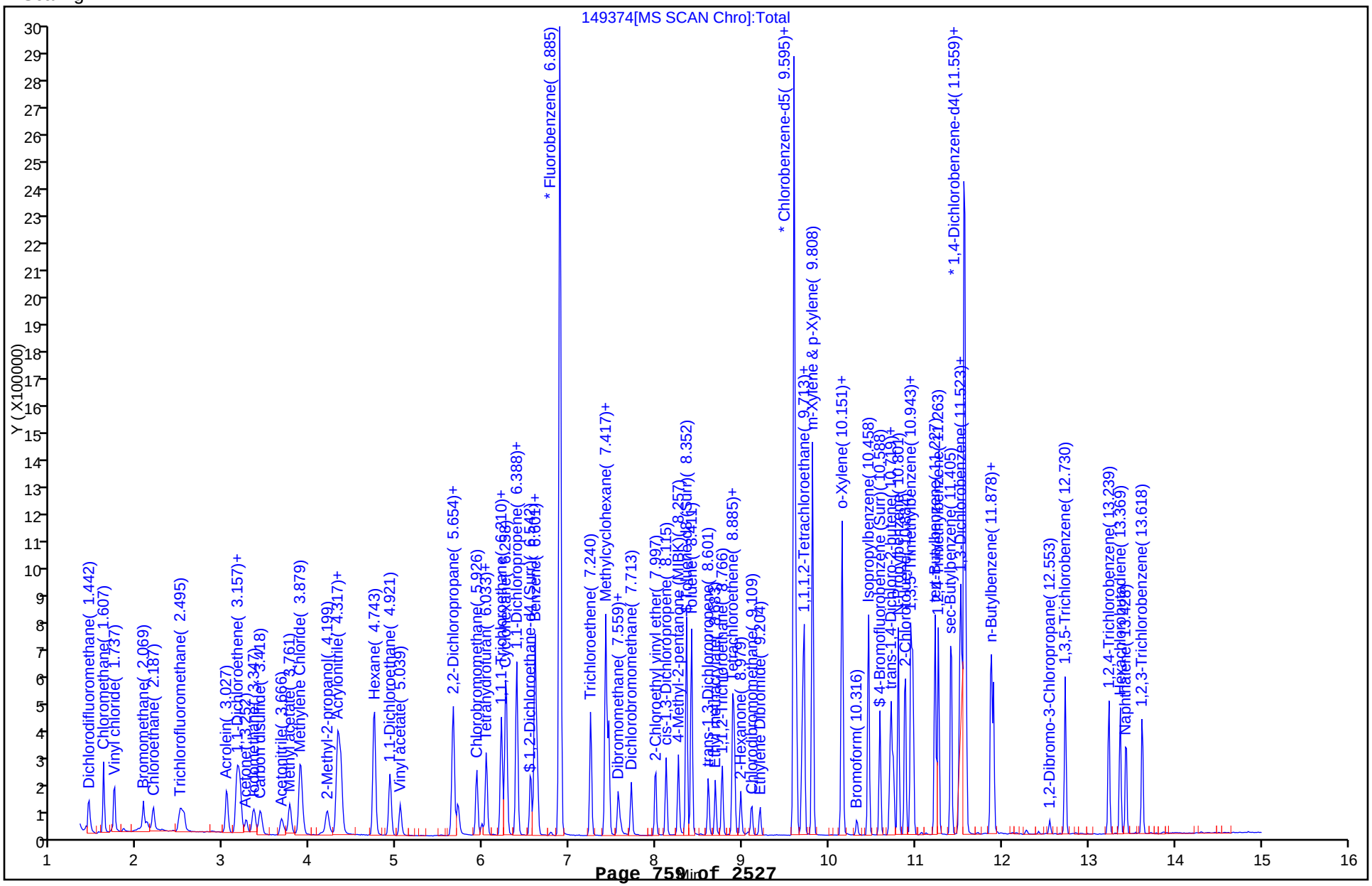
Report Date: 25-Nov-2012 10:56:58 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149374.D

Injection Date:	23-Nov-2012 11:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	8
Operator ID:	002808	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\A3UX14\20121123-15202.b\149375.D
Lims ID: IC Client ID:
Inject. Date: 23-Nov-2012 12:20:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: ic
Misc. Info.: 240-0015202-009 =240-0015202-009
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 8
Lims Batch ID: 66063 Lims Sample ID: 9
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:56:59 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks Date: 23-Nov-2012 12:45:22

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2095299	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	1301505	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.571	-0.001	99	652526	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	77	55296	4.69	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.553	-0.012	95	78968	5.06	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	224046	4.62	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	75222	4.91	
12 Dichlorodifluoromethane	85	1.430	1.442	-0.012	87	66421	5.73	
13 Chloromethane	50	1.607	1.607	0.0	89	112573	5.42	
14 Vinyl chloride	62	1.725	1.737	-0.012	82	85754	5.51	
15 Bromomethane	94	2.069	2.069	0.0	90	23772	5.36	
16 Chloroethane	64	2.187	2.187	0.0	92	41276	5.33	
18 Trichlorofluoromethane	101	2.495	2.507	-0.012	84	55098	4.39	
20 Acrolein	56	3.027	3.039	-0.012	96	75677	48.8	
21 1,1-Dichloroethene	96	3.145	3.157	-0.012	83	46444	4.89	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.193	-0.012	83	46638	5.27	
22 Acetone	43	3.252	3.264	-0.012	98	50674	10.3	
24 Iodomethane	142	3.347	3.347	-0.001	98	80237	4.94	
26 Carbon disulfide	76	3.418	3.430	-0.012	97	80051	5.95	
27 Acetonitrile	41	3.666	3.666	0.0	97	67286	57.9	
28 Methyl acetate	43	3.761	3.761	0.0	98	95398	9.59	
30 Methylene Chloride	84	3.891	3.891	0.0	89	88373	4.96	
31 2-Methyl-2-propanol	59	4.198	4.199	-0.001	87	65140	99.9	
32 Acrylonitrile	53	4.305	4.305	0.0	98	44170	9.84	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	54759	4.89	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	85	113758	4.69	
35 Hexane	86	4.743	4.743	0.0	94	15357	5.09	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	119188	4.84	
37 Vinyl acetate	86	5.039	5.039	0.0	96	5169	4.10	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	60	34957	4.16	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	58883	4.89	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	95	53368	10.4	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	26555	4.81	
48 Tetrahydrofuran	42	5.985	5.985	0.0	87	17224	5.15	
49 Chloroform	83	6.033	6.033	0.0	83	91173	4.76	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	86	62298	4.32	
51 Cyclohexane	56	6.257	6.269	-0.012	91	155572	4.97	
53 Carbon tetrachloride	117	6.388	6.388	0.0	57	50721	5.49	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	76755	4.97	
55 Benzene	78	6.601	6.601	0.0	96	211186	4.89	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	89	89587	5.03	
60 Trichloroethene	130	7.240	7.240	0.0	90	61752	5.02	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	105624	4.88	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	91	62253	4.89	
65 Dibromomethane	93	7.559	7.559	0.0	86	24709	4.90	
66 1,4-Dioxane	88	7.595	7.583	0.012	93	16965	262.7	
67 Dichlorobromomethane	83	7.713	7.713	0.0	89	41174	5.90	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	44513	9.26	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	78	46949	5.89	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	87120	8.97	
72 Toluene	91	8.411	8.411	0.0	96	215082	4.78	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	90	35399	5.83	
74 Ethyl methacrylate	69	8.683	8.683	0.0	90	35513	4.13	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	33036	4.88	
77 Tetrachloroethene	164	8.884	8.884	0.0	89	47550	4.77	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	92	56683	4.68	
78 2-Hexanone	43	8.979	8.979	0.0	97	53191	9.28	
79 Chlorodibromomethane	129	9.109	9.109	0.0	85	22652	6.07	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	30524	4.58	
82 Chlorobenzene	112	9.618	9.618	0.0	90	142741	4.94	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	81	36199	3.85	
84 Ethylbenzene	106	9.713	9.713	0.0	98	73171	4.82	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	97	179076	9.66	
85 o-Xylene	106	10.150	10.151	-0.001	94	86667	4.84	
86 Styrene	104	10.162	10.162	0.0	94	121218	4.73	
87 Bromoform	173	10.316	10.328	-0.012	96	10487	6.34	
88 Isopropylbenzene	105	10.458	10.458	0.0	97	224515	4.85	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	34173	4.67	
91 Bromobenzene	156	10.718	10.719	-0.001	91	56096	4.91	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	78	11833	4.88	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.754	-0.012	56	12620	4.36	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	62765	4.83	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	59268	5.00	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	95	183769	4.78	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	57427	4.99	
97 tert-Butylbenzene	119	11.227	11.227	0.0	84	180325	4.90	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	95	182276	4.79	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	238798	4.92	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	96	110957	4.95	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	87	204133	4.77	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	76	113948	4.99	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	170870	4.85	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	107410	5.11	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	-0.001	52	3720	4.87	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	98	83678	5.08	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	72154	5.02	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	38674	5.50	
111 Naphthalene	128	13.440	13.440	0.0	97	128229	4.70	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	95	62905	5.56	
S 137 Trihalomethanes, Total	1				0		23.1	
S 11 1,2-Dichloroethene, Total	96				0		9.78	
S 9 1,3-Dichloropropene, Total	75				0		11.7	
S 114 Xylenes, Total	106				0		14.5	

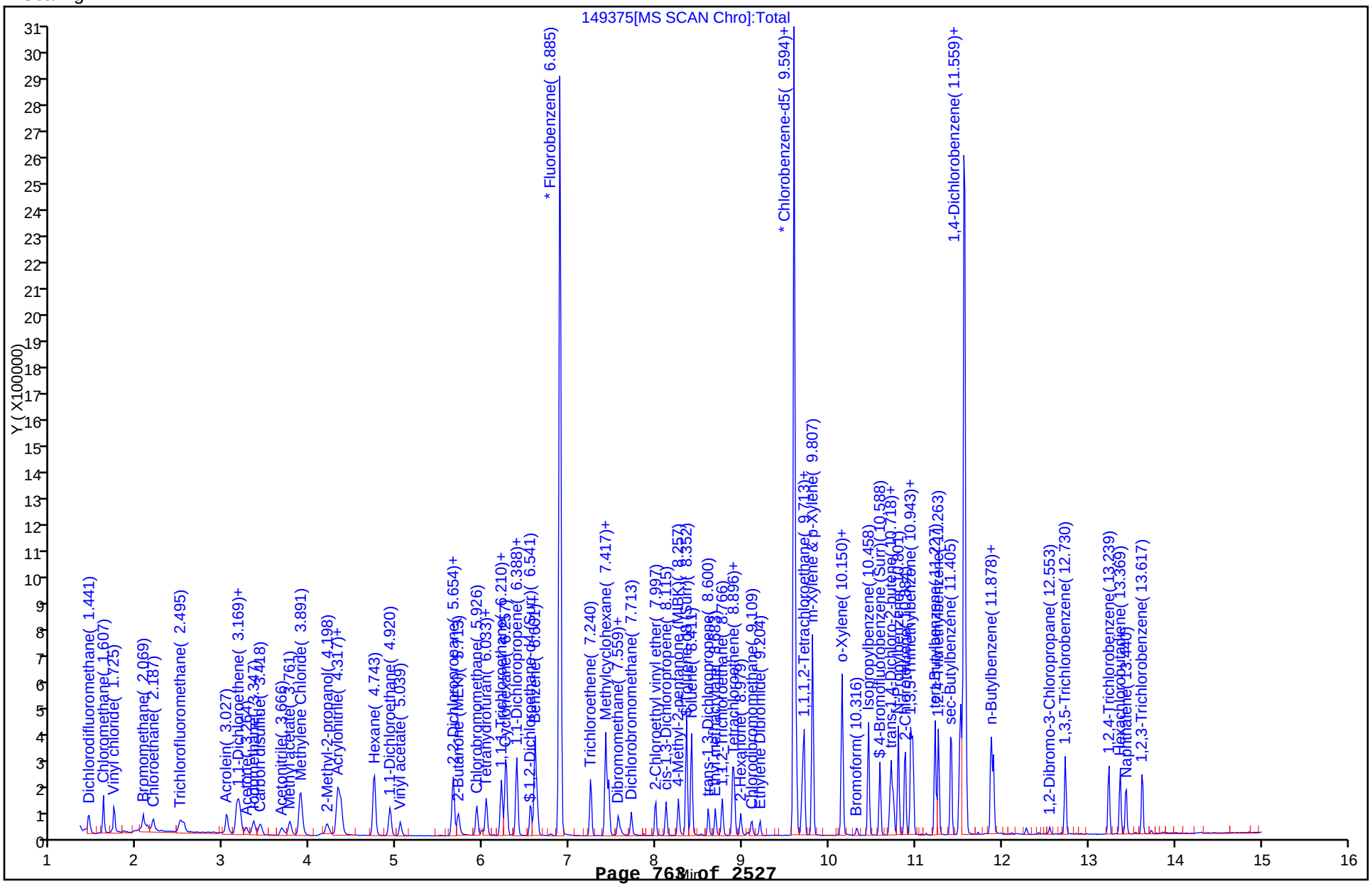
Report Date: 25-Nov-2012 10:56:59 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149375.D

Injection Date:	23-Nov-2012 12:20:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	9
Operator ID:	002808	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\A3UX14\20121123-15202.b\149376.D		
Lims ID:	IC	Client ID:	
Inject. Date:	23-Nov-2012 12:42:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	ic		
Misc. Info.:	240-0015202-010 =240-0015202-010		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	9
Lims Batch ID:	66063	Lims Sample ID:	10
Sublist:	chrom-8260_14*sub16		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m		
Last Update:	25-Nov-2012 10:57:00	Calib Date:	23-Nov-2012 13:03:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: macenczaks		Date:	23-Nov-2012 13:10:47

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2071416	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	1193284	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	605645	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	69	27428	2.00	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.553	-0.011	91	41104	2.09	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	105837	1.88	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	34590	1.93	
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	83	19301	1.69	
13 Chloromethane	50	1.607	1.607	0.0	88	40017	1.95	
14 Vinyl chloride	62	1.726	1.737	-0.011	83	27998	1.82	
15 Bromomethane	94	2.069	2.069	0.0	82	9983	2.28	
16 Chloroethane	64	2.187	2.187	0.0	89	14404	1.88	
18 Trichlorofluoromethane	101	2.495	2.507	-0.012	73	16017	1.29	
20 Acrolein	56	3.039	3.039	0.0	98	29606	19.3	
21 1,1-Dichloroethene	96	3.157	3.157	0.0	82	14546	1.55	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.193	-0.012	76	12173	1.39	
22 Acetone	43	3.252	3.264	-0.012	98	29398	3.33	
24 Iodomethane	142	3.347	3.347	0.0	98	29515	1.84	
26 Carbon disulfide	76	3.429	3.430	-0.001	97	26333	3.91	
27 Acetonitrile	41	3.678	3.666	0.012	94	23041	20.0	
28 Methyl acetate	43	3.761	3.761	0.0	97	40305	4.10	
30 Methylene Chloride	84	3.891	3.891	0.0	87	59928	2.20	
31 2-Methyl-2-propanol	59	4.199	4.199	0.0	75	23532	36.5	
32 Acrylonitrile	53	4.305	4.305	0.0	95	18143	4.09	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	21426	1.94	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	82	45857	1.91	
35 Hexane	86	4.743	4.743	0.0	94	3472	1.16	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	46179	1.90	
37 Vinyl acetate	86	5.039	5.039	0.0	96	1931	1.55	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	61	13303	1.60	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	23816	2.00	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	56	21202	4.18	
47 Chlorobromomethane	128	5.926	5.926	0.0	85	10621	1.95	
48 Tetrahydrofuran	42	5.985	5.985	0.0	88	7007	2.12	
49 Chloroform	83	6.033	6.033	0.0	83	35951	1.90	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	82	20238	1.42	
51 Cyclohexane	56	6.258	6.269	-0.011	89	40901	1.32	
53 Carbon tetrachloride	117	6.388	6.388	0.0	52	15649	3.17	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	26073	1.71	
55 Benzene	78	6.601	6.601	0.0	95	85733	2.01	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	89	36072	2.05	
60 Trichloroethene	130	7.240	7.240	0.0	91	22139	1.82	
63 Methylcyclohexane	83	7.417	7.417	0.0	88	25517	1.19	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	89	22531	1.79	
65 Dibromomethane	93	7.559	7.559	0.0	87	9887	1.98	
66 1,4-Dioxane	88	7.595	7.583	0.012	88	4837	75.8	
67 Dichlorobromomethane	83	7.713	7.713	0.0	84	15328	3.89	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	86	13811	2.91	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	70	15732	3.86	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	93	32291	3.63	
72 Toluene	91	8.411	8.411	0.0	96	78684	1.91	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	88	12407	4.06	
74 Ethyl methacrylate	69	8.683	8.683	0.0	80	11710	1.49	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	91	11765	1.90	
77 Tetrachloroethene	164	8.884	8.884	0.0	88	16091	1.76	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	92	22589	2.03	
78 2-Hexanone	43	8.979	8.979	0.0	93	20050	3.82	
79 Chlorodibromomethane	129	9.109	9.109	0.0	79	7092	4.37	
123 Ethylene Dibromide	107	9.204	9.204	0.0	97	10473	1.71	
82 Chlorobenzene	112	9.618	9.618	0.0	89	54167	2.05	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	77	12800	1.48	
84 Ethylbenzene	106	9.713	9.713	0.0	98	26338	1.89	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	63524	3.74	
85 o-Xylene	106	10.151	10.151	0.0	94	30688	1.87	
86 Styrene	104	10.162	10.162	0.0	93	40370	1.72	
87 Bromoform	173	10.316	10.328	-0.012	78	3636	4.53	
88 Isopropylbenzene	105	10.458	10.458	0.0	97	72611	1.71	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	73	11789	1.73	
91 Bromobenzene	156	10.719	10.719	0.0	95	20069	1.89	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	79	4446	1.97	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.754	-0.012	49	5072	1.89	
94 N-Propylbenzene	120	10.801	10.801	0.0	98	19813	1.64	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	21191	1.93	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	88	59056	1.65	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	19845	1.86	
97 tert-Butylbenzene	119	11.227	11.227	0.0	90	54199	1.59	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	61593	1.75	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	95	72080	1.60	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	42165	2.02	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	93	62549	1.58	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	80	45245	2.13	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	95	53226	1.63	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	94	41130	2.11	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	24	1571	3.01	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	31289	2.05	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	29600	2.22	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	91	12336	1.89	
111 Naphthalene	128	13.440	13.440	0.0	97	53764	2.12	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	92	26757	2.55	
S 137 Trihalomethanes, Total	1				0		14.7	
S 11 1,2-Dichloroethene, Total	96				0		3.94	
S 9 1,3-Dichloropropene, Total	75				0		7.93	
S 114 Xylenes, Total	106				0		5.61	

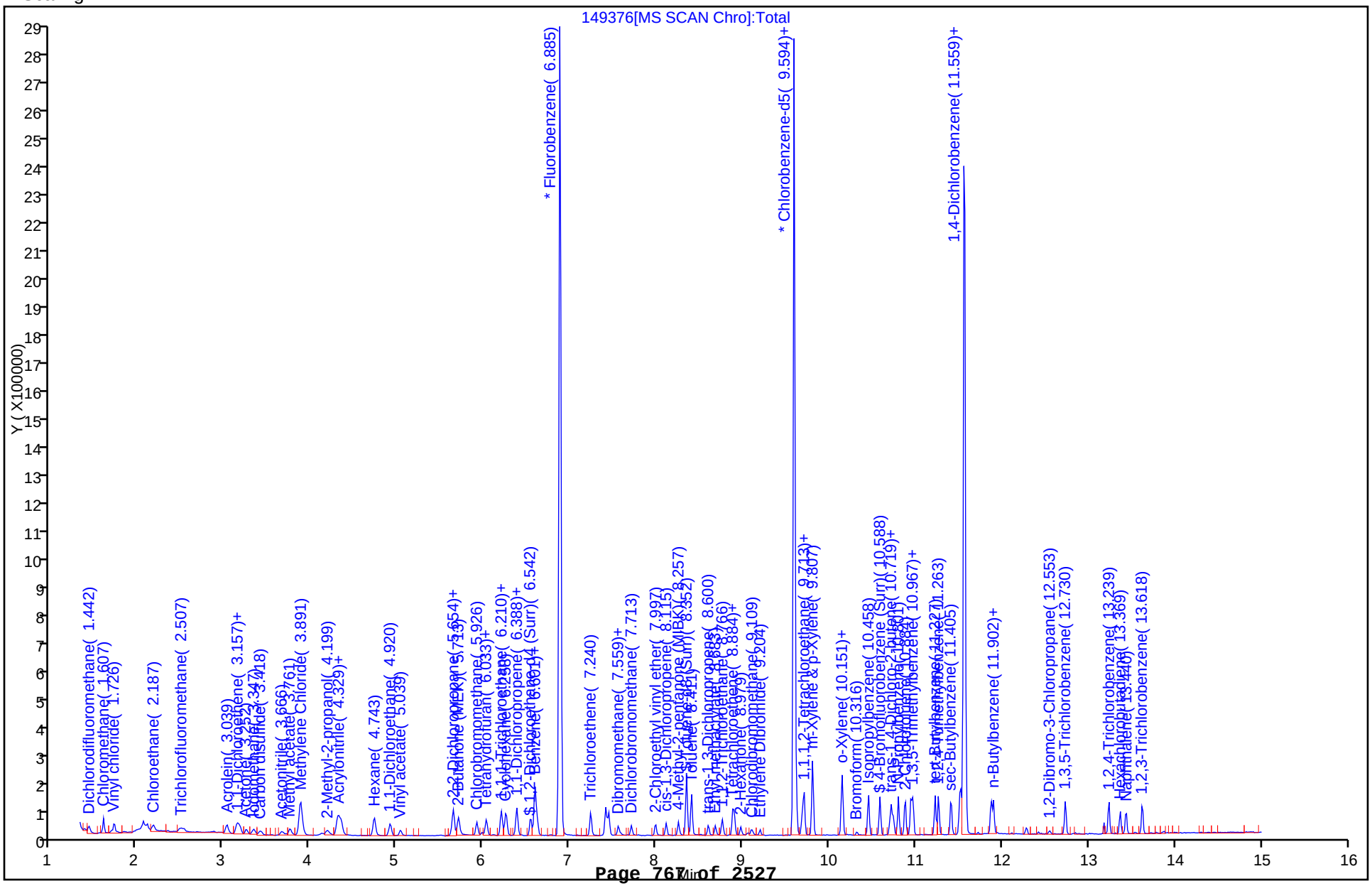
Report Date: 25-Nov-2012 10:57:00 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149376.D

Injection Date:	23-Nov-2012 12:42:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	10
Operator ID:	002808	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\A3UX14\20121123-15202.b\149377.D		
Lims ID:	IC	Client ID:	
Inject. Date:	23-Nov-2012 13:03:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	ic		
Misc. Info.:	240-0015202-011 =240-0015202-011		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	10
Lims Batch ID:	66063	Lims Sample ID:	11
Sublist:	chrom-8260_14*sub16		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m		
Last Update:	25-Nov-2012 10:57:01	Calib Date:	23-Nov-2012 13:03:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: macenczaks		Date:	23-Nov-2012 13:57:02

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2034319	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	96	1145130	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.571	-0.001	98	580051	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	57	17742	1.08	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.553	0.0	94	26652	0.9603	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	75369	1.13	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	85	24266	1.14	
12 Dichlorodifluoromethane	85	1.441	1.442	-0.001	82	8996	0.7999	
13 Chloromethane	50	1.607	1.607	0.0	88	21055	1.04	
14 Vinyl chloride	62	1.725	1.737	-0.012	81	13377	0.8845	
15 Bromomethane	94	2.069	2.069	0.0	86	6055	1.41	
16 Chloroethane	64	2.187	2.187	0.0	81	7797	1.04	
18 Trichlorofluoromethane	101	2.495	2.507	-0.012	57	6234	0.5122	
20 Acrolein	56	3.027	3.039	-0.012	90	15924	10.6	
21 1,1-Dichloroethene	96	3.157	3.157	0.0	83	7956	0.8632	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.193	-0.012	75	6520	0.7588	
22 Acetone	43	3.264	3.264	0.0	95	25637	2.23	
24 Iodomethane	142	3.347	3.347	0.0	95	15012	0.9523	
26 Carbon disulfide	76	3.418	3.430	-0.012	93	13440	3.42	
27 Acetonitrile	41	3.678	3.666	0.012	91	11784	10.4	
28 Methyl acetate	43	3.773	3.761	0.012	97	24047	2.49	
30 Methylene Chloride	84	3.891	3.891	0.0	87	44144	0.6969	
31 2-Methyl-2-propanol	59	4.187	4.199	-0.012	74	15899	25.1	
32 Acrylonitrile	53	4.305	4.305	0.0	65	9143	2.10	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	82	10173	0.9362	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	82	23918	1.01	
35 Hexane	86	4.755	4.743	0.012	90	2912	0.99	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	78	23497	0.9825	
37 Vinyl acetate	86	5.051	5.039	0.011	84	869	0.7106	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	50	6276	0.7689	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	73	11935	1.02	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	40	14819	2.98	
47 Chlorobromomethane	128	5.926	5.926	0.0	78	5586	1.04	
48 Tetrahydrofuran	42	5.997	5.985	0.012	82	3200	0.9854	
49 Chloroform	83	6.033	6.033	0.0	77	17979	0.9675	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	57	10575	0.7552	
51 Cyclohexane	56	6.257	6.269	-0.012	92	22873	0.7526	
53 Carbon tetrachloride	117	6.388	6.388	0.0	56	9125	2.75	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	79	13780	0.9198	
55 Benzene	78	6.601	6.601	0.0	93	43114	1.03	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	83	17668	1.02	
60 Trichloroethene	130	7.240	7.240	0.0	85	11047	0.9242	
63 Methylcyclohexane	83	7.417	7.417	0.0	92	15176	0.7224	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	82	11841	0.9580	
65 Dibromomethane	93	7.559	7.559	0.0	80	4689	0.9571	
66 1,4-Dioxane	88	7.595	7.583	0.012	60	3184	50.8	
67 Dichlorobromomethane	83	7.713	7.713	0.0	77	6757	3.22	
69 2-Chloroethyl vinyl ether	63	7.985	7.997	-0.012	81	6391	1.37	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	62	7674	3.34	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	89	15932	1.86	
72 Toluene	91	8.411	8.411	0.0	96	39445	1.00	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	77	4941	3.42	
74 Ethyl methacrylate	69	8.683	8.683	0.0	85	6575	0.8689	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	5717	0.9596	
77 Tetrachloroethene	164	8.884	8.884	0.0	88	9618	1.10	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	87	11238	1.05	
78 2-Hexanone	43	8.979	8.979	0.0	95	10026	1.99	
79 Chlorodibromomethane	129	9.109	9.109	0.0	60	3689	3.96	
123 Ethylene Dibromide	107	9.204	9.204	0.0	79	5657	0.9644	
82 Chlorobenzene	112	9.618	9.618	0.0	85	26252	1.03	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	73	5797	0.7004	
84 Ethylbenzene	106	9.713	9.713	0.0	98	12565	0.9408	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	97	30925	1.90	
85 o-Xylene	106	10.150	10.151	-0.001	92	15394	0.9761	
86 Styrene	104	10.162	10.162	0.0	90	18870	0.8363	
87 Bromoform	173	10.316	10.328	-0.012	60	1835	4.01	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	35626	0.8749	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	74	5771	0.8864	
91 Bromobenzene	156	10.718	10.719	-0.001	90	11195	1.10	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	49	2090	0.9687	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	36	2665	1.04	
94 N-Propylbenzene	120	10.801	10.801	0.0	96	9883	0.8551	
95 2-Chlorotoluene	126	10.884	10.884	0.0	92	10657	1.01	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	28449	0.8318	
104 4-Chlorotoluene	126	10.967	10.967	0.0	96	10431	1.02	
97 tert-Butylbenzene	119	11.227	11.227	0.0	85	26131	0.7990	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	91	30810	0.9116	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	91	32164	0.7460	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	76	22331	1.12	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	91	29647	0.7797	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	70	23029	1.13	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	96	25348	0.8089	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	93	20575	1.10	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	1	654	2.13	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	90	15180	1.04	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	90	15109	1.18	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	78	6035	0.9654	
111 Naphthalene	128	13.440	13.440	0.0	93	28642	1.18	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	89	13401	1.33	
S 137 Trihalomethanes, Total	1				0		12.2	
S 11 1,2-Dichloroethene, Total	96				0		1.96	
S 9 1,3-Dichloropropene, Total	75				0		6.76	
S 114 Xylenes, Total	106				0		2.87	

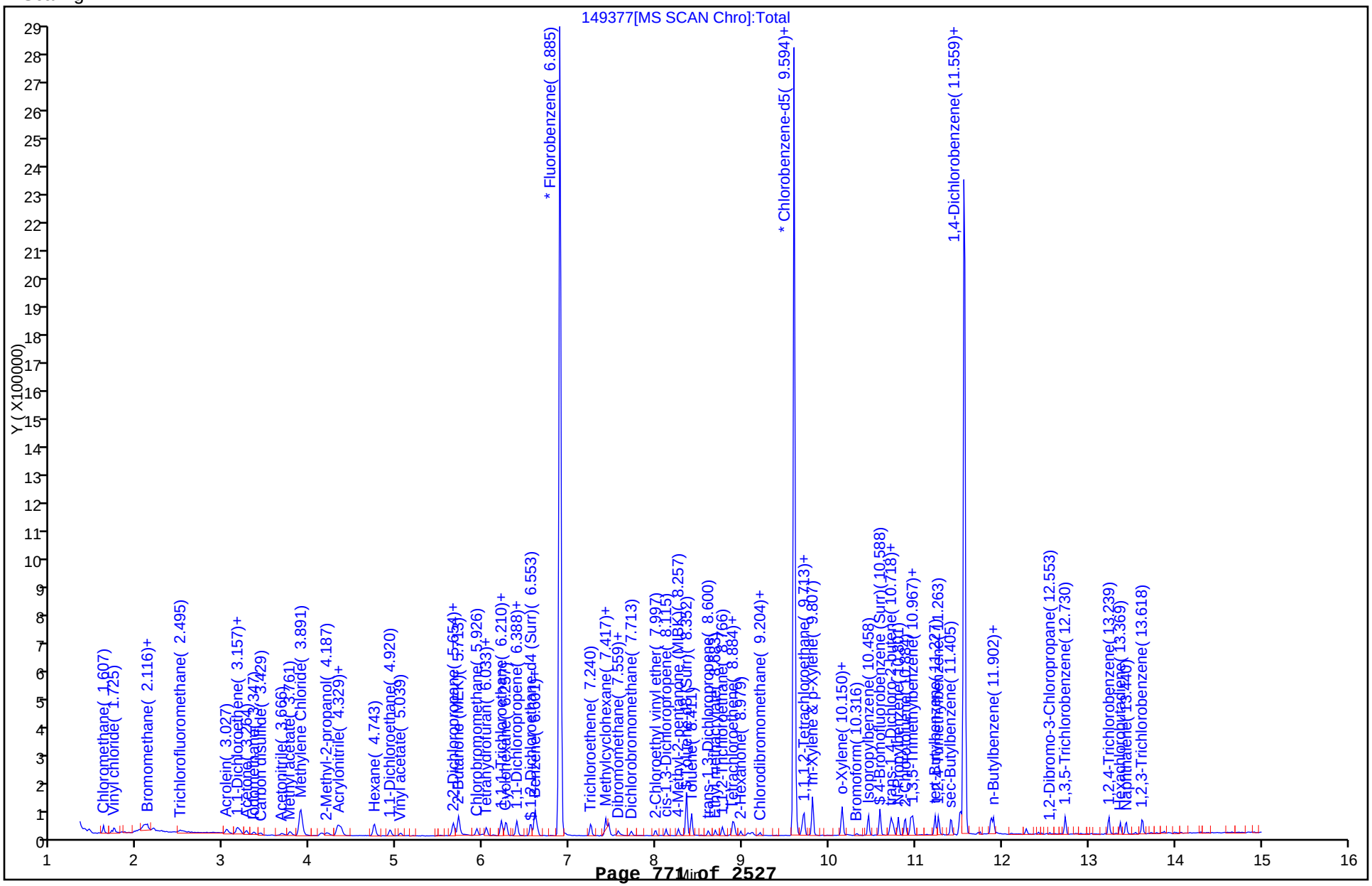
Report Date: 25-Nov-2012 10:57:01 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D

Injection Date:	23-Nov-2012 13:03:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	11
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Lab Sample ID: ICV 240-64678/14 Calibration Date: 11/12/2012 19:38

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX0858.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	0.1993	0.2177	0.1000	0.0109	0.0100	9.2	20.0
Chloromethane	Ave	0.3843	0.4089	0.1000	0.0106	0.0100	6.4	20.0
Vinyl chloride	Ave	0.3042	0.3274	0.1000	0.0108	0.0100	7.6	20.0
Bromomethane	Ave	0.1423	0.1415	0.0500	0.00995	0.0100	-0.5	20.0
Chloroethane	Ave	0.1471	0.1461	0.0500	0.00994	0.0100	-0.6	20.0
Trichlorofluoromethane	Ave	0.2208	0.2292	0.1000	0.0104	0.0100	3.8	20.0
Acrolein	Ave	0.0354	0.0322		0.0273	0.0300	-9.1	20.0
1,1-Dichloroethene	Ave	0.2447	0.2686	0.1000	0.0110	0.0100	9.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1853	0.1927	0.0500	0.0104	0.0100	4.0	20.0
Acetone	Lin1		0.0905	0.0500	0.0235	0.0200	17.4	20.0
Iodomethane	Ave	0.4163	0.4678		0.0112	0.0100	12.4	20.0
Carbon disulfide	Ave	0.7761	0.8842	0.1000	0.0114	0.0100	13.9	20.0
Acetonitrile	Qua		0.0389		0.0360	0.0300	19.9	20.0
Methyl acetate	Ave	0.2338	0.2379	0.1000	0.0102	0.0100	1.8	20.0
Methylene Chloride	Ave	0.3451	0.3445	0.1000	0.00998	0.0100	-0.2	20.0
2-Methyl-2-propanol	Ave	0.0202	0.0243		0.240	0.200	20.0	20.0
Acrylonitrile	Ave	0.1172	0.1200		0.0307	0.0300	2.4	20.0
Methyl tert-butyl ether	Ave	0.8708	0.9193	0.1000	0.0106	0.0100	5.6	20.0
trans-1,2-Dichloroethene	Ave	0.2998	0.3211	0.1000	0.0107	0.0100	7.1	20.0
1,1-Dichloroethane	Ave	0.5111	0.5533	0.1000	0.0108	0.0100	8.3	20.0
Vinyl acetate	Ave	0.0530	0.0512		0.00965	0.0100	-3.5	20.0
2-Butanone (MEK)	Ave	0.1314	0.1294	0.0500	0.0197	0.0200	-1.5	20.0
cis-1,2-Dichloroethene	Ave	0.3334	0.3559	0.1000	0.0107	0.0100	6.8	20.0
2,2-Dichloropropane	Ave	0.2926	0.2874		0.00982	0.0100	-1.8	20.0
Bromochloromethane	Ave	0.1617	0.1710		0.0106	0.0100	5.8	20.0
Chloroform	Ave	0.5145	0.5187	0.2000	0.0101	0.0100	0.8	20.0
1,1,1-Trichloroethane	Ave	0.3526	0.3649	0.1000	0.0103	0.0100	3.5	20.0
Cyclohexane	Ave	0.3996	0.3715	0.1000	0.00930	0.0100	-7.0	20.0
1,1-Dichloropropene	Ave	0.3619	0.3605		0.00996	0.0100	-0.4	20.0
Carbon tetrachloride	Ave	0.2845	0.2865	0.1000	0.0101	0.0100	0.7	20.0
1,2-Dichloroethane	Ave	0.3706	0.3907	0.1000	0.0105	0.0100	5.4	20.0
Benzene	Ave	1.258	1.315	0.5000	0.0105	0.0100	4.5	20.0
Trichloroethene	Ave	0.3103	0.3241	0.2000	0.0104	0.0100	4.4	20.0
1,2-Dichloropropane	Ave	0.2919	0.3068	0.1000	0.0105	0.0100	5.1	20.0
Methylcyclohexane	Ave	0.3294	0.2903	0.1000	0.00881	0.0100	-11.9	20.0
Dibromomethane	Ave	0.1691	0.1838		0.0109	0.0100	8.7	20.0
Bromodichloromethane	Ave	0.3468	0.3667	0.1000	0.0106	0.0100	5.7	20.0
cis-1,3-Dichloropropene	Ave	0.4281	0.4242	0.1500	0.00991	0.0100	-0.9	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2537	0.2677	0.0500	0.0211	0.0200	5.5	20.0
Toluene	Ave	1.886	1.874	0.4000	0.00994	0.0100	-0.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: ICV 240-64678/14 Calibration Date: 11/12/2012 19:38

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX0858.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	0.5342	0.5486	0.1000	0.0103	0.0100	2.7	20.0
1,1,2-Trichloroethane	Ave	0.3821	0.3892	0.1000	0.0102	0.0100	1.9	20.0
1,3-Dichloropropane	Ave	0.6731	0.6835		0.0102	0.0100	1.5	20.0
Tetrachloroethene	Ave	0.3403	0.3254	0.2000	0.00956	0.0100	-4.4	20.0
2-Hexanone	Ave	0.2308	0.2374	0.0500	0.0206	0.0200	2.9	20.0
Dibromochloromethane	Ave	0.3707	0.3744		0.0101	0.0100	1.0	20.0
1,2-Dibromoethane	Ave	0.3704	0.3750		0.0101	0.0100	1.2	20.0
Chlorobenzene	Ave	1.193	1.189	0.3000	0.00997	0.0100	-0.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4139	0.4132		0.00998	0.0100	-0.2	20.0
Ethylbenzene	Ave	0.5964	0.6087		0.0102	0.0100	2.1	20.0
m-Xylene & p-Xylene	Ave	0.7563	0.7570		0.0200	0.0200	0.0	20.0
o-Xylene	Ave	0.7419	0.7763		0.0105	0.0100	4.6	20.0
Styrene	Ave	1.191	1.255	0.3000	0.0105	0.0100	5.4	20.0
Bromoform	Ave	0.2244	0.2208	0.1000	0.00984	0.0100	-1.6	20.0
Isopropylbenzene	Ave	1.667	1.686	0.1000	0.0101	0.0100	1.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9320	0.8642	0.3000	0.00927	0.0100	-7.3	20.0
Bromobenzene	Ave	0.9309	0.9092		0.00977	0.0100	-2.3	20.0
1,2,3-Trichloropropane	Ave	0.3012	0.2962		0.00983	0.0100	-1.7	20.0
N-Propylbenzene	Ave	0.8226	0.7998		0.00972	0.0100	-2.8	20.0
2-Chlorotoluene	Ave	0.8267	0.8033		0.00972	0.0100	-2.8	20.0
1,3,5-Trimethylbenzene	Ave	2.535	2.532		0.00999	0.0100	-0.1	20.0
4-Chlorotoluene	Ave	0.8808	0.8572		0.00973	0.0100	-2.7	20.0
tert-Butylbenzene	Ave	2.082	1.937		0.00931	0.0100	-6.9	20.0
1,2,4-Trimethylbenzene	Ave	2.621	2.638		0.0101	0.0100	0.6	20.0
sec-Butylbenzene	Ave	2.652	2.466		0.00930	0.0100	-7.0	20.0
1,3-Dichlorobenzene	Ave	1.669	1.586	0.6000	0.00950	0.0100	-5.0	20.0
4-Isopropyltoluene	Ave	2.229	2.186		0.00981	0.0100	-1.9	20.0
1,4-Dichlorobenzene	Ave	1.798	1.663	0.5000	0.00925	0.0100	-7.5	20.0
n-Butylbenzene	Ave	1.765	1.649		0.00935	0.0100	-6.5	20.0
1,2-Dichlorobenzene	Ave	1.670	1.583	0.4000	0.00948	0.0100	-5.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1572	0.1402	0.0500	0.00892	0.0100	-10.8	20.0
1,2,4-Trichlorobenzene	Ave	0.8483	0.6689	0.2000	0.00788	0.0100	-21.2*	20.0
Hexachlorobutadiene	Qua		0.2368		0.00685	0.0100	-31.5*	20.0
Naphthalene	Ave	2.585	1.767		0.00683	0.0100	-31.7*	20.0
1,2,3-Trichlorobenzene	Ave	0.9161	0.6183		0.00675	0.0100	-32.5*	20.0
Dibromofluoromethane (Surr)	Ave	0.2739	0.2738		0.0100	0.0100	-0.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3219	0.3335		0.0104	0.0100	3.6	20.0
Toluene-d8 (Surr)	Ave	1.574	1.567		0.00996	0.0100	-0.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5205	0.5217		0.0100	0.0100	0.2	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0858.D
Lims ID: ICV Client ID:
Inject. Date: 12-Nov-2012 19:38:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014871-014
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 64678 Lims Sample ID: 14
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:23:03 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: quayler Date: 13-Nov-2012 09:00:53

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.203	5.204	-0.001	99	1733806	10.0	
* 2 Chlorobenzene-d5	117	7.877	7.878	-0.001	84	1200825	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	86	656657	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.635	4.627	0.008	67	474779	10.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.919	4.923	-0.003	0	578230	10.4	
$ 7 Toluene-d8 (Surr)	98	6.564	6.567	-0.003	93	1881686	9.96	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	90	626481	10.0	
12 Dichlorodifluoromethane	85	1.559	1.562	-0.003	96	377423	10.9	
13 Chloromethane	50	1.689	1.704	-0.015	88	708928	10.6	
14 Vinyl chloride	62	1.795	1.799	-0.004	94	567623	10.8	
16 Bromomethane	94	2.091	2.094	-0.003	90	245374	9.95	
17 Chloroethane	64	2.174	2.177	-0.003	94	253349	9.94	
19 Trichlorofluoromethane	101	2.387	2.390	-0.003	98	397419	10.4	
20 Ethyl ether	59	2.600	2.601	-0.001	88	482426	11.0	
21 Acrolein	56	2.707	2.698	0.009	90	167384	27.3	
23 1,1-Dichloroethene	96	2.813	2.816	-0.003	94	465617	11.0	
24 Acetone	43	2.825	2.828	-0.003	89	313899	23.5	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.825	2.840	-0.015	83	334041	10.4	
26 Iodomethane	142	2.943	2.935	0.008	96	811057	11.2	
27 Carbon disulfide	76	3.002	3.006	-0.004	98	1533075	11.4	
28 Acetonitrile	41	3.050	3.053	-0.003	98	202282	36.0	
30 Methyl acetate	43	3.097	3.100	-0.003	95	412477	10.2	
31 Methylene Chloride	84	3.192	3.195	-0.003	88	597311	9.98	
32 2-Methyl-2-propanol	59	3.263	3.266	-0.003	99	841124	240.0	
33 Acrylonitrile	53	3.381	3.384	-0.003	99	624148	30.7	
35 Methyl tert-butyl ether	73	3.428	3.432	-0.004	85	1593919	10.6	
34 trans-1,2-Dichloroethene	96	3.428	3.432	-0.004	60	556717	10.7	
36 Hexane	86	3.665	3.656	0.009	91	78615	9.48	
37 1,1-Dichloroethane	63	3.771	3.775	-0.004	85	959371	10.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Vinyl acetate	86	3.795	3.798	-0.003	97	88731	9.65	
39 Isopropyl ether	87	3.819	3.820	-0.001	95	542311	10.8	
42 2-Butanone (MEK)	43	4.245	4.236	0.009	68	448547	19.7	
43 cis-1,2-Dichloroethene	96	4.245	4.248	-0.003	81	617044	10.7	
44 2,2-Dichloropropane	77	4.257	4.260	-0.003	88	498345	9.82	
48 Chlorobromomethane	128	4.446	4.449	-0.003	88	296503	10.6	
49 Tetrahydrofuran	42	4.493	4.485	0.008	94	171312	10.2	
50 Chloroform	83	4.493	4.497	-0.004	81	899259	10.1	
51 1,1,1-Trichloroethane	97	4.671	4.674	-0.003	88	632699	10.3	
52 Cyclohexane	56	4.742	4.745	-0.003	87	644176	9.30	
53 1,1-Dichloropropene	75	4.813	4.804	0.009	96	625005	9.96	
54 Carbon tetrachloride	117	4.825	4.816	0.009	78	496653	10.1	
55 Isobutyl alcohol	41	4.848	4.849	-0.001	95	803006	506.1	
56 1,2-Dichloroethane	62	4.978	4.982	-0.004	53	677427	10.5	
57 Benzene	78	4.978	4.982	-0.004	94	2280048	10.5	
61 Trichloroethene	130	5.523	5.514	0.009	92	561868	10.4	
63 Methylcyclohexane	83	5.700	5.703	-0.003	83	503273	8.81	
64 1,2-Dichloropropane	63	5.700	5.703	-0.003	86	531900	10.5	
66 Dibromomethane	93	5.807	5.798	0.009	85	318627	10.9	
68 Dichlorobromomethane	83	5.925	5.928	-0.003	100	635754	10.6	
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	91	286052	9.96	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	92	735422	9.91	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.437	0.009	95	928124	21.1	
73 Toluene	91	6.623	6.626	-0.003	98	2250888	9.94	
74 trans-1,3-Dichloropropene	75	6.801	6.804	-0.003	88	658804	10.3	
76 1,1,2-Trichloroethane	97	6.966	6.970	-0.004	91	467380	10.2	
77 1,3-Dichloropropane	76	7.120	7.123	-0.003	91	820723	10.2	
78 Tetrachloroethene	164	7.132	7.135	-0.003	92	390726	9.56	
79 2-Hexanone	43	7.179	7.183	-0.004	96	570251	20.6	
81 Chlorodibromomethane	129	7.333	7.336	-0.003	90	449523	10.1	
83 Ethylene Dibromide	107	7.451	7.455	-0.004	99	450271	10.1	
85 Chlorobenzene	112	7.913	7.904	0.009	97	1427849	9.97	
86 1,1,1,2-Tetrachloroethane	131	7.972	7.975	-0.003	84	496117	9.98	
87 Ethylbenzene	106	8.008	8.011	-0.003	97	730912	10.2	
88 m-Xylene & p-Xylene	106	8.114	8.117	-0.003	99	1818083	20.0	
89 o-Xylene	106	8.493	8.496	-0.003	90	932232	10.5	
90 Styrene	104	8.505	8.508	-0.003	93	1507119	10.5	
91 Bromoform	173	8.682	8.685	-0.003	98	265154	9.84	
92 Isopropylbenzene	105	8.848	8.851	-0.003	95	2025033	10.1	
94 Cyclohexanone	55	8.931	8.932	-0.001	88	376968	51.9	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.111	-0.003	93	567498	9.27	
96 Bromobenzene	156	9.144	9.147	-0.003	92	597026	9.77	
97 1,2,3-Trichloropropane	110	9.155	9.159	-0.004	72	194508	9.83	
98 trans-1,4-Dichloro-2-butene	53	9.167	9.170	-0.003	74	235546	17.6	
99 N-Propylbenzene	120	9.250	9.241	0.009	97	525200	9.72	
100 2-Chlorotoluene	126	9.333	9.336	-0.003	97	527466	9.72	
101 1,3,5-Trimethylbenzene	105	9.416	9.407	0.009	92	1662869	9.99	
102 4-Chlorotoluene	126	9.439	9.431	0.008	96	562871	9.73	
103 tert-Butylbenzene	119	9.735	9.738	-0.003	85	1271954	9.31	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	76	1732194	10.1	
105 sec-Butylbenzene	105	9.948	9.951	-0.003	92	1619588	9.30	
106 1,3-Dichlorobenzene	146	10.067	10.070	-0.003	97	1041473	9.50	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.090	10.093	-0.003	93	1435438	9.81	
108 1,4-Dichlorobenzene	146	10.149	10.153	-0.004	94	1091774	9.25	
109 1,2,3-Trimethylbenzene	105	10.197	10.198	-0.001	95	1858034	10.3	
110 n-Butylbenzene	91	10.493	10.496	-0.004	94	1082803	9.35	
111 1,2-Dichlorobenzene	146	10.516	10.519	-0.003	97	1039465	9.48	
112 1,2-Dibromo-3-Chloropropane	157	11.285	11.289	-0.004	83	92074	8.92	
114 1,2,4-Trichlorobenzene	180	12.125	12.129	-0.004	93	439209	7.88	
115 Hexachlorobutadiene	225	12.303	12.306	-0.003	95	155523	6.85	
116 Naphthalene	128	12.374	12.377	-0.003	100	1160078	6.83	
117 1,2,3-Trichlorobenzene	180	12.622	12.626	-0.004	99	406007	6.75	
S 119 Trihalomethanes, Total	1				0		40.6	
S 120 1,2-Dichloroethene, Total	96				0		21.4	
S 122 Xylenes, Total	106				0		30.5	

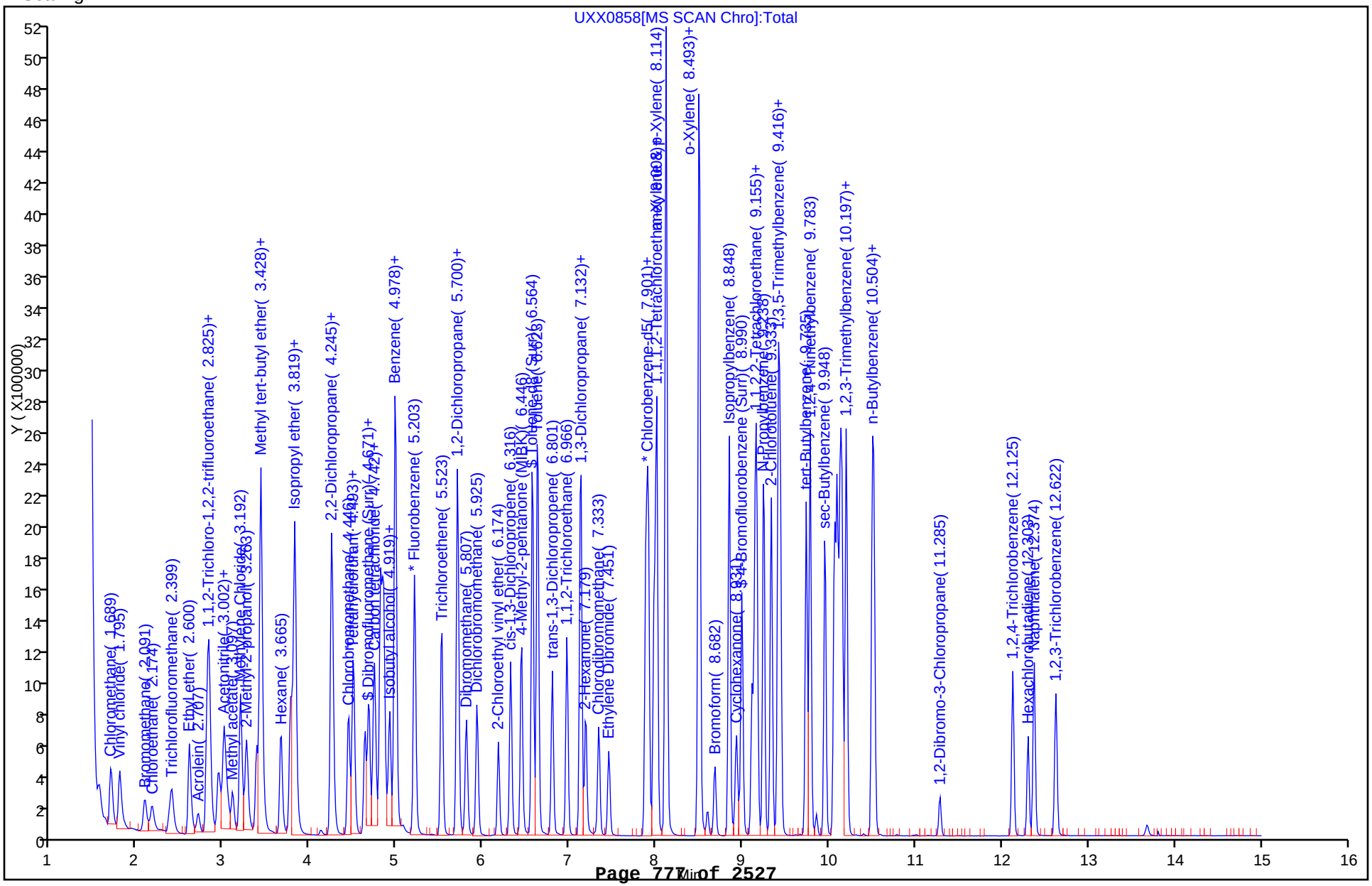
Report Date: 14-Nov-2012 12:23:04 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0858.D

Injection Date:	12-Nov-2012 19:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	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.: 240-17768-1

SDG No.:

Lab Sample ID: ICV 240-64678/14 Calibration Date: 11/12/2012 19:38

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 17:24

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 19:16

Lab File ID: UXX0858.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	0.0132	0.0134		0.506	0.500	1.2	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0858.D
Lims ID: ICV Client ID:
Inject. Date: 12-Nov-2012 19:38:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014871-014
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 64678 Lims Sample ID: 14
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:23:03 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: quayler Date: 13-Nov-2012 09:00:53

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.203	5.204	-0.001	99	1733806	10.0	
* 2 Chlorobenzene-d5	117	7.877	7.878	-0.001	84	1200825	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	86	656657	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.635	4.627	0.008	67	474779	10.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.919	4.923	-0.003	0	578230	10.4	
$ 7 Toluene-d8 (Surr)	98	6.564	6.567	-0.003	93	1881686	9.96	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	90	626481	10.0	
12 Dichlorodifluoromethane	85	1.559	1.562	-0.003	96	377423	10.9	
13 Chloromethane	50	1.689	1.704	-0.015	88	708928	10.6	
14 Vinyl chloride	62	1.795	1.799	-0.004	94	567623	10.8	
16 Bromomethane	94	2.091	2.094	-0.003	90	245374	9.95	
17 Chloroethane	64	2.174	2.177	-0.003	94	253349	9.94	
19 Trichlorofluoromethane	101	2.387	2.390	-0.003	98	397419	10.4	
20 Ethyl ether	59	2.600	2.601	-0.001	88	482426	11.0	
21 Acrolein	56	2.707	2.698	0.009	90	167384	27.3	
23 1,1-Dichloroethene	96	2.813	2.816	-0.003	94	465617	11.0	
24 Acetone	43	2.825	2.828	-0.003	89	313899	23.5	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.825	2.840	-0.015	83	334041	10.4	
26 Iodomethane	142	2.943	2.935	0.008	96	811057	11.2	
27 Carbon disulfide	76	3.002	3.006	-0.004	98	1533075	11.4	
28 Acetonitrile	41	3.050	3.053	-0.003	98	202282	36.0	
30 Methyl acetate	43	3.097	3.100	-0.003	95	412477	10.2	
31 Methylene Chloride	84	3.192	3.195	-0.003	88	597311	9.98	
32 2-Methyl-2-propanol	59	3.263	3.266	-0.003	99	841124	240.0	
33 Acrylonitrile	53	3.381	3.384	-0.003	99	624148	30.7	
35 Methyl tert-butyl ether	73	3.428	3.432	-0.004	85	1593919	10.6	
34 trans-1,2-Dichloroethene	96	3.428	3.432	-0.004	60	556717	10.7	
36 Hexane	86	3.665	3.656	0.009	91	78615	9.48	
37 1,1-Dichloroethane	63	3.771	3.775	-0.004	85	959371	10.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Vinyl acetate	86	3.795	3.798	-0.003	97	88731	9.65	
39 Isopropyl ether	87	3.819	3.820	-0.001	95	542311	10.8	
42 2-Butanone (MEK)	43	4.245	4.236	0.009	68	448547	19.7	
43 cis-1,2-Dichloroethene	96	4.245	4.248	-0.003	81	617044	10.7	
44 2,2-Dichloropropane	77	4.257	4.260	-0.003	88	498345	9.82	
48 Chlorobromomethane	128	4.446	4.449	-0.003	88	296503	10.6	
49 Tetrahydrofuran	42	4.493	4.485	0.008	94	171312	10.2	
50 Chloroform	83	4.493	4.497	-0.004	81	899259	10.1	
51 1,1,1-Trichloroethane	97	4.671	4.674	-0.003	88	632699	10.3	
52 Cyclohexane	56	4.742	4.745	-0.003	87	644176	9.30	
53 1,1-Dichloropropene	75	4.813	4.804	0.009	96	625005	9.96	
54 Carbon tetrachloride	117	4.825	4.816	0.009	78	496653	10.1	
55 Isobutyl alcohol	41	4.848	4.849	-0.001	95	803006	506.1	
56 1,2-Dichloroethane	62	4.978	4.982	-0.004	53	677427	10.5	
57 Benzene	78	4.978	4.982	-0.004	94	2280048	10.5	
61 Trichloroethene	130	5.523	5.514	0.009	92	561868	10.4	
63 Methylcyclohexane	83	5.700	5.703	-0.003	83	503273	8.81	
64 1,2-Dichloropropane	63	5.700	5.703	-0.003	86	531900	10.5	
66 Dibromomethane	93	5.807	5.798	0.009	85	318627	10.9	
68 Dichlorobromomethane	83	5.925	5.928	-0.003	100	635754	10.6	
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	91	286052	9.96	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	92	735422	9.91	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.437	0.009	95	928124	21.1	
73 Toluene	91	6.623	6.626	-0.003	98	2250888	9.94	
74 trans-1,3-Dichloropropene	75	6.801	6.804	-0.003	88	658804	10.3	
76 1,1,2-Trichloroethane	97	6.966	6.970	-0.004	91	467380	10.2	
77 1,3-Dichloropropane	76	7.120	7.123	-0.003	91	820723	10.2	
78 Tetrachloroethene	164	7.132	7.135	-0.003	92	390726	9.56	
79 2-Hexanone	43	7.179	7.183	-0.004	96	570251	20.6	
81 Chlorodibromomethane	129	7.333	7.336	-0.003	90	449523	10.1	
83 Ethylene Dibromide	107	7.451	7.455	-0.004	99	450271	10.1	
85 Chlorobenzene	112	7.913	7.904	0.009	97	1427849	9.97	
86 1,1,1,2-Tetrachloroethane	131	7.972	7.975	-0.003	84	496117	9.98	
87 Ethylbenzene	106	8.008	8.011	-0.003	97	730912	10.2	
88 m-Xylene & p-Xylene	106	8.114	8.117	-0.003	99	1818083	20.0	
89 o-Xylene	106	8.493	8.496	-0.003	90	932232	10.5	
90 Styrene	104	8.505	8.508	-0.003	93	1507119	10.5	
91 Bromoform	173	8.682	8.685	-0.003	98	265154	9.84	
92 Isopropylbenzene	105	8.848	8.851	-0.003	95	2025033	10.1	
94 Cyclohexanone	55	8.931	8.932	-0.001	88	376968	51.9	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.111	-0.003	93	567498	9.27	
96 Bromobenzene	156	9.144	9.147	-0.003	92	597026	9.77	
97 1,2,3-Trichloropropane	110	9.155	9.159	-0.004	72	194508	9.83	
98 trans-1,4-Dichloro-2-butene	53	9.167	9.170	-0.003	74	235546	17.6	
99 N-Propylbenzene	120	9.250	9.241	0.009	97	525200	9.72	
100 2-Chlorotoluene	126	9.333	9.336	-0.003	97	527466	9.72	
101 1,3,5-Trimethylbenzene	105	9.416	9.407	0.009	92	1662869	9.99	
102 4-Chlorotoluene	126	9.439	9.431	0.008	96	562871	9.73	
103 tert-Butylbenzene	119	9.735	9.738	-0.003	85	1271954	9.31	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	76	1732194	10.1	
105 sec-Butylbenzene	105	9.948	9.951	-0.003	92	1619588	9.30	
106 1,3-Dichlorobenzene	146	10.067	10.070	-0.003	97	1041473	9.50	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.090	10.093	-0.003	93	1435438	9.81	
108 1,4-Dichlorobenzene	146	10.149	10.153	-0.004	94	1091774	9.25	
109 1,2,3-Trimethylbenzene	105	10.197	10.198	-0.001	95	1858034	10.3	
110 n-Butylbenzene	91	10.493	10.496	-0.004	94	1082803	9.35	
111 1,2-Dichlorobenzene	146	10.516	10.519	-0.003	97	1039465	9.48	
112 1,2-Dibromo-3-Chloropropane	157	11.285	11.289	-0.004	83	92074	8.92	
114 1,2,4-Trichlorobenzene	180	12.125	12.129	-0.004	93	439209	7.88	
115 Hexachlorobutadiene	225	12.303	12.306	-0.003	95	155523	6.85	
116 Naphthalene	128	12.374	12.377	-0.003	100	1160078	6.83	
117 1,2,3-Trichlorobenzene	180	12.622	12.626	-0.004	99	406007	6.75	
S 119 Trihalomethanes, Total	1				0		40.6	
S 120 1,2-Dichloroethene, Total	96				0		21.4	
S 122 Xylenes, Total	106				0		30.5	

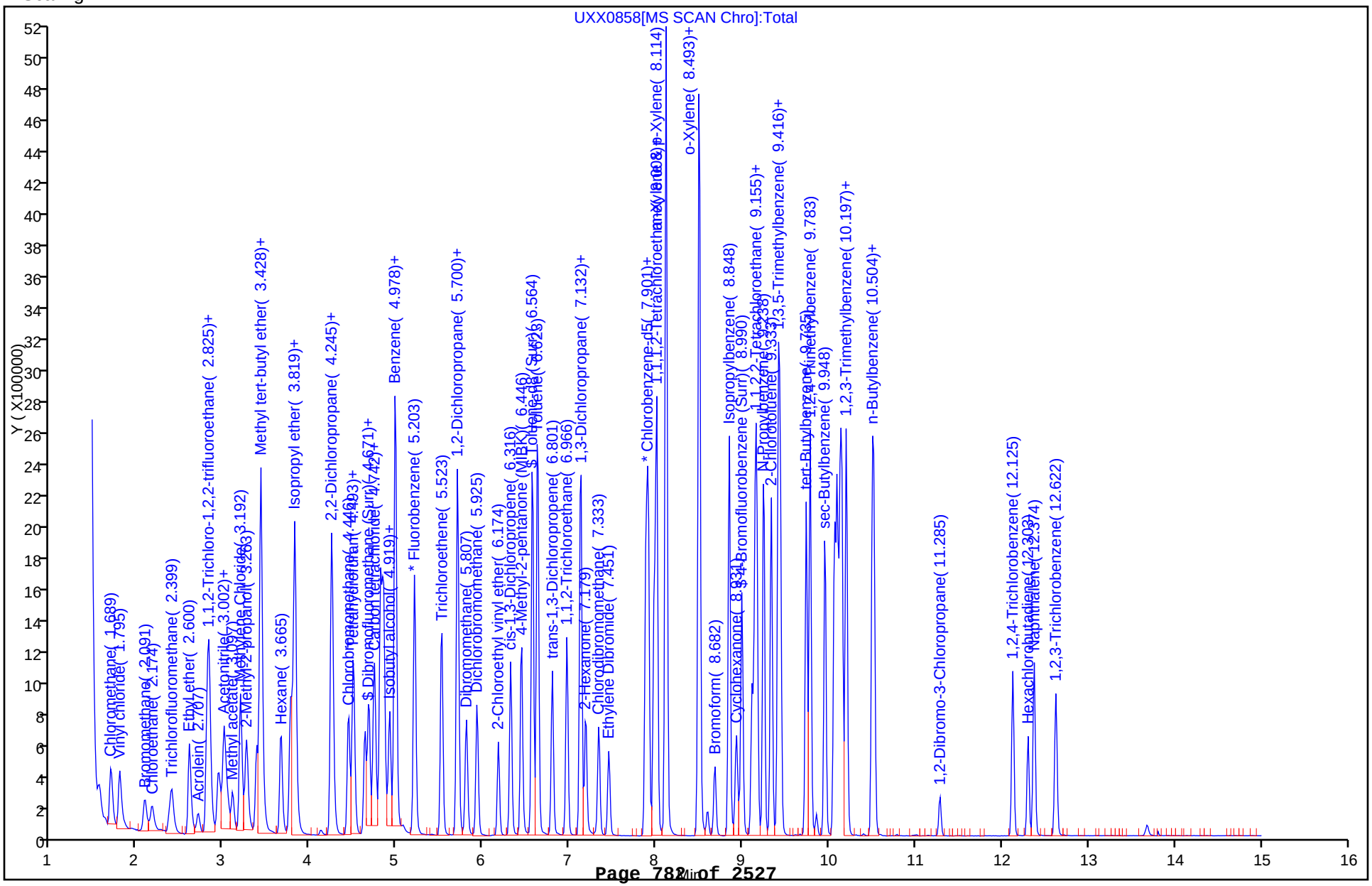
Report Date: 14-Nov-2012 12:23:04 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0858.D

Injection Date:	12-Nov-2012 19:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-65929/2 Calibration Date: 11/21/2012 10:30

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX1128.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	0.1993	0.2644	0.1000	0.0133	0.0100	32.7*	20.0
Chloromethane	Ave	0.3843	0.4114	0.1000	0.0107	0.0100	7.0	20.0
Vinyl chloride	Ave	0.3042	0.3492	0.1000	0.0115	0.0100	14.8	20.0
Bromomethane	Ave	0.1423	0.1266	0.0500	0.00890	0.0100	-11.0	20.0
Chloroethane	Ave	0.1471	0.1327	0.0500	0.00902	0.0100	-9.8	20.0
Trichlorofluoromethane	Ave	0.2208	0.2216	0.1000	0.0100	0.0100	0.4	20.0
Acrolein	Ave	0.0354	0.0404		0.114	0.100	14.0	20.0
1,1-Dichloroethene	Ave	0.2447	0.2566	0.1000	0.0105	0.0100	4.9	20.0
Acetone	Lin1		0.0809	0.0500	0.0208	0.0200	4.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1853	0.1799	0.0500	0.00971	0.0100	-2.9	20.0
Iodomethane	Ave	0.4163	0.4004		0.00962	0.0100	-3.8	20.0
Carbon disulfide	Ave	0.7761	0.8847	0.1000	0.0114	0.0100	14.0	20.0
Acetonitrile	Qua		0.0263		0.0873	0.100	-12.7	20.0
Methyl acetate	Ave	0.2338	0.2365	0.1000	0.0202	0.0200	1.2	20.0
Methylene Chloride	Ave	0.3451	0.3950	0.1000	0.0114	0.0100	14.4	20.0
2-Methyl-2-propanol	Ave	0.0202	0.0149		0.147	0.200	-26.5*	20.0
Acrylonitrile	Ave	0.1172	0.1205		0.0206	0.0200	2.8	20.0
Methyl tert-butyl ether	Ave	0.8708	0.8411	0.1000	0.00966	0.0100	-3.4	20.0
trans-1,2-Dichloroethene	Ave	0.2998	0.3141	0.1000	0.0105	0.0100	4.8	20.0
1,1-Dichloroethane	Ave	0.5111	0.5568	0.1000	0.0109	0.0100	8.9	20.0
Vinyl acetate	Ave	0.0530	0.0588		0.0111	0.0100	10.9	20.0
2-Butanone (MEK)	Ave	0.1314	0.1243	0.0500	0.0189	0.0200	-5.4	20.0
cis-1,2-Dichloroethene	Ave	0.3334	0.3371	0.1000	0.0101	0.0100	1.1	20.0
2,2-Dichloropropane	Ave	0.2926	0.2521		0.00862	0.0100	-13.8	20.0
Bromochloromethane	Ave	0.1617	0.1619		0.0100	0.0100	0.1	20.0
Chloroform	Ave	0.5145	0.5419	0.2000	0.0105	0.0100	5.3	20.0
1,1,1-Trichloroethane	Ave	0.3526	0.3540	0.1000	0.0100	0.0100	0.4	20.0
Cyclohexane	Ave	0.3996	0.4147	0.1000	0.0104	0.0100	3.8	20.0
1,1-Dichloropropene	Ave	0.3619	0.3790		0.0105	0.0100	4.7	20.0
Carbon tetrachloride	Ave	0.2845	0.2976	0.1000	0.0105	0.0100	4.6	20.0
1,2-Dichloroethane	Ave	0.3706	0.4048	0.1000	0.0109	0.0100	9.2	20.0
Benzene	Ave	1.258	1.303	0.5000	0.0104	0.0100	3.6	20.0
Trichloroethene	Ave	0.3103	0.3002	0.2000	0.00968	0.0100	-3.2	20.0
1,2-Dichloropropane	Ave	0.2919	0.3126	0.1000	0.0107	0.0100	7.1	20.0
Methylcyclohexane	Ave	0.3294	0.3114	0.1000	0.00945	0.0100	-5.5	20.0
Dibromomethane	Ave	0.1691	0.1704		0.0101	0.0100	0.8	20.0
Bromodichloromethane	Ave	0.3468	0.3666	0.1000	0.0106	0.0100	5.7	20.0
cis-1,3-Dichloropropene	Ave	0.4281	0.4271	0.1500	0.00998	0.0100	-0.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2537	0.2514	0.0500	0.0198	0.0200	-0.9	20.0
Toluene	Ave	1.886	2.040	0.4000	0.0108	0.0100	8.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-65929/2 Calibration Date: 11/21/2012 10:30

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX1128.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	0.5342	0.5612	0.1000	0.0105	0.0100	5.1	20.0
1,1,2-Trichloroethane	Ave	0.3821	0.4021	0.1000	0.0105	0.0100	5.2	20.0
1,3-Dichloropropane	Ave	0.6731	0.7057		0.0105	0.0100	4.8	20.0
Tetrachloroethene	Ave	0.3403	0.3443	0.2000	0.0101	0.0100	1.2	20.0
2-Hexanone	Ave	0.2308	0.2393	0.0500	0.0207	0.0200	3.7	20.0
Dibromochloromethane	Ave	0.3707	0.3934		0.0106	0.0100	6.1	20.0
1,2-Dibromoethane	Ave	0.3704	0.3686		0.00995	0.0100	-0.5	20.0
Chlorobenzene	Ave	1.193	1.203	0.3000	0.0101	0.0100	0.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4139	0.4368		0.0106	0.0100	5.5	20.0
Ethylbenzene	Ave	0.5964	0.6299		0.0106	0.0100	5.6	20.0
m-Xylene & p-Xylene	Ave	0.7563	0.8024		0.0212	0.0200	6.1	20.0
o-Xylene	Ave	0.7419	0.8053		0.0109	0.0100	8.5	20.0
Styrene	Ave	1.191	1.274	0.3000	0.0107	0.0100	7.0	20.0
Bromoform	Ave	0.2244	0.2141	0.1000	0.00954	0.0100	-4.6	20.0
Isopropylbenzene	Ave	1.667	1.734	0.1000	0.0104	0.0100	4.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9320	0.9558	0.3000	0.0103	0.0100	2.6	20.0
Bromobenzene	Ave	0.9309	0.8977		0.00964	0.0100	-3.6	20.0
1,2,3-Trichloropropane	Ave	0.3012	0.3079		0.0102	0.0100	2.2	20.0
N-Propylbenzene	Ave	0.8226	0.8496		0.0103	0.0100	3.3	20.0
2-Chlorotoluene	Ave	0.8267	0.8447		0.0102	0.0100	2.2	20.0
1,3,5-Trimethylbenzene	Ave	2.535	2.742		0.0108	0.0100	8.2	20.0
4-Chlorotoluene	Ave	0.8808	0.8870		0.0101	0.0100	0.7	20.0
tert-Butylbenzene	Ave	2.082	2.121		0.0102	0.0100	1.9	20.0
1,2,4-Trimethylbenzene	Ave	2.621	2.853		0.0109	0.0100	8.8	20.0
sec-Butylbenzene	Ave	2.652	2.703		0.0102	0.0100	1.9	20.0
1,3-Dichlorobenzene	Ave	1.669	1.599	0.6000	0.00958	0.0100	-4.2	20.0
4-Isopropyltoluene	Ave	2.229	2.303		0.0103	0.0100	3.3	20.0
1,4-Dichlorobenzene	Ave	1.798	1.724	0.5000	0.00959	0.0100	-4.1	20.0
n-Butylbenzene	Ave	1.765	1.760		0.00997	0.0100	-0.3	20.0
1,2-Dichlorobenzene	Ave	1.670	1.667	0.4000	0.00998	0.0100	-0.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1572	0.1335	0.0500	0.00849	0.0100	-15.1	20.0
1,2,4-Trichlorobenzene	Ave	0.8483	0.6782	0.2000	0.00800	0.0100	-20.0	20.0
Hexachlorobutadiene	Qua		0.2708		0.00801	0.0100	-19.9	20.0
Naphthalene	Ave	2.585	1.742		0.00674	0.0100	-32.6*	20.0
1,2,3-Trichlorobenzene	Ave	0.9161	0.6269		0.00684	0.0100	-31.6*	20.0
Dibromofluoromethane (Surr)	Ave	0.2739	0.2772		0.0101	0.0100	1.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3219	0.3247		0.0101	0.0100	0.9	20.0
Toluene-d8 (Surr)	Ave	1.574	1.670		0.0106	0.0100	6.1	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5205	0.4967		0.00954	0.0100	-4.6	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1128.D
Lims ID: CCVIS L4 8260 Client ID:
Inject. Date: 21-Nov-2012 10:30:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0015165-002
Misc. Info.: P21121A,8260LLUX10,,1904 =P21121A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 65929 Lims Sample ID: 2
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121121-15165.b\8260_10.m
Last Update: 23-Nov-2012 08:56:26 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: quayler Date: 21-Nov-2012 10:49:10

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.206	5.206	0.0	99	2007495	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	83	1292840	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.129	0.0	90	677607	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.626	0.0	58	556473	10.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.922	4.922	0.0	0	651810	10.1	
$ 7 Toluene-d8 (Surr)	98	6.567	6.567	0.0	93	2158818	10.6	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	90	642132	9.54	
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	87	530747	13.3	
13 Chloromethane	50	1.704	1.704	0.0	99	825790	10.7	
14 Vinyl chloride	62	1.798	1.798	0.0	82	700927	11.5	
16 Bromomethane	94	2.094	2.094	0.0	87	254223	8.90	
17 Chloroethane	64	2.177	2.177	0.0	98	266411	9.02	
19 Trichlorofluoromethane	101	2.402	2.402	0.0	97	444837	10.0	
21 Acrolein	56	2.710	2.710	0.0	94	810587	114.0	
23 1,1-Dichloroethene	96	2.804	2.804	0.0	90	515190	10.5	
24 Acetone	43	2.828	2.828	0.0	98	324755	20.8	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.840	2.840	0.0	84	361176	9.71	
26 Iodomethane	142	2.934	2.934	0.0	97	803798	9.62	
27 Carbon disulfide	76	3.005	3.005	0.0	99	1776037	11.4	
28 Acetonitrile	41	3.053	3.053	0.0	100	526964	87.3	
30 Methyl acetate	43	3.100	3.100	0.0	96	949722	20.2	
31 Methylene Chloride	84	3.195	3.195	0.0	86	792865	11.4	
32 2-Methyl-2-propanol	59	3.266	3.266	0.0	97	596317	146.9	
33 Acrylonitrile	53	3.384	3.384	0.0	99	483871	20.6	
34 trans-1,2-Dichloroethene	96	3.431	3.431	0.0	65	630525	10.5	
35 Methyl tert-butyl ether	73	3.431	3.431	0.0	91	1688447	9.66	
36 Hexane	86	3.668	3.668	0.0	93	92632	9.65	
37 1,1-Dichloroethane	63	3.775	3.775	0.0	85	1117721	10.9	
38 Vinyl acetate	86	3.798	3.798	0.0	97	118065	11.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 2-Butanone (MEK)	43	4.236	4.236	0.0	92	499109	18.9	
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	82	676783	10.1	
44 2,2-Dichloropropane	77	4.260	4.260	0.0	90	506114	8.62	
48 Chlorobromomethane	128	4.437	4.437	0.0	97	324970	10.0	
50 Chloroform	83	4.496	4.496	0.0	81	1087949	10.5	
49 Tetrahydrofuran	42	4.496	4.496	0.0	75	164653	8.26	
51 1,1,1-Trichloroethane	97	4.674	4.674	0.0	88	710575	10.0	
52 Cyclohexane	56	4.745	4.745	0.0	88	832496	10.4	
53 1,1-Dichloropropene	75	4.816	4.816	0.0	94	760793	10.5	
54 Carbon tetrachloride	117	4.828	4.828	0.0	82	597355	10.5	
56 1,2-Dichloroethane	62	4.981	4.981	0.0	47	812708	10.9	
57 Benzene	78	4.981	4.981	0.0	94	2616572	10.4	
61 Trichloroethene	130	5.526	5.526	0.0	94	602722	9.68	
63 Methylcyclohexane	83	5.703	5.703	0.0	82	625039	9.45	
64 1,2-Dichloropropane	63	5.703	5.703	0.0	82	627495	10.7	
66 Dibromomethane	93	5.798	5.798	0.0	92	342003	10.1	
67 1,4-Dioxane	88	5.810	5.810	0.0	39	130236	194.9	
68 Dichlorobromomethane	83	5.928	5.928	0.0	94	735867	10.6	
70 2-Chloroethyl vinyl ether	63	6.177	6.177	0.0	92	620649	18.7	
71 cis-1,3-Dichloropropene	75	6.319	6.319	0.0	92	857413	9.98	
72 4-Methyl-2-pentanone (MIBK)	43	6.437	6.437	0.0	97	1009373	19.8	
73 Toluene	91	6.626	6.626	0.0	96	2637314	10.8	
74 trans-1,3-Dichloropropene	75	6.804	6.804	0.0	89	725585	10.5	
75 Ethyl methacrylate	69	6.875	6.875	0.0	89	657328	10.4	
76 1,1,2-Trichloroethane	97	6.969	6.969	0.0	85	519803	10.5	
77 1,3-Dichloropropane	76	7.123	7.123	0.0	93	912357	10.5	
78 Tetrachloroethene	164	7.135	7.135	0.0	88	445059	10.1	
79 2-Hexanone	43	7.182	7.182	0.0	95	618685	20.7	
81 Chlorodibromomethane	129	7.336	7.336	0.0	88	508540	10.6	
83 Ethylene Dibromide	107	7.455	7.455	0.0	100	476573	9.95	
85 Chlorobenzene	112	7.904	7.904	0.0	93	1554861	10.1	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.975	0.0	88	564754	10.6	
87 Ethylbenzene	106	8.011	8.011	0.0	97	814359	10.6	
88 m-Xylene & p-Xylene	106	8.117	8.117	0.0	99	2074817	21.2	
89 o-Xylene	106	8.496	8.496	0.0	93	1041166	10.9	
90 Styrene	104	8.508	8.508	0.0	93	1646952	10.7	
91 Bromoform	173	8.685	8.685	0.0	98	276757	9.54	
92 Isopropylbenzene	105	8.851	8.851	0.0	95	2241381	10.4	
95 1,1,2,2-Tetrachloroethane	83	9.111	9.111	0.0	94	647641	10.3	
96 Bromobenzene	156	9.147	9.147	0.0	90	608256	9.64	
97 1,2,3-Trichloropropane	110	9.158	9.158	0.0	74	208649	10.2	
98 trans-1,4-Dichloro-2-butene	53	9.170	9.170	0.0	71	128773	9.55	
99 N-Propylbenzene	120	9.241	9.241	0.0	98	575710	10.3	
100 2-Chlorotoluene	126	9.336	9.336	0.0	96	572401	10.2	
101 1,3,5-Trimethylbenzene	105	9.419	9.419	0.0	93	1857760	10.8	
102 4-Chlorotoluene	126	9.431	9.431	0.0	98	601038	10.1	
103 tert-Butylbenzene	119	9.738	9.738	0.0	82	1436892	10.2	
104 1,2,4-Trimethylbenzene	105	9.786	9.786	0.0	72	1932954	10.9	
105 sec-Butylbenzene	105	9.951	9.951	0.0	93	1831356	10.2	
106 1,3-Dichlorobenzene	146	10.070	10.070	0.0	85	1083663	9.58	
107 4-Isopropyltoluene	119	10.093	10.093	0.0	97	1560395	10.3	
108 1,4-Dichlorobenzene	146	10.152	10.152	0.0	94	1168093	9.59	

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	98	1192324	9.97	
111 1,2-Dichlorobenzene	146	10.519	10.519	0.0	97	1129515	9.98	
112 1,2-Dibromo-3-Chloropropane	157	11.288	11.288	0.0	78	90487	8.49	
113 1,3,5-Trichlorobenzene	180	11.513	11.513	0.0	96	560228	8.88	
114 1,2,4-Trichlorobenzene	180	12.128	12.128	0.0	92	459557	8.00	
115 Hexachlorobutadiene	225	12.306	12.306	0.0	94	183485	8.01	
116 Naphthalene	128	12.377	12.377	0.0	100	1180357	6.74	
117 1,2,3-Trichlorobenzene	180	12.625	12.625	0.0	99	424809	6.84	
S 119 Trihalomethanes, Total	1				0		41.3	
S 120 1,2-Dichloroethene, Total	96				0		20.6	
S 121 1,3-Dichloropropene, Total	75				0		20.5	
S 122 Xylenes, Total	106				0		32.1	

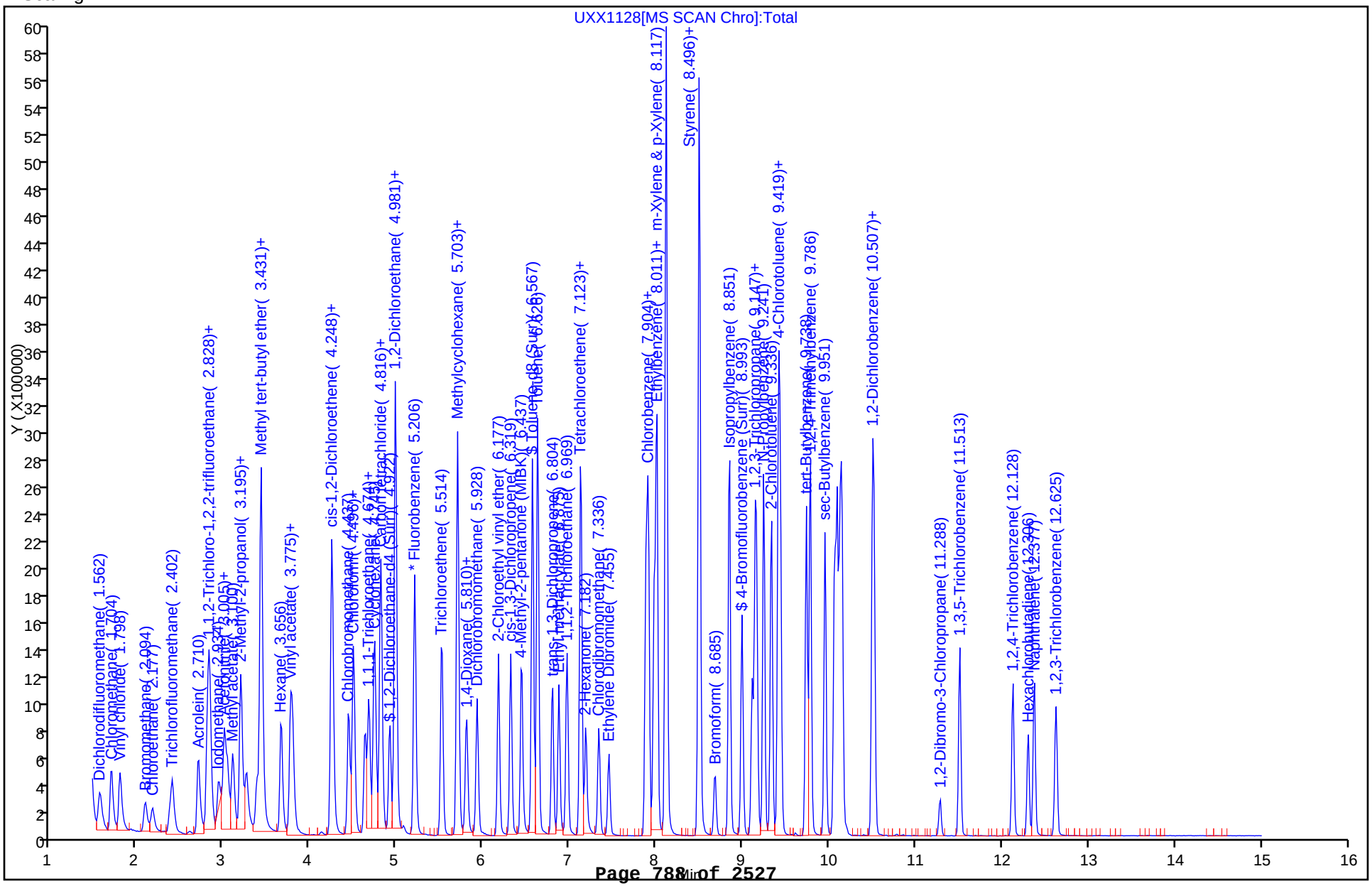
Report Date: 23-Nov-2012 08:56:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1128.D

Injection Date:	21-Nov-2012 10:30:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	65929	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.: 240-17768-1

SDG No.:

Lab Sample ID: LODV 240-65929/21 Calibration Date: 11/21/2012 17:51

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX1147.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	0.1993			0.000770	0.000500		
Chloromethane	Ave	0.3843			0.000543	0.000500		
Vinyl chloride	Ave	0.3042			0.000629	0.000500		
Bromomethane	Ave	0.1423			0.000593	0.000500		
Chloroethane	Ave	0.1471			0.000545	0.000500		
Trichlorofluoromethane	Ave	0.2208			0.000641	0.000500		
Acrolein	Ave	0.0354			0.00499	0.00500		
1,1-Dichloroethene	Ave	0.2447			0.000611	0.000500		
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1853			0.000548	0.000500		
Acetone	Lin1				0.00285	0.00500		
Iodomethane	Ave	0.4163			0.000605	0.000500		
Carbon disulfide	Ave	0.7761			0.000601	0.000500		
Acetonitrile	Qua				0.0200	0.00500		
Methyl acetate	Ave	0.2338			0.00123	0.00100		
Methylene Chloride	Ave	0.3451			0.00204	0.000500		
2-Methyl-2-propanol	Ave	0.0202			0.00849	0.0100		
Acrylonitrile	Ave	0.1172			0.00200	0.00100		
Methyl tert-butyl ether	Ave	0.8708			0.000513	0.000500		
trans-1,2-Dichloroethene	Ave	0.2998			0.000544	0.000500		
Hexane	Ave	0.0478				0.000500		
1,1-Dichloroethane	Ave	0.5111			0.000600	0.000500		
Vinyl acetate	Ave	0.0530			0.000314	0.000500		
2-Butanone (MEK)	Ave	0.1314			0.00501	0.00500		
cis-1,2-Dichloroethene	Ave	0.3334			0.000519	0.000500		
2,2-Dichloropropane	Ave	0.2926			0.000468	0.000500		
Bromochloromethane	Ave	0.1617			0.000533	0.000500		
Chloroform	Ave	0.5145			0.000565	0.000500		
1,1,1-Trichloroethane	Ave	0.3526			0.000551	0.000500		
Cyclohexane	Ave	0.3996			0.000440	0.000500		
1,1-Dichloropropene	Ave	0.3619			0.000532	0.000500		
Carbon tetrachloride	Ave	0.2845			0.000527	0.000500		

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: LODV 240-65929/21 Calibration Date: 11/21/2012 17:51

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX1147.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-Dichloroethane	Ave	0.3706			0.000610	0.000500		
Benzene	Ave	1.258			0.000602	0.000500		
Trichloroethene	Ave	0.3103			0.000512	0.000500		
1,2-Dichloropropane	Ave	0.2919			0.000535	0.000500		
Methylcyclohexane	Ave	0.3294			0.000389	0.000500		
1,4-Dioxane	Qua					0.0250		
Dibromomethane	Ave	0.1691			0.000542	0.000500		
Bromodichloromethane	Ave	0.3468			0.000509	0.000500		
2-Chloroethyl vinyl ether	Ave	0.1657				0.00100		
cis-1,3-Dichloropropene	Ave	0.4281			0.000408	0.000500		
4-Methyl-2-pentanone (MIBK)	Ave	0.2537			0.00479	0.00500		
Toluene	Ave	1.886			0.000594	0.000500		
trans-1,3-Dichloropropene	Ave	0.5342			0.000429	0.000500		
Ethyl methacrylate	Ave	0.4908				0.000500		
1,1,2-Trichloroethane	Ave	0.3821			0.000621	0.000500		
1,3-Dichloropropane	Ave	0.6731			0.000537	0.000500		
Tetrachloroethene	Ave	0.3403			0.000585	0.000500		
2-Hexanone	Ave	0.2308			0.00496	0.00500		
Dibromochloromethane	Ave	0.3707			0.000452	0.000500		
1,2-Dibromoethane	Ave	0.3704			0.000476	0.000500		
Chlorobenzene	Ave	1.193			0.000534	0.000500		
1,1,1,2-Tetrachloroethane	Ave	0.4139			0.000527	0.000500		
Ethylbenzene	Ave	0.5964			0.000460	0.000500		
m-Xylene & p-Xylene	Ave	0.7563			0.000801	0.00100		
o-Xylene	Ave	0.7419			0.000418	0.000500		
Styrene	Ave	1.191			0.000342	0.000500		
Bromoform	Ave	0.2244			0.000500	0.000500		
Isopropylbenzene	Ave	1.667			0.000373	0.000500		
1,1,2,2-Tetrachloroethane	Ave	0.9320			0.000657	0.000500		
Bromobenzene	Ave	0.9309			0.000501	0.000500		

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: LODV 240-65929/21 Calibration Date: 11/21/2012 17:51

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX1147.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	0.3012			0.000594	0.000500		
trans-1,4-Dichloro-2-butene	Lin1					0.000500		
N-Propylbenzene	Ave	0.8226			0.000464	0.000500		
2-Chlorotoluene	Ave	0.8267			0.000487	0.000500		
1,3,5-Trimethylbenzene	Ave	2.535			0.000402	0.000500		
4-Chlorotoluene	Ave	0.8808			0.000375	0.000500		
tert-Butylbenzene	Ave	2.082			0.000438	0.000500		
1,2,4-Trimethylbenzene	Ave	2.621			0.000418	0.000500		
sec-Butylbenzene	Ave	2.652			0.000385	0.000500		
1,3-Dichlorobenzene	Ave	1.669			0.000529	0.000500		
4-Isopropyltoluene	Ave	2.229			0.000360	0.000500		
1,4-Dichlorobenzene	Ave	1.798			0.000526	0.000500		
n-Butylbenzene	Ave	1.765			0.000441	0.000500		
1,2-Dichlorobenzene	Ave	1.670			0.000573	0.000500		
1,2-Dibromo-3-Chloropropane	Ave	0.1572			0.000500	0.000500		
1,3,5-Trichlorobenzene	Ave	0.9307				0.000500		
1,2,4-Trichlorobenzene	Ave	0.8483			0.000547	0.000500		
Hexachlorobutadiene	Qua				0.000569	0.000500		
Naphthalene	Ave	2.585			0.000483	0.000500		
1,2,3-Trichlorobenzene	Ave	0.9161			0.000564	0.000500		
Tetrahydrofuran	Qua					0.000500		
Dibromofluoromethane (Surr)	Ave	0.2739			0.0108	0.0100	108	85-115
1,2-Dichloroethane-d4 (Surr)	Ave	0.3219			0.0111	0.0100	111	70-120
Toluene-d8 (Surr)	Ave	1.574			0.0110	0.0100	110	85-120
4-Bromofluorobenzene (Surr)	Ave	0.5205			0.00855	0.0100	85	75-120

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1147.D
Lims ID: LODV Client ID:
Inject. Date: 21-Nov-2012 17:51:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015165-021
Misc. Info.: P21121A,8260LLUX10,,1904 =P21121A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 20
Lims Batch ID: 65929 Lims Sample ID: 21
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121121-15165.b\8260_10.m
Last Update: 23-Nov-2012 08:56:27 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: quayler Date: 23-Nov-2012 08:35:18

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.205	5.206	-0.001	99	1844789	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.881	-0.002	84	1125663	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.129	-0.002	94	531924	10.0	
$ 4 BFB	95	3.430	3.746	-0.316	0	838	0	
$ 5 Dibromofluoromethane (Surr)	113	4.637	4.626	0.011	59	547915	10.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.921	4.922	-0.001	0	661965	11.1	
$ 7 Toluene-d8 (Surr)	98	6.566	6.567	-0.001	93	1944720	11.0	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	90	500846	8.55	
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
12 Dichlorodifluoromethane	85	1.572	1.562	0.010	78	28313	0.7702	
13 Chloromethane	50	1.690	1.704	-0.014	96	38494	0.5430	
14 Vinyl chloride	62	1.797	1.798	-0.001	61	35284	0.6288	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.081	2.094	-0.013	73	15572	0.5933	
17 Chloroethane	64	2.164	2.177	-0.013	60	14796	0.5454	
18 Dichlorofluoromethane	67		2.331					
19 Trichlorofluoromethane	101	2.377	2.402	-0.025	70	26107	0.6409	
20 Ethyl ether	59		2.603					9
21 Acrolein	56	2.696	2.710	-0.014	77	32617	4.99	
23 1,1-Dichloroethene	96	2.815	2.804	0.011	69	27588	0.6112	
24 Acetone	43	2.826	2.828	-0.002	96	61597	2.85	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.826	2.840	-0.014	36	18725	0.5477	
22 Methylal	45		2.851					9
26 Iodomethane	142	2.945	2.934	0.011	96	46452	0.6049	
27 Carbon disulfide	76	3.004	3.005	-0.001	95	86115	0.6015	
28 Acetonitrile	41	3.051	3.053	-0.002	92	24620	1.45	
30 Methyl acetate	43	3.099	3.100	-0.001	85	53133	1.23	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
29 3-Chloro-1-propene	76		3.100					9
31 Methylene Chloride	84	3.193	3.195	-0.002	92	129873	2.04	
32 2-Methyl-2-propanol	59	3.264	3.266	-0.002	91	31672	8.49	
33 Acrylonitrile	53	3.383	3.384	-0.002	80	18890	0.8735	
34 trans-1,2-Dichloroethene	96	3.430	3.431	-0.001	66	30085	0.5440	
35 Methyl tert-butyl ether	73	3.430	3.431	-0.001	89	82433	0.5132	
36 Hexane	86	3.667	3.668	-0.002	86	4635	0.5253	
37 1,1-Dichloroethane	63	3.773	3.775	-0.002	75	56619	0.6004	
38 Vinyl acetate	86	3.797	3.798	-0.001	94	3074	0.3142	
39 Isopropyl ether	87		3.822					
40 2-Chloro-1,3-butadiene	53		3.846					
41 Tert-butyl ethyl ether	59		4.118					
42 2-Butanone (MEK)	43	4.246	4.236	0.010	95	121310	5.01	
43 cis-1,2-Dichloroethene	96	4.246	4.248	-0.002	46	31913	0.5189	
44 2,2-Dichloropropane	77	4.258	4.260	-0.002	53	25258	0.4679	
45 Propionitrile	54		4.283					
46 Ethyl acetate	43	4.246	4.283	-0.037	57	128876	2.68	
47 Methacrylonitrile	41		4.414					9
48 Chlorobromomethane	128	4.447	4.437	0.010	66	15900	0.5331	
50 Chloroform	83	4.495	4.496	-0.001	64	53612	0.5648	
49 Tetrahydrofuran	42		4.496					
51 1,1,1-Trichloroethane	97	4.672	4.674	-0.002	80	35865	0.5513	
52 Cyclohexane	56	4.743	4.745	-0.002	80	32431	0.4399	
53 1,1-Dichloropropene	75	4.802	4.816	-0.014	84	35546	0.5325	
54 Carbon tetrachloride	117	4.826	4.828	-0.002	80	27660	0.5271	
55 Isobutyl alcohol	41		4.851					9
56 1,2-Dichloroethane	62	4.980	4.981	-0.001	39	41705	0.6100	
57 Benzene	78	4.980	4.981	-0.001	93	139618	0.6017	
58 Tert-amyl methyl ether	73		5.064					9
59 n-Heptane	100		5.195					
60 n-Butanol	56		5.408					
61 Trichloroethene	130	5.524	5.526	-0.002	81	29311	0.5121	
62 Ethyl acrylate	55		5.605					9
63 Methylcyclohexane	83	5.702	5.703	-0.001	72	23612	0.3885	
64 1,2-Dichloropropane	63	5.702	5.703	-0.001	74	28815	0.5351	
65 Methyl methacrylate	41		5.774					
66 Dibromomethane	93	5.808	5.798	0.010	78	16914	0.5423	
67 1,4-Dioxane	88	5.808	5.810	-0.002	4	4350	18.5	
68 Dichlorobromomethane	83	5.927	5.928	-0.001	85	32554	0.5089	
69 2-Nitropropane	41		6.118					9
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	73	19759	0.6465	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	63	32216	0.4079	
72 4-Methyl-2-pentanone (MIBK)	43	6.435	6.437	-0.002	97	224170	4.79	
73 Toluene	91	6.625	6.626	-0.001	94	126040	0.5938	
74 trans-1,3-Dichloropropene	75	6.802	6.804	-0.002	65	25776	0.4287	
75 Ethyl methacrylate	69	6.873	6.875	-0.002	78	22358	0.4047	
76 1,1,2-Trichloroethane	97	6.968	6.969	-0.001	72	26699	0.6207	
77 1,3-Dichloropropane	76	7.122	7.123	-0.001	78	40719	0.5374	
78 Tetrachloroethene	164	7.134	7.135	-0.001	85	22414	0.5851	
79 2-Hexanone	43	7.181	7.182	-0.001	97	128898	4.96	
80 n-Butyl acetate	56		7.301					
81 Chlorodibromomethane	129	7.335	7.336	-0.001	59	18877	0.4523	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107	7.453	7.455	-0.002	58	19841	0.4758	
84 1-Chlorohexane	91		7.779					
85 Chlorobenzene	112	7.903	7.904	-0.001	86	71769	0.5344	
86 1,1,1,2-Tetrachloroethane	131	7.974	7.975	-0.001	70	24533	0.5265	
87 Ethylbenzene	106	8.009	8.011	-0.002	93	30892	0.4601	
88 m-Xylene & p-Xylene	106	8.116	8.117	-0.001	98	68230	0.8014	
89 o-Xylene	106	8.494	8.496	-0.002	87	34939	0.4183	
90 Styrene	104	8.506	8.508	-0.002	83	45813	0.3418	
91 Bromoform	173	8.684	8.685	-0.001	65	9941	0.3935	
92 Isopropylbenzene	105	8.849	8.851	-0.002	89	69917	0.3726	
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55		8.934					9
95 1,1,2,2-Tetrachloroethane	83	9.110	9.111	-0.001	67	32546	0.6565	
96 Bromobenzene	156	9.145	9.147	-0.002	87	24827	0.5014	
97 1,2,3-Trichloropropane	110	9.157	9.158	-0.001	63	9525	0.5945	
98 trans-1,4-Dichloro-2-butene	53	9.169	9.170	-0.001	34	4438	0.9047	
99 N-Propylbenzene	120	9.240	9.241	-0.001	92	20308	0.4641	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	91	21417	0.4871	
101 1,3,5-Trimethylbenzene	105	9.417	9.419	-0.002	76	54202	0.4020	
102 4-Chlorotoluene	126	9.441	9.431	0.010	89	17573	0.3751	
103 tert-Butylbenzene	119	9.737	9.738	-0.001	77	48442	0.4375	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	67	58316	0.4182	
105 sec-Butylbenzene	105	9.950	9.951	-0.001	77	54302	0.3849	
106 1,3-Dichlorobenzene	146	10.068	10.070	-0.002	90	46969	0.5291	
107 4-Isopropyltoluene	119	10.092	10.093	-0.001	85	42653	0.3598	
108 1,4-Dichlorobenzene	146	10.151	10.152	-0.001	74	50323	0.5262	
109 1,2,3-Trimethylbenzene	105		10.200					9
110 n-Butylbenzene	91	10.494	10.496	-0.002	81	41435	0.4415	
111 1,2-Dichlorobenzene	146	10.518	10.519	-0.001	90	50906	0.5730	
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.288	-0.001	4	4582	0.5479	
113 1,3,5-Trichlorobenzene	180	11.512	11.513	-0.001	77	26493	0.5351	
114 1,2,4-Trichlorobenzene	180	12.115	12.128	-0.013	66	24686	0.5471	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	66	17171	0.5688	
116 Naphthalene	128	12.375	12.377	-0.002	99	66414	0.4830	
117 1,2,3-Trichlorobenzene	180	12.624	12.625	-0.001	85	27505	0.5644	
118 2-Methylnaphthalene	142		13.679					
S 119 Trihalomethanes, Total	1				0		1.92	
S 120 1,2-Dichloroethene, Total	96				0		1.06	
S 121 1,3-Dichloropropene, Total	75				0		0.8366	
S 122 Xylenes, Total	106				0		1.22	
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

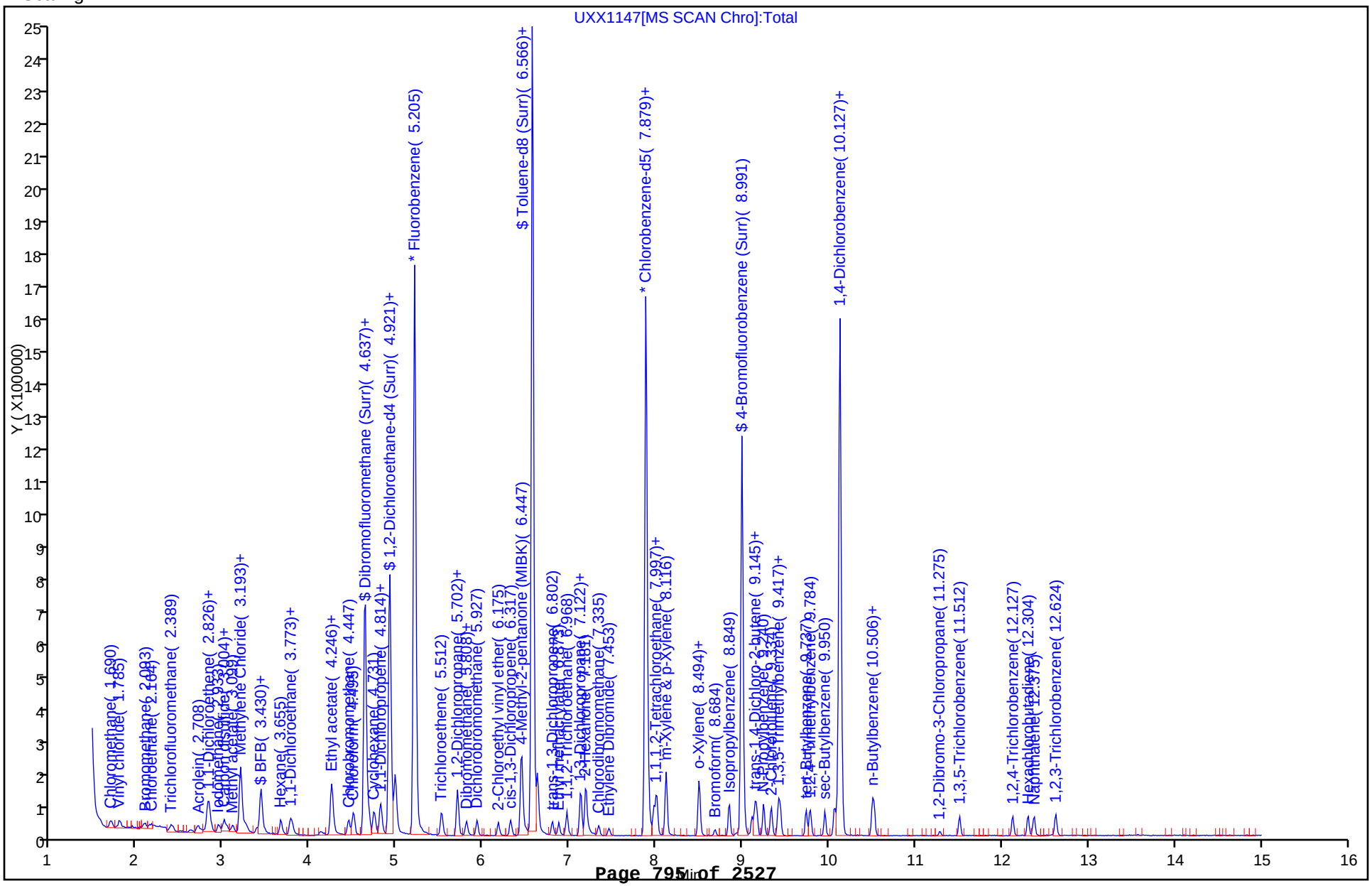
Report Date: 23-Nov-2012 08:57:02 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1147.D

Injection Date:	21-Nov-2012 17:51:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	65929	Lims Sample ID:	21
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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66063/12 Calibration Date: 11/23/2012 13:25

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 20:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 22:59

Lab File ID: 149378.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
Dichlorofluoromethane	Ave	0.5441	0.4128		0.0379	0.0500	-24.1*	20.0
Cyclohexanone	Ave	0.0718	0.0784		0.546	0.500	9.2	20.0
1,2,3-Trimethylbenzene	Ave	2.995	2.930		0.0489	0.0500	-2.2	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\149378.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	23-Nov-2012 13:25:30	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	ccv		
Misc. Info.:	240-0015202-012 =240-0015202-012		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	11
Lims Batch ID:	66063	Lims Sample ID:	12
Sublist:	chrom-8260_14*sub15		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m		
Last Update:	25-Nov-2012 10:57:02	Calib Date:	23-Nov-2012 13:03:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: macenczaks		Date:	23-Nov-2012 14:10:04

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2064846	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	92	1268526	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	97	635211	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	64	445231	43.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	92	593223	46.7	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1768677	44.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	575775	45.5	
17 Dichlorofluoromethane	67	2.447	2.447	0.0	83	852398	37.9	
19 Ethyl ether	59	2.873	2.873	0.0	94	544890	53.5	
29 3-Chloro-1-propene	76	3.690	3.690	0.0	85	240710	38.2	
39 2-Chloro-1,3-butadiene	53	5.039	5.039	0.0	89	1406454	53.4	
38 Isopropyl ether	87	5.074	5.074	0.0	97	2334214	223.4	
40 Tert-butyl ethyl ether	59	5.524	5.524	0.0	96	1978927	51.5	
44 Propionitrile	54	5.761	5.761	0.0	98	159915	117.6	
45 Ethyl acetate	43	5.796	5.796	0.0	99	1056757	143.5	
46 Methacrylonitrile	41	5.926	5.926	0.0	98	345947	58.3	
54 Isobutyl alcohol	41	6.589	6.589	0.0	94	349991	1167.7	
57 Tert-amyl methyl ether	73	6.743	6.743	0.0	84	1086303	46.1	
58 n-Heptane	100	6.896	6.896	0.0	95	168554	58.8	
59 n-Butanol	56	7.228	7.228	0.0	93	281286	1499.7	
64 Methyl methacrylate	41	7.583	7.583	0.0	89	460475	75.5	
68 2-Nitropropane	41	7.926	7.926	0.0	99	151698	140.0	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	1451916	0	
89 Cyclohexanone	55	10.541	10.541	0.0	94	994375	545.9	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	98	1861276	48.9	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	89	1406804	93.3	

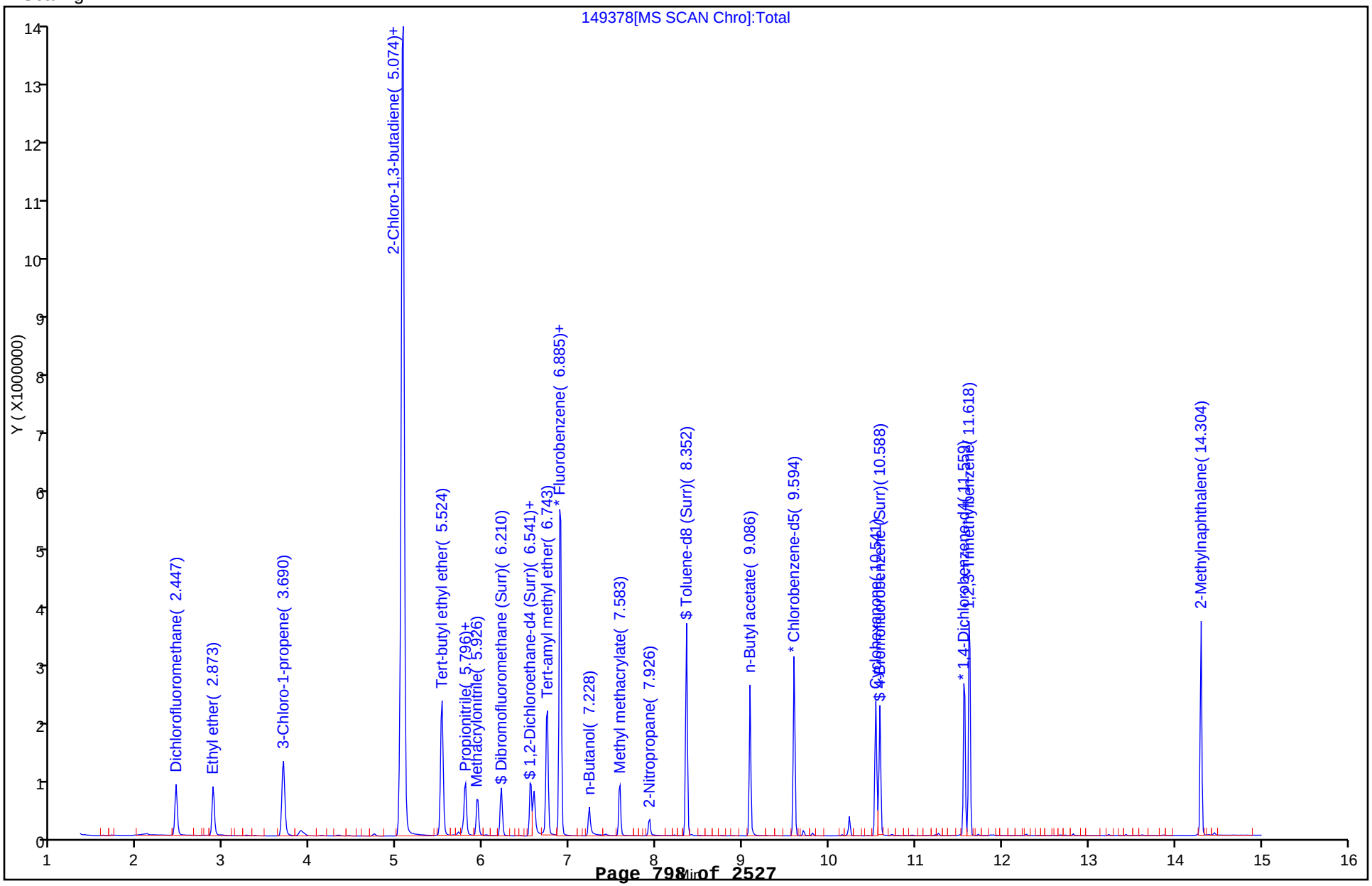
Report Date: 25-Nov-2012 10:57:02 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149378.D

Injection Date:	23-Nov-2012 13:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	12
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66063/12 Calibration Date: 11/23/2012 13:25

Instrument ID: A3UX14 Calib Start Date: 11/23/2012 10:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/23/2012 13:03

Lab File ID: 149378.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
Dibromofluoromethane (Surr)	Lin1		0.2156		0.0434	0.0500	-13.2	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2873		0.0467	0.0500	-6.6	20.0
Toluene-d8 (Surr)	Lin1		1.394		0.0447	0.0500	-10.6	20.0
4-Bromofluorobenzene (Surr)	Lin1		0.9064		0.0455	0.0500	-9.0	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\149378.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	23-Nov-2012 13:25:30	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	ccv		
Misc. Info.:	240-0015202-012 =240-0015202-012		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	11
Lims Batch ID:	66063	Lims Sample ID:	12
Sublist:	chrom-8260_14*sub15		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m		
Last Update:	25-Nov-2012 10:57:02	Calib Date:	23-Nov-2012 13:03:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: macenczaks		Date:	23-Nov-2012 14:10:04

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2064846	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	92	1268526	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	97	635211	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	64	445231	43.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	92	593223	46.7	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1768677	44.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	575775	45.5	
17 Dichlorofluoromethane	67	2.447	2.447	0.0	83	852398	37.9	
19 Ethyl ether	59	2.873	2.873	0.0	94	544890	53.5	
29 3-Chloro-1-propene	76	3.690	3.690	0.0	85	240710	38.2	
39 2-Chloro-1,3-butadiene	53	5.039	5.039	0.0	89	1406454	53.4	
38 Isopropyl ether	87	5.074	5.074	0.0	97	2334214	223.4	
40 Tert-butyl ethyl ether	59	5.524	5.524	0.0	96	1978927	51.5	
44 Propionitrile	54	5.761	5.761	0.0	98	159915	117.6	
45 Ethyl acetate	43	5.796	5.796	0.0	99	1056757	143.5	
46 Methacrylonitrile	41	5.926	5.926	0.0	98	345947	58.3	
54 Isobutyl alcohol	41	6.589	6.589	0.0	94	349991	1167.7	
57 Tert-amyl methyl ether	73	6.743	6.743	0.0	84	1086303	46.1	
58 n-Heptane	100	6.896	6.896	0.0	95	168554	58.8	
59 n-Butanol	56	7.228	7.228	0.0	93	281286	1499.7	
64 Methyl methacrylate	41	7.583	7.583	0.0	89	460475	75.5	
68 2-Nitropropane	41	7.926	7.926	0.0	99	151698	140.0	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	1451916	0	
89 Cyclohexanone	55	10.541	10.541	0.0	94	994375	545.9	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	98	1861276	48.9	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	89	1406804	93.3	

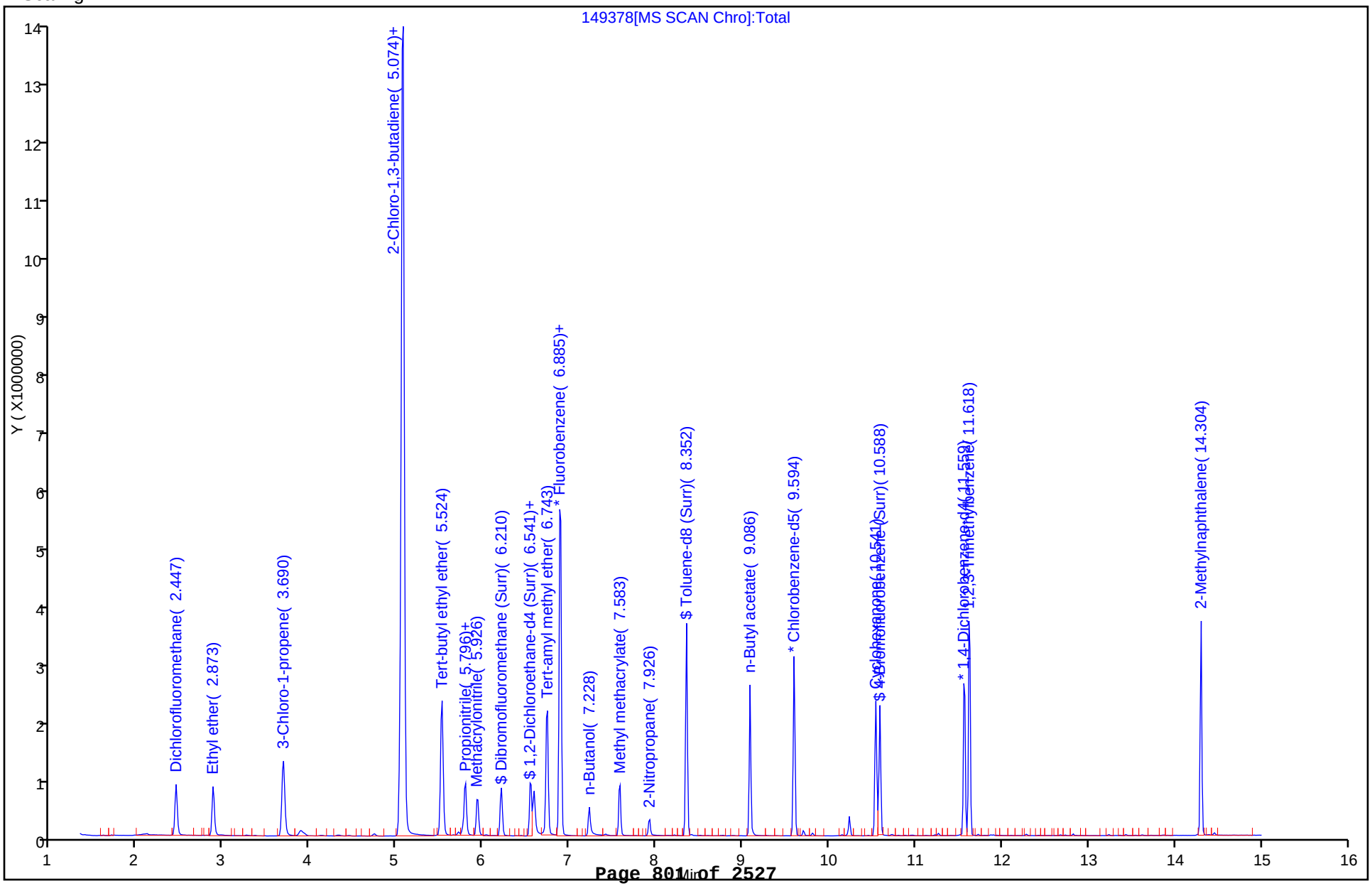
Report Date: 25-Nov-2012 10:57:02 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149378.D

Injection Date:	23-Nov-2012 13:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	12
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Lab Sample ID: ICV 240-66063/13 Calibration Date: 11/23/2012 13:46

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 20:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 22:59

Lab File ID: 149379.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	0.0718	0.0147		0.205	1.00	-79.5*	20.0
1,2,3-Trimethylbenzene	Ave	2.995	2.911		0.0486	0.0500	-2.8	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149379.D
Lims ID: ICV Client ID:
Inject. Date: 23-Nov-2012 13:46:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: icv
Misc. Info.: 240-0015202-013 =240-0015202-013
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 12
Lims Batch ID: 66063 Lims Sample ID: 13
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:57:02 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks Date: 23-Nov-2012 14:11:14

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2162348	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	1319808	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	98	630640	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	79	499596	46.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	97	620428	46.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1893210	46.0	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	577618	46.0	
12 Dichlorodifluoromethane	85	1.441	1.442	-0.001	87	567125	47.4	
13 Chloromethane	50	1.607	1.607	0.0	89	1029026	48.0	
14 Vinyl chloride	62	1.737	1.737	0.0	83	756636	47.1	
15 Bromomethane	94	2.069	2.069	0.0	92	196150	42.8	
16 Chloroethane	64	2.187	2.187	0.0	95	364067	45.5	
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	86	655798	50.7	
19 Ethyl ether	59	2.873	2.873	0.0	95	617794	57.9	
20 Acrolein	56	3.039	3.039	0.0	94	208965	130.7	
21 1,1-Dichloroethene	96	3.157	3.157	0.0	82	524947	53.6	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.193	-0.012	84	515080	56.4	
22 Acetone	43	3.264	3.264	0.0	98	354155	107.2	
24 Iodomethane	142	3.347	3.347	0.0	99	914091	54.6	
26 Carbon disulfide	76	3.429	3.430	-0.001	98	1166427	46.1	
27 Acetonitrile	41	3.666	3.666	0.0	99	184411	153.7	
28 Methyl acetate	43	3.761	3.761	0.0	98	509547	49.6	
30 Methylene Chloride	84	3.891	3.891	0.0	86	557150	49.8	
31 2-Methyl-2-propanol	59	4.199	4.199	0.0	90	660490	981.3	
32 Acrylonitrile	53	4.305	4.305	0.0	97	701662	151.5	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	86	612611	53.0	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	92	1300286	51.9	
35 Hexane	86	4.743	4.743	0.0	95	174766	56.1	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	1372972	54.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	86	5.039	5.039	0.0	96	87396	67.2	
38 Isopropyl ether	87	5.074	5.074	0.0	99	501795	45.9	
43 2,2-Dichloropropane	77	5.642	5.642	0.0	72	442657	51.0	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	78	644261	51.8	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	96	534318	101.0	
47 Chlorobromomethane	128	5.926	5.926	0.0	87	292190	51.3	
48 Tetrahydrofuran	42	5.985	5.985	0.0	91	177973	51.6	
49 Chloroform	83	6.033	6.033	0.0	84	1009007	51.1	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	88	788759	53.0	
51 Cyclohexane	56	6.257	6.269	-0.012	91	1671658	51.7	
53 Carbon tetrachloride	117	6.388	6.388	0.0	69	736847	49.4	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	853365	53.6	
54 Isobutyl alcohol	41	6.589	6.589	0.0	93	953496	3037.8	
55 Benzene	78	6.601	6.601	0.0	96	2329881	52.2	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	946874	51.5	
60 Trichloroethene	130	7.240	7.240	0.0	91	676349	53.2	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	1151051	51.5	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	91	710435	54.1	
65 Dibromomethane	93	7.559	7.559	0.0	86	281622	54.1	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	595361	47.8	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	264047	53.2	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	81	679312	45.9	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	1056362	107.3	
72 Toluene	91	8.411	8.411	0.0	91	2306987	50.6	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	89	546150	46.6	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	358863	52.3	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	508544	50.3	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	625428	50.9	
78 2-Hexanone	43	8.979	8.979	0.0	99	607164	104.5	
79 Chlorodibromomethane	129	9.109	9.109	0.0	86	358475	43.8	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	353819	52.3	
82 Chlorobenzene	112	9.618	9.618	0.0	91	1449435	49.5	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	483222	50.7	
84 Ethylbenzene	106	9.713	9.713	0.0	98	785490	51.0	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	1928434	102.6	
85 o-Xylene	106	10.150	10.151	-0.001	95	949724	52.3	
86 Styrene	104	10.162	10.162	0.0	94	1404903	54.0	
87 Bromoform	173	10.328	10.328	0.0	98	166941	46.5	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	2495202	53.2	
89 Cyclohexanone	55	10.541	10.541	0.0	90	387788	204.6	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	81	372776	52.7	
91 Bromobenzene	156	10.718	10.719	-0.001	92	558207	50.5	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	79	123054	52.5	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	76	286982	102.6	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	697765	55.5	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	574839	50.2	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	93	1987947	53.5	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	561254	50.4	
97 tert-Butylbenzene	119	11.227	11.227	0.0	84	1931429	54.3	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1937414	52.7	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2557541	54.6	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	1055113	48.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
101 4-Isopropyltoluene	119	11.535	11.535	0.0	92	2298257	55.6	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	92	1046334	47.4	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	88	1835763	48.6	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1821861	53.5	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	954600	47.0	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	74	50304	45.5	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	91	565827	40.8	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	295866	43.5	
111 Naphthalene	128	13.440	13.440	0.0	97	1087916	41.3	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	93	456809	41.7	
S 137 Trihalomethanes, Total	1				0		189.3	
S 11 1,2-Dichloroethene, Total	96				0		104.9	
S 114 Xylenes, Total	106				0		154.9	

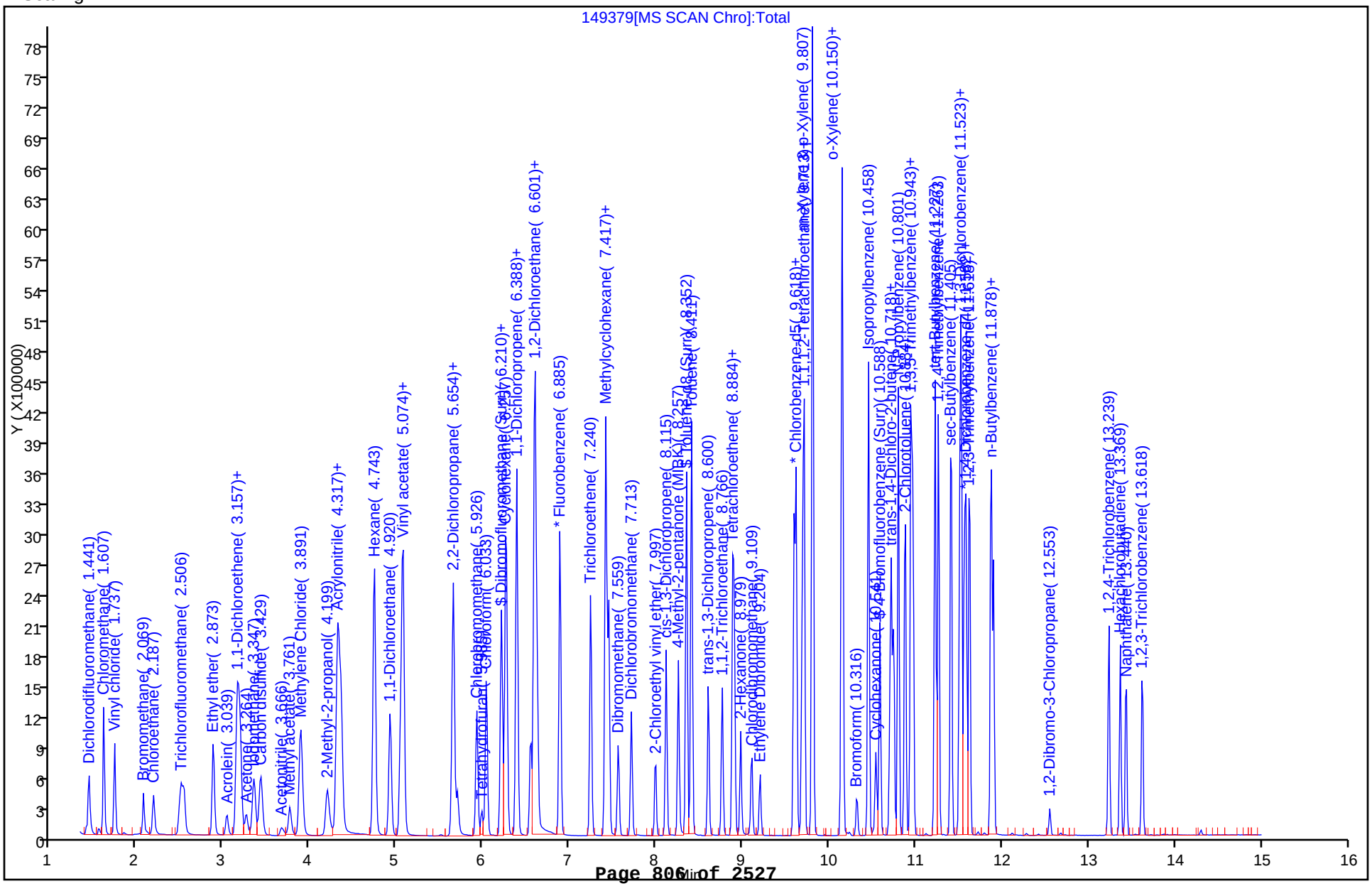
Report Date: 25-Nov-2012 10:57:03 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149379.D

Injection Date:	23-Nov-2012 13:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	13
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Lab Sample ID: ICV 240-66063/13 Calibration Date: 11/23/2012 13:46

Instrument ID: A3UX14 Calib Start Date: 11/23/2012 10:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/23/2012 13:03

Lab File ID: 149379.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	0.2764	0.2623	0.1000	0.0474	0.0500	-5.1	20.0
Chloromethane	Ave	0.4959	0.4759	0.1000	0.0480	0.0500	-4.0	20.0
Vinyl chloride	Ave	0.3717	0.3499	0.1000	0.0471	0.0500	-5.9	20.0
Bromomethane	Ave	0.1059	0.0907	0.0500	0.0428	0.0500	-14.3	20.0
Chloroethane	Ave	0.1849	0.1684	0.0500	0.0455	0.0500	-8.9	20.0
Trichlorofluoromethane	Ave	0.2992	0.3033	0.1000	0.0507	0.0500	1.4	20.0
1,1-Dichloroethene	Ave	0.2265	0.2428	0.1000	0.0536	0.0500	7.2	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2112	0.2382	0.0500	0.0564	0.0500	12.8	20.0
Acetone	Lin1		0.0819	0.0500	0.107	0.100	7.2	20.0
Iodomethane	Ave	0.3874	0.4227		0.0546	0.0500	9.1	20.0
Carbon disulfide	Lin1		0.5394	0.1000	0.0461	0.0500	-7.8	20.0
Methyl acetate	Ave	0.2374	0.2357	0.1000	0.0496	0.0500	-0.8	20.0
Methylene Chloride	Lin1		0.2577	0.1000	0.0498	0.0500	-0.4	20.0
2-Methyl-2-propanol	Ave	0.0156	0.0153		0.981	1.00	-1.9	20.0
trans-1,2-Dichloroethene	Ave	0.2671	0.2833	0.1000	0.0530	0.0500	6.1	20.0
Methyl tert-butyl ether	Ave	0.5793	0.6013	0.1000	0.0519	0.0500	3.8	20.0
1,1-Dichloroethane	Ave	0.5878	0.6349	0.1000	0.0540	0.0500	8.0	20.0
Vinyl acetate	Ave	0.0301	0.0404		0.0672	0.0500	34.5*	20.0
2,2-Dichloropropane	Ave	0.2006	0.2047		0.0510	0.0500	2.0	20.0
cis-1,2-Dichloroethene	Ave	0.2874	0.2980	0.1000	0.0518	0.0500	3.7	20.0
2-Butanone (MEK)	Ave	0.1223	0.1236	0.0500	0.101	0.100	1.0	20.0
Bromochloromethane	Ave	0.1316	0.1351		0.0513	0.0500	2.7	20.0
Chloroform	Ave	0.4567	0.4666	0.2000	0.0511	0.0500	2.2	20.0
1,1,1-Trichloroethane	Ave	0.3442	0.3648	0.1000	0.0530	0.0500	6.0	20.0
Cyclohexane	Ave	0.7470	0.7731	0.1000	0.0517	0.0500	3.5	20.0
1,1-Dichloropropene	Ave	0.3682	0.3947		0.0536	0.0500	7.2	20.0
Carbon tetrachloride	Lin1		0.3408	0.1000	0.0494	0.0500	-1.1	20.0
Benzene	Ave	1.031	1.077	0.5000	0.0522	0.0500	4.5	20.0
1,2-Dichloroethane	Ave	0.4250	0.4379	0.1000	0.0515	0.0500	3.0	20.0
Trichloroethene	Ave	0.2938	0.3128	0.2000	0.0532	0.0500	6.5	20.0
Methylcyclohexane	Ave	0.5164	0.5323	0.1000	0.0515	0.0500	3.1	20.0
1,2-Dichloropropane	Ave	0.3038	0.3286	0.1000	0.0541	0.0500	8.2	20.0
Dibromomethane	Ave	0.1204	0.1302		0.0541	0.0500	8.2	20.0
Bromodichloromethane	Lin1		0.2753	0.1000	0.0478	0.0500	-4.4	20.0
cis-1,3-Dichloropropene	Lin1		0.3142	0.1500	0.0459	0.0500	-8.3	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3731	0.4002	0.0500	0.107	0.100	7.3	20.0
Toluene	Ave	1.728	1.748	0.4000	0.0506	0.0500	1.2	20.0
trans-1,3-Dichloropropene	Lin1		0.4138	0.1000	0.0466	0.0500	-6.8	20.0
1,1,2-Trichloroethane	Ave	0.2601	0.2719	0.1000	0.0523	0.0500	4.5	20.0
Tetrachloroethene	Ave	0.3831	0.3853	0.2000	0.0503	0.0500	0.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: ICV 240-66063/13 Calibration Date: 11/23/2012 13:46

Instrument ID: A3UX14 Calib Start Date: 11/23/2012 10:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/23/2012 13:03

Lab File ID: 149379.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4656	0.4739		0.0509	0.0500	1.8	20.0
2-Hexanone	Ave	0.2202	0.2300	0.0500	0.104	0.100	4.5	20.0
Dibromochloromethane	Lin1		0.2716		0.0438	0.0500	-12.3	20.0
1,2-Dibromoethane	Ave	0.2561	0.2681		0.0523	0.0500	4.7	20.0
Chlorobenzene	Ave	1.110	1.098	0.3000	0.0495	0.0500	-1.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3614	0.3661		0.0507	0.0500	1.3	20.0
Ethylbenzene	Ave	0.5831	0.5952		0.0510	0.0500	2.1	20.0
m-Xylene & p-Xylene	Ave	0.7120	0.7306		0.103	0.100	2.6	20.0
o-Xylene	Ave	0.6886	0.7196		0.0523	0.0500	4.5	20.0
Styrene	Ave	0.9852	1.064	0.3000	0.0540	0.0500	8.1	20.0
Bromoform	Qua		0.1265	0.1000	0.0465	0.0500	-6.9	20.0
Isopropylbenzene	Ave	1.778	1.891	0.1000	0.0532	0.0500	6.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5612	0.5911	0.3000	0.0527	0.0500	5.3	20.0
Bromobenzene	Ave	0.8755	0.8851		0.0505	0.0500	1.1	20.0
1,2,3-Trichloropropane	Ave	0.1860	0.1951		0.0525	0.0500	4.9	20.0
N-Propylbenzene	Ave	0.996	1.106		0.0555	0.0500	11.1	20.0
2-Chlorotoluene	Ave	0.9085	0.9115		0.0502	0.0500	0.3	20.0
1,3,5-Trimethylbenzene	Ave	2.948	3.152		0.0535	0.0500	6.9	20.0
4-Chlorotoluene	Ave	0.8826	0.8900		0.0504	0.0500	0.8	20.0
tert-Butylbenzene	Ave	2.819	3.063		0.0543	0.0500	8.6	20.0
1,2,4-Trimethylbenzene	Ave	2.913	3.072		0.0527	0.0500	5.4	20.0
sec-Butylbenzene	Ave	3.716	4.055		0.0546	0.0500	9.1	20.0
1,3-Dichlorobenzene	Ave	1.719	1.673	0.6000	0.0487	0.0500	-2.7	20.0
4-Isopropyltoluene	Ave	3.278	3.644		0.0556	0.0500	11.2	20.0
1,4-Dichlorobenzene	Ave	1.750	1.659	0.5000	0.0474	0.0500	-5.2	20.0
n-Butylbenzene	Ave	2.701	2.889		0.0535	0.0500	6.9	20.0
1,2-Dichlorobenzene	Ave	1.612	1.514	0.4000	0.0470	0.0500	-6.1	20.0
1,2-Dibromo-3-Chloropropane	Qua		0.0798	0.0500	0.0455	0.0500	-9.0	20.0
1,2,4-Trichlorobenzene	Ave	1.101	0.8972	0.2000	0.0408	0.0500	-18.5	20.0
Hexachlorobutadiene	Ave	0.5388	0.4692		0.0435	0.0500	-12.9	20.0
Naphthalene	Ave	2.089	1.725		0.0413	0.0500	-17.4	20.0
1,2,3-Trichlorobenzene	Ave	0.8675	0.7244		0.0417	0.0500	-16.5	20.0
Dibromofluoromethane (Surr)	Lin1		0.2310		0.0466	0.0500	-6.9	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2869		0.0466	0.0500	-6.7	20.0
Toluene-d8 (Surr)	Lin1		1.434		0.0460	0.0500	-8.0	20.0
4-Bromofluorobenzene (Surr)	Lin1		0.9159		0.0460	0.0500	-8.0	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149379.D
Lims ID: ICV Client ID:
Inject. Date: 23-Nov-2012 13:46:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: icv
Misc. Info.: 240-0015202-013 =240-0015202-013
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 12
Lims Batch ID: 66063 Lims Sample ID: 13
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:57:02 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks Date: 23-Nov-2012 14:11:14

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2162348	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	1319808	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	98	630640	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	79	499596	46.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	97	620428	46.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1893210	46.0	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	577618	46.0	
12 Dichlorodifluoromethane	85	1.441	1.442	-0.001	87	567125	47.4	
13 Chloromethane	50	1.607	1.607	0.0	89	1029026	48.0	
14 Vinyl chloride	62	1.737	1.737	0.0	83	756636	47.1	
15 Bromomethane	94	2.069	2.069	0.0	92	196150	42.8	
16 Chloroethane	64	2.187	2.187	0.0	95	364067	45.5	
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	86	655798	50.7	
19 Ethyl ether	59	2.873	2.873	0.0	95	617794	57.9	
20 Acrolein	56	3.039	3.039	0.0	94	208965	130.7	
21 1,1-Dichloroethene	96	3.157	3.157	0.0	82	524947	53.6	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.193	-0.012	84	515080	56.4	
22 Acetone	43	3.264	3.264	0.0	98	354155	107.2	
24 Iodomethane	142	3.347	3.347	0.0	99	914091	54.6	
26 Carbon disulfide	76	3.429	3.430	-0.001	98	1166427	46.1	
27 Acetonitrile	41	3.666	3.666	0.0	99	184411	153.7	
28 Methyl acetate	43	3.761	3.761	0.0	98	509547	49.6	
30 Methylene Chloride	84	3.891	3.891	0.0	86	557150	49.8	
31 2-Methyl-2-propanol	59	4.199	4.199	0.0	90	660490	981.3	
32 Acrylonitrile	53	4.305	4.305	0.0	97	701662	151.5	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	86	612611	53.0	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	92	1300286	51.9	
35 Hexane	86	4.743	4.743	0.0	95	174766	56.1	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	1372972	54.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	86	5.039	5.039	0.0	96	87396	67.2	
38 Isopropyl ether	87	5.074	5.074	0.0	99	501795	45.9	
43 2,2-Dichloropropane	77	5.642	5.642	0.0	72	442657	51.0	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	78	644261	51.8	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	96	534318	101.0	
47 Chlorobromomethane	128	5.926	5.926	0.0	87	292190	51.3	
48 Tetrahydrofuran	42	5.985	5.985	0.0	91	177973	51.6	
49 Chloroform	83	6.033	6.033	0.0	84	1009007	51.1	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	88	788759	53.0	
51 Cyclohexane	56	6.257	6.269	-0.012	91	1671658	51.7	
53 Carbon tetrachloride	117	6.388	6.388	0.0	69	736847	49.4	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	853365	53.6	
54 Isobutyl alcohol	41	6.589	6.589	0.0	93	953496	3037.8	
55 Benzene	78	6.601	6.601	0.0	96	2329881	52.2	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	946874	51.5	
60 Trichloroethene	130	7.240	7.240	0.0	91	676349	53.2	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	1151051	51.5	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	91	710435	54.1	
65 Dibromomethane	93	7.559	7.559	0.0	86	281622	54.1	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	595361	47.8	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	264047	53.2	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	81	679312	45.9	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	1056362	107.3	
72 Toluene	91	8.411	8.411	0.0	91	2306987	50.6	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	89	546150	46.6	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	358863	52.3	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	508544	50.3	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	625428	50.9	
78 2-Hexanone	43	8.979	8.979	0.0	99	607164	104.5	
79 Chlorodibromomethane	129	9.109	9.109	0.0	86	358475	43.8	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	353819	52.3	
82 Chlorobenzene	112	9.618	9.618	0.0	91	1449435	49.5	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	483222	50.7	
84 Ethylbenzene	106	9.713	9.713	0.0	98	785490	51.0	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	1928434	102.6	
85 o-Xylene	106	10.150	10.151	-0.001	95	949724	52.3	
86 Styrene	104	10.162	10.162	0.0	94	1404903	54.0	
87 Bromoform	173	10.328	10.328	0.0	98	166941	46.5	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	2495202	53.2	
89 Cyclohexanone	55	10.541	10.541	0.0	90	387788	204.6	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	81	372776	52.7	
91 Bromobenzene	156	10.718	10.719	-0.001	92	558207	50.5	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	79	123054	52.5	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	76	286982	102.6	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	697765	55.5	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	574839	50.2	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	93	1987947	53.5	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	561254	50.4	
97 tert-Butylbenzene	119	11.227	11.227	0.0	84	1931429	54.3	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1937414	52.7	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2557541	54.6	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	1055113	48.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
101 4-Isopropyltoluene	119	11.535	11.535	0.0	92	2298257	55.6	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	92	1046334	47.4	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	88	1835763	48.6	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1821861	53.5	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	954600	47.0	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	74	50304	45.5	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	91	565827	40.8	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	295866	43.5	
111 Naphthalene	128	13.440	13.440	0.0	97	1087916	41.3	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	93	456809	41.7	
S 137 Trihalomethanes, Total	1				0		189.3	
S 11 1,2-Dichloroethene, Total	96				0		104.9	
S 114 Xylenes, Total	106				0		154.9	

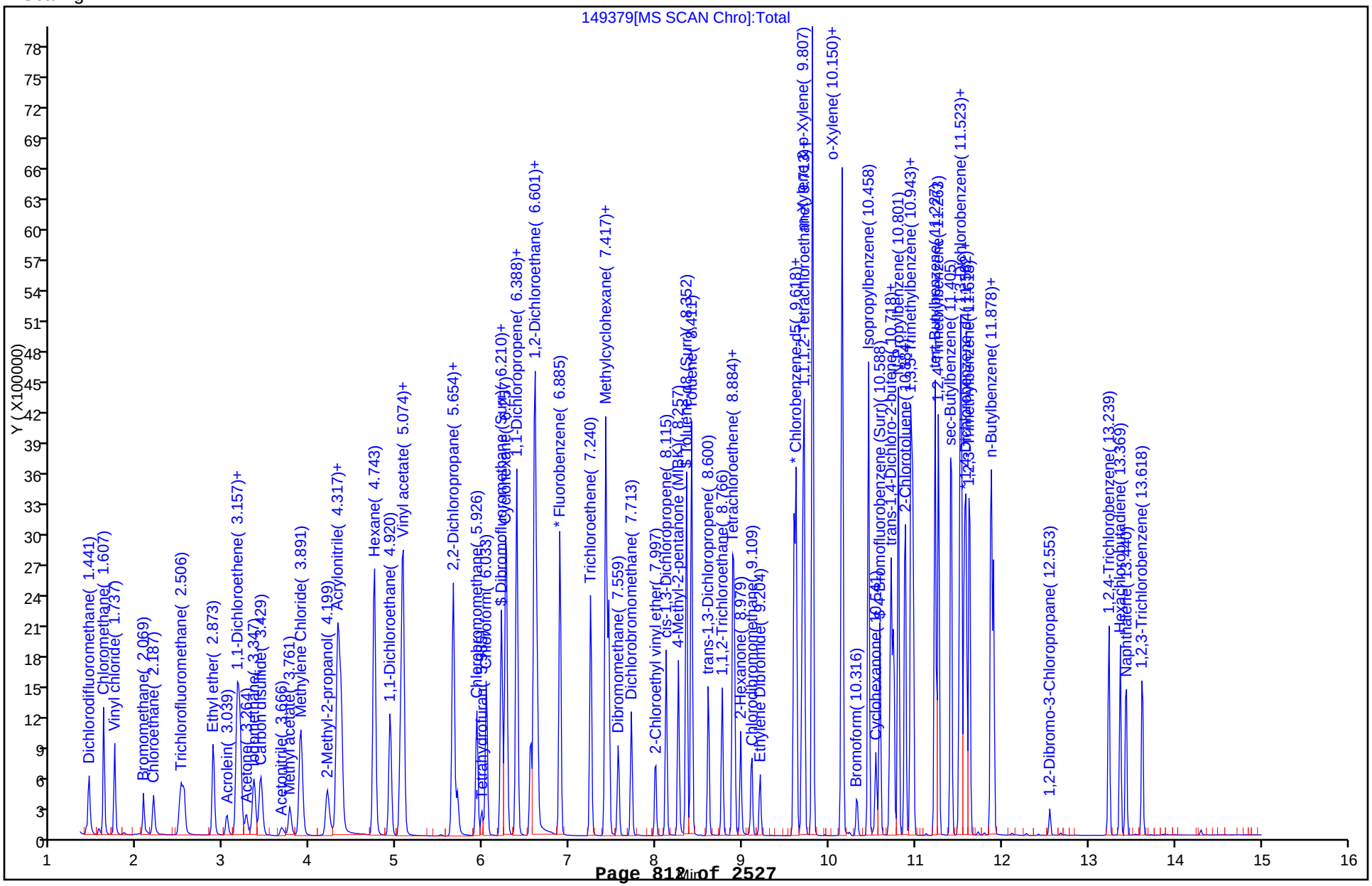
Report Date: 25-Nov-2012 10:57:03 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149379.D

Injection Date:	23-Nov-2012 13:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	13
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66175/3 Calibration Date: 11/25/2012 08:12

Instrument ID: A3UX14 Calib Start Date: 11/23/2012 10:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/23/2012 13:03

Lab File ID: 149402.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	0.2764	0.2477	0.1000	0.0448	0.0500	-10.4	20.0
Chloromethane	Ave	0.4959	0.4491	0.1000	0.0453	0.0500	-9.4	20.0
Vinyl chloride	Ave	0.3717	0.3583	0.1000	0.0482	0.0500	-3.6	20.0
Bromomethane	Ave	0.1059	0.0993	0.0500	0.0469	0.0500	-6.2	20.0
Chloroethane	Ave	0.1849	0.1710	0.0500	0.0462	0.0500	-7.5	20.0
Trichlorofluoromethane	Ave	0.2992	0.2963	0.1000	0.0495	0.0500	-0.9	20.0
1,1-Dichloroethene	Ave	0.2265	0.2235	0.1000	0.0493	0.0500	-1.4	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2112	0.2059	0.0500	0.0487	0.0500	-2.5	20.0
Acetone	Lin1		0.0833	0.0500	0.109	0.100	9.1	20.0
Iodomethane	Ave	0.3874	0.3767		0.0486	0.0500	-2.8	20.0
Carbon disulfide	Lin1		0.4913	0.1000	0.0423	0.0500	-15.5	20.0
Methyl acetate	Ave	0.2374	0.2302	0.1000	0.0969	0.100	-3.1	20.0
Methylene Chloride	Lin1		0.2470	0.1000	0.0476	0.0500	-4.8	20.0
2-Methyl-2-propanol	Ave	0.0156	0.0152		0.977	1.00	-2.3	20.0
trans-1,2-Dichloroethene	Ave	0.2671	0.2707	0.1000	0.0507	0.0500	1.3	20.0
Methyl tert-butyl ether	Ave	0.5793	0.5877	0.1000	0.0507	0.0500	1.4	20.0
1,1-Dichloroethane	Ave	0.5878	0.5985	0.1000	0.0509	0.0500	1.8	20.0
Vinyl acetate	Ave	0.0301	0.0284		0.0472	0.0500	-5.5	20.0
2,2-Dichloropropane	Ave	0.2006	0.2095		0.0522	0.0500	4.4	20.0
cis-1,2-Dichloroethene	Ave	0.2874	0.2862	0.1000	0.0498	0.0500	-0.4	20.0
2-Butanone (MEK)	Ave	0.1223	0.1220	0.0500	0.0997	0.100	-0.3	20.0
Bromochloromethane	Ave	0.1316	0.1336		0.0508	0.0500	1.5	20.0
Chloroform	Ave	0.4567	0.4694	0.2000	0.0514	0.0500	2.8	20.0
1,1,1-Trichloroethane	Ave	0.3442	0.3515	0.1000	0.0511	0.0500	2.1	20.0
Cyclohexane	Ave	0.7470	0.7451	0.1000	0.0499	0.0500	-0.3	20.0
1,1-Dichloropropene	Ave	0.3682	0.3881		0.0527	0.0500	5.4	20.0
Carbon tetrachloride	Lin1		0.3320	0.1000	0.0482	0.0500	-3.6	20.0
Benzene	Ave	1.031	1.020	0.5000	0.0494	0.0500	-1.1	20.0
1,2-Dichloroethane	Ave	0.4250	0.4238	0.1000	0.0498	0.0500	-0.3	20.0
Trichloroethene	Ave	0.2938	0.3046	0.2000	0.0518	0.0500	3.7	20.0
Methylcyclohexane	Ave	0.5164	0.5260	0.1000	0.0509	0.0500	1.9	20.0
1,2-Dichloropropane	Ave	0.3038	0.3151	0.1000	0.0519	0.0500	3.7	20.0
Dibromomethane	Ave	0.1204	0.1244		0.0517	0.0500	3.3	20.0
Bromodichloromethane	Lin1		0.2728	0.1000	0.0474	0.0500	-5.2	20.0
cis-1,3-Dichloropropene	Lin1		0.3261	0.1500	0.0475	0.0500	-5.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3731	0.3921	0.0500	0.105	0.100	5.1	20.0
Toluene	Ave	1.728	1.790	0.4000	0.0518	0.0500	3.6	20.0
trans-1,3-Dichloropropene	Lin1		0.4290	0.1000	0.0482	0.0500	-3.6	20.0
1,1,2-Trichloroethane	Ave	0.2601	0.2735	0.1000	0.0526	0.0500	5.2	20.0
Tetrachloroethene	Ave	0.3831	0.3991	0.2000	0.0521	0.0500	4.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66175/3 Calibration Date: 11/25/2012 08:12

Instrument ID: A3UX14 Calib Start Date: 11/23/2012 10:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/23/2012 13:03

Lab File ID: 149402.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4656	0.4757		0.0511	0.0500	2.2	20.0
2-Hexanone	Ave	0.2202	0.2277	0.0500	0.103	0.100	3.4	20.0
Dibromochloromethane	Lin1		0.2950		0.0473	0.0500	-5.3	20.0
1,2-Dibromoethane	Ave	0.2561	0.2737		0.0534	0.0500	6.9	20.0
Chlorobenzene	Ave	1.110	1.096	0.3000	0.0494	0.0500	-1.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3614	0.3789		0.0524	0.0500	4.8	20.0
Ethylbenzene	Ave	0.5831	0.6051		0.0519	0.0500	3.8	20.0
m-Xylene & p-Xylene	Ave	0.7120	0.7380		0.104	0.100	3.7	20.0
o-Xylene	Ave	0.6886	0.7132		0.0518	0.0500	3.6	20.0
Styrene	Ave	0.9852	1.043	0.3000	0.0529	0.0500	5.9	20.0
Bromoform	Qua		0.1342	0.1000	0.0490	0.0500	-2.0	20.0
Isopropylbenzene	Ave	1.778	1.869	0.1000	0.0526	0.0500	5.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5612	0.6408	0.3000	0.0571	0.0500	14.2	20.0
Bromobenzene	Ave	0.8755	0.9331		0.0533	0.0500	6.6	20.0
1,2,3-Trichloropropane	Ave	0.1860	0.2040		0.0548	0.0500	9.7	20.0
N-Propylbenzene	Ave	0.996	1.147		0.0576	0.0500	15.2	20.0
2-Chlorotoluene	Ave	0.9085	0.9798		0.0539	0.0500	7.8	20.0
1,3,5-Trimethylbenzene	Ave	2.948	3.336		0.0566	0.0500	13.1	20.0
4-Chlorotoluene	Ave	0.8826	0.9458		0.0536	0.0500	7.2	20.0
tert-Butylbenzene	Ave	2.819	3.261		0.0578	0.0500	15.7	20.0
1,2,4-Trimethylbenzene	Ave	2.913	3.215		0.0552	0.0500	10.3	20.0
sec-Butylbenzene	Ave	3.716	4.217		0.0567	0.0500	13.5	20.0
1,3-Dichlorobenzene	Ave	1.719	1.749	0.6000	0.0509	0.0500	1.8	20.0
4-Isopropyltoluene	Ave	3.278	3.716		0.0567	0.0500	13.4	20.0
1,4-Dichlorobenzene	Ave	1.750	1.754	0.5000	0.0501	0.0500	0.2	20.0
n-Butylbenzene	Ave	2.701	2.973		0.0550	0.0500	10.0	20.0
1,2-Dichlorobenzene	Ave	1.612	1.570	0.4000	0.0487	0.0500	-2.6	20.0
1,2-Dibromo-3-Chloropropane	Qua		0.0835	0.0500	0.0474	0.0500	-5.2	20.0
1,2,4-Trichlorobenzene	Ave	1.101	0.9261	0.2000	0.0421	0.0500	-15.9	20.0
Hexachlorobutadiene	Ave	0.5388	0.4723		0.0438	0.0500	-12.3	20.0
Naphthalene	Ave	2.089	1.697		0.0406	0.0500	-18.8	20.0
1,2,3-Trichlorobenzene	Ave	0.8675	0.6861		0.0395	0.0500	-20.9*	20.0
Dibromofluoromethane (Surr)	Lin1		0.2253		0.0454	0.0500	-9.2	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2811		0.0457	0.0500	-8.6	20.0
Toluene-d8 (Surr)	Lin1		1.457		0.0467	0.0500	-6.6	20.0
4-Bromofluorobenzene (Surr)	Lin1		0.9428		0.0474	0.0500	-5.3	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149402.D
Lims ID: CCVIS Client ID:
Inject. Date: 25-Nov-2012 08:12:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: ccvis
Misc. Info.: 240-0015237-003 =240-0015237-003
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 66175 Lims Sample ID: 3
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:48 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 25-Nov-2012 08:30:44

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2340718	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	90	1368266	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	603925	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	83	527278	45.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	93	658006	45.7	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1993123	46.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	569381	47.4	
12 Dichlorodifluoromethane	85	1.430	1.430	0.0	87	579843	44.8	
13 Chloromethane	50	1.607	1.607	0.0	89	1051166	45.3	
14 Vinyl chloride	62	1.737	1.737	0.0	83	838590	48.2	
15 Bromomethane	94	2.069	2.069	0.0	90	232414	46.9	
16 Chloroethane	64	2.187	2.187	0.0	95	400231	46.2	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	86	693647	49.5	
20 Acrolein	56	3.027	3.027	0.0	97	821925	474.9	
21 1,1-Dichloroethene	96	3.145	3.145	0.0	82	523022	49.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	83	481925	48.7	
22 Acetone	43	3.252	3.252	0.0	98	389743	109.1	
24 Iodomethane	142	3.347	3.347	0.0	99	881678	48.6	
26 Carbon disulfide	76	3.418	3.418	0.0	99	1149923	42.3	
27 Acetonitrile	41	3.666	3.666	0.0	100	607589	467.8	
28 Methyl acetate	43	3.761	3.761	0.0	98	1077485	96.9	
30 Methylene Chloride	84	3.879	3.879	0.0	87	578089	47.6	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	91	711477	976.5	
32 Acrylonitrile	53	4.293	4.293	0.0	96	478175	95.4	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	87	633510	50.7	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	88	1375596	50.7	
35 Hexane	86	4.743	4.743	0.0	95	168570	50.0	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	1401002	50.9	
37 Vinyl acetate	86	5.039	5.039	0.0	97	66467	47.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	76	490433	52.2	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	669953	49.8	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	571146	99.7	
47 Chlorobromomethane	128	5.926	5.926	0.0	87	312746	50.8	
48 Tetrahydrofuran	42	5.973	5.973	0.0	91	191701	51.3	
49 Chloroform	83	6.033	6.033	0.0	83	1098788	51.4	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	822650	51.1	
51 Cyclohexane	56	6.257	6.257	0.0	91	1744042	49.9	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	908380	52.7	
53 Carbon tetrachloride	117	6.388	6.388	0.0	68	777023	48.2	
55 Benzene	78	6.601	6.601	0.0	96	2387702	49.4	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	991888	49.8	
60 Trichloroethene	130	7.240	7.240	0.0	89	712886	51.8	
63 Methylcyclohexane	83	7.417	7.417	0.0	93	1231321	50.9	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	90	737632	51.9	
65 Dibromomethane	93	7.559	7.559	0.0	86	291185	51.7	
66 1,4-Dioxane	88	7.583	7.583	0.0	87	195379	2708.6	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	638420	47.4	
69 2-Chloroethyl vinyl ether	63	7.985	7.985	0.0	89	529230	98.5	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	83	763249	47.5	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	1072935	105.1	
72 Toluene	91	8.411	8.411	0.0	90	2449410	51.8	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	90	586933	48.2	
74 Ethyl methacrylate	69	8.683	8.683	0.0	91	472149	52.2	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	374281	52.6	
77 Tetrachloroethene	164	8.884	8.884	0.0	90	546036	52.1	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	650837	51.1	
78 2-Hexanone	43	8.979	8.979	0.0	99	623094	103.4	
79 Chlorodibromomethane	129	9.109	9.109	0.0	87	403649	47.3	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	374522	53.4	
82 Chlorobenzene	112	9.618	9.618	0.0	91	1499901	49.4	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	518407	52.4	
84 Ethylbenzene	106	9.713	9.713	0.0	98	827982	51.9	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	2019587	103.7	
85 o-Xylene	106	10.150	10.150	0.0	84	975864	51.8	
86 Styrene	104	10.150	10.150	0.0	84	1427447	52.9	
87 Bromoform	173	10.316	10.316	0.0	96	183590	49.0	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	2557077	52.6	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	85	387005	57.1	
91 Bromobenzene	156	10.718	10.718	0.0	90	563533	53.3	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	80	123196	54.8	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.742	0.0	53	145284	54.2	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	692993	57.6	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	591742	53.9	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	2014685	56.6	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	571214	53.6	
97 tert-Butylbenzene	119	11.227	11.227	0.0	81	1969270	57.8	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1941497	55.2	
99 sec-Butylbenzene	105	11.405	11.405	0.0	96	2546788	56.7	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	84	1056465	50.9	
101 4-Isopropyltoluene	119	11.523	11.523	0.0	93	2244414	56.7	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	93	1059303	50.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1795197	55.0	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	948299	48.7	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	74	50418	47.4	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	701225	46.0	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	91	559302	42.1	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	285245	43.8	
111 Naphthalene	128	13.440	13.440	0.0	97	1024909	40.6	
112 1,2,3-Trichlorobenzene	180	13.618	13.618	0.0	93	414324	39.5	
S 137 Trihalomethanes, Total	1				0		195.1	
S 11 1,2-Dichloroethene, Total	96				0		100.5	
S 9 1,3-Dichloropropene, Total	75				0		95.7	
S 114 Xylenes, Total	106				0		155.4	

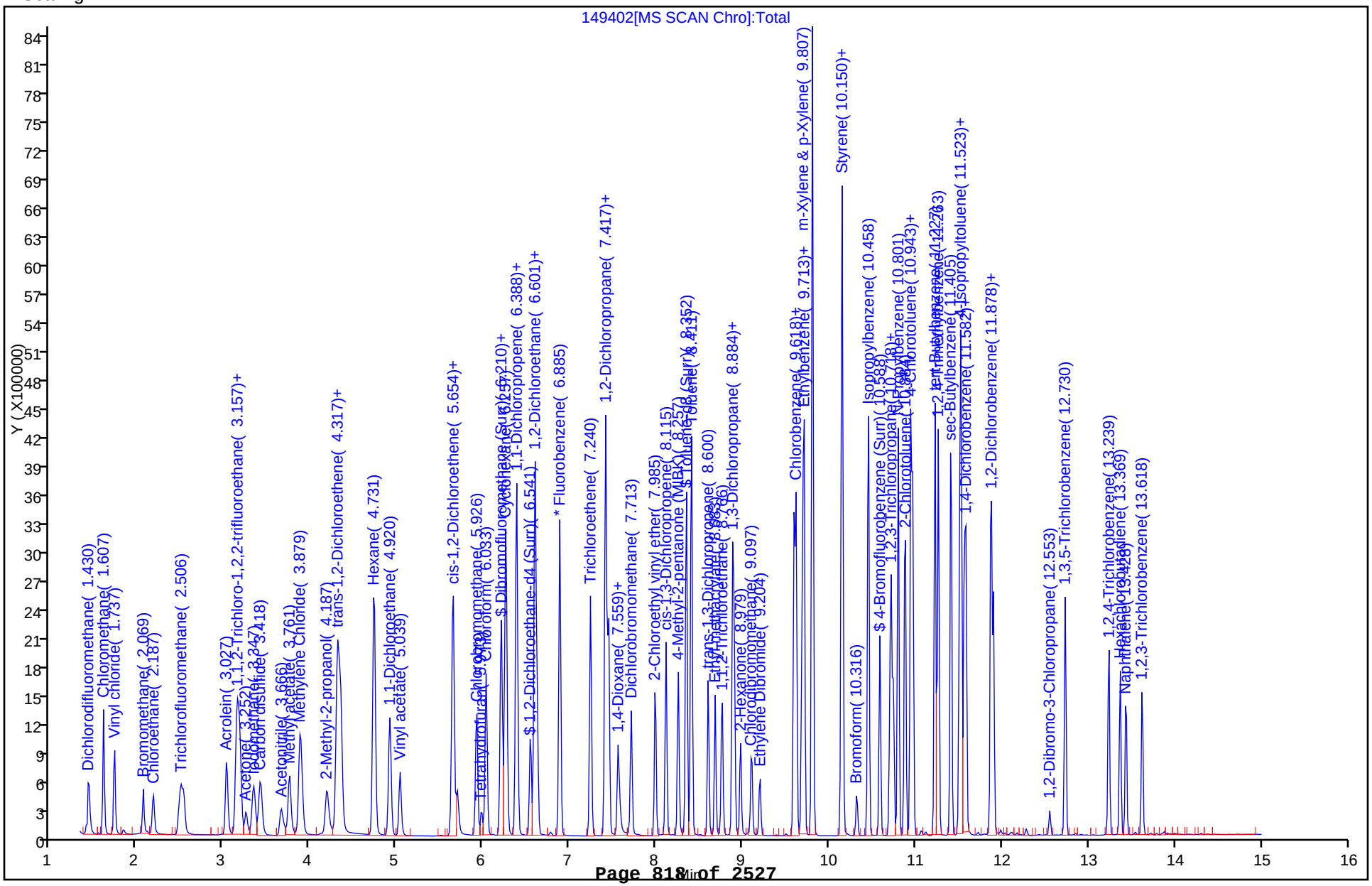
Report Date: 27-Nov-2012 11:11:49 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149402.D

Injection Date:	25-Nov-2012 08:12:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	3
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66175/4 Calibration Date: 11/25/2012 08:33

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 20:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 22:59

Lab File ID: 149403.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorofluoromethane	Ave	0.5441	0.4070		37.4	50.0	-25.2*	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149403.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	25-Nov-2012 08:33:30	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	ccv		
Misc. Info.:	240-0015237-004 =240-0015237-004		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	3
Lims Batch ID:	66175	Lims Sample ID:	4
Sublist:	chrom-8260_14*sub15		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m		
Last Update:	27-Nov-2012 11:11:50	Calib Date:	23-Nov-2012 13:03:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK019		
First Level Reviewer: macenczaks		Date:	25-Nov-2012 09:15:25

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	98	2307117	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	96	1334004	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.0	96	638634	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	59	497466	43.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	633938	44.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	1924229	46.3	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	576940	45.4	
17 Dichlorofluoromethane	67	2.447	2.447	0.0	83	938898	37.4	
19 Ethyl ether	59	2.873	2.873	0.0	95	616041	54.2	
29 3-Chloro-1-propene	76	3.690	3.690	0.0	85	299073	42.4	
39 2-Chloro-1,3-butadiene	53	5.039	5.039	0.0	78	1656804	56.3	
38 Isopropyl ether	87	5.062	5.062	0.0	97	2655759	227.5	
40 Tert-butyl ethyl ether	59	5.524	5.524	0.0	96	2249009	52.4	
44 Propionitrile	54	5.761	5.761	0.0	99	169361	111.5	
45 Ethyl acetate	43	5.784	5.784	0.0	99	1136004	138.0	
46 Methacrylonitrile	41	5.926	5.926	0.0	98	378943	57.2	
54 Isobutyl alcohol	41	6.589	6.589	0.0	95	349333	1043.1	
57 Tert-amyl methyl ether	73	6.731	6.731	0.0	84	1253943	47.6	
58 n-Heptane	100	6.897	6.897	0.0	95	200456	62.6	
59 n-Butanol	56	7.228	7.228	0.0	92	277704	1413.9	
64 Methyl methacrylate	41	7.571	7.571	0.0	88	479006	70.2	
68 2-Nitropropane	41	7.914	7.914	0.0	97	163827	136.0	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	1428473	0	
89 Cyclohexanone	55	10.541	10.541	0.0	94	1035842	540.8	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	98	1925266	50.3	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	90	1460388	96.4	

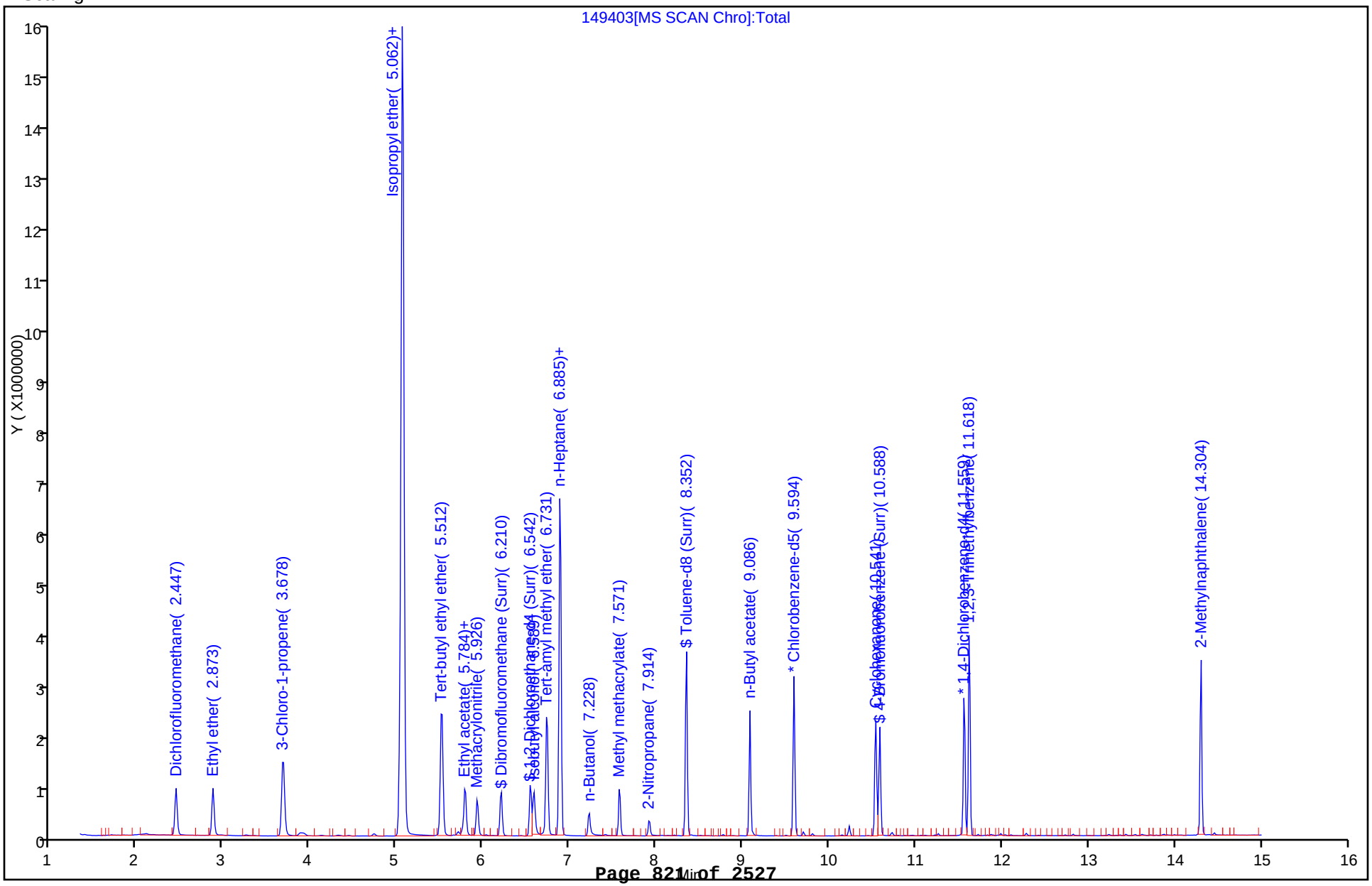
Report Date: 27-Nov-2012 11:11:50 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149403.D

Injection Date:	25-Nov-2012 08:33:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	4
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66175/4 Calibration Date: 11/25/2012 08:33

Instrument ID: A3UX14 Calib Start Date: 11/23/2012 10:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/23/2012 13:03

Lab File ID: 149403.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Lin1		0.2156		43.4	50.0	-13.2	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2748		44.6	50.0	-10.8	20.0
Toluene-d8 (Surr)	Lin1		1.442		46.3	50.0	-7.5	20.0
4-Bromofluorobenzene (Surr)	Lin1		0.9034		45.4	50.0	-9.3	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\149403.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	25-Nov-2012 08:33:30	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	ccv		
Misc. Info.:	240-0015237-004 =240-0015237-004		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	3
Lims Batch ID:	66175	Lims Sample ID:	4
Sublist:	chrom-8260_14*sub15		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m		
Last Update:	27-Nov-2012 11:11:50	Calib Date:	23-Nov-2012 13:03:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK019		
First Level Reviewer: macenczaks		Date:	25-Nov-2012 09:15:25

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	98	2307117	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	96	1334004	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.0	96	638634	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	59	497466	43.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	633938	44.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	1924229	46.3	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	576940	45.4	
17 Dichlorofluoromethane	67	2.447	2.447	0.0	83	938898	37.4	
19 Ethyl ether	59	2.873	2.873	0.0	95	616041	54.2	
29 3-Chloro-1-propene	76	3.690	3.690	0.0	85	299073	42.4	
39 2-Chloro-1,3-butadiene	53	5.039	5.039	0.0	78	1656804	56.3	
38 Isopropyl ether	87	5.062	5.062	0.0	97	2655759	227.5	
40 Tert-butyl ethyl ether	59	5.524	5.524	0.0	96	2249009	52.4	
44 Propionitrile	54	5.761	5.761	0.0	99	169361	111.5	
45 Ethyl acetate	43	5.784	5.784	0.0	99	1136004	138.0	
46 Methacrylonitrile	41	5.926	5.926	0.0	98	378943	57.2	
54 Isobutyl alcohol	41	6.589	6.589	0.0	95	349333	1043.1	
57 Tert-amyl methyl ether	73	6.731	6.731	0.0	84	1253943	47.6	
58 n-Heptane	100	6.897	6.897	0.0	95	200456	62.6	
59 n-Butanol	56	7.228	7.228	0.0	92	277704	1413.9	
64 Methyl methacrylate	41	7.571	7.571	0.0	88	479006	70.2	
68 2-Nitropropane	41	7.914	7.914	0.0	97	163827	136.0	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	1428473	0	
89 Cyclohexanone	55	10.541	10.541	0.0	94	1035842	540.8	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	98	1925266	50.3	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	90	1460388	96.4	

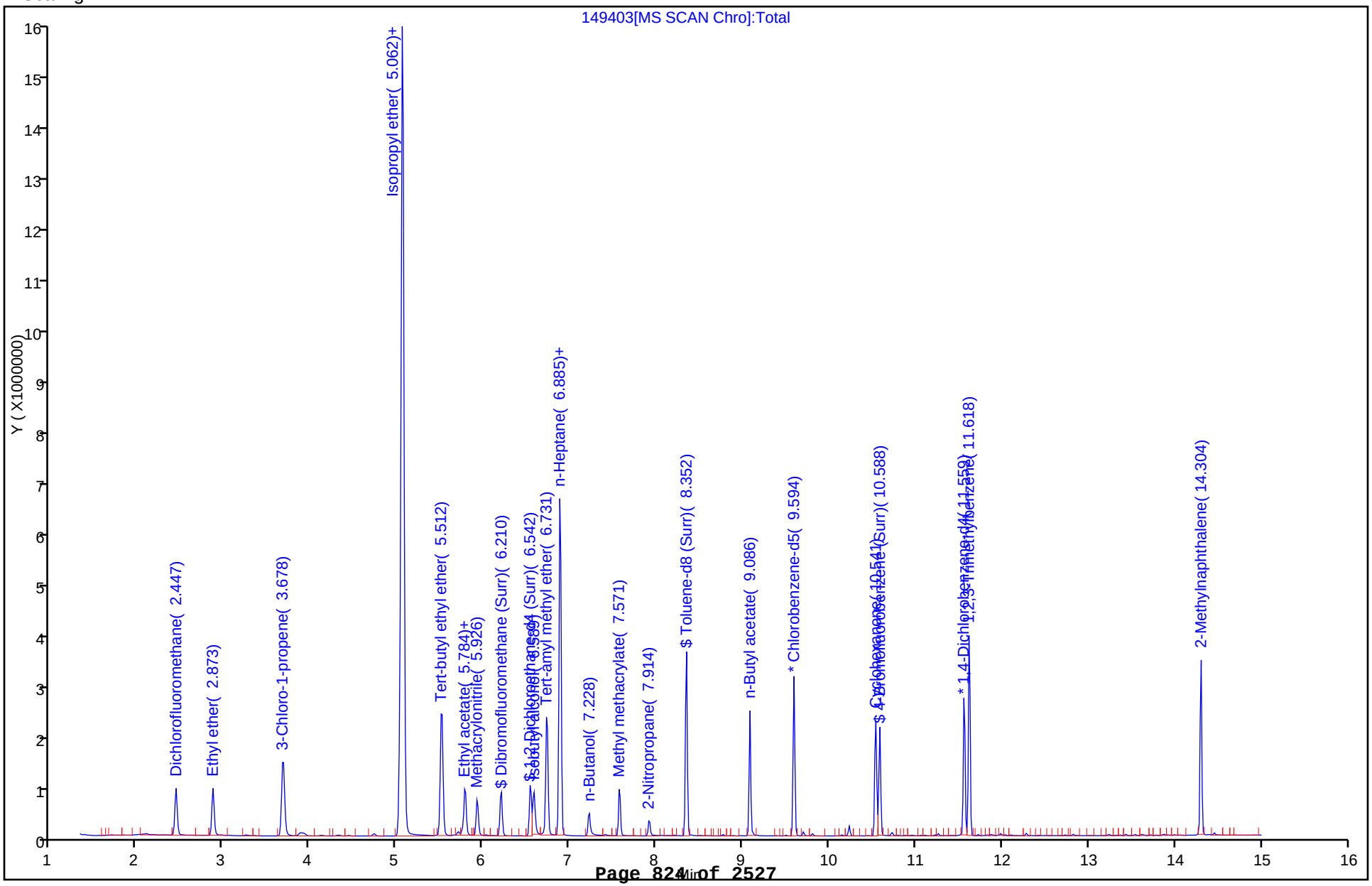
Report Date: 27-Nov-2012 11:11:50 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149403.D

Injection Date:	25-Nov-2012 08:33:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	4
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66239/4 Calibration Date: 11/26/2012 12:28

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 20:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 22:59

Lab File ID: 149436.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorofluoromethane	Ave	0.5441	0.4026		37.0	50.0	-26.0*	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149436.D
Lims ID: CCV Client ID:
Inject. Date: 26-Nov-2012 12:28:30 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: ccv
Misc. Info.: 240-0015258-004 =240-0015258-004
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 66239 Lims Sample ID: 4
Sublist: chrom-8260_14*sub15
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121126-15258.b\8260_14.m
Last Update: 27-Nov-2012 09:27:57 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 12:45:08

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2288503	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	95	1321337	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	97	642178	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	72	498040	43.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	92	639579	45.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1891845	45.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	569166	44.5	
17 Dichlorofluoromethane	67	2.447	2.447	0.0	83	921339	37.0	
19 Ethyl ether	59	2.873	2.873	0.0	96	598091	53.0	
29 3-Chloro-1-propene	76	3.690	3.690	0.0	86	286429	41.0	
39 2-Chloro-1,3-butadiene	53	5.039	5.039	0.0	87	1579982	54.1	
38 Isopropyl ether	87	5.074	5.074	0.0	97	2587740	223.5	
40 Tert-butyl ethyl ether	59	5.524	5.524	0.0	97	2189250	51.4	
44 Propionitrile	54	5.760	5.760	0.0	99	163108	108.2	
45 Ethyl acetate	43	5.796	5.796	0.0	99	1091288	133.7	
46 Methacrylonitrile	41	5.926	5.926	0.0	97	364687	55.5	
54 Isobutyl alcohol	41	6.589	6.589	0.0	92	335223	1009.1	
57 Tert-amyl methyl ether	73	6.743	6.743	0.0	85	1189276	45.5	
58 n-Heptane	100	6.896	6.896	0.0	94	189973	59.8	
59 n-Butanol	56	7.228	7.228	0.0	91	259391	1338.1	
64 Methyl methacrylate	41	7.571	7.571	0.0	87	442861	65.5	
68 2-Nitropropane	41	7.926	7.926	0.0	98	148110	125.6	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	1333685	0	
89 Cyclohexanone	55	10.541	10.541	0.0	94	1072209	565.1	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	98	1885234	49.0	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	90	1474299	96.7	

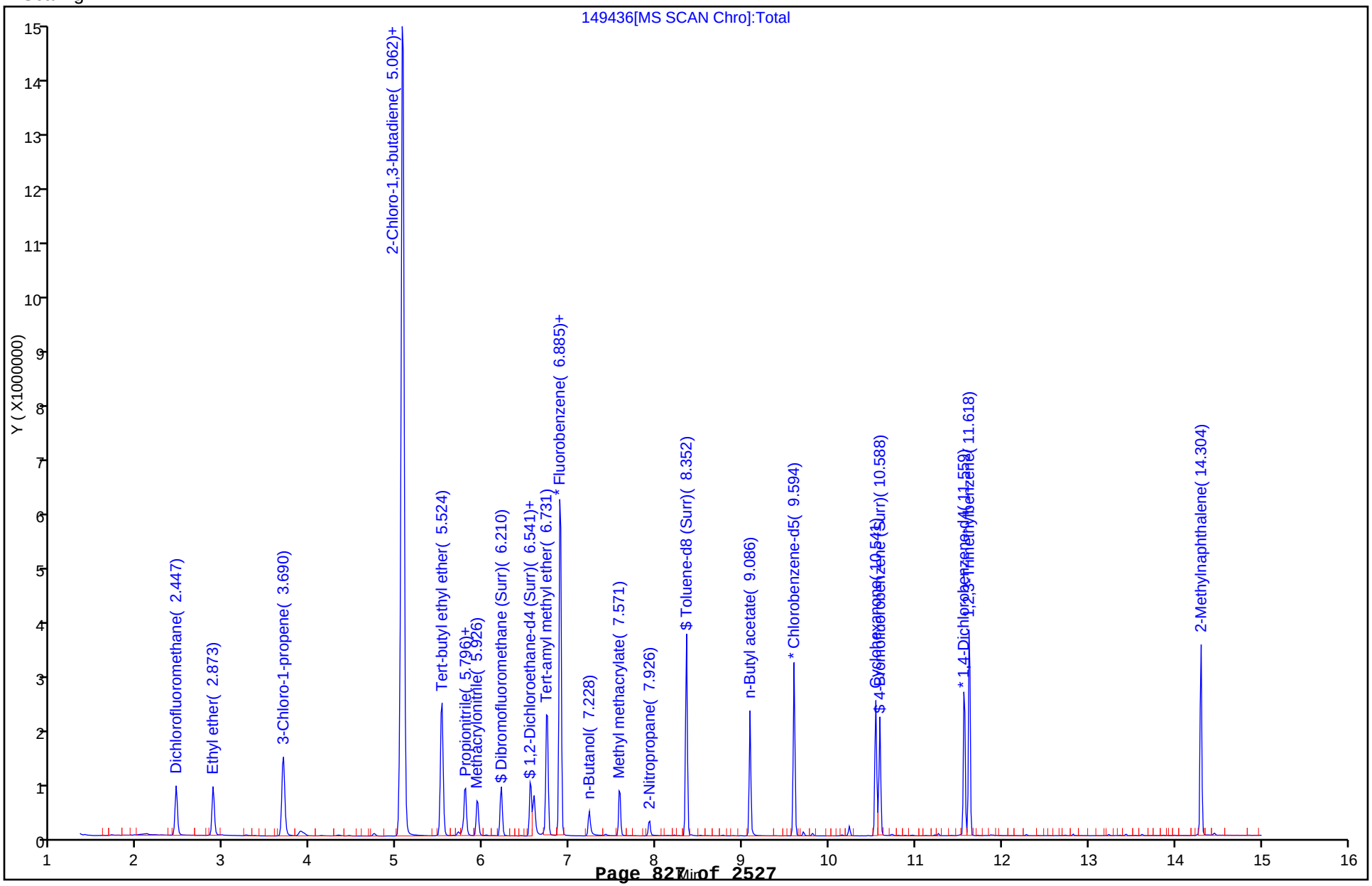
Report Date: 27-Nov-2012 09:27:57 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149436.D

Injection Date:	26-Nov-2012 12:28:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	4
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66239/4 Calibration Date: 11/26/2012 12:28

Instrument ID: A3UX14 Calib Start Date: 11/23/2012 10:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/23/2012 13:03

Lab File ID: 149436.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Lin1		0.2176		43.8	50.0	-12.4	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2795		45.4	50.0	-9.2	20.0
Toluene-d8 (Surr)	Lin1		1.432		45.9	50.0	-8.2	20.0
4-Bromofluorobenzene (Surr)	Lin1		0.8863		44.5	50.0	-11.1	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121126-15258.b\149436.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	26-Nov-2012 12:28:30	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	ccv		
Misc. Info.:	240-0015258-004 =240-0015258-004		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	3
Lims Batch ID:	66239	Lims Sample ID:	4
Sublist:	chrom-8260_14*sub15		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121126-15258.b\8260_14.m		
Last Update:	27-Nov-2012 09:27:57	Calib Date:	23-Nov-2012 13:03:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK019		
First Level Reviewer: macenczaks		Date:	26-Nov-2012 12:45:08

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2288503	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	95	1321337	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	97	642178	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	72	498040	43.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	92	639579	45.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1891845	45.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	569166	44.5	
17 Dichlorofluoromethane	67	2.447	2.447	0.0	83	921339	37.0	
19 Ethyl ether	59	2.873	2.873	0.0	96	598091	53.0	
29 3-Chloro-1-propene	76	3.690	3.690	0.0	86	286429	41.0	
39 2-Chloro-1,3-butadiene	53	5.039	5.039	0.0	87	1579982	54.1	
38 Isopropyl ether	87	5.074	5.074	0.0	97	2587740	223.5	
40 Tert-butyl ethyl ether	59	5.524	5.524	0.0	97	2189250	51.4	
44 Propionitrile	54	5.760	5.760	0.0	99	163108	108.2	
45 Ethyl acetate	43	5.796	5.796	0.0	99	1091288	133.7	
46 Methacrylonitrile	41	5.926	5.926	0.0	97	364687	55.5	
54 Isobutyl alcohol	41	6.589	6.589	0.0	92	335223	1009.1	
57 Tert-amyl methyl ether	73	6.743	6.743	0.0	85	1189276	45.5	
58 n-Heptane	100	6.896	6.896	0.0	94	189973	59.8	
59 n-Butanol	56	7.228	7.228	0.0	91	259391	1338.1	
64 Methyl methacrylate	41	7.571	7.571	0.0	87	442861	65.5	
68 2-Nitropropane	41	7.926	7.926	0.0	98	148110	125.6	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	1333685	0	
89 Cyclohexanone	55	10.541	10.541	0.0	94	1072209	565.1	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	98	1885234	49.0	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	90	1474299	96.7	

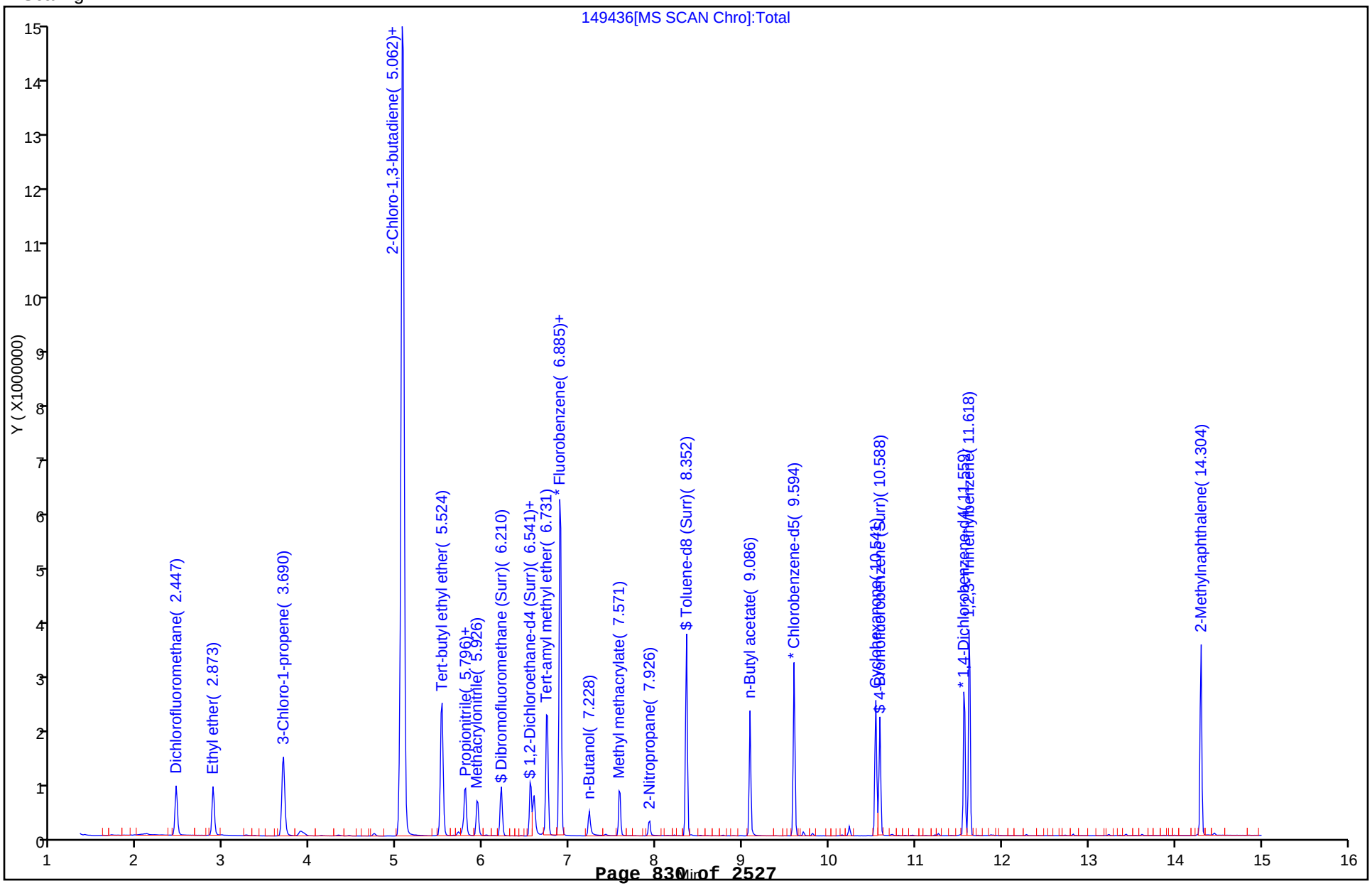
Report Date: 27-Nov-2012 09:27:57 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149436.D

Injection Date:	26-Nov-2012 12:28:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	4
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66239/10 Calibration Date: 11/26/2012 12:49

Instrument ID: A3UX14 Calib Start Date: 11/23/2012 10:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/23/2012 13:03

Lab File ID: 149437.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	0.2764	0.2400	0.1000	0.0434	0.0500	-13.2	20.0
Chloromethane	Ave	0.4959	0.4511	0.1000	0.0455	0.0500	-9.0	20.0
Vinyl chloride	Ave	0.3717	0.3543	0.1000	0.0477	0.0500	-4.7	20.0
Bromomethane	Ave	0.1059	0.1005	0.0500	0.0475	0.0500	-5.1	20.0
Chloroethane	Ave	0.1849	0.1784	0.0500	0.0482	0.0500	-3.5	20.0
Trichlorofluoromethane	Ave	0.2992	0.2913	0.1000	0.0487	0.0500	-2.6	20.0
1,1-Dichloroethene	Ave	0.2265	0.2145	0.1000	0.0473	0.0500	-5.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2112	0.2002	0.0500	0.0474	0.0500	-5.2	20.0
Acetone	Lin1		0.0779	0.0500	0.102	0.100	1.6	20.0
Iodomethane	Ave	0.3874	0.3686		0.0476	0.0500	-4.9	20.0
Carbon disulfide	Lin1		0.4611	0.1000	0.0398	0.0500	-20.3*	20.0
Methyl acetate	Ave	0.2374	0.2253	0.1000	0.0949	0.100	-5.1	20.0
Methylene Chloride	Lin1		0.2418	0.1000	0.0465	0.0500	-7.0	20.0
2-Methyl-2-propanol	Ave	0.0156	0.0141		0.903	1.00	-9.7	20.0
trans-1,2-Dichloroethene	Ave	0.2671	0.2606	0.1000	0.0488	0.0500	-2.4	20.0
Methyl tert-butyl ether	Ave	0.5793	0.5611	0.1000	0.0484	0.0500	-3.1	20.0
1,1-Dichloroethane	Ave	0.5878	0.5735	0.1000	0.0488	0.0500	-2.4	20.0
Vinyl acetate	Ave	0.0301	0.0276		0.0459	0.0500	-8.2	20.0
2,2-Dichloropropane	Ave	0.2006	0.2055		0.0512	0.0500	2.4	20.0
cis-1,2-Dichloroethene	Ave	0.2874	0.2759	0.1000	0.0480	0.0500	-4.0	20.0
2-Butanone (MEK)	Ave	0.1223	0.1144	0.0500	0.0935	0.100	-6.5	20.0
Bromochloromethane	Ave	0.1316	0.1279		0.0486	0.0500	-2.8	20.0
Chloroform	Ave	0.4567	0.4441	0.2000	0.0486	0.0500	-2.8	20.0
1,1,1-Trichloroethane	Ave	0.3442	0.3330	0.1000	0.0484	0.0500	-3.2	20.0
Cyclohexane	Ave	0.7470	0.7229	0.1000	0.0484	0.0500	-3.2	20.0
1,1-Dichloropropene	Ave	0.3682	0.3728		0.0506	0.0500	1.2	20.0
Carbon tetrachloride	Lin1		0.3093	0.1000	0.0451	0.0500	-9.9	20.0
Benzene	Ave	1.031	0.9916	0.5000	0.0481	0.0500	-3.9	20.0
1,2-Dichloroethane	Ave	0.4250	0.4039	0.1000	0.0475	0.0500	-5.0	20.0
Trichloroethene	Ave	0.2938	0.2958	0.2000	0.0503	0.0500	0.7	20.0
Methylcyclohexane	Ave	0.5164	0.5045	0.1000	0.0488	0.0500	-2.3	20.0
1,2-Dichloropropane	Ave	0.3038	0.3031	0.1000	0.0499	0.0500	-0.2	20.0
Dibromomethane	Ave	0.1204	0.1159		0.0481	0.0500	-3.7	20.0
Bromodichloromethane	Lin1		0.2512	0.1000	0.0438	0.0500	-12.3	20.0
cis-1,3-Dichloropropene	Lin1		0.3039	0.1500	0.0445	0.0500	-11.1	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3731	0.3821	0.0500	0.102	0.100	2.4	20.0
Toluene	Ave	1.728	1.691	0.4000	0.0489	0.0500	-2.2	20.0
trans-1,3-Dichloropropene	Lin1		0.3961	0.1000	0.0447	0.0500	-10.6	20.0
1,1,2-Trichloroethane	Ave	0.2601	0.2605	0.1000	0.0501	0.0500	0.2	20.0
Tetrachloroethene	Ave	0.3831	0.3750	0.2000	0.0489	0.0500	-2.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66239/10 Calibration Date: 11/26/2012 12:49

Instrument ID: A3UX14 Calib Start Date: 11/23/2012 10:11

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/23/2012 13:03

Lab File ID: 149437.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4656	0.4583		0.0492	0.0500	-1.6	20.0
2-Hexanone	Ave	0.2202	0.2274	0.0500	0.103	0.100	3.3	20.0
Dibromochloromethane	Lin1		0.2636		0.0427	0.0500	-14.7	20.0
1,2-Dibromoethane	Ave	0.2561	0.2591		0.0506	0.0500	1.1	20.0
Chlorobenzene	Ave	1.110	1.069	0.3000	0.0482	0.0500	-3.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3614	0.3592		0.0497	0.0500	-0.6	20.0
Ethylbenzene	Ave	0.5831	0.5848		0.0501	0.0500	0.3	20.0
m-Xylene & p-Xylene	Ave	0.7120	0.7071		0.0993	0.100	-0.7	20.0
o-Xylene	Ave	0.6886	0.6838		0.0497	0.0500	-0.7	20.0
Styrene	Ave	0.9852	1.017	0.3000	0.0516	0.0500	3.3	20.0
Bromoform	Qua		0.1218	0.1000	0.0450	0.0500	-10.0	20.0
Isopropylbenzene	Ave	1.778	1.854	0.1000	0.0521	0.0500	4.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5612	0.5733	0.3000	0.0511	0.0500	2.2	20.0
Bromobenzene	Ave	0.8755	0.8475		0.0484	0.0500	-3.2	20.0
1,2,3-Trichloropropane	Ave	0.1860	0.1825		0.0491	0.0500	-1.9	20.0
N-Propylbenzene	Ave	0.996	1.051		0.0528	0.0500	5.5	20.0
2-Chlorotoluene	Ave	0.9085	0.9018		0.0496	0.0500	-0.7	20.0
1,3,5-Trimethylbenzene	Ave	2.948	3.087		0.0524	0.0500	4.7	20.0
4-Chlorotoluene	Ave	0.8826	0.8760		0.0496	0.0500	-0.7	20.0
tert-Butylbenzene	Ave	2.819	2.978		0.0528	0.0500	5.6	20.0
1,2,4-Trimethylbenzene	Ave	2.913	2.983		0.0512	0.0500	2.4	20.0
sec-Butylbenzene	Ave	3.716	3.912		0.0526	0.0500	5.3	20.0
1,3-Dichlorobenzene	Ave	1.719	1.645	0.6000	0.0478	0.0500	-4.3	20.0
4-Isopropyltoluene	Ave	3.278	3.439		0.0525	0.0500	4.9	20.0
1,4-Dichlorobenzene	Ave	1.750	1.636	0.5000	0.0467	0.0500	-6.5	20.0
n-Butylbenzene	Ave	2.701	2.812		0.0520	0.0500	4.1	20.0
1,2-Dichlorobenzene	Ave	1.612	1.472	0.4000	0.0457	0.0500	-8.6	20.0
1,2-Dibromo-3-Chloropropane	Qua		0.0722	0.0500	0.0416	0.0500	-16.8	20.0
1,2,4-Trichlorobenzene	Ave	1.101	0.9037	0.2000	0.0411	0.0500	-17.9	20.0
Hexachlorobutadiene	Ave	0.5388	0.4603		0.0427	0.0500	-14.6	20.0
Naphthalene	Ave	2.089	1.611		0.0386	0.0500	-22.9*	20.0
1,2,3-Trichlorobenzene	Ave	0.8675	0.6676		0.0385	0.0500	-23.0*	20.0
Dibromofluoromethane (Surr)	Lin1		0.2277		0.0459	0.0500	-8.3	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2784		0.0452	0.0500	-9.6	20.0
Toluene-d8 (Surr)	Lin1		1.446		0.0464	0.0500	-7.2	20.0
4-Bromofluorobenzene (Surr)	Lin1		0.9024		0.0453	0.0500	-9.4	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149437.D
Lims ID: CCVIS Client ID:
Inject. Date: 26-Nov-2012 12:49:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: ccvis
Misc. Info.: 240-0015258-010 =240-0015258-010
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 66239 Lims Sample ID: 10
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121126-15258.b\8260_14.m
Last Update: 27-Nov-2012 09:27:58 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 13:07:32

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2337143	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.595	0.0	98	1401178	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.0	99	665415	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	68	532101	45.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	650607	45.2	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	2026505	46.4	
$ 131 4-Bromofluorobenzene (Surr)	95	10.589	10.589	0.0	91	600483	45.3	
12 Dichlorodifluoromethane	85	1.430	1.430	0.0	88	560999	43.4	
13 Chloromethane	50	1.607	1.607	0.0	89	1054157	45.5	
14 Vinyl chloride	62	1.737	1.737	0.0	83	827982	47.7	
15 Bromomethane	94	2.069	2.069	0.0	91	234839	47.5	
16 Chloroethane	64	2.187	2.187	0.0	94	416964	48.2	
18 Trichlorofluoromethane	101	2.507	2.507	0.0	86	680755	48.7	
20 Acrolein	56	3.027	3.027	0.0	94	759070	439.3	
21 1,1-Dichloroethene	96	3.146	3.146	0.0	82	501339	47.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	84	467788	47.4	
22 Acetone	43	3.252	3.252	0.0	98	364021	101.6	
24 Iodomethane	142	3.347	3.347	0.0	99	861412	47.6	
26 Carbon disulfide	76	3.418	3.418	0.0	98	1077662	39.8	
27 Acetonitrile	41	3.654	3.654	0.0	98	575336	443.6	
28 Methyl acetate	43	3.761	3.761	0.0	98	1053070	94.9	
30 Methylene Chloride	84	3.879	3.879	0.0	87	565183	46.5	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	90	656950	903.1	
32 Acrylonitrile	53	4.293	4.293	0.0	98	480217	95.9	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	87	609083	48.8	
34 Methyl tert-butyl ether	73	4.353	4.353	0.0	88	1311318	48.4	
35 Hexane	86	4.743	4.743	0.0	94	167715	49.8	
36 1,1-Dichloroethane	63	4.921	4.921	0.0	85	1340278	48.8	
37 Vinyl acetate	86	5.039	5.039	0.0	97	64522	45.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	79	480255	51.2	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	644708	48.0	
41 2-Butanone (MEK)	43	5.702	5.702	0.0	95	534846	93.5	
47 Chlorobromomethane	128	5.926	5.926	0.0	87	298875	48.6	
48 Tetrahydrofuran	42	5.974	5.974	0.0	91	172884	46.3	
49 Chloroform	83	6.033	6.033	0.0	84	1037801	48.6	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	91	778301	48.4	
51 Cyclohexane	56	6.258	6.258	0.0	91	1689491	48.4	
53 Carbon tetrachloride	117	6.388	6.388	0.0	67	722855	45.1	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	871166	50.6	
55 Benzene	78	6.601	6.601	0.0	96	2317603	48.1	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	89	943953	47.5	
60 Trichloroethene	130	7.240	7.240	0.0	88	691260	50.3	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	1179017	48.8	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	90	708279	49.9	
65 Dibromomethane	93	7.559	7.559	0.0	83	270957	48.1	
66 1,4-Dioxane	88	7.583	7.583	0.0	88	176481	2450.4	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	587012	43.8	
69 2-Chloroethyl vinyl ether	63	7.985	7.985	0.0	89	520602	97.1	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	83	710357	44.5	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	1070657	102.4	
72 Toluene	91	8.411	8.411	0.0	91	2368767	48.9	
73 trans-1,3-Dichloropropene	75	8.601	8.601	0.0	91	555030	44.7	
74 Ethyl methacrylate	69	8.683	8.683	0.0	92	462907	50.0	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	365059	50.1	
77 Tetrachloroethene	164	8.885	8.885	0.0	90	525371	48.9	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	642156	49.2	
78 2-Hexanone	43	8.979	8.979	0.0	99	637332	103.3	
79 Chlorodibromomethane	129	9.109	9.109	0.0	87	369300	42.7	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	362980	50.6	
82 Chlorobenzene	112	9.618	9.618	0.0	91	1497597	48.2	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	503263	49.7	
84 Ethylbenzene	106	9.713	9.713	0.0	98	819338	50.1	
10 m-Xylene & p-Xylene	106	9.808	9.808	0.0	98	1981453	99.3	
85 o-Xylene	106	10.151	10.151	0.0	95	958119	49.7	
86 Styrene	104	10.151	10.151	0.0	91	1425281	51.6	
87 Bromoform	173	10.316	10.316	0.0	95	170593	45.0	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	2597532	52.1	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	80	381501	51.1	
91 Bromobenzene	156	10.719	10.719	0.0	92	563925	48.4	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	80	121454	49.1	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.742	0.0	57	143066	48.5	
94 N-Propylbenzene	120	10.802	10.802	0.0	97	699491	52.8	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	600054	49.6	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	2054372	52.4	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	582921	49.6	
97 tert-Butylbenzene	119	11.227	11.227	0.0	81	1981345	52.8	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	1985006	51.2	
99 sec-Butylbenzene	105	11.405	11.405	0.0	96	2603030	52.6	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	85	1094292	47.8	
101 4-Isopropyltoluene	119	11.523	11.523	0.0	92	2288439	52.5	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	92	1088529	46.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.866	11.866	0.0	95	1870815	52.0	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	979762	45.7	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	73	48014	41.6	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	736255	43.8	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	601355	41.1	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	306297	42.7	
111 Naphthalene	128	13.440	13.440	0.0	97	1072167	38.6	
112 1,2,3-Trichlorobenzene	180	13.618	13.618	0.0	93	444236	38.5	
S 137 Trihalomethanes, Total	1				0		180.1	
S 11 1,2-Dichloroethene, Total	96				0		96.8	
S 9 1,3-Dichloropropene, Total	75				0		89.2	
S 114 Xylenes, Total	106				0		149.0	

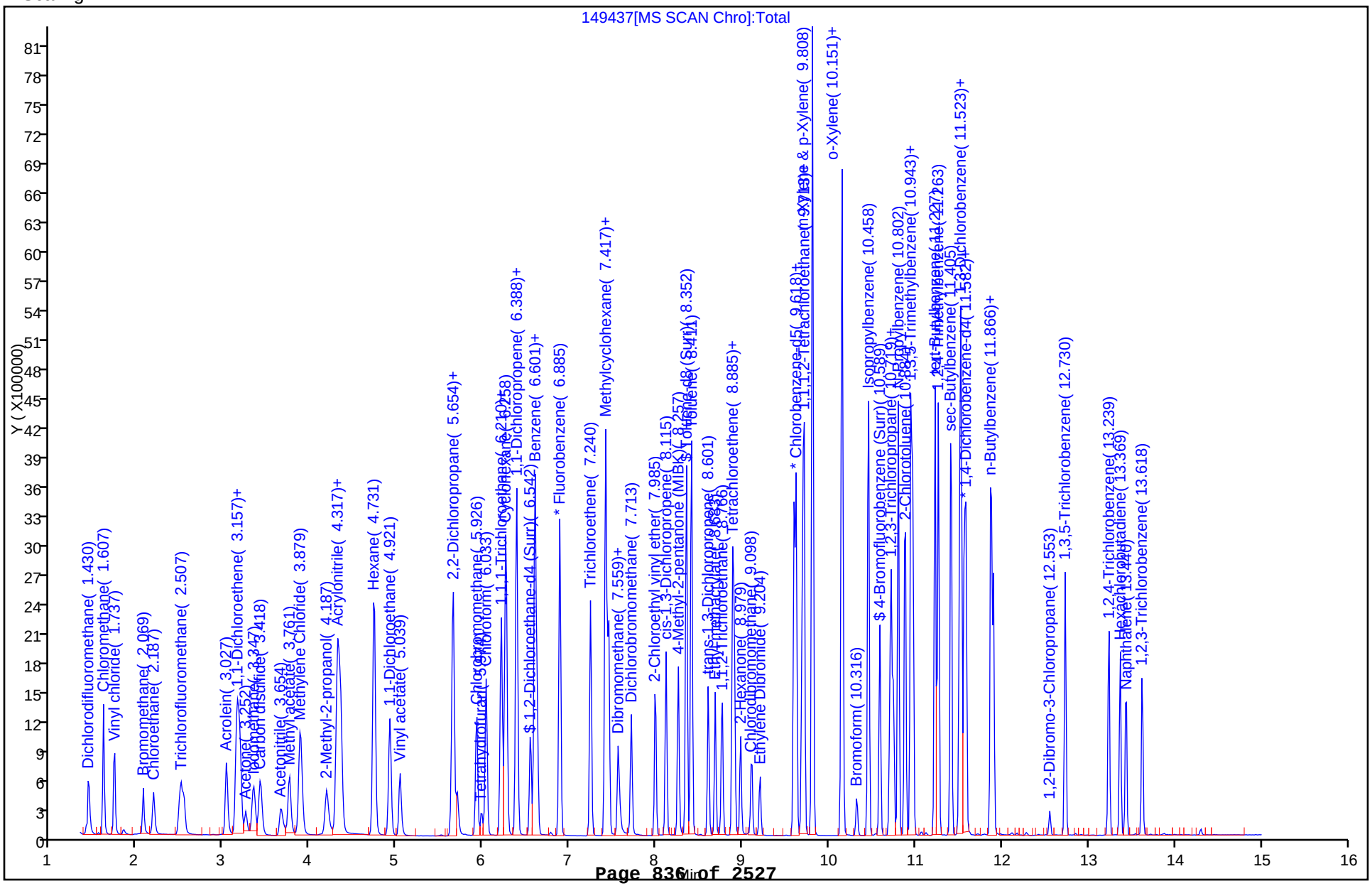
Report Date: 27-Nov-2012 09:27:59 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149437.D

Injection Date:	26-Nov-2012 12:49:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	10
Operator ID:	002808	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\20121112-14871.b\BFB5043.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	12-Nov-2012 13:44:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:			
Misc. Info.:	P21112A-IC,BFBUX10,,1904 =P21112A-IC,BFBUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	3
Lims Batch ID:	64678	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:22:52	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		
First Level Reviewer: quayler		Date:	12-Nov-2012 14:08:02

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.748	3.748	0.0	0	464045	0	

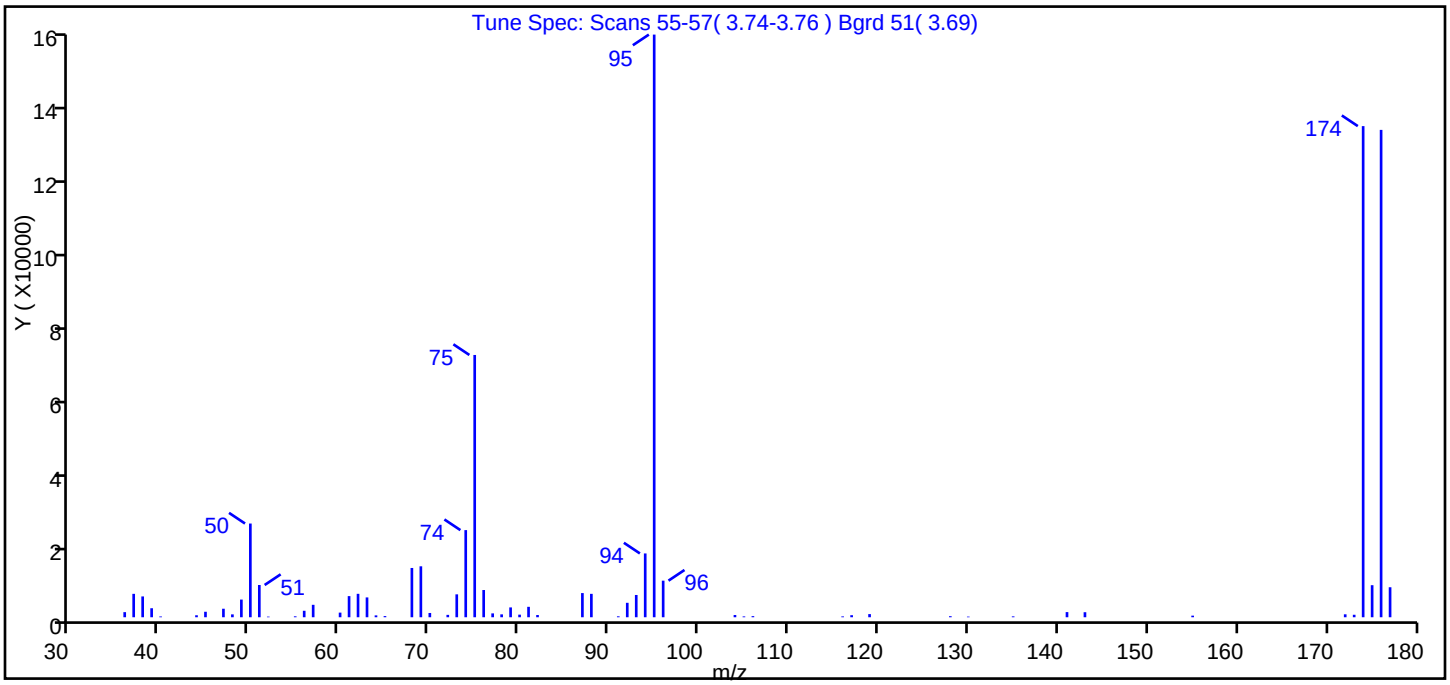
Report Date: 14-Nov-2012 12:22:52 Chrom Revision: 2.0 22-Oct-2012 16:30:48

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\BFB5043.D		
Injection Date:	12-Nov-2012 13:44:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	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	16.09
75	30.00 - 60.00% of mass 95	45.01
96	5.00 - 9.00% of mass 95	6.28
173	Less than 2.00% of mass 174	0.43 (0.51)
174	Greater than 50.00% of mass 95	84.29
175	5.00 - 9.00% of mass 174	5.50 (6.53)
176	95.00 - 101.00% of mass 174	83.64 (99.23)
177	5.00 - 9.00% of mass 176	5.15 (6.16)

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\BFB5043.D\8260_10.rslt\spectra.d
Injection Date: 12-Nov-2012 13:44:30
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: 62

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1324	60.00	1202	79.00	2549	117.00	533
37.00	6063	61.00	5473	80.00	675	119.00	816
38.00	5390	62.00	6068	81.00	2702	128.00	270
39.00	2338	63.00	5135	82.00	577	130.00	169
40.00	204	64.00	486	87.00	6259	135.00	228
44.00	517	65.00	303	88.00	6061	141.00	1335
45.00	1423	68.00	12760	91.00	241	143.00	1304
47.00	2207	69.00	13191	92.00	3739	155.00	416
48.00	748	70.00	1107	93.00	5766	172.00	764
49.00	4579	72.00	619	94.00	16520	173.00	646
50.00	24264	73.00	5931	95.00	150848	174.00	127152
51.00	8351	74.00	22560	96.00	9474	175.00	8300
52.00	167	75.00	67904	104.00	579	176.00	126176
55.00	241	76.00	7051	105.00	218	177.00	7770
56.00	1678	77.00	1003	106.00	286		
57.00	3222	78.00	752	116.00	222		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121121-15165.b\BFB5061.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	21-Nov-2012 10:04:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:			
Misc. Info.:	P21121A,BFBUX10,,1904 =P21121A,BFBUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	5
Lims Batch ID:	65929	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121121-15165.b\8260_10.m		
Last Update:	23-Nov-2012 08:56:25	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK024		
First Level Reviewer: quayler		Date:	21-Nov-2012 10:49:18

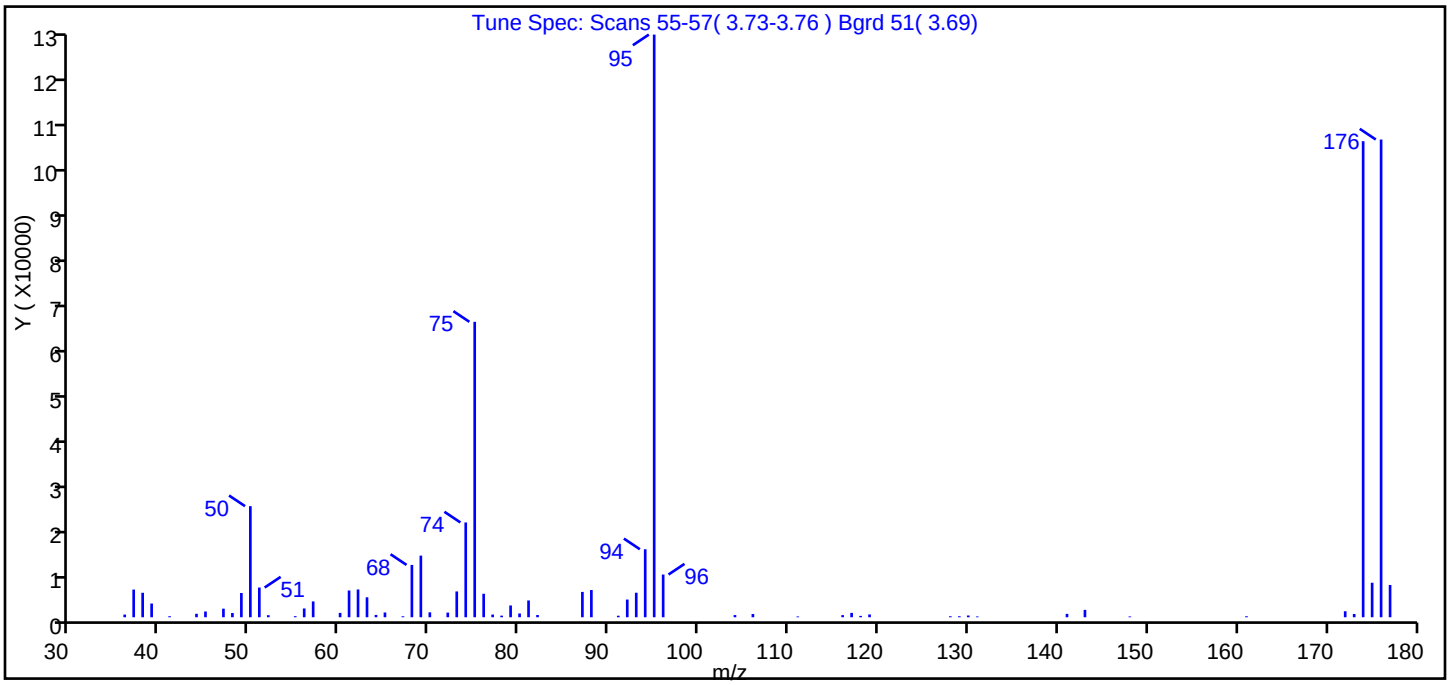
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.746	3.746	0.0	0	394901	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20121121-15165.b\BFB5061.D		
Injection Date:	21-Nov-2012 10:04:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	65929	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	19.07
75	30.00 - 60.00% of mass 95	50.70
96	5.00 - 9.00% of mass 95	7.33
173	Less than 2.00% of mass 174	0.55 (0.68)
174	Greater than 50.00% of mass 95	81.71
175	5.00 - 9.00% of mass 174	5.92 (7.25)
176	95.00 - 101.00% of mass 174	81.99 (100.35)
177	5.00 - 9.00% of mass 176	5.54 (6.76)

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\BFB5061.D\8260_10.rslt\spectra.d
Injection Date: 21-Nov-2012 10:04:30
Spectrum: Tune Spec: Scans 55-57(3.73-3.76) Bgrd 51(3.69)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 66

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	581	61.00	5757	80.00	811	119.00	602
37.00	5952	62.00	5977	81.00	3613	128.00	213
38.00	5267	63.00	4294	82.00	483	129.00	214
39.00	2952	64.00	502	87.00	5452	130.00	379
41.00	221	65.00	1025	88.00	5854	131.00	172
44.00	747	67.00	209	91.00	332	141.00	727
45.00	1239	68.00	11258	92.00	3810	143.00	1585
47.00	1850	69.00	13257	93.00	5277	148.00	173
48.00	914	70.00	1061	94.00	14626	161.00	214
49.00	5221	72.00	1001	95.00	125328	172.00	1291
50.00	23896	73.00	5551	96.00	9187	173.00	694
51.00	6392	74.00	20392	104.00	472	174.00	102400
52.00	445	75.00	63544	106.00	698	175.00	7423
55.00	231	76.00	5050	111.00	172	176.00	102760
56.00	1895	77.00	585	116.00	461	177.00	6943
57.00	3407	78.00	349	117.00	939		
60.00	942	79.00	2536	118.00	295		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\BFB14288.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	23-Nov-2012 09:29:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	240-0015202-019 =240-0015202-019		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66063	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m		
Last Update:	25-Nov-2012 10:56:52	Calib Date:	23-Nov-2012 13:03:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: macenczaks		Date:	23-Nov-2012 14:41:17

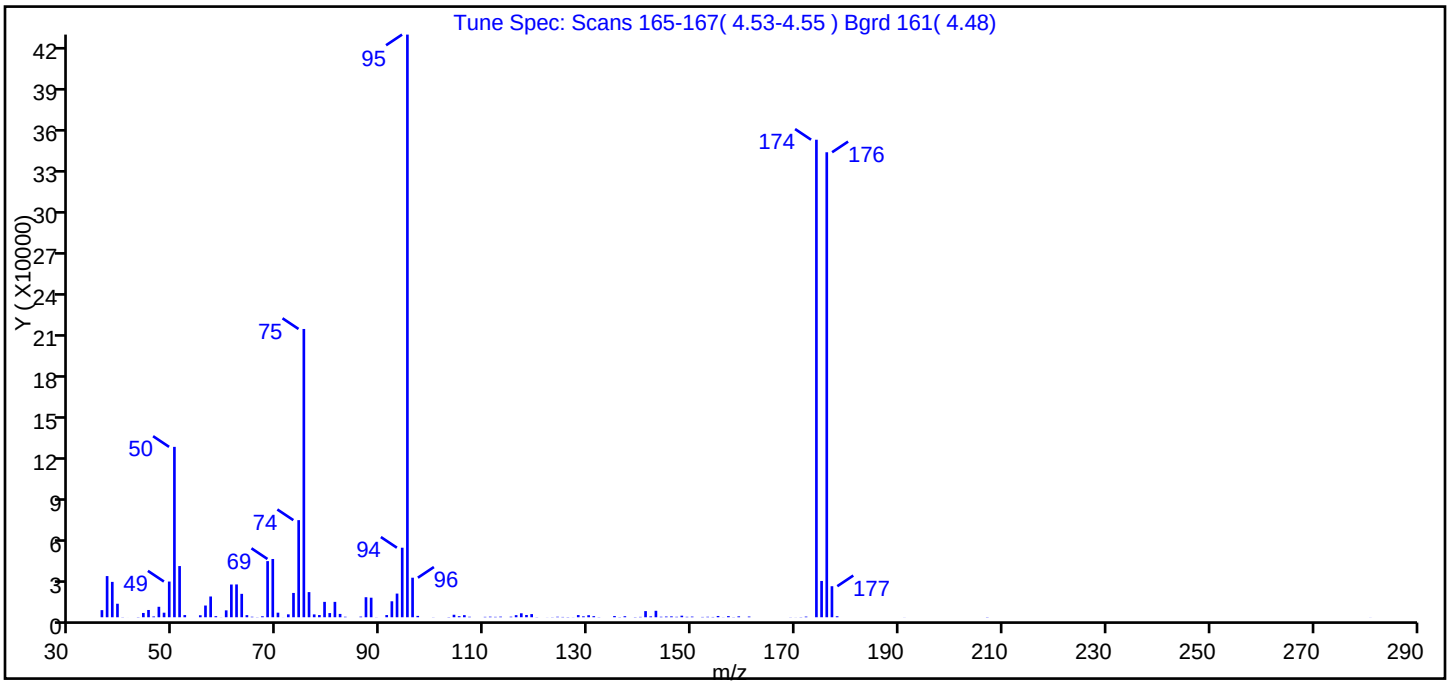
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	4.538	4.538	0.0	0	1008650	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\BFB14288.D		
Injection Date:	23-Nov-2012 09:29:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	19
Operator ID:	002808	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	29.24
75	30.00 - 60.00% of mass 95	49.48
96	5.00 - 9.00% of mass 95	6.79
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	81.96
175	5.00 - 9.00% of mass 174	6.23 (7.60)
176	95.00 - 101.00% of mass 174	79.81 (97.38)
177	5.00 - 9.00% of mass 176	5.33 (6.67)

Report Date: 25-Nov-2012 10:56:53 Chrom Revision: 2.0 15-Nov-2012 14:43:54

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\BFB14288.D\8260_14.rslt\spectra.d
Injection Date: 23-Nov-2012 09:29:30
Spectrum: Tune Spec: Scans 165-167(4.53-4.55) Bgrd 161(4.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 119

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5165	69.00	42248	106.00	1531	143.00	4688
37.00	29856	70.00	3318	107.00	367	144.00	371
38.00	25648	71.00	40	110.00	300	145.00	527
39.00	9799	72.00	2102	111.00	428	146.00	637
40.00	121	73.00	17632	112.00	301	147.00	341
41.00	16	74.00	70416	113.00	456	148.00	1135
43.00	159	75.00	209024	115.00	420	149.00	325
44.00	3114	76.00	18232	116.00	1517	150.00	477
45.00	5274	77.00	2071	117.00	2883	152.00	238
46.00	575	78.00	1598	118.00	1645	153.00	358
47.00	7594	79.00	11153	119.00	2299	154.00	217
48.00	3300	80.00	3038	120.00	121	155.00	923
49.00	25896	81.00	11155	122.00	54	156.00	79
50.00	123544	82.00	2412	123.00	126	157.00	823
51.00	37120	83.00	374	124.00	373	158.00	131
52.00	1581	86.00	480	125.00	233	159.00	657
55.00	1443	87.00	14527	126.00	170	161.00	528
56.00	8503	88.00	14184	127.00	77	169.00	100
57.00	15056	89.00	88	128.00	1582	170.00	61
58.00	790	91.00	1583	129.00	663	171.00	149
59.00	72	92.00	11581	130.00	1481	172.00	488
60.00	5009	93.00	17168	131.00	798	174.00	346240
61.00	23736	94.00	50424	132.00	130	175.00	26320
62.00	23800	95.00	422464	135.00	880	176.00	337152
63.00	16976	96.00	28672	136.00	146	177.00	22504
64.00	1530	97.00	991	137.00	753	178.00	720
65.00	374	100.00	88	139.00	174	191.00	58
66.00	117	103.00	176	140.00	278	207.00	162
67.00	698	104.00	1813	141.00	4454	281.00	59
68.00	40704	105.00	771	142.00	641		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\BFB14289.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	25-Nov-2012 07:28:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	240-0015237-001 =240-0015237-001		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66175	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m		
Last Update:	27-Nov-2012 11:11:46	Calib Date:	23-Nov-2012 13:03:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK019		
First Level Reviewer: macenczaks		Date:	25-Nov-2012 08:31:01

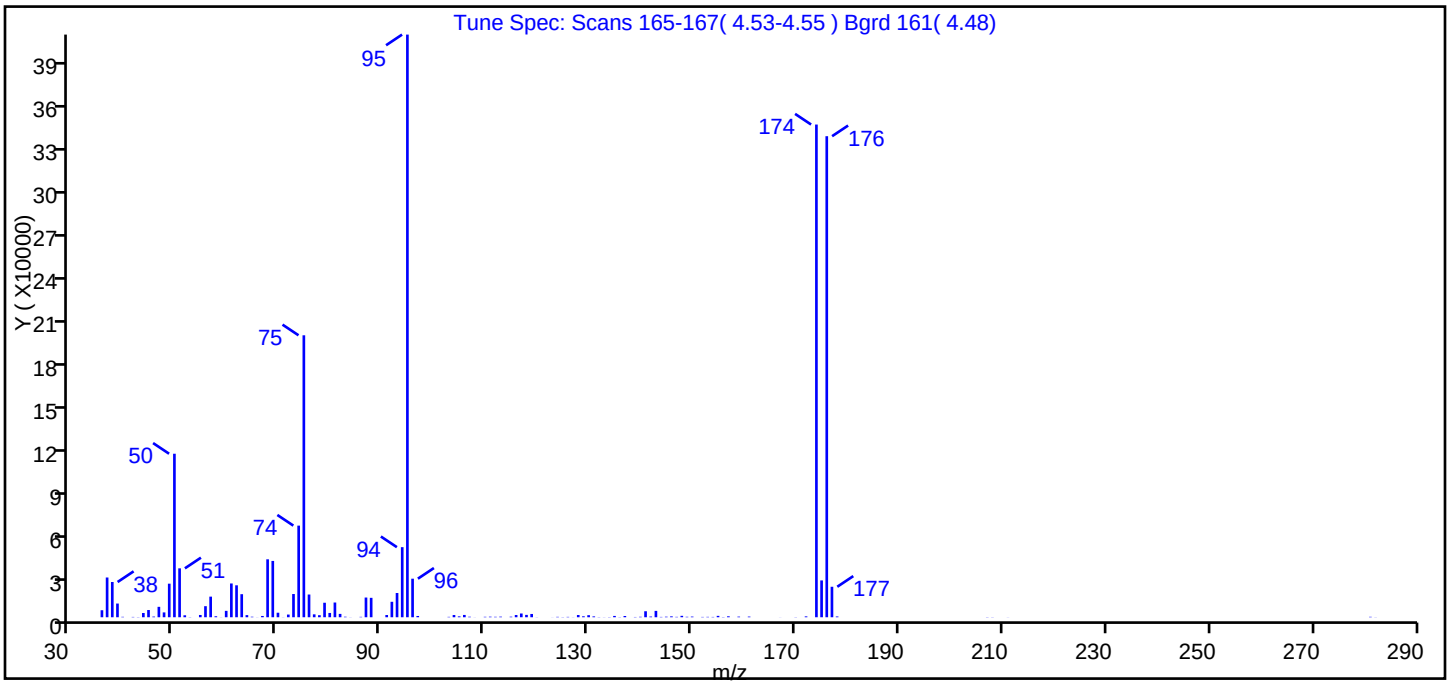
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	4.537	4.537	0.0	0	968256	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121125-15237.b\BFB14289.D		
Injection Date:	25-Nov-2012 07:28:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	1
Operator ID:	002808	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	28.06
75	30.00 - 60.00% of mass 95	48.39
96	5.00 - 9.00% of mass 95	6.62
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	84.56
175	5.00 - 9.00% of mass 174	6.32 (7.48)
176	95.00 - 101.00% of mass 174	82.56 (97.63)
177	5.00 - 9.00% of mass 176	5.23 (6.34)

Report Date: 27-Nov-2012 11:11:47 Chrom Revision: 2.0 15-Nov-2012 14:43:54

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\BFB14289.D\8260_14.rslt\spectra.d
Injection Date: 25-Nov-2012 07:28:30
Spectrum: Tune Spec: Scans 165-167(4.53-4.55) Bgrd 161(4.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 121

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4889	69.00	39232	108.00	52	144.00	244
37.00	27696	70.00	3154	110.00	318	145.00	398
38.00	24552	71.00	75	111.00	406	146.00	620
39.00	9548	72.00	1876	112.00	322	147.00	277
40.00	302	73.00	16182	113.00	430	148.00	997
42.00	234	74.00	63832	115.00	406	149.00	323
43.00	133	75.00	196416	116.00	1553	150.00	473
44.00	2962	76.00	15840	117.00	2621	152.00	239
45.00	5038	77.00	2033	118.00	1648	153.00	282
46.00	476	78.00	1430	119.00	2290	154.00	229
47.00	7263	79.00	10108	120.00	74	155.00	971
48.00	3378	80.00	2995	123.00	51	156.00	153
49.00	23392	81.00	10268	124.00	288	157.00	658
50.00	113912	82.00	2340	125.00	123	159.00	450
51.00	34080	83.00	372	126.00	265	161.00	478
52.00	1371	84.00	67	127.00	70	167.00	50
53.00	127	86.00	287	128.00	1555	170.00	115
55.00	1583	87.00	13734	129.00	663	172.00	612
56.00	7713	88.00	13533	130.00	1441	174.00	343232
57.00	14366	91.00	1553	131.00	597	175.00	25664
58.00	695	92.00	10772	132.00	127	176.00	335104
59.00	70	93.00	16896	133.00	76	177.00	21240
60.00	4459	94.00	48824	134.00	140	178.00	550
61.00	23536	95.00	405888	135.00	920	207.00	126
62.00	22256	96.00	26864	136.00	118	208.00	105
63.00	16074	97.00	887	137.00	872	211.00	60
64.00	1482	103.00	281	139.00	198	281.00	310
65.00	371	104.00	1554	140.00	330	282.00	79
66.00	62	105.00	608	141.00	4182		
67.00	894	106.00	1610	142.00	495		
68.00	40368	107.00	374	143.00	4436		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121126-15258.b\BFB14290.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	26-Nov-2012 11:23:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	240-0015258-001 =240-0015258-001		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66239	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121126-15258.b\8260_14.m		
Last Update:	27-Nov-2012 09:27:56	Calib Date:	23-Nov-2012 13:03:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK019		
First Level Reviewer: macenczaks		Date:	26-Nov-2012 12:24:05

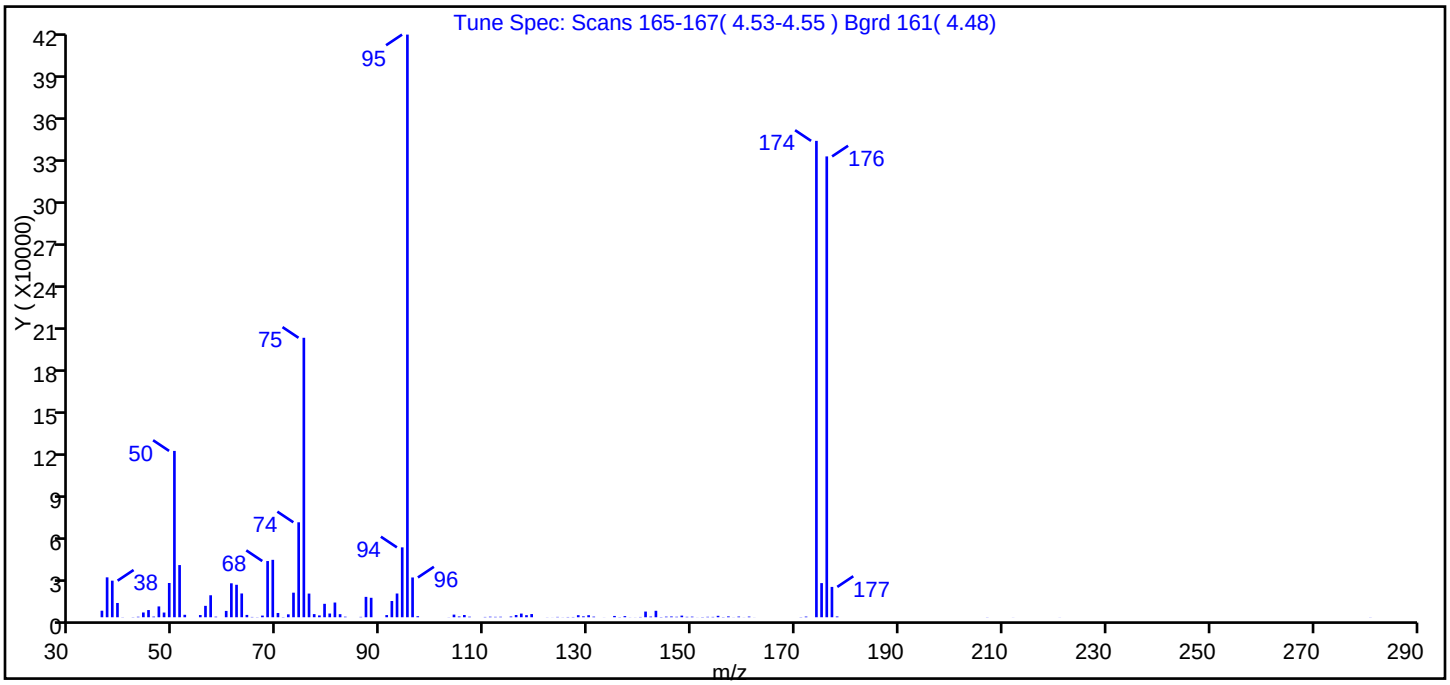
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	4.538	4.538	0.0	0	960916	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121126-15258.b\BFB14290.D		
Injection Date:	26-Nov-2012 11:23:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	1
Operator ID:	002808	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	28.55
75	30.00 - 60.00% of mass 95	47.96
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	81.76
175	5.00 - 9.00% of mass 174	5.86 (7.17)
176	95.00 - 101.00% of mass 174	79.09 (96.74)
177	5.00 - 9.00% of mass 176	5.21 (6.59)

Report Date: 27-Nov-2012 09:27:56 Chrom Revision: 2.0 15-Nov-2012 14:43:54

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\BFB14290.D\8260_14.rslt\spectra.d
Injection Date: 26-Nov-2012 11:23:30
Spectrum: Tune Spec: Scans 165-167(4.53-4.55) Bgrd 161(4.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 118

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4611	70.00	3010	111.00	392	146.00	550
37.00	28096	71.00	164	112.00	295	147.00	351
38.00	25760	72.00	2043	113.00	357	148.00	1155
39.00	10049	73.00	17304	115.00	532	149.00	308
40.00	107	74.00	66848	116.00	1568	150.00	429
42.00	129	75.00	196736	117.00	2593	151.00	53
43.00	355	76.00	16672	118.00	1473	152.00	172
44.00	3366	77.00	2217	119.00	2262	153.00	318
45.00	5067	78.00	1291	122.00	73	154.00	257
46.00	459	79.00	9459	123.00	52	155.00	1018
47.00	7632	80.00	2624	124.00	256	156.00	156
48.00	3311	81.00	10360	125.00	72	157.00	602
49.00	24120	82.00	2164	126.00	200	158.00	68
50.00	117104	83.00	402	127.00	199	159.00	502
51.00	36736	86.00	272	128.00	1459	160.00	62
52.00	1731	87.00	14350	129.00	627	161.00	479
55.00	1553	88.00	13708	130.00	1444	162.00	50
56.00	8033	91.00	1526	131.00	449	171.00	144
57.00	15481	92.00	11442	133.00	53	172.00	482
58.00	412	93.00	16720	135.00	913	174.00	335360
60.00	4470	94.00	49200	136.00	131	175.00	24040
61.00	23904	95.00	410176	137.00	804	176.00	324416
62.00	22864	96.00	28008	138.00	69	177.00	21368
63.00	16744	97.00	715	139.00	65	178.00	551
64.00	1649	103.00	80	140.00	214	207.00	90
65.00	223	104.00	1859	141.00	4014	212.00	51
66.00	118	105.00	543	142.00	491	221.00	53
67.00	1168	106.00	1589	143.00	4555	281.00	79
68.00	39568	107.00	402	144.00	180		
69.00	40424	110.00	227	145.00	435		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65921/1-A

Matrix: Solid | Lab File ID: 149412.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5.00(g) | Date Analyzed: 11/25/2012 11:47

Soil Aliquot Vol: 100 (uL) | Dilution Factor: 1

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	21	U	250	21	21
79-34-5	1,1,2,2-Tetrachloroethane	25	U	250	25	8.9
79-00-5	1,1,2-Trichloroethane	25	U	250	25	12
75-34-3	1,1-Dichloroethane	25	U	250	25	17
75-35-4	1,1-Dichloroethene	25	U	250	25	18
107-06-2	1,2-Dichloroethane	25	U	250	25	10
540-59-0	1,2-Dichloroethene, Total	8.2	U	500	8.2	8.2
78-87-5	1,2-Dichloropropane	10	U	250	10	8.2
78-93-3	2-Butanone (MEK)	100	U	1000	100	43
591-78-6	2-Hexanone	50	U	1000	50	20
108-10-1	4-Methyl-2-pentanone (MIBK)	100	U	1000	100	48
67-64-1	Acetone	200	U	1000	200	170
71-43-2	Benzene	25	U	250	25	12
75-25-2	Bromoform	25	U	250	25	19
74-83-9	Bromomethane	50	U	250	50	29
75-15-0	Carbon disulfide	25	U	250	25	12
56-23-5	Carbon tetrachloride	10	U	250	10	6.4
108-90-7	Chlorobenzene	10	U	250	10	6.4
75-27-4	Bromodichloromethane	25	U	250	25	9.9
74-87-3	Chloromethane	25	U	250	25	14
10061-01-5	cis-1,3-Dichloropropene	10	U	250	10	7.9
124-48-1	Dibromochloromethane	25	U	250	25	12
100-41-4	Ethylbenzene	10	U	250	10	5.4
1634-04-4	Methyl tert-butyl ether	10	U	250	10	7.1
75-09-2	Methylene Chloride	100	U	250	100	77
100-42-5	Styrene	10	U	250	10	5.6
127-18-4	Tetrachloroethene	19.0	J	250	25	12
108-88-3	Toluene	25	U	250	25	17
67-66-3	Chloroform	25	U	250	25	8.8
74-97-5	Bromochloromethane	25	U	250	25	13
106-93-4	1,2-Dibromoethane	25	U	250	25	10
10061-02-6	trans-1,3-Dichloropropene	25	U	250	25	20
79-01-6	Trichloroethene	10.9	J	250	25	9.7
75-01-4	Vinyl chloride	25	U	250	25	18
75-00-3	Chloroethane	100	U	250	100	61
1330-20-7	Xylenes, Total	12.2	J	500	30	8.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-65921/1-A

Matrix: Solid Lab File ID: 149412.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5.00(g) Date Analyzed: 11/25/2012 11:47

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		61-130
2037-26-5	Toluene-d8 (Surr)	86		85-115
460-00-4	4-Bromofluorobenzene (Surr)	82	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	77		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149412.D
Lims ID: MB 240-65921/1-A Client ID:
Inject. Date: 25-Nov-2012 11:47:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: mb 240-65921/1-a
Misc. Info.: 240-0015237-013 =240-0015237-013
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 12
Lims Batch ID: 66175 Lims Sample ID: 13
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:14:02

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.884	6.885	-0.001	99	2258438	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	92	1304250	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.558	11.559	-0.001	97	641361	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	59	434946	38.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	91	617561	44.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1743268	42.8	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	525514	41.0	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
133 Benzyl chloride	126		0.000					
138 Butyl Methacrylate TIC	1		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.430					9
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101		2.506					
19 Ethyl ether	59		2.873					
25 Methylal	45		2.932					
20 Acrolein	56		3.027					
21 1,1-Dichloroethene	96		3.145					9
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		3.181					9
22 Acetone	43		3.252					
24 Iodomethane	142		3.347					
26 Carbon disulfide	76		3.418					
27 Acetonitrile	41		3.666					
29 3-Chloro-1-propene	76		3.690					
28 Methyl acetate	43	3.761	3.761	0.0	83	2945	0.2746	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84		3.879					
31 2-Methyl-2-propanol	59		4.187					
32 Acrylonitrile	53		4.293					
33 trans-1,2-Dichloroethene	96		4.317					9
34 Methyl tert-butyl ether	73		4.352					
35 Hexane	86	4.731	4.743	-0.012	84	1300	0.3994	
36 1,1-Dichloroethane	63		4.920					
37 Vinyl acetate	86		5.039					
39 2-Chloro-1,3-butadiene	53		5.039					
38 Isopropyl ether	87		5.062					
40 Tert-butyl ethyl ether	59		5.524					9
61 Ethyl acrylate	55		5.605					
43 2,2-Dichloropropane	77		5.642					9
42 cis-1,2-Dichloroethene	96		5.654					9
41 2-Butanone (MEK)	43		5.701					
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.784					9
47 Chlorobromomethane	128		5.926					
46 Methacrylonitrile	41		5.926					
48 Tetrahydrofuran	42		5.973					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
51 Cyclohexane	56		6.257					
52 1,1-Dichloropropene	75		6.388					
53 Carbon tetrachloride	117		6.388					
54 Isobutyl alcohol	41		6.589					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
57 Tert-amyl methyl ether	73		6.731					9
58 n-Heptane	100		6.897					
59 n-Butanol	56	7.228	7.228	0.0	89	6680	13.7	
60 Trichloroethene	130	7.239	7.240	-0.001	73	2891	0.2179	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83		7.417					9
62 1,2-Dichloropropane	63		7.453					
65 Dibromomethane	93		7.559					
64 Methyl methacrylate	41		7.571					9
66 1,4-Dioxane	88		7.583					
67 Dichlorobromomethane	83		7.713					
68 2-Nitropropane	41		7.914					
69 2-Chloroethyl vinyl ether	63		7.985					
70 cis-1,3-Dichloropropene	75		8.115					
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	91	13076	0.2901	
73 trans-1,3-Dichloropropene	75		8.600					
74 Ethyl methacrylate	69		8.683					9
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164	8.884	8.884	0.0	84	3793	0.3795	
76 1,3-Dichloropropane	76		8.908					9
78 2-Hexanone	43		8.979					
132 n-Butyl acetate	43	9.085	9.086	-0.001	0	9077	0	
79 Chlorodibromomethane	129		9.109					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107		9.204					
81 1-Chlorohexane	91		9.594					9
82 Chlorobenzene	112		9.618					9
83 1,1,1,2-Tetrachloroethane	131		9.689					
84 Ethylbenzene	106	9.713	9.713	0.0	40	1448	0.0952	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	91	4517	0.2432	
85 o-Xylene	106	10.150	10.150	0.0	68	1827	0.1017	
86 Styrene	104		10.150					9
87 Bromoform	173		10.316					
88 Isopropylbenzene	105		10.458					9
89 Cyclohexanone	55	10.541	10.541	0.0	10	966	0.5158	
90 1,1,2,2-Tetrachloroethane	83		10.707					
91 Bromobenzene	156		10.718					9
92 1,2,3-Trichloropropane	110		10.742					
93 trans-1,4-Dichloro-2-butene	53		10.742					9
94 N-Propylbenzene	120		10.801					9
95 2-Chlorotoluene	126		10.884					9
96 1,3,5-Trimethylbenzene	105		10.943					9
104 4-Chlorotoluene	126		10.967					9
97 tert-Butylbenzene	119		11.227					9
98 1,2,4-Trimethylbenzene	105		11.263					9
99 sec-Butylbenzene	105		11.405					9
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	1	2048	0.0929	7
101 4-Isopropyltoluene	119		11.523					
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	34	2851	0.1270	
103 1,2,3-Trimethylbenzene	105		11.618					
105 n-Butylbenzene	91		11.878					9
106 1,2-Dichlorobenzene	146		11.902					9
107 1,2-Dibromo-3-Chloropropane	157		12.553					
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	47	2109	0.1494	
110 Hexachlorobutadiene	225		13.369					
111 Naphthalene	128	13.440	13.440	0.0	75	5930	0.2213	
112 1,2,3-Trichlorobenzene	180	13.617	13.618	-0.001	43	2140	0.1923	
113 2-Methylnaphthalene	142		14.304					9
A 140 C6-C10	1	7.589	3.915 - 11.263		0	1922155	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	2112682	0	
S 137 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				0		0.3449	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

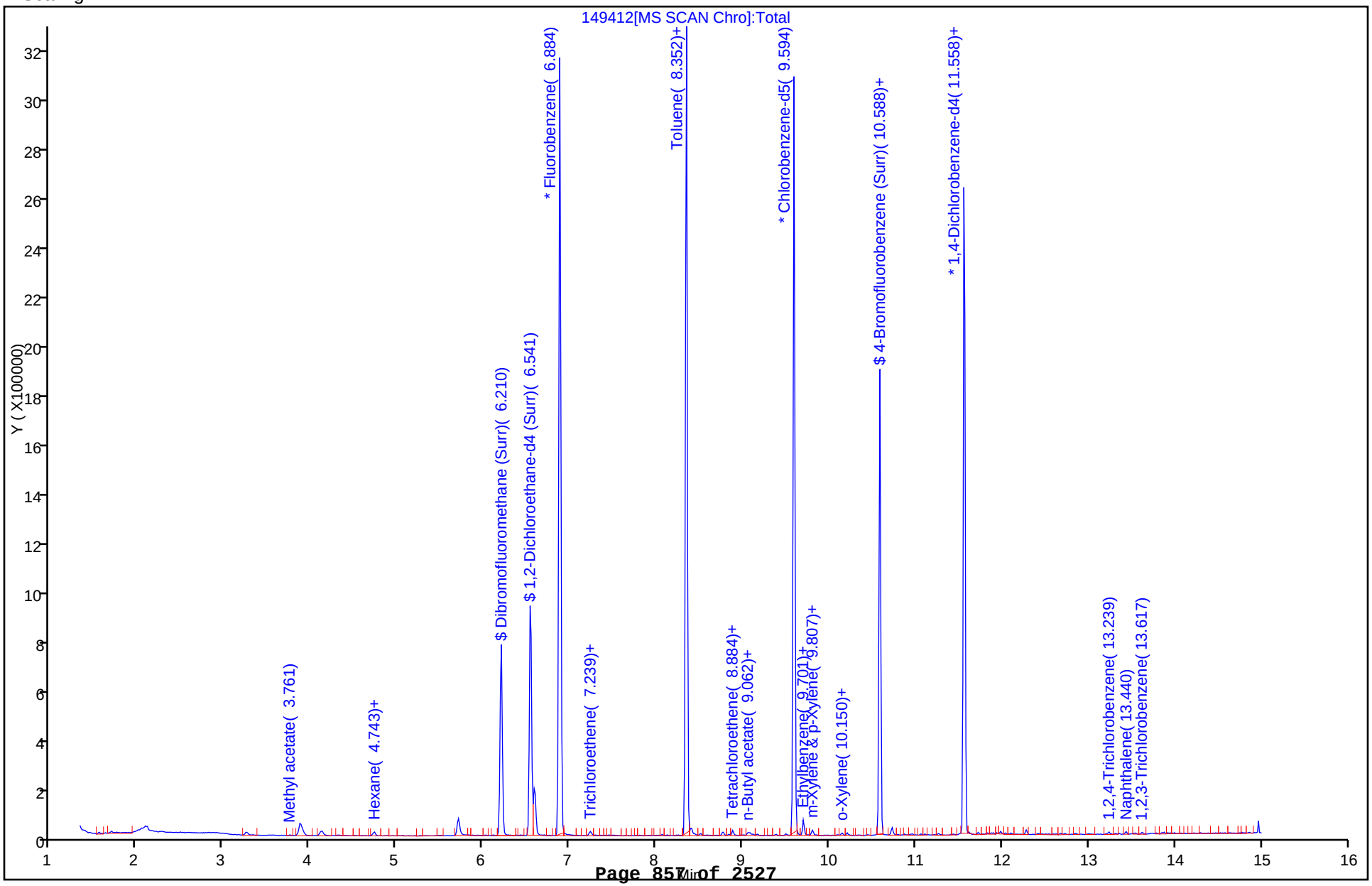
Report Date: 27-Nov-2012 11:11:58 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149412.D

Injection Date:	25-Nov-2012 11:47:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	13
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



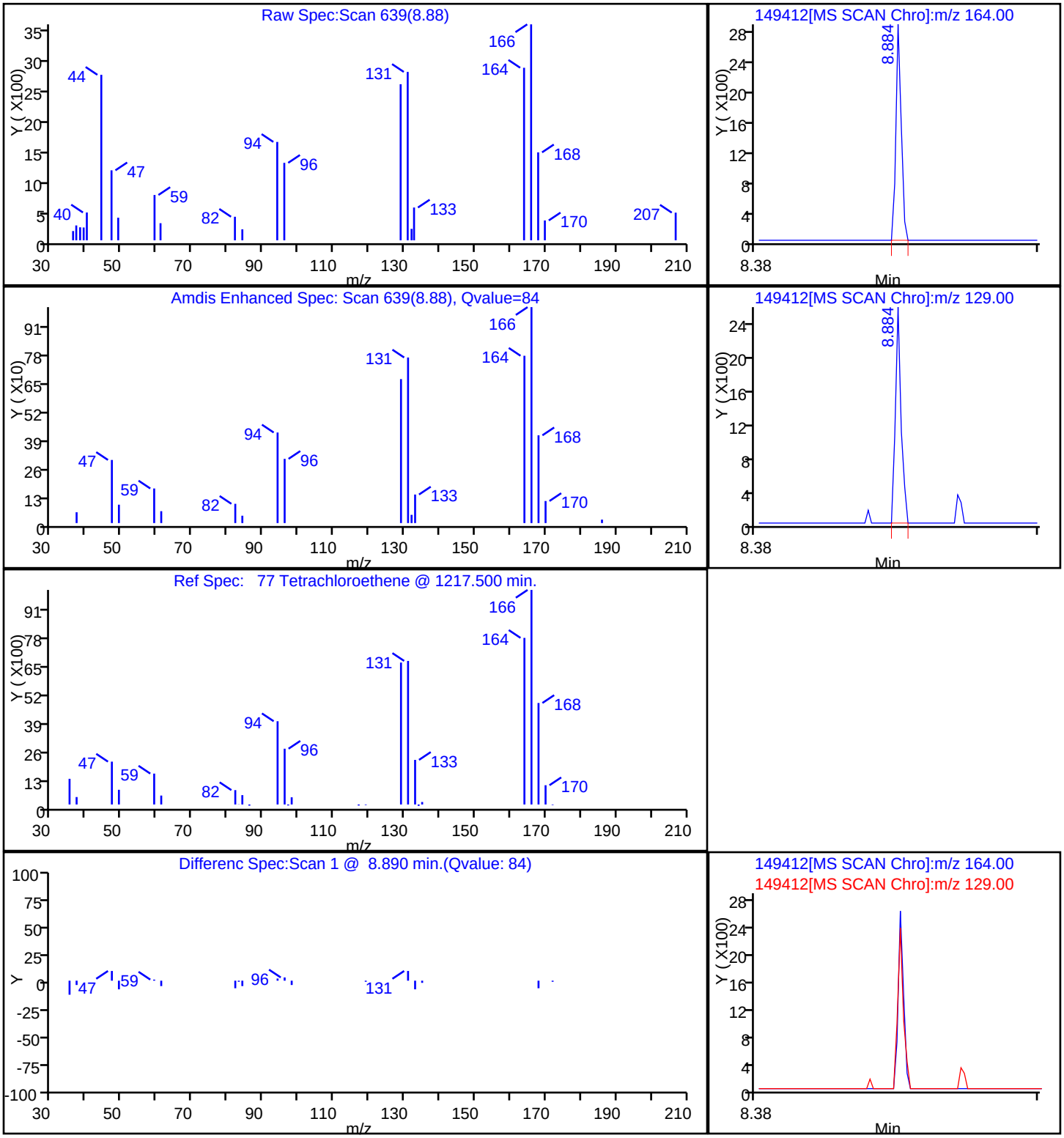
Report Date: 27-Nov-2012 11:11:59 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149412.D

Injection Date:	25-Nov-2012 11:47:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	13
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

77 Tetrachloroethene



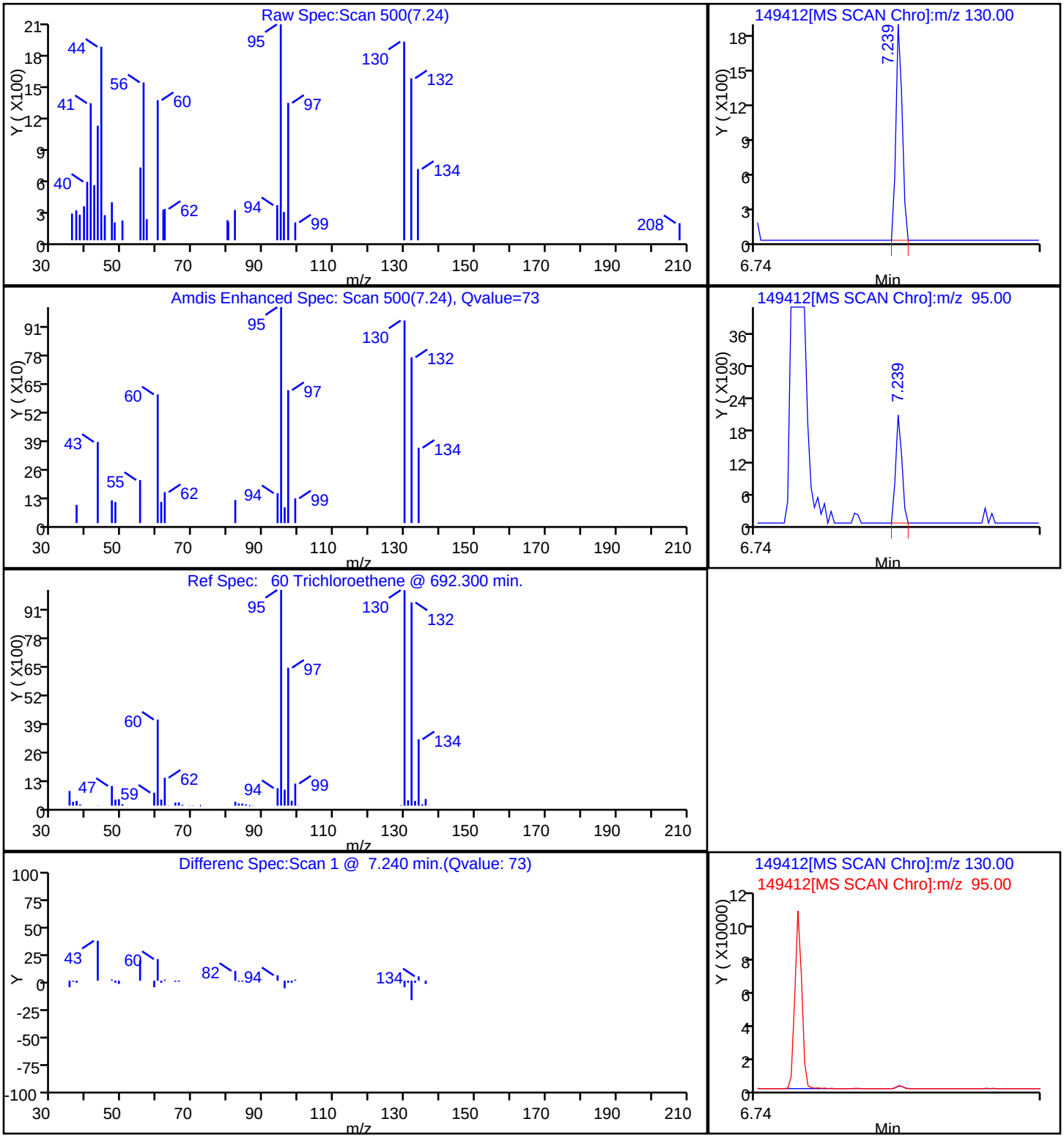
Report Date: 27-Nov-2012 11:11:59 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149412.D

Injection Date:	25-Nov-2012 11:47:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	13
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

60 Trichloroethene



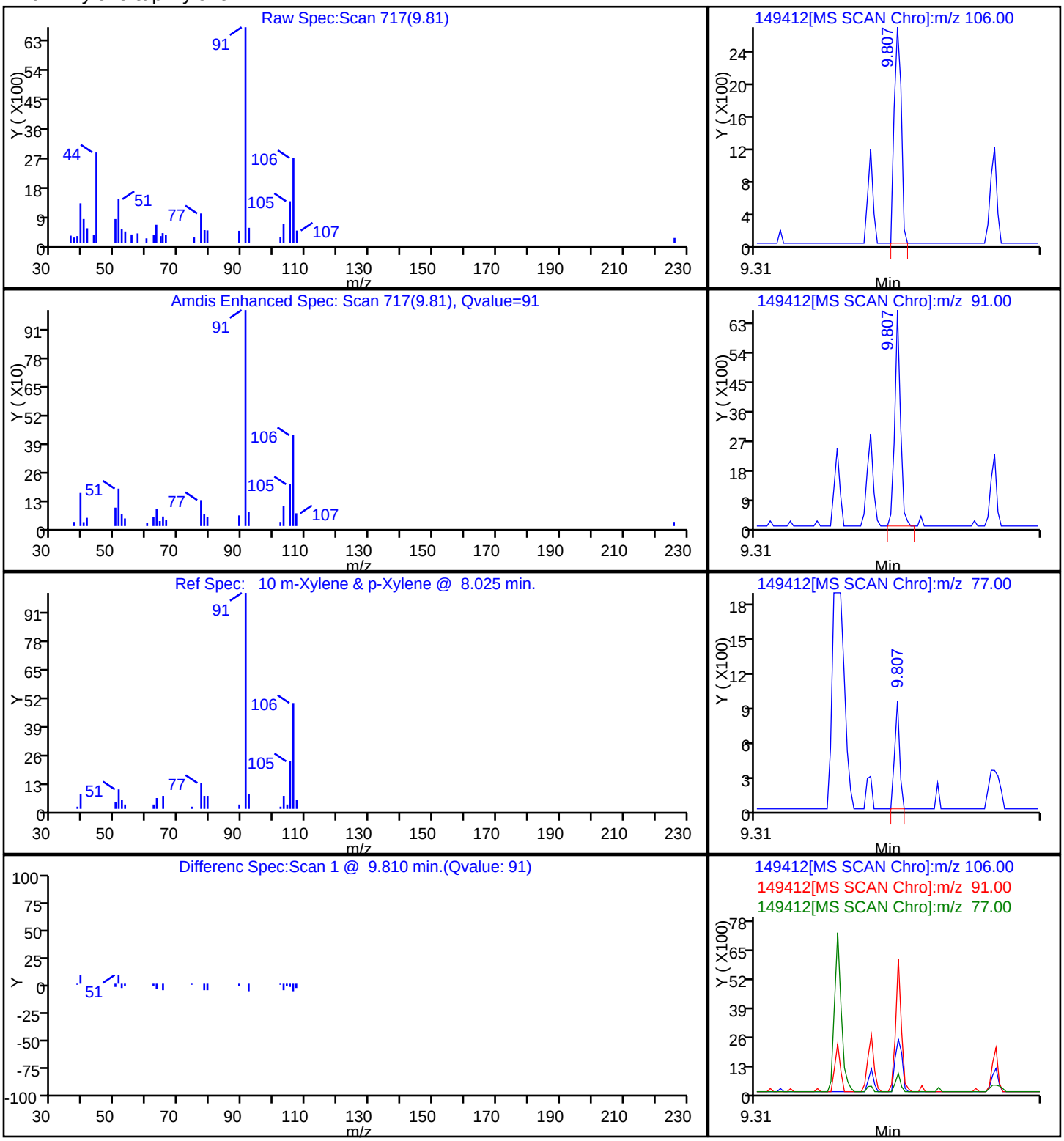
Report Date: 27-Nov-2012 11:11:59 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149412.D

Injection Date:	25-Nov-2012 11:47:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	13
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

10 m-Xylene & p-Xylene



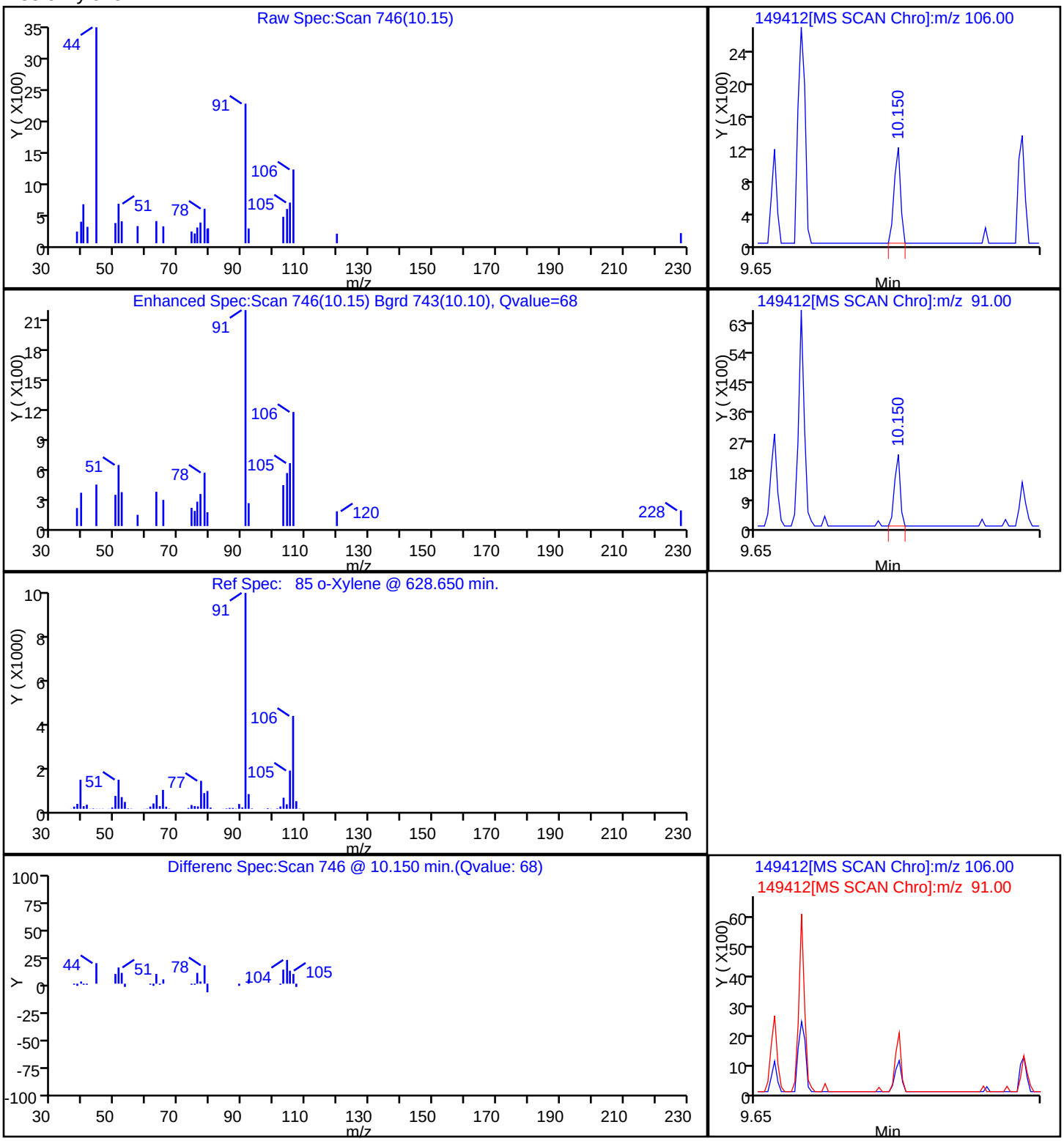
Report Date: 27-Nov-2012 11:11:59 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149412.D

Injection Date:	25-Nov-2012 11:47:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	13
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65929/6

Matrix: Water | Lab File ID: UXX1132.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2012 11:58

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.: 65929 | 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
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
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
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	1.66		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
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
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.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-65929/6

Matrix: Water Lab File ID: UXX1132.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2012 11:58

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.: 65929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-120
2037-26-5	Toluene-d8 (Surr)	102		85-120
460-00-4	4-Bromofluorobenzene (Surr)	81		75-120
1868-53-7	Dibromofluoromethane (Surr)	101		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1132.D
Lims ID: MB Client ID:
Inject. Date: 21-Nov-2012 11:58:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015165-006
Misc. Info.: P21121A,8260LLUX10,,1904 =P21121A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 65929 Lims Sample ID: 6
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121121-15165.b\8260_10.m
Last Update: 23-Nov-2012 08:56:27 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: quayler Date: 21-Nov-2012 12:32:09

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	1882635	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.881	-0.003	86	1166712	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.129	-0.003	95	518952	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.626	0.010	58	522909	10.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.922	-0.002	0	654280	10.8	
$ 7 Toluene-d8 (Surr)	98	6.564	6.567	-0.003	93	1876142	10.2	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	88	494211	8.14	
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
12 Dichlorodifluoromethane	85		1.562					
13 Chloromethane	50		1.704					
14 Vinyl chloride	62		1.798					
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94		2.094					
17 Chloroethane	64		2.177					
18 Dichlorofluoromethane	67		2.331					
19 Trichlorofluoromethane	101		2.402					
20 Ethyl ether	59	2.600	2.603	-0.003	63	5511	0.1160	
21 Acrolein	56		2.710					9
23 1,1-Dichloroethene	96		2.804					
24 Acetone	43		2.828					
25 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.840					
22 Methylal	45		2.851					9
26 Iodomethane	142		2.934					
27 Carbon disulfide	76		3.005					
28 Acetonitrile	41		3.053					
30 Methyl acetate	43		3.100					9
29 3-Chloro-1-propene	76		3.100					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
31 Methylene Chloride	84	3.192	3.195	-0.003	88	107739	1.66	
32 2-Methyl-2-propanol	59	3.251	3.266	-0.015	59	7478	1.96	
33 Acrylonitrile	53		3.384					
34 trans-1,2-Dichloroethene	96		3.431					
35 Methyl tert-butyl ether	73		3.431					
36 Hexane	86		3.668					
37 1,1-Dichloroethane	63		3.775					
38 Vinyl acetate	86		3.798					
39 Isopropyl ether	87		3.822					
40 2-Chloro-1,3-butadiene	53		3.846					
41 Tert-butyl ethyl ether	59		4.118					
42 2-Butanone (MEK)	43		4.236					
43 cis-1,2-Dichloroethene	96		4.248					
44 2,2-Dichloropropane	77		4.260					
45 Propionitrile	54		4.283					
46 Ethyl acetate	43		4.283					9
47 Methacrylonitrile	41		4.414					9
48 Chlorobromomethane	128		4.437					
50 Chloroform	83		4.496					9
49 Tetrahydrofuran	42		4.496					19
51 1,1,1-Trichloroethane	97		4.674					
52 Cyclohexane	56		4.745					
53 1,1-Dichloropropene	75		4.816					
54 Carbon tetrachloride	117		4.828					
55 Isobutyl alcohol	41		4.851					9
56 1,2-Dichloroethane	62		4.981					
57 Benzene	78		4.981					9
58 Tert-amyl methyl ether	73		5.064					
59 n-Heptane	100		5.195					
60 n-Butanol	56		5.408					
61 Trichloroethene	130		5.526					
62 Ethyl acrylate	55		5.605					9
63 Methylcyclohexane	83		5.703					9
64 1,2-Dichloropropane	63		5.703					
65 Methyl methacrylate	41		5.774					
66 Dibromomethane	93		5.798					
67 1,4-Dioxane	88	5.807	5.810	-0.003	17	1648	14.5	
68 Dichlorobromomethane	83		5.928					
69 2-Nitropropane	41		6.118					
70 2-Chloroethyl vinyl ether	63		6.177					
71 cis-1,3-Dichloropropene	75		6.319					
72 4-Methyl-2-pentanone (MIBK)	43		6.437					9
73 Toluene	91		6.626					9
74 trans-1,3-Dichloropropene	75		6.804					
75 Ethyl methacrylate	69		6.875					
76 1,1,2-Trichloroethane	97		6.969					
77 1,3-Dichloropropane	76		7.123					
78 Tetrachloroethene	164	7.132	7.135	-0.003	56	4164	0.1049	
79 2-Hexanone	43		7.182					9
80 n-Butyl acetate	56		7.301					
81 Chlorodibromomethane	129		7.336					
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		7.904					9
86 1,1,1,2-Tetrachloroethane	131		7.975					
87 Ethylbenzene	106		8.011					9
88 m-Xylene & p-Xylene	106		8.117					9
89 o-Xylene	106		8.496					9
90 Styrene	104		8.508					9
91 Bromoform	173		8.685					
92 Isopropylbenzene	105		8.851					9
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55	8.931	8.934	-0.003	70	28216	4.92	
95 1,1,2,2-Tetrachloroethane	83		9.111					9
96 Bromobenzene	156		9.147					
97 1,2,3-Trichloropropane	110		9.158					
98 trans-1,4-Dichloro-2-butene	53		9.170					
99 N-Propylbenzene	120		9.241					9
100 2-Chlorotoluene	126		9.336					9
101 1,3,5-Trimethylbenzene	105		9.419					9
102 4-Chlorotoluene	126		9.431					
103 tert-Butylbenzene	119		9.738					9
104 1,2,4-Trimethylbenzene	105		9.786					9
105 sec-Butylbenzene	105		9.951					9
106 1,3-Dichlorobenzene	146		10.070					9
107 4-Isopropyltoluene	119		10.093					9
108 1,4-Dichlorobenzene	146		10.152					9
109 1,2,3-Trimethylbenzene	105		10.200					9
110 n-Butylbenzene	91		10.496					9
111 1,2-Dichlorobenzene	146		10.519					9
112 1,2-Dibromo-3-Chloropropane	157		11.288					
113 1,3,5-Trichlorobenzene	180		11.513					9
114 1,2,4-Trichlorobenzene	180		12.128					9
115 Hexachlorobutadiene	225		12.306					
116 Naphthalene	128	12.374	12.377	-0.003	80	27809	0.2073	
117 1,2,3-Trichlorobenzene	180	12.623	12.625	-0.002	42	12764	0.2685	
118 2-Methylnaphthalene	142	13.676	13.679	-0.003	65	13835	0.1934	
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

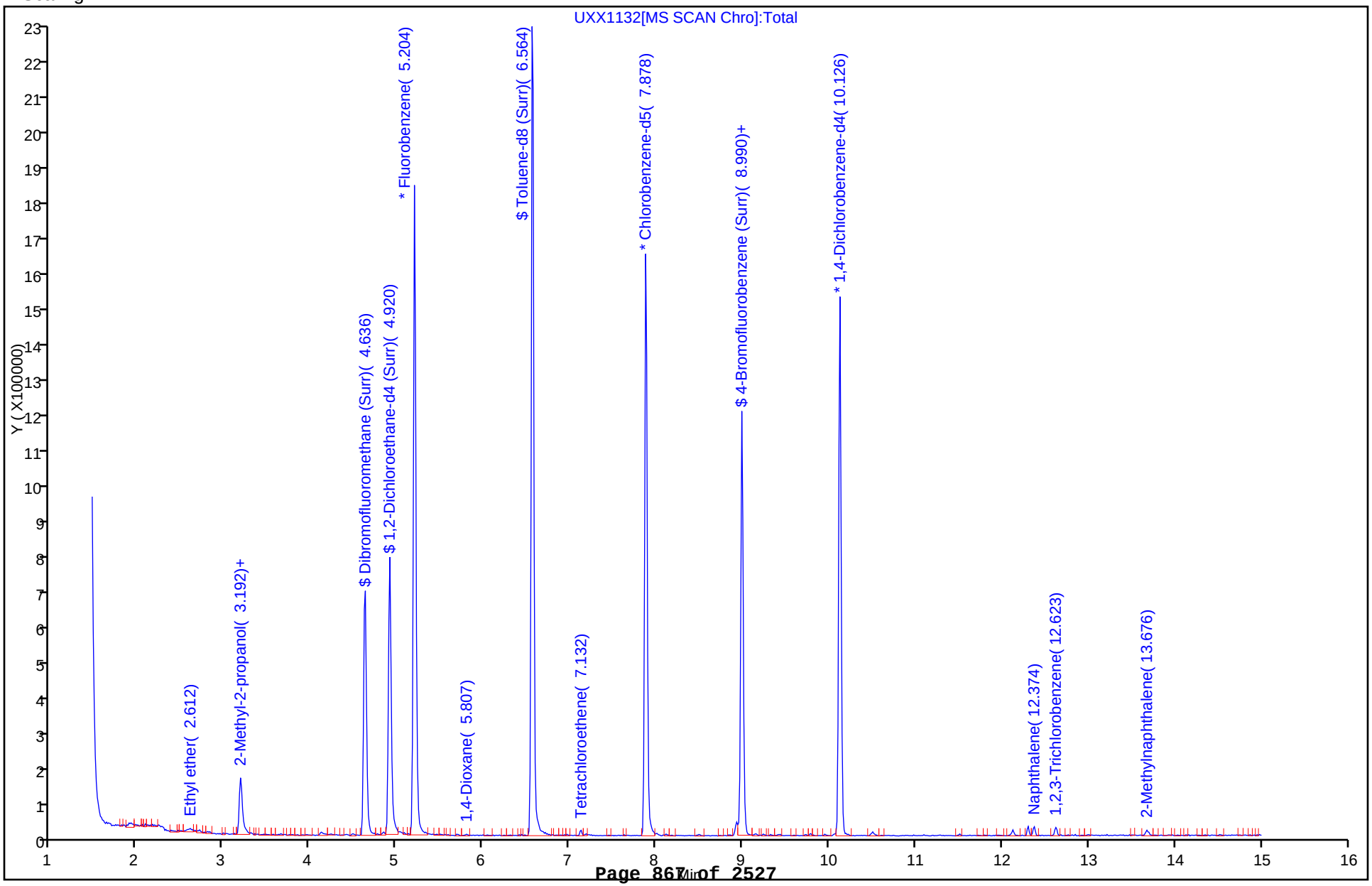
Report Date: 23-Nov-2012 08:56:54 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1132.D

Injection Date:	21-Nov-2012 11:58:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	65929	Lims Sample ID:	6
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



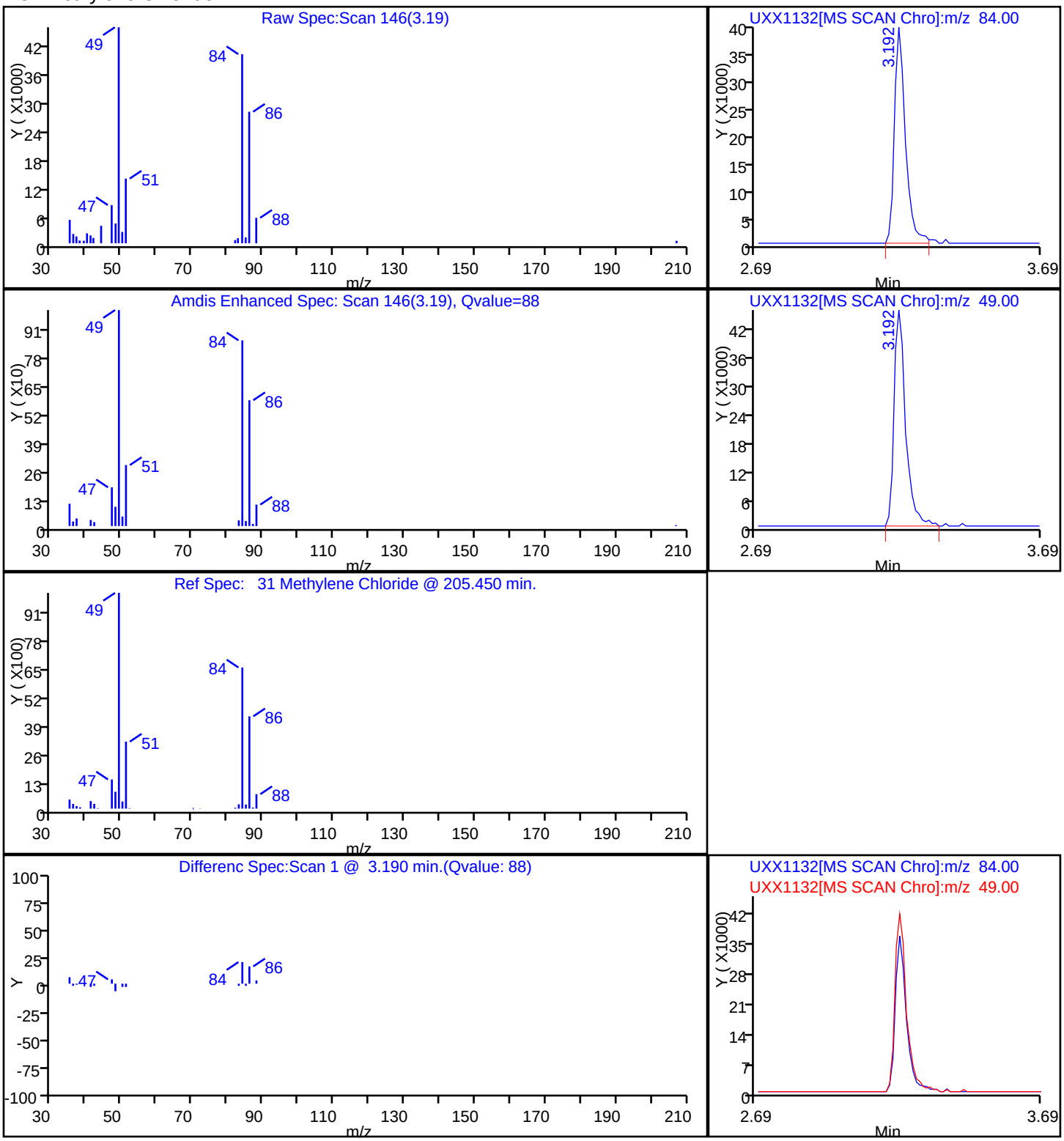
Report Date: 23-Nov-2012 08:56:55 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1132.D

Injection Date:	21-Nov-2012 11:58:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	65929	Lims Sample ID:	6
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

31 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-66063/17

Matrix: Solid | Lab File ID: 149383.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/23/2012 15:13

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.: 66063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.0	U	5.0	1.0	0.56
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	0.34
79-00-5	1,1,2-Trichloroethane	0.50	U	5.0	0.50	0.39
75-34-3	1,1-Dichloroethane	0.50	U	5.0	0.50	0.36
75-35-4	1,1-Dichloroethene	1.0	U	5.0	1.0	0.52
107-06-2	1,2-Dichloroethane	0.50	U	5.0	0.50	0.34
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
78-93-3	2-Butanone (MEK)	1.76	J	20	2.0	1.4
591-78-6	2-Hexanone	0.834	J	20	1.0	0.63
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	20	1.0	0.54
67-64-1	Acetone	13.8	J	20	6.3	6.3
71-43-2	Benzene	0.50	U	5.0	0.50	0.23
75-25-2	Bromoform	0.50	U	5.0	0.50	0.33
74-83-9	Bromomethane	1.0	U	5.0	1.0	0.54
75-15-0	Carbon disulfide	0.50	U	5.0	0.50	0.44
56-23-5	Carbon tetrachloride	0.50	U	5.0	0.50	0.37
108-90-7	Chlorobenzene	0.50	U	5.0	0.50	0.33
75-27-4	Bromodichloromethane	0.50	U	5.0	0.50	0.28
74-87-3	Chloromethane	0.50	U	5.0	0.50	0.41
10061-01-5	cis-1,3-Dichloropropene	0.50	U	5.0	0.50	0.34
124-48-1	Dibromochloromethane	1.0	U	5.0	1.0	0.55
100-41-4	Ethylbenzene	0.50	U	5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	0.50	U	5.0	0.50	0.43
75-09-2	Methylene Chloride	1.0	U	5.0	1.0	0.67
100-42-5	Styrene	0.150	J	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
74-97-5	Bromochloromethane	1.0	U	5.0	1.0	0.71
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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-66063/17

Matrix: Solid | Lab File ID: 149383.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/23/2012 15:13

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.: 66063 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		61-130
2037-26-5	Toluene-d8 (Surr)	90		85-115
460-00-4	4-Bromofluorobenzene (Surr)	87		85-120
1868-53-7	Dibromofluoromethane (Surr)	85		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149383.D
Lims ID: MB Client ID:
Inject. Date: 23-Nov-2012 15:13:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: mb
Misc. Info.: 240-0015202-017 =240-0015202-017
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 16
Lims Batch ID: 66063 Lims Sample ID: 17
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:57:02 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks Date: 23-Nov-2012 15:33:02

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2038802	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	90	1248717	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	625897	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	80	429803	42.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	92	585771	46.7	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1748232	44.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	542331	43.5	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.442					9
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101		2.507					
19 Ethyl ether	59	2.873	2.873	0.0	68	2288	0.2276	
25 Methylal	45		2.932					
20 Acrolein	56		3.039					9
21 1,1-Dichloroethene	96		3.157					
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		3.193					
22 Acetone	43	3.264	3.264	0.0	97	59801	13.8	
24 Iodomethane	142		3.347					9
26 Carbon disulfide	76		3.430					9
27 Acetonitrile	41	3.666	3.666	0.0	76	2581	2.28	
29 3-Chloro-1-propene	76		3.690					
28 Methyl acetate	43	3.761	3.761	0.0	55	4725	0.4881	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84		3.891					
31 2-Methyl-2-propanol	59		4.199					
32 Acrylonitrile	53	4.305	4.305	0.0	35	2678	0.6133	
33 trans-1,2-Dichloroethene	96		4.317					9
34 Methyl tert-butyl ether	73		4.352					
35 Hexane	86	4.731	4.743	-0.012	82	765	0.2604	
36 1,1-Dichloroethane	63		4.920					9
39 2-Chloro-1,3-butadiene	53		5.039					
37 Vinyl acetate	86		5.039					
38 Isopropyl ether	87		5.074					9
40 Tert-butyl ethyl ether	59		5.524					9
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77		5.642					9
42 cis-1,2-Dichloroethene	96		5.654					9
41 2-Butanone (MEK)	43	5.713	5.701	0.012	29	8795	1.76	
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128		5.926					
48 Tetrahydrofuran	42		5.985					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
51 Cyclohexane	56		6.269					9
53 Carbon tetrachloride	117		6.388					
52 1,1-Dichloropropene	75		6.388					9
54 Isobutyl alcohol	41		6.589					
55 Benzene	78		6.601					
56 1,2-Dichloroethane	62		6.624					
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.896					
59 n-Butanol	56		7.228					
60 Trichloroethene	130		7.240					9
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83		7.417					9
62 1,2-Dichloropropane	63		7.453					9
65 Dibromomethane	93		7.559					9
64 Methyl methacrylate	41		7.583					9
66 1,4-Dioxane	88		7.583					
67 Dichlorobromomethane	83		7.713					9
68 2-Nitropropane	41		7.926					9
69 2-Chloroethyl vinyl ether	63		7.997					
70 cis-1,3-Dichloropropene	75		8.115					9
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	67	3069	0.3294	
72 Toluene	91	8.411	8.411	0.0	71	4888	0.1133	
73 trans-1,3-Dichloropropene	75		8.600					9
74 Ethyl methacrylate	69		8.683					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.884					
76 1,3-Dichloropropane	76		8.908					
78 2-Hexanone	43	8.979	8.979	0.0	86	4589	0.8344	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	7637	0	
79 Chlorodibromomethane	129		9.109					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107	9.204	9.204	0.0	47	829	0.1296	
81 1-Chlorohexane	91		9.594					9
82 Chlorobenzene	112		9.618					9
83 1,1,1,2-Tetrachloroethane	131		9.689					
84 Ethylbenzene	106	9.713	9.713	0.0	43	1133	0.0778	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	87	2804	0.1577	
85 o-Xylene	106		10.151					
86 Styrene	104	10.162	10.162	0.0	80	3685	0.1498	
87 Bromoform	173		10.328					9
88 Isopropylbenzene	105		10.458					9
89 Cyclohexanone	55	10.541	10.541	0.0	35	7192	4.01	
90 1,1,2,2-Tetrachloroethane	83		10.707					9
91 Bromobenzene	156	10.718	10.719	-0.001	66	2087	0.1904	
92 1,2,3-Trichloropropane	110		10.742					9
93 trans-1,4-Dichloro-2-butene	53		10.754					9
94 N-Propylbenzene	120	10.801	10.801	0.0	57	1260	0.1010	
95 2-Chlorotoluene	126	10.884	10.884	0.0	68	993	0.0873	7
96 1,3,5-Trimethylbenzene	105		10.943					
104 4-Chlorotoluene	126	10.967	10.967	0.0	78	2474	0.2239	
97 tert-Butylbenzene	119		11.227					9
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	58	4789	0.1313	
99 sec-Butylbenzene	105		11.417					
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	43	5814	0.2702	
101 4-Isopropyltoluene	119		11.535					
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	36	7774	0.3549	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	24	4096	0.1092	
105 n-Butylbenzene	91	11.878	11.878	0.0	68	5237	0.1549	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	67	4800	0.2379	
107 1,2-Dibromo-3-Chloropropane	157		12.553					
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	79	5466	0.3968	
110 Hexachlorobutadiene	225		13.369					
111 Naphthalene	128	13.440	13.440	0.0	92	17990	0.6879	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	77	5879	0.5414	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	21	2520	0.1696	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	1465073	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	1951399	0	
S 137 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				0		0.1577	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

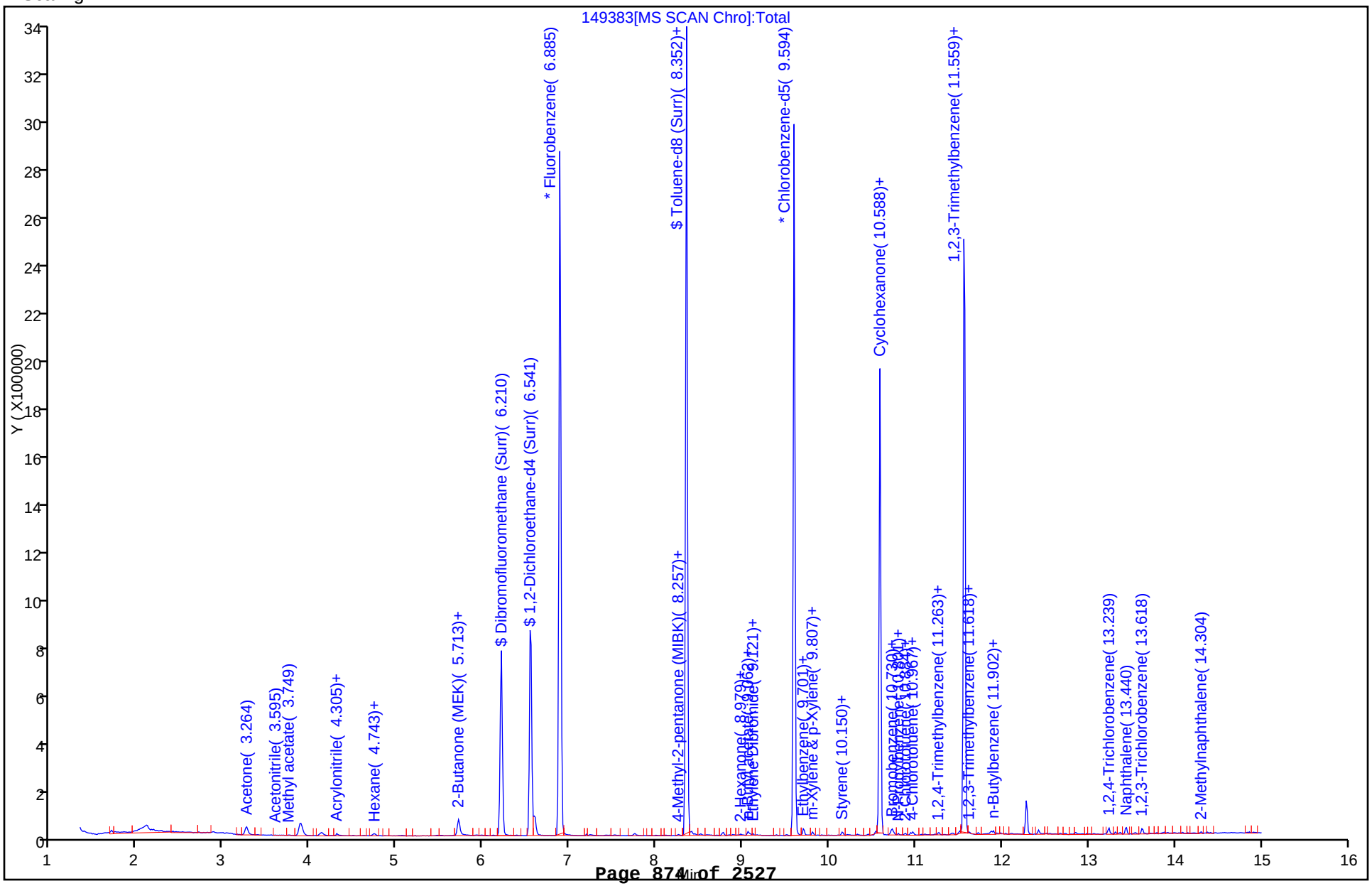
Report Date: 25-Nov-2012 10:57:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149383.D

Injection Date:	23-Nov-2012 15:13:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	17
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



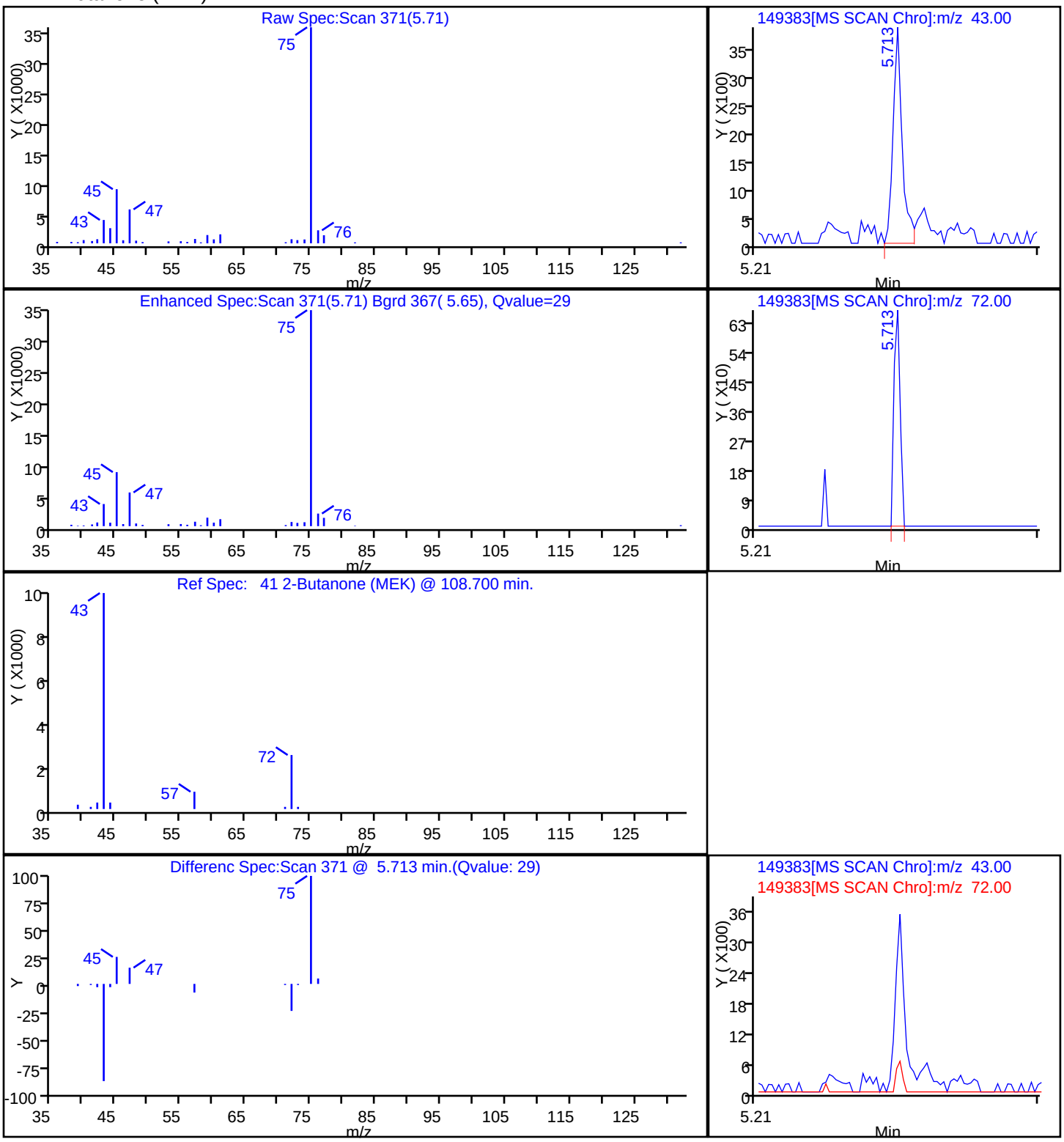
Report Date: 25-Nov-2012 10:57:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149383.D

Injection Date:	23-Nov-2012 15:13:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	17
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



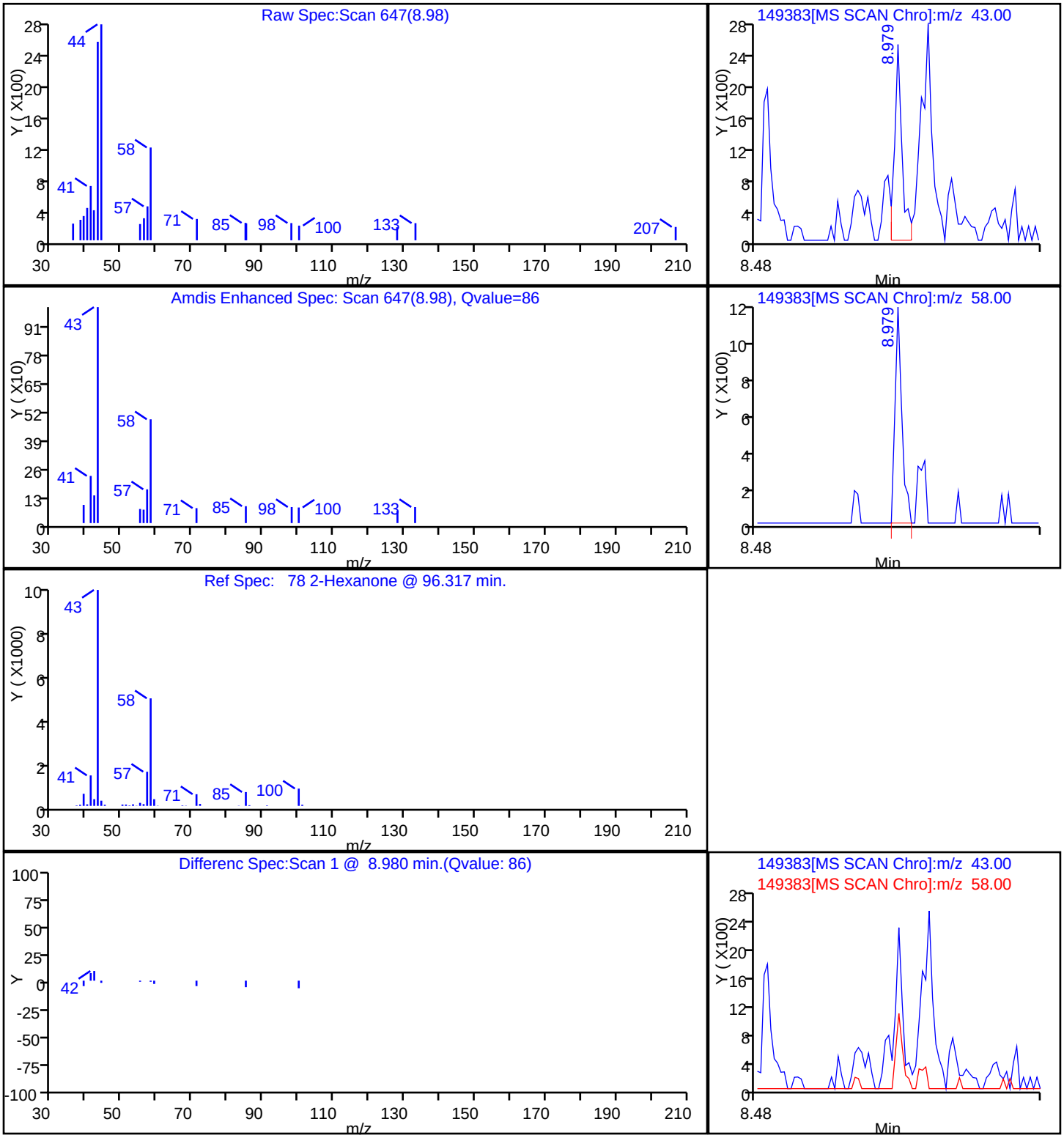
Report Date: 25-Nov-2012 10:57:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149383.D

Injection Date:	23-Nov-2012 15:13:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	17
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

78 2-Hexanone



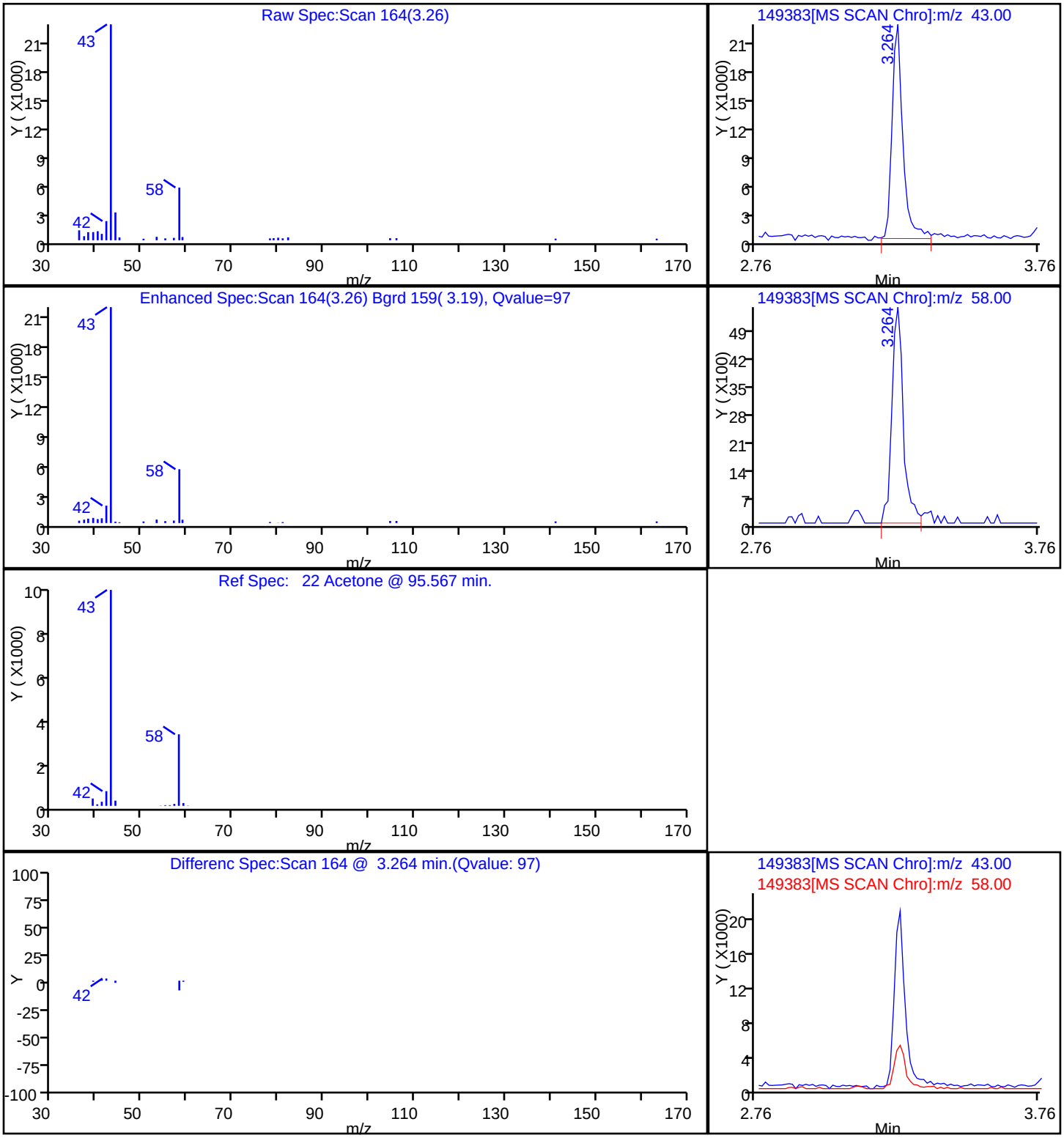
Report Date: 25-Nov-2012 10:57:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149383.D

Injection Date:	23-Nov-2012 15:13:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	17
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



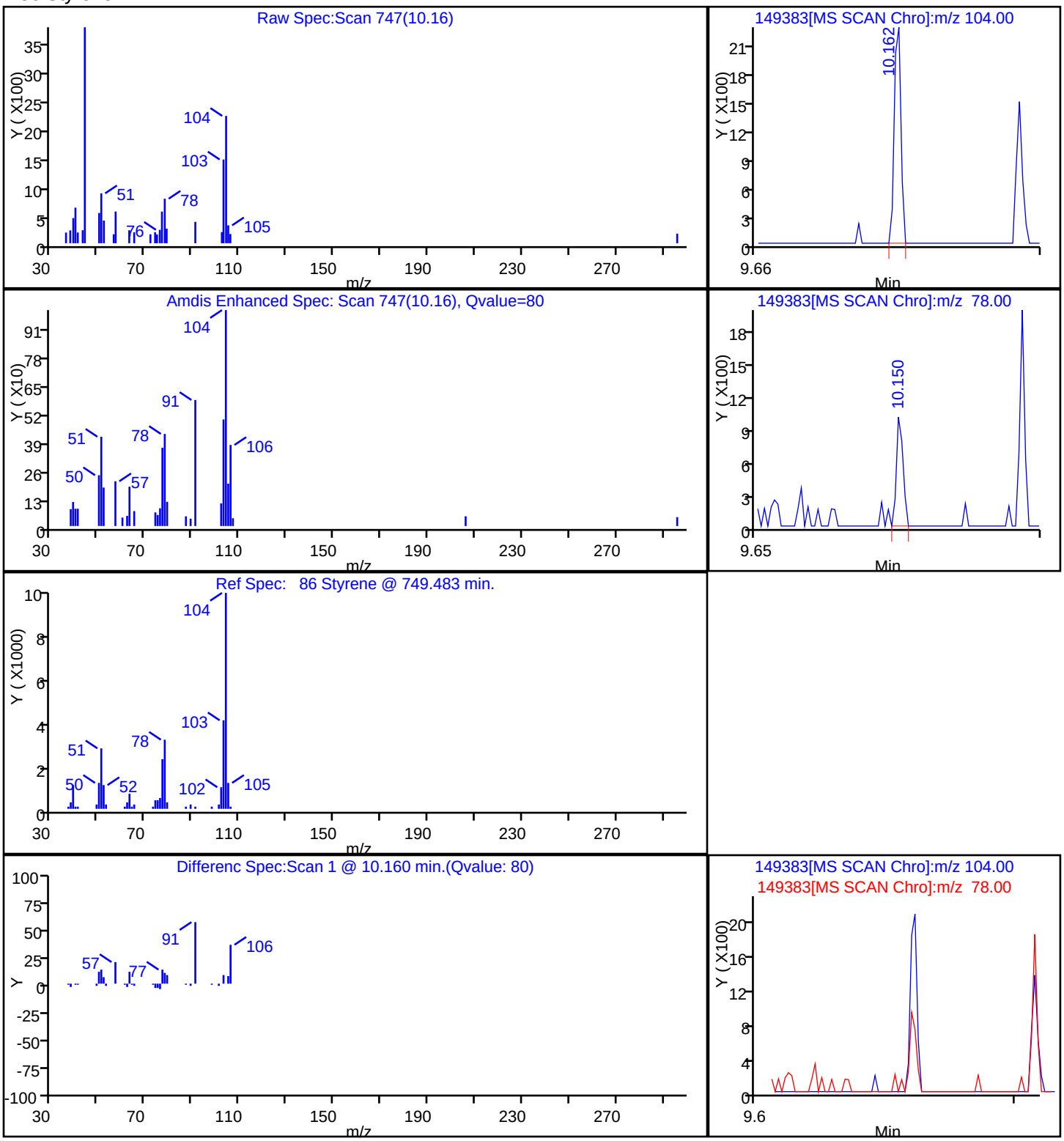
Report Date: 25-Nov-2012 10:57:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149383.D

Injection Date:	23-Nov-2012 15:13:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	17
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

86 Styrene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-66175/8

Matrix: Solid | Lab File ID: 149407.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/25/2012 09:59

Soil Aliquot Vol: 5 (g) | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.42	U	5.0	0.42	0.42
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	0.18
79-00-5	1,1,2-Trichloroethane	0.50	U	5.0	0.50	0.24
75-34-3	1,1-Dichloroethane	0.50	U	5.0	0.50	0.34
75-35-4	1,1-Dichloroethene	0.50	U	5.0	0.50	0.36
107-06-2	1,2-Dichloroethane	0.50	U	5.0	0.50	0.20
540-59-0	1,2-Dichloroethene, Total	0.16	U	10	0.16	0.16
78-87-5	1,2-Dichloropropane	0.20	U	5.0	0.20	0.16
78-93-3	2-Butanone (MEK)	1.83	J	20	2.0	0.86
591-78-6	2-Hexanone	0.654	J	20	1.0	0.40
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	U	20	2.0	0.96
67-64-1	Acetone	19.2	J	20	4.0	3.4
71-43-2	Benzene	0.50	U	5.0	0.50	0.24
75-25-2	Bromoform	0.50	U	5.0	0.50	0.38
74-83-9	Bromomethane	1.0	U	5.0	1.0	0.58
75-15-0	Carbon disulfide	2.92	J	5.0	0.50	0.24
56-23-5	Carbon tetrachloride	0.20	U	5.0	0.20	0.13
108-90-7	Chlorobenzene	0.20	U	5.0	0.20	0.13
75-27-4	Bromodichloromethane	0.50	U	5.0	0.50	0.20
74-87-3	Chloromethane	0.50	U	5.0	0.50	0.28
10061-01-5	cis-1,3-Dichloropropene	0.20	U	5.0	0.20	0.16
124-48-1	Dibromochloromethane	0.50	U	5.0	0.50	0.24
100-41-4	Ethylbenzene	0.20	U	5.0	0.20	0.11
1634-04-4	Methyl tert-butyl ether	0.20	U	5.0	0.20	0.14
75-09-2	Methylene Chloride	2.0	U	5.0	2.0	1.5
100-42-5	Styrene	0.147	J	5.0	0.20	0.11
127-18-4	Tetrachloroethene	0.50	U	5.0	0.50	0.24
108-88-3	Toluene	0.50	U	5.0	0.50	0.34
67-66-3	Chloroform	0.50	U	5.0	0.50	0.18
74-97-5	Bromochloromethane	0.50	U	5.0	0.50	0.26
106-93-4	1,2-Dibromoethane	0.50	U	5.0	0.50	0.20
10061-02-6	trans-1,3-Dichloropropene	0.50	U	5.0	0.50	0.40
79-01-6	Trichloroethene	0.50	U	5.0	0.50	0.19
75-01-4	Vinyl chloride	0.50	U	5.0	0.50	0.36
75-00-3	Chloroethane	2.0	U	5.0	2.0	1.2
1330-20-7	Xylenes, Total	0.60	U	10	0.60	0.16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-66175/8

Matrix: Solid Lab File ID: 149407.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/25/2012 09:59

Soil Aliquot Vol: 5 (g) Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		61-130
2037-26-5	Toluene-d8 (Surr)	93		85-115
460-00-4	4-Bromofluorobenzene (Surr)	89		85-120
1868-53-7	Dibromofluoromethane (Surr)	84		59-138

Report Date: 27-Nov-2012 11:11:55 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149407.D
Lims ID: MB Client ID:
Inject. Date: 25-Nov-2012 09:59:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: mb
Misc. Info.: 240-0015237-008 =240-0015237-008
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 7
Lims Batch ID: 66175 Lims Sample ID: 8
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 25-Nov-2012 10:20:37

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.884	6.885	-0.001	99	2190934	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	1247887	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.559	0.011	99	600128	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	65	459807	42.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	91	637862	47.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1814603	46.6	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	531795	44.5	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
133 Benzyl chloride	126		0.000					
138 Butyl Methacrylate TIC	1		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.430					9
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					9
16 Chloroethane	64		2.187					
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101		2.506					
19 Ethyl ether	59	2.885	2.873	0.012	67	1397	0.1293	
25 Methylal	45		2.932					
20 Acrolein	56		3.027					9
21 1,1-Dichloroethene	96		3.145					
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		3.181					
22 Acetone	43	3.264	3.252	0.012	100	81041	19.2	
24 Iodomethane	142		3.347					
26 Carbon disulfide	76	3.417	3.418	-0.001	54	710	2.92	
27 Acetonitrile	41		3.666					
29 3-Chloro-1-propene	76		3.690					
28 Methyl acetate	43	3.772	3.761	0.011	78	5122	0.4923	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84		3.879					
31 2-Methyl-2-propanol	59	4.198	4.187	0.011	35	1725	2.53	
32 Acrylonitrile	53	4.305	4.293	0.012	81	2374	0.5059	
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.352					9
35 Hexane	86	4.743	4.743	0.0	92	850	0.2692	
36 1,1-Dichloroethane	63		4.920					9
37 Vinyl acetate	86		5.039					
39 2-Chloro-1,3-butadiene	53		5.039					
38 Isopropyl ether	87		5.062					
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77		5.642					9
42 cis-1,2-Dichloroethene	96		5.654					9
41 2-Butanone (MEK)	43	5.713	5.701	0.012	27	9819	1.83	
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.784					9
47 Chlorobromomethane	128		5.926					9
46 Methacrylonitrile	41		5.926					9
48 Tetrahydrofuran	42		5.973					9
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
51 Cyclohexane	56		6.257					9
52 1,1-Dichloropropene	75		6.388					
53 Carbon tetrachloride	117		6.388					
54 Isobutyl alcohol	41		6.589					
55 Benzene	78		6.601					
56 1,2-Dichloroethane	62		6.624					
57 Tert-amyl methyl ether	73		6.731					
58 n-Heptane	100		6.897					
59 n-Butanol	56	7.228	7.228	0.0	81	4399	1.65	
60 Trichloroethene	130		7.240					9
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83		7.417					
62 1,2-Dichloropropane	63		7.453					
65 Dibromomethane	93		7.559					
64 Methyl methacrylate	41		7.571					9
66 1,4-Dioxane	88		7.583					19
67 Dichlorobromomethane	83		7.713					9
68 2-Nitropropane	41		7.914					
69 2-Chloroethyl vinyl ether	63		7.985					
70 cis-1,3-Dichloropropene	75		8.115					9
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	69	3159	0.3393	
72 Toluene	91		8.411					9
73 trans-1,3-Dichloropropene	75		8.600					9
74 Ethyl methacrylate	69		8.683					9
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.884					9
76 1,3-Dichloropropane	76		8.908					9
78 2-Hexanone	43	8.979	8.979	0.0	73	3594	0.6539	
132 n-Butyl acetate	43	9.085	9.086	-0.001	0	10512	0	
79 Chlorodibromomethane	129		9.109					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107	9.192	9.204	-0.012	19	694	0.1086	
81 1-Chlorohexane	91	9.594	9.594	0.0	16	2493	0	
82 Chlorobenzene	112		9.618					9
83 1,1,1,2-Tetrachloroethane	131		9.689					
84 Ethylbenzene	106	9.713	9.713	0.0	14	1066	0.0732	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	84	2732	0.1537	
85 o-Xylene	106		10.150					
86 Styrene	104	10.162	10.150	0.012	76	3617	0.1471	
87 Bromoform	173		10.316					
88 Isopropylbenzene	105		10.458					9
89 Cyclohexanone	55	10.541	10.541	0.0	81	6866	3.83	
90 1,1,2,2-Tetrachloroethane	83		10.707					9
91 Bromobenzene	156		10.718					9
92 1,2,3-Trichloropropane	110		10.742					9
93 trans-1,4-Dichloro-2-butene	53		10.742					9
94 N-Propylbenzene	120	10.801	10.801	0.0	67	1265	0.1058	
95 2-Chlorotoluene	126	10.872	10.884	-0.012	63	1064	0.0976	7
96 1,3,5-Trimethylbenzene	105		10.943					9
104 4-Chlorotoluene	126	10.967	10.967	0.0	57	1658	0.1565	
97 tert-Butylbenzene	119		11.227					9
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	67	5113	0.1462	
99 sec-Butylbenzene	105		11.405					9
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	24	4761	0.2307	
101 4-Isopropyltoluene	119		11.523					
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	36	6308	0.3004	
103 1,2,3-Trimethylbenzene	105		11.618					
105 n-Butylbenzene	91	11.866	11.878	-0.012	72	4440	0.1369	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	61	4452	0.2302	
107 1,2-Dibromo-3-Chloropropane	157		12.553					
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	68	5764	0.4363	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	19	809	0.1251	
111 Naphthalene	128	13.440	13.440	0.0	91	17347	0.6918	
112 1,2,3-Trichlorobenzene	180	13.617	13.618	-0.001	70	4447	0.4271	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	61	3174	0.2228	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	2043931	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	2637215	0	
S 137 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				0		0.1537	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

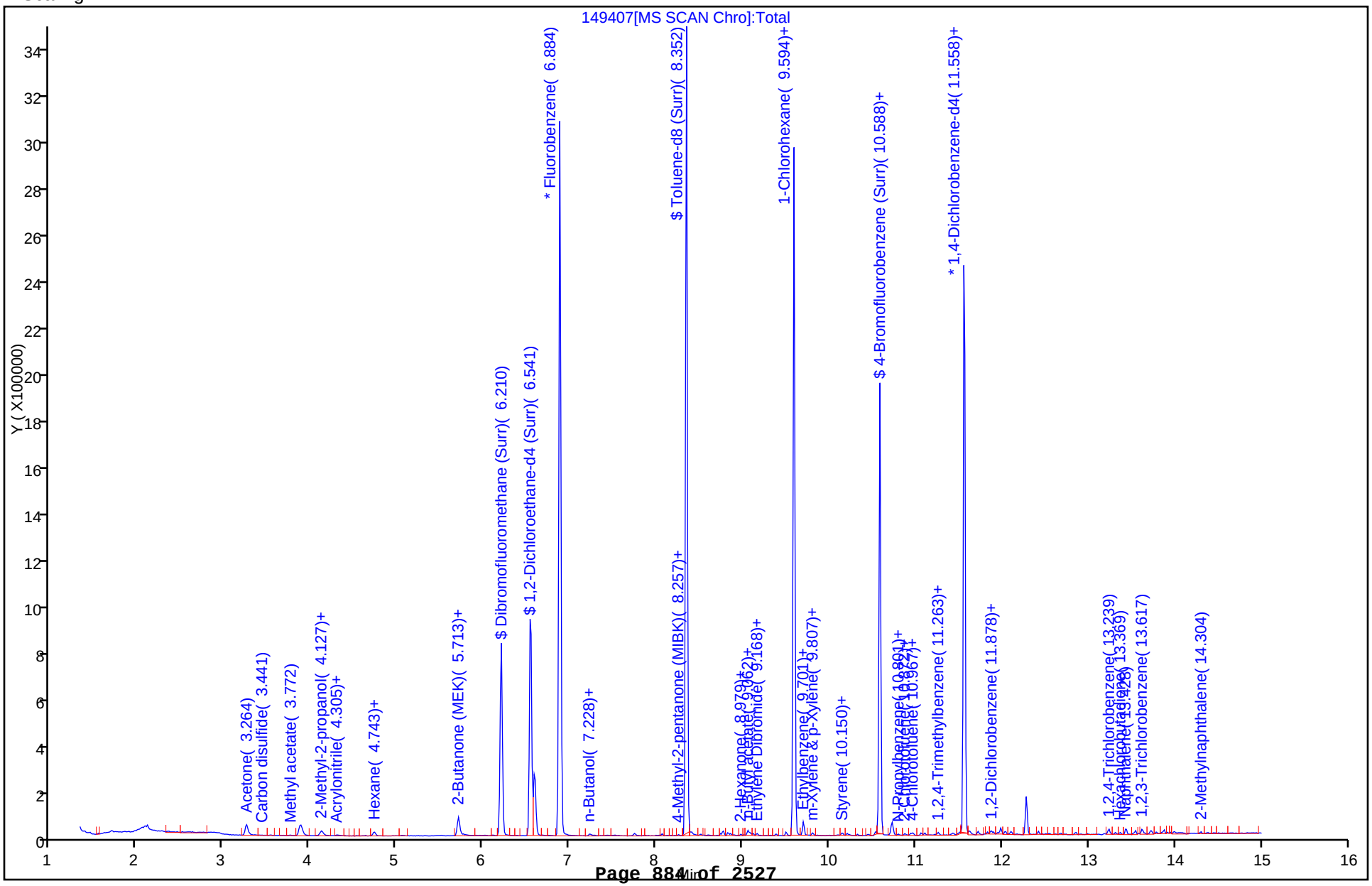
Report Date: 27-Nov-2012 11:11:55 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149407.D

Injection Date:	25-Nov-2012 09:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



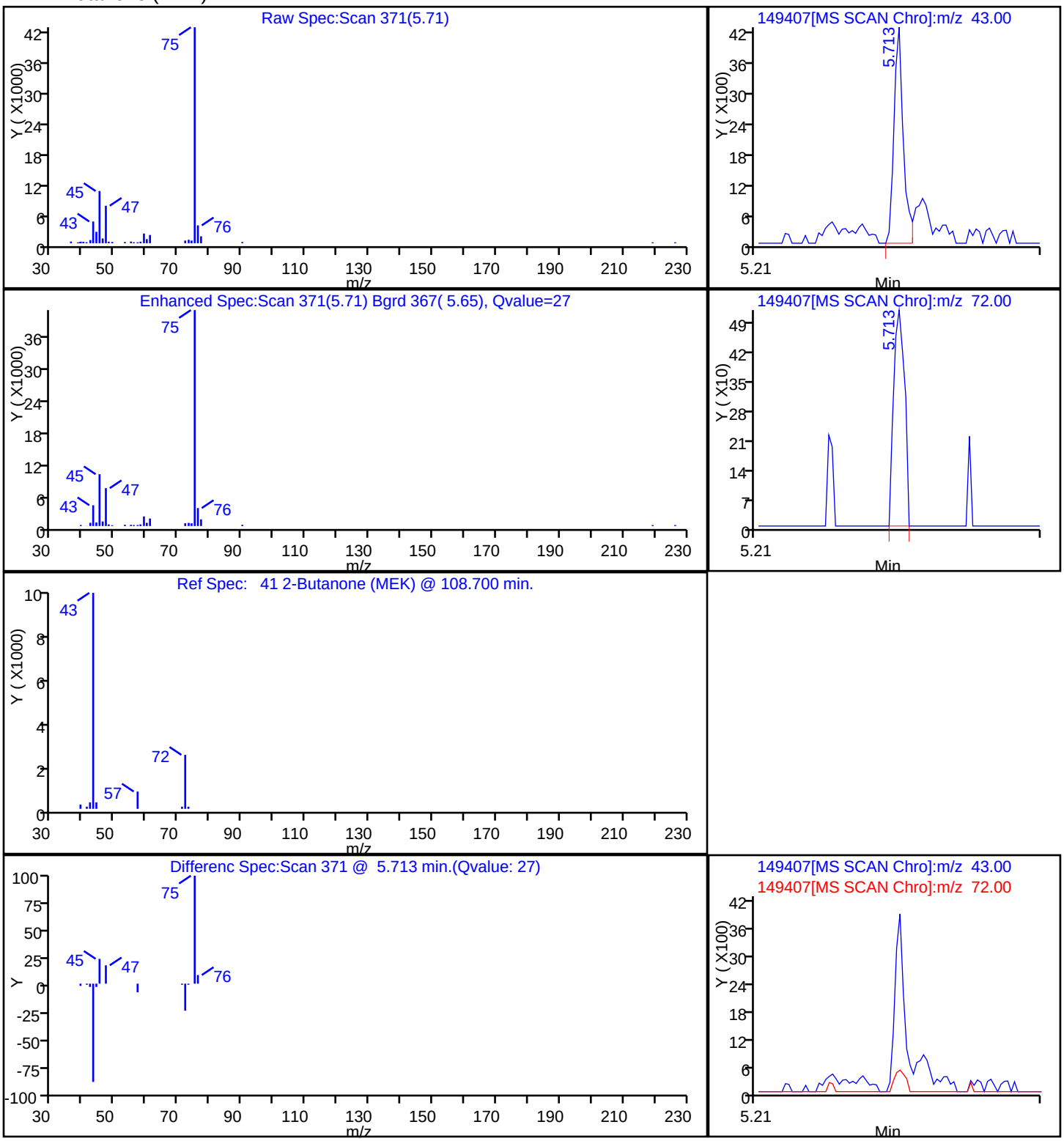
Report Date: 27-Nov-2012 11:11:55 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149407.D

Injection Date:	25-Nov-2012 09:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

41 2-Butanone (MEK)



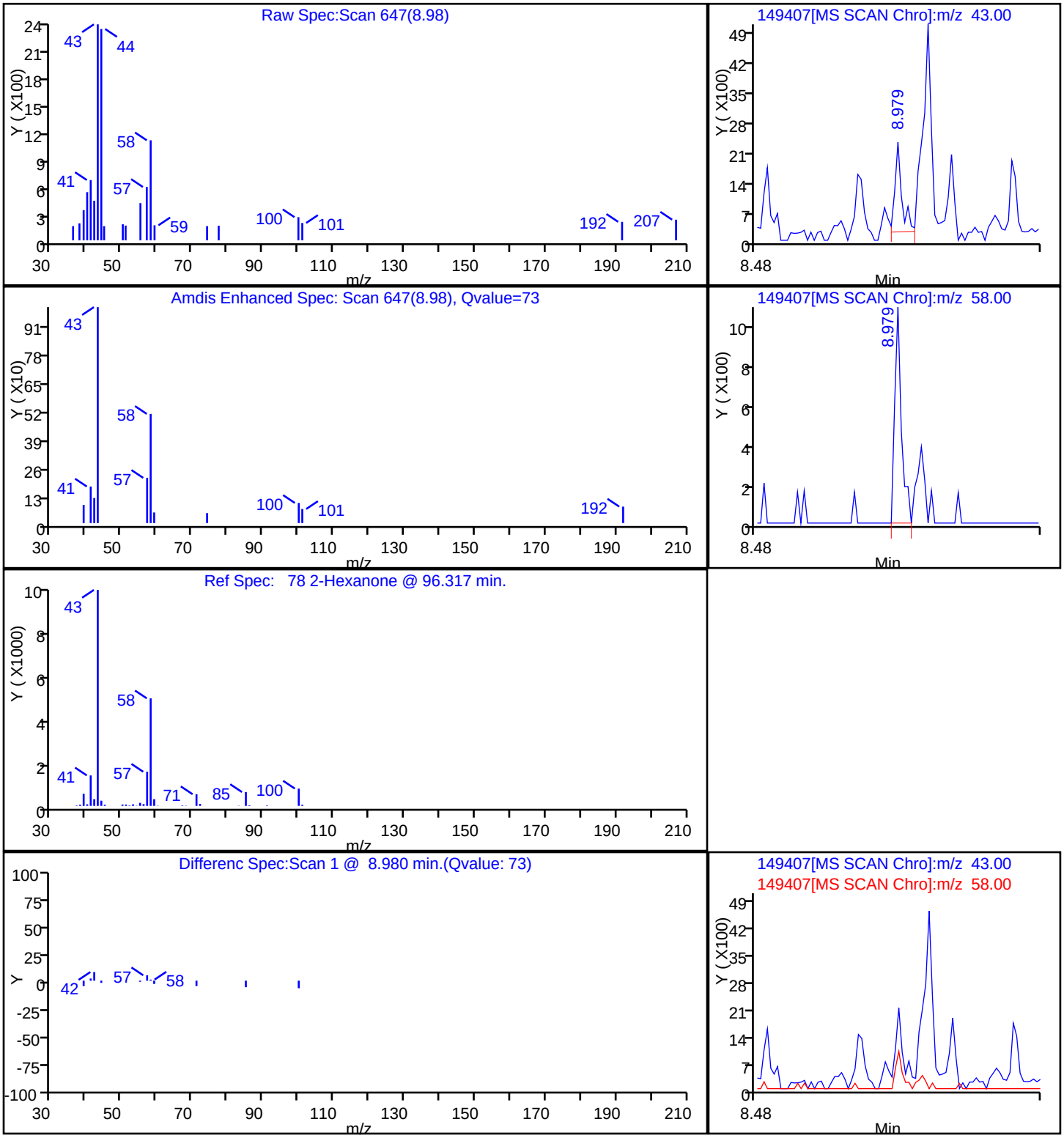
Report Date: 27-Nov-2012 11:11:55 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149407.D

Injection Date:	25-Nov-2012 09:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

78 2-Hexanone



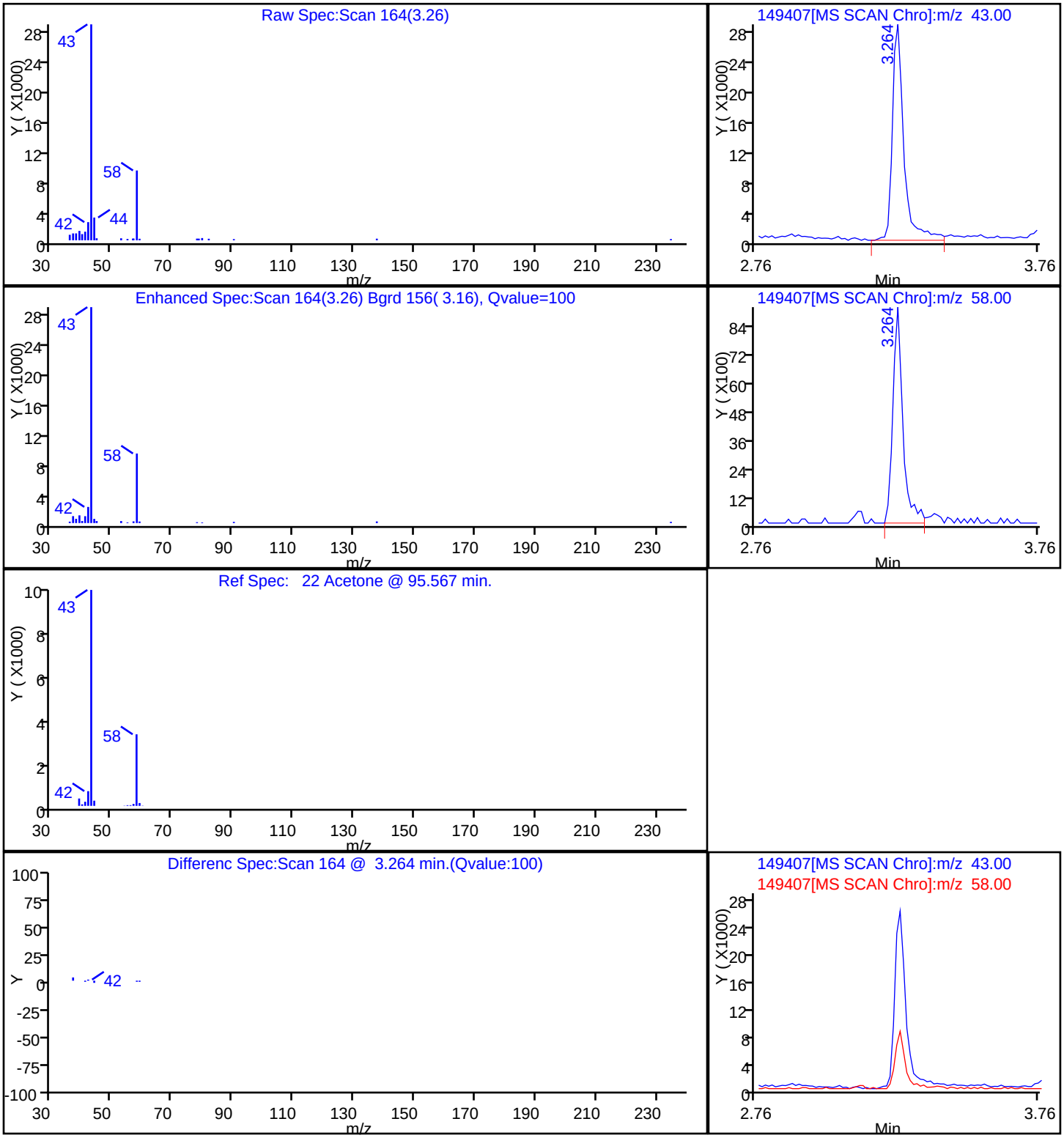
Report Date: 27-Nov-2012 11:11:55 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149407.D

Injection Date:	25-Nov-2012 09:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



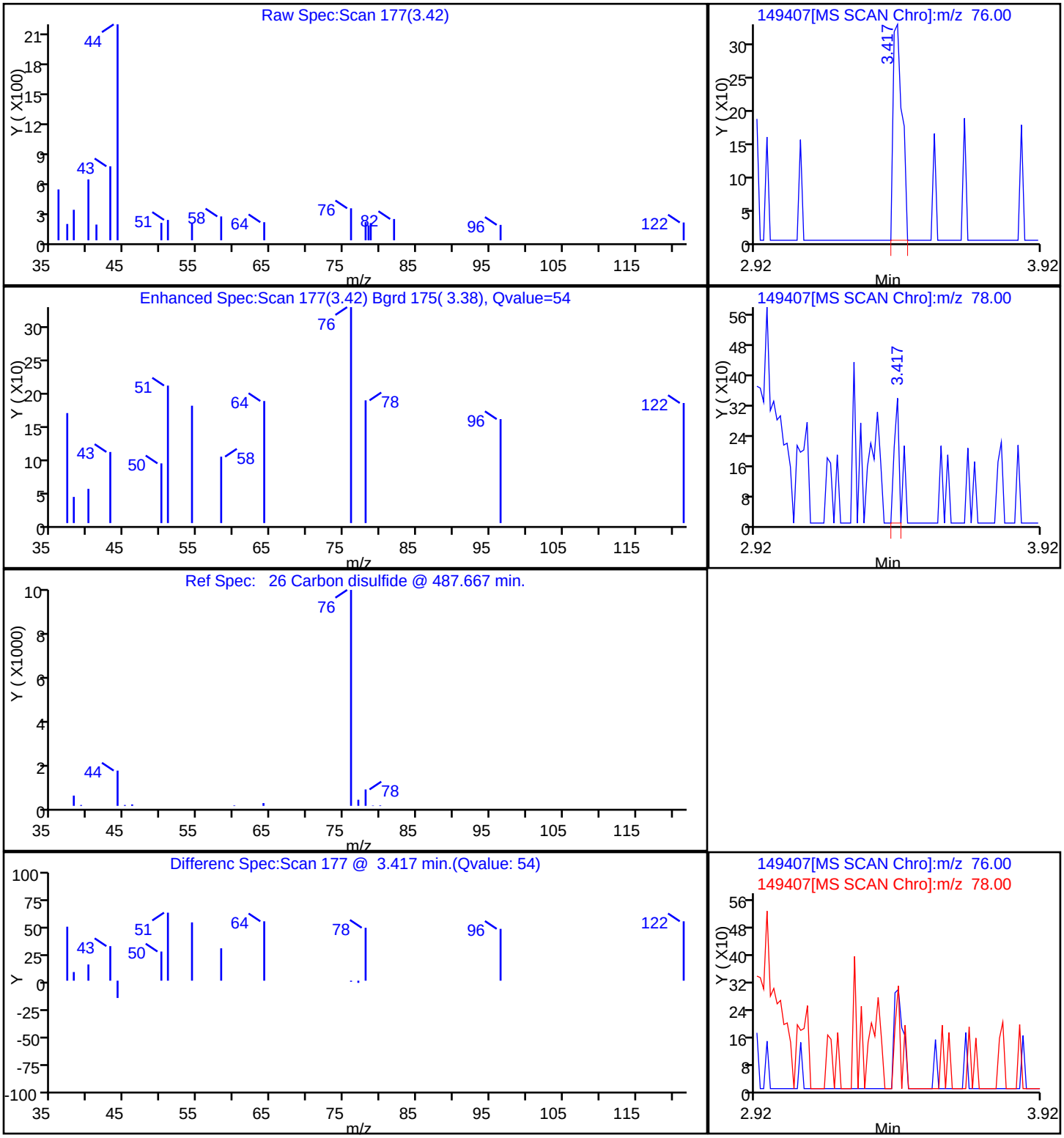
Report Date: 27-Nov-2012 11:11:55 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149407.D

Injection Date:	25-Nov-2012 09:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



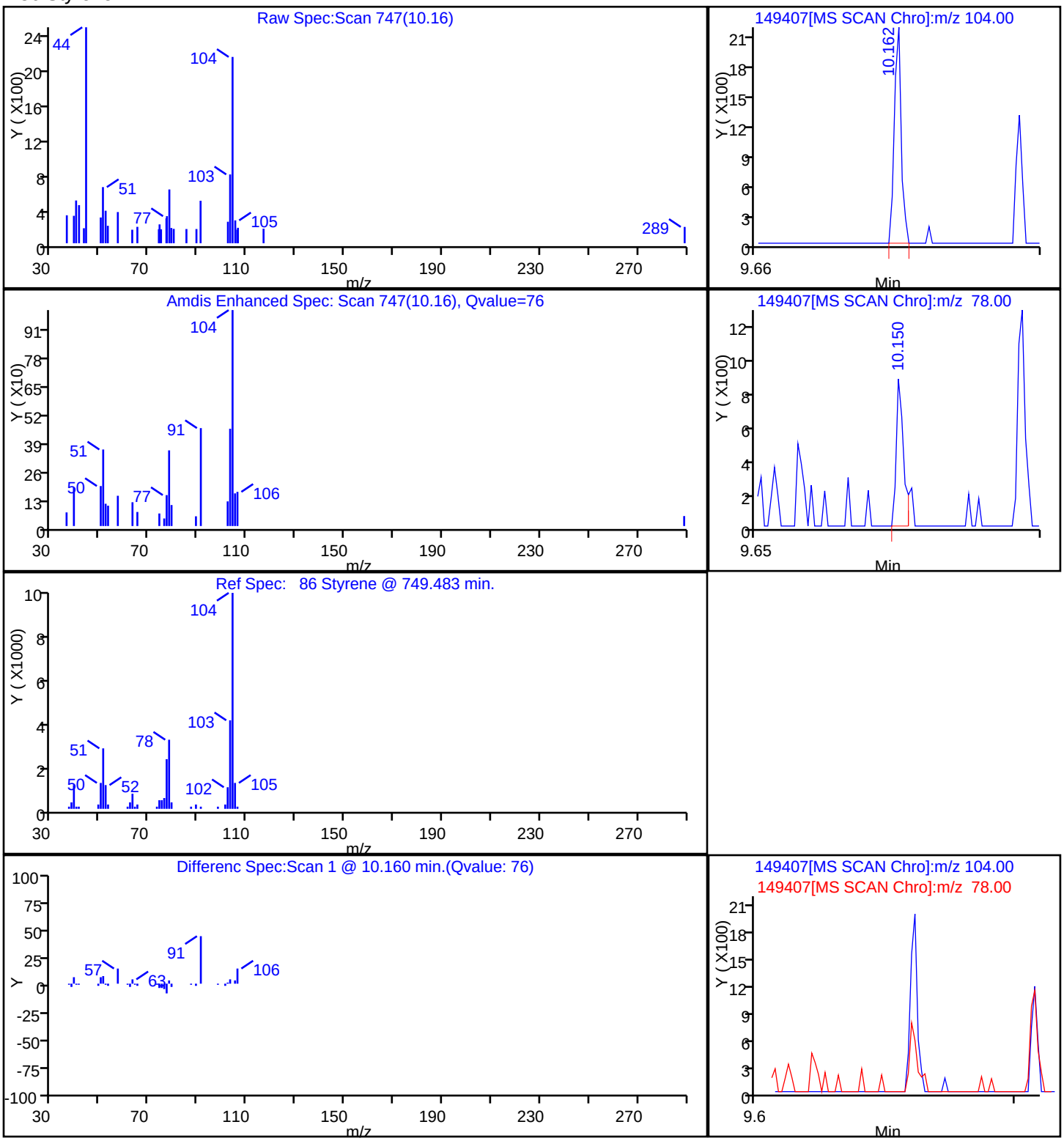
Report Date: 27-Nov-2012 11:11:55 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149407.D

Injection Date:	25-Nov-2012 09:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

86 Styrene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-66239/8

Matrix: Solid | Lab File ID: 149441.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/26/2012 14:15

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.: 66239 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	1.0	U	5.0	1.0	0.56
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	0.34
79-00-5	1,1,2-Trichloroethane	0.50	U	5.0	0.50	0.39
75-34-3	1,1-Dichloroethane	0.50	U	5.0	0.50	0.36
75-35-4	1,1-Dichloroethene	1.0	U	5.0	1.0	0.52
107-06-2	1,2-Dichloroethane	0.50	U	5.0	0.50	0.34
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
78-93-3	2-Butanone (MEK)	2.0	U	20	2.0	1.4
591-78-6	2-Hexanone	0.785	J	20	1.0	0.63
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	20	1.0	0.54
67-64-1	Acetone	11.2	J	20	6.3	6.3
71-43-2	Benzene	0.50	U	5.0	0.50	0.23
75-25-2	Bromoform	0.50	U	5.0	0.50	0.33
74-83-9	Bromomethane	1.0	U	5.0	1.0	0.54
75-15-0	Carbon disulfide	0.50	U	5.0	0.50	0.44
56-23-5	Carbon tetrachloride	0.50	U	5.0	0.50	0.37
108-90-7	Chlorobenzene	0.50	U	5.0	0.50	0.33
75-27-4	Bromodichloromethane	0.50	U	5.0	0.50	0.28
74-87-3	Chloromethane	0.50	U	5.0	0.50	0.41
10061-01-5	cis-1,3-Dichloropropene	0.50	U	5.0	0.50	0.34
124-48-1	Dibromochloromethane	1.0	U	5.0	1.0	0.55
100-41-4	Ethylbenzene	0.50	U	5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	0.50	U	5.0	0.50	0.43
75-09-2	Methylene Chloride	1.0	U	5.0	1.0	0.67
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
74-97-5	Bromochloromethane	1.0	U	5.0	1.0	0.71
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.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-66239/8

Matrix: Solid Lab File ID: 149441.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/26/2012 14:15

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.: 66239 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		61-130
2037-26-5	Toluene-d8 (Surr)	89		85-115
460-00-4	4-Bromofluorobenzene (Surr)	85		85-120
1868-53-7	Dibromofluoromethane (Surr)	82		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149441.D
Lims ID: MB Client ID:
Inject. Date: 26-Nov-2012 14:15:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: mb
Misc. Info.: 240-0015258-008 =240-0015258-008
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 8
Lims Batch ID: 66239 Lims Sample ID: 8
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121126-15258.b\8260_14.m
Last Update: 27-Nov-2012 09:27:58 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 14:34:33

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2183703	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.595	-0.001	97	1280862	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.559	0.011	98	626936	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	72	444615	40.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	92	610167	45.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1785715	44.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.589	0.0	90	532305	42.6	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.430					9
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					9
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101		2.507					
19 Ethyl ether	59		2.873					
25 Methylal	45		2.932					9
20 Acrolein	56	3.027	3.027	0.0	61	1283	0.7946	
21 1,1-Dichloroethene	96		3.146					
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		3.181					
22 Acetone	43	3.252	3.252	0.0	98	55873	11.2	
24 Iodomethane	142		3.347					9
26 Carbon disulfide	76		3.418					9
27 Acetonitrile	41	3.690	3.654	0.036	85	2325	1.92	
29 3-Chloro-1-propene	76		3.690					
28 Methyl acetate	43	3.773	3.761	0.012	63	5652	0.5451	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84	3.879	3.879	0.0	86	43642	0.3400	
31 2-Methyl-2-propanol	59		4.187					
32 Acrylonitrile	53	4.305	4.293	0.012	56	2323	0.4967	
33 trans-1,2-Dichloroethene	96		4.317					9
34 Methyl tert-butyl ether	73		4.353					9
35 Hexane	86	4.743	4.743	0.0	86	1174	0.3730	
36 1,1-Dichloroethane	63		4.921					9
39 2-Chloro-1,3-butadiene	53		5.039					
37 Vinyl acetate	86		5.039					
38 Isopropyl ether	87		5.074					
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77		5.642					9
42 cis-1,2-Dichloroethene	96		5.654					9
41 2-Butanone (MEK)	43		5.702					
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128		5.926					
48 Tetrahydrofuran	42		5.974					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
51 Cyclohexane	56		6.258					9
53 Carbon tetrachloride	117		6.388					
52 1,1-Dichloropropene	75		6.388					
54 Isobutyl alcohol	41		6.589					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.896					
59 n-Butanol	56	7.228	7.228	0.0	93	7329	18.2	
60 Trichloroethene	130		7.240					9
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83		7.417					9
62 1,2-Dichloropropane	63		7.453					9
65 Dibromomethane	93		7.559					9
64 Methyl methacrylate	41		7.571					9
66 1,4-Dioxane	88		7.583					
67 Dichlorobromomethane	83		7.713					9
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63		7.985					
70 cis-1,3-Dichloropropene	75		8.115					9
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	75	3409	0.3567	
72 Toluene	91		8.411					
73 trans-1,3-Dichloropropene	75		8.601					9
74 Ethyl methacrylate	69		8.683					9
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.885					9
76 1,3-Dichloropropane	76		8.908					9
78 2-Hexanone	43	8.979	8.979	0.0	77	4428	0.7850	
132 n-Butyl acetate	43	9.085	9.086	-0.001	0	12006	0	
79 Chlorodibromomethane	129		9.109					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107	9.204	9.204	0.0	36	817	0.1245	
81 1-Chlorohexane	91	9.594	9.594	0.0	14	3052	0	
82 Chlorobenzene	112		9.618					9
83 1,1,1,2-Tetrachloroethane	131		9.689					
84 Ethylbenzene	106	9.713	9.713	0.0	19	1115	0.0746	7
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	91	3091	0.1695	
85 o-Xylene	106		10.151					
86 Styrene	104	10.162	10.151	0.011	58	3380	0.1339	
87 Bromoform	173		10.316					
88 Isopropylbenzene	105		10.458					9
89 Cyclohexanone	55	10.541	10.541	0.0	35	5251	2.86	
90 1,1,2,2-Tetrachloroethane	83		10.707					9
91 Bromobenzene	156	10.718	10.719	-0.001	80	1721	0.1568	
92 1,2,3-Trichloropropane	110		10.742					
93 trans-1,4-Dichloro-2-butene	53		10.742					9
94 N-Propylbenzene	120		10.802					
95 2-Chlorotoluene	126	10.884	10.884	0.0	50	985	0.0865	7
96 1,3,5-Trimethylbenzene	105		10.943					
104 4-Chlorotoluene	126	10.967	10.967	0.0	72	1441	0.1302	
97 tert-Butylbenzene	119		11.227					9
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	55	4472	0.1224	
99 sec-Butylbenzene	105		11.405					9
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	30	4338	0.2013	
101 4-Isopropyltoluene	119		11.523					
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	40	7630	0.3478	
103 1,2,3-Trimethylbenzene	105	11.630	11.618	0.012	6	4016	0.1069	
105 n-Butylbenzene	91	11.866	11.866	0.0	83	5025	0.1484	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	70	3564	0.1764	
107 1,2-Dibromo-3-Chloropropane	157		12.553					
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	67	5936	0.4302	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	20	792	0.1172	
111 Naphthalene	128	13.440	13.440	0.0	92	17621	0.6727	
112 1,2,3-Trichlorobenzene	180	13.617	13.618	-0.001	80	6274	0.5768	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	42	2952	0.1984	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	1698518	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	2030057	0	
S 137 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				0		0.1695	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

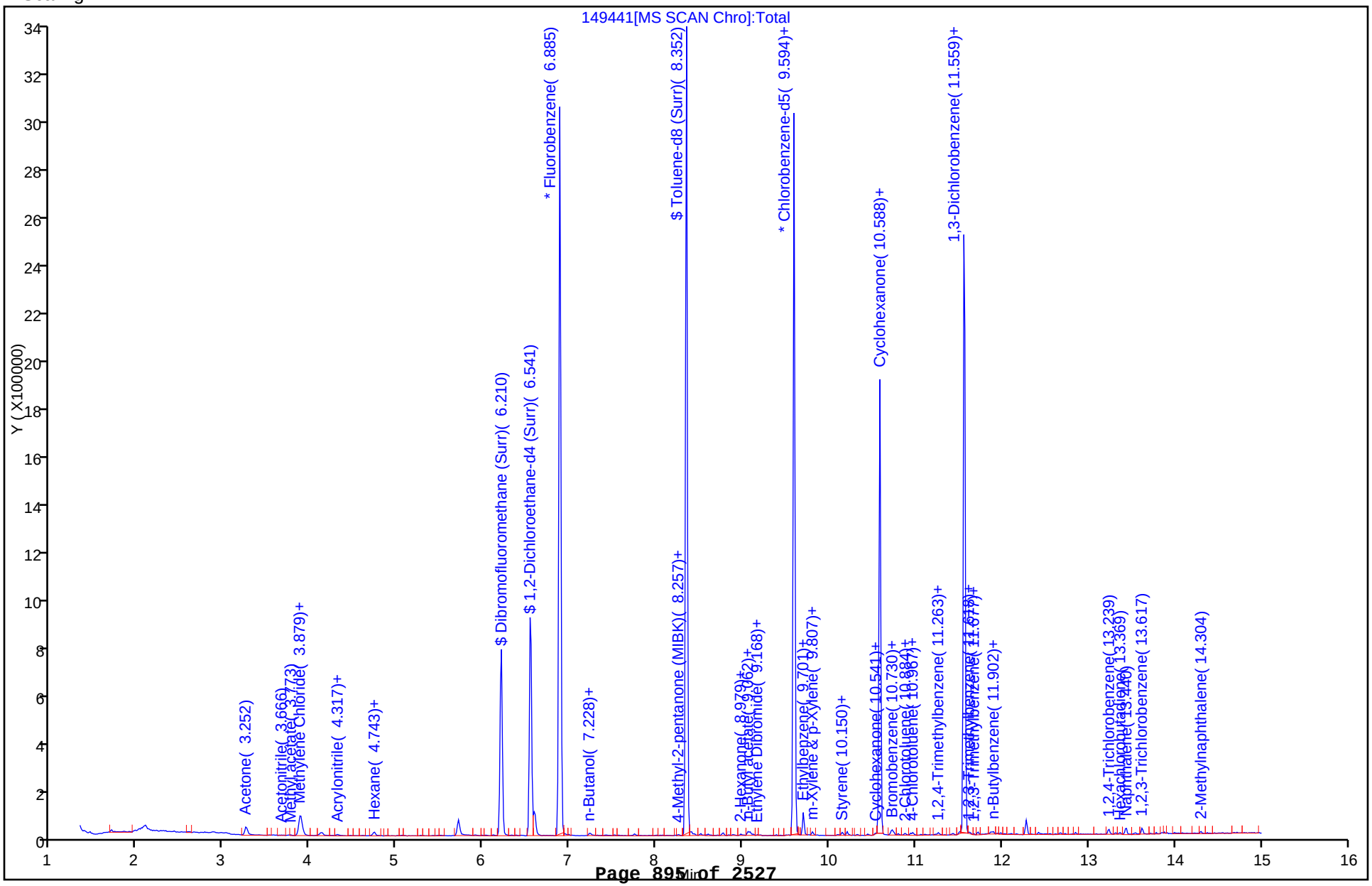
Report Date: 27-Nov-2012 09:28:03 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149441.D

Injection Date:	26-Nov-2012 14:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



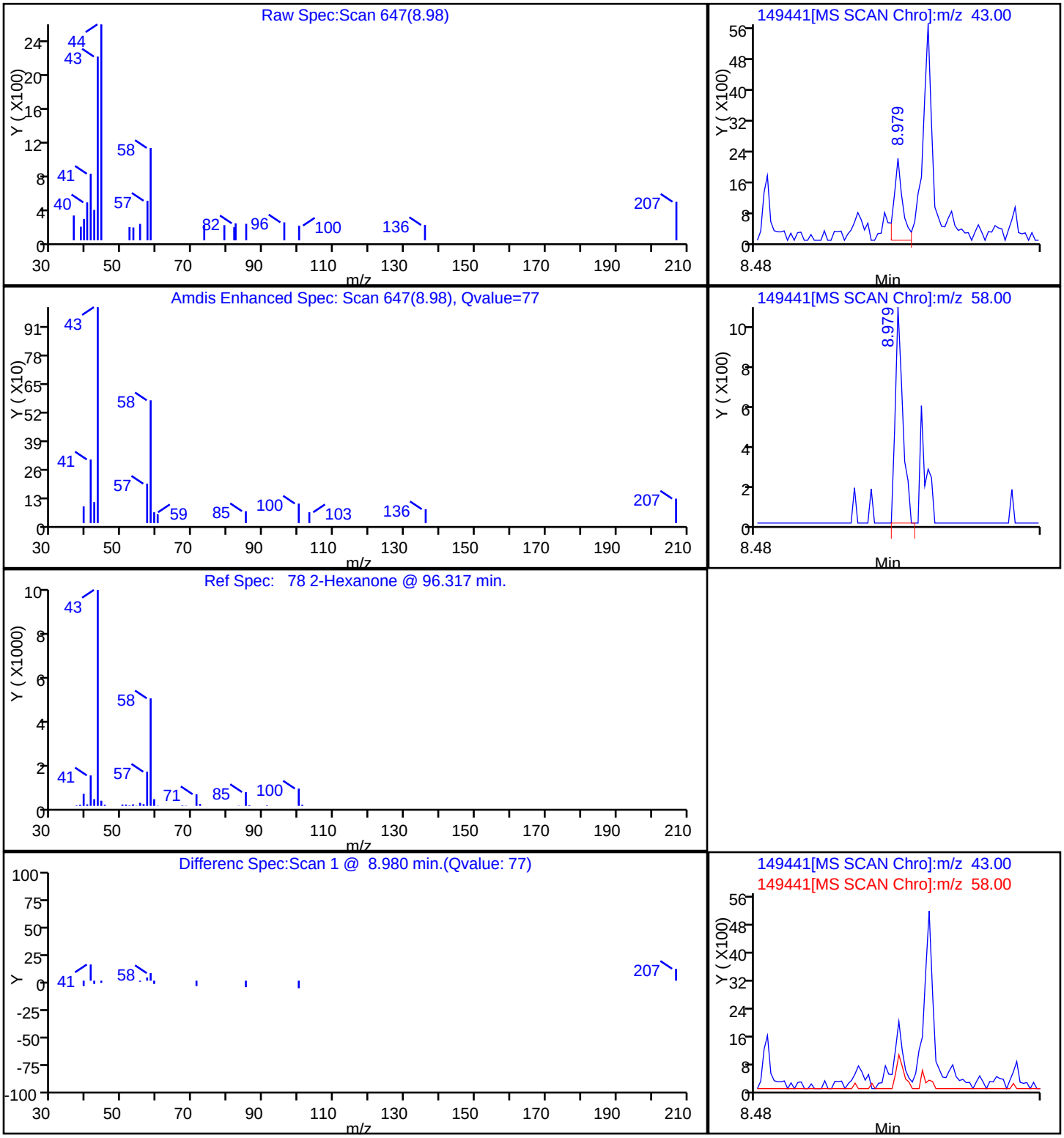
Report Date: 27-Nov-2012 09:28:03 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149441.D

Injection Date:	26-Nov-2012 14:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

78 2-Hexanone



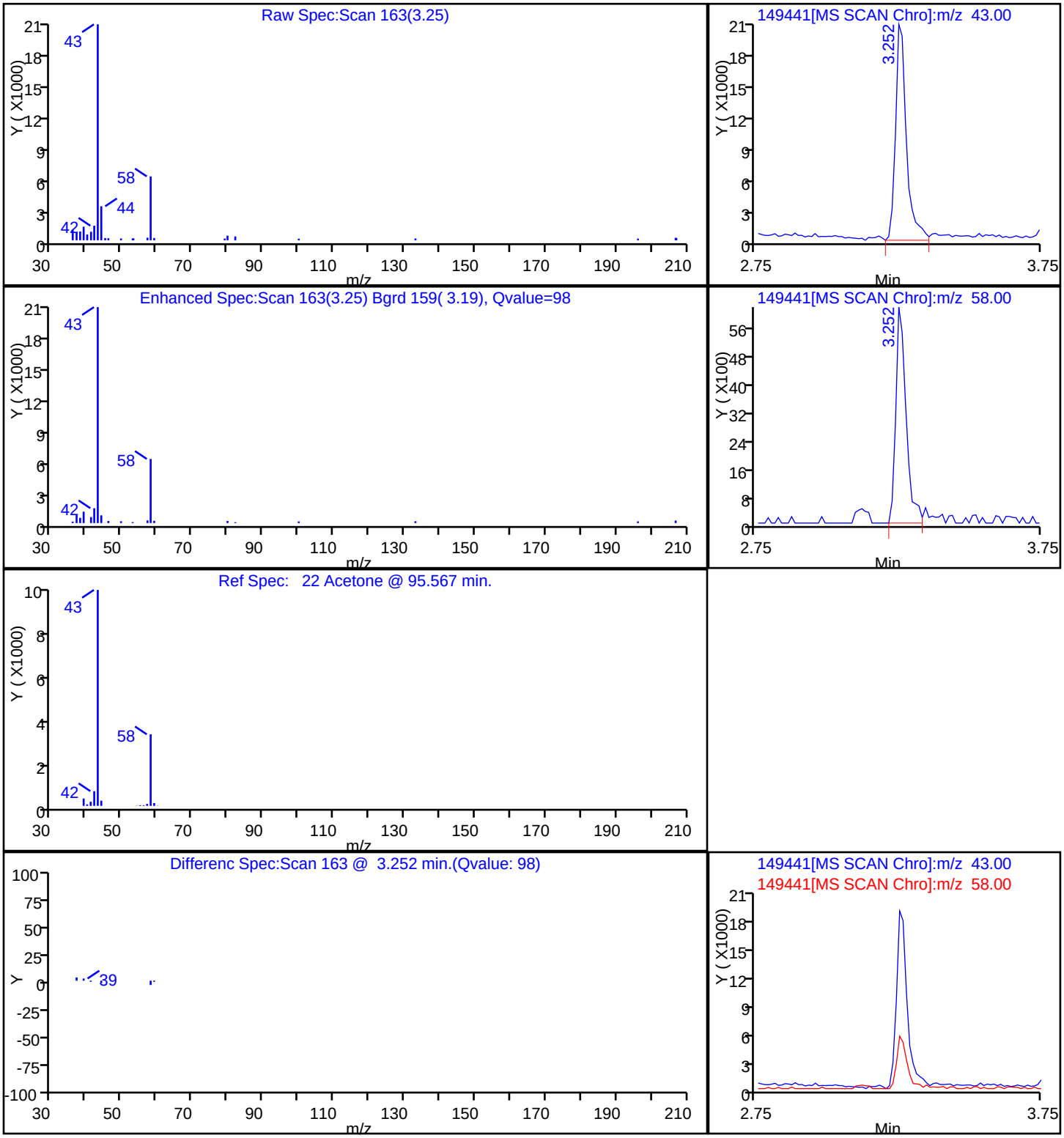
Report Date: 27-Nov-2012 09:28:03 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149441.D

Injection Date:	26-Nov-2012 14:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65921/2-A

Matrix: Solid | Lab File ID: 149411.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5.00(g) | Date Analyzed: 11/25/2012 11:26

Soil Aliquot Vol: 100 (uL) | Dilution Factor: 1

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	430		250	21	21
79-34-5	1,1,2,2-Tetrachloroethane	475		250	25	8.9
79-00-5	1,1,2-Trichloroethane	510		250	25	12
75-34-3	1,1-Dichloroethane	490		250	25	17
75-35-4	1,1-Dichloroethene	448		250	25	18
107-06-2	1,2-Dichloroethane	492		250	25	10
540-59-0	1,2-Dichloroethene, Total	925		500	8.2	8.2
78-87-5	1,2-Dichloropropane	494		250	10	8.2
78-93-3	2-Butanone (MEK)	972	J	1000	100	43
591-78-6	2-Hexanone	922	J	1000	50	20
108-10-1	4-Methyl-2-pentanone (MIBK)	956	J	1000	100	48
67-64-1	Acetone	953	J	1000	200	170
71-43-2	Benzene	484		250	25	12
75-25-2	Bromoform	471		250	25	19
74-83-9	Bromomethane	299		250	50	29
75-15-0	Carbon disulfide	372		250	25	12
56-23-5	Carbon tetrachloride	474		250	10	6.4
108-90-7	Chlorobenzene	494		250	10	6.4
75-27-4	Bromodichloromethane	470		250	25	9.9
74-87-3	Chloromethane	317		250	25	14
10061-01-5	cis-1,3-Dichloropropene	464		250	10	7.9
124-48-1	Dibromochloromethane	455		250	25	12
100-41-4	Ethylbenzene	517		250	10	5.4
1634-04-4	Methyl tert-butyl ether	455		250	10	7.1
75-09-2	Methylene Chloride	439		250	100	77
100-42-5	Styrene	494		250	10	5.6
127-18-4	Tetrachloroethene	515		250	25	12
108-88-3	Toluene	522		250	25	17
67-66-3	Chloroform	480		250	25	8.8
74-97-5	Bromochloromethane	458		250	25	13
106-93-4	1,2-Dibromoethane	473		250	25	10
10061-02-6	trans-1,3-Dichloropropene	472		250	25	20
79-01-6	Trichloroethene	532		250	25	9.7
75-01-4	Vinyl chloride	326		250	25	18
75-00-3	Chloroethane	381		250	100	61
1330-20-7	Xylenes, Total	1520		500	30	8.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-65921/2-A

Matrix: Solid Lab File ID: 149411.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5.00(g) Date Analyzed: 11/25/2012 11:26

Soil Aliquot Vol: 100 (uL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		61-130
2037-26-5	Toluene-d8 (Surr)	87		85-115
460-00-4	4-Bromofluorobenzene (Surr)	86		85-120
1868-53-7	Dibromofluoromethane (Surr)	84		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149411.D
Lims ID: LCS 240-65921/2-A Client ID:
Inject. Date: 25-Nov-2012 11:26:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: lcs 240-65921/2-a
Misc. Info.: 240-0015237-012 =240-0015237-012
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 11
Lims Batch ID: 66175 Lims Sample ID: 12
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:11:42

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2323396	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	1367291	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.559	0.012	98	680930	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	79	487495	42.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	91	645762	45.1	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1862500	43.6	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	91	583441	43.0	
12 Dichlorodifluoromethane	85	1.430	1.430	0.0	86	57726	4.49	
13 Chloromethane	50	1.607	1.607	0.0	88	145879	6.33	
14 Vinyl chloride	62	1.726	1.737	-0.011	83	112614	6.52	
15 Bromomethane	94	2.069	2.069	0.0	89	29408	5.98	
16 Chloroethane	64	2.187	2.187	0.0	93	65510	7.62	
18 Trichlorofluoromethane	101	2.495	2.506	-0.011	86	92706	6.67	
19 Ethyl ether	59	2.873	2.873	0.0	95	121382	10.6	
20 Acrolein	56	3.027	3.027	0.0	92	35238	20.5	
21 1,1-Dichloroethene	96	3.157	3.145	0.012	82	94301	8.96	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	83	93084	9.49	
22 Acetone	43	3.252	3.252	0.0	98	85605	19.1	
24 Iodomethane	142	3.347	3.347	0.0	100	161258	8.96	
26 Carbon disulfide	76	3.418	3.418	0.0	99	131821	7.44	
27 Acetonitrile	41	3.666	3.666	0.0	100	36231	28.1	
28 Methyl acetate	43	3.761	3.761	0.0	98	110701	10.0	
30 Methylene Chloride	84	3.879	3.879	0.0	87	140613	8.78	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	85	130511	180.5	
32 Acrylonitrile	53	4.293	4.293	0.0	96	136118	27.4	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	113098	9.11	
34 Methyl tert-butyl ether	73	4.353	4.352	0.001	86	244927	9.10	
35 Hexane	86	4.731	4.743	-0.012	95	31907	9.53	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	267602	9.80	
37 Vinyl acetate	86	5.039	5.039	0.0	96	11870	8.50	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	5.062	5.062	0.0	98	100607	8.56	
43 2,2-Dichloropropane	77	5.642	5.642	0.0	66	82130	8.81	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	125202	9.38	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	110535	19.4	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	56017	9.16	
48 Tetrahydrofuran	42	5.985	5.973	0.012	91	33067	8.92	
49 Chloroform	83	6.033	6.033	0.0	83	203878	9.61	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	86	137391	8.59	
51 Cyclohexane	56	6.258	6.257	0.001	91	305329	8.80	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	167627	9.80	
53 Carbon tetrachloride	117	6.388	6.388	0.0	58	123157	9.48	
54 Isobutyl alcohol	41	6.589	6.589	0.0	89	180965	536.6	
55 Benzene	78	6.601	6.601	0.0	94	464415	9.69	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	82	194456	9.85	
60 Trichloroethene	130	7.240	7.240	0.0	91	145204	10.6	
63 Methylcyclohexane	83	7.417	7.417	0.0	96	225211	9.39	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	90	139466	9.88	
65 Dibromomethane	93	7.559	7.559	0.0	87	54039	9.66	
67 Dichlorobromomethane	83	7.713	7.713	0.0	90	95189	9.39	
69 2-Chloroethyl vinyl ether	63	7.985	7.985	0.0	87	47403	8.89	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	83	109471	9.28	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	195121	19.1	
72 Toluene	91	8.411	8.411	0.0	91	493149	10.4	
73 trans-1,3-Dichloropropene	75	8.601	8.600	0.001	89	83974	9.44	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	72506	10.2	
77 Tetrachloroethene	164	8.885	8.884	0.001	89	107971	10.3	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	125878	9.89	
78 2-Hexanone	43	8.979	8.979	0.0	98	111095	18.4	
79 Chlorodibromomethane	129	9.098	9.109	-0.011	85	51726	9.10	
123 Ethylene Dibromide	107	9.204	9.204	0.0	96	66252	9.46	
82 Chlorobenzene	112	9.618	9.618	0.0	91	300140	9.89	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	84	86436	8.75	
84 Ethylbenzene	106	9.713	9.713	0.0	98	164824	10.3	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	97	393922	20.2	
85 o-Xylene	106	10.151	10.150	0.001	94	193758	10.3	
86 Styrene	104	10.151	10.150	0.001	90	266065	9.88	
87 Bromoform	173	10.316	10.316	0.0	94	22809	9.42	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	499980	10.3	
89 Cyclohexanone	55	10.541	10.541	0.0	87	73085	37.2	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	80	72611	9.50	
91 Bromobenzene	156	10.719	10.718	0.001	91	112764	9.46	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	78	26097	10.3	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.742	0.0	60	50168	16.6	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	142080	10.5	
95 2-Chlorotoluene	126	10.884	10.884	0.0	96	116548	9.42	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	96	392066	9.76	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	116047	9.65	
97 tert-Butylbenzene	119	11.227	11.227	0.0	82	388000	10.1	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	394187	9.94	
99 sec-Butylbenzene	105	11.405	11.405	0.0	96	510127	10.1	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	217675	9.30	
101 4-Isopropyltoluene	119	11.523	11.523	0.0	89	465054	10.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	92	225710	9.47	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	88	389080	9.54	
105 n-Butylbenzene	91	11.866	11.878	-0.012	95	369897	10.1	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	208270	9.49	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	65	9830	10.0	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	139235	9.29	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	93	79333	10.8	
111 Naphthalene	128	13.440	13.440	0.0	97	257525	9.05	
112 1,2,3-Trichlorobenzene	180	13.618	13.618	0.0	95	120836	10.2	
S 137 Trihalomethanes, Total	1				0		37.5	
S 11 1,2-Dichloroethene, Total	96				0		18.5	
S 114 Xylenes, Total	106				0		30.5	

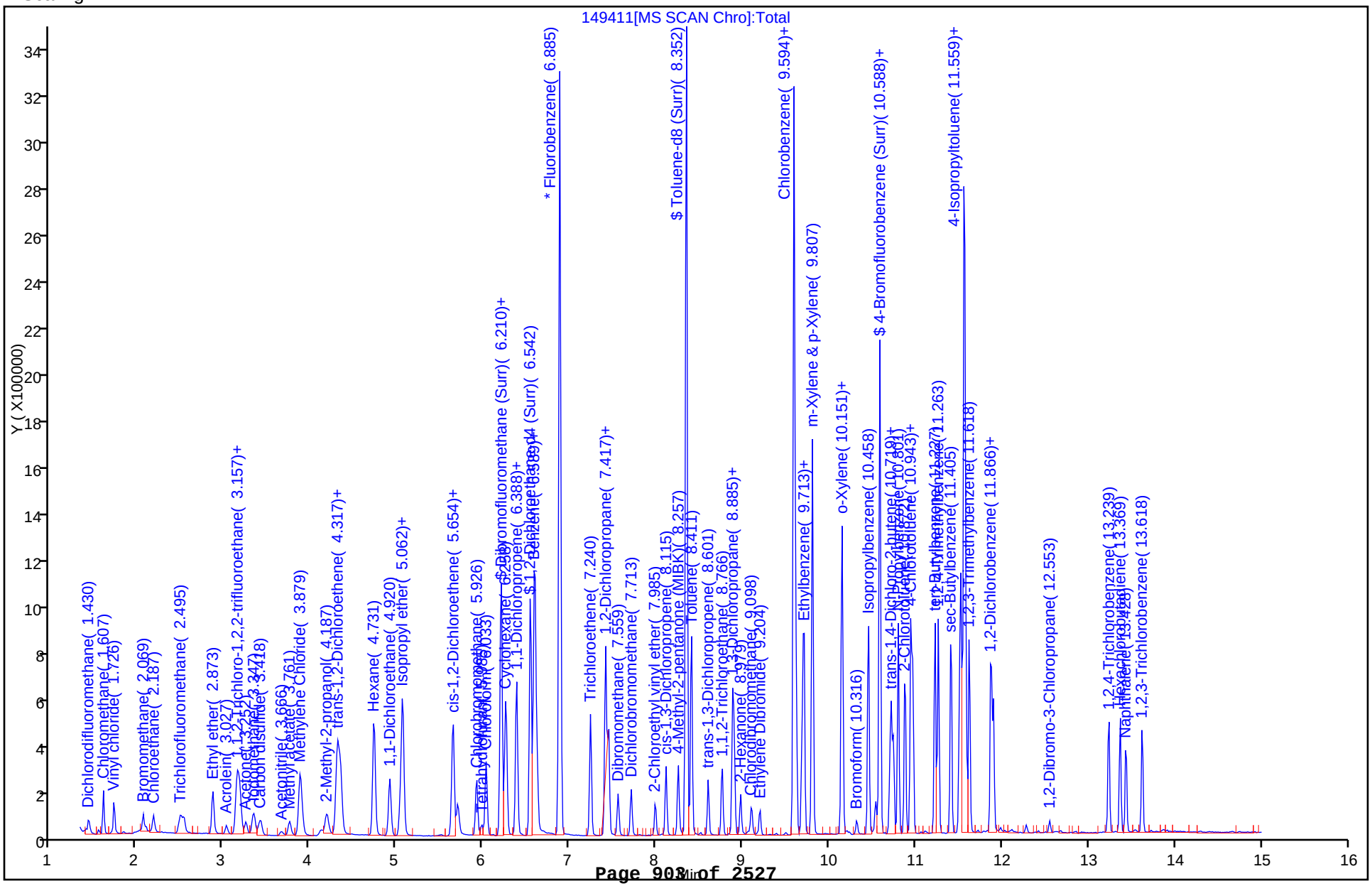
Report Date: 27-Nov-2012 11:11:57 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149411.D

Injection Date:	25-Nov-2012 11:26:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	12
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65929/4

Matrix: Water | Lab File ID: UXX1130.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2012 11:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 65929 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	9.78		1.0	0.25	0.22
79-34-5	1,1,2,2-Tetrachloroethane	9.31		1.0	0.25	0.18
79-00-5	1,1,2-Trichloroethane	9.60		1.0	0.50	0.27
75-34-3	1,1-Dichloroethane	10.3		1.0	0.25	0.15
75-35-4	1,1-Dichloroethene	10.4		1.0	0.25	0.19
107-06-2	1,2-Dichloroethane	10.1		1.0	0.25	0.22
540-59-0	1,2-Dichloroethene, Total	19.6		2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	9.37		1.0	0.25	0.18
78-93-3	2-Butanone (MEK)	18.6		10	0.57	0.57
591-78-6	2-Hexanone	18.6		10	0.50	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	18.4		10	0.50	0.32
67-64-1	Acetone	21.0		10	1.1	1.1
71-43-2	Benzene	9.60		1.0	0.25	0.13
75-25-2	Bromoform	8.33		1.0	0.64	0.64
74-83-9	Bromomethane	6.91		1.0	0.50	0.41
75-15-0	Carbon disulfide	10.5		1.0	0.25	0.13
56-23-5	Carbon tetrachloride	9.85		1.0	0.25	0.13
108-90-7	Chlorobenzene	9.16		1.0	0.25	0.15
75-27-4	Bromodichloromethane	9.51		1.0	0.25	0.15
74-87-3	Chloromethane	9.01		1.0	0.50	0.30
10061-01-5	cis-1,3-Dichloropropene	8.52		1.0	0.25	0.14
124-48-1	Dibromochloromethane	8.97		1.0	0.25	0.18
100-41-4	Ethylbenzene	9.67		1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	9.10		1.0	0.25	0.17
75-09-2	Methylene Chloride	10.5		1.0	0.50	0.33
100-42-5	Styrene	9.45		1.0	0.25	0.11
127-18-4	Tetrachloroethene	9.55		1.0	0.50	0.29
108-88-3	Toluene	9.91		1.0	0.25	0.13
67-66-3	Chloroform	9.35		1.0	0.25	0.16
74-97-5	Bromochloromethane	9.26		1.0	0.50	0.29
106-93-4	1,2-Dibromoethane	9.22		1.0	0.25	0.24
10061-02-6	trans-1,3-Dichloropropene	9.06		1.0	0.25	0.19
79-01-6	Trichloroethene	8.89		1.0	0.25	0.17
75-01-4	Vinyl chloride	9.88		1.0	0.25	0.22
75-00-3	Chloroethane	7.19		1.0	0.50	0.29
1330-20-7	Xylenes, Total	28.9		2.0	0.75	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-65929/4

Matrix: Water Lab File ID: UXX1130.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2012 11:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65929 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-120
2037-26-5	Toluene-d8 (Surr)	102		85-120
460-00-4	4-Bromofluorobenzene (Surr)	94		75-120
1868-53-7	Dibromofluoromethane (Surr)	96		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1130.D
Lims ID: LCS Client ID:
Inject. Date: 21-Nov-2012 11:14:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015165-004
Misc. Info.: P21121A,8260LLUX10,,1904 =P21121A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 65929 Lims Sample ID: 4
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121121-15165.b\8260_10.m
Last Update: 23-Nov-2012 08:56:27 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: quayler Date: 21-Nov-2012 11:49:29

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.205	5.206	-0.001	99	2006611	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.881	-0.002	84	1273857	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.129	-0.002	90	669835	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.637	4.626	0.011	59	528456	9.62	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.921	4.922	-0.001	0	653602	10.1	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	89	2035216	10.2	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	87	621570	9.37	
12 Dichlorodifluoromethane	85	1.560	1.562	-0.002	86	450754	11.3	
13 Chloromethane	50	1.702	1.704	-0.002	89	694453	9.01	
14 Vinyl chloride	62	1.797	1.798	-0.001	83	602958	9.88	
16 Bromomethane	94	2.093	2.094	-0.001	89	197182	6.91	
17 Chloroethane	64	2.175	2.177	-0.002	94	212243	7.19	
19 Trichlorofluoromethane	101	2.400	2.402	-0.002	97	433620	9.79	
20 Ethyl ether	59	2.601	2.603	-0.002	90	485416	9.58	
21 Acrolein	56	2.708	2.710	-0.002	87	173773	24.5	
23 1,1-Dichloroethene	96	2.814	2.804	0.010	90	510964	10.4	
24 Acetone	43	2.826	2.828	-0.002	93	327338	21.0	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.838	2.840	-0.002	90	373952	10.1	
26 Iodomethane	142	2.945	2.934	0.011	97	818526	9.80	
27 Carbon disulfide	76	3.004	3.005	-0.001	98	1640236	10.5	
28 Acetonitrile	41	3.051	3.053	-0.002	79	130475	18.5	
30 Methyl acetate	43	3.098	3.100	-0.002	89	438282	9.34	
31 Methylene Chloride	84	3.193	3.195	-0.002	91	724157	10.5	
32 2-Methyl-2-propanol	59	3.264	3.266	-0.002	93	553512	136.4	
33 Acrylonitrile	53	3.382	3.384	-0.002	99	646074	27.5	
34 trans-1,2-Dichloroethene	96	3.430	3.431	-0.001	67	606273	10.1	
35 Methyl tert-butyl ether	73	3.430	3.431	-0.001	90	1589468	9.10	
36 Hexane	86	3.666	3.668	-0.002	93	93341	9.73	
37 1,1-Dichloroethane	63	3.773	3.775	-0.002	97	1052307	10.3	
38 Vinyl acetate	86	3.797	3.798	-0.001	97	112398	10.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
39 Isopropyl ether	87	3.820	3.822	-0.002	95	528856	9.12	
42 2-Butanone (MEK)	43	4.246	4.236	0.010	66	490423	18.6	
43 cis-1,2-Dichloroethene	96	4.246	4.248	-0.002	82	632304	9.45	
44 2,2-Dichloropropane	77	4.258	4.260	-0.002	89	493194	8.40	
48 Chlorobromomethane	128	4.447	4.437	0.010	95	300484	9.26	
50 Chloroform	83	4.495	4.496	-0.001	94	965676	9.35	
49 Tetrahydrofuran	42	4.495	4.496	-0.001	86	145820	7.21	
51 1,1,1-Trichloroethane	97	4.672	4.674	-0.002	88	691808	9.78	
52 Cyclohexane	56	4.743	4.745	-0.002	89	760744	9.49	
53 1,1-Dichloropropene	75	4.814	4.816	-0.002	93	696596	9.59	
54 Carbon tetrachloride	117	4.826	4.828	-0.002	86	562274	9.85	
55 Isobutyl alcohol	41	4.850	4.851	-0.001	92	769030	456.9	
56 1,2-Dichloroethane	62	4.980	4.981	-0.001	52	749292	10.1	
57 Benzene	78	4.980	4.981	-0.001	94	2423190	9.60	
61 Trichloroethene	130	5.524	5.526	-0.002	98	553570	8.89	
63 Methylcyclohexane	83	5.702	5.703	-0.001	87	612271	9.26	
64 1,2-Dichloropropane	63	5.702	5.703	-0.001	87	548757	9.37	
66 Dibromomethane	93	5.808	5.798	0.010	89	325003	9.58	
68 Dichlorobromomethane	83	5.926	5.928	-0.002	99	661485	9.51	
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	91	259825	7.82	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	91	732196	8.52	
72 4-Methyl-2-pentanone (MIBK)	43	6.447	6.437	0.010	96	935181	18.4	
73 Toluene	91	6.625	6.626	-0.001	98	2379621	9.91	
74 trans-1,3-Dichloropropene	75	6.802	6.804	-0.002	93	616589	9.06	
76 1,1,2-Trichloroethane	97	6.968	6.969	-0.001	85	467199	9.60	
77 1,3-Dichloropropane	76	7.122	7.123	-0.001	91	816782	9.53	
78 Tetrachloroethene	164	7.133	7.135	-0.002	96	413877	9.55	
79 2-Hexanone	43	7.181	7.182	-0.001	97	546153	18.6	
81 Chlorodibromomethane	129	7.335	7.336	-0.001	91	423428	8.97	
83 Ethylene Dibromide	107	7.453	7.455	-0.002	97	435068	9.22	
85 Chlorobenzene	112	7.914	7.904	0.010	97	1391684	9.16	
86 1,1,1,2-Tetrachloroethane	131	7.974	7.975	-0.001	84	499963	9.48	
87 Ethylbenzene	106	8.009	8.011	-0.002	97	734533	9.67	
88 m-Xylene & p-Xylene	106	8.116	8.117	-0.001	99	1834418	19.0	
89 o-Xylene	106	8.494	8.496	-0.002	90	930984	9.85	
90 Styrene	104	8.506	8.508	-0.002	93	1432750	9.45	
91 Bromoform	173	8.684	8.685	-0.001	98	238085	8.33	
92 Isopropylbenzene	105	8.849	8.851	-0.002	95	2001278	9.42	
94 Cyclohexanone	55	8.932	8.934	-0.002	81	644163	87.0	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.111	-0.002	86	581026	9.31	
96 Bromobenzene	156	9.145	9.147	-0.002	91	541489	8.68	
97 1,2,3-Trichloropropane	110	9.157	9.158	-0.001	72	193050	9.57	
98 trans-1,4-Dichloro-2-butene	53	9.169	9.170	-0.001	70	194363	14.3	
99 N-Propylbenzene	120	9.240	9.241	-0.001	98	527018	9.57	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	97	519953	9.39	
101 1,3,5-Trimethylbenzene	105	9.417	9.419	-0.002	93	1645989	9.69	
102 4-Chlorotoluene	126	9.441	9.431	0.010	98	522174	8.85	
103 tert-Butylbenzene	119	9.737	9.738	-0.001	90	1259654	9.03	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	86	1725040	9.82	
105 sec-Butylbenzene	105	9.950	9.951	-0.001	92	1612865	9.08	
106 1,3-Dichlorobenzene	146	10.068	10.070	-0.002	89	946530	8.47	
107 4-Isopropyltoluene	119	10.092	10.093	-0.001	91	1426237	9.55	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
108 1,4-Dichlorobenzene	146	10.151	10.152	-0.001	94	1005589	8.35	
109 1,2,3-Trimethylbenzene	105	10.198	10.200	-0.002	95	1813184	9.87	
110 n-Butylbenzene	91	10.494	10.496	-0.002	96	1064600	9.01	
111 1,2-Dichlorobenzene	146	10.518	10.519	-0.001	97	983434	8.79	
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.288	-0.001	78	89292	8.48	
114 1,2,4-Trichlorobenzene	180	12.127	12.128	-0.001	91	400737	7.05	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	95	160368	6.94	
116 Naphthalene	128	12.375	12.377	-0.002	100	1092882	6.31	
117 1,2,3-Trichlorobenzene	180	12.624	12.625	-0.001	98	400879	6.53	
S 119 Trihalomethanes, Total	1				0		36.2	
S 120 1,2-Dichloroethene, Total	96				0		19.5	
S 122 Xylenes, Total	106				0		28.9	

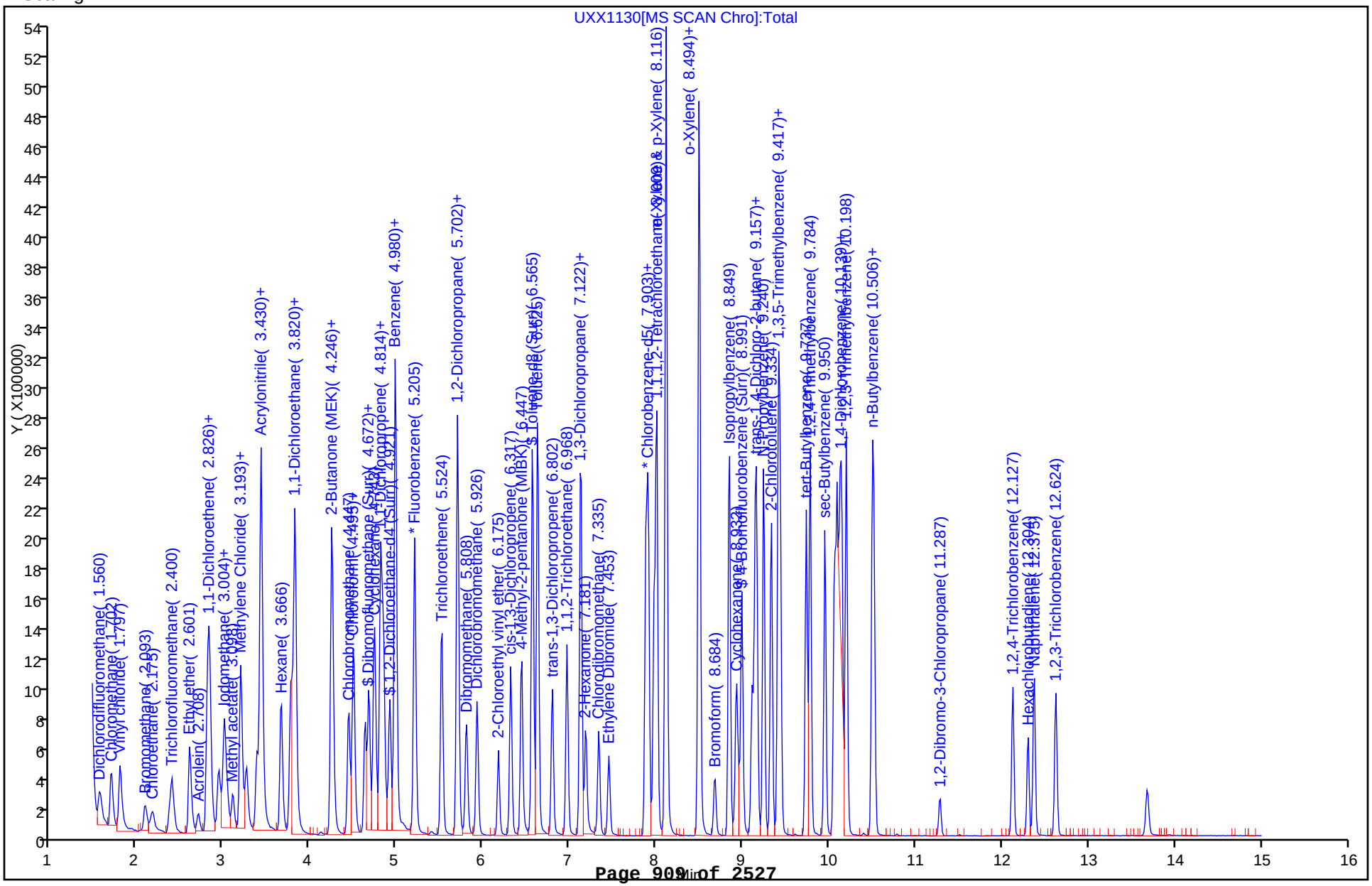
Report Date: 23-Nov-2012 08:56:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1130.D

Injection Date:	21-Nov-2012 11:14:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	65929	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-66063/16

Matrix: Solid | Lab File ID: 149382.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/23/2012 14:51

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.: 66063 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	52.6		5.0	1.0	0.56
79-34-5	1,1,2,2-Tetrachloroethane	52.0		5.0	0.50	0.34
79-00-5	1,1,2-Trichloroethane	52.1		5.0	0.50	0.39
75-34-3	1,1-Dichloroethane	53.0		5.0	0.50	0.36
75-35-4	1,1-Dichloroethene	52.1		5.0	1.0	0.52
107-06-2	1,2-Dichloroethane	50.9		5.0	0.50	0.34
540-59-0	1,2-Dichloroethene, Total	104		10	1.0	0.77
78-87-5	1,2-Dichloropropane	52.9		5.0	1.0	0.69
78-93-3	2-Butanone (MEK)	105		20	2.0	1.4
591-78-6	2-Hexanone	107		20	1.0	0.63
108-10-1	4-Methyl-2-pentanone (MIBK)	107		20	1.0	0.54
67-64-1	Acetone	141		20	6.3	6.3
71-43-2	Benzene	50.8		5.0	0.50	0.23
75-25-2	Bromoform	46.7		5.0	0.50	0.33
74-83-9	Bromomethane	42.1		5.0	1.0	0.54
75-15-0	Carbon disulfide	46.0		5.0	0.50	0.44
56-23-5	Carbon tetrachloride	48.6		5.0	0.50	0.37
108-90-7	Chlorobenzene	49.0		5.0	0.50	0.33
75-27-4	Bromodichloromethane	47.6		5.0	0.50	0.28
74-87-3	Chloromethane	46.2		5.0	0.50	0.41
10061-01-5	cis-1,3-Dichloropropene	44.9		5.0	0.50	0.34
124-48-1	Dibromochloromethane	43.6		5.0	1.0	0.55
100-41-4	Ethylbenzene	51.6		5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	50.6		5.0	0.50	0.43
75-09-2	Methylene Chloride	50.3		5.0	1.0	0.67
100-42-5	Styrene	53.1		5.0	0.50	0.15
127-18-4	Tetrachloroethene	51.3		5.0	1.0	0.52
108-88-3	Toluene	50.0		5.0	0.50	0.27
67-66-3	Chloroform	51.0		5.0	0.50	0.29
74-97-5	Bromochloromethane	50.9		5.0	1.0	0.71
106-93-4	1,2-Dibromoethane	51.8		5.0	1.0	0.50
10061-02-6	trans-1,3-Dichloropropene	45.5		5.0	1.0	0.54
79-01-6	Trichloroethene	53.7		5.0	0.50	0.42
75-01-4	Vinyl chloride	46.1		5.0	0.50	0.39
75-00-3	Chloroethane	46.0		5.0	1.0	0.86
1330-20-7	Xylenes, Total	154		10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-66063/16

Matrix: Solid Lab File ID: 149382.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/23/2012 14:51

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.: 66063 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		61-130
2037-26-5	Toluene-d8 (Surr)	93		85-115
460-00-4	4-Bromofluorobenzene (Surr)	92		85-120
1868-53-7	Dibromofluoromethane (Surr)	92		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149382.D
Lims ID: LCS Client ID:
Inject. Date: 23-Nov-2012 14:51:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: lcs
Misc. Info.: 240-0015202-016 =240-0015202-016
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 15
Lims Batch ID: 66063 Lims Sample ID: 16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:57:02 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks Date: 23-Nov-2012 15:10:25

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2128407	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	1270996	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	608689	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	89	485762	46.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	97	605984	46.3	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	94	1835572	46.3	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	84	555308	45.8	
12 Dichlorodifluoromethane	85	1.441	1.442	-0.001	87	501438	42.6	
13 Chloromethane	50	1.607	1.607	0.0	89	976052	46.2	
14 Vinyl chloride	62	1.737	1.737	0.0	83	728794	46.1	
15 Bromomethane	94	2.069	2.069	0.0	91	189694	42.1	
16 Chloroethane	64	2.187	2.187	0.0	94	362275	46.0	
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	86	638507	50.1	
19 Ethyl ether	59	2.873	2.873	0.0	95	605303	57.7	
20 Acrolein	56	3.039	3.039	0.0	91	195581	124.3	
21 1,1-Dichloroethene	96	3.157	3.157	0.0	82	502629	52.1	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.193	0.0	83	498051	55.4	
22 Acetone	43	3.264	3.264	0.0	97	451351	140.7	
24 Iodomethane	142	3.347	3.347	0.0	99	897204	54.4	
26 Carbon disulfide	76	3.429	3.430	-0.001	98	1145994	46.0	
27 Acetonitrile	41	3.666	3.666	0.0	99	180566	152.9	
28 Methyl acetate	43	3.761	3.761	0.0	98	493142	48.8	
30 Methylene Chloride	84	3.891	3.891	0.0	87	553342	50.3	
31 2-Methyl-2-propanol	59	4.199	4.199	0.0	90	630859	952.2	
32 Acrylonitrile	53	4.305	4.305	0.0	96	693569	152.1	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	86	596594	52.5	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	87	1247437	50.6	
35 Hexane	86	4.743	4.743	0.0	95	168523	54.9	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	1326785	53.0	
37 Vinyl acetate	86	5.039	5.039	0.0	96	72991	57.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	5.074	5.074	0.0	98	487231	45.2	
43 2,2-Dichloropropane	77	5.642	5.642	0.0	72	446621	52.3	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	78	625072	51.1	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	546684	105.0	
47 Chlorobromomethane	128	5.926	5.926	0.0	85	285334	50.9	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	170196	50.1	
49 Chloroform	83	6.033	6.033	0.0	84	991623	51.0	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	88	770568	52.6	
51 Cyclohexane	56	6.269	6.269	0.0	91	1610760	50.7	
53 Carbon tetrachloride	117	6.388	6.388	0.0	66	711974	48.6	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	820713	52.4	
54 Isobutyl alcohol	41	6.589	6.589	0.0	93	849235	2748.8	
55 Benzene	78	6.601	6.601	0.0	95	2231321	50.8	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	921106	50.9	
60 Trichloroethene	130	7.240	7.240	0.0	89	671926	53.7	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	1110275	50.5	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	91	683930	52.9	
65 Dibromomethane	93	7.559	7.559	0.0	93	269886	52.7	
67 Dichlorobromomethane	83	7.713	7.713	0.0	90	582936	47.6	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	243179	49.8	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	81	653163	44.9	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	1017142	107.2	
72 Toluene	91	8.411	8.411	0.0	91	2196565	50.0	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	90	513435	45.5	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	344618	52.1	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	499148	51.3	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	591146	49.9	
78 2-Hexanone	43	8.979	8.979	0.0	99	601211	107.4	
79 Chlorodibromomethane	129	9.109	9.109	0.0	86	343392	43.6	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	337245	51.8	
82 Chlorobenzene	112	9.618	9.618	0.0	90	1383578	49.0	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	477994	52.0	
84 Ethylbenzene	106	9.713	9.713	0.0	98	765309	51.6	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	1838987	101.6	
85 o-Xylene	106	10.150	10.151	-0.001	95	904000	51.6	
86 Styrene	104	10.162	10.162	0.0	94	1329017	53.1	
87 Bromoform	173	10.316	10.328	-0.012	97	161279	46.7	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	2433722	53.8	
89 Cyclohexanone	55	10.541	10.541	0.0	90	1817674	996.0	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	85	355214	52.0	
91 Bromobenzene	156	10.718	10.719	-0.001	92	539204	50.6	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	75	118431	52.3	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	83	266146	98.6	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	678934	56.0	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	562941	50.9	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	1924947	53.6	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	546771	50.9	
97 tert-Butylbenzene	119	11.227	11.227	0.0	87	1877664	54.7	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1892423	53.4	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	2456322	54.3	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	90	1016313	48.6	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	90	2217375	55.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	91	1001054	47.0	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	88	1786798	49.0	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1780797	54.2	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	929724	47.4	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	74	49453	46.3	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	559121	41.7	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	297778	45.4	
111 Naphthalene	128	13.440	13.440	0.0	97	1085389	42.7	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	94	450610	42.7	
S 137 Trihalomethanes, Total	1				0		188.9	
S 11 1,2-Dichloroethene, Total	96				0		103.6	
S 114 Xylenes, Total	106				0		153.3	

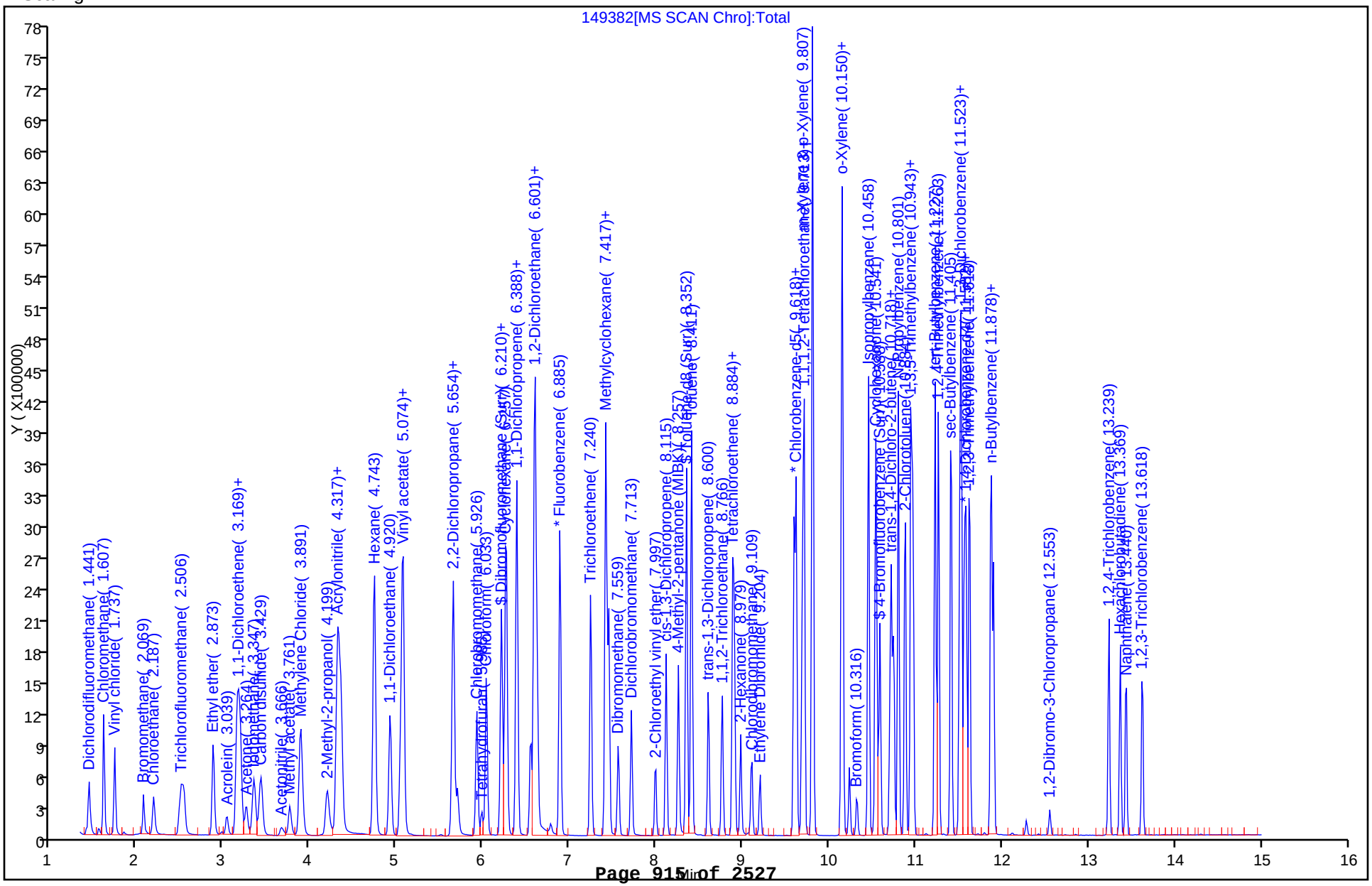
Report Date: 25-Nov-2012 10:57:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149382.D

Injection Date:	23-Nov-2012 14:51:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	16
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-66175/7

Matrix: Solid | Lab File ID: 149406.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/25/2012 09:38

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.: 66175 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	50.9		5.0	1.0	0.56
79-34-5	1,1,2,2-Tetrachloroethane	52.1		5.0	0.50	0.34
79-00-5	1,1,2-Trichloroethane	51.5		5.0	0.50	0.39
75-34-3	1,1-Dichloroethane	53.2		5.0	0.50	0.36
75-35-4	1,1-Dichloroethene	52.1		5.0	1.0	0.52
107-06-2	1,2-Dichloroethane	50.9		5.0	0.50	0.34
540-59-0	1,2-Dichloroethene, Total	103		10	1.0	0.77
78-87-5	1,2-Dichloropropane	52.4		5.0	1.0	0.69
78-93-3	2-Butanone (MEK)	106		20	2.0	1.4
591-78-6	2-Hexanone	105		20	1.0	0.63
108-10-1	4-Methyl-2-pentanone (MIBK)	105		20	1.0	0.54
67-64-1	Acetone	149		20	6.3	6.3
71-43-2	Benzene	51.4		5.0	0.50	0.23
75-25-2	Bromoform	45.4		5.0	0.50	0.33
74-83-9	Bromomethane	38.7		5.0	1.0	0.54
75-15-0	Carbon disulfide	41.9		5.0	0.50	0.44
56-23-5	Carbon tetrachloride	48.2		5.0	0.50	0.37
108-90-7	Chlorobenzene	48.4		5.0	0.50	0.33
75-27-4	Bromodichloromethane	47.7		5.0	0.50	0.28
74-87-3	Chloromethane	41.9		5.0	0.50	0.41
10061-01-5	cis-1,3-Dichloropropene	45.0		5.0	0.50	0.34
124-48-1	Dibromochloromethane	43.7		5.0	1.0	0.55
100-41-4	Ethylbenzene	50.2		5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	50.9		5.0	0.50	0.43
75-09-2	Methylene Chloride	48.6		5.0	1.0	0.67
100-42-5	Styrene	51.8		5.0	0.50	0.15
127-18-4	Tetrachloroethene	49.5		5.0	1.0	0.52
108-88-3	Toluene	50.0		5.0	0.50	0.27
67-66-3	Chloroform	50.7		5.0	0.50	0.29
74-97-5	Bromochloromethane	50.2		5.0	1.0	0.71
106-93-4	1,2-Dibromoethane	50.6		5.0	1.0	0.50
10061-02-6	trans-1,3-Dichloropropene	45.4		5.0	1.0	0.54
79-01-6	Trichloroethene	53.5		5.0	0.50	0.42
75-01-4	Vinyl chloride	42.7		5.0	0.50	0.39
75-00-3	Chloroethane	44.1		5.0	1.0	0.86
1330-20-7	Xylenes, Total	150		10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-66175/7

Matrix: Solid Lab File ID: 149406.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/25/2012 09:38

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.: 66175 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		61-130
2037-26-5	Toluene-d8 (Surr)	93		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\A3UX14\20121125-15237.b\149406.D
Lims ID: LCS Client ID:
Inject. Date: 25-Nov-2012 09:38:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: lcs
Misc. Info.: 240-0015237-007 =240-0015237-007
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 66175 Lims Sample ID: 7
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 25-Nov-2012 09:57:33

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2239748	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	1350981	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.559	0.011	98	615475	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	88	519387	46.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	93	632748	45.9	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1965497	46.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	84	579515	47.3	
12 Dichlorodifluoromethane	85	1.442	1.430	0.012	87	438187	35.4	
13 Chloromethane	50	1.607	1.607	0.0	89	931354	41.9	
14 Vinyl chloride	62	1.737	1.737	0.0	83	711302	42.7	
15 Bromomethane	94	2.069	2.069	0.0	90	183723	38.7	
16 Chloroethane	64	2.187	2.187	0.0	94	365416	44.1	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	86	631504	47.1	
19 Ethyl ether	59	2.873	2.873	0.0	95	624665	56.6	
20 Acrolein	56	3.027	3.027	0.0	91	218809	132.1	
21 1,1-Dichloroethene	96	3.157	3.145	0.012	82	528266	52.1	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.181	0.012	82	507457	53.6	
22 Acetone	43	3.252	3.252	0.0	96	501911	149.1	
24 Iodomethane	142	3.347	3.347	0.0	99	899012	51.8	
26 Carbon disulfide	76	3.429	3.418	0.011	98	1088979	41.9	
27 Acetonitrile	41	3.666	3.666	0.0	98	175424	141.1	
28 Methyl acetate	43	3.761	3.761	0.0	98	524680	49.3	
30 Methylene Chloride	84	3.891	3.879	0.012	87	564403	48.6	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	90	661970	949.5	
32 Acrylonitrile	53	4.305	4.293	0.012	98	711745	148.4	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	87	625558	52.3	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	87	1320468	50.9	
35 Hexane	86	4.743	4.743	0.0	95	173109	53.6	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	1401303	53.2	
37 Vinyl acetate	86	5.039	5.039	0.0	94	75052	55.7	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	5.074	5.062	0.012	99	507786	44.8	
43 2,2-Dichloropropane	77	5.642	5.642	0.0	72	461905	51.4	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	657062	51.0	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	578727	105.6	
47 Chlorobromomethane	128	5.926	5.926	0.0	86	295974	50.2	
48 Tetrahydrofuran	42	5.985	5.973	0.012	93	177747	49.7	
49 Chloroform	83	6.033	6.033	0.0	84	1036823	50.7	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	90	784124	50.9	
51 Cyclohexane	56	6.257	6.257	0.0	91	1658533	49.6	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	862668	52.3	
53 Carbon tetrachloride	117	6.388	6.388	0.0	68	742878	48.2	
54 Isobutyl alcohol	41	6.589	6.589	0.0	92	867322	2667.8	
55 Benzene	78	6.601	6.601	0.0	95	2373289	51.4	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	968457	50.9	
60 Trichloroethene	130	7.240	7.240	0.0	91	704391	53.5	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	1167717	50.5	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	90	712497	52.4	
65 Dibromomethane	93	7.559	7.559	0.0	86	283712	52.6	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	614869	47.7	
69 2-Chloroethyl vinyl ether	63	7.985	7.985	0.0	89	248210	48.3	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	82	689489	45.0	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	1058203	105.0	
72 Toluene	91	8.411	8.411	0.0	91	2334916	50.0	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	90	544471	45.4	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	361661	51.5	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	512562	49.5	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	626823	49.8	
78 2-Hexanone	43	8.979	8.979	0.0	99	627418	105.5	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	365157	43.7	
123 Ethylene Dibromide	107	9.204	9.204	0.0	97	349967	50.6	
82 Chlorobenzene	112	9.618	9.618	0.0	91	1450808	48.4	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	498819	51.1	
84 Ethylbenzene	106	9.713	9.713	0.0	98	791438	50.2	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	1917542	99.7	
85 o-Xylene	106	10.151	10.150	0.001	94	941727	50.6	
86 Styrene	104	10.162	10.150	0.012	94	1377866	51.8	
87 Bromoform	173	10.316	10.316	0.0	97	165922	45.4	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	2497179	52.0	
89 Cyclohexanone	55	10.541	10.541	0.0	88	1818331	937.3	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	82	359734	52.1	
91 Bromobenzene	156	10.719	10.718	0.0	91	548071	50.9	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	80	119528	52.2	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.742	0.0	77	274720	100.6	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	692375	56.5	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	565087	50.5	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	1955298	53.9	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	556498	51.2	
97 tert-Butylbenzene	119	11.227	11.227	0.0	77	1908060	55.0	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1911711	53.3	
99 sec-Butylbenzene	105	11.417	11.405	0.012	94	2486814	54.4	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	1037545	49.0	
101 4-Isopropyltoluene	119	11.523	11.523	0.0	92	2228380	55.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	92	1018644	47.3	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	88	1828414	49.6	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1761366	53.0	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	929909	46.9	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	73	50193	46.4	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	90	552511	40.8	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	93	288313	43.5	
111 Naphthalene	128	13.440	13.440	0.0	97	1039472	40.4	
112 1,2,3-Trichlorobenzene	180	13.629	13.618	0.011	95	436180	40.8	
S 137 Trihalomethanes, Total	1				0		187.4	
S 11 1,2-Dichloroethene, Total	96				0		103.3	
S 114 Xylenes, Total	106				0		150.3	

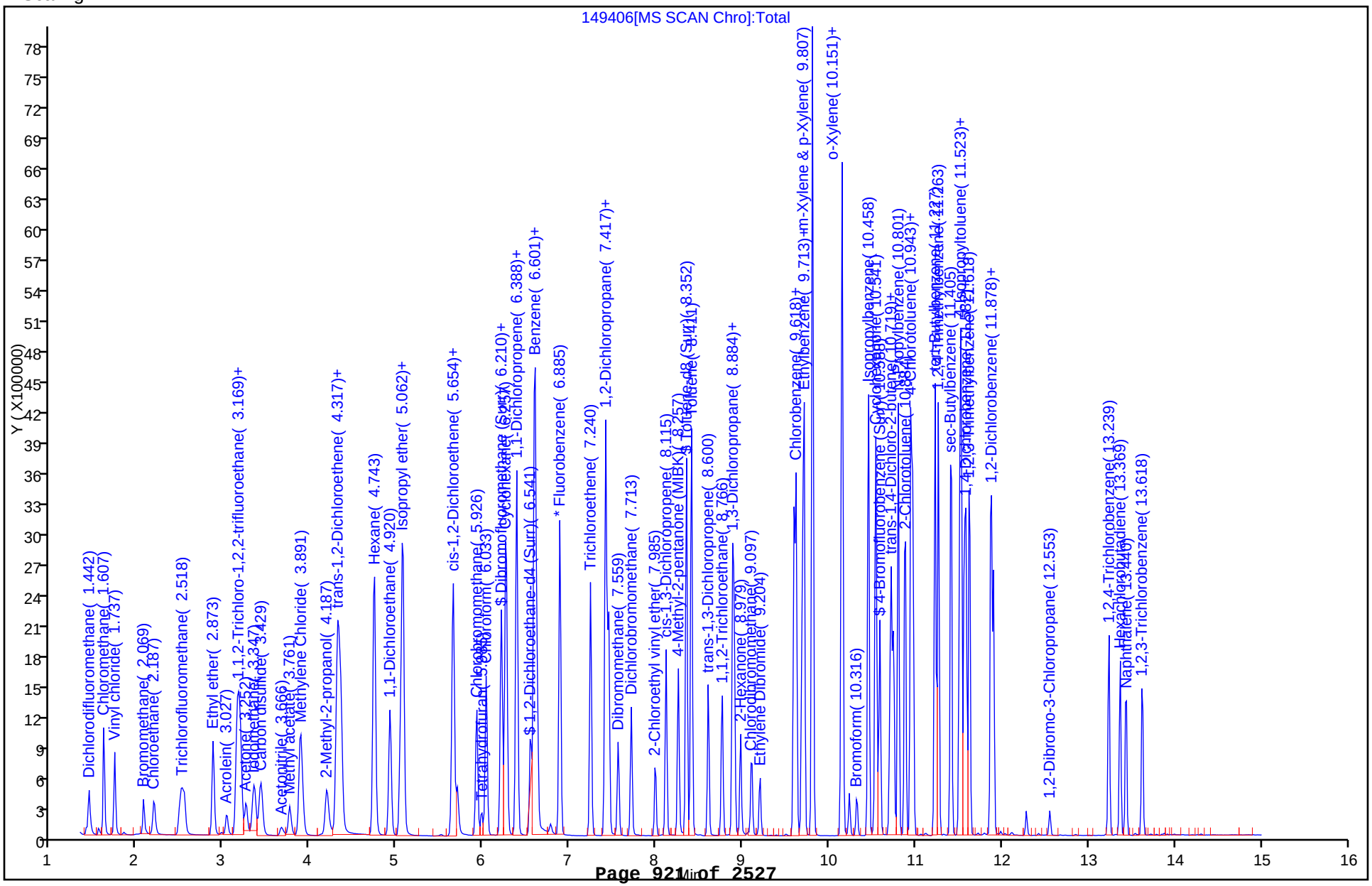
Report Date: 27-Nov-2012 11:11:53 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149406.D

Injection Date:	25-Nov-2012 09:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	7
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-66239/7

Matrix: Solid | Lab File ID: 149440.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/26/2012 13:54

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.: 66239 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	51.0		5.0	1.0	0.56
79-34-5	1,1,2,2-Tetrachloroethane	52.3		5.0	0.50	0.34
79-00-5	1,1,2-Trichloroethane	52.0		5.0	0.50	0.39
75-34-3	1,1-Dichloroethane	53.7		5.0	0.50	0.36
75-35-4	1,1-Dichloroethene	52.4		5.0	1.0	0.52
107-06-2	1,2-Dichloroethane	50.8		5.0	0.50	0.34
540-59-0	1,2-Dichloroethene, Total	103		10	1.0	0.77
78-87-5	1,2-Dichloropropane	53.0		5.0	1.0	0.69
78-93-3	2-Butanone (MEK)	101		20	2.0	1.4
591-78-6	2-Hexanone	105		20	1.0	0.63
108-10-1	4-Methyl-2-pentanone (MIBK)	107		20	1.0	0.54
67-64-1	Acetone	125		20	6.3	6.3
71-43-2	Benzene	51.1		5.0	0.50	0.23
75-25-2	Bromoform	45.8		5.0	0.50	0.33
74-83-9	Bromomethane	37.3		5.0	1.0	0.54
75-15-0	Carbon disulfide	42.1		5.0	0.50	0.44
56-23-5	Carbon tetrachloride	47.9		5.0	0.50	0.37
108-90-7	Chlorobenzene	48.8		5.0	0.50	0.33
75-27-4	Bromodichloromethane	47.6		5.0	0.50	0.28
74-87-3	Chloromethane	43.8		5.0	0.50	0.41
10061-01-5	cis-1,3-Dichloropropene	45.2		5.0	0.50	0.34
124-48-1	Dibromochloromethane	44.3		5.0	1.0	0.55
100-41-4	Ethylbenzene	51.4		5.0	0.50	0.26
1634-04-4	Methyl tert-butyl ether	51.3		5.0	0.50	0.43
75-09-2	Methylene Chloride	51.0		5.0	1.0	0.67
100-42-5	Styrene	52.8		5.0	0.50	0.15
127-18-4	Tetrachloroethene	51.0		5.0	1.0	0.52
108-88-3	Toluene	50.5		5.0	0.50	0.27
67-66-3	Chloroform	50.4		5.0	0.50	0.29
74-97-5	Bromochloromethane	50.7		5.0	1.0	0.71
106-93-4	1,2-Dibromoethane	51.4		5.0	1.0	0.50
10061-02-6	trans-1,3-Dichloropropene	46.0		5.0	1.0	0.54
79-01-6	Trichloroethene	53.1		5.0	0.50	0.42
75-01-4	Vinyl chloride	43.6		5.0	0.50	0.39
75-00-3	Chloroethane	45.8		5.0	1.0	0.86
1330-20-7	Xylenes, Total	152		10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-66239/7

Matrix: Solid | Lab File ID: 149440.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/26/2012 13:54

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.: 66239 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		61-130
2037-26-5	Toluene-d8 (Surr)	93		85-115
460-00-4	4-Bromofluorobenzene (Surr)	90		85-120
1868-53-7	Dibromofluoromethane (Surr)	91		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149440.D
Lims ID: LCS Client ID:
Inject. Date: 26-Nov-2012 13:54:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: lcs
Misc. Info.: 240-0015258-007 =240-0015258-007
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 7
Lims Batch ID: 66239 Lims Sample ID: 7
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121126-15258.b\8260_14.m
Last Update: 27-Nov-2012 09:27:58 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 14:12:32

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2261655	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.595	-0.001	98	1337889	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.559	0.011	99	628756	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	79	512044	45.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	93	630963	45.3	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1937165	46.4	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.589	0.0	84	565434	45.1	
12 Dichlorodifluoromethane	85	1.430	1.430	0.0	87	513081	41.0	
13 Chloromethane	50	1.607	1.607	0.0	89	981769	43.8	
14 Vinyl chloride	62	1.737	1.737	0.0	83	733864	43.6	
15 Bromomethane	94	2.069	2.069	0.0	90	178558	37.3	
16 Chloroethane	64	2.187	2.187	0.0	94	383039	45.8	
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	86	617466	45.6	
19 Ethyl ether	59	2.873	2.873	0.0	95	622886	55.9	
20 Acrolein	56	3.027	3.027	0.0	89	215044	128.6	
21 1,1-Dichloroethene	96	3.157	3.146	0.011	83	537198	52.4	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	508857	53.3	
22 Acetone	43	3.252	3.252	0.0	98	429730	125.4	
24 Iodomethane	142	3.347	3.347	0.0	99	920204	52.5	
26 Carbon disulfide	76	3.418	3.418	0.0	98	1107283	42.1	
27 Acetonitrile	41	3.666	3.654	0.012	99	175428	139.8	
28 Methyl acetate	43	3.761	3.761	0.0	98	513374	47.8	
30 Methylene Chloride	84	3.879	3.879	0.0	87	595862	51.0	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	90	684285	972.0	
32 Acrylonitrile	53	4.293	4.293	0.0	99	704746	145.5	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	86	633642	52.5	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	92	1343509	51.3	
35 Hexane	86	4.743	4.743	0.0	95	170572	52.3	
36 1,1-Dichloroethane	63	4.920	4.921	-0.001	85	1427483	53.7	
37 Vinyl acetate	86	5.039	5.039	0.0	95	73445	54.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	5.062	5.074	-0.012	98	511483	44.7	
43 2,2-Dichloropropane	77	5.642	5.642	0.0	73	484069	53.3	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	660026	50.8	
41 2-Butanone (MEK)	43	5.701	5.702	-0.001	95	557152	100.7	
47 Chlorobromomethane	128	5.926	5.926	0.0	86	301986	50.7	
48 Tetrahydrofuran	42	5.973	5.974	-0.001	91	173048	47.9	
49 Chloroform	83	6.033	6.033	0.0	83	1041332	50.4	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	87	793833	51.0	
51 Cyclohexane	56	6.257	6.258	-0.001	91	1678001	49.7	
53 Carbon tetrachloride	117	6.388	6.388	0.0	69	745987	47.9	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	869202	52.2	
54 Isobutyl alcohol	41	6.577	6.589	-0.012	93	900662	2743.5	
55 Benzene	78	6.601	6.601	0.0	96	2384384	51.1	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	976042	50.8	
60 Trichloroethene	130	7.240	7.240	0.0	90	705270	53.1	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	1168626	50.0	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	92	728067	53.0	
65 Dibromomethane	93	7.559	7.559	0.0	85	286904	52.7	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	619873	47.6	
69 2-Chloroethyl vinyl ether	63	7.985	7.985	0.0	88	242508	46.7	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	83	699543	45.2	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	1063722	106.6	
72 Toluene	91	8.411	8.411	0.0	90	2334913	50.5	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	91	546352	46.0	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	362089	52.0	
77 Tetrachloroethene	164	8.884	8.885	-0.001	90	522927	51.0	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	628257	50.4	
78 2-Hexanone	43	8.979	8.979	0.0	98	619822	105.2	
79 Chlorodibromomethane	129	9.109	9.109	0.0	87	367082	44.3	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	352007	51.4	
82 Chlorobenzene	112	9.618	9.618	0.0	91	1450431	48.8	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	504785	52.2	
84 Ethylbenzene	106	9.713	9.713	0.0	98	801626	51.4	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	98	1912081	100.4	
85 o-Xylene	106	10.150	10.151	-0.001	94	949338	51.5	
86 Styrene	104	10.150	10.151	-0.001	90	1392348	52.8	
87 Bromoform	173	10.316	10.316	0.0	96	166015	45.8	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	2505055	52.7	
89 Cyclohexanone	55	10.541	10.541	0.0	91	975175	507.6	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	80	368949	52.3	
91 Bromobenzene	156	10.718	10.719	-0.001	92	553512	50.3	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	80	120929	51.7	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.742	0.0	76	277560	99.5	
94 N-Propylbenzene	120	10.801	10.802	-0.001	97	694423	55.4	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	589715	51.6	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	2005000	54.1	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	568559	51.2	
97 tert-Butylbenzene	119	11.227	11.227	0.0	82	1928120	54.4	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	1928718	52.6	
99 sec-Butylbenzene	105	11.405	11.405	0.0	96	2546855	54.5	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	84	1060856	49.1	
101 4-Isopropyltoluene	119	11.523	11.523	0.0	90	2287464	55.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	92	1043888	47.4	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	88	1857402	49.3	
105 n-Butylbenzene	91	11.866	11.866	0.0	95	1808154	53.2	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	958512	47.3	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	74	50397	45.7	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	92	572886	41.4	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	92	303494	44.8	
111 Naphthalene	128	13.428	13.440	-0.012	97	1080599	41.1	
112 1,2,3-Trichlorobenzene	180	13.618	13.618	0.0	93	457565	41.9	
S 137 Trihalomethanes, Total	1				0		188.0	
S 11 1,2-Dichloroethene, Total	96				0		103.2	
S 114 Xylenes, Total	106				0		151.9	

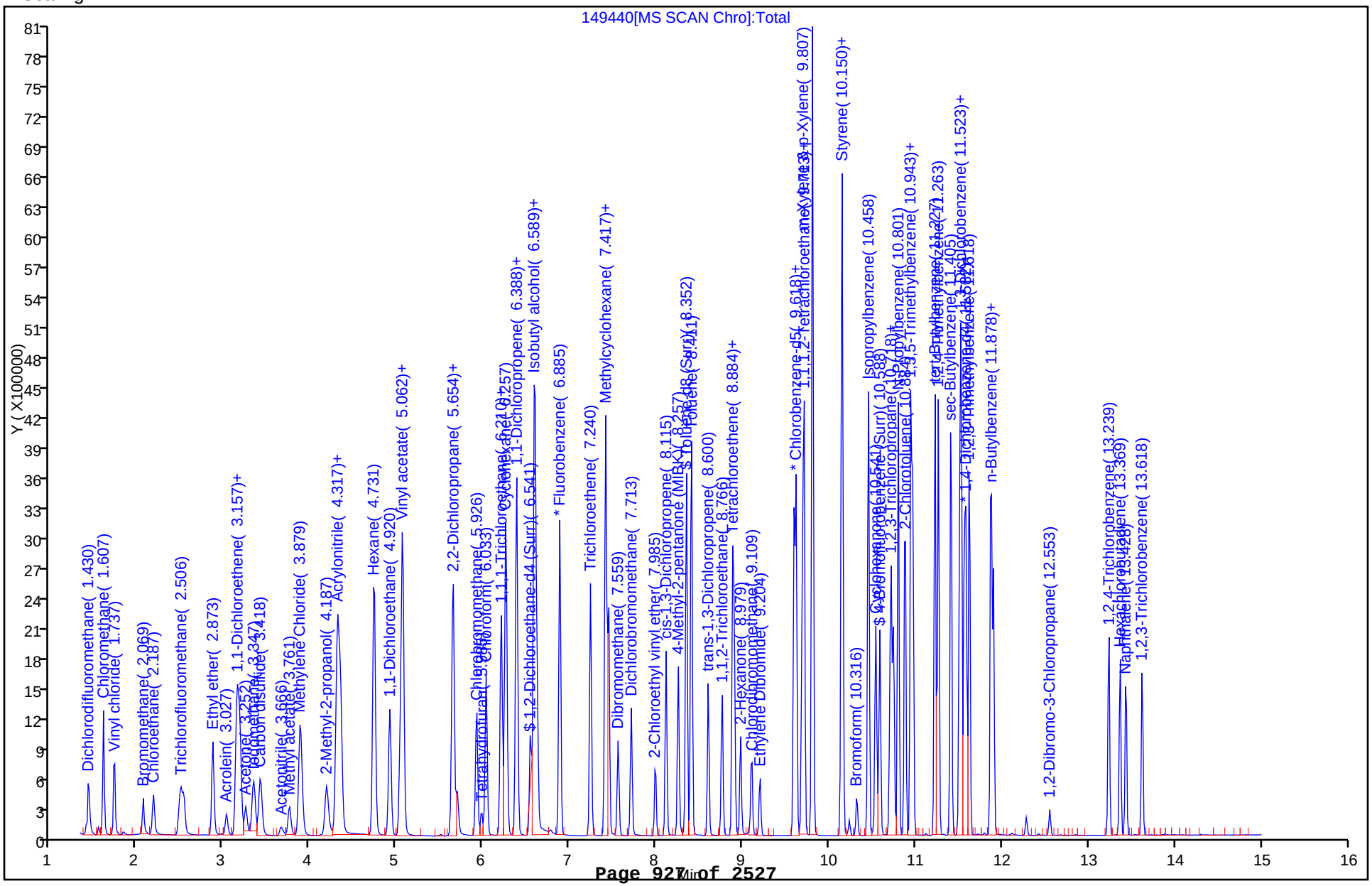
Report Date: 27-Nov-2012 09:28:01 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149440.D

Injection Date:	26-Nov-2012 13:54:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	7
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65929/7

Matrix: Water | Lab File ID: UXX1133.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2012 12:30

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.: 65929 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.00105		0.0010	0.00025	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00110		0.0010	0.00025	0.00018
79-00-5	1,1,2-Trichloroethane	0.00106		0.0010	0.00050	0.00027
75-34-3	1,1-Dichloroethane	0.00112		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00122		0.0010	0.00025	0.00019
107-06-2	1,2-Dichloroethane	0.00105		0.0010	0.00025	0.00022
540-59-0	1,2-Dichloroethene, Total	0.00206		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.000995	J	0.0010	0.00025	0.00018
78-93-3	2-Butanone (MEK)	0.00706	J	0.010	0.00050	0.00057
591-78-6	2-Hexanone	0.00813	J	0.010	0.00050	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00737	J	0.010	0.00050	0.00032
67-64-1	Acetone	0.00622	J ^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00102		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.000851	J	0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00107		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00117		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00110		0.0010	0.00025	0.00013
108-90-7	Chlorobenzene	0.000940	J	0.0010	0.00025	0.00015
75-27-4	Bromodichloromethane	0.000961	J	0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00111		0.0010	0.00050	0.00030
10061-01-5	cis-1,3-Dichloropropene	0.000807	J	0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.000911	J	0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.000891	J	0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.000912	J	0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00341	^	0.0010	0.00050	0.00033
100-42-5	Styrene	0.000694	J ^	0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00122		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00107		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00107		0.0010	0.00025	0.00016
74-97-5	Bromochloromethane	0.000996	J	0.0010	0.00050	0.00029
106-93-4	1,2-Dibromoethane	0.000973	J	0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.000811	J	0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00103		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00118		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00102		0.0010	0.00050	0.00029
1330-20-7	Xylenes, Total	0.00257		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65929/7

Matrix: Water Lab File ID: UXX1133.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2012 12:30

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.: 65929 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		50-150
2037-26-5	Toluene-d8 (Surr)	105		50-150
460-00-4	4-Bromofluorobenzene (Surr)	83		50-150
1868-53-7	Dibromofluoromethane (Surr)	98		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1133.D
Lims ID: MRL Client ID:
Inject. Date: 21-Nov-2012 12:30:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015165-007
Misc. Info.: P21121A,8260LLUX10,,1904 =P21121A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 65929 Lims Sample ID: 7
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121121-15165.b\8260_10.m
Last Update: 23-Nov-2012 08:56:27 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: quayler Date: 21-Nov-2012 12:58:59

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	1897366	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.881	-0.003	85	1159870	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.129	-0.003	93	573299	10.0	
$ 4 BFB	95	3.441	3.746	-0.305	0	2393	0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.626	0.010	65	510808	9.83	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.922	-0.002	0	621002	10.2	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	94	1913232	10.5	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	89	498770	8.26	
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
12 Dichlorodifluoromethane	85	1.559	1.562	-0.003	77	64729	1.71	
13 Chloromethane	50	1.690	1.704	-0.014	99	80880	1.11	
14 Vinyl chloride	62	1.796	1.798	-0.002	72	68319	1.18	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.092	2.094	-0.002	83	28889	1.07	
17 Chloroethane	64	2.163	2.177	-0.014	68	28483	1.02	
18 Dichlorofluoromethane	67		2.331					
19 Trichlorofluoromethane	101	2.388	2.402	-0.014	79	50748	1.21	
20 Ethyl ether	59	2.613	2.603	0.009	66	8278	0.1728	
21 Acrolein	56	2.695	2.710	-0.015	89	68208	10.2	
23 1,1-Dichloroethene	96	2.802	2.804	-0.002	95	56599	1.22	
24 Acetone	43	2.826	2.828	-0.002	97	109137	6.22	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.826	2.840	-0.014	64	43607	1.24	
22 Methylal	45		2.851					
26 Iodomethane	142	2.944	2.934	0.010	94	90253	1.14	
27 Carbon disulfide	76	3.003	3.005	-0.002	98	172622	1.17	
28 Acetonitrile	41	3.062	3.053	0.009	78	22866	1.03	
30 Methyl acetate	43	3.098	3.100	-0.002	95	96174	2.17	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
29 3-Chloro-1-propene	76		3.100					9
31 Methylene Chloride	84	3.192	3.195	-0.003	93	222975	3.41	
32 2-Methyl-2-propanol	59	3.251	3.266	-0.015	89	30978	8.08	
33 Acrylonitrile	53	3.370	3.384	-0.014	87	39560	1.78	
34 trans-1,2-Dichloroethene	96	3.429	3.431	-0.002	69	60980	1.07	
35 Methyl tert-butyl ether	73	3.429	3.431	-0.002	91	150745	0.9124	
36 Hexane	86	3.666	3.668	-0.002	87	11506	1.27	
37 1,1-Dichloroethane	63	3.772	3.775	-0.003	84	108302	1.12	
38 Vinyl acetate	86	3.796	3.798	-0.002	88	8395	0.8344	
39 Isopropyl ether	87		3.822					9
40 2-Chloro-1,3-butadiene	53		3.846					9
41 Tert-butyl ethyl ether	59		4.118					
42 2-Butanone (MEK)	43	4.234	4.236	-0.002	99	175947	7.06	
43 cis-1,2-Dichloroethene	96	4.245	4.248	-0.003	70	62280	0.9847	
44 2,2-Dichloropropane	77	4.257	4.260	-0.003	67	49613	0.8936	
45 Propionitrile	54		4.283					
46 Ethyl acetate	43	4.234	4.283	-0.049	80	175947	3.56	
47 Methacrylonitrile	41		4.414					9
48 Chlorobromomethane	128	4.447	4.437	0.010	73	30556	1.00	
50 Chloroform	83	4.494	4.496	-0.002	69	104767	1.07	
49 Tetrahydrofuran	42	4.482	4.496	-0.014	29	16389	0.3627	
51 1,1,1-Trichloroethane	97	4.671	4.674	-0.003	87	70067	1.05	
52 Cyclohexane	56	4.742	4.745	-0.003	85	79588	1.05	
53 1,1-Dichloropropene	75	4.813	4.816	-0.003	93	69363	1.01	
54 Carbon tetrachloride	117	4.825	4.828	-0.003	86	59176	1.10	
55 Isobutyl alcohol	41		4.851					9
56 1,2-Dichloroethane	62	4.979	4.981	-0.002	46	73658	1.05	
57 Benzene	78	4.979	4.981	-0.002	94	242865	1.02	
58 Tert-amyl methyl ether	73		5.064					9
59 n-Heptane	100		5.195					
60 n-Butanol	56		5.408					
61 Trichloroethene	130	5.523	5.526	-0.003	94	60537	1.03	
62 Ethyl acrylate	55		5.605					9
63 Methylcyclohexane	83	5.701	5.703	-0.002	81	65877	1.05	
64 1,2-Dichloropropane	63	5.701	5.703	-0.002	76	55127	1.00	
65 Methyl methacrylate	41		5.774					9
66 Dibromomethane	93	5.796	5.798	-0.002	84	31241	0.9739	
67 1,4-Dioxane	88	5.819	5.810	0.009	1	8059	23.6	
68 Dichlorobromomethane	83	5.926	5.928	-0.002	92	63261	0.9614	
69 2-Nitropropane	41		6.118					9
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	84	36674	1.17	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	77	65534	0.8068	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.437	0.009	96	354567	7.37	
73 Toluene	91	6.624	6.626	-0.002	93	234137	1.07	
74 trans-1,3-Dichloropropene	75	6.801	6.804	-0.003	83	50267	0.8113	
75 Ethyl methacrylate	69	6.872	6.875	-0.003	85	47226	0.8296	
76 1,1,2-Trichloroethane	97	6.967	6.969	-0.002	85	47123	1.06	
77 1,3-Dichloropropane	76	7.121	7.123	-0.002	82	80998	1.04	
78 Tetrachloroethene	164	7.133	7.135	-0.002	93	48287	1.22	
79 2-Hexanone	43	7.180	7.182	-0.002	97	217713	8.13	
80 n-Butyl acetate	56		7.301					
81 Chlorodibromomethane	129	7.334	7.336	-0.002	82	39187	0.9113	

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	84	41811	0.9731	
84 1-Chlorohexane	91		7.779					
85 Chlorobenzene	112	7.914	7.904	0.010	90	130059	0.9399	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.975	-0.002	72	48705	1.01	
87 Ethylbenzene	106	8.008	8.011	-0.003	96	61644	0.8911	
88 m-Xylene & p-Xylene	106	8.115	8.117	-0.002	98	152917	1.74	
89 o-Xylene	106	8.493	8.496	-0.003	90	71415	0.8299	
90 Styrene	104	8.505	8.508	-0.003	89	95894	0.6944	
91 Bromoform	173	8.683	8.685	-0.002	80	22138	0.8505	
92 Isopropylbenzene	105	8.848	8.851	-0.003	92	157047	0.8122	
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55		8.934					9
95 1,1,2,2-Tetrachloroethane	83	9.109	9.111	-0.002	90	58975	1.10	
96 Bromobenzene	156	9.144	9.147	-0.003	91	51493	0.9648	
97 1,2,3-Trichloropropane	110	9.168	9.158	0.010	68	17756	1.03	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.170	-0.002	55	9282	1.28	
99 N-Propylbenzene	120	9.251	9.241	0.010	93	41800	0.8864	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	94	42323	0.8930	
101 1,3,5-Trimethylbenzene	105	9.416	9.419	-0.003	92	117482	0.8084	
102 4-Chlorotoluene	126	9.440	9.431	0.009	92	37822	0.7490	
103 tert-Butylbenzene	119	9.736	9.738	-0.002	85	91555	0.7672	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	92	112692	0.7498	
105 sec-Butylbenzene	105	9.949	9.951	-0.002	85	128376	0.8443	
106 1,3-Dichlorobenzene	146	10.067	10.070	-0.003	95	85030	0.8888	
107 4-Isopropyltoluene	119	10.091	10.093	-0.002	90	95758	0.7494	
108 1,4-Dichlorobenzene	146	10.150	10.152	-0.002	84	96991	0.9409	
109 1,2,3-Trimethylbenzene	105		10.200					9
110 n-Butylbenzene	91	10.493	10.496	-0.003	90	83013	0.8206	
111 1,2-Dichlorobenzene	146	10.517	10.519	-0.002	93	94784	0.9899	
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.288	-0.002	25	7666	0.8505	
113 1,3,5-Trichlorobenzene	180	11.511	11.513	-0.002	83	46325	0.8682	
114 1,2,4-Trichlorobenzene	180	12.126	12.128	-0.002	75	35631	0.7327	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	81	19309	0.6084	
116 Naphthalene	128	12.375	12.377	-0.002	99	72030	0.4860	
117 1,2,3-Trichlorobenzene	180	12.623	12.625	-0.002	84	32262	0.6143	
118 2-Methylnaphthalene	142		13.679					
S 119 Trihalomethanes, Total	1				0		3.80	
S 120 1,2-Dichloroethene, Total	96				0		2.06	
S 121 1,3-Dichloropropene, Total	75				0		1.62	
S 122 Xylenes, Total	106				0		2.57	
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

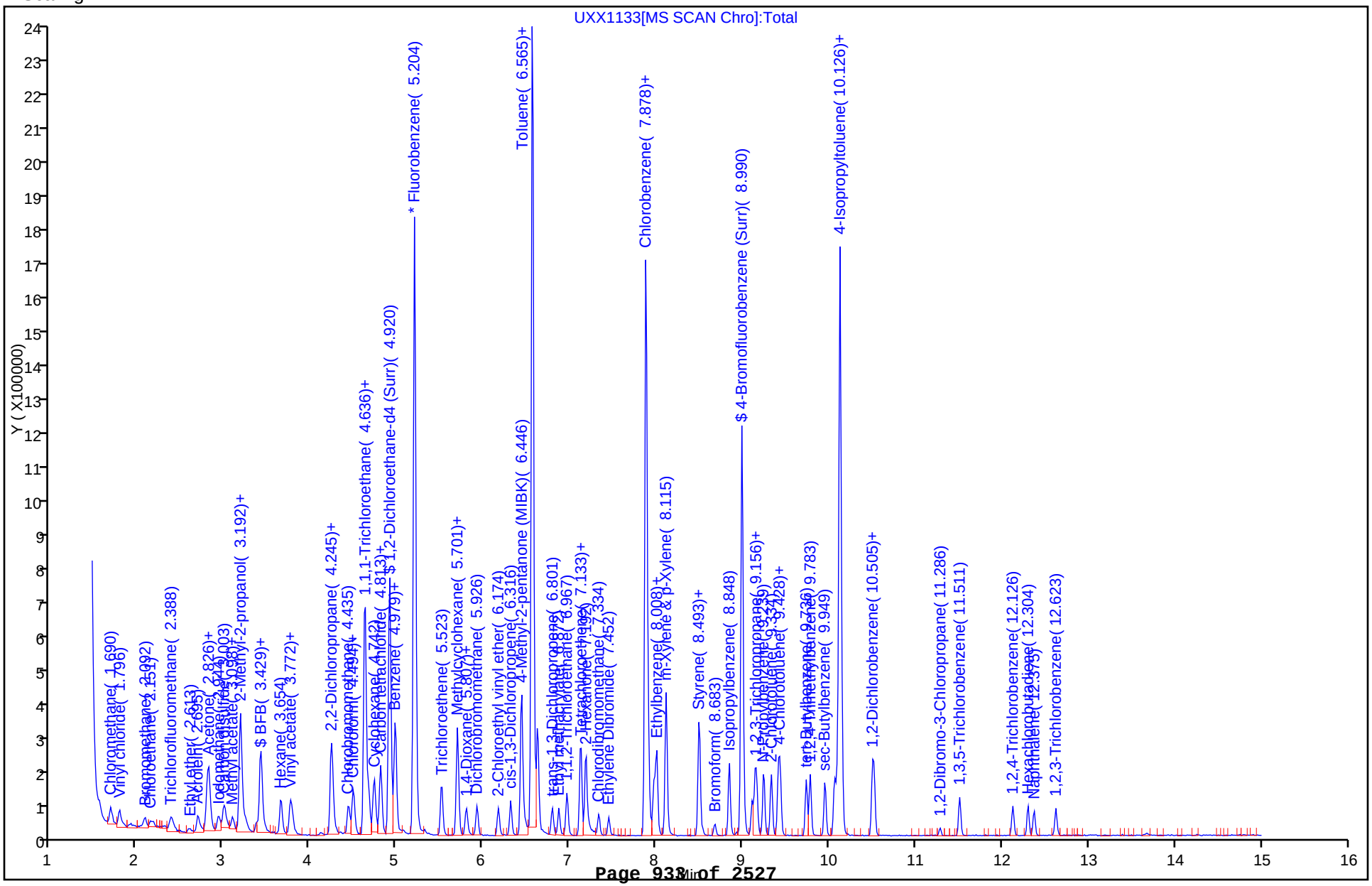
Report Date: 23-Nov-2012 08:56:55 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1133.D

Injection Date:	21-Nov-2012 12:30:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	65929	Lims Sample ID:	7
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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65929/20

Matrix: Water | Lab File ID: UXX1146.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/21/2012 17:29

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.: 65929 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.00108		0.0010	0.00025	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00113		0.0010	0.00025	0.00018
79-00-5	1,1,2-Trichloroethane	0.000935	J	0.0010	0.00050	0.00027
75-34-3	1,1-Dichloroethane	0.00105		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00102		0.0010	0.00025	0.00019
107-06-2	1,2-Dichloroethane	0.00108		0.0010	0.00025	0.00022
540-59-0	1,2-Dichloroethene, Total	0.00199	J	0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.000939	J	0.0010	0.00025	0.00018
78-93-3	2-Butanone (MEK)	0.00946	J	0.010	0.00050	0.00057
591-78-6	2-Hexanone	0.00929	J	0.010	0.00050	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00890	J	0.010	0.00050	0.00032
67-64-1	Acetone	0.00626	J ^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00103		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.000777	J	0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00116		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00107		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00102		0.0010	0.00025	0.00013
108-90-7	Chlorobenzene	0.000958	J	0.0010	0.00025	0.00015
75-27-4	Bromodichloromethane	0.000869	J	0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00107		0.0010	0.00050	0.00030
10061-01-5	cis-1,3-Dichloropropene	0.000769	J	0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.000849	J	0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.000841	J	0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.000910	J	0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00242	^	0.0010	0.00050	0.00033
100-42-5	Styrene	0.000707	J	0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00101		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00104		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00102		0.0010	0.00025	0.00016
74-97-5	Bromochloromethane	0.000992	J	0.0010	0.00050	0.00029
106-93-4	1,2-Dibromoethane	0.000968	J	0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.000871	J	0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.000933	J	0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00130		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00108		0.0010	0.00050	0.00029
1330-20-7	Xylenes, Total	0.00238		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65929/20

Matrix: Water Lab File ID: UXX1146.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/21/2012 17:29

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.: 65929 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		50-150
2037-26-5	Toluene-d8 (Surr)	111		50-150
460-00-4	4-Bromofluorobenzene (Surr)	90		50-150
1868-53-7	Dibromofluoromethane (Surr)	105		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1146.D
Lims ID: MRL Client ID:
Inject. Date: 21-Nov-2012 17:29:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015165-020
Misc. Info.: P21121A,8260LLUX10,,1904 =P21121A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 19
Lims Batch ID: 65929 Lims Sample ID: 20
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121121-15165.b\8260_10.m
Last Update: 23-Nov-2012 08:56:27 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: quayler Date: 23-Nov-2012 08:32:50

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.206	5.206	0.0	99	1884843	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	85	1170505	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.129	0.0	93	595355	10.0	
$ 4 BFB	95	3.431	3.746	-0.315	0	1221	0	
$ 5 Dibromofluoromethane (Surr)	113	4.627	4.626	0.0	58	541198	10.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.922	4.922	0.0	0	667545	11.0	
$ 7 Toluene-d8 (Surr)	98	6.567	6.567	0.0	94	2050266	11.1	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	90	551001	9.04	
10 C6-C12	1		0.000					
11 C6-C10	1		0.000					
143 1,3-Diethylbenzene TIC	1		0.000					
9 Benzyl chloride	126		0.000					
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	76	55310	1.47	
13 Chloromethane	50	1.692	1.704	-0.012	86	77852	1.07	
14 Vinyl chloride	62	1.798	1.798	0.0	93	74711	1.30	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.094	2.094	0.0	82	31208	1.16	
17 Chloroethane	64	2.165	2.177	-0.012	62	29910	1.08	
18 Dichlorofluoromethane	67		2.331					
19 Trichlorofluoromethane	101	2.402	2.402	0.0	74	50333	1.21	
20 Ethyl ether	59		2.603					
21 Acrolein	56	2.710	2.710	0.0	84	64986	9.74	
23 1,1-Dichloroethene	96	2.816	2.804	0.012	85	46915	1.02	
24 Acetone	43	2.828	2.828	0.0	98	108986	6.26	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.828	2.840	-0.012	50	33318	0.9539	
22 Methylal	45		2.851					9
26 Iodomethane	142	2.946	2.934	0.012	97	81607	1.04	
27 Carbon disulfide	76	3.005	3.005	0.0	98	156416	1.07	
28 Acetonitrile	41	3.053	3.053	0.0	98	38509	3.77	
30 Methyl acetate	43	3.100	3.100	0.0	93	100869	2.29	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
29 3-Chloro-1-propene	76		3.100					9
31 Methylene Chloride	84	3.195	3.195	0.0	92	157537	2.42	
32 2-Methyl-2-propanol	59	3.266	3.266	0.0	93	63547	16.7	
33 Acrylonitrile	53	3.384	3.384	0.0	94	40246	1.82	
34 trans-1,2-Dichloroethene	96	3.431	3.431	0.0	66	58611	1.04	
35 Methyl tert-butyl ether	73	3.431	3.431	0.0	89	149434	0.9105	
36 Hexane	86	3.668	3.668	0.0	86	9541	1.06	
37 1,1-Dichloroethane	63	3.775	3.775	0.0	80	100808	1.05	
38 Vinyl acetate	86	3.798	3.798	0.0	90	7592	0.7596	
39 Isopropyl ether	87		3.822					9
40 2-Chloro-1,3-butadiene	53		3.846					
41 Tert-butyl ethyl ether	59		4.118					
42 2-Butanone (MEK)	43	4.236	4.236	0.0	98	234190	9.46	
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	70	59894	0.9532	
44 2,2-Dichloropropane	77	4.260	4.260	0.0	78	46382	0.8409	
45 Propionitrile	54		4.283					
46 Ethyl acetate	43	4.236	4.283	-0.047	81	234190	4.77	
47 Methacrylonitrile	41		4.414					9
48 Chlorobromomethane	128	4.449	4.437	0.012	78	30239	0.99	
50 Chloroform	83	4.496	4.496	0.0	79	98505	1.02	
49 Tetrahydrofuran	42	4.496	4.496	0.0	26	17452	0.4266	
51 1,1,1-Trichloroethane	97	4.674	4.674	0.0	85	72002	1.08	
52 Cyclohexane	56	4.745	4.745	0.0	89	74905	0.99	
53 1,1-Dichloropropene	75	4.804	4.816	-0.012	91	65080	0.9542	
54 Carbon tetrachloride	117	4.828	4.828	0.0	84	54702	1.02	
55 Isobutyl alcohol	41	4.839	4.851	-0.012	55	32357	20.9	
56 1,2-Dichloroethane	62	4.981	4.981	0.0	41	75585	1.08	
57 Benzene	78	4.981	4.981	0.0	94	244892	1.03	
58 Tert-amyl methyl ether	73		5.064					9
59 n-Heptane	100		5.195					
60 n-Butanol	56		5.408					
61 Trichloroethene	130	5.514	5.526	-0.012	91	54537	0.9326	
62 Ethyl acrylate	55		5.605					9
63 Methylcyclohexane	83	5.703	5.703	0.0	83	58564	0.9432	
64 1,2-Dichloropropane	63	5.703	5.703	0.0	78	51673	0.9392	
65 Methyl methacrylate	41		5.774					9
66 Dibromomethane	93	5.798	5.798	0.0	80	30852	0.9682	
67 1,4-Dioxane	88	5.810	5.810	0.0	1	6932	22.1	
68 Dichlorobromomethane	83	5.928	5.928	0.0	92	56772	0.8685	
69 2-Nitropropane	41		6.118					9
70 2-Chloroethyl vinyl ether	63	6.177	6.177	0.0	79	37018	1.19	
71 cis-1,3-Dichloropropene	75	6.319	6.319	0.0	77	62065	0.7692	
72 4-Methyl-2-pentanone (MIBK)	43	6.449	6.437	0.012	97	425710	8.90	
73 Toluene	91	6.626	6.626	0.0	94	229680	1.04	
74 trans-1,3-Dichloropropene	75	6.804	6.804	0.0	86	54490	0.8714	
75 Ethyl methacrylate	69	6.875	6.875	0.0	83	42079	0.7324	
76 1,1,2-Trichloroethane	97	6.969	6.969	0.0	88	41800	0.9346	
77 1,3-Dichloropropane	76	7.123	7.123	0.0	86	79938	1.01	
78 Tetrachloroethene	164	7.135	7.135	0.0	87	40377	1.01	
79 2-Hexanone	43	7.182	7.182	0.0	95	250953	9.29	
80 n-Butyl acetate	56		7.301					
81 Chlorodibromomethane	129	7.336	7.336	0.0	74	36842	0.8490	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107	7.455	7.455	0.0	82	41985	0.9683	
84 1-Chlorohexane	91		7.779					
85 Chlorobenzene	112	7.904	7.904	0.0	92	133836	0.9584	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.975	0.0	76	45940	0.9481	
87 Ethylbenzene	106	8.011	8.011	0.0	96	58711	0.8410	
88 m-Xylene & p-Xylene	106	8.117	8.117	0.0	98	138164	1.56	
89 o-Xylene	106	8.496	8.496	0.0	89	70862	0.8160	
90 Styrene	104	8.508	8.508	0.0	87	98530	0.7070	
91 Bromoform	173	8.673	8.685	-0.012	82	20423	0.7775	
92 Isopropylbenzene	105	8.851	8.851	0.0	92	148054	0.7588	
93 1,4-Dichlorobutane	55		8.931					9
94 Cyclohexanone	55	8.922	8.934	-0.012	66	27984	4.25	
95 1,1,2,2-Tetrachloroethane	83	9.111	9.111	0.0	91	62524	1.13	
96 Bromobenzene	156	9.147	9.147	0.0	90	48207	0.8698	
97 1,2,3-Trichloropropane	110	9.158	9.158	0.0	68	18224	1.02	
98 trans-1,4-Dichloro-2-butene	53	9.158	9.170	-0.012	54	9567	1.27	
99 N-Propylbenzene	120	9.241	9.241	0.0	96	41804	0.8536	
100 2-Chlorotoluene	126	9.336	9.336	0.0	96	44746	0.9092	
101 1,3,5-Trimethylbenzene	105	9.419	9.419	0.0	90	121548	0.8054	
102 4-Chlorotoluene	126	9.431	9.431	0.0	94	40838	0.7787	
103 tert-Butylbenzene	119	9.738	9.738	0.0	88	102630	0.8282	
104 1,2,4-Trimethylbenzene	105	9.786	9.786	0.0	76	113113	0.7248	
105 sec-Butylbenzene	105	9.951	9.951	0.0	88	130304	0.8253	
106 1,3-Dichlorobenzene	146	10.058	10.070	-0.012	76	102940	1.04	
107 4-Isopropyltoluene	119	10.093	10.093	0.0	91	102271	0.7707	
108 1,4-Dichlorobenzene	146	10.152	10.152	0.0	89	118318	1.11	
109 1,2,3-Trimethylbenzene	105		10.200					9
110 n-Butylbenzene	91	10.496	10.496	0.0	94	104437	0.99	
111 1,2-Dichlorobenzene	146	10.519	10.519	0.0	95	105929	1.07	
112 1,2-Dibromo-3-Chloropropane	157	11.288	11.288	0.0	41	11718	1.25	
113 1,3,5-Trichlorobenzene	180	11.513	11.513	0.0	89	43613	0.7871	
114 1,2,4-Trichlorobenzene	180	12.129	12.128	0.0	88	69962	1.39	
115 Hexachlorobutadiene	225	12.306	12.306	0.0	88	39268	1.53	
116 Naphthalene	128	12.377	12.377	0.0	100	194542	1.26	
117 1,2,3-Trichlorobenzene	180	12.625	12.625	0.0	96	85801	1.57	
118 2-Methylnaphthalene	142		13.679					
S 119 Trihalomethanes, Total	1				0		3.51	
S 120 1,2-Dichloroethene, Total	96				0		1.99	
S 121 1,3-Dichloropropene, Total	75				0		1.64	
S 122 Xylenes, Total	106				0		2.38	
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

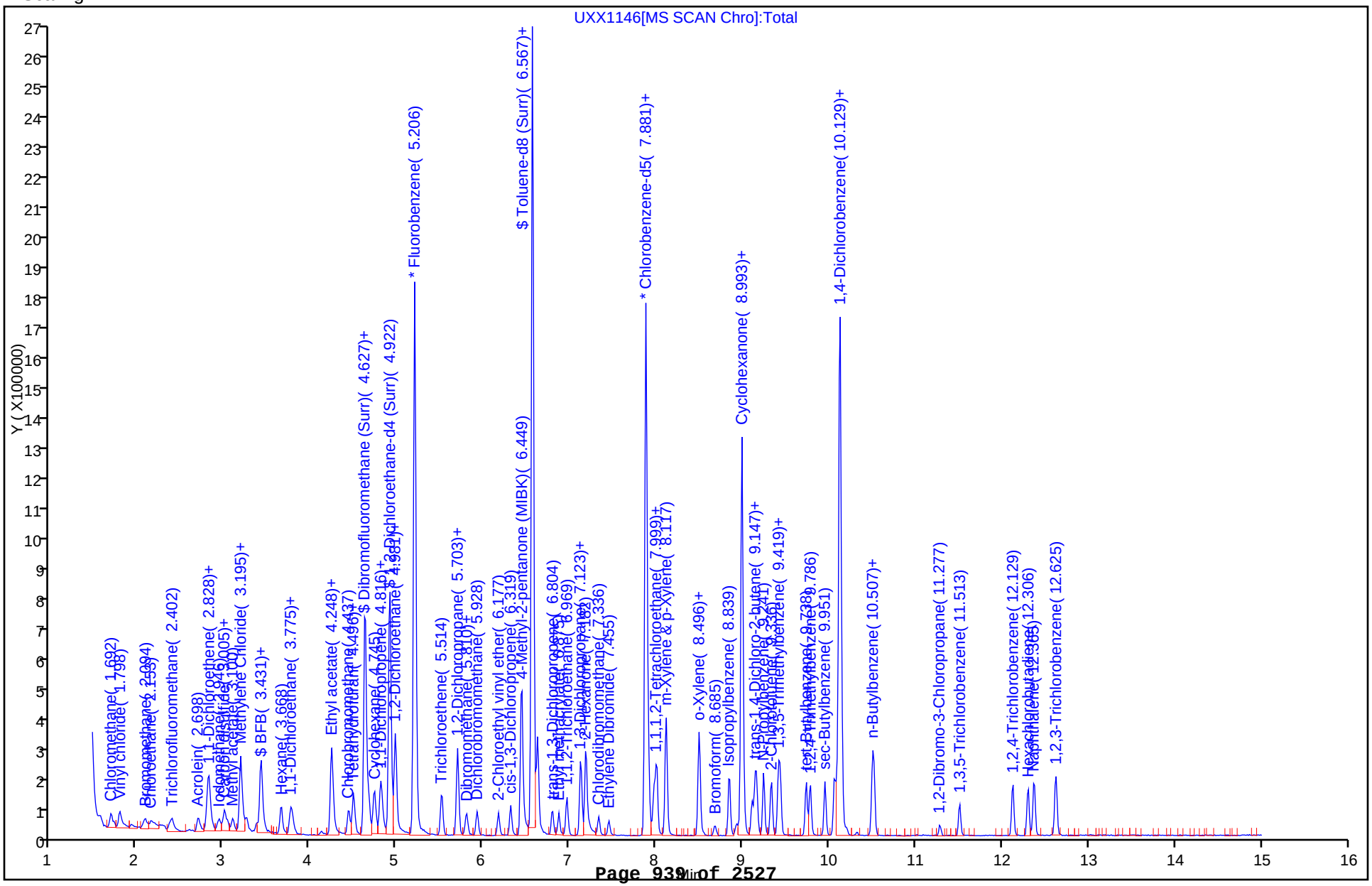
Report Date: 23-Nov-2012 08:57:02 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121121-15165.b\UXX1146.D

Injection Date:	21-Nov-2012 17:29:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	65929	Lims Sample ID:	20
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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66063/14

Matrix: Solid | Lab File ID: 149380.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/23/2012 14:08

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.: 66063 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.00454		0.0010	0.00025	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00497		0.0010	0.00025	0.00018
79-00-5	1,1,2-Trichloroethane	0.00513		0.0010	0.00050	0.00027
75-34-3	1,1-Dichloroethane	0.00504		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00520		0.0010	0.00025	0.00019
107-06-2	1,2-Dichloroethane	0.00528		0.0010	0.00025	0.00022
540-59-0	1,2-Dichloroethene, Total	0.00996		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00526		0.0010	0.00025	0.00018
78-93-3	2-Butanone (MEK)	0.0108		0.010	0.00050	0.00057
591-78-6	2-Hexanone	0.0100		0.010	0.00050	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00938	J	0.010	0.00050	0.00032
67-64-1	Acetone	0.0257	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00533		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00675	^	0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00570		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00599		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00592		0.0010	0.00025	0.00013
108-90-7	Chlorobenzene	0.00519		0.0010	0.00025	0.00015
75-27-4	Bromodichloromethane	0.00610		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00561		0.0010	0.00050	0.00030
10061-01-5	cis-1,3-Dichloropropene	0.00632		0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.00634		0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.00524		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00488		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00413		0.0010	0.00050	0.00033
100-42-5	Styrene	0.00506		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00511		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00512		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00504		0.0010	0.00025	0.00016
74-97-5	Bromochloromethane	0.00521		0.0010	0.00050	0.00029
106-93-4	1,2-Dibromoethane	0.00483		0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00618		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00531		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00569		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00543		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0157		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-66063/14

Matrix: Solid Lab File ID: 149380.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/23/2012 14:08

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.: 66063 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		50-150
2037-26-5	Toluene-d8 (Surr)	88		50-150
460-00-4	4-Bromofluorobenzene (Surr)	87		50-150
1868-53-7	Dibromofluoromethane (Surr)	86		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149380.D
Lims ID: QCMRL Client ID:
Inject. Date: 23-Nov-2012 14:08:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: qcmrl
Misc. Info.: 240-0015202-014 =240-0015202-014
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 66063 Lims Sample ID: 14
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:57:02 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks Date: 23-Nov-2012 14:51:34

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2105080	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	1320899	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	676217	50.0	
$ 4 BFB	95	4.329	4.538	-0.209	0	3041	0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	71	450944	43.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	92	591863	45.7	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1819296	44.1	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	587554	43.6	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	86	68484	5.88	
13 Chloromethane	50	1.607	1.607	0.0	89	117142	5.61	
14 Vinyl chloride	62	1.726	1.737	-0.011	83	88973	5.69	
15 Bromomethane	94	2.069	2.069	0.0	89	25402	5.70	
16 Chloroethane	64	2.187	2.187	0.0	95	42286	5.43	
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	84	56637	4.50	
19 Ethyl ether	59	2.885	2.873	0.012	51	1841	0.1774	
25 Methylal	45		2.932					9
20 Acrolein	56	3.027	3.039	-0.012	94	76558	49.2	
21 1,1-Dichloroethene	96	3.157	3.157	0.0	84	49598	5.20	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.193	-0.012	80	48528	5.46	
22 Acetone	43	3.252	3.264	-0.012	94	97832	25.7	
24 Iodomethane	142	3.347	3.347	0.0	97	83806	5.14	
26 Carbon disulfide	76	3.429	3.430	-0.001	98	81320	5.99	
27 Acetonitrile	41	3.666	3.666	0.0	99	59534	51.0	
29 3-Chloro-1-propene	76		3.690					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Methyl acetate	43	3.761	3.761	0.0	97	100380	10.0	
30 Methylene Chloride	84	3.891	3.891	0.0	84	80351	4.13	
31 2-Methyl-2-propanol	59	4.199	4.199	0.0	89	70034	106.9	
32 Acrylonitrile	53	4.305	4.305	0.0	95	47747	10.6	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	56664	5.04	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	91	119073	4.88	
35 Hexane	86	4.743	4.743	0.0	95	15156	5.00	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	124710	5.04	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86	5.039	5.039	0.0	97	5102	4.03	
38 Isopropyl ether	87		5.074					9
40 Tert-butyl ethyl ether	59		5.524					9
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	65	37628	4.46	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	59584	4.92	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	96	55748	10.8	
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.796					
46 Methacrylonitrile	41		5.926					
47 Chlorobromomethane	128	5.926	5.926	0.0	85	28896	5.21	
48 Tetrahydrofuran	42	5.985	5.985	0.0	86	18021	5.36	
49 Chloroform	83	6.033	6.033	0.0	84	96843	5.04	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	37	65840	4.54	
51 Cyclohexane	56	6.258	6.269	-0.011	91	162847	5.18	
53 Carbon tetrachloride	117	6.388	6.388	0.0	59	57494	5.92	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	82322	5.31	
54 Isobutyl alcohol	41		6.589					
55 Benzene	78	6.601	6.601	0.0	94	231657	5.33	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	81	94399	5.28	
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.896					
59 n-Butanol	56		7.228					
60 Trichloroethene	130	7.240	7.240	0.0	88	65620	5.31	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	95	111504	5.13	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	67285	5.26	
65 Dibromomethane	93	7.559	7.559	0.0	86	24793	4.89	
64 Methyl methacrylate	41		7.583					9
66 1,4-Dioxane	88	7.583	7.583	0.0	91	18278	281.8	
67 Dichlorobromomethane	83	7.713	7.713	0.0	89	43980	6.10	
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	90	45298	9.38	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	81	53677	6.32	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	92495	9.38	
72 Toluene	91	8.411	8.411	0.0	97	233543	5.12	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	91	40263	6.18	
74 Ethyl methacrylate	69	8.683	8.683	0.0	91	38451	4.41	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	35258	5.13	
77 Tetrachloroethene	164	8.884	8.884	0.0	90	51688	5.11	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	63745	5.18	
78 2-Hexanone	43	8.979	8.979	0.0	97	58334	10.0	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	12250	0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorodibromomethane	129	9.109	9.109	0.0	87	25371	6.34	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	32711	4.83	
81 1-Chlorohexane	91	9.594	9.594	0.0	15	2660	0	
82 Chlorobenzene	112	9.618	9.618	0.0	91	152138	5.19	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	83	40013	4.19	
84 Ethylbenzene	106	9.713	9.713	0.0	98	80682	5.24	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	197541	10.5	
85 o-Xylene	106	10.151	10.151	0.0	93	94032	5.17	
86 Styrene	104	10.162	10.162	0.0	93	131568	5.06	
87 Bromoform	173	10.316	10.328	-0.012	90	12184	6.75	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	248734	5.30	
89 Cyclohexanone	55	10.541	10.541	0.0	17	3395	1.79	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	79	37689	4.97	
91 Bromobenzene	156	10.719	10.719	-0.001	91	61983	5.23	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	80	13673	5.44	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.754	-0.012	53	15389	5.13	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	70894	5.26	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	60470	4.92	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	95	200632	5.03	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	62762	5.26	
97 tert-Butylbenzene	119	11.227	11.227	0.0	89	199228	5.23	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	202423	5.14	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	260893	5.19	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	96	122154	5.25	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	86	228700	5.16	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	89	127135	5.37	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	1	6257	0.1545	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	193896	5.31	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	95	112308	5.15	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	54	5269	6.12	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	96	90315	5.29	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	80901	5.44	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	45096	6.19	
111 Naphthalene	128	13.440	13.440	0.0	98	144096	5.10	
112 1,2,3-Trichlorobenzene	180	13.618	13.629	-0.011	95	70954	6.05	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	74	5903	0.3678	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	19262737	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	22926638	0	
S 137 Trihalomethanes, Total	1				0		24.2	
S 11 1,2-Dichloroethene, Total	96				0		9.96	
S 9 1,3-Dichloropropene, Total	75				0		12.5	
S 114 Xylenes, Total	106				0		15.7	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

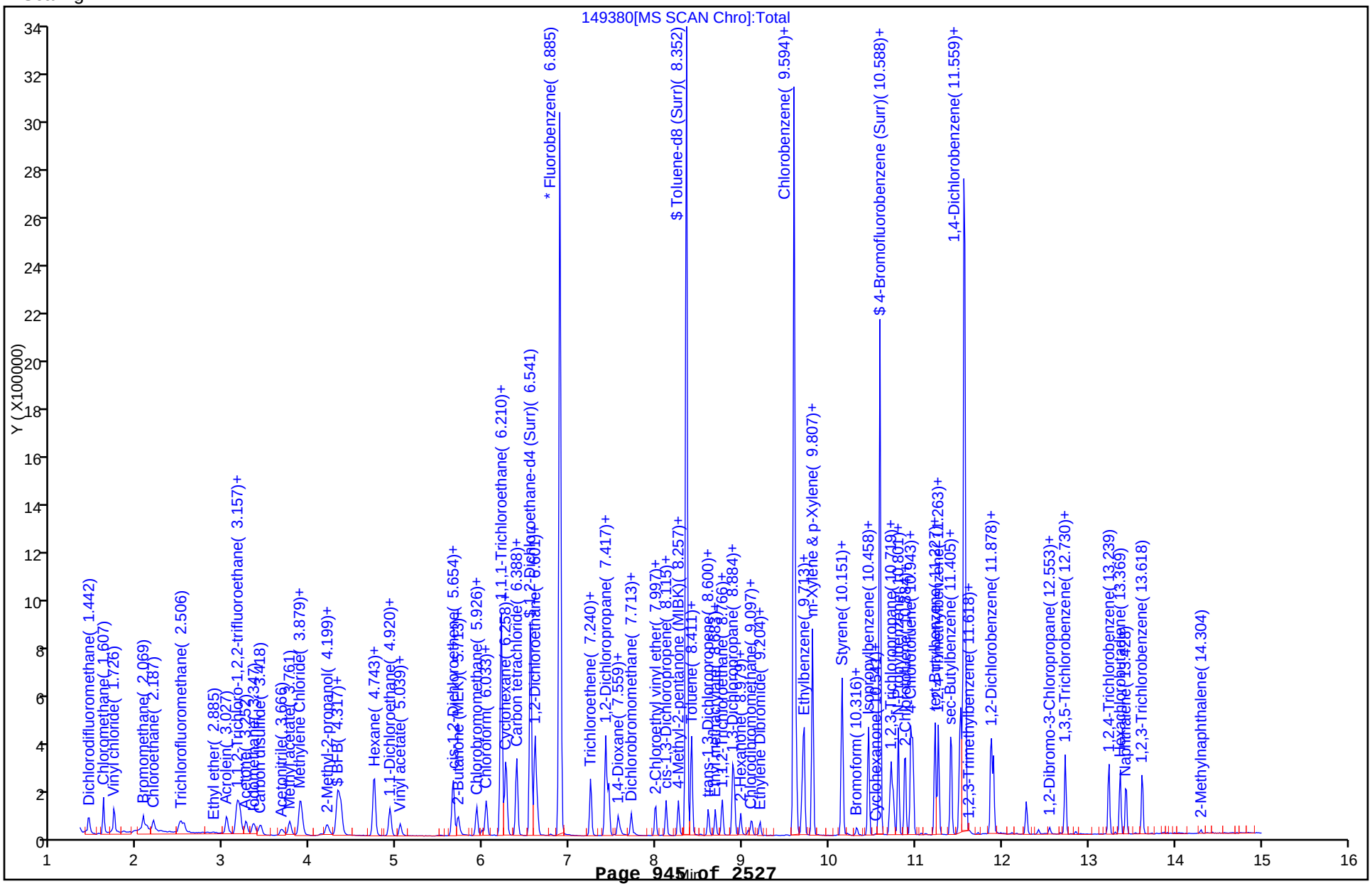
Report Date: 25-Nov-2012 10:57:04 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149380.D

Injection Date:	23-Nov-2012 14:08:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	14
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66063/34

Matrix: Solid | Lab File ID: 149399.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/23/2012 21:08

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.: 66063 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.00438		0.0010	0.00025	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00486		0.0010	0.00025	0.00018
79-00-5	1,1,2-Trichloroethane	0.00547		0.0010	0.00050	0.00027
75-34-3	1,1-Dichloroethane	0.00487		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00502		0.0010	0.00025	0.00019
107-06-2	1,2-Dichloroethane	0.00515		0.0010	0.00025	0.00022
540-59-0	1,2-Dichloroethene, Total	0.00969		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00532		0.0010	0.00025	0.00018
78-93-3	2-Butanone (MEK)	0.0127		0.010	0.00050	0.00057
591-78-6	2-Hexanone	0.0103		0.010	0.00050	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00978	J	0.010	0.00050	0.00032
67-64-1	Acetone	0.0285	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00524		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00617		0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00584		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00554		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00585		0.0010	0.00025	0.00013
108-90-7	Chlorobenzene	0.00506		0.0010	0.00025	0.00015
75-27-4	Bromodichloromethane	0.00601		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00561		0.0010	0.00050	0.00030
10061-01-5	cis-1,3-Dichloropropene	0.00594		0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.00620		0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.00525		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00477		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00697	^	0.0010	0.00050	0.00033
100-42-5	Styrene	0.00474		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00517		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00516		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00479		0.0010	0.00025	0.00016
74-97-5	Bromochloromethane	0.00475		0.0010	0.00050	0.00029
106-93-4	1,2-Dibromoethane	0.00459		0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00577		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00532		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00564		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00541		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0151		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-66063/34

Matrix: Solid Lab File ID: 149399.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/23/2012 21:08

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.: 66063 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		50-150
2037-26-5	Toluene-d8 (Surr)	91		50-150
460-00-4	4-Bromofluorobenzene (Surr)	92		50-150
1868-53-7	Dibromofluoromethane (Surr)	85		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149399.D
Lims ID: qcmrl Client ID:
Inject. Date: 23-Nov-2012 21:08:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: qcmrl
Misc. Info.: 240-0015202-034 =240-0015202-034
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 32
Lims Batch ID: 66063 Lims Sample ID: 34
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121123-15202.b\8260_14.m
Last Update: 25-Nov-2012 10:57:02 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: macenczaks Date: 25-Nov-2012 08:16:59

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2081060	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	90	1306674	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	99	649981	50.0	
$ 4 BFB	95	4.317	4.538	-0.221	0	2553	0	
$ 5 Dibromofluoromethane (Surr)	113	6.198	6.210	-0.012	68	436987	42.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	92	606424	47.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1852794	45.5	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	592506	45.8	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.430	1.442	-0.012	85	70986	6.17	
13 Chloromethane	50	1.607	1.607	0.0	88	115701	5.61	
14 Vinyl chloride	62	1.726	1.737	-0.011	83	87267	5.64	
15 Bromomethane	94	2.069	2.069	0.0	91	25715	5.84	
16 Chloroethane	64	2.187	2.187	0.0	93	41619	5.41	
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101	2.495	2.507	-0.012	84	53998	4.34	
19 Ethyl ether	59	2.873	2.873	0.0	68	1171	0.1141	
25 Methylal	45		2.932					
20 Acrolein	56	3.027	3.039	-0.012	94	78818	51.2	
21 1,1-Dichloroethene	96	3.146	3.157	-0.011	81	47307	5.02	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.193	-0.012	80	48208	5.48	
22 Acetone	43	3.252	3.264	-0.012	97	105110	28.5	
24 Iodomethane	142	3.347	3.347	0.0	98	79130	4.91	
26 Carbon disulfide	76	3.418	3.430	-0.012	97	68761	5.54	
27 Acetonitrile	41	3.666	3.666	0.0	100	60048	52.0	
29 3-Chloro-1-propene	76		3.690					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Methyl acetate	43	3.761	3.761	0.0	98	108473	11.0	
30 Methylene Chloride	84	3.879	3.891	-0.012	87	107858	6.97	
31 2-Methyl-2-propanol	59	4.187	4.199	-0.012	84	62069	95.8	
32 Acrylonitrile	53	4.305	4.305	0.0	96	45338	10.2	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	53995	4.86	
34 Methyl tert-butyl ether	73	4.353	4.352	0.0	86	114950	4.77	
35 Hexane	86	4.731	4.743	-0.012	95	15987	5.33	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	119238	4.87	
39 2-Chloro-1,3-butadiene	53		5.039					
37 Vinyl acetate	86	5.039	5.039	0.0	97	5615	4.49	
38 Isopropyl ether	87		5.074					9
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					
43 2,2-Dichloropropane	77	5.642	5.642	0.0	58	34453	4.13	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	57759	4.83	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	95	64574	12.7	
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.796					
46 Methacrylonitrile	41		5.926					
47 Chlorobromomethane	128	5.926	5.926	0.0	86	26015	4.75	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	18079	5.44	
49 Chloroform	83	6.033	6.033	0.0	83	91126	4.79	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	37	62738	4.38	
51 Cyclohexane	56	6.258	6.269	-0.011	92	161198	5.18	
53 Carbon tetrachloride	117	6.388	6.388	0.0	56	55825	5.85	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	79089	5.16	
54 Isobutyl alcohol	41		6.589					
55 Benzene	78	6.601	6.601	0.0	96	225133	5.24	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	82	91055	5.15	
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.896					
59 n-Butanol	56	7.228	7.228	0.0	75	7960	21.0	
60 Trichloroethene	130	7.240	7.240	0.0	90	65046	5.32	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	95	107640	5.01	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	67326	5.32	
65 Dibromomethane	93	7.559	7.559	0.0	83	23798	4.75	
64 Methyl methacrylate	41		7.583					9
66 1,4-Dioxane	88	7.583	7.583	0.0	88	16746	261.1	
67 Dichlorobromomethane	83	7.713	7.713	0.0	89	42296	6.01	
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63	7.985	7.997	-0.012	88	46106	9.65	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	81	47289	5.94	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	95391	9.78	
72 Toluene	91	8.411	8.411	0.0	96	233156	5.16	
73 trans-1,3-Dichloropropene	75	8.601	8.600	0.001	85	34763	5.77	
74 Ethyl methacrylate	69	8.683	8.683	0.0	90	38070	4.41	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	87	37210	5.47	
77 Tetrachloroethene	164	8.885	8.884	0.0	90	51775	5.17	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	61495	5.05	
78 2-Hexanone	43	8.979	8.979	0.0	97	59208	10.3	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	20217	0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorodibromomethane	129	9.098	9.109	-0.011	86	23857	6.20	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	30734	4.59	
81 1-Chlorohexane	91		9.594					
82 Chlorobenzene	112	9.618	9.618	0.0	91	146759	5.06	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	82	36941	3.91	
84 Ethylbenzene	106	9.713	9.713	0.0	98	79935	5.25	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	188635	10.1	
85 o-Xylene	106	10.151	10.151	0.0	94	89170	4.96	
86 Styrene	104	10.162	10.162	0.0	92	122111	4.74	
87 Bromoform	173	10.316	10.328	-0.012	81	9934	6.17	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	240968	5.19	
89 Cyclohexanone	55		10.541					
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	83	35440	4.86	
91 Bromobenzene	156	10.719	10.719	0.0	90	58232	5.12	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	80	13116	5.43	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.754	-0.012	47	13112	4.55	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	66931	5.17	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	60496	5.12	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	95	188838	4.93	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	58281	5.08	
97 tert-Butylbenzene	119	11.227	11.227	0.0	77	186770	5.10	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	190274	5.02	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	247371	5.12	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	98	115139	5.15	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	82	211439	4.96	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	77	114973	5.05	
103 1,2,3-Trimethylbenzene	105		11.618					
105 n-Butylbenzene	91	11.878	11.878	0.0	93	184129	5.24	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	106356	5.08	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	48	3716	4.88	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	81268	4.95	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	67302	4.70	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	38375	5.48	
111 Naphthalene	128	13.440	13.440	0.0	97	121486	4.47	
112 1,2,3-Trichlorobenzene	180	13.630	13.629	0.001	94	59481	5.27	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	31	2119	0.1374	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	19036686	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	22665790	0	
S 137 Trihalomethanes, Total	1				0		23.2	
S 11 1,2-Dichloroethene, Total	96				0		9.69	
S 9 1,3-Dichloropropene, Total	75				0		11.7	
S 114 Xylenes, Total	106				0		15.1	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

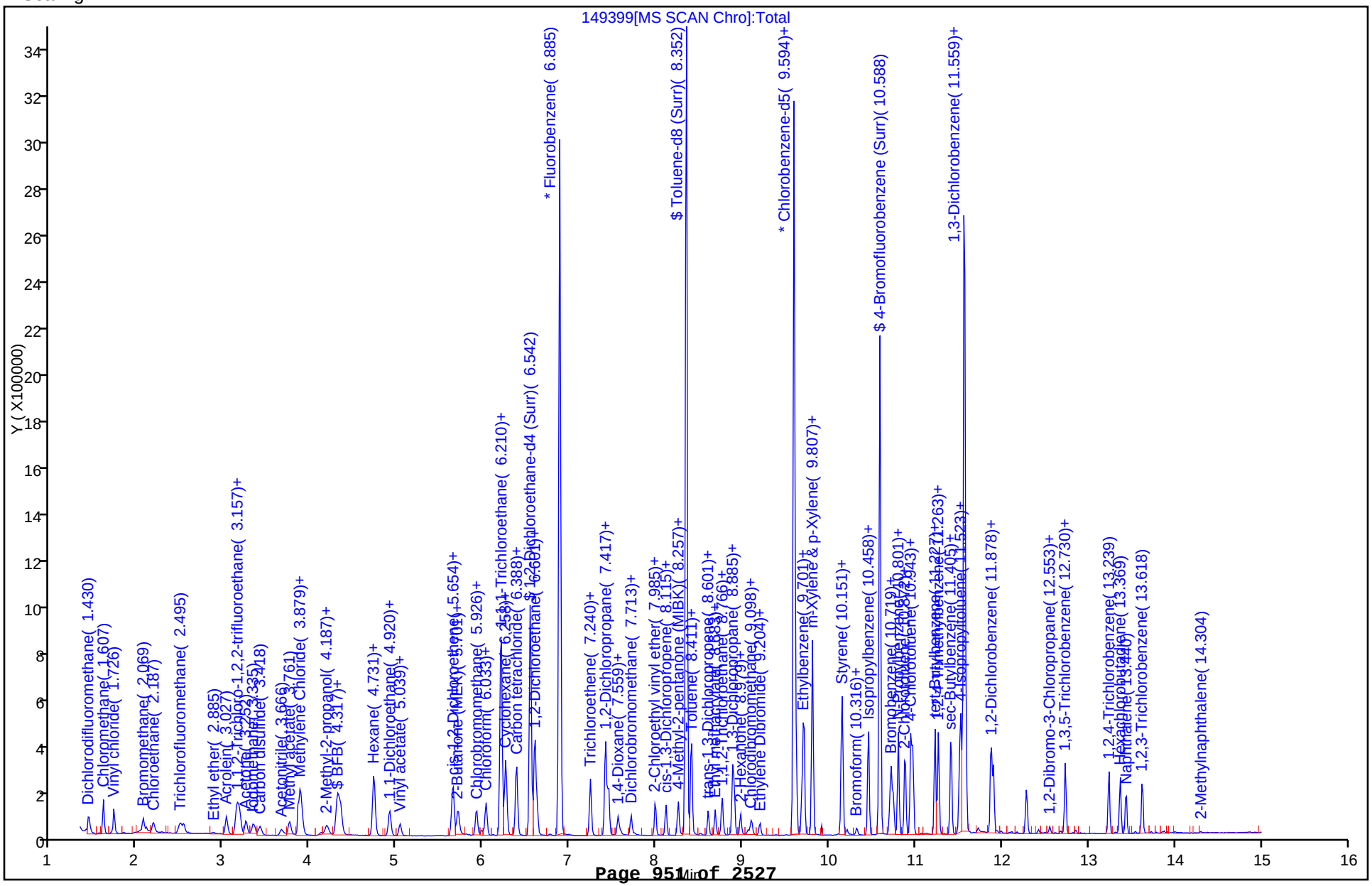
Report Date: 25-Nov-2012 10:57:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149399.D

Injection Date:	23-Nov-2012 21:08:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66063	Lims Sample ID:	34
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66175/5

Matrix: Solid | Lab File ID: 149404.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/25/2012 08:55

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.: 66175 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.00464		0.0010	0.00025	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00487		0.0010	0.00025	0.00018
79-00-5	1,1,2-Trichloroethane	0.00510		0.0010	0.00050	0.00027
75-34-3	1,1-Dichloroethane	0.00511		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00462		0.0010	0.00025	0.00019
107-06-2	1,2-Dichloroethane	0.00536		0.0010	0.00025	0.00022
540-59-0	1,2-Dichloroethene, Total	0.0103		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00514		0.0010	0.00025	0.00018
78-93-3	2-Butanone (MEK)	0.0102		0.010	0.00050	0.00057
591-78-6	2-Hexanone	0.00900	J	0.010	0.00050	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00970	J	0.010	0.00050	0.00032
67-64-1	Acetone	0.0239	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00514		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00667	^	0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00594		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00576		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00606		0.0010	0.00025	0.00013
108-90-7	Chlorobenzene	0.00516		0.0010	0.00025	0.00015
75-27-4	Bromodichloromethane	0.00604		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00538		0.0010	0.00050	0.00030
10061-01-5	cis-1,3-Dichloropropene	0.00602		0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.00637		0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.00528		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00513		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00357		0.0010	0.00050	0.00033
100-42-5	Styrene	0.00473		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00535		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00529		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00515		0.0010	0.00025	0.00016
74-97-5	Bromochloromethane	0.00479		0.0010	0.00050	0.00029
106-93-4	1,2-Dibromoethane	0.00477		0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00606		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00531		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00543		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00591		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0153		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-66175/5

Matrix: Solid Lab File ID: 149404.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/25/2012 08:55

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.: 66175 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		50-150
2037-26-5	Toluene-d8 (Surr)	93		50-150
460-00-4	4-Bromofluorobenzene (Surr)	87		50-150
1868-53-7	Dibromofluoromethane (Surr)	88		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149404.D
Lims ID: QCMRL Client ID:
Inject. Date: 25-Nov-2012 08:55:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: qcmrl
Misc. Info.: 240-0015237-005 =240-0015237-005
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 66175 Lims Sample ID: 5
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 25-Nov-2012 09:14:29

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2259919	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	1303539	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.559	0.012	98	630878	50.0	
$ 4 BFB	95	4.329	4.537	-0.208	0	3568	0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	77	494728	44.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	651448	46.9	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1893852	46.6	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	91	548322	43.6	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
133 Benzyl chloride	126		0.000					
138 Butyl Methacrylate TIC	1		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.442	1.430	0.012	85	65882	5.27	
13 Chloromethane	50	1.607	1.607	0.0	89	120565	5.38	
14 Vinyl chloride	62	1.737	1.737	0.0	83	91273	5.43	
15 Bromomethane	94	2.069	2.069	0.0	92	28403	5.94	
16 Chloroethane	64	2.199	2.187	0.012	94	49384	5.91	
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101	2.507	2.506	0.001	85	60136	4.45	
19 Ethyl ether	59	2.873	2.873	0.0	70	1243	0.1115	
25 Methylal	45		2.932					
20 Acrolein	56	3.027	3.027	0.0	93	74182	44.4	
21 1,1-Dichloroethene	96	3.157	3.145	0.012	82	47340	4.62	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.181	0.012	81	46208	4.84	
22 Acetone	43	3.252	3.252	0.0	97	99181	23.9	
24 Iodomethane	142	3.347	3.347	0.0	100	85395	4.88	
26 Carbon disulfide	76	3.418	3.418	0.0	98	80961	5.76	
27 Acetonitrile	41	3.666	3.666	0.0	95	53882	43.0	
29 3-Chloro-1-propene	76		3.690					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Methyl acetate	43	3.761	3.761	0.0	98	114118	10.6	
30 Methylene Chloride	84	3.891	3.879	0.012	87	80229	3.57	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	88	72667	103.3	
32 Acrylonitrile	53	4.305	4.293	0.012	98	46015	9.51	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	86	61754	5.12	
34 Methyl tert-butyl ether	73	4.353	4.352	0.0	85	134201	5.13	
35 Hexane	86	4.743	4.743	0.0	95	17886	5.49	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	135800	5.11	
37 Vinyl acetate	86	5.039	5.039	0.0	97	4929	3.63	
39 2-Chloro-1,3-butadiene	53		5.039					9
38 Isopropyl ether	87		5.062					
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	62	41952	4.63	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	66761	5.14	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	87	56182	10.2	
44 Propionitrile	54	5.772	5.761	0.011	11	975	0.6551	
45 Ethyl acetate	43	5.796	5.784	0.012	61	6055	0.7510	
47 Chlorobromomethane	128	5.926	5.926	0.0	85	28503	4.79	
46 Methacrylonitrile	41		5.926					9
48 Tetrahydrofuran	42	5.985	5.973	0.012	85	17955	4.98	
49 Chloroform	83	6.033	6.033	0.0	83	106377	5.15	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	38	72216	4.64	
51 Cyclohexane	56	6.258	6.257	0.001	91	172573	5.11	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	87647	5.27	
53 Carbon tetrachloride	117	6.388	6.388	0.0	58	64059	6.06	
54 Isobutyl alcohol	41		6.589					
55 Benzene	78	6.601	6.601	0.0	96	239436	5.14	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	83	103053	5.36	
57 Tert-amyl methyl ether	73		6.731					9
58 n-Heptane	100		6.897					
59 n-Butanol	56	7.228	7.228	0.0	22	4884	3.32	
60 Trichloroethene	130	7.240	7.240	0.0	89	70509	5.31	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	95	118128	5.06	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	89	70536	5.14	
65 Dibromomethane	93	7.559	7.559	0.0	85	27165	4.99	
64 Methyl methacrylate	41		7.571					9
66 1,4-Dioxane	88	7.583	7.583	0.0	87	13863	199.1	
67 Dichlorobromomethane	83	7.713	7.713	0.0	88	46446	6.04	
68 2-Nitropropane	41		7.914					
69 2-Chloroethyl vinyl ether	63	7.985	7.985	0.0	88	40962	7.90	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	79	52727	6.02	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	94333	9.70	
72 Toluene	91	8.411	8.411	0.0	90	238098	5.29	
73 trans-1,3-Dichloropropene	75	8.601	8.600	0.001	88	38297	6.06	
74 Ethyl methacrylate	69	8.683	8.683	0.0	90	37965	4.41	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	34564	5.10	
77 Tetrachloroethene	164	8.885	8.884	0.0	90	53406	5.35	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	61813	5.09	
78 2-Hexanone	43	8.979	8.979	0.0	97	51690	9.00	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	15573	0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorodibromomethane	129	9.098	9.109	-0.011	87	25312	6.37	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	31858	4.77	
81 1-Chlorohexane	91		9.594					
82 Chlorobenzene	112	9.618	9.618	0.0	91	149282	5.16	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	82	39453	4.19	
84 Ethylbenzene	106	9.713	9.713	0.0	98	80210	5.28	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	188523	10.2	
85 o-Xylene	106	10.151	10.150	0.001	94	91425	5.09	
86 Styrene	104	10.151	10.150	0.001	86	121400	4.73	
87 Bromoform	173	10.316	10.316	0.0	95	11703	6.67	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	234079	5.05	
89 Cyclohexanone	55	10.541	10.541	0.0	20	5225	2.79	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	85	34516	4.87	
91 Bromobenzene	156	10.719	10.718	0.001	93	56908	5.15	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	78	12318	5.25	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.742	0.0	52	14403	5.15	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	63314	5.04	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	58130	5.07	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	96	186998	5.03	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	58137	5.22	
97 tert-Butylbenzene	119	11.227	11.227	0.0	82	181009	5.09	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	184824	5.03	
99 sec-Butylbenzene	105	11.405	11.405	0.0	95	245569	5.24	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	109363	5.04	
101 4-Isopropyltoluene	119	11.523	11.523	0.0	86	211067	5.10	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	82	112962	5.12	
103 1,2,3-Trimethylbenzene	105	11.618	11.618	0.0	21	5434	0.1438	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	175453	5.15	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	104671	5.15	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	52	4461	5.69	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	83257	5.23	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	92	69750	5.02	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	93	40209	5.91	
111 Naphthalene	128	13.440	13.440	0.0	97	128075	4.86	
112 1,2,3-Trichlorobenzene	180	13.618	13.618	0.0	94	61265	5.60	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	88	27435	1.83	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	19340503	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	22754957	0	
S 137 Trihalomethanes, Total	1				0		24.2	
S 11 1,2-Dichloroethene, Total	96				0		10.3	
S 9 1,3-Dichloropropene, Total	75				0		12.1	
S 114 Xylenes, Total	106				0		15.2	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

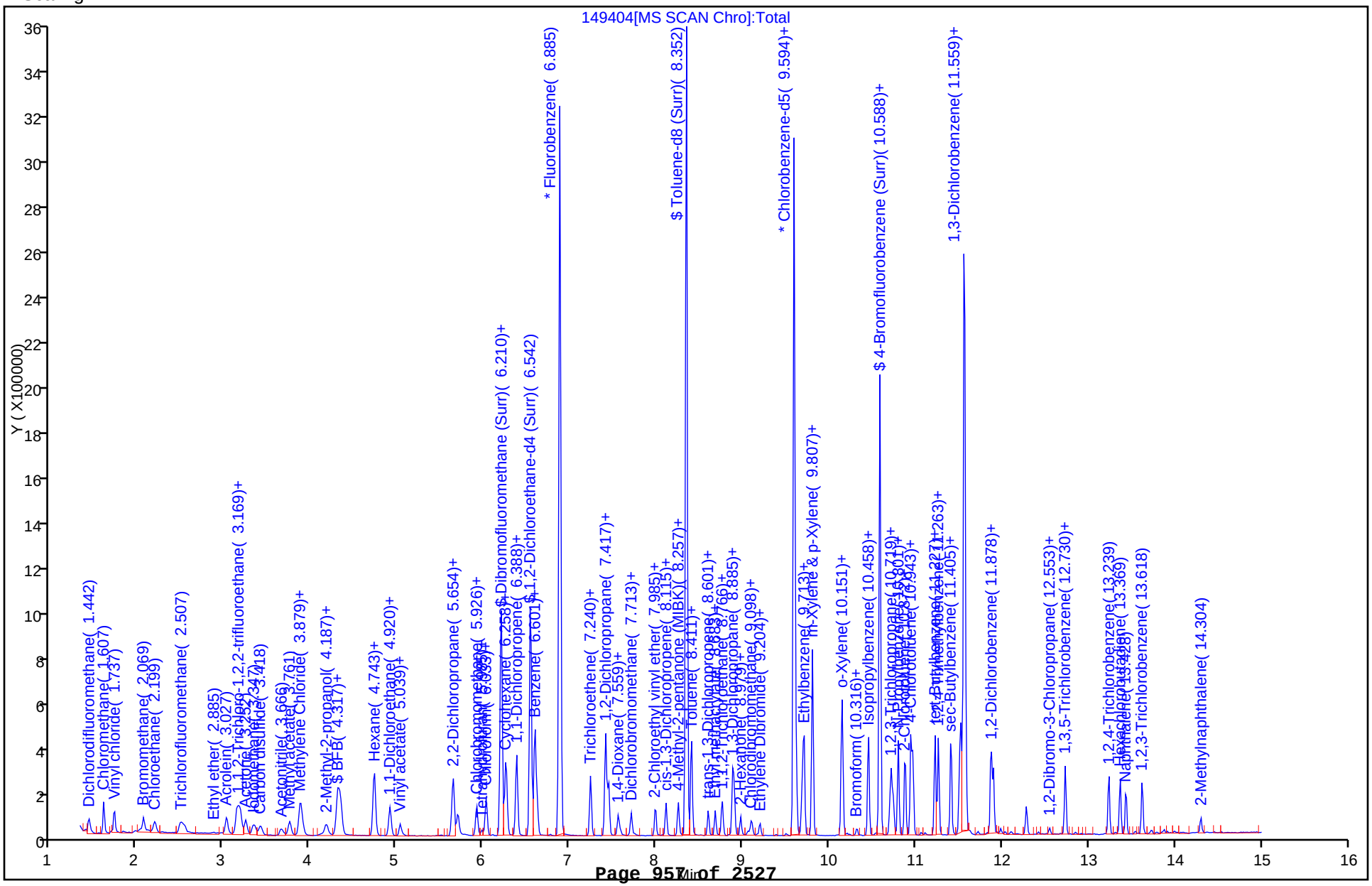
Report Date: 27-Nov-2012 11:11:51 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149404.D

Injection Date:	25-Nov-2012 08:55:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	5
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66175/33

Matrix: Solid | Lab File ID: 149432.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/25/2012 18:58

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.: 66175 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.00416		0.0010	0.00025	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00479		0.0010	0.00025	0.00018
79-00-5	1,1,2-Trichloroethane	0.00527		0.0010	0.00050	0.00027
75-34-3	1,1-Dichloroethane	0.00487		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00460		0.0010	0.00025	0.00019
107-06-2	1,2-Dichloroethane	0.00527		0.0010	0.00025	0.00022
540-59-0	1,2-Dichloroethene, Total	0.00950		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00525		0.0010	0.00025	0.00018
78-93-3	2-Butanone (MEK)	0.0110		0.010	0.00050	0.00057
591-78-6	2-Hexanone	0.00929	J	0.010	0.00050	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00958	J	0.010	0.00050	0.00032
67-64-1	Acetone	0.0335	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00517		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00639		0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00525		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00495		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00561		0.0010	0.00025	0.00013
108-90-7	Chlorobenzene	0.00514		0.0010	0.00025	0.00015
75-27-4	Bromodichloromethane	0.00578		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00493		0.0010	0.00050	0.00030
10061-01-5	cis-1,3-Dichloropropene	0.00583		0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.00608		0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.00502		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	0.00317	^	0.0010	0.00050	0.00033
100-42-5	Styrene	0.00443		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00492		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00525		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00475		0.0010	0.00025	0.00016
74-97-5	Bromochloromethane	0.00466		0.0010	0.00050	0.00029
106-93-4	1,2-Dibromoethane	0.00482		0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00586		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00522		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00467		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00442		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0148		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-66175/33

Matrix: Solid Lab File ID: 149432.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/25/2012 18:58

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.: 66175 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)	92		50-150
460-00-4	4-Bromofluorobenzene (Surr)	86		50-150
1868-53-7	Dibromofluoromethane (Surr)	84		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149432.D
Lims ID: QCMRL Client ID:
Inject. Date: 25-Nov-2012 18:58:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: qcmrl
Misc. Info.: 240-0015237-033 =240-0015237-033
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 32
Lims Batch ID: 66175 Lims Sample ID: 33
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121125-15237.b\8260_14.m
Last Update: 27-Nov-2012 11:11:50 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 09:03:25

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2222586	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	91	1305319	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.0	98	644968	50.0	
$ 4 BFB	95	4.317	4.537	-0.220	0	2758	0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	67	461276	41.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	634622	46.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1866435	45.8	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	553160	43.0	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
133 Benzyl chloride	126		0.000					
138 Butyl Methacrylate TIC	1		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.442	1.430	0.012	85	57730	4.70	
13 Chloromethane	50	1.607	1.607	0.0	89	108577	4.93	
14 Vinyl chloride	62	1.737	1.737	0.0	83	77137	4.67	
15 Bromomethane	94	2.069	2.069	0.0	90	24696	5.25	
16 Chloroethane	64	2.187	2.187	0.0	91	36322	4.42	
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101	2.507	2.506	0.0	82	47432	3.57	
19 Ethyl ether	59		2.873					9
25 Methylal	45		2.932					9
20 Acrolein	56	3.039	3.027	0.012	90	71107	43.3	
21 1,1-Dichloroethene	96	3.157	3.145	0.012	81	46314	4.60	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.181	0.012	81	45845	4.88	
22 Acetone	43	3.264	3.252	0.012	97	128185	33.5	
24 Iodomethane	142	3.347	3.347	0.0	99	77836	4.52	
26 Carbon disulfide	76	3.429	3.418	0.011	98	56958	4.95	
27 Acetonitrile	41	3.678	3.666	0.012	99	70592	57.2	
29 3-Chloro-1-propene	76		3.690					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Methyl acetate	43	3.761	3.761	0.0	97	120354	11.4	
30 Methylene Chloride	84	3.891	3.879	0.012	87	74599	3.17	
31 2-Methyl-2-propanol	59	4.199	4.187	0.012	85	77547	112.1	
32 Acrylonitrile	53	4.305	4.293	0.012	96	48024	10.1	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	86	54052	4.55	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	86	130075	5.05	
35 Hexane	86	4.743	4.743	0.0	95	17950	5.60	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	127258	4.87	
37 Vinyl acetate	86	5.051	5.039	0.012	96	3345	2.50	
39 2-Chloro-1,3-butadiene	53		5.039					
38 Isopropyl ether	87		5.062					
40 Tert-butyl ethyl ether	59		5.524					9
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	69	32766	3.67	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	63278	4.95	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	91	60062	11.0	
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.784					
47 Chlorobromomethane	128	5.926	5.926	0.0	85	27264	4.66	
46 Methacrylonitrile	41		5.926					9
48 Tetrahydrofuran	42	5.985	5.973	0.012	90	19925	5.62	
49 Chloroform	83	6.033	6.033	0.0	83	96513	4.75	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	36	63622	4.16	
51 Cyclohexane	56	6.258	6.257	0.001	91	159985	4.82	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	82391	5.03	
53 Carbon tetrachloride	117	6.388	6.388	0.0	57	55837	5.61	
54 Isobutyl alcohol	41	6.601	6.589	0.012	28	499	1.55	
55 Benzene	78	6.601	6.601	0.0	94	237094	5.17	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	82	99517	5.27	
57 Tert-amyl methyl ether	73		6.731					9
58 n-Heptane	100		6.897					
59 n-Butanol	56	7.228	7.228	0.0	87	11885	43.6	
60 Trichloroethene	130	7.240	7.240	0.0	90	68135	5.22	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	96	109711	4.78	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	91	70923	5.25	
65 Dibromomethane	93	7.559	7.559	0.0	85	26133	4.88	
64 Methyl methacrylate	41		7.571					9
66 1,4-Dioxane	88	7.583	7.583	0.0	87	18737	273.6	
67 Dichlorobromomethane	83	7.713	7.713	0.0	89	42122	5.78	
68 2-Nitropropane	41		7.914					
69 2-Chloroethyl vinyl ether	63	7.985	7.985	0.0	90	44184	8.66	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	80	48734	5.83	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	93283	9.58	
72 Toluene	91	8.411	8.411	0.0	89	236798	5.25	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	89	35888	5.86	
74 Ethyl methacrylate	69	8.683	8.683	0.0	91	37225	4.32	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	35772	5.27	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	49192	4.92	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	64560	5.31	
78 2-Hexanone	43	8.979	8.979	0.0	95	53397	9.29	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	20621	0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorodibromomethane	129	9.109	9.109	0.0	84	22843	6.08	
123 Ethylene Dibromide	107	9.204	9.204	0.0	97	32224	4.82	
81 1-Chlorohexane	91		9.594					
82 Chlorobenzene	112	9.618	9.618	0.0	91	148800	5.14	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	82	37854	4.01	
84 Ethylbenzene	106	9.713	9.713	0.0	98	76350	5.02	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	97	182952	9.84	
85 o-Xylene	106	10.151	10.150	0.001	93	89113	4.96	
86 Styrene	104	10.151	10.150	0.001	87	113910	4.43	
87 Bromoform	173	10.316	10.316	0.0	96	10718	6.39	
88 Isopropylbenzene	105	10.458	10.458	0.0	97	233576	5.03	
89 Cyclohexanone	55		10.541					
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	80	34645	4.79	
91 Bromobenzene	156	10.719	10.718	0.001	90	55061	4.88	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	78	13174	5.49	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.742	0.0	46	13030	4.55	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	60952	4.74	
95 2-Chlorotoluene	126	10.884	10.884	0.0	96	56570	4.83	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	96	180935	4.76	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	53312	4.68	
97 tert-Butylbenzene	119	11.227	11.227	0.0	82	181301	4.99	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	176699	4.70	
99 sec-Butylbenzene	105	11.405	11.405	0.0	96	234606	4.89	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	104219	4.70	
101 4-Isopropyltoluene	119	11.523	11.523	0.0	87	199604	4.72	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	76	106559	4.72	
103 1,2,3-Trimethylbenzene	105		11.618					
105 n-Butylbenzene	91	11.878	11.878	0.0	94	160432	4.60	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	101707	4.89	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	54	4326	5.47	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	96	71179	4.37	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	64369	4.53	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	91	37585	5.41	
111 Naphthalene	128	13.440	13.440	0.0	97	121171	4.50	
112 1,2,3-Trichlorobenzene	180	13.618	13.618	0.0	93	59526	5.32	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	44	3470	0.2267	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	19104946	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	22495166	0	
S 137 Trihalomethanes, Total	1				0		23.0	
S 11 1,2-Dichloroethene, Total	96				0		9.51	
S 9 1,3-Dichloropropene, Total	75				0		11.7	
S 114 Xylenes, Total	106				0		14.8	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

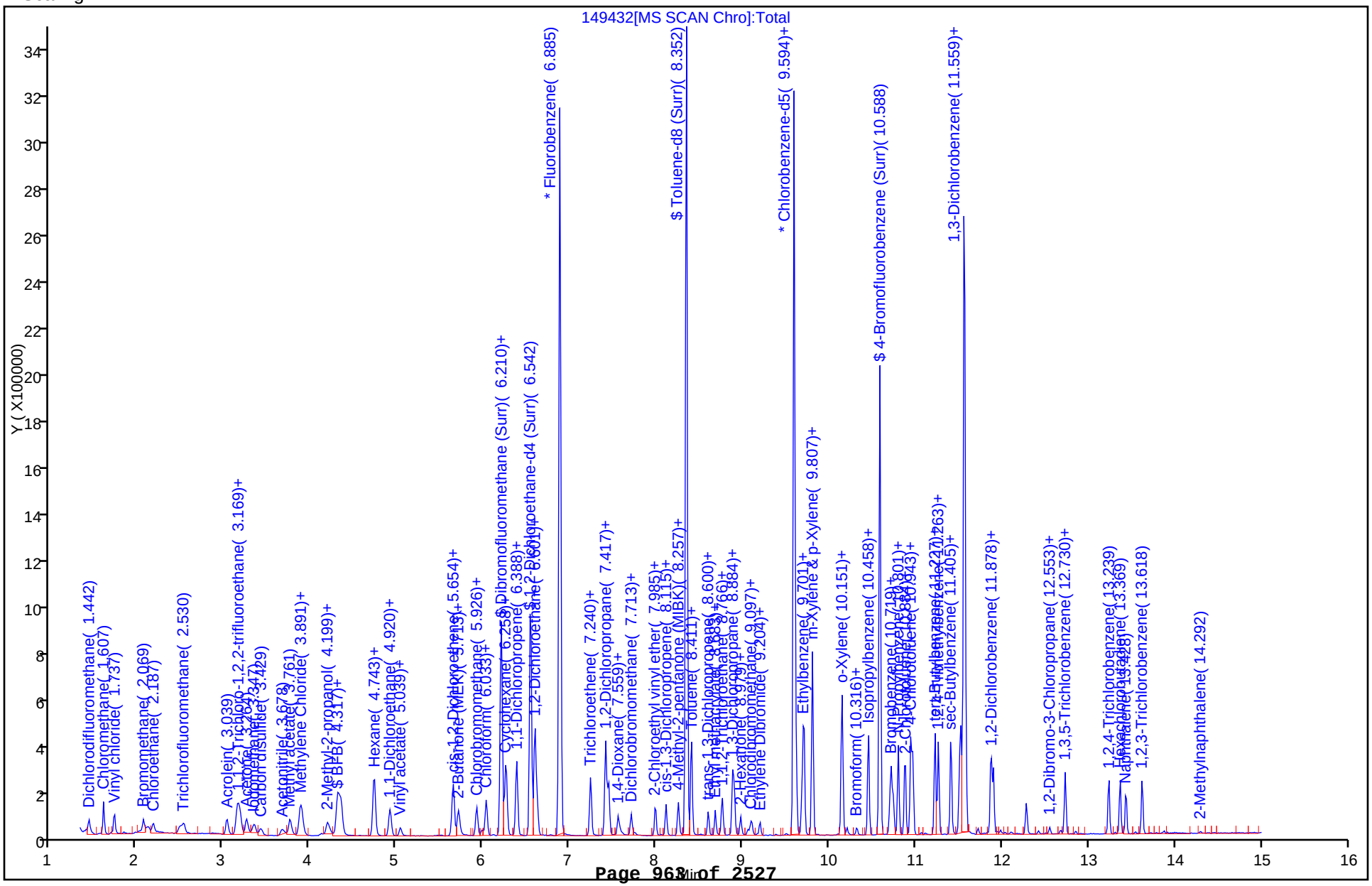
Report Date: 27-Nov-2012 11:12:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121125-15237.b\149432.D

Injection Date:	25-Nov-2012 18:58:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66175	Lims Sample ID:	33
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66239/5

Matrix: Solid | Lab File ID: 149438.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/26/2012 13:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 66239 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.00444		0.0010	0.00025	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00490		0.0010	0.00025	0.00018
79-00-5	1,1,2-Trichloroethane	0.00488		0.0010	0.00050	0.00027
75-34-3	1,1-Dichloroethane	0.00480		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00478		0.0010	0.00025	0.00019
107-06-2	1,2-Dichloroethane	0.00498		0.0010	0.00025	0.00022
540-59-0	1,2-Dichloroethene, Total	0.00972		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00503		0.0010	0.00025	0.00018
78-93-3	2-Butanone (MEK)	0.0113		0.010	0.00050	0.00057
591-78-6	2-Hexanone	0.0108		0.010	0.00050	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00995	J	0.010	0.00050	0.00032
67-64-1	Acetone	0.0220	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00493		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00660	^	0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00506		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00569		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00576		0.0010	0.00025	0.00013
108-90-7	Chlorobenzene	0.00496		0.0010	0.00025	0.00015
75-27-4	Bromodichloromethane	0.00597		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00484		0.0010	0.00050	0.00030
10061-01-5	cis-1,3-Dichloropropene	0.00604		0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.00624		0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.00498		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00493		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00481		0.0010	0.00050	0.00033
100-42-5	Styrene	0.00470		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00530		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00505		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00481		0.0010	0.00025	0.00016
74-97-5	Bromochloromethane	0.00476		0.0010	0.00050	0.00029
106-93-4	1,2-Dibromoethane	0.00483		0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00608		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00516		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00498		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00467		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0152		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-66239/5

Matrix: Solid Lab File ID: 149438.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/26/2012 13:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 66239 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)	91		50-150
460-00-4	4-Bromofluorobenzene (Surr)	89		50-150
1868-53-7	Dibromofluoromethane (Surr)	86		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149438.D
Lims ID: QCMRL Client ID:
Inject. Date: 26-Nov-2012 13:11:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: qcmrl
Misc. Info.: 240-0015258-005 =240-0015258-005
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 66239 Lims Sample ID: 5
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121126-15258.b\8260_14.m
Last Update: 27-Nov-2012 09:27:58 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 26-Nov-2012 13:35:20

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2318648	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.595	-0.001	97	1369591	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.559	0.0	99	680239	50.0	
$ 4 BFB	95	4.317	4.538	-0.221	0	3163	0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	76	496890	43.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	92	666055	46.7	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1949043	45.6	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.589	0.0	90	601060	44.3	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.441	1.430	0.011	95	59168	4.62	
13 Chloromethane	50	1.607	1.607	0.0	89	111252	4.84	
14 Vinyl chloride	62	1.737	1.737	0.0	83	85804	4.98	
15 Bromomethane	94	2.069	2.069	0.0	91	24830	5.06	
16 Chloroethane	64	2.187	2.187	0.0	89	40028	4.67	
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	83	56755	4.09	
19 Ethyl ether	59		2.873					9
25 Methylal	45		2.932					9
20 Acrolein	56	3.039	3.027	0.012	92	84279	49.2	
21 1,1-Dichloroethene	96	3.157	3.146	0.011	82	50199	4.78	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.181	0.012	79	46735	4.77	
22 Acetone	43	3.252	3.252	0.0	97	95295	22.0	
24 Iodomethane	142	3.347	3.347	0.0	98	87782	4.89	
26 Carbon disulfide	76	3.418	3.418	0.0	98	81093	5.69	
27 Acetonitrile	41	3.666	3.654	0.012	99	68860	53.5	
29 3-Chloro-1-propene	76		3.690					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Methyl acetate	43	3.761	3.761	0.0	98	119961	10.9	
30 Methylene Chloride	84	3.879	3.879	0.0	88	96091	4.81	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	86	75898	105.2	
32 Acrylonitrile	53	4.305	4.293	0.012	96	53718	10.8	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	87	61172	4.94	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	86	132376	4.93	
35 Hexane	86	4.743	4.743	0.0	95	17129	5.13	
36 1,1-Dichloroethane	63	4.920	4.921	-0.001	86	130740	4.80	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86	5.050	5.039	0.011	97	4881	3.50	
38 Isopropyl ether	87		5.074					
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	71	41252	4.43	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	77	63681	4.78	
41 2-Butanone (MEK)	43	5.701	5.702	-0.001	95	64169	11.3	
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					
47 Chlorobromomethane	128	5.926	5.926	0.0	88	29072	4.76	
48 Tetrahydrofuran	42	5.985	5.974	0.011	89	18615	5.03	
49 Chloroform	83	6.033	6.033	0.0	84	101970	4.81	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	36	70859	4.44	
51 Cyclohexane	56	6.257	6.258	-0.001	92	164985	4.76	
53 Carbon tetrachloride	117	6.388	6.388	0.0	60	60656	5.76	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	81	84296	4.94	
54 Isobutyl alcohol	41		6.589					
55 Benzene	78	6.601	6.601	0.0	95	235846	4.93	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	83	98151	4.98	
57 Tert-amyl methyl ether	73		6.743					9
58 n-Heptane	100		6.896					
59 n-Butanol	56		7.228					
60 Trichloroethene	130	7.240	7.240	0.0	90	70270	5.16	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	95	115516	4.82	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	70860	5.03	
65 Dibromomethane	93	7.559	7.559	0.0	87	26940	4.82	
64 Methyl methacrylate	41		7.571					9
66 1,4-Dioxane	88	7.583	7.583	0.0	92	16909	236.6	
67 Dichlorobromomethane	83	7.713	7.713	0.0	89	46538	5.97	
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63	7.997	7.985	0.012	90	47012	8.84	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	79	54392	6.04	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	101689	9.95	
72 Toluene	91	8.411	8.411	0.0	96	238943	5.05	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	88	40476	6.08	
74 Ethyl methacrylate	69	8.683	8.683	0.0	90	37688	4.16	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	34796	4.88	
77 Tetrachloroethene	164	8.884	8.885	-0.001	91	55613	5.30	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	64548	5.06	
78 2-Hexanone	43	8.979	8.979	0.0	98	64905	10.8	
132 n-Butyl acetate	43		9.086					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorodibromomethane	129	9.109	9.109	0.0	89	25447	6.24	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	33876	4.83	
81 1-Chlorohexane	91		9.594					
82 Chlorobenzene	112	9.618	9.618	0.0	91	150822	4.96	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	79	40998	4.14	
84 Ethylbenzene	106	9.713	9.713	0.0	98	79536	4.98	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	98	196304	10.1	
85 o-Xylene	106	10.150	10.151	-0.001	94	96309	5.11	
86 Styrene	104	10.162	10.151	0.011	93	126927	4.70	
87 Bromoform	173	10.316	10.316	0.0	94	12037	6.60	
88 Isopropylbenzene	105	10.458	10.458	0.0	97	247484	5.08	
89 Cyclohexanone	55		10.541					
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	79	37416	4.90	
91 Bromobenzene	156	10.718	10.719	-0.001	92	59776	5.02	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	83	13819	5.46	
93 trans-1,4-Dichloro-2-butene	53	10.742	10.742	0.0	54	13934	4.62	
94 N-Propylbenzene	120	10.801	10.802	-0.001	97	68773	5.07	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	61205	4.95	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	95	195855	4.88	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	62255	5.18	
97 tert-Butylbenzene	119	11.227	11.227	0.0	83	189287	4.94	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	195519	4.93	
99 sec-Butylbenzene	105	11.405	11.405	0.0	95	255010	5.04	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	115522	4.94	
101 4-Isopropyltoluene	119	11.523	11.523	0.0	85	220440	4.94	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	86	117817	4.95	
103 1,2,3-Trimethylbenzene	105		11.618					
105 n-Butylbenzene	91	11.878	11.866	0.012	94	177517	4.83	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	111977	5.11	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	59	4920	5.79	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	90002	5.24	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	75291	5.03	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	40309	5.50	
111 Naphthalene	128	13.440	13.440	0.0	97	137646	4.84	
112 1,2,3-Trichlorobenzene	180	13.618	13.618	0.0	94	66384	5.62	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	55	7579	0.4695	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	19722184	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	23235545	0	
S 137 Trihalomethanes, Total	1				0		23.6	
S 11 1,2-Dichloroethene, Total	96				0		9.72	
S 9 1,3-Dichloropropene, Total	75				0		12.1	
S 114 Xylenes, Total	106				0		15.2	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

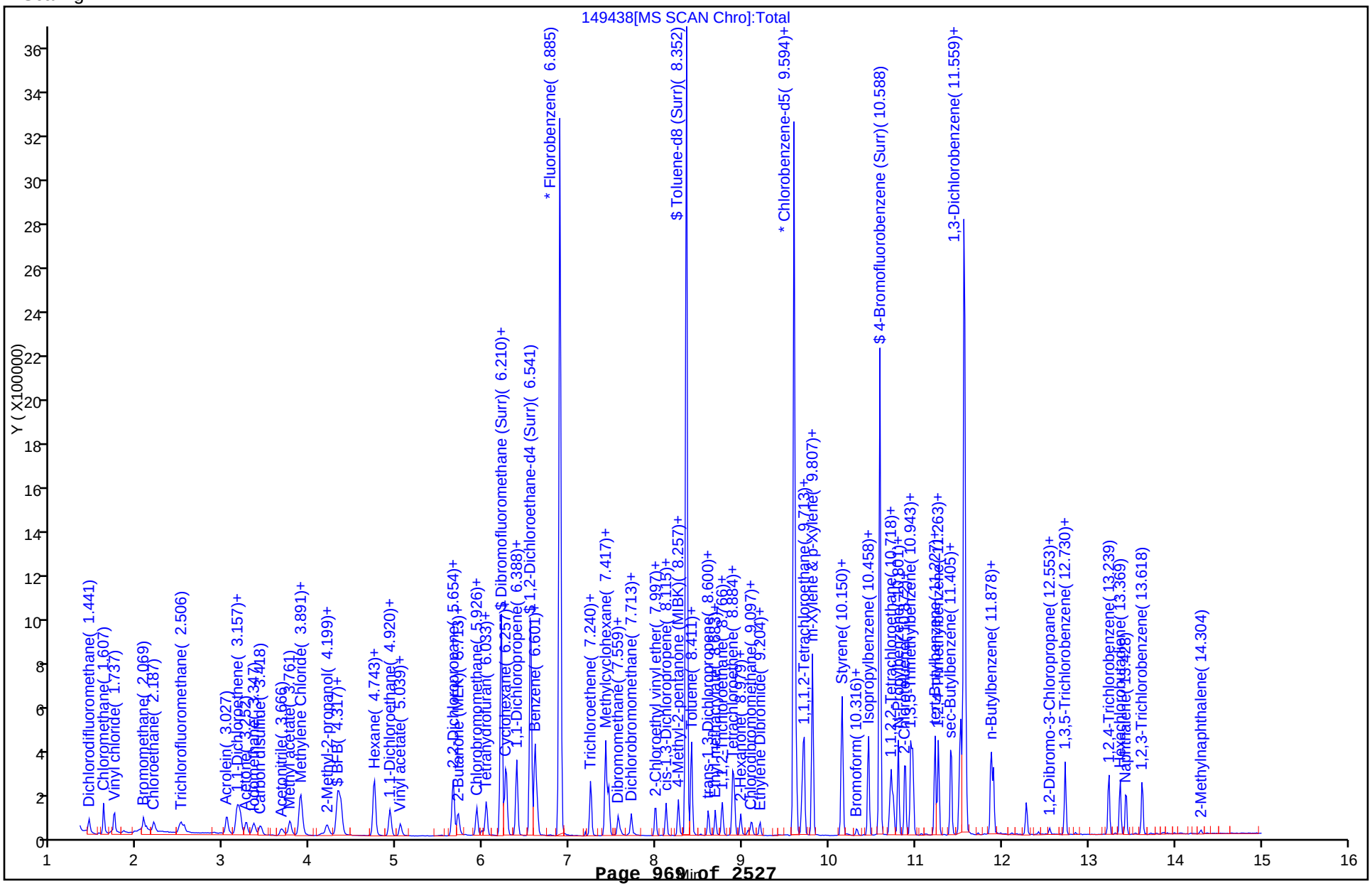
Report Date: 27-Nov-2012 09:28:00 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149438.D

Injection Date:	26-Nov-2012 13:11:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	5
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66239/31

Matrix: Solid | Lab File ID: 149464.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/26/2012 22:31

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.: 66239 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.00449		0.0010	0.00025	0.00022
79-34-5	1,1,2,2-Tetrachloroethane	0.00514		0.0010	0.00025	0.00018
79-00-5	1,1,2-Trichloroethane	0.00543		0.0010	0.00050	0.00027
75-34-3	1,1-Dichloroethane	0.00504		0.0010	0.00025	0.00015
75-35-4	1,1-Dichloroethene	0.00487		0.0010	0.00025	0.00019
107-06-2	1,2-Dichloroethane	0.00525		0.0010	0.00025	0.00022
540-59-0	1,2-Dichloroethene, Total	0.00996		0.0020	0.00050	0.00034
78-87-5	1,2-Dichloropropane	0.00517		0.0010	0.00025	0.00018
78-93-3	2-Butanone (MEK)	0.0113		0.010	0.00050	0.00057
591-78-6	2-Hexanone	0.00898	J	0.010	0.00050	0.00041
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00946	J	0.010	0.00050	0.00032
67-64-1	Acetone	0.0323	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00538		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00644		0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00523		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00541		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00553		0.0010	0.00025	0.00013
108-90-7	Chlorobenzene	0.00524		0.0010	0.00025	0.00015
75-27-4	Bromodichloromethane	0.00596		0.0010	0.00025	0.00015
74-87-3	Chloromethane	0.00462		0.0010	0.00050	0.00030
10061-01-5	cis-1,3-Dichloropropene	0.00591		0.0010	0.00025	0.00014
124-48-1	Dibromochloromethane	0.00634		0.0010	0.00025	0.00018
100-41-4	Ethylbenzene	0.00538		0.0010	0.00025	0.00017
1634-04-4	Methyl tert-butyl ether	0.00499		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00800	^	0.0010	0.00050	0.00033
100-42-5	Styrene	0.00477		0.0010	0.00025	0.00011
127-18-4	Tetrachloroethene	0.00534		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00551		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00490		0.0010	0.00025	0.00016
74-97-5	Bromochloromethane	0.00502		0.0010	0.00050	0.00029
106-93-4	1,2-Dibromoethane	0.00497		0.0010	0.00025	0.00024
10061-02-6	trans-1,3-Dichloropropene	0.00587		0.0010	0.00025	0.00019
79-01-6	Trichloroethene	0.00532		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00468		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00487		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0157		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-66239/31

Matrix: Solid Lab File ID: 149464.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/26/2012 22:31

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.: 66239 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		50-150
2037-26-5	Toluene-d8 (Surr)	94		50-150
460-00-4	4-Bromofluorobenzene (Surr)	88		50-150
1868-53-7	Dibromofluoromethane (Surr)	85		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149464.D
Lims ID: QCMRL Client ID:
Inject. Date: 26-Nov-2012 22:31:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: qcmrl
Misc. Info.: 240-0015258-031 =240-0015258-031
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 31
Lims Batch ID: 66239 Lims Sample ID: 31
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121126-15258.b\8260_14.m
Last Update: 27-Nov-2012 09:27:58 Calib Date: 23-Nov-2012 13:03:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121123-15202.b\149377.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK019

First Level Reviewer: macenczaks Date: 27-Nov-2012 09:04:23

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	2221378	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.595	-0.001	97	1269554	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.559	0.012	99	622360	50.0	
$ 4 BFB	95	4.329	4.538	-0.209	0	3047	0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	76	467374	42.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	623567	45.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	1865448	47.1	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.589	0.0	90	546939	44.1	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.442	1.430	0.012	86	50712	4.13	
13 Chloromethane	50	1.607	1.607	0.0	89	101695	4.62	
14 Vinyl chloride	62	1.737	1.737	0.0	83	77211	4.68	
15 Bromomethane	94	2.069	2.069	0.0	91	24579	5.23	
16 Chloroethane	64	2.187	2.187	0.0	99	40000	4.87	
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101	2.495	2.507	-0.012	81	52016	3.91	
19 Ethyl ether	59	2.873	2.873	0.0	84	3549	0.3240	
25 Methylal	45		2.932					
20 Acrolein	56	3.039	3.027	0.012	95	71158	43.3	
21 1,1-Dichloroethene	96	3.157	3.146	0.011	83	48999	4.87	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.181	0.012	80	46829	4.99	
22 Acetone	43	3.264	3.252	0.012	98	124286	32.3	
24 Iodomethane	142	3.347	3.347	0.0	98	83137	4.83	
26 Carbon disulfide	76	3.418	3.418	0.0	98	69850	5.41	
27 Acetonitrile	41	3.666	3.654	0.012	98	65622	53.2	
29 3-Chloro-1-propene	76		3.690					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Methyl acetate	43	3.761	3.761	0.0	97	116247	11.0	
30 Methylene Chloride	84	3.891	3.879	0.012	88	126094	8.00	
31 2-Methyl-2-propanol	59	4.199	4.187	0.012	85	77937	112.7	
32 Acrylonitrile	53	4.305	4.293	0.012	98	48602	10.2	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	60115	5.07	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	85	128476	4.99	
35 Hexane	86	4.743	4.743	0.0	95	17018	5.32	
36 1,1-Dichloroethane	63	4.920	4.921	-0.001	86	131526	5.04	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86	5.039	5.039	0.0	97	4844	3.63	
38 Isopropyl ether	87		5.074					9
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	62	40126	4.50	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	62480	4.89	
41 2-Butanone (MEK)	43	5.701	5.702	-0.001	89	61518	11.3	
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					
47 Chlorobromomethane	128	5.926	5.926	0.0	86	29351	5.02	
48 Tetrahydrofuran	42	5.985	5.974	0.011	90	18726	5.28	
49 Chloroform	83	6.033	6.033	0.0	83	99460	4.90	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	36	68712	4.49	
51 Cyclohexane	56	6.258	6.258	0.0	91	167186	5.04	
53 Carbon tetrachloride	117	6.388	6.388	0.0	60	54557	5.53	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	85266	5.21	
54 Isobutyl alcohol	41		6.589					
55 Benzene	78	6.601	6.601	0.0	95	246527	5.38	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	82	99045	5.25	
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.896					
59 n-Butanol	56		7.228					
60 Trichloroethene	130	7.240	7.240	0.0	89	69457	5.32	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	95	117303	5.11	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	91	69753	5.17	
65 Dibromomethane	93	7.559	7.559	0.0	89	25993	4.86	
64 Methyl methacrylate	41		7.571					9
66 1,4-Dioxane	88	7.595	7.583	0.012	91	17331	253.2	
67 Dichlorobromomethane	83	7.713	7.713	0.0	90	44533	5.96	
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63	7.985	7.985	0.0	90	39365	7.72	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	80	50011	5.91	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	89647	9.46	
72 Toluene	91	8.411	8.411	0.0	90	241727	5.51	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	87	34976	5.87	
74 Ethyl methacrylate	69	8.683	8.683	0.0	91	36336	4.33	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	35891	5.43	
77 Tetrachloroethene	164	8.884	8.885	-0.001	90	51976	5.34	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	91	63598	5.38	
78 2-Hexanone	43	8.979	8.979	0.0	98	50209	8.98	
132 n-Butyl acetate	43		9.086					1

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorodibromomethane	129	9.109	9.109	0.0	86	24386	6.34	
123 Ethylene Dibromide	107	9.204	9.204	0.0	96	32324	4.97	
81 1-Chlorohexane	91		9.594					9
82 Chlorobenzene	112	9.618	9.618	0.0	91	147779	5.24	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	82	39059	4.26	
84 Ethylbenzene	106	9.713	9.713	0.0	98	79609	5.38	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	97	185573	10.3	
85 o-Xylene	106	10.151	10.151	0.0	94	94613	5.41	
86 Styrene	104	10.162	10.151	0.011	92	119220	4.77	
87 Bromoform	173	10.316	10.316	0.0	94	10609	6.44	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	238037	5.27	
89 Cyclohexanone	55		10.541					
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	83	35904	5.14	
91 Bromobenzene	156	10.719	10.719	0.0	90	54162	4.97	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	80	12992	5.61	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.742	0.012	38	12520	4.53	
94 N-Propylbenzene	120	10.801	10.802	-0.001	97	64722	5.22	
95 2-Chlorotoluene	126	10.884	10.884	0.0	96	59372	5.25	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	95	187564	5.11	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	58055	5.28	
97 tert-Butylbenzene	119	11.227	11.227	0.0	85	179265	5.11	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	188197	5.19	
99 sec-Butylbenzene	105	11.405	11.405	0.0	96	242485	5.24	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	109161	5.10	
101 4-Isopropyltoluene	119	11.523	11.523	0.0	86	212017	5.20	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	80	110737	5.08	
103 1,2,3-Trimethylbenzene	105		11.618					
105 n-Butylbenzene	91	11.878	11.866	0.012	93	176922	5.26	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	104235	5.20	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	47	3708	5.03	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	96	86494	5.51	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	74658	5.45	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	91	42628	6.36	
111 Naphthalene	128	13.440	13.440	0.0	97	125621	4.83	
112 1,2,3-Trichlorobenzene	180	13.618	13.618	0.0	94	66057	6.12	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	42	2491	0.1686	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	19779604	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	24043683	0	
S 137 Trihalomethanes, Total	1				0		23.6	
S 11 1,2-Dichloroethene, Total	96				0		9.96	
S 9 1,3-Dichloropropene, Total	75				0		11.8	
S 114 Xylenes, Total	106				0		15.7	

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

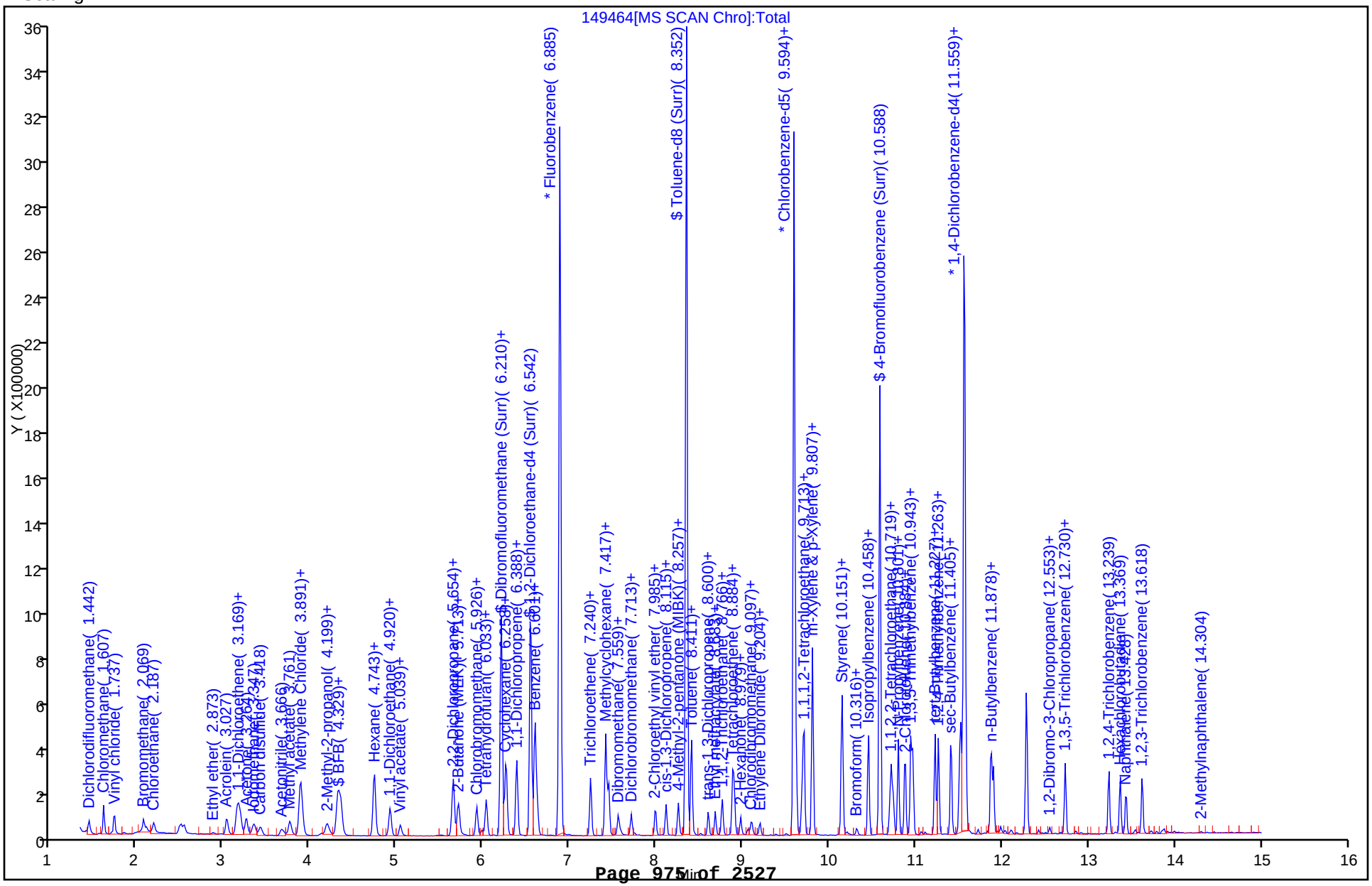
Report Date: 27-Nov-2012 09:28:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121126-15258.b\149464.D

Injection Date:	26-Nov-2012 22:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	66239	Lims Sample ID:	31
Operator ID:	002808	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.: 240-17768-1

SDG No.:

Instrument ID: A3UX10 Start Date: 11/12/2012 13:44

Analysis Batch Number: 64678 End Date: 11/12/2012 19:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-64678/1		11/12/2012 13:44	1	BFB5043.D	DB-624 0.18(mm)
STD8260 240-64678/2 IC		11/12/2012 15:10	1	UXX0846.D	DB-624 0.18(mm)
STD8260 240-64678/3 IC		11/12/2012 15:33	1	UXX0847.D	DB-624 0.18(mm)
STD8260 240-64678/4 ICIS		11/12/2012 15:55	1	UXX0848.D	DB-624 0.18(mm)
STD8260 240-64678/5 IC		11/12/2012 16:17	1	UXX0849.D	DB-624 0.18(mm)
STD8260 240-64678/6 IC		11/12/2012 16:40	1	UXX0850.D	DB-624 0.18(mm)
STD8260 240-64678/7 IC		11/12/2012 17:02	1	UXX0851.D	DB-624 0.18(mm)
STDA9 240-64678/8 IC		11/12/2012 17:24	1	UXX0852.D	DB-624 0.18(mm)
STDA9 240-64678/9 IC		11/12/2012 17:46	1	UXX0853.D	DB-624 0.18(mm)
STDA9 240-64678/10 IC		11/12/2012 18:09	1	UXX0854.D	DB-624 0.18(mm)
STDA9 240-64678/11 IC		11/12/2012 18:31	1	UXX0855.D	DB-624 0.18(mm)
STDA9 240-64678/12 IC		11/12/2012 18:53	1	UXX0856.D	DB-624 0.18(mm)
STDA9 240-64678/13 IC		11/12/2012 19:16	1	UXX0857.D	DB-624 0.18(mm)
ICV 240-64678/14		11/12/2012 19:38	1	UXX0858.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: A3UX10 Start Date: 11/21/2012 10:04

Analysis Batch Number: 65929 End Date: 11/21/2012 17:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-65929/1		11/21/2012 10:04	1	BFB5061.D	DB-624 0.18(mm)
CCV 240-65929/2		11/21/2012 10:30	1	UXX1128.D	DB-624 0.18(mm)
LCS 240-65929/4		11/21/2012 11:14	1	UXX1130.D	DB-624 0.18(mm)
MB 240-65929/6		11/21/2012 11:58	1	UXX1132.D	DB-624 0.18(mm)
MRL 240-65929/7		11/21/2012 12:30	1	UXX1133.D	DB-624 0.18(mm)
ZZZZZ		11/21/2012 12:54	1		DB-624 0.18(mm)
240-17768-8	70SB-0018-0001-TB	11/21/2012 13:25	1	UXX1135.D	DB-624 0.18(mm)
ZZZZZ		11/21/2012 13:47	1		DB-624 0.18(mm)
240-17768-16	076SB-0044-0001-TB	11/21/2012 14:09	1	UXX1137.D	DB-624 0.18(mm)
ZZZZZ		11/21/2012 14:31	1		DB-624 0.18(mm)
ZZZZZ		11/21/2012 14:54	1		DB-624 0.18(mm)
ZZZZZ		11/21/2012 15:18	1		DB-624 0.18(mm)
ZZZZZ		11/21/2012 15:40	1		DB-624 0.18(mm)
ZZZZZ		11/21/2012 16:02	1		DB-624 0.18(mm)
ZZZZZ		11/21/2012 16:24	1		DB-624 0.18(mm)
ZZZZZ		11/21/2012 16:46	1		DB-624 0.18(mm)
ZZZZZ		11/21/2012 17:08	1		DB-624 0.18(mm)
MRL 240-65929/20		11/21/2012 17:29	1	UXX1146.D	DB-624 0.18(mm)
LODV 240-65929/21		11/21/2012 17:51	1	UXX1147.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: A3UX14 Start Date: 11/23/2012 09:29

Analysis Batch Number: 66063 End Date: 11/23/2012 21:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-66063/19		11/23/2012 09:29	1	BFB14288.D	DB-624 0.18(mm)
IC 240-66063/3		11/23/2012 10:11	1	149369.D	DB-624 0.18(mm)
IC 240-66063/4		11/23/2012 10:33	1	149370.D	DB-624 0.18(mm)
IC 240-66063/5		11/23/2012 10:54	1	149371.D	DB-624 0.18(mm)
ICIS 240-66063/6		11/23/2012 11:16	1	149372.D	DB-624 0.18(mm)
IC 240-66063/7		11/23/2012 11:37	1	149373.D	DB-624 0.18(mm)
IC 240-66063/8		11/23/2012 11:59	1	149374.D	DB-624 0.18(mm)
IC 240-66063/9		11/23/2012 12:20	1	149375.D	DB-624 0.18(mm)
IC 240-66063/10		11/23/2012 12:42	1	149376.D	DB-624 0.18(mm)
IC 240-66063/11		11/23/2012 13:03	1	149377.D	DB-624 0.18(mm)
CCV 240-66063/12		11/23/2012 13:25	1	149378.D	DB-624 0.18(mm)
ICV 240-66063/13		11/23/2012 13:46	1	149379.D	DB-624 0.18(mm)
MRL 240-66063/14		11/23/2012 14:08	1	149380.D	DB-624 0.18(mm)
MDLV 240-66063/15		11/23/2012 14:30	1		DB-624 0.18(mm)
LCS 240-66063/16		11/23/2012 14:51	1	149382.D	DB-624 0.18(mm)
MB 240-66063/17		11/23/2012 15:13	1	149383.D	DB-624 0.18(mm)
ZZZZZ		11/23/2012 15:34	1		DB-624 0.18(mm)
ZZZZZ		11/23/2012 15:56	1		DB-624 0.18(mm)
ZZZZZ		11/23/2012 16:17	1		DB-624 0.18(mm)
ZZZZZ		11/23/2012 16:39	1		DB-624 0.18(mm)
ZZZZZ		11/23/2012 17:22	1		DB-624 0.18(mm)
ZZZZZ		11/23/2012 18:05	1		DB-624 0.18(mm)
ZZZZZ		11/23/2012 18:48	1		DB-624 0.18(mm)
240-17768-1	70SB-0011M-0001-SO	11/23/2012 19:31	1	149395.D	DB-624 0.18(mm)
240-17768-3	70SB-0013M-0001-SO	11/23/2012 19:53	1	149396.D	DB-624 0.18(mm)
240-17768-5	70SB-0015M-0001-SO	11/23/2012 20:14	1	149397.D	DB-624 0.18(mm)
240-17768-6	70SB-0016M-0001-SO	11/23/2012 20:36	1	149398.D	DB-624 0.18(mm)
MRL 240-66063/34		11/23/2012 21:08	1	149399.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: A3UX14 Start Date: 11/25/2012 07:28

Analysis Batch Number: 66175 End Date: 11/25/2012 19:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-66175/1		11/25/2012 07:28	1	BFB14289.D	DB-624 0.18(mm)
CCV 240-66175/3		11/25/2012 08:12	1	149402.D	DB-624 0.18(mm)
CCV 240-66175/4		11/25/2012 08:33	1	149403.D	DB-624 0.18(mm)
MRL 240-66175/5		11/25/2012 08:55	1	149404.D	DB-624 0.18(mm)
LCS 240-66175/7		11/25/2012 09:38	1	149406.D	DB-624 0.18(mm)
MB 240-66175/8		11/25/2012 09:59	1	149407.D	DB-624 0.18(mm)
LCS 240-65921/2-A		11/25/2012 11:26	1	149411.D	DB-624 0.18(mm)
MB 240-65921/1-A		11/25/2012 11:47	1	149412.D	DB-624 0.18(mm)
240-17768-4	70SB-0014M-0001-SO	11/25/2012 12:09	1	149413.D	DB-624 0.18(mm)
240-17768-2	70SB-0012M-0001-SO	11/25/2012 12:30	2	149414.D	DB-624 0.18(mm)
ZZZZZ		11/25/2012 13:35	1		DB-624 0.18(mm)
ZZZZZ		11/25/2012 13:56	1		DB-624 0.18(mm)
ZZZZZ		11/25/2012 14:18	1		DB-624 0.18(mm)
240-17768-7	70SB-0017M-0001-SO	11/25/2012 14:39	1	149420.D	DB-624 0.18(mm)
240-17768-9	076SB-0037M-0001-SO	11/25/2012 15:01	1	149421.D	DB-624 0.18(mm)
240-17768-11	076SB-0039M-0001-SO	11/25/2012 15:44	1	149423.D	DB-624 0.18(mm)
240-17768-13	076SB-0041M-0001-SO	11/25/2012 16:27	1	149425.D	DB-624 0.18(mm)
240-17768-14	076SB-0042M-0001-SO	11/25/2012 16:48	1	149426.D	DB-624 0.18(mm)
240-17768-15	076SB-0043M-0001-SO	11/25/2012 17:10	1	149427.D	DB-624 0.18(mm)
240-17768-17	076SB-0030M-0001-SO	11/25/2012 17:31	1	149428.D	DB-624 0.18(mm)
240-17768-18	076SB-0031M-0001-SO	11/25/2012 17:53	1	149429.D	DB-624 0.18(mm)
240-17768-19	076SB-0032M-0001-SO	11/25/2012 18:14	1	149430.D	DB-624 0.18(mm)
240-17768-20	076SB-0033M-0001-SO	11/25/2012 18:36	1	149431.D	DB-624 0.18(mm)
MRL 240-66175/33		11/25/2012 18:58	1	149432.D	DB-624 0.18(mm)
MDLV 240-66175/34		11/25/2012 19:19	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: A3UX14 Start Date: 11/26/2012 11:23

Analysis Batch Number: 66239 End Date: 11/26/2012 22:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-66239/1		11/26/2012 11:23	1	BFB14290.D	DB-624 0.18(mm)
CCV 240-66239/4		11/26/2012 12:28	1	149436.D	DB-624 0.18(mm)
CCV 240-66239/10		11/26/2012 12:49	1	149437.D	DB-624 0.18(mm)
MRL 240-66239/5		11/26/2012 13:11	1	149438.D	DB-624 0.18(mm)
LCS 240-66239/7		11/26/2012 13:54	1	149440.D	DB-624 0.18(mm)
MB 240-66239/8		11/26/2012 14:15	1	149441.D	DB-624 0.18(mm)
240-17768-21	076SB-0034M-0001-SO	11/26/2012 14:37	1	149442.D	DB-624 0.18(mm)
240-17768-10	076SB-0038M-0001-SO	11/26/2012 15:20	1	149444.D	DB-624 0.18(mm)
240-17768-12	076SB-0040M-0001-SO	11/26/2012 16:03	1	149446.D	DB-624 0.18(mm)
240-17768-22	076SB-0035M-0001-SO	11/26/2012 16:46	1	149448.D	DB-624 0.18(mm)
240-17768-23	076SB-0036M-0001-SO	11/26/2012 17:08	1	149449.D	DB-624 0.18(mm)
ZZZZZ		11/26/2012 17:29	1		DB-624 0.18(mm)
ZZZZZ		11/26/2012 17:51	1		DB-624 0.18(mm)
ZZZZZ		11/26/2012 18:12	1		DB-624 0.18(mm)
ZZZZZ		11/26/2012 18:34	1		DB-624 0.18(mm)
ZZZZZ		11/26/2012 18:55	1		DB-624 0.18(mm)
ZZZZZ		11/26/2012 19:17	1		DB-624 0.18(mm)
ZZZZZ		11/26/2012 19:38	1		DB-624 0.18(mm)
ZZZZZ		11/26/2012 20:00	1		DB-624 0.18(mm)
ZZZZZ		11/26/2012 20:21	1		DB-624 0.18(mm)
ZZZZZ		11/26/2012 20:43	1		DB-624 0.18(mm)
ZZZZZ		11/26/2012 21:05	1		DB-624 0.18(mm)
ZZZZZ		11/26/2012 21:26	1		DB-624 0.18(mm)
ZZZZZ		11/26/2012 21:48	1		DB-624 0.18(mm)
ZZZZZ		11/26/2012 22:09	1		DB-624 0.18(mm)
MRL 240-66239/31		11/26/2012 22:31	1	149464.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Batch Number: 65854 Batch Start Date: 11/21/12 02:31 Batch Analyst: Mancine, Louis

Batch Method: 5035 Batch End Date: 11/21/12 03:19

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
240-17768-B-1	70SB-0011M-0001-SO	5035, 8260B/DoD	T	+030.160 g	35.42 g	5.26 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-B-3	70SB-0013M-0001-SO	5035, 8260B/DoD	T	+030.301 g	36.28 g	5.979 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-B-5	70SB-0015M-0001-SO	5035, 8260B/DoD	T	+030.141 g	36.50 g	6.359 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-B-6	70SB-0016M-0001-SO	5035, 8260B/DoD	T	+030.305 g	35.84 g	5.535 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-B-7	70SB-0017M-0001-SO	5035, 8260B/DoD	T	+029.489 g	34.68 g	5.191 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-B-9	076SB-0037M-0001-SO	5035, 8260B/DoD	T	+030.110 g	35.42 g	5.31 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-C-10	076SB-0038M-0001-SO	5035, 8260B/DoD	T	+029.597 g	36.16 g	6.563 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-B-11	076SB-0039M-0001-SO	5035, 8260B/DoD	T	+029.866 g	35.59 g	5.724 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-C-12	076SB-0040M-0001-SO	5035, 8260B/DoD	T	+030.882 g	37.54 g	6.658 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-B-13	076SB-0041M-0001-SO	5035, 8260B/DoD	T	+029.743 g	36.06 g	6.317 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-B-14	076SB-0042M-0001-SO	5035, 8260B/DoD	T	+030.135 g	36.04 g	5.905 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-B-15	076SB-0043M-0001-SO	5035, 8260B/DoD	T	+029.896 g	35.24 g	5.344 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-B-17	076SB-0030M-0001-SO	5035, 8260B/DoD	T	+029.991 g	35.91 g	5.919 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-B-18	076SB-0031M-0001-SO	5035, 8260B/DoD	T	+029.920 g	34.28 g	4.36 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-B-19	076SB-0032M-0001-SO	5035, 8260B/DoD	T	+030.353 g	36.38 g	6.027 g	5 mL	Preserved on 11/15/2012 @ 21:00	

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Batch Number: 65854 Batch Start Date: 11/21/12 02:31 Batch Analyst: Mancine, Louis

Batch Method: 5035 Batch End Date: 11/21/12 03:19

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
240-17768-B-20	076SB-0033M-0001 -SO	5035, 8260B/DoD	T	+030.097 g	36.60 g	6.503 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-B-22	076SB-0035M-0001 -SO	5035, 8260B/DoD	T	+029.992 g	36.28 g	6.288 g	5 mL	Preserved on 11/15/2012 @ 21:00	
240-17768-B-23	076SB-0036M-0001 -SO	5035, 8260B/DoD	T	+030.003 g	36.50 g	6.497 g	5 mL	Preserved on 11/15/2012 @ 21:00	

Batch Notes	

Basis	Basis Description
T	Total/NA

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Batch Number: 65921 Batch Start Date: 11/21/12 11:03 Batch Analyst: Mancine, Louis

Batch Method: 5035 Batch End Date: 11/21/12 13:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VMENCORESS 00160	VMENFAS 00140
MB 240-65921/1		5035, 8260B/DoD				5.00 g	5 mL	5 uL	
LCS 240-65921/2		5035, 8260B/DoD				5.00 g	5 mL	5 uL	100 uL
240-17768-A-2	70SB-0012M-0001-SO	5035, 8260B/DoD	T	+028.308 g	34.71 g	6.402 g	5 mL	5 uL	
240-17768-A-4	70SB-0014M-0001-SO	5035, 8260B/DoD	T	+028.161 g	34.68 g	6.519 g	5 mL	5 uL	
240-17768-A-21	076SB-0034M-0001-SO	5035, 8260B/DoD	T	+028.020 g	33.28 g	5.26 g	5 mL	5 uL	

Batch Notes	
Balance ID	B035
Methanol Lot Number	123279

Basis	Basis Description
T	Total/NA

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.: 240-17768-1

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 #	
70SB-0011M-0001-SO	240-17768-1	58	61	57	59	60	68	
70SB-0012M-0001-SO	240-17768-2	80	87	80	82	82	82	
70SB-0013M-0001-SO	240-17768-3	63	65	59	62	60	67	
70SB-0014M-0001-SO	240-17768-4	73	72	67	70	62	0	Q
70SB-0015M-0001-SO	240-17768-5	66	68	62	64	59	70	
70SB-0016M-0001-SO	240-17768-6	76	77	66	72	62	80	
70SB-0017M-0001-SO	240-17768-7	65	64	60	62	63	73	
076SB-0037M-0001-SO	240-17768-9	58	60	57	55	70	72	
076SB-0038M-0001-SO	240-17768-10	75	77	73	70	80	80	
076SB-0039M-0001-SO	240-17768-11	73	74	73	66	73	79	
076SB-0040M-0001-SO	240-17768-12	67	69	64	58	68	69	
076SB-0041M-0001-SO	240-17768-13	63	62	58	57	72	74	
076SB-0042M-0001-SO	240-17768-14	74	77	73	72	67	82	
076SB-0043M-0001-SO	240-17768-15	65	64	66	59	66	70	
076SB-0030M-0001-SO	240-17768-17	62	63	59	62	62	69	
076SB-0031M-0001-SO	240-17768-18	72	69	64	60	70	68	
076SB-0032M-0001-SO	240-17768-19	71	76	73	67	77	76	
076SB-0033M-0001-SO	240-17768-20	64	65	67	62	71	68	
076SB-0034M-0001-SO	240-17768-21	72	70	70	66	72	73	
076SB-0035M-0001-SO	240-17768-22	65	68	64	68	74	76	
076SB-0036M-0001-SO	240-17768-23	73	70	73	70	65	75	
	MB 240-66227/23-A	63	67	67	61	59	78	
	MB 240-66237/12-A	63	67	69	62	53	77	
	MB 240-66397/18-A	71	74	73	67	66	83	
	LCS 240-66227/24-A	77	79	75	72	78	87	
	LCS 240-66237/13-A	68	71	74	64	75	84	

	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.: 240-17768-1

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 #
	LCS 240-66397/19-A	73	75	77	69	74	78
70SB-0011M-0001-SO MS	240-17768-1 MS	68	68	68	65	75	72
70SB-0016M-0001-SO MS	240-17768-6 MS	65	68	61	63	59	67
076SB-0036M-0001-SO MS	240-17768-23 MS	72	69	66	66	77	81
70SB-0011M-0001-SO MSD	240-17768-1 MSD	59	63	58	56	64	64
70SB-0016M-0001-SO MSD	240-17768-6 MSD	68	64	57	62	64	68
076SB-0036M-0001-SO MSD	240-17768-23 MSD	53	57	52	51	64	67

	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.: 240-17768-1

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 240-66878/3	101	103 Q	106 Q	101	110	103
	MRL 240-66878/23	104	107 Q	113 Q	104	117	105
	MRL 240-67052/3	103	106 Q	111 Q	102	107	103
	MRL 240-67052/18	105	108 Q	109 Q	100	113	105
	MRL 240-67225/3	106 Q	106 Q	112 Q	101	104	100
	MRL 240-67225/25	100	105 Q	111 Q	102	114	104
	MRL 240-67390/3	106 Q	103 Q	106 Q	101	111	103
	MRL 240-67390/26	103	104 Q	110 Q	103	110	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 III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21205005.D

Lab ID: LCS 240-66227/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	515	77	45-110	
Acenaphthylene	667	518	78	45-105	
Anthracene	667	547	82	55-105	
Benzo[a]anthracene	667	555	83	50-110	
Benzo[a]pyrene	667	494	74	50-110	
Benzo[b]fluoranthene	667	552	83	45-115	
Benzo[g,h,i]perylene	667	636	95	40-125	
Benzoic acid	667	376 J	56	0-110	
Benzo[k]fluoranthene	667	617	93	45-125	
Benzyl alcohol	667	525	79	20-125	
Bis(2-chloroethoxy)methane	667	494	74	45-110	
Bis(2-chloroethyl)ether	667	497	75	40-105	
bis (2-chloroisopropyl) ether	667	487	73	20-115	
Bis(2-ethylhexyl) phthalate	667	531	80	45-125	
4-Bromophenyl phenyl ether	667	589	88	45-115	
Butyl benzyl phthalate	667	547	82	50-125	
Carbazole	667	551	83	45-115	
4-Chloroaniline	667	376	56	10-110	
4-Chloro-3-methylphenol	667	560	84	45-115	
2-Chloronaphthalene	667	514	77	45-105	
2-Chlorophenol	667	499	75	45-105	
4-Chlorophenyl phenyl ether	667	528	79	45-110	
Chrysene	667	590	88	55-110	
Dibenz(a,h)anthracene	667	548	82	40-125	
Dibenzofuran	667	508	76	50-105	
1,2-Dichlorobenzene	667	483	72	45-110	
1,3-Dichlorobenzene	667	482	72	40-100	
1,4-Dichlorobenzene	667	477	72	35-105	
3,3'-Dichlorobenzidine	667	350	53	10-130	
2,4-Dichlorophenol	667	541	81	45-110	
Diethyl phthalate	667	537	81	50-115	
2,4-Dimethylphenol	667	304	46	30-105	
Dimethyl phthalate	667	541	81	50-110	
Di-n-butyl phthalate	667	586	88	55-110	
4,6-Dinitro-2-methylphenol	667	510	76	30-135	
2,4-Dinitrophenol	667	476	71	15-130	
2,4-Dinitrotoluene	667	548	82	50-115	
2,6-Dinitrotoluene	667	546	82	50-110	
Di-n-octyl phthalate	667	547	82	40-130	
Fluoranthene	667	575	86	55-115	
Fluorene	667	525	79	50-110	
Hexachlorobenzene	667	545	82	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21205005.D

Lab ID: LCS 240-66227/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	491	74	40-115	
Hexachloroethane	667	475	71	35-110	
Indeno[1,2,3-cd]pyrene	667	575	86	40-120	
Isophorone	667	538	81	45-110	
2-Methylnaphthalene	667	514	77	45-105	
2-Methylphenol	667	479	72	40-105	
3 & 4 Methylphenol	1330	1010	76	40-105	
Naphthalene	667	507	76	40-105	
2-Nitroaniline	667	563	85	45-120	
3-Nitroaniline	667	500	75	25-110	
4-Nitroaniline	667	509	76	35-115	
Nitrobenzene	667	511	77	40-115	
2-Nitrophenol	667	553	83	40-110	
4-Nitrophenol	667	539	81	15-140	
N-Nitrosodi-n-propylamine	667	523	79	40-115	
N-Nitrosodiphenylamine	667	556	83	50-115	
Pentachlorophenol	667	434	65	25-120	
Phenanthrene	667	539	81	50-110	
Phenol	667	538	81	40-100	
Pyrene	667	543	81	45-125	
1,2,4-Trichlorobenzene	667	484	73	45-110	
2,4,5-Trichlorophenol	667	537	81	50-110	
2,4,6-Trichlorophenol	667	529	79	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203011.D

Lab ID: LCS 240-66237/13-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	458	69	45-110	
Acenaphthylene	667	462	69	45-105	
Anthracene	667	502	75	55-105	
Benzo[a]anthracene	667	516	77	50-110	
Benzo[a]pyrene	667	445	67	50-110	
Benzo[b]fluoranthene	667	497	75	45-115	
Benzo[g,h,i]perylene	667	495	74	40-125	
Benzoic acid	667	330 U	34	0-110	
Benzo[k]fluoranthene	667	571	86	45-125	
Benzyl alcohol	667	445	67	20-125	
Bis(2-chloroethoxy)methane	667	457	69	45-110	
Bis(2-chloroethyl)ether	667	453	68	40-105	
bis (2-chloroisopropyl) ether	667	455	68	20-115	
Bis(2-ethylhexyl) phthalate	667	501	75	45-125	
4-Bromophenyl phenyl ether	667	535	80	45-115	
Butyl benzyl phthalate	667	509	76	50-125	
Carbazole	667	508	76	45-115	
4-Chloroaniline	667	357	54	10-110	
4-Chloro-3-methylphenol	667	512	77	45-115	
2-Chloronaphthalene	667	452	68	45-105	
2-Chlorophenol	667	462	69	45-105	
4-Chlorophenyl phenyl ether	667	483	72	45-110	
Chrysene	667	550	82	55-110	
Dibenz(a,h)anthracene	667	425	64	40-125	
Dibenzofuran	667	458	69	50-105	
1,2-Dichlorobenzene	667	436	65	45-110	
1,3-Dichlorobenzene	667	424	64	40-100	
1,4-Dichlorobenzene	667	430	64	35-105	
3,3'-Dichlorobenzidine	667	283	42	10-130	
2,4-Dichlorophenol	667	490	74	45-110	
Diethyl phthalate	667	507	76	50-115	
2,4-Dimethylphenol	667	332	50	30-105	
Dimethyl phthalate	667	498	75	50-110	
Di-n-butyl phthalate	667	546	82	55-110	
4,6-Dinitro-2-methylphenol	667	443	67	30-135	
2,4-Dinitrophenol	667	371	56	15-130	
2,4-Dinitrotoluene	667	529	79	50-115	
2,6-Dinitrotoluene	667	520	78	50-110	
Di-n-octyl phthalate	667	460	69	40-130	
Fluoranthene	667	532	80	55-115	
Fluorene	667	479	72	50-110	
Hexachlorobenzene	667	519	78	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203011.D

Lab ID: LCS 240-66237/13-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	466	70	40-115	
Hexachloroethane	667	452	68	35-110	
Indeno[1,2,3-cd]pyrene	667	451	68	40-120	
Isophorone	667	510	77	45-110	
2-Methylnaphthalene	667	471	71	45-105	
2-Methylphenol	667	434	65	40-105	
3 & 4 Methylphenol	1330	901	68	40-105	
Naphthalene	667	480	72	40-105	
2-Nitroaniline	667	540	81	45-120	
3-Nitroaniline	667	483	72	25-110	
4-Nitroaniline	667	482	72	35-115	
Nitrobenzene	667	502	75	40-115	
2-Nitrophenol	667	491	74	40-110	
4-Nitrophenol	667	504	76	15-140	
N-Nitrosodi-n-propylamine	667	475	71	40-115	
N-Nitrosodiphenylamine	667	493	74	50-115	
Pentachlorophenol	667	421	63	25-120	
Phenanthrene	667	497	75	50-110	
Phenol	667	477	72	40-100	
Pyrene	667	509	76	45-125	
1,2,4-Trichlorobenzene	667	463	70	45-110	
2,4,5-Trichlorophenol	667	503	75	50-110	
2,4,6-Trichlorophenol	667	468	70	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21130005.D

Lab ID: LCS 240-66397/19-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	478	72	45-110	
Acenaphthylene	667	492	74	45-105	
Anthracene	667	504	76	55-105	
Benzo[a]anthracene	667	509	76	50-110	
Benzo[a]pyrene	667	437	66	50-110	
Benzo[b]fluoranthene	667	501	75	45-115	
Benzo[g,h,i]perylene	667	546	82	40-125	
Benzoic acid	667	362 J	54	0-110	
Benzo[k]fluoranthene	667	506	76	45-125	
Benzyl alcohol	667	467	70	20-125	
Bis(2-chloroethoxy)methane	667	487	73	45-110	
Bis(2-chloroethyl)ether	667	470	71	40-105	
bis (2-chloroisopropyl) ether	667	477	72	20-115	
Bis(2-ethylhexyl) phthalate	667	521	78	45-125	
4-Bromophenyl phenyl ether	667	542	81	45-115	
Butyl benzyl phthalate	667	512	77	50-125	
Carbazole	667	506	76	45-115	
4-Chloroaniline	667	317	48	10-110	
4-Chloro-3-methylphenol	667	517	78	45-115	
2-Chloronaphthalene	667	484	73	45-105	
2-Chlorophenol	667	475	71	45-105	
4-Chlorophenyl phenyl ether	667	506	76	45-110	
Chrysene	667	537	81	55-110	
Dibenz(a,h)anthracene	667	487	73	40-125	
Dibenzofuran	667	477	72	50-105	
1,2-Dichlorobenzene	667	465	70	45-110	
1,3-Dichlorobenzene	667	446	67	40-100	
1,4-Dichlorobenzene	667	453	68	35-105	
3,3'-Dichlorobenzidine	667	318	48	10-130	
2,4-Dichlorophenol	667	533	80	45-110	
Diethyl phthalate	667	513	77	50-115	
2,4-Dimethylphenol	667	376	56	30-105	
Dimethyl phthalate	667	501	75	50-110	
Di-n-butyl phthalate	667	542	81	55-110	
4,6-Dinitro-2-methylphenol	667	470	71	30-135	
2,4-Dinitrophenol	667	422	63	15-130	
2,4-Dinitrotoluene	667	507	76	50-115	
2,6-Dinitrotoluene	667	517	78	50-110	
Di-n-octyl phthalate	667	479	72	40-130	
Fluoranthene	667	530	79	55-115	
Fluorene	667	488	73	50-110	
Hexachlorobenzene	667	530	80	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21130005.D

Lab ID: LCS 240-66397/19-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	498	75	40-115	
Hexachloroethane	667	455	68	35-110	
Indeno[1,2,3-cd]pyrene	667	504	76	40-120	
Isophorone	667	540	81	45-110	
2-Methylnaphthalene	667	501	75	45-105	
2-Methylphenol	667	461	69	40-105	
3 & 4 Methylphenol	1330	949	71	40-105	
Naphthalene	667	497	75	40-105	
2-Nitroaniline	667	538	81	45-120	
3-Nitroaniline	667	461	69	25-110	
4-Nitroaniline	667	495	74	35-115	
Nitrobenzene	667	517	77	40-115	
2-Nitrophenol	667	532	80	40-110	
4-Nitrophenol	667	517	78	15-140	
N-Nitrosodi-n-propylamine	667	497	74	40-115	
N-Nitrosodiphenylamine	667	505	76	50-115	
Pentachlorophenol	667	429	64	25-120	
Phenanthrene	667	497	75	50-110	
Phenol	667	489	73	40-100	
Pyrene	667	492	74	45-125	
1,2,4-Trichlorobenzene	667	482	72	45-110	
2,4,5-Trichlorophenol	667	501	75	50-110	
2,4,6-Trichlorophenol	667	496	74	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.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21130003.D

Lab ID: MRL 240-66878/3 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	5.12	102	70-130	
Anthracene	5.00	5.02	100	70-130	
Benzo[a]anthracene	5.00	5.12	102	70-130	
Benzo[a]pyrene	5.00	5.29	106	70-130	
Benzo[b]fluoranthene	5.00	5.37	107	70-130	
Benzo[g,h,i]perylene	5.00	5.51	110	70-130	
Benzoic acid	10.0	9.09	91	70-130	
Benzo[k]fluoranthene	5.00	5.34	107	70-130	
Benzyl alcohol	5.00	5.19	104	70-130	
Bis(2-chloroethoxy)methane	5.00	5.02	100	70-130	
Bis(2-chloroethyl)ether	5.00	5.06	101	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.22	104	70-130	
4-Bromophenyl phenyl ether	5.00	4.94	99	70-130	
Butyl benzyl phthalate	5.00	5.03	101	70-130	
Carbazole	5.00	5.01	100	70-130	
4-Chloro-3-methylphenol	5.00	5.24	105	70-130	
2-Chloronaphthalene	5.00	5.22	104	70-130	
2-Chlorophenol	5.00	5.20	104	70-130	
4-Chlorophenyl phenyl ether	5.00	5.34	107	70-130	
Chrysene	5.00	5.15	103	70-130	
Dibenz(a,h)anthracene	5.00	5.10	102	70-130	
Dibenzofuran	5.00	5.06	101	70-130	
1,2-Dichlorobenzene	5.00	5.18	104	70-130	
1,3-Dichlorobenzene	5.00	5.05	101	70-130	
1,4-Dichlorobenzene	5.00	5.06	101	70-130	
3,3'-Dichlorobenzidine	5.00	5.11	102	70-130	
2,4-Dichlorophenol	5.00	5.22	104	70-130	
Diethyl phthalate	5.00	5.15	103	70-130	
2,4-Dimethylphenol	5.00	5.33	107	70-130	
Dimethyl phthalate	5.00	5.14	103	70-130	
Di-n-butyl phthalate	5.00	5.16	103	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.73	95	70-130	
2,4-Dinitrophenol	10.0	9.84	98	70-130	
2,4-Dinitrotoluene	5.00	5.31	106	70-130	
2,6-Dinitrotoluene	5.00	5.11	102	70-130	
Di-n-octyl phthalate	5.00	4.96	99	70-130	
Fluoranthene	5.00	5.13	103	70-130	
Fluorene	5.00	5.22	104	70-130	
Hexachlorobenzene	5.00	5.19	104	70-130	
Hexachlorobutadiene	5.00	5.31	106	70-130	
Hexachloroethane	5.00	5.23	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.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21130003.D

Lab ID: MRL 240-66878/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.10	102	70-130	
Isophorone	5.00	5.14	103	70-130	
2-Methylnaphthalene	5.00	5.09	102	70-130	
2-Methylphenol	5.00	5.22	104	70-130	
3 & 4 Methylphenol	5.00	5.15	103	70-130	
Naphthalene	5.00	5.07	101	70-130	
2-Nitroaniline	5.00	5.62	112	70-130	
3-Nitroaniline	5.00	5.72	114	70-130	
4-Nitroaniline	5.00	5.21	104	70-130	
Nitrobenzene	5.00	5.30	106	70-130	
2-Nitrophenol	5.00	5.32	106	70-130	
4-Nitrophenol	5.00	5.16	103	70-130	
N-Nitrosodi-n-propylamine	5.00	5.25	105	70-130	
N-Nitrosodiphenylamine	5.00	4.89	98	70-130	
Pentachlorophenol	10.0	9.98	100	70-130	
Phenanthrene	5.00	4.79	96	70-130	
Phenol	5.00	5.21	104	70-130	
Pyrene	5.00	5.18	104	70-130	
1,2,4-Trichlorobenzene	5.00	5.10	102	70-130	
2,4,5-Trichlorophenol	5.00	5.39	108	70-130	
2,4,6-Trichlorophenol	5.00	5.29	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.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21130023.D

Lab ID: MRL 240-66878/23 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.98	100	70-130	
Acenaphthylene	5.00	5.03	101	70-130	
Anthracene	5.00	5.18	104	70-130	
Benzo[a]anthracene	5.00	5.19	104	70-130	
Benzo[a]pyrene	5.00	5.12	102	70-130	
Benzo[b]fluoranthene	5.00	5.16	103	70-130	
Benzo[g,h,i]perylene	5.00	5.34	107	70-130	
Benzoic acid	10.0	8.19	82	70-130	
Benzo[k]fluoranthene	5.00	5.34	107	70-130	
Benzyl alcohol	5.00	5.27	105	70-130	
Bis(2-chloroethoxy)methane	5.00	5.38	108	70-130	
Bis(2-chloroethyl)ether	5.00	5.38	108	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.41	108	70-130	
4-Bromophenyl phenyl ether	5.00	5.55	111	70-130	
Butyl benzyl phthalate	5.00	5.22	104	70-130	
Carbazole	5.00	4.96	99	70-130	
4-Chloro-3-methylphenol	5.00	5.45	109	70-130	
2-Chloronaphthalene	5.00	5.19	104	70-130	
2-Chlorophenol	5.00	5.25	105	70-130	
4-Chlorophenyl phenyl ether	5.00	5.43	109	70-130	
Chrysene	5.00	5.12	102	70-130	
Dibenz(a,h)anthracene	5.00	4.94	99	70-130	
Dibenzofuran	5.00	4.92	98	70-130	
1,2-Dichlorobenzene	5.00	5.33	107	70-130	
1,3-Dichlorobenzene	5.00	5.31	106	70-130	
1,4-Dichlorobenzene	5.00	5.15	103	70-130	
3,3'-Dichlorobenzidine	5.00	5.31	106	70-130	
2,4-Dichlorophenol	5.00	5.31	106	70-130	
Diethyl phthalate	5.00	5.09	102	70-130	
2,4-Dimethylphenol	5.00	5.43	109	70-130	
Dimethyl phthalate	5.00	5.11	102	70-130	
Di-n-butyl phthalate	5.00	5.27	105	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.73	95	70-130	
2,4-Dinitrophenol	10.0	8.19	82	70-130	
2,4-Dinitrotoluene	5.00	5.42	108	70-130	
2,6-Dinitrotoluene	5.00	5.60	112	70-130	
Di-n-octyl phthalate	5.00	5.32	106	70-130	
Fluoranthene	5.00	5.17	103	70-130	
Fluorene	5.00	4.99	100	70-130	
Hexachlorobenzene	5.00	5.26	105	70-130	
Hexachlorobutadiene	5.00	5.49	110	70-130	
Hexachloroethane	5.00	5.09	102	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21130023.D

Lab ID: MRL 240-66878/23 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.11	102	70-130	
Isophorone	5.00	5.35	107	70-130	
2-Methylnaphthalene	5.00	5.14	103	70-130	
2-Methylphenol	5.00	5.26	105	70-130	
3 & 4 Methylphenol	5.00	5.37	107	70-130	
Naphthalene	5.00	5.13	103	70-130	
2-Nitroaniline	5.00	5.59	112	70-130	
3-Nitroaniline	5.00	5.53	111	70-130	
4-Nitroaniline	5.00	5.20	104	70-130	
Nitrobenzene	5.00	5.62	112	70-130	
2-Nitrophenol	5.00	5.38	108	70-130	
4-Nitrophenol	5.00	4.79	96	70-130	
N-Nitrosodi-n-propylamine	5.00	5.49	110	70-130	
N-Nitrosodiphenylamine	5.00	4.99	100	70-130	
Pentachlorophenol	10.0	10.2	102	70-130	
Phenanthrene	5.00	4.90	98	70-130	
Phenol	5.00	5.32	106	70-130	
Pyrene	5.00	5.03	101	70-130	
1,2,4-Trichlorobenzene	5.00	5.50	110	70-130	
2,4,5-Trichlorophenol	5.00	5.21	104	70-130	
2,4,6-Trichlorophenol	5.00	5.25	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.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21203003.D

Lab ID: MRL 240-67052/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.94	99	70-130	
Acenaphthylene	5.00	5.14	103	70-130	
Anthracene	5.00	5.10	102	70-130	
Benzo[a]anthracene	5.00	5.13	103	70-130	
Benzo[a]pyrene	5.00	5.19	104	70-130	
Benzo[b]fluoranthene	5.00	5.30	106	70-130	
Benzo[g,h,i]perylene	5.00	5.19	104	70-130	
Benzoic acid	10.0	8.26	83	70-130	
Benzo[k]fluoranthene	5.00	5.66	113	70-130	
Benzyl alcohol	5.00	5.06	101	70-130	
Bis(2-chloroethoxy)methane	5.00	5.22	104	70-130	
Bis(2-chloroethyl)ether	5.00	5.14	103	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.93	99	70-130	
4-Bromophenyl phenyl ether	5.00	5.29	106	70-130	
Butyl benzyl phthalate	5.00	4.99	100	70-130	
Carbazole	5.00	5.11	102	70-130	
4-Chloro-3-methylphenol	5.00	5.29	106	70-130	
2-Chloronaphthalene	5.00	5.08	102	70-130	
2-Chlorophenol	5.00	5.08	102	70-130	
4-Chlorophenyl phenyl ether	5.00	5.28	106	70-130	
Chrysene	5.00	5.13	103	70-130	
Dibenz(a,h)anthracene	5.00	4.58	92	70-130	
Dibenzofuran	5.00	4.93	99	70-130	
1,2-Dichlorobenzene	5.00	5.10	102	70-130	
1,3-Dichlorobenzene	5.00	4.96	99	70-130	
1,4-Dichlorobenzene	5.00	5.13	103	70-130	
3,3'-Dichlorobenzidine	5.00	4.73	95	70-130	
2,4-Dichlorophenol	5.00	5.40	108	70-130	
Diethyl phthalate	5.00	5.27	105	70-130	
2,4-Dimethylphenol	5.00	5.37	107	70-130	
Dimethyl phthalate	5.00	5.15	103	70-130	
Di-n-butyl phthalate	5.00	5.21	104	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.62	92	70-130	
2,4-Dinitrophenol	10.0	8.64	86	70-130	
2,4-Dinitrotoluene	5.00	5.17	103	70-130	
2,6-Dinitrotoluene	5.00	5.20	104	70-130	
Di-n-octyl phthalate	5.00	4.88	98	70-130	
Fluoranthene	5.00	5.10	102	70-130	
Fluorene	5.00	5.10	102	70-130	
Hexachlorobenzene	5.00	5.27	105	70-130	
Hexachlorobutadiene	5.00	5.31	106	70-130	
Hexachloroethane	5.00	5.14	103	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21203003.D

Lab ID: MRL 240-67052/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.86	97	70-130	
Isophorone	5.00	5.37	107	70-130	
2-Methylnaphthalene	5.00	5.18	104	70-130	
2-Methylphenol	5.00	5.01	100	70-130	
3 & 4 Methylphenol	5.00	5.07	101	70-130	
Naphthalene	5.00	5.13	103	70-130	
2-Nitroaniline	5.00	5.47	109	70-130	
3-Nitroaniline	5.00	5.45	109	70-130	
4-Nitroaniline	5.00	4.96	99	70-130	
Nitrobenzene	5.00	5.62	112	70-130	
2-Nitrophenol	5.00	5.20	104	70-130	
4-Nitrophenol	5.00	5.26	105	70-130	
N-Nitrosodi-n-propylamine	5.00	5.12	102	70-130	
N-Nitrosodiphenylamine	5.00	4.94	99	70-130	
Pentachlorophenol	10.0	10.4	104	70-130	
Phenanthrene	5.00	4.89	98	70-130	
Phenol	5.00	5.21	104	70-130	
Pyrene	5.00	5.15	103	70-130	
1,2,4-Trichlorobenzene	5.00	5.27	105	70-130	
2,4,5-Trichlorophenol	5.00	5.32	106	70-130	
2,4,6-Trichlorophenol	5.00	5.28	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.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21203018.D

Lab ID: MRL 240-67052/18 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.17	103	70-130	
Acenaphthylene	5.00	5.08	102	70-130	
Anthracene	5.00	5.14	103	70-130	
Benzo[a]anthracene	5.00	5.19	104	70-130	
Benzo[a]pyrene	5.00	5.08	102	70-130	
Benzo[b]fluoranthene	5.00	5.18	104	70-130	
Benzo[g,h,i]perylene	5.00	4.59	92	70-130	
Benzoic acid	10.0	9.57	96	70-130	
Benzo[k]fluoranthene	5.00	5.12	102	70-130	
Benzyl alcohol	5.00	5.27	105	70-130	
Bis(2-chloroethoxy)methane	5.00	5.03	101	70-130	
Bis(2-chloroethyl)ether	5.00	5.13	103	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.18	104	70-130	
4-Bromophenyl phenyl ether	5.00	5.29	106	70-130	
Butyl benzyl phthalate	5.00	5.16	103	70-130	
Carbazole	5.00	5.06	101	70-130	
4-Chloro-3-methylphenol	5.00	5.43	109	70-130	
2-Chloronaphthalene	5.00	5.00	100	70-130	
2-Chlorophenol	5.00	5.21	104	70-130	
4-Chlorophenyl phenyl ether	5.00	5.13	103	70-130	
Chrysene	5.00	5.22	104	70-130	
Dibenz(a,h)anthracene	5.00	4.47	89	70-130	
Dibenzofuran	5.00	5.02	100	70-130	
1,2-Dichlorobenzene	5.00	5.12	102	70-130	
1,3-Dichlorobenzene	5.00	5.04	101	70-130	
1,4-Dichlorobenzene	5.00	5.13	103	70-130	
3,3'-Dichlorobenzidine	5.00	5.18	104	70-130	
2,4-Dichlorophenol	5.00	5.19	104	70-130	
Diethyl phthalate	5.00	5.15	103	70-130	
2,4-Dimethylphenol	5.00	5.20	104	70-130	
Dimethyl phthalate	5.00	5.18	104	70-130	
Di-n-butyl phthalate	5.00	5.23	105	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.01	80	70-130	
2,4-Dinitrophenol	10.0	7.23	72	70-130	
2,4-Dinitrotoluene	5.00	5.45	109	70-130	
2,6-Dinitrotoluene	5.00	5.40	108	70-130	
Di-n-octyl phthalate	5.00	5.37	107	70-130	
Fluoranthene	5.00	5.19	104	70-130	
Fluorene	5.00	5.07	101	70-130	
Hexachlorobenzene	5.00	5.27	105	70-130	
Hexachlorobutadiene	5.00	5.10	102	70-130	
Hexachloroethane	5.00	5.14	103	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21203018.D

Lab ID: MRL 240-67052/18 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.55	91	70-130	
Isophorone	5.00	5.36	107	70-130	
2-Methylnaphthalene	5.00	5.16	103	70-130	
2-Methylphenol	5.00	5.33	107	70-130	
3 & 4 Methylphenol	5.00	5.21	104	70-130	
Naphthalene	5.00	5.15	103	70-130	
2-Nitroaniline	5.00	5.53	111	70-130	
3-Nitroaniline	5.00	5.50	110	70-130	
4-Nitroaniline	5.00	5.27	105	70-130	
Nitrobenzene	5.00	5.40	108	70-130	
2-Nitrophenol	5.00	5.27	105	70-130	
4-Nitrophenol	5.00	5.14	103	70-130	
N-Nitrosodi-n-propylamine	5.00	5.39	108	70-130	
N-Nitrosodiphenylamine	5.00	5.04	101	70-130	
Pentachlorophenol	10.0	10.2	102	70-130	
Phenanthrene	5.00	4.95	99	70-130	
Phenol	5.00	5.24	105	70-130	
Pyrene	5.00	5.10	102	70-130	
1,2,4-Trichlorobenzene	5.00	5.16	103	70-130	
2,4,5-Trichlorophenol	5.00	5.33	107	70-130	
2,4,6-Trichlorophenol	5.00	5.36	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.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21204003.D

Lab ID: MRL 240-67225/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.09	102	70-130	
Acenaphthylene	5.00	5.16	103	70-130	
Anthracene	5.00	5.02	100	70-130	
Benzo[a]anthracene	5.00	5.03	101	70-130	
Benzo[a]pyrene	5.00	5.23	105	70-130	
Benzo[b]fluoranthene	5.00	5.37	107	70-130	
Benzo[g,h,i]perylene	5.00	5.57	111	70-130	
Benzoic acid	10.0	9.12	91	70-130	
Benzo[k]fluoranthene	5.00	5.30	106	70-130	
Benzyl alcohol	5.00	5.18	104	70-130	
Bis(2-chloroethoxy)methane	5.00	5.04	101	70-130	
Bis(2-chloroethyl)ether	5.00	5.13	103	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.96	99	70-130	
4-Bromophenyl phenyl ether	5.00	5.23	105	70-130	
Butyl benzyl phthalate	5.00	4.74	95	70-130	
Carbazole	5.00	5.12	102	70-130	
4-Chloro-3-methylphenol	5.00	5.22	104	70-130	
2-Chloronaphthalene	5.00	5.07	101	70-130	
2-Chlorophenol	5.00	5.32	106	70-130	
4-Chlorophenyl phenyl ether	5.00	5.25	105	70-130	
Chrysene	5.00	5.00	100	70-130	
Dibenz(a,h)anthracene	5.00	5.02	100	70-130	
Dibenzofuran	5.00	4.90	98	70-130	
1,2-Dichlorobenzene	5.00	5.15	103	70-130	
1,3-Dichlorobenzene	5.00	5.21	104	70-130	
1,4-Dichlorobenzene	5.00	5.00	100	70-130	
3,3'-Dichlorobenzidine	5.00	4.69	94	70-130	
2,4-Dichlorophenol	5.00	5.25	105	70-130	
Diethyl phthalate	5.00	5.32	106	70-130	
2,4-Dimethylphenol	5.00	5.13	103	70-130	
Dimethyl phthalate	5.00	5.18	104	70-130	
Di-n-butyl phthalate	5.00	5.22	104	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.09	102	70-130	
2,4-Dinitrophenol	10.0	10.1	101	70-130	
2,4-Dinitrotoluene	5.00	5.34	107	70-130	
2,6-Dinitrotoluene	5.00	5.28	106	70-130	
Di-n-octyl phthalate	5.00	4.78	96	70-130	
Fluoranthene	5.00	5.24	105	70-130	
Fluorene	5.00	5.09	102	70-130	
Hexachlorobenzene	5.00	5.16	103	70-130	
Hexachlorobutadiene	5.00	5.25	105	70-130	
Hexachloroethane	5.00	5.13	103	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21204003.D

Lab ID: MRL 240-67225/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.18	104	70-130	
Isophorone	5.00	5.22	104	70-130	
2-Methylnaphthalene	5.00	5.04	101	70-130	
2-Methylphenol	5.00	5.12	102	70-130	
3 & 4 Methylphenol	5.00	5.08	102	70-130	
Naphthalene	5.00	5.18	104	70-130	
2-Nitroaniline	5.00	5.34	107	70-130	
3-Nitroaniline	5.00	5.25	105	70-130	
4-Nitroaniline	5.00	5.04	101	70-130	
Nitrobenzene	5.00	5.38	108	70-130	
2-Nitrophenol	5.00	5.25	105	70-130	
4-Nitrophenol	5.00	5.10	102	70-130	
N-Nitrosodi-n-propylamine	5.00	5.24	105	70-130	
N-Nitrosodiphenylamine	5.00	0.00080 U	0	70-130	^
Pentachlorophenol	10.0	10.3	103	70-130	
Phenanthrene	5.00	4.93	99	70-130	
Phenol	5.00	5.35	107	70-130	
Pyrene	5.00	5.02	100	70-130	
1,2,4-Trichlorobenzene	5.00	5.21	104	70-130	
2,4,5-Trichlorophenol	5.00	5.36	107	70-130	
2,4,6-Trichlorophenol	5.00	5.27	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.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21204025.D

Lab ID: MRL 240-67225/25 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.01	100	70-130	
Acenaphthylene	5.00	4.96	99	70-130	
Anthracene	5.00	4.98	100	70-130	
Benzo[a]anthracene	5.00	5.28	106	70-130	
Benzo[a]pyrene	5.00	5.21	104	70-130	
Benzo[b]fluoranthene	5.00	5.42	108	70-130	
Benzo[g,h,i]perylene	5.00	5.02	100	70-130	
Benzoic acid	10.0	7.87	79	70-130	
Benzo[k]fluoranthene	5.00	5.50	110	70-130	
Benzyl alcohol	5.00	5.32	106	70-130	
Bis(2-chloroethoxy)methane	5.00	5.22	104	70-130	
Bis(2-chloroethyl)ether	5.00	5.12	102	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.34	107	70-130	
4-Bromophenyl phenyl ether	5.00	5.25	105	70-130	
Butyl benzyl phthalate	5.00	5.32	106	70-130	
Carbazole	5.00	4.91	98	70-130	
4-Chloro-3-methylphenol	5.00	5.28	106	70-130	
2-Chloronaphthalene	5.00	5.10	102	70-130	
2-Chlorophenol	5.00	5.14	103	70-130	
4-Chlorophenyl phenyl ether	5.00	5.53	111	70-130	
Chrysene	5.00	5.11	102	70-130	
Dibenz(a,h)anthracene	5.00	4.82	96	70-130	
Dibenzofuran	5.00	5.02	100	70-130	
1,2-Dichlorobenzene	5.00	5.32	106	70-130	
1,3-Dichlorobenzene	5.00	5.18	104	70-130	
1,4-Dichlorobenzene	5.00	5.10	102	70-130	
3,3'-Dichlorobenzidine	5.00	5.30	106	70-130	
2,4-Dichlorophenol	5.00	5.23	105	70-130	
Diethyl phthalate	5.00	5.20	104	70-130	
2,4-Dimethylphenol	5.00	5.20	104	70-130	
Dimethyl phthalate	5.00	5.25	105	70-130	
Di-n-butyl phthalate	5.00	5.17	103	70-130	
4,6-Dinitro-2-methylphenol	5.00	3.97	79	70-130	
2,4-Dinitrophenol	10.0	6.89	69	70-130	^
2,4-Dinitrotoluene	5.00	5.60	112	70-130	
2,6-Dinitrotoluene	5.00	5.38	108	70-130	
Di-n-octyl phthalate	5.00	5.32	106	70-130	
Fluoranthene	5.00	5.11	102	70-130	
Fluorene	5.00	5.08	102	70-130	
Hexachlorobenzene	5.00	5.25	105	70-130	
Hexachlorobutadiene	5.00	5.39	108	70-130	
Hexachloroethane	5.00	5.08	102	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21204025.D

Lab ID: MRL 240-67225/25 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.92	98	70-130	
Isophorone	5.00	5.34	107	70-130	
2-Methylnaphthalene	5.00	5.08	102	70-130	
2-Methylphenol	5.00	5.08	102	70-130	
3 & 4 Methylphenol	5.00	5.11	102	70-130	
Naphthalene	5.00	5.04	101	70-130	
2-Nitroaniline	5.00	5.36	107	70-130	
3-Nitroaniline	5.00	5.69	114	70-130	
4-Nitroaniline	5.00	5.39	108	70-130	
Nitrobenzene	5.00	5.41	108	70-130	
2-Nitrophenol	5.00	5.20	104	70-130	
4-Nitrophenol	5.00	5.17	103	70-130	
N-Nitrosodi-n-propylamine	5.00	5.37	107	70-130	
N-Nitrosodiphenylamine	5.00	4.92	98	70-130	
Pentachlorophenol	10.0	9.50	95	70-130	
Phenanthrene	5.00	4.74	95	70-130	
Phenol	5.00	5.20	104	70-130	
Pyrene	5.00	5.09	102	70-130	
1,2,4-Trichlorobenzene	5.00	5.46	109	70-130	
2,4,5-Trichlorophenol	5.00	5.50	110	70-130	
2,4,6-Trichlorophenol	5.00	5.36	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.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21205003.D

Lab ID: MRL 240-67390/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.10	102	70-130	
Acenaphthylene	5.00	5.03	101	70-130	
Anthracene	5.00	5.06	101	70-130	
Benzo[a]anthracene	5.00	5.10	102	70-130	
Benzo[a]pyrene	5.00	5.12	102	70-130	
Benzo[b]fluoranthene	5.00	5.44	109	70-130	
Benzo[g,h,i]perylene	5.00	5.40	108	70-130	
Benzoic acid	10.0	9.33	93	70-130	
Benzo[k]fluoranthene	5.00	5.25	105	70-130	
Benzyl alcohol	5.00	5.16	103	70-130	
Bis(2-chloroethoxy)methane	5.00	4.94	99	70-130	
Bis(2-chloroethyl)ether	5.00	5.13	103	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.09	102	70-130	
4-Bromophenyl phenyl ether	5.00	5.11	102	70-130	
Butyl benzyl phthalate	5.00	5.17	103	70-130	
Carbazole	5.00	4.99	100	70-130	
4-Chloro-3-methylphenol	5.00	5.19	104	70-130	
2-Chloronaphthalene	5.00	5.04	101	70-130	
2-Chlorophenol	5.00	5.19	104	70-130	
4-Chlorophenyl phenyl ether	5.00	5.26	105	70-130	
Chrysene	5.00	5.10	102	70-130	
Dibenz(a,h)anthracene	5.00	4.95	99	70-130	
Dibenzofuran	5.00	4.99	100	70-130	
1,2-Dichlorobenzene	5.00	5.19	104	70-130	
1,3-Dichlorobenzene	5.00	5.24	105	70-130	
1,4-Dichlorobenzene	5.00	5.14	103	70-130	
3,3'-Dichlorobenzidine	5.00	5.25	105	70-130	
2,4-Dichlorophenol	5.00	5.21	104	70-130	
Diethyl phthalate	5.00	5.07	101	70-130	
2,4-Dimethylphenol	5.00	5.23	105	70-130	
Dimethyl phthalate	5.00	5.04	101	70-130	
Di-n-butyl phthalate	5.00	5.13	103	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.85	97	70-130	
2,4-Dinitrophenol	10.0	9.30	93	70-130	
2,4-Dinitrotoluene	5.00	5.19	104	70-130	
2,6-Dinitrotoluene	5.00	5.05	101	70-130	
Di-n-octyl phthalate	5.00	5.03	101	70-130	
Fluoranthene	5.00	5.20	104	70-130	
Fluorene	5.00	5.21	104	70-130	
Hexachlorobenzene	5.00	4.94	99	70-130	
Hexachlorobutadiene	5.00	5.20	104	70-130	
Hexachloroethane	5.00	5.05	101	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21205003.D

Lab ID: MRL 240-67390/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.96	99	70-130	
Isophorone	5.00	5.06	101	70-130	
2-Methylnaphthalene	5.00	5.02	100	70-130	
2-Methylphenol	5.00	5.08	102	70-130	
3 & 4 Methylphenol	5.00	5.12	102	70-130	
Naphthalene	5.00	5.20	104	70-130	
2-Nitroaniline	5.00	5.25	105	70-130	
3-Nitroaniline	5.00	5.23	105	70-130	
4-Nitroaniline	5.00	4.97	99	70-130	
Nitrobenzene	5.00	5.16	103	70-130	
2-Nitrophenol	5.00	5.40	108	70-130	
4-Nitrophenol	5.00	5.00	100	70-130	
N-Nitrosodi-n-propylamine	5.00	5.15	103	70-130	
N-Nitrosodiphenylamine	5.00	4.97	99	70-130	
Pentachlorophenol	10.0	9.84	98	70-130	
Phenanthrene	5.00	4.79	96	70-130	
Phenol	5.00	5.10	102	70-130	
Pyrene	5.00	5.28	106	70-130	
1,2,4-Trichlorobenzene	5.00	5.12	102	70-130	
2,4,5-Trichlorophenol	5.00	5.27	105	70-130	
2,4,6-Trichlorophenol	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.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21205026.D

Lab ID: MRL 240-67390/26 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	5.02	100	70-130	
Anthracene	5.00	5.00	100	70-130	
Benzo[a]anthracene	5.00	5.31	106	70-130	
Benzo[a]pyrene	5.00	5.11	102	70-130	
Benzo[b]fluoranthene	5.00	5.09	102	70-130	
Benzo[g,h,i]perylene	5.00	4.64	93	70-130	
Benzoic acid	10.0	8.19	82	70-130	
Benzo[k]fluoranthene	5.00	5.39	108	70-130	
Benzyl alcohol	5.00	5.18	104	70-130	
Bis(2-chloroethoxy)methane	5.00	5.31	106	70-130	
Bis(2-chloroethyl)ether	5.00	5.04	101	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.18	104	70-130	
4-Bromophenyl phenyl ether	5.00	5.26	105	70-130	
Butyl benzyl phthalate	5.00	5.13	103	70-130	
Carbazole	5.00	4.87	97	70-130	
4-Chloro-3-methylphenol	5.00	5.40	108	70-130	
2-Chloronaphthalene	5.00	5.15	103	70-130	
2-Chlorophenol	5.00	5.17	103	70-130	
4-Chlorophenyl phenyl ether	5.00	5.29	106	70-130	
Chrysene	5.00	5.21	104	70-130	
Dibenz(a,h)anthracene	5.00	4.57	91	70-130	
Dibenzofuran	5.00	4.89	98	70-130	
1,2-Dichlorobenzene	5.00	5.28	106	70-130	
1,3-Dichlorobenzene	5.00	5.19	104	70-130	
1,4-Dichlorobenzene	5.00	5.14	103	70-130	
3,3'-Dichlorobenzidine	5.00	5.18	104	70-130	
2,4-Dichlorophenol	5.00	5.41	108	70-130	
Diethyl phthalate	5.00	5.00	100	70-130	
2,4-Dimethylphenol	5.00	5.42	108	70-130	
Dimethyl phthalate	5.00	5.17	103	70-130	
Di-n-butyl phthalate	5.00	5.03	101	70-130	
4,6-Dinitro-2-methylphenol	5.00	3.99	80	70-130	
2,4-Dinitrophenol	10.0	7.24	72	70-130	
2,4-Dinitrotoluene	5.00	5.12	102	70-130	
2,6-Dinitrotoluene	5.00	5.31	106	70-130	
Di-n-octyl phthalate	5.00	4.94	99	70-130	
Fluoranthene	5.00	4.97	99	70-130	
Fluorene	5.00	5.02	100	70-130	
Hexachlorobenzene	5.00	5.28	106	70-130	
Hexachlorobutadiene	5.00	5.43	109	70-130	
Hexachloroethane	5.00	4.93	99	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21205026.D

Lab ID: MRL 240-67390/26 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.71	94	70-130	
Isophorone	5.00	5.32	106	70-130	
2-Methylnaphthalene	5.00	5.19	104	70-130	
2-Methylphenol	5.00	5.11	102	70-130	
3 & 4 Methylphenol	5.00	5.16	103	70-130	
Naphthalene	5.00	5.06	101	70-130	
2-Nitroaniline	5.00	5.24	105	70-130	
3-Nitroaniline	5.00	5.38	108	70-130	
4-Nitroaniline	5.00	5.29	106	70-130	
Nitrobenzene	5.00	5.53	111	70-130	
2-Nitrophenol	5.00	5.36	107	70-130	
4-Nitrophenol	5.00	5.14	103	70-130	
N-Nitrosodi-n-propylamine	5.00	5.13	103	70-130	
N-Nitrosodiphenylamine	5.00	5.09	102	70-130	
Pentachlorophenol	10.0	9.62	96	70-130	
Phenanthrene	5.00	4.77	95	70-130	
Phenol	5.00	5.09	102	70-130	
Pyrene	5.00	5.07	101	70-130	
1,2,4-Trichlorobenzene	5.00	5.52	110	70-130	
2,4,5-Trichlorophenol	5.00	5.37	107	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 MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203016.D

Lab ID: 240-17768-1 MS Client ID: 70SB-0011M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	657	13 U	476	73	45-110	
Acenaphthylene	657	13 U	463	70	45-105	
Anthracene	657	13 U	451	69	55-105	
Benzo[a]anthracene	657	13 U	468	71	50-110	
Benzo[a]pyrene	657	13 U	437	66	50-110	
Benzo[b]fluoranthene	657	13 U	456	69	45-115	
Benzo[g,h,i]perylene	657	13 U	452	69	40-125	
Benzoic acid	657	1300 U	1300 U	NC	0-110	
Benzo[k]fluoranthene	657	13 U	452	69	45-125	
Benzyl alcohol	657	110 U	433 J	66	20-125	
Bis(2-chloroethoxy)methane	657	110 U	425	65	45-110	
Bis(2-chloroethyl)ether	657	13 U	414	63	40-105	
bis (2-chloroisopropyl) ether	657	110 U	436	66	20-115	
Bis(2-ethylhexyl) phthalate	657	110 U	495	75	45-125	
4-Bromophenyl phenyl ether	657	110 U	455	69	45-115	
Butyl benzyl phthalate	657	110 U	479	73	50-125	
Carbazole	657	110 U	438	67	45-115	
4-Chloroaniline	657	110 U	228 J	35	10-95	
4-Chloro-3-methylphenol	657	110 U	476 J	72	45-115	
2-Chloronaphthalene	657	13 U	464	71	45-105	
2-Chlorophenol	657	110 U	416	63	45-105	
4-Chlorophenyl phenyl ether	657	110 U	465	71	45-110	
Chrysene	657	13 U	496	75	55-110	
Dibenz(a,h)anthracene	657	13 U	409	62	40-125	
Dibenzofuran	657	13 U	458	70	50-105	
1,2-Dichlorobenzene	657	110 U	419	64	45-95	
1,3-Dichlorobenzene	657	110 U	398	61	40-100	
1,4-Dichlorobenzene	657	110 U	386	59	35-105	
3,3'-Dichlorobenzidine	657	320 U	220 J	34	10-130	
2,4-Dichlorophenol	657	110 U	472 J	72	45-110	
Diethyl phthalate	657	110 U	481	73	50-115	
2,4-Dimethylphenol	657	320 U	448 J	68	30-105	
Dimethyl phthalate	657	110 U	484	74	50-110	
Di-n-butyl phthalate	657	110 U	470	72	55-110	
4,6-Dinitro-2-methylphenol	657	320 U	320 U	0	30-135	J
2,4-Dinitrophenol	657	320 U	320 U	0	15-130	J
2,4-Dinitrotoluene	657	110 U	494 J	75	50-115	
2,6-Dinitrotoluene	657	110 U	550 J	84	50-110	
Di-n-octyl phthalate	657	110 U	493	75	40-130	
Fluoranthene	657	15 J	476	70	55-115	
Fluorene	657	13 U	483	74	50-110	
Hexachlorobenzene	657	13 U	471	72	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203016.D

Lab ID: 240-17768-1 MS Client ID: 70SB-0011M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Hexachlorobutadiene	657	110 U	422	64	40-115	
Hexachloroethane	657	110 U	425	65	35-110	
Indeno[1,2,3-cd]pyrene	657	13 U	408	62	40-120	
Isophorone	657	110 U	473	72	45-110	
2-Methylnaphthalene	657	18 J	449	66	45-105	
2-Methylphenol	657	320 U	453 J	69	40-105	
3 & 4 Methylphenol	1310	320 U	943 J	72	40-105	
Naphthalene	657	13 U	449	68	40-105	
2-Nitroaniline	657	110 U	497 J	76	45-120	
3-Nitroaniline	657	320 U	344 J	52	25-110	
4-Nitroaniline	657	110 U	415 J	63	35-115	
Nitrobenzene	657	13 U	442	67	40-115	
2-Nitrophenol	657	110 U	469	71	40-110	
4-Nitrophenol	657	320 U	376 J	57	15-140	
N-Nitrosodi-n-propylamine	657	110 U	482	73	40-115	
N-Nitrosodiphenylamine	657	110 U	463	70	50-115	
Pentachlorophenol	657	320 U	451 J	69	25-120	
Phenanthrene	657	29	492	71	50-110	
Phenol	657	110 U	478	73	40-100	
Pyrene	657	26 J	489	71	45-125	
1,2,4-Trichlorobenzene	657	110 U	418	64	45-110	
2,4,5-Trichlorophenol	657	110 U	511 J	78	50-110	
2,4,6-Trichlorophenol	657	320 U	498 J	76	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21205007.D

Lab ID: 240-17768-6 MS Client ID: 70SB-0016M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	670	33 U	436	65	45-110	D
Acenaphthylene	670	33 U	430	64	45-105	D
Anthracene	670	33 U	401	60	55-105	D
Benzo[a]anthracene	670	33 U	409	61	50-110	D
Benzo[a]pyrene	670	33 U	427	64	50-110	D
Benzo[b]fluoranthene	670	33 U	396	59	45-115	D
Benzo[g,h,i]perylene	670	33 U	500	75	40-125	D
Benzoic acid	670	3300 U	3300 U	NC	0-110	
Benzo[k]fluoranthene	670	33 U	380	57	45-125	D
Benzyl alcohol	670	270 U	389 J	58	20-125	D
Bis(2-chloroethoxy)methane	670	270 U	427 J	64	45-110	D
Bis(2-chloroethyl)ether	670	33 U	419 J	63	40-105	D
bis (2-chloroisopropyl) ether	670	270 U	396 J	59	20-115	D
Bis(2-ethylhexyl) phthalate	670	270 U	501	75	45-125	D
4-Bromophenyl phenyl ether	670	270 U	444 J	66	45-115	D
Butyl benzyl phthalate	670	270 U	489 J	73	50-125	D
Carbazole	670	270 U	398 J	59	45-115	D
4-Chloroaniline	670	270 U	270 U	0	10-95	J
4-Chloro-3-methylphenol	670	270 U	431 J	64	45-115	D
2-Chloronaphthalene	670	33 U	450 J	67	45-105	D
2-Chlorophenol	670	270 U	432 J	64	45-105	D
4-Chlorophenyl phenyl ether	670	270 U	451 J	67	45-110	D
Chrysene	670	33 U	477	71	55-110	D
Dibenz(a,h)anthracene	670	33 U	33 U	0	40-125	J
Dibenzofuran	670	33 U	442 J	66	50-105	D
1,2-Dichlorobenzene	670	270 U	454 J	68	45-95	D
1,3-Dichlorobenzene	670	270 U	383 J	57	40-100	D
1,4-Dichlorobenzene	670	270 U	420 J	63	35-105	D
3,3'-Dichlorobenzidine	670	800 U	800 U	0	10-130	J
2,4-Dichlorophenol	670	270 U	404 J	60	45-110	D
Diethyl phthalate	670	270 U	437 J	65	50-115	D
2,4-Dimethylphenol	670	800 U	201 J	30	30-105	D
Dimethyl phthalate	670	270 U	440 J	66	50-110	D
Di-n-butyl phthalate	670	270 U	410 J	61	55-110	D
4,6-Dinitro-2-methylphenol	670	800 U	800 U	NC	30-135	
2,4-Dinitrophenol	670	800 U	800 U	NC	15-130	
2,4-Dinitrotoluene	670	270 U	568 J	85	50-115	D
2,6-Dinitrotoluene	670	270 U	636 J	95	50-110	D
Di-n-octyl phthalate	670	270 U	540	81	40-130	D
Fluoranthene	670	33 U	435	65	55-115	D
Fluorene	670	33 U	444	66	50-110	D
Hexachlorobenzene	670	33 U	461	69	45-120	D

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21205007.D

Lab ID: 240-17768-6 MS Client ID: 70SB-0016M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Hexachlorobutadiene	670	270 U	431 J	64	40-115	D
Hexachloroethane	670	270 U	419 J	63	35-110	D
Indeno[1,2,3-cd]pyrene	670	33 U	411	61	40-120	D
Isophorone	670	270 U	459 J	69	45-110	D
2-Methylnaphthalene	670	33 U	470	70	45-105	D
2-Methylphenol	670	800 U	800 U	NC	40-105	
3 & 4 Methylphenol	1340	800 U	824 J	62	40-105	D
Naphthalene	670	33 U	447	67	40-105	D
2-Nitroaniline	670	270 U	357 J	53	45-120	D
3-Nitroaniline	670	800 U	234 J	35	25-110	D
4-Nitroaniline	670	270 U	270 U	0	35-115	J
Nitrobenzene	670	33 U	427 J	64	40-115	D
2-Nitrophenol	670	270 U	400 J	60	40-110	D
4-Nitrophenol	670	800 U	800 U	NC	15-140	
N-Nitrosodi-n-propylamine	670	270 U	450 J	67	40-115	D
N-Nitrosodiphenylamine	670	270 U	270 U	0	50-115	J
Pentachlorophenol	670	800 U	800 U	NC	25-120	
Phenanthrene	670	33 U	432	65	50-110	D
Phenol	670	270 U	440 J	66	40-100	D
Pyrene	670	33 U	430	64	45-125	D
1,2,4-Trichlorobenzene	670	270 U	412 J	62	45-110	D
2,4,5-Trichlorophenol	670	270 U	416 J	62	50-110	D
2,4,6-Trichlorophenol	670	800 U	800 U	NC	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21130007.D

Lab ID: 240-17768-23 MS Client ID: 076SB-0036M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	670	16 U	471	70	45-110	D
Acenaphthylene	670	16 U	474	71	45-105	D
Anthracene	670	16 U	526	79	55-105	D
Benzo[a]anthracene	670	16 U	515	77	50-110	D
Benzo[a]pyrene	670	16 U	451	67	50-110	D
Benzo[b]fluoranthene	670	16 U	457	68	45-115	D
Benzo[g,h,i]perylene	670	16 U	498	74	40-125	D
Benzoic acid	670	1700 U	1700 U	NC	0-110	
Benzo[k]fluoranthene	670	16 U	496	74	45-125	D
Benzyl alcohol	670	130 U	404 J	60	20-125	D
Bis(2-chloroethoxy)methane	670	130 U	438 J	65	45-110	D
Bis(2-chloroethyl)ether	670	16 U	438 J	65	40-105	D
bis (2-chloroisopropyl) ether	670	130 U	440 J	66	20-115	D
Bis(2-ethylhexyl) phthalate	670	130 U	537	80	45-125	D
4-Bromophenyl phenyl ether	670	130 U	554	83	45-115	D
Butyl benzyl phthalate	670	130 U	536	80	50-125	D
Carbazole	670	130 U	517	77	45-115	D
4-Chloroaniline	670	130 U	175 J	26	10-95	D
4-Chloro-3-methylphenol	670	130 U	521 J	78	45-115	D
2-Chloronaphthalene	670	16 U	446	67	45-105	D
2-Chlorophenol	670	130 U	456	68	45-105	D
4-Chlorophenyl phenyl ether	670	130 U	514	77	45-110	D
Chrysene	670	16 U	553	82	55-110	D
Dibenz(a,h)anthracene	670	16 U	441	66	40-125	D
Dibenzofuran	670	16 U	487	73	50-105	D
1,2-Dichlorobenzene	670	130 U	440	66	45-95	D
1,3-Dichlorobenzene	670	130 U	407	61	40-100	D
1,4-Dichlorobenzene	670	130 U	430	64	35-105	D
3,3'-Dichlorobenzidine	670	400 U	305 J	46	10-130	D
2,4-Dichlorophenol	670	130 U	495 J	74	45-110	D
Diethyl phthalate	670	130 U	549	82	50-115	D
2,4-Dimethylphenol	670	400 U	394 J	59	30-105	D
Dimethyl phthalate	670	130 U	525	78	50-110	D
Di-n-butyl phthalate	670	130 U	534	80	55-110	D
4,6-Dinitro-2-methylphenol	670	400 U	528 J	79	30-135	D
2,4-Dinitrophenol	670	400 U	882 J	132	15-130	D J
2,4-Dinitrotoluene	670	130 U	581 J	87	50-115	D
2,6-Dinitrotoluene	670	130 U	586 J	88	50-110	D
Di-n-octyl phthalate	670	130 U	492	73	40-130	D
Fluoranthene	670	16 U	541	81	55-115	D
Fluorene	670	16 U	515	77	50-110	D
Hexachlorobenzene	670	16 U	529	79	45-120	D

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21130007.D

Lab ID: 240-17768-23 MS Client ID: 076SB-0036M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Hexachlorobutadiene	670	130 U	422	63	40-115	D
Hexachloroethane	670	130 U	424	63	35-110	D
Indeno[1,2,3-cd]pyrene	670	16 U	472	70	40-120	D
Isophorone	670	130 U	478	71	45-110	D
2-Methylnaphthalene	670	16 U	456	68	45-105	D
2-Methylphenol	670	400 U	430 J	64	40-105	D
3 & 4 Methylphenol	1340	400 U	953 J	71	40-105	D
Naphthalene	670	16 U	452	68	40-105	D
2-Nitroaniline	670	130 U	541 J	81	45-120	D
3-Nitroaniline	670	400 U	468 J	70	25-110	D
4-Nitroaniline	670	130 U	549 J	82	35-115	D
Nitrobenzene	670	16 U	442 J	66	40-115	D
2-Nitrophenol	670	130 U	470	70	40-110	D
4-Nitrophenol	670	400 U	436 J	65	15-140	D
N-Nitrosodi-n-propylamine	670	130 U	512	76	40-115	D
N-Nitrosodiphenylamine	670	130 U	535	80	50-115	D
Pentachlorophenol	670	400 U	488 J	73	25-120	D
Phenanthrene	670	16 U	529	79	50-110	D
Phenol	670	130 U	467	70	40-100	D
Pyrene	670	16 U	494	74	45-125	D
1,2,4-Trichlorobenzene	670	130 U	415	62	45-110	D
2,4,5-Trichlorophenol	670	130 U	516 J	77	50-110	D
2,4,6-Trichlorophenol	670	400 U	495 J	74	45-110	D

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203017.D

Lab ID: 240-17768-1 MSD Client ID: 70SB-0011M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	670	419	62	13	30	45-110	
Acenaphthylene	670	423	63	9	30	45-105	
Anthracene	670	423	63	6	30	55-105	
Benzo[a]anthracene	670	432	64	8	30	50-110	
Benzo[a]pyrene	670	397	59	10	30	50-110	
Benzo[b]fluoranthene	670	397	59	14	30	45-115	
Benzo[g,h,i]perylene	670	391	58	14	30	40-125	
Benzoic acid	670	1300 U	NC	NC	30	0-110	
Benzo[k]fluoranthene	670	409	61	10	30	45-125	
Benzyl alcohol	670	412 J	61	5	30	20-125	
Bis(2-chloroethoxy)methane	670	393 J	59	8	30	45-110	
Bis(2-chloroethyl)ether	670	383 J	57	8	30	40-105	
bis (2-chloroisopropyl) ether	670	391 J	58	11	30	20-115	
Bis(2-ethylhexyl) phthalate	670	485	72	2	30	45-125	
4-Bromophenyl phenyl ether	670	431	64	5	30	45-115	
Butyl benzyl phthalate	670	478	71	0	30	50-125	
Carbazole	670	418	62	5	30	45-115	
4-Chloroaniline	670	200 J	30	13	30	10-95	
4-Chloro-3-methylphenol	670	434 J	65	9	30	45-115	
2-Chloronaphthalene	670	410	61	12	30	45-105	
2-Chlorophenol	670	406	61	3	30	45-105	
4-Chlorophenyl phenyl ether	670	433	65	7	30	45-110	
Chrysene	670	466	70	6	30	55-110	
Dibenz(a,h)anthracene	670	334	50	20	30	40-125	
Dibenzofuran	670	427	64	7	30	50-105	
1,2-Dichlorobenzene	670	379	57	10	30	45-95	
1,3-Dichlorobenzene	670	345	51	14	30	40-100	
1,4-Dichlorobenzene	670	364	54	6	30	35-105	
3,3'-Dichlorobenzidine	670	222 J	33	1	30	10-130	
2,4-Dichlorophenol	670	426 J	64	10	30	45-110	
Diethyl phthalate	670	444	66	8	30	50-115	
2,4-Dimethylphenol	670	425 J	63	5	30	30-105	
Dimethyl phthalate	670	441	66	9	30	50-110	
Di-n-butyl phthalate	670	444	66	6	30	55-110	
4,6-Dinitro-2-methylphenol	670	320 U	0	NC	30	30-135	J
2,4-Dinitrophenol	670	320 U	0	NC	30	15-130	J
2,4-Dinitrotoluene	670	474 J	71	4	30	50-115	
2,6-Dinitrotoluene	670	495 J	74	11	30	50-110	
Di-n-octyl phthalate	670	451	67	9	30	40-130	
Fluoranthene	670	459	66	4	30	55-115	
Fluorene	670	438	65	10	30	50-110	
Hexachlorobenzene	670	425	63	10	30	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21203017.D

Lab ID: 240-17768-1 MSD Client ID: 70SB-0011M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobutadiene	670	373	56	12	30	40-115	
Hexachloroethane	670	337	50	23	30	35-110	
Indeno[1,2,3-cd]pyrene	670	380	57	7	30	40-120	
Isophorone	670	441	66	7	30	45-110	
2-Methylnaphthalene	670	442	63	2	30	45-105	
2-Methylphenol	670	402 J	60	12	30	40-105	
3 & 4 Methylphenol	1340	822 J	61	14	30	40-105	
Naphthalene	670	395	59	13	30	40-105	
2-Nitroaniline	670	435 J	65	13	30	45-120	
3-Nitroaniline	670	316 J	47	8	30	25-110	
4-Nitroaniline	670	385 J	57	8	30	35-115	
Nitrobenzene	670	401	60	10	30	40-115	
2-Nitrophenol	670	431	64	8	30	40-110	
4-Nitrophenol	670	385 J	57	2	30	15-140	
N-Nitrosodi-n-propylamine	670	439	66	9	30	40-115	
N-Nitrosodiphenylamine	670	443	66	4	30	50-115	
Pentachlorophenol	670	419 J	63	7	30	25-120	
Phenanthrene	670	451	63	9	30	50-110	
Phenol	670	430	64	11	30	40-100	
Pyrene	670	435	61	12	30	45-125	
1,2,4-Trichlorobenzene	670	390	58	7	30	45-110	
2,4,5-Trichlorophenol	670	416 J	62	20	30	50-110	
2,4,6-Trichlorophenol	670	442 J	66	12	30	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21205008.D

Lab ID: 240-17768-6 MSD Client ID: 70SB-0016M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	661	444	67	2	30	45-110	D
Acenaphthylene	661	427	65	1	30	45-105	D
Anthracene	661	418	63	4	30	55-105	D
Benzo[a]anthracene	661	428	65	5	30	50-110	D
Benzo[a]pyrene	661	471	71	10	30	50-110	D
Benzo[b]fluoranthene	661	436	66	10	30	45-115	D
Benzo[g,h,i]perylene	661	487	74	3	30	40-125	D
Benzoic acid	661	3300 U	NC	NC	30	0-110	
Benzo[k]fluoranthene	661	478	72	23	30	45-125	D
Benzyl alcohol	661	435 J	66	11	30	20-125	D
Bis(2-chloroethoxy)methane	661	388 J	59	10	30	45-110	D
Bis(2-chloroethyl)ether	661	428 J	65	2	30	40-105	D
bis (2-chloroisopropyl) ether	661	403 J	61	2	30	20-115	D
Bis(2-ethylhexyl) phthalate	661	506	77	1	30	45-125	D
4-Bromophenyl phenyl ether	661	451 J	68	2	30	45-115	D
Butyl benzyl phthalate	661	469 J	71	4	30	50-125	D
Carbazole	661	447 J	68	12	30	45-115	D
4-Chloroaniline	661	270 U	0	NC	30	10-95	J
4-Chloro-3-methylphenol	661	407 J	62	6	30	45-115	D
2-Chloronaphthalene	661	412 J	62	9	30	45-105	D
2-Chlorophenol	661	430 J	65	0	30	45-105	D
4-Chlorophenyl phenyl ether	661	460 J	70	2	30	45-110	D
Chrysene	661	468	71	2	30	55-110	D
Dibenz(a,h)anthracene	661	505	76	200	30	40-125	D J
Dibenzofuran	661	433 J	66	2	30	50-105	D
1,2-Dichlorobenzene	661	404 J	61	12	30	45-95	D
1,3-Dichlorobenzene	661	345 J	52	11	30	40-100	D
1,4-Dichlorobenzene	661	384 J	58	9	30	35-105	D
3,3'-Dichlorobenzidine	661	286 J	43	200	30	10-130	D J
2,4-Dichlorophenol	661	468 J	71	15	30	45-110	D
Diethyl phthalate	661	426 J	64	3	30	50-115	D
2,4-Dimethylphenol	661	216 J	33	7	30	30-105	D
Dimethyl phthalate	661	460 J	70	4	30	50-110	D
Di-n-butyl phthalate	661	436 J	66	6	30	55-110	D
4,6-Dinitro-2-methylphenol	661	790 U	NC	NC	30	30-135	
2,4-Dinitrophenol	661	790 U	NC	NC	30	15-130	
2,4-Dinitrotoluene	661	515 J	78	10	30	50-115	D
2,6-Dinitrotoluene	661	636 J	96	0	30	50-110	D
Di-n-octyl phthalate	661	547	83	1	30	40-130	D
Fluoranthene	661	459	69	5	30	55-115	D
Fluorene	661	433	65	2	30	50-110	D
Hexachlorobenzene	661	450	68	2	30	45-120	D

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21205008.D

Lab ID: 240-17768-6 MSD Client ID: 70SB-0016M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobutadiene	661	410 J	62	5	30	40-115	D
Hexachloroethane	661	315 J	48	28	30	35-110	D
Indeno[1,2,3-cd]pyrene	661	487	74	17	30	40-120	D
Isophorone	661	452 J	68	2	30	45-110	D
2-Methylnaphthalene	661	442	67	6	30	45-105	D
2-Methylphenol	661	790 U	NC	NC	30	40-105	
3 & 4 Methylphenol	1320	871 J	66	6	30	40-105	D
Naphthalene	661	452	68	1	30	40-105	D
2-Nitroaniline	661	348 J	53	2	30	45-120	D
3-Nitroaniline	661	209 J	32	11	30	25-110	D
4-Nitroaniline	661	407 J	61	200	30	35-115	D J
Nitrobenzene	661	404 J	61	6	30	40-115	D
2-Nitrophenol	661	371 J	56	7	30	40-110	D
4-Nitrophenol	661	790 U	NC	NC	30	15-140	
N-Nitrosodi-n-propylamine	661	444 J	67	2	30	40-115	D
N-Nitrosodiphenylamine	661	432 J	65	200	30	50-115	D J
Pentachlorophenol	661	790 U	NC	NC	30	25-120	
Phenanthrene	661	451	68	4	30	50-110	D
Phenol	661	463 J	70	5	30	40-100	D
Pyrene	661	439	66	2	30	45-125	D
1,2,4-Trichlorobenzene	661	408 J	62	1	30	45-110	D
2,4,5-Trichlorophenol	661	457 J	69	9	30	50-110	D
2,4,6-Trichlorophenol	661	790 U	NC	NC	30	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21130008.D

Lab ID: 240-17768-23 MSD Client ID: 076SB-0036M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	660	383	58	21	30	45-110	D
Acenaphthylene	660	362	55	27	30	45-105	D
Anthracene	660	426	65	21	30	55-105	D
Benzo[a]anthracene	660	424	64	19	30	50-110	D
Benzo[a]pyrene	660	366	56	21	30	50-110	D
Benzo[b]fluoranthene	660	382	58	18	30	45-115	D
Benzo[g,h,i]perylene	660	408	62	20	30	40-125	D
Benzoic acid	660	1600 U	NC	NC	30	0-110	
Benzo[k]fluoranthene	660	381	58	26	30	45-125	D
Benzyl alcohol	660	329 J	50	21	30	20-125	D
Bis(2-chloroethoxy)methane	660	328 J	50	29	30	45-110	D
Bis(2-chloroethyl)ether	660	358 J	54	20	30	40-105	D
bis (2-chloroisopropyl) ether	660	347 J	53	24	30	20-115	D
Bis(2-ethylhexyl) phthalate	660	455	69	16	30	45-125	D
4-Bromophenyl phenyl ether	660	427	65	26	30	45-115	D
Butyl benzyl phthalate	660	439	66	20	30	50-125	D
Carbazole	660	415	63	22	30	45-115	D
4-Chloroaniline	660	130 U	0	200	30	10-95	J
4-Chloro-3-methylphenol	660	396 J	60	27	30	45-115	D
2-Chloronaphthalene	660	362	55	21	30	45-105	D
2-Chlorophenol	660	376	57	19	30	45-105	D
4-Chlorophenyl phenyl ether	660	418	63	21	30	45-110	D
Chrysene	660	454	69	20	30	55-110	D
Dibenz(a,h)anthracene	660	376	57	16	30	40-125	D
Dibenzofuran	660	390	59	22	30	50-105	D
1,2-Dichlorobenzene	660	344	52	25	30	45-95	D
1,3-Dichlorobenzene	660	333	50	20	30	40-100	D
1,4-Dichlorobenzene	660	339	51	24	30	35-105	D
3,3'-Dichlorobenzidine	660	238 J	36	25	30	10-130	D
2,4-Dichlorophenol	660	376 J	57	27	30	45-110	D
Diethyl phthalate	660	429	65	25	30	50-115	D
2,4-Dimethylphenol	660	282 J	43	33	30	30-105	D J
Dimethyl phthalate	660	429	65	20	30	50-110	D
Di-n-butyl phthalate	660	430	65	22	30	55-110	D
4,6-Dinitro-2-methylphenol	660	474 J	72	11	30	30-135	D
2,4-Dinitrophenol	660	803 J	122	9	30	15-130	D
2,4-Dinitrotoluene	660	490 J	74	17	30	50-115	D
2,6-Dinitrotoluene	660	538 J	81	9	30	50-110	D
Di-n-octyl phthalate	660	410	62	18	30	40-130	D
Fluoranthene	660	452	69	18	30	55-115	D
Fluorene	660	417	63	21	30	50-110	D
Hexachlorobenzene	660	425	64	22	30	45-120	D

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21130008.D

Lab ID: 240-17768-23 MSD Client ID: 076SB-0036M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobutadiene	660	342	52	21	30	40-115	D
Hexachloroethane	660	337	51	23	30	35-110	D
Indeno[1,2,3-cd]pyrene	660	384	58	20	30	40-120	D
Isophorone	660	371	56	25	30	45-110	D
2-Methylnaphthalene	660	366	55	22	30	45-105	D
2-Methylphenol	660	400 U	0	200	30	40-105	J
3 & 4 Methylphenol	1320	736 J	56	26	30	40-105	D
Naphthalene	660	363	55	22	30	40-105	D
2-Nitroaniline	660	398 J	60	31	30	45-120	D J
3-Nitroaniline	660	336 J	51	33	30	25-110	D J
4-Nitroaniline	660	437 J	66	23	30	35-115	D
Nitrobenzene	660	360 J	55	20	30	40-115	D
2-Nitrophenol	660	367	56	25	30	40-110	D
4-Nitrophenol	660	400 U	0	200	30	15-140	J
N-Nitrosodi-n-propylamine	660	375	57	31	30	40-115	D J
N-Nitrosodiphenylamine	660	422	64	23	30	50-115	D
Pentachlorophenol	660	469 J	71	4	30	25-120	D
Phenanthrene	660	421	64	23	30	50-110	D
Phenol	660	366	55	24	30	40-100	D
Pyrene	660	409	62	19	30	45-125	D
1,2,4-Trichlorobenzene	660	345	52	18	30	45-110	D
2,4,5-Trichlorophenol	660	418 J	63	21	30	50-110	D
2,4,6-Trichlorophenol	660	414 J	63	18	30	45-110	D

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.: 240-17768-1

SDG No.:

Lab File ID: 21205004.D Lab Sample ID: MB 240-66227/23-A

Matrix: Solid Date Extracted: 11/26/2012 09:35

Instrument ID: A4HP7 Date Analyzed: 12/05/2012 10:19

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-66227/24-A	21205005.D	12/05/2012 10:43
70SB-0016M-0001-SO	240-17768-6	21205006.D	12/05/2012 11:06
70SB-0016M-0001-SO MS	240-17768-6 MS	21205007.D	12/05/2012 11:29
70SB-0016M-0001-SO MSD	240-17768-6 MSD	21205008.D	12/05/2012 11:52
70SB-0014M-0001-SO	240-17768-4	21205017.D	12/05/2012 15:21
70SB-0012M-0001-SO	240-17768-2	21205018.D	12/05/2012 15:44
70SB-0013M-0001-SO	240-17768-3	21205019.D	12/05/2012 16:08
70SB-0015M-0001-SO	240-17768-5	21205020.D	12/05/2012 16:31

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab File ID: 21204006.D Lab Sample ID: MB 240-66237/12-A

Matrix: Solid Date Extracted: 11/26/2012 09:49

Instrument ID: A4HP7 Date Analyzed: 12/04/2012 10:56

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-66237/13-A	21203011.D	12/03/2012 14:25
70SB-0011M-0001-SO	240-17768-1	21203015.D	12/03/2012 16:47
70SB-0011M-0001-SO MS	240-17768-1 MS	21203016.D	12/03/2012 17:10
70SB-0011M-0001-SO MSD	240-17768-1 MSD	21203017.D	12/03/2012 17:34

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab File ID: 21130004.D Lab Sample ID: MB 240-66397/18-A

Matrix: Solid Date Extracted: 11/27/2012 09:22

Instrument ID: A4HP7 Date Analyzed: 11/30/2012 09:37

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-66397/19-A	21130005.D	11/30/2012 10:01
076SB-0036M-0001-SO	240-17768-23	21130006.D	11/30/2012 10:24
076SB-0036M-0001-SO MS	240-17768-23 MS	21130007.D	11/30/2012 10:47
076SB-0036M-0001-SO MSD	240-17768-23 MSD	21130008.D	11/30/2012 11:11
70SB-0017M-0001-SO	240-17768-7	21130009.D	11/30/2012 11:34
076SB-0040M-0001-SO	240-17768-12	21130010.D	11/30/2012 11:57
076SB-0030M-0001-SO	240-17768-17	21130011.D	11/30/2012 12:21
076SB-0031M-0001-SO	240-17768-18	21130012.D	11/30/2012 12:44
076SB-0035M-0001-SO	240-17768-22	21130013.D	11/30/2012 13:07
076SB-0043M-0001-SO	240-17768-15	21130014.D	11/30/2012 13:31
076SB-0034M-0001-SO	240-17768-21	21130015.D	11/30/2012 13:54
076SB-0033M-0001-SO	240-17768-20	21130016.D	11/30/2012 14:17
076SB-0038M-0001-SO	240-17768-10	21130017.D	11/30/2012 14:41
076SB-0032M-0001-SO	240-17768-19	21130018.D	11/30/2012 15:04
076SB-0041M-0001-SO	240-17768-13	21130019.D	11/30/2012 15:28
076SB-0037M-0001-SO	240-17768-9	21130020.D	11/30/2012 15:51
076SB-0039M-0001-SO	240-17768-11	21130021.D	11/30/2012 16:14
076SB-0042M-0001-SO	240-17768-14	21130022.D	11/30/2012 16:38

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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.: 240-17768-1

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.: 240-17768-1

SDG No.:

Lab File ID: 21130001.D DFTPP Injection Date: 11/30/2012

Instrument ID: A4HP7 DFTPP Injection Time: 08:29

Analysis Batch No.: 66878

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	42.1	
68	Less than 2.0% of mass 69	0.5	(1.1)1
69	Mass 69 relative abundance	44.2	
70	Less than 2.0% of mass 69	0.1	(0.3)1
127	25.0 - 75.0% of mass 198	52.2	
197	Less than 1.0% of mass 198	0.5	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	7.1	
275	10.0- 30.0% of mass 198	24.9	
365	Greater than 0.75% of mass 198	3.3	
441	Present, but less than mass 443	14.0	
442	40.0 - 110.0% of mass 198	96.4	
443	15.0 - 24.0% of mass 442	17.5	(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
	CCV 240-66878/2	21130002.D	11/30/2012	08:51
	MRL 240-66878/3	21130003.D	11/30/2012	09:14
	MB 240-66397/18-A	21130004.D	11/30/2012	09:37
	LCS 240-66397/19-A	21130005.D	11/30/2012	10:01
076SB-0036M-0001-SO	240-17768-23	21130006.D	11/30/2012	10:24
076SB-0036M-0001-SO MS	240-17768-23 MS	21130007.D	11/30/2012	10:47
076SB-0036M-0001-SO MSD	240-17768-23 MSD	21130008.D	11/30/2012	11:11
70SB-0017M-0001-SO	240-17768-7	21130009.D	11/30/2012	11:34
076SB-0040M-0001-SO	240-17768-12	21130010.D	11/30/2012	11:57
076SB-0030M-0001-SO	240-17768-17	21130011.D	11/30/2012	12:21
076SB-0031M-0001-SO	240-17768-18	21130012.D	11/30/2012	12:44
076SB-0035M-0001-SO	240-17768-22	21130013.D	11/30/2012	13:07
076SB-0043M-0001-SO	240-17768-15	21130014.D	11/30/2012	13:31
076SB-0034M-0001-SO	240-17768-21	21130015.D	11/30/2012	13:54
076SB-0033M-0001-SO	240-17768-20	21130016.D	11/30/2012	14:17
076SB-0038M-0001-SO	240-17768-10	21130017.D	11/30/2012	14:41
076SB-0032M-0001-SO	240-17768-19	21130018.D	11/30/2012	15:04
076SB-0041M-0001-SO	240-17768-13	21130019.D	11/30/2012	15:28
076SB-0037M-0001-SO	240-17768-9	21130020.D	11/30/2012	15:51
076SB-0039M-0001-SO	240-17768-11	21130021.D	11/30/2012	16:14
076SB-0042M-0001-SO	240-17768-14	21130022.D	11/30/2012	16:38
	MRL 240-66878/23	21130023.D	11/30/2012	17:01

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab File ID: 21203001.D DFTPP Injection Date: 12/03/2012

Instrument ID: A4HP7 DFTPP Injection Time: 10:29

Analysis Batch No.: 67052

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	48.1	
68	Less than 2.0% of mass 69	0.7	(1.5)1
69	Mass 69 relative abundance	47.8	
70	Less than 2.0% of mass 69	0.1	(0.1)1
127	25.0 - 75.0% of mass 198	55.0	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.8	
275	10.0- 30.0% of mass 198	23.5	
365	Greater than 0.75% of mass 198	2.9	
441	Present, but less than mass 443	12.4	
442	40.0 - 110.0% of mass 198	88.5	
443	15.0 - 24.0% of mass 442	14.9	(16.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-67052/2	21203002.D	12/03/2012	10:52
	MRL 240-67052/3	21203003.D	12/03/2012	11:16
	LCS 240-66237/13-A	21203011.D	12/03/2012	14:25
70SB-0011M-0001-SO	240-17768-1	21203015.D	12/03/2012	16:47
70SB-0011M-0001-SO MS	240-17768-1 MS	21203016.D	12/03/2012	17:10
70SB-0011M-0001-SO MSD	240-17768-1 MSD	21203017.D	12/03/2012	17:34
	MRL 240-67052/18	21203018.D	12/03/2012	17:58
	mdll1	21203019.D	12/03/2012	18:21
	mdll2	21203020.D	12/03/2012	18:45
	mdll3	21203021.D	12/03/2012	19:09

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab File ID: 21204001.D DFTPP Injection Date: 12/04/2012

Instrument ID: A4HP7 DFTPP Injection Time: 08:58

Analysis Batch No.: 67225

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	47.6	
68	Less than 2.0% of mass 69	0.7	(1.6)1
69	Mass 69 relative abundance	46.7	
70	Less than 2.0% of mass 69	0.2	(0.5)1
127	25.0 - 75.0% of mass 198	53.4	
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	24.4	
365	Greater than 0.75% of mass 198	2.8	
441	Present, but less than mass 443	12.3	
442	40.0 - 110.0% of mass 198	80.3	
443	15.0 - 24.0% of mass 442	15.4	(19.2)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
	CCV 240-67225/2	21204002.D	12/04/2012	09:21
	MRL 240-67225/3	21204003.D	12/04/2012	09:45
	MB 240-66237/12-A	21204006.D	12/04/2012	10:56
	MRL 240-67225/25	21204025.D	12/04/2012	18:26

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab File ID: 21205001.D DFTPP Injection Date: 12/05/2012

Instrument ID: A4HP7 DFTPP Injection Time: 09:10

Analysis Batch No.: 67390

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	43.7	
68	Less than 2.0% of mass 69	0.4	(0.8)1
69	Mass 69 relative abundance	44.5	
70	Less than 2.0% of mass 69	0.1	(0.2)1
127	25.0 - 75.0% of mass 198	51.7	
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	7.0	
275	10.0- 30.0% of mass 198	24.4	
365	Greater than 0.75% of mass 198	2.9	
441	Present, but less than mass 443	12.5	
442	40.0 - 110.0% of mass 198	88.8	
443	15.0 - 24.0% of mass 442	16.8	(19.0)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 240-67390/2	21205002.D	12/05/2012	09:33
	MRL 240-67390/3	21205003.D	12/05/2012	09:56
	MB 240-66227/23-A	21205004.D	12/05/2012	10:19
	LCS 240-66227/24-A	21205005.D	12/05/2012	10:43
70SB-0016M-0001-SO	240-17768-6	21205006.D	12/05/2012	11:06
70SB-0016M-0001-SO MS	240-17768-6 MS	21205007.D	12/05/2012	11:29
70SB-0016M-0001-SO MSD	240-17768-6 MSD	21205008.D	12/05/2012	11:52
70SB-0014M-0001-SO	240-17768-4	21205017.D	12/05/2012	15:21
70SB-0012M-0001-SO	240-17768-2	21205018.D	12/05/2012	15:44
70SB-0013M-0001-SO	240-17768-3	21205019.D	12/05/2012	16:08
70SB-0015M-0001-SO	240-17768-5	21205020.D	12/05/2012	16:31
	MRL 240-67390/26	21205026.D	12/05/2012	18:50
	mdll1	21205027.D	12/05/2012	19:14
	mdll2	21205028.D	12/05/2012	19:37
	mdll3	21205029.D	12/05/2012	20:00

FORM VIII

GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-65876/3		177147	5.86	653446	6.99	382015	8.48
CCV 240-66878/2		144268	5.78	548281	6.90	318663	8.40
MRL 240-66878/3		143598	5.78	552041	6.90	310023	8.40
MB 240-66397/18-A		122688	5.78	472221	6.90	275864	8.40
LCS 240-66397/19-A		131365	5.78	484579	6.90	289984	8.40
240-17768-23	076SB-0036M-0001-SO	131663	5.78	511396	6.90	292449	8.40
240-17768-23 MS	076SB-0036M-0001-SO MS	128131	5.78	505054	6.90	290305	8.40
240-17768-23 MSD	076SB-0036M-0001-SO MSD	136581	5.78	538698	6.90	311970	8.40
240-17768-7	70SB-0017M-0001-SO	142718	5.78	550645	6.90	315063	8.40
240-17768-12	076SB-0040M-0001-SO	135943	5.78	525299	6.90	314511	8.40
240-17768-17	076SB-0030M-0001-SO	140755	5.78	542353	6.90	304660	8.40
240-17768-18	076SB-0031M-0001-SO	142005	5.78	566430	6.90	326092	8.40
240-17768-22	076SB-0035M-0001-SO	143984	5.78	543191	6.90	306010	8.40
240-17768-15	076SB-0043M-0001-SO	142810	5.78	557615	6.90	320509	8.40
240-17768-21	076SB-0034M-0001-SO	139341	5.78	535947	6.90	312605	8.40
240-17768-20	076SB-0033M-0001-SO	139981	5.79	523498	6.91	301144	8.40
240-17768-10	076SB-0038M-0001-SO	125309	5.78	491170	6.91	281245	8.40
240-17768-19	076SB-0032M-0001-SO	125744	5.79	484708	6.91	281561	8.40
240-17768-13	076SB-0041M-0001-SO	123931	5.78	484023	6.91	271798	8.40
240-17768-9	076SB-0037M-0001-SO	128609	5.78	488811	6.91	283912	8.40
240-17768-11	076SB-0039M-0001-SO	123558	5.79	470618	6.91	276594	8.40
240-17768-14	076SB-0042M-0001-SO	127622	5.78	492590	6.91	282753	8.40
MRL 240-66878/23		165845	5.78	641256	6.90	379252	8.40
CCV 240-67052/2		173067	5.74	628171	6.87	371063	8.37
MRL 240-67052/3		155205	5.74	579661	6.87	337131	8.37
LCS 240-66237/13-A		129726	5.74	484704	6.87	287882	8.37
240-17768-1	70SB-0011M-0001-SO	156496	5.75	568889	6.87	336338	8.37

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
240-17768-1 MS	70SB-0011M-0001-SO MS	150614	5.75	584439	6.87	342092	8.37
240-17768-1 MSD	70SB-0011M-0001-SO MSD	176894	5.75	668617	6.87	393837	8.36
MRL 240-67052/18		215290	5.74	833398	6.87	488895	8.37
mdll1 LODV		185251	5.75	685606	6.87	388846	8.36
mdll2 LODV		168661	5.74	662955	6.87	377547	8.37
mdll3 LODV		210553	5.74	790008	6.87	457837	8.37
CCV 240-67225/2		182784	5.77	687548	6.89	401283	8.39
MRL 240-67225/3		176064	5.77	684300	6.90	392860	8.39
MB 240-66237/12-A		167172	5.77	635116	6.89	362036	8.39
MRL 240-67225/25		222892	5.77	864168	6.89	509717	8.39
CCV 240-67390/2		184850	5.73	690703	6.86	389088	8.35
MRL 240-67390/3		183041	5.73	698981	6.86	395697	8.35
MB 240-66227/23-A		150004	5.73	569528	6.86	336883	8.35
LCS 240-66227/24-A		147985	5.73	563698	6.86	327120	8.35
240-17768-6	70SB-0016M-0001-SO	169016	5.74	646398	6.86	371449	8.35
240-17768-6 MS	70SB-0016M-0001-SO MS	184606	5.74	700141	6.86	405188	8.35
240-17768-6 MSD	70SB-0016M-0001-SO MSD	180542	5.74	687342	6.86	406914	8.35
240-17768-4	70SB-0014M-0001-SO	200585	5.74	768651	6.86	446056	8.35
240-17768-2	70SB-0012M-0001-SO	199761	5.74	761956	6.86	435844	8.35
240-17768-3	70SB-0013M-0001-SO	195994	5.74	753548	6.86	430823	8.35
240-17768-5	70SB-0015M-0001-SO	187128	5.74	725945	6.86	416745	8.35
MRL 240-67390/26		232713	5.73	872526	6.86	516619	8.35
mdll1 LODV		189144	5.73	682166	6.86	387342	8.35
mdll2 LODV		191062	5.73	735870	6.86	411278	8.35
mdll3 LODV		203878	5.73	735654	6.86	428114	8.35

Column used to flag values outside QC limits

FORM VIII

GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-65876/3		646813	9.74	684665	12.26	583062	14.30
CCV 240-66878/2		536827	9.65	554320	12.13	464178	14.13
MRL 240-66878/3		553050	9.65	558035	12.13	459340	14.13
MB 240-66397/18-A		468903	9.65	489045	12.13	397503	14.13
LCS 240-66397/19-A		487542	9.65	506011	12.13	425234	14.13
240-17768-23	076SB-0036M-0001-SO	511198	9.65	528200	12.13	459926	14.13
240-17768-23 MS	076SB-0036M-0001-SO MS	505693	9.65	532281	12.13	464460	14.13
240-17768-23 MSD	076SB-0036M-0001-SO MSD	538212	9.65	552541	12.13	488206	14.13
240-17768-7	70SB-0017M-0001-SO	539798	9.65	540563	12.13	491076	14.13
240-17768-12	076SB-0040M-0001-SO	538896	9.65	543919	12.13	505952	14.13
240-17768-17	076SB-0030M-0001-SO	541908	9.65	562529	12.13	501873	14.13
240-17768-18	076SB-0031M-0001-SO	563600	9.65	588639	12.13	531174	14.13
240-17768-22	076SB-0035M-0001-SO	535358	9.65	563438	12.13	509731	14.13
240-17768-15	076SB-0043M-0001-SO	549849	9.65	579626	12.13	517314	14.13
240-17768-21	076SB-0034M-0001-SO	541473	9.65	558099	12.13	509580	14.13
240-17768-20	076SB-0033M-0001-SO	530991	9.65	546972	12.13	495243	14.13
240-17768-10	076SB-0038M-0001-SO	497513	9.65	508740	12.13	460123	14.13
240-17768-19	076SB-0032M-0001-SO	487598	9.65	505236	12.13	458681	14.13
240-17768-13	076SB-0041M-0001-SO	494746	9.65	507081	12.13	456740	14.13
240-17768-9	076SB-0037M-0001-SO	496258	9.65	517688	12.13	465426	14.13
240-17768-11	076SB-0039M-0001-SO	476235	9.65	495420	12.13	459428	14.13
240-17768-14	076SB-0042M-0001-SO	487927	9.65	505613	12.13	463816	14.13
MRL 240-66878/23		658653	9.65	668346	12.13	575957	14.13
CCV 240-67052/2		629691	9.62	627619	12.08	501299	14.07
MRL 240-67052/3		592902	9.62	590112	12.08	451487	14.07
LCS 240-66237/13-A		494578	9.62	494336	12.08	385436	14.07
240-17768-1	70SB-0011M-0001-SO	591101	9.62	610106	12.08	526142	14.07

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.: 240-17768-1

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							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
240-17768-1 MS	70SB-0011M-0001-SO MS	618303	9.62	629492	12.08	531440	14.06
240-17768-1 MSD	70SB-0011M-0001-SO MSD	688118	9.62	705661	12.08	622142	14.07
MRL 240-67052/18		873054	9.62	872612	12.08	729120	14.07
mdll1 LODV		678647	9.62	666494	12.08	549755	14.07
mdll2 LODV		662488	9.62	654282	12.08	517888	14.07
mdll3 LODV		794641	9.62	789623	12.08	630901	14.07
CCV 240-67225/2		719945	9.65	734647	12.12	625293	14.12
MRL 240-67225/3		685602	9.65	719988	12.12	562415	14.12
MB 240-66237/12-A		640495	9.65	631935	12.12	500598	14.12
MRL 240-67225/25		937341	9.65	940963	12.12	791185	14.12
CCV 240-67390/2		693081	9.60	681845	12.06	587908	14.04
MRL 240-67390/3		682268	9.60	667929	12.06	557783	14.04
MB 240-66227/23-A		569498	9.60	561074	12.06	422888	14.04
LCS 240-66227/24-A		540662	9.60	546289	12.05	423763	14.03
240-17768-6	70SB-0016M-0001-SO	635694	9.60	614619	12.05	504100	14.03
240-17768-6 MS	70SB-0016M-0001-SO MS	704560	9.60	697710	12.05	561449	14.03
240-17768-6 MSD	70SB-0016M-0001-SO MSD	687746	9.60	695616	12.05	565108	14.03
240-17768-4	70SB-0014M-0001-SO	786461	9.60	804255	12.06	720759	14.04
240-17768-2	70SB-0012M-0001-SO	760884	9.60	776046	12.06	708019	14.04
240-17768-3	70SB-0013M-0001-SO	738469	9.60	743460	12.05	678676	14.04
240-17768-5	70SB-0015M-0001-SO	739304	9.60	745232	12.05	657539	14.03
MRL 240-67390/26		919394	9.60	886927	12.06	773895	14.03
mdll1 LODV		665763	9.60	650453	12.05	562456	14.03
mdll2 LODV		737942	9.60	732589	12.05	626712	14.04
mdll3 LODV		745790	9.60	761591	12.05	634432	14.03

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.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0011M-0001-SO | Lab Sample ID: 240-17768-1

Matrix: Solid | Lab File ID: 21203015.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 29.97(g) | Date Analyzed: 12/03/2012 16:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	13	U	27	13	13
208-96-8	Acenaphthylene	13	U	27	13	13
120-12-7	Anthracene	13	U	27	13	13
56-55-3	Benzo[a]anthracene	13	U	27	13	13
50-32-8	Benzo[a]pyrene	13	U	27	13	13
205-99-2	Benzo[b]fluoranthene	13	U	27	13	13
191-24-2	Benzo[g,h,i]perylene	13	U	27	13	13
65-85-0	Benzoic acid	1300	U	2600	1300	1300
207-08-9	Benzo[k]fluoranthene	13	U	27	13	13
100-51-6	Benzyl alcohol	110	U	1300	110	84
111-91-1	Bis(2-chloroethoxy)methane	110	U	400	110	88
111-44-4	Bis(2-chloroethyl)ether	13	U	400	13	8.0
108-60-1	bis (2-chloroisopropyl) ether	110	U	400	110	38
117-81-7	Bis(2-ethylhexyl) phthalate	110	U	200	110	76
101-55-3	4-Bromophenyl phenyl ether	110	U	200	110	52
85-68-7	Butyl benzyl phthalate	110	U	200	110	40
86-74-8	Carbazole	110	U	200	110	110
106-47-8	4-Chloroaniline	110	U	600	110	68
59-50-7	4-Chloro-3-methylphenol	110	U	600	110	84
91-58-7	2-Chloronaphthalene	13	U	200	13	13
95-57-8	2-Chlorophenol	110	U	200	110	110
7005-72-3	4-Chlorophenyl phenyl ether	110	U	200	110	52
218-01-9	Chrysene	13	U	27	13	4.4
53-70-3	Dibenz(a,h)anthracene	13	U	27	13	13
132-64-9	Dibenzofuran	13	U	200	13	13
95-50-1	1,2-Dichlorobenzene	110	U	200	110	39
541-73-1	1,3-Dichlorobenzene	110	U	200	110	44
106-46-7	1,4-Dichlorobenzene	110	U	200	110	80
91-94-1	3,3'-Dichlorobenzidine	320	U	400	320	72
120-83-2	2,4-Dichlorophenol	110	U	600	110	80
84-66-2	Diethyl phthalate	110	U	200	110	64
105-67-9	2,4-Dimethylphenol	320	U	600	320	80
131-11-3	Dimethyl phthalate	110	U	200	110	68
84-74-2	Di-n-butyl phthalate	110	U	200	110	60

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0011M-0001-SO | Lab Sample ID: 240-17768-1

Matrix: Solid | Lab File ID: 21203015.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 29.97(g) | Date Analyzed: 12/03/2012 16:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	320	U J	600	320	320
51-28-5	2,4-Dinitrophenol	320	U J	1300	320	320
121-14-2	2,4-Dinitrotoluene	110	U	800	110	110
606-20-2	2,6-Dinitrotoluene	110	U	800	110	84
117-84-0	Di-n-octyl phthalate	110	U	200	110	110
206-44-0	Fluoranthene	15	J	27	13	13
86-73-7	Fluorene	13	U	27	13	13
118-74-1	Hexachlorobenzene	13	U	27	13	8.4
87-68-3	Hexachlorobutadiene	110	U	200	110	110
77-47-4	Hexachlorocyclopentadiene	110	U	1300	110	110
67-72-1	Hexachloroethane	110	U	200	110	36
193-39-5	Indeno[1,2,3-cd]pyrene	13	U	27	13	13
78-59-1	Isophorone	110	U	200	110	52
91-57-6	2-Methylnaphthalene	18	J	27	13	13
95-48-7	2-Methylphenol	320	U	800	320	320
15831-10-4	3 & 4 Methylphenol	320	U	1600	320	80
91-20-3	Naphthalene	13	U	27	13	13
88-74-4	2-Nitroaniline	110	U	800	110	36
99-09-2	3-Nitroaniline	320	U	800	320	64
100-01-6	4-Nitroaniline	110	U	800	110	100
98-95-3	Nitrobenzene	13	U	400	13	8.8
88-75-5	2-Nitrophenol	110	U	200	110	110
100-02-7	4-Nitrophenol	320	U	1300	320	320
621-64-7	N-Nitrosodi-n-propylamine	110	U	200	110	110
86-30-6	N-Nitrosodiphenylamine	110	U	200	110	84
87-86-5	Pentachlorophenol	320	U	600	320	320
85-01-8	Phenanthrene	29		27	13	13
108-95-2	Phenol	110	U	200	110	110
129-00-0	Pyrene	26	J	27	13	13
120-82-1	1,2,4-Trichlorobenzene	110	U	200	110	110
95-95-4	2,4,5-Trichlorophenol	110	U	600	110	100
88-06-2	2,4,6-Trichlorophenol	320	U	600	320	320

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0011M-0001-SO | Lab Sample ID: 240-17768-1

Matrix: Solid | Lab File ID: 21203015.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 29.97(g) | Date Analyzed: 12/03/2012 16:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	59		45-105
367-12-4	2-Fluorophenol (Surr)	58		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	57		35-100
4165-62-2	Phenol-d5 (Surr)	61		40-100
1718-51-0	Terphenyl-d14 (Surr)	68		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	60		35-125

Report Date: 04-Dec-2012 11:17:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203015.D
Lims ID: 240-17768-H-1-B Client ID: 70SB-0011M-0001-SO
Inject. Date: 03-Dec-2012 16:47:30 Dil. Factor: 4.0000
Sample Type: Client
Sample ID: 240-0015460-015
Misc. Info.: 240-17768-h-1-b
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 67052 Lims Sample ID: 15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\8270_hp7.m
Last Update: 04-Dec-2012 11:17:47 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: XAWRK009

First Level Reviewer: gruberj Date: 04-Dec-2012 09:11:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.749	5.744	0.005	95	156496	4.00	
* 2 Naphthalene-d8	136	6.872	6.872	0.0	97	568889	4.00	
* 3 Acenaphthene-d10	164	8.365	8.365	0.0	92	336338	4.00	
* 4 Phenanthrene-d10	188	9.616	9.616	0.0	97	591101	4.00	
* 5 Chrysene-d12	240	12.077	12.077	0.0	94	610106	4.00	
* 6 Perylene-d12	264	14.066	14.066	0.0	96	526142	4.00	
$ 7 2-Fluorophenol	112	4.481	4.455	0.026	93	105542	2.18	
$ 8 Phenol-d5	99	5.401	5.396	0.005	89	141271	2.30	
$ 9 Nitrobenzene-d5	82	6.241	6.241	0.0	83	70825	1.42	
$ 10 2-Fluorobiphenyl (Surr)	172	7.782	7.782	0.0	98	160898	1.47	
$ 11 2,4,6-Tribromophenol	330	9.028	9.028	0.0	82	31421	2.26	
$ 12 Terphenyl-d14	244	10.953	10.953	0.0	97	191569	1.70	
41 Phenol	94		5.407					
44 Bis(2-chloroethyl)ether	93		5.498					9
46 2-Chlorophenol	128		5.551					
47 1,3-Dichlorobenzene	146		5.696					9
48 1,4-Dichlorobenzene	146		5.760					9
49 Benzyl alcohol	108		5.867					9
50 1,2-Dichlorobenzene	146		5.899					
51 2-Methylphenol	108		5.958					9
52 2,2'-oxybis[1-chloropropane]	45		5.984					9
191 3 & 4 Methylphenol	108		6.091					
56 N-Nitrosodi-n-propylamine	70		6.102					
60 Hexachloroethane	117		6.204					
61 Nitrobenzene	77		6.257					
63 Isophorone	82		6.466					
65 2-Nitrophenol	139		6.535					9
64 2,4-Dimethylphenol	107		6.562					
69 Benzoic acid	122		6.632					9
68 Bis(2-chloroethoxy)methane	93		6.642					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.739					
72 1,2,4-Trichlorobenzene	180		6.819					
73 Naphthalene	128		6.888					
74 4-Chloroaniline	127		6.926					9
77 Hexachlorobutadiene	225		6.990					
84 4-Chloro-3-methylphenol	107		7.327					9
85 2-Methylnaphthalene	142	7.477	7.477	0.0	66	6147	0.0676	
88 Hexachlorocyclopentadiene	237		7.610					
90 2,4,6-Trichlorophenol	196		7.712					
91 2,4,5-Trichlorophenol	196		7.744					
98 2-Chloronaphthalene	162		7.894					
100 2-Nitroaniline	65		7.969					9
103 Dimethyl phthalate	163		8.113					9
105 2,6-Dinitrotoluene	165		8.172					
107 Acenaphthylene	152		8.247					9
108 3-Nitroaniline	138		8.316					9
110 Acenaphthene	153		8.391					9
109 2,4-Dinitrophenol	184		8.402					
111 4-Nitrophenol	109		8.440					9
112 2,4-Dinitrotoluene	165		8.509					9
114 Dibenzofuran	168		8.536					
119 Diethyl phthalate	149		8.702					
121 4-Chlorophenyl phenyl ether	204		8.814					
124 Fluorene	166		8.825					
123 4-Nitroaniline	138		8.830					9
126 4,6-Dinitro-2-methylphenol	198		8.851					
130 N-Nitrosodiphenylamine	169		8.910					
137 4-Bromophenyl phenyl ether	248		9.226					
139 Hexachlorobenzene	284		9.290					
141 Pentachlorophenol	266		9.450					
146 Phenanthrene	178	9.638	9.638	0.0	79	17291	0.1071	
147 Anthracene	178		9.680					
149 Carbazole	167		9.809					
151 Di-n-butyl phthalate	149		10.071					
157 Fluoranthene	202	10.638	10.638	0.0	85	10327	0.0579	
160 Pyrene	202	10.836	10.836	0.0	94	18660	0.0959	
166 Butyl benzyl phthalate	149		11.408					
173 3,3'-Dichlorobenzidine	252		12.018					9
171 Bis(2-ethylhexyl) phthalate	149		12.044					
175 Benzo[a]anthracene	228		12.066					
176 Chrysene	228		12.109					
178 Di-n-octyl phthalate	149		12.911					
180 Benzo[b]fluoranthene	252		13.505					
181 Benzo[k]fluoranthene	252		13.542					
182 Benzo[a]pyrene	252		13.986					
186 Indeno[1,2,3-cd]pyrene	276		15.660					
187 Dibenz(a,h)anthracene	278		15.692					9
188 Benzo[g,h,i]perylene	276		16.067					2

QC Flag Legend

Processing Flags
2 - Failed Coelution Test
9 - Failed A Reference Spectral Test

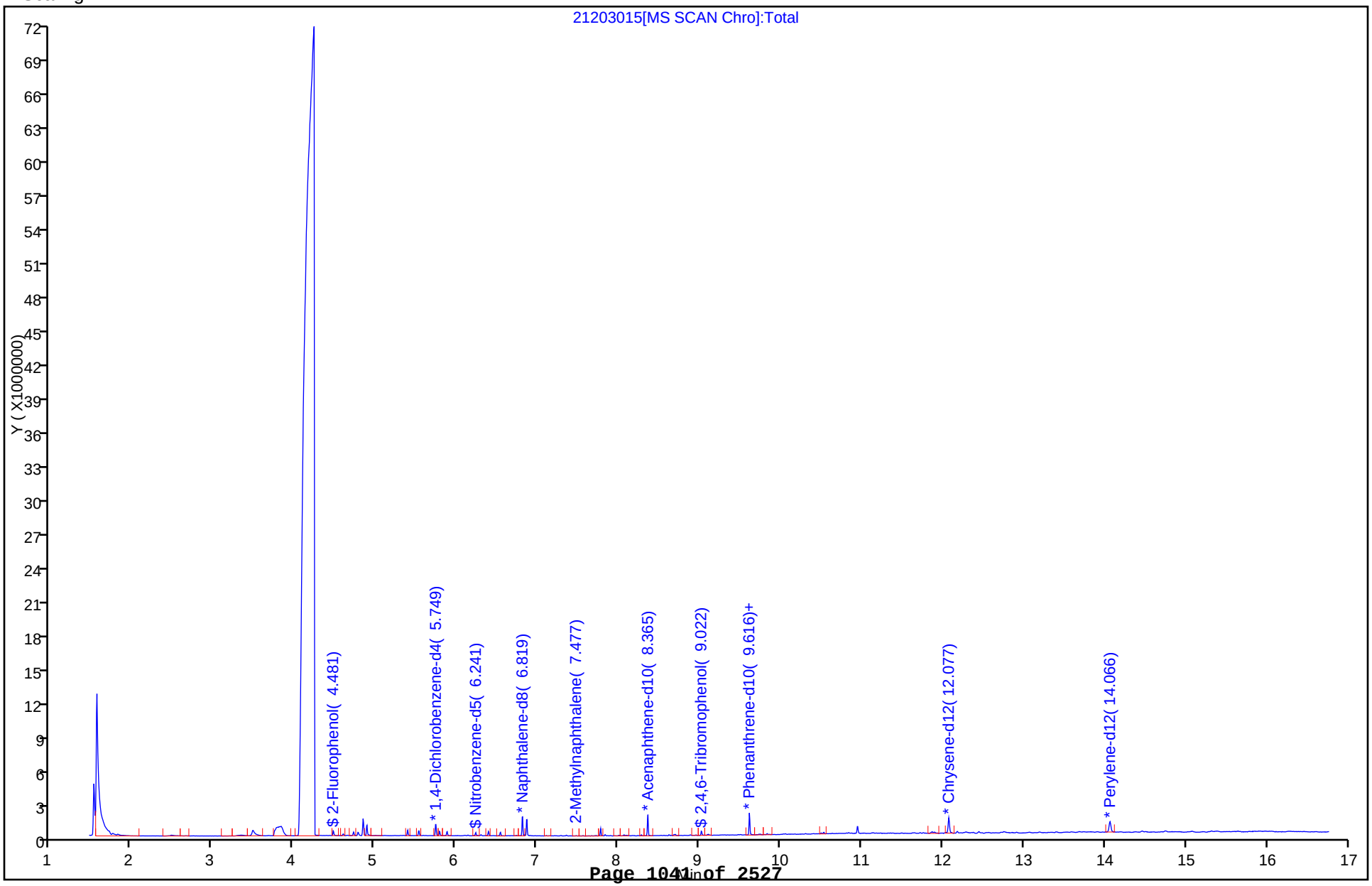
Report Date: 04-Dec-2012 11:17:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203015.D

Injection Date:	03-Dec-2012 16:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0011M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67052	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



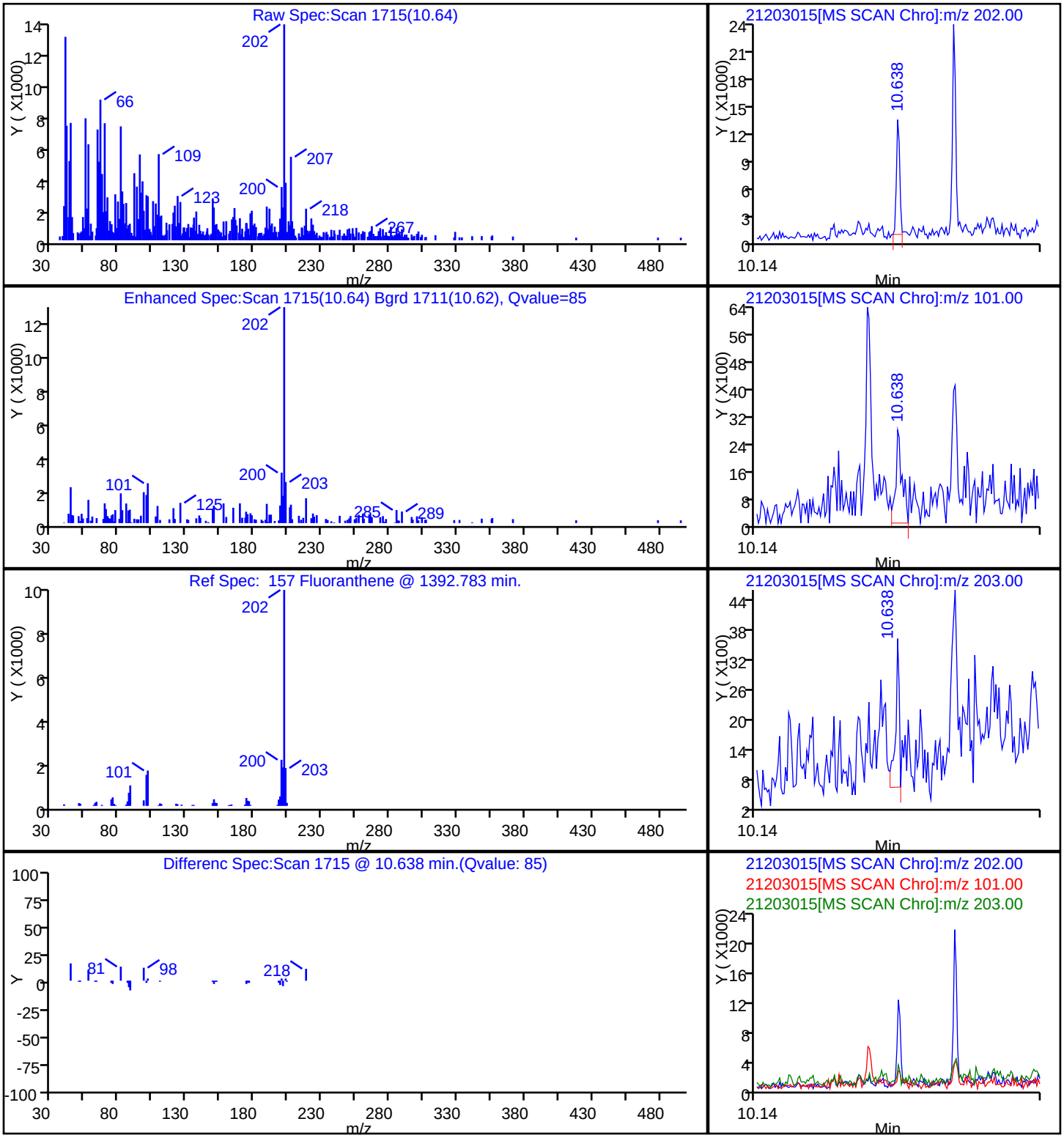
Report Date: 04-Dec-2012 11:17:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203015.D

Injection Date:	03-Dec-2012 16:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0011M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67052	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



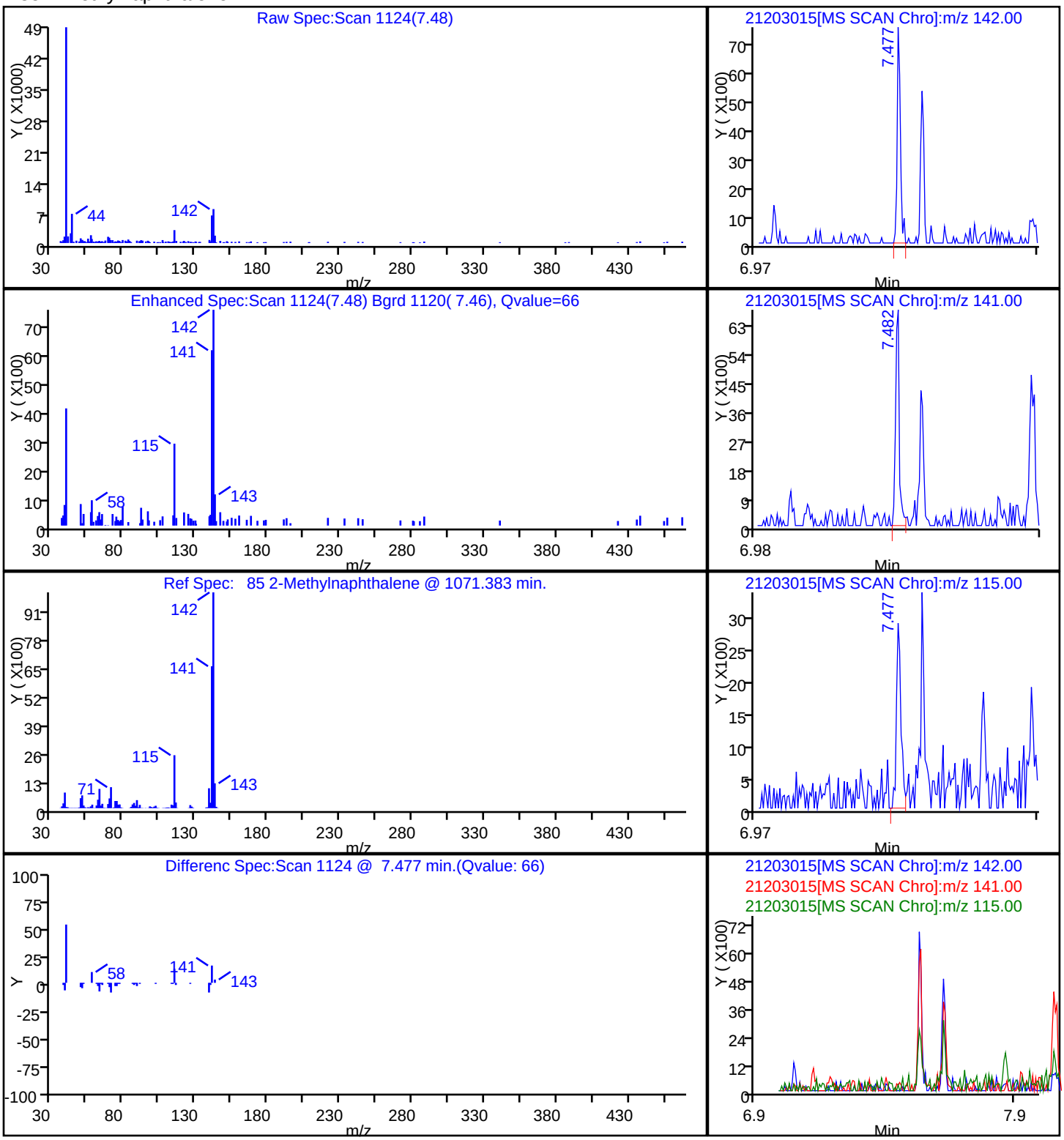
Report Date: 04-Dec-2012 11:17:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203015.D

Injection Date:	03-Dec-2012 16:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0011M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67052	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



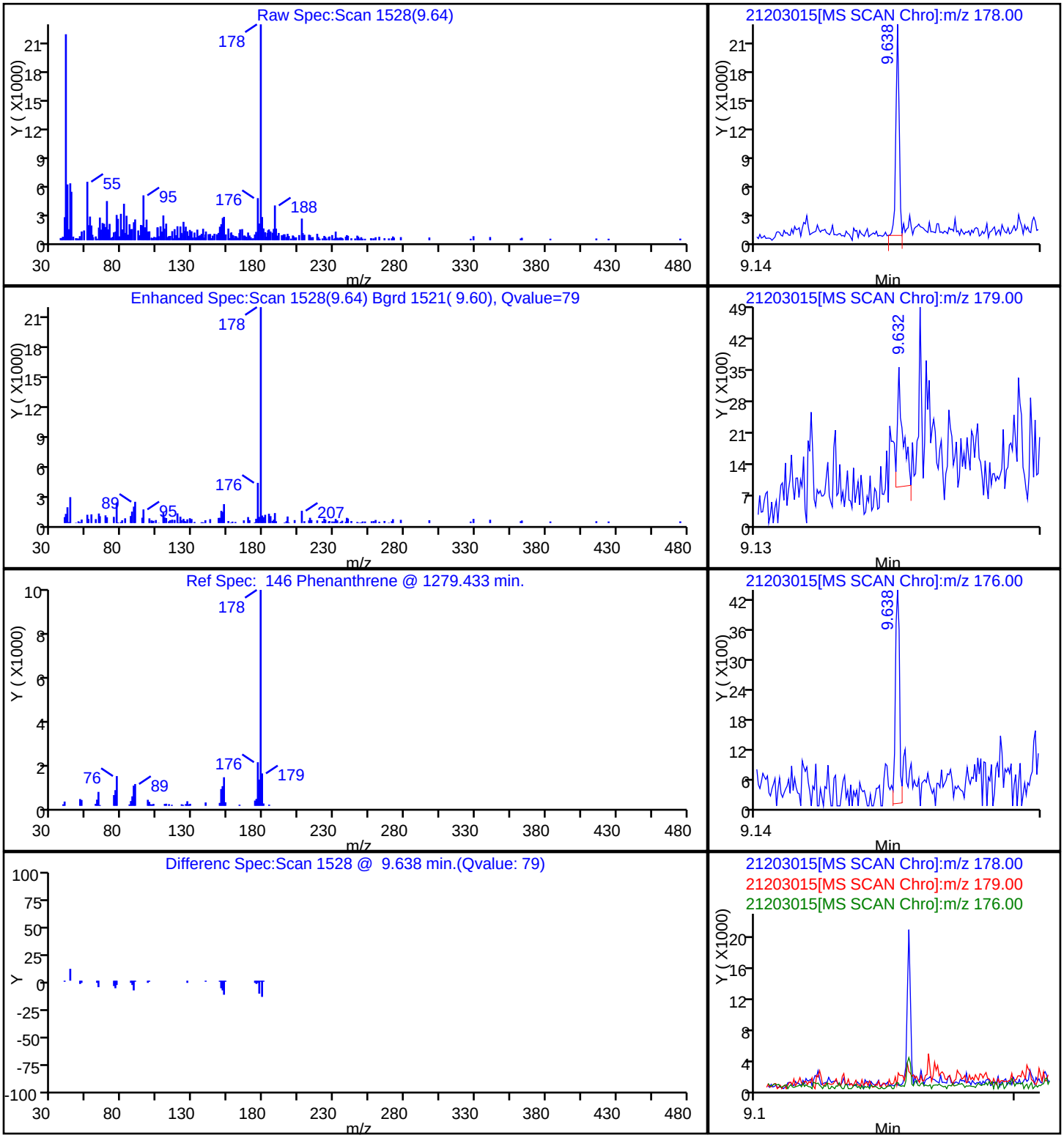
Report Date: 04-Dec-2012 11:17:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203015.D

Injection Date:	03-Dec-2012 16:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0011M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67052	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



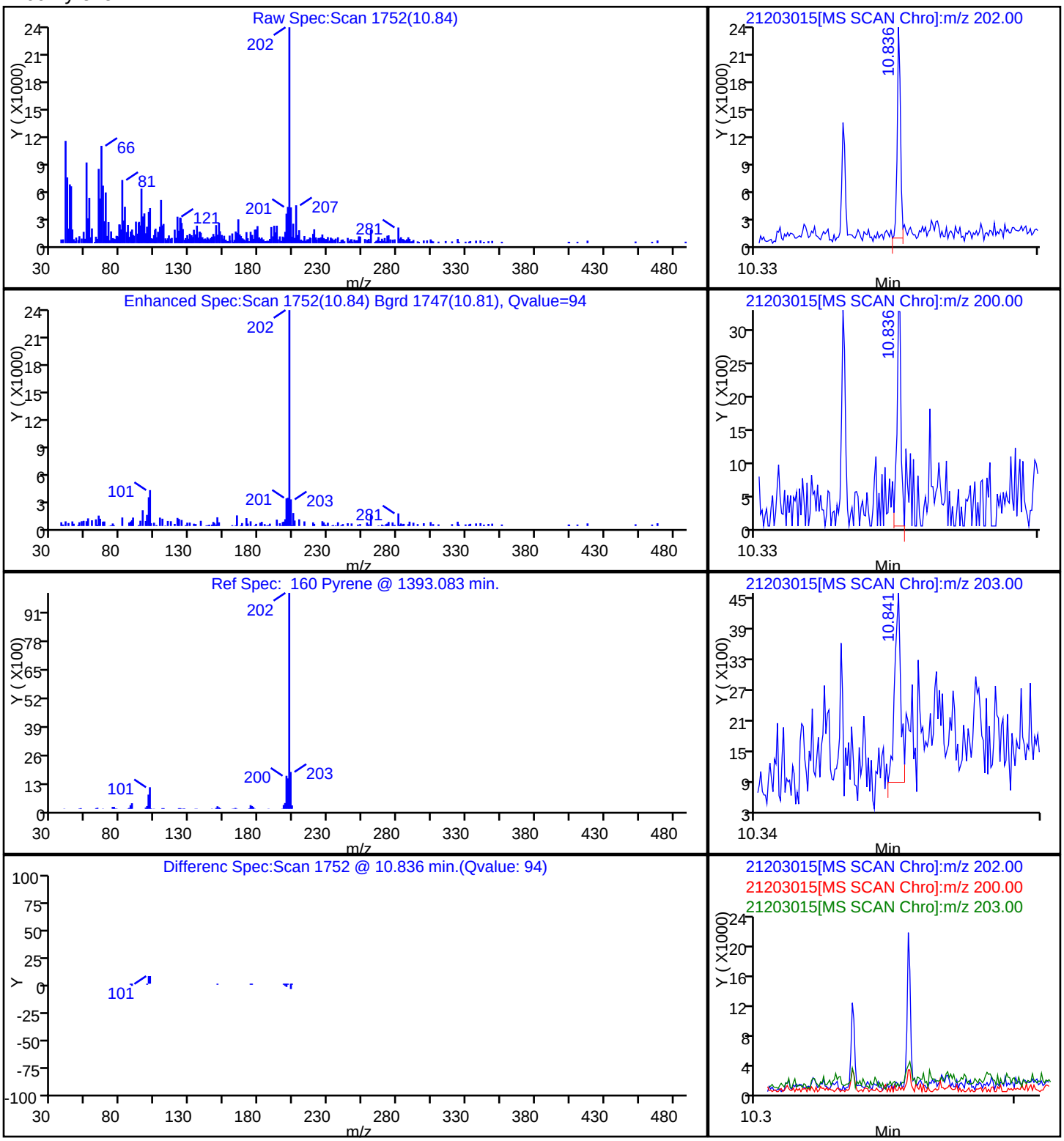
Report Date: 04-Dec-2012 11:17:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203015.D

Injection Date:	03-Dec-2012 16:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0011M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67052	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0012M-0001-SO | Lab Sample ID: 240-17768-2

Matrix: Solid | Lab File ID: 21205018.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.03(g) | Date Analyzed: 12/05/2012 15:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	860	D	130	66	66
208-96-8	Acenaphthylene	66	U	130	66	66
120-12-7	Anthracene	66	U	130	66	66
56-55-3	Benzo[a]anthracene	360	D M	130	66	66
50-32-8	Benzo[a]pyrene	320	D	130	66	66
205-99-2	Benzo[b]fluoranthene	66	U	130	66	66
191-24-2	Benzo[g,h,i]perylene	140	D	130	66	66
65-85-0	Benzoic acid	6700	U	13000	6700	6700
207-08-9	Benzo[k]fluoranthene	66	U	130	66	66
100-51-6	Benzyl alcohol	540	U	6600	540	420
111-91-1	Bis(2-chloroethoxy)methane	540	U	2000	540	440
111-44-4	Bis(2-chloroethyl)ether	66	U	2000	66	40
108-60-1	bis (2-chloroisopropyl) ether	540	U	2000	540	190
117-81-7	Bis(2-ethylhexyl) phthalate	540	U	1000	540	380
101-55-3	4-Bromophenyl phenyl ether	540	U	1000	540	260
85-68-7	Butyl benzyl phthalate	540	U	1000	540	200
86-74-8	Carbazole	540	U	1000	540	540
106-47-8	4-Chloroaniline	540	U	3000	540	340
59-50-7	4-Chloro-3-methylphenol	540	U	3000	540	420
91-58-7	2-Chloronaphthalene	66	U	1000	66	66
95-57-8	2-Chlorophenol	540	U	1000	540	540
7005-72-3	4-Chlorophenyl phenyl ether	540	U	1000	540	260
218-01-9	Chrysene	310	D	130	66	22
53-70-3	Dibenz(a,h)anthracene	66	U	130	66	66
132-64-9	Dibenzofuran	470	J D	1000	66	66
95-50-1	1,2-Dichlorobenzene	540	U	1000	540	190
541-73-1	1,3-Dichlorobenzene	540	U	1000	540	220
106-46-7	1,4-Dichlorobenzene	540	U	1000	540	400
91-94-1	3,3'-Dichlorobenzidine	1600	U	2000	1600	360
120-83-2	2,4-Dichlorophenol	540	U	3000	540	400
84-66-2	Diethyl phthalate	540	U	1000	540	320
105-67-9	2,4-Dimethylphenol	1600	U	3000	1600	400
131-11-3	Dimethyl phthalate	540	U	1000	540	340
84-74-2	Di-n-butyl phthalate	540	U	1000	540	300

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0012M-0001-SO | Lab Sample ID: 240-17768-2

Matrix: Solid | Lab File ID: 21205018.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.03(g) | Date Analyzed: 12/05/2012 15:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	1600	U	3000	1600	1600
51-28-5	2,4-Dinitrophenol	1600	U	6600	1600	1600
121-14-2	2,4-Dinitrotoluene	540	U	4000	540	540
606-20-2	2,6-Dinitrotoluene	540	U	4000	540	420
117-84-0	Di-n-octyl phthalate	540	U	1000	540	540
206-44-0	Fluoranthene	380	D	130	66	66
86-73-7	Fluorene	1400	D	130	66	66
118-74-1	Hexachlorobenzene	66	U	130	66	42
87-68-3	Hexachlorobutadiene	540	U	1000	540	540
77-47-4	Hexachlorocyclopentadiene	540	U	6600	540	540
67-72-1	Hexachloroethane	540	U	1000	540	180
193-39-5	Indeno[1,2,3-cd]pyrene	66	U	130	66	66
78-59-1	Isophorone	540	U	1000	540	260
91-57-6	2-Methylnaphthalene	3000	D	130	66	66
95-48-7	2-Methylphenol	1600	U	4000	1600	1600
15831-10-4	3 & 4 Methylphenol	1600	U	8000	1600	400
91-20-3	Naphthalene	180	D	130	66	66
88-74-4	2-Nitroaniline	540	U	4000	540	180
99-09-2	3-Nitroaniline	1600	U	4000	1600	320
100-01-6	4-Nitroaniline	540	U	4000	540	520
98-95-3	Nitrobenzene	66	U	2000	66	44
88-75-5	2-Nitrophenol	540	U	1000	540	540
100-02-7	4-Nitrophenol	1600	U	6600	1600	1600
621-64-7	N-Nitrosodi-n-propylamine	540	U	1000	540	540
86-30-6	N-Nitrosodiphenylamine	540	U	1000	540	420
87-86-5	Pentachlorophenol	1600	U	3000	1600	1600
85-01-8	Phenanthrene	2400	D	130	66	66
108-95-2	Phenol	540	U	1000	540	540
129-00-0	Pyrene	2200	D	130	66	66
120-82-1	1,2,4-Trichlorobenzene	540	U	1000	540	540
95-95-4	2,4,5-Trichlorophenol	540	U	3000	540	500
88-06-2	2,4,6-Trichlorophenol	1600	U	3000	1600	1600

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0012M-0001-SO | Lab Sample ID: 240-17768-2

Matrix: Solid | Lab File ID: 21205018.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.03(g) | Date Analyzed: 12/05/2012 15:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	82		45-105
367-12-4	2-Fluorophenol (Surr)	80		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	80		35-100
4165-62-2	Phenol-d5 (Surr)	87		40-100
1718-51-0	Terphenyl-d14 (Surr)	82		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	82		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205018.D		
Lims ID:	240-17768-H-2-B	Client ID:	70SB-0012M-0001-SO
Inject. Date:	05-Dec-2012 15:44:30	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	240-0015541-018		
Misc. Info.:	240-17768-h-2-b		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	67390	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m		
Last Update:	06-Dec-2012 08:49:41	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:	XAWRK028		

First Level Reviewer: gruberj Date: 06-Dec-2012 08:45:33

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.735	5.730	0.005	96	199761	4.00	
* 2 Naphthalene-d8	136	6.859	6.859	-0.001	99	761956	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	91	435844	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	97	760884	4.00	
* 5 Chrysene-d12	240	12.057	12.057	0.0	97	776046	4.00	
* 6 Perylene-d12	264	14.036	14.036	0.0	97	708019	4.00	
$ 7 2-Fluorophenol	112	4.489	4.430	0.059	91	36980	0.5989	
$ 8 Phenol-d5	99	5.388	5.382	0.006	88	51137	0.6523	
$ 9 Nitrobenzene-d5	82	6.227	6.227	0.0	84	26812	0.4002	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	91	57964	0.4099	
$ 11 2,4,6-Tribromophenol	330	9.014	9.014	0.0	52	11085	0.6148	
$ 12 Terphenyl-d14	244	10.934	10.934	0.0	76	58989	0.4104	
41 Phenol	94		5.393					9
44 Bis(2-chloroethyl)ether	93		5.484					9
46 2-Chlorophenol	128		5.532					9
47 1,3-Dichlorobenzene	146		5.677					9
48 1,4-Dichlorobenzene	146		5.746					9
49 Benzyl alcohol	108		5.853					9
50 1,2-Dichlorobenzene	146		5.885					
51 2-Methylphenol	108		5.944					9
52 2,2'-oxybis[1-chloropropane]	45		5.976					
191 3 & 4 Methylphenol	108		6.078					
56 N-Nitrosodi-n-propylamine	70		6.088					9
60 Hexachloroethane	117		6.190					9
61 Nitrobenzene	77		6.243					9
63 Isophorone	82		6.452					
65 2-Nitrophenol	139		6.522					
64 2,4-Dimethylphenol	107		6.548					9
69 Benzoic acid	122		6.618					9
68 Bis(2-chloroethoxy)methane	93		6.634					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.730					9
72 1,2,4-Trichlorobenzene	180		6.805					
73 Naphthalene	128	6.875	6.875	0.0	65	26060	0.1369	
74 4-Chloroaniline	127		6.912					9
77 Hexachlorobutadiene	225		6.976					
84 4-Chloro-3-methylphenol	107		7.313					
85 2-Methylnaphthalene	142	7.463	7.468	-0.005	88	274669	2.26	
88 Hexachlorocyclopentadiene	237		7.597					
90 2,4,6-Trichlorophenol	196		7.698					9
91 2,4,5-Trichlorophenol	196		7.730					
98 2-Chloronaphthalene	162		7.880					
100 2-Nitroaniline	65		7.955					
103 Dimethyl phthalate	163		8.099					9
105 2,6-Dinitrotoluene	165		8.158					
107 Acenaphthylene	152		8.233					9
108 3-Nitroaniline	138		8.303					
110 Acenaphthene	153	8.378	8.378	0.0	85	77436	0.6477	
109 2,4-Dinitrophenol	184		8.388					
111 4-Nitrophenol	109		8.426					
112 2,4-Dinitrotoluene	165		8.495					9
114 Dibenzofuran	168	8.522	8.522	0.0	72	62750	0.3536	
119 Diethyl phthalate	149		8.688					
121 4-Chlorophenyl phenyl ether	204		8.800					
124 Fluorene	166	8.811	8.811	0.0	92	154293	1.08	
123 4-Nitroaniline	138		8.816					
126 4,6-Dinitro-2-methylphenol	198		8.838					
130 N-Nitrosodiphenylamine	169		8.896					
137 4-Bromophenyl phenyl ether	248		9.212					9
139 Hexachlorobenzene	284		9.271					
141 Pentachlorophenol	266		9.431					9
146 Phenanthrene	178	9.624	9.624	0.0	95	374392	1.80	
147 Anthracene	178		9.667					
149 Carbazole	167		9.795					
151 Di-n-butyl phthalate	149		10.057					
157 Fluoranthene	202	10.624	10.624	0.0	93	65991	0.2875	
160 Pyrene	202	10.822	10.822	0.0	97	402128	1.62	
166 Butyl benzyl phthalate	149		11.389					
173 3,3'-Dichlorobenzidine	252		11.999					
171 Bis(2-ethylhexyl) phthalate	149		12.020					
175 Benzo[a]anthracene	228	12.041	12.041	0.0	55	58408	0.2697	M
176 Chrysene	228	12.084	12.090	-0.006	55	47842	0.2318	
178 Di-n-octyl phthalate	149		12.881					
180 Benzo[b]fluoranthene	252		13.475					
181 Benzo[k]fluoranthene	252		13.518					
182 Benzo[a]pyrene	252	13.951	13.951	0.0	55	28560	0.2379	
186 Indeno[1,2,3-cd]pyrene	276		15.630					9
187 Dibenz(a,h)anthracene	278		15.657					
188 Benzo[g,h,i]perylene	276	16.031	16.031	0.0	68	21609	0.1066	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

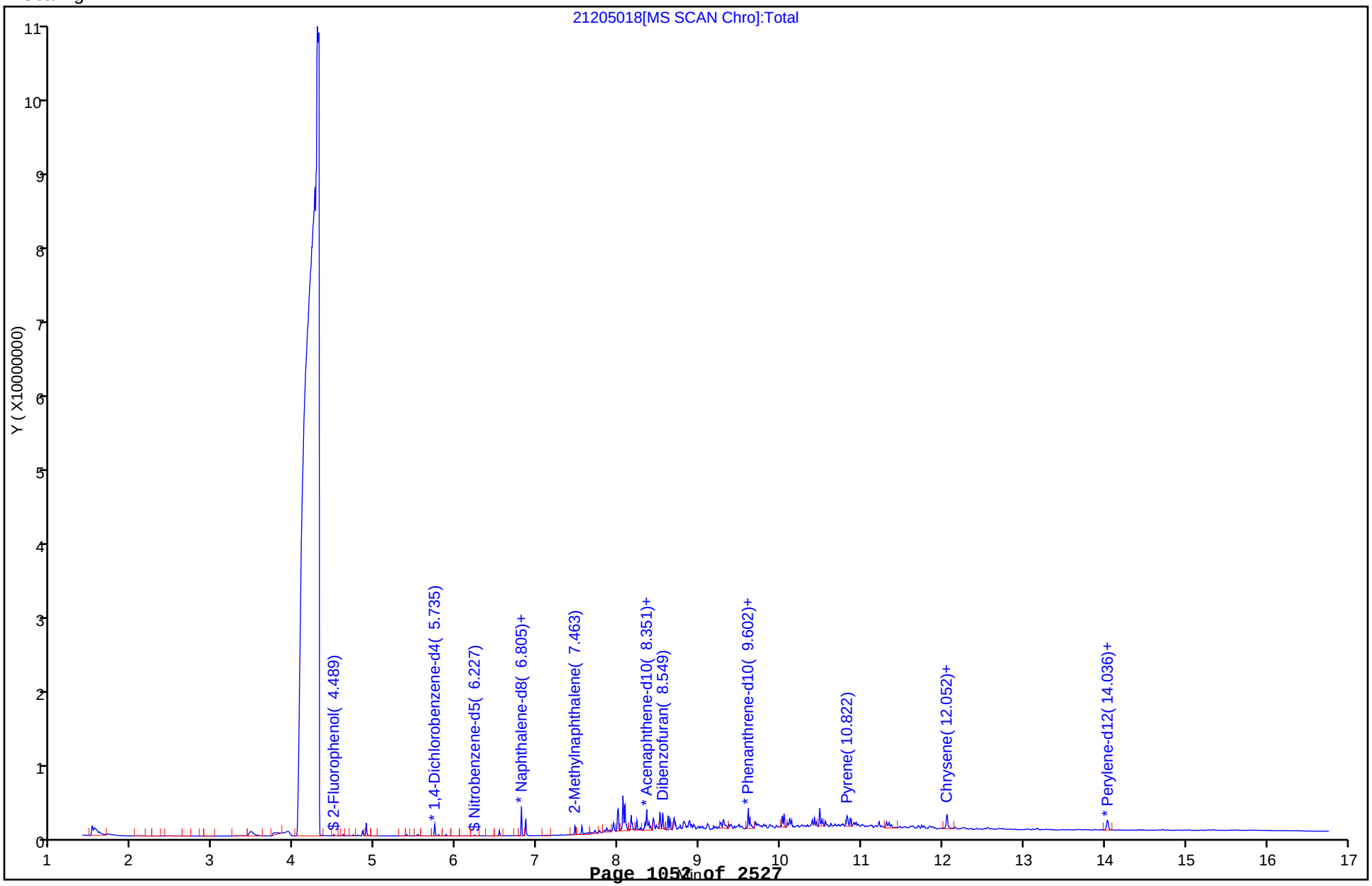
Review Flags
M - Manually Integrated

Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205018.D		
Injection Date:	05-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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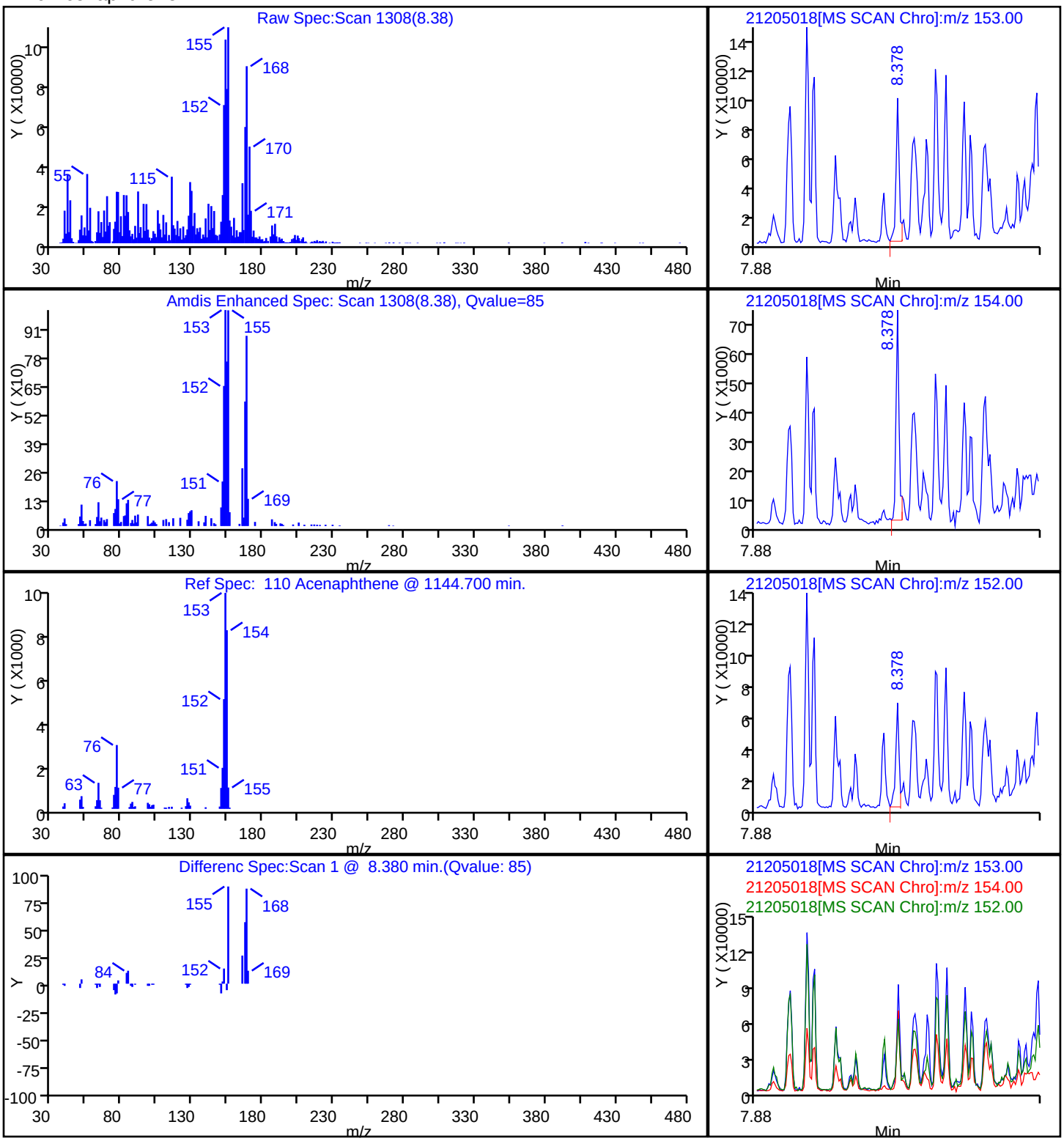
Injection Date:	05-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

110 Acenaphthene



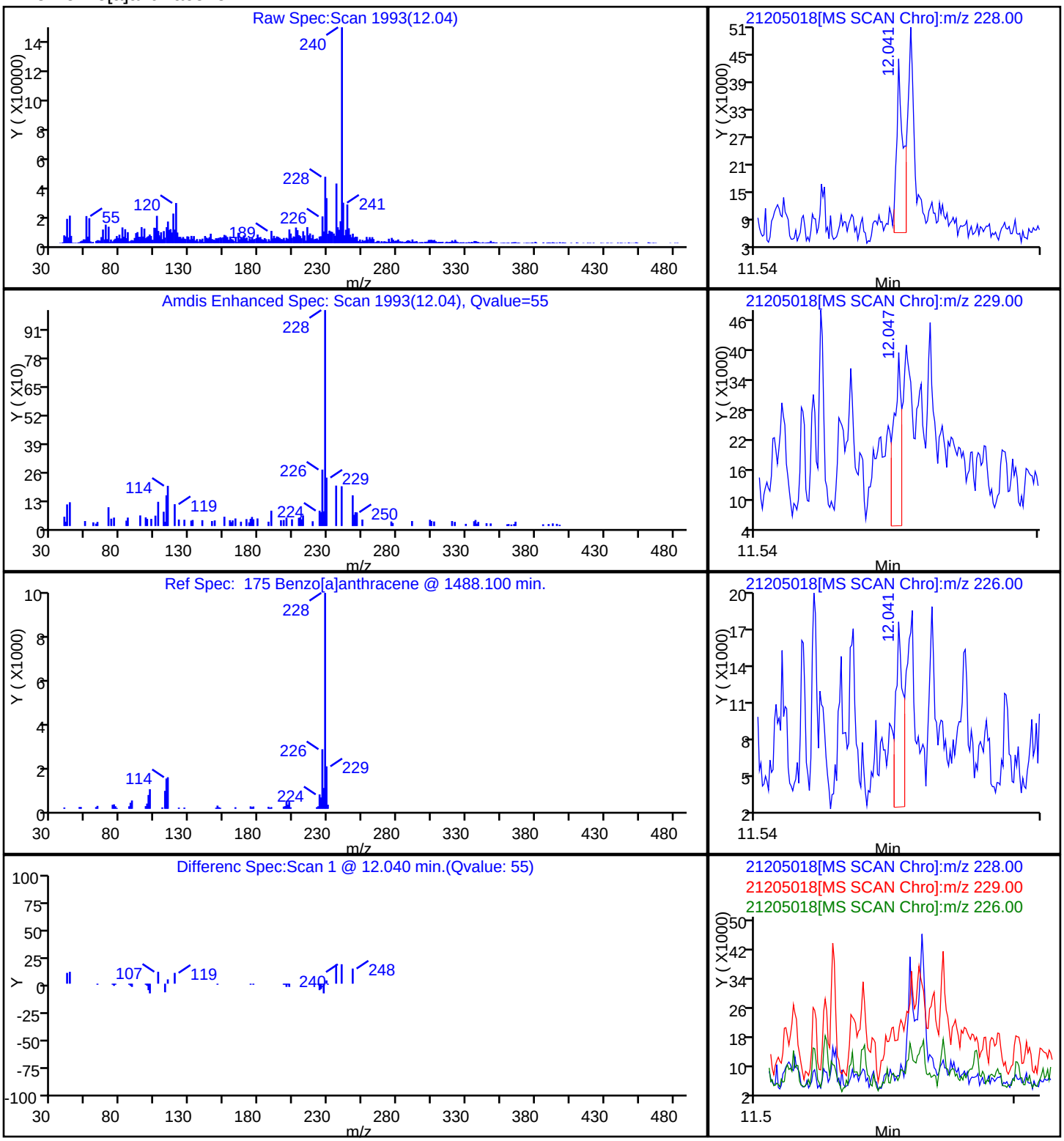
Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205018.D

Injection Date:	05-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



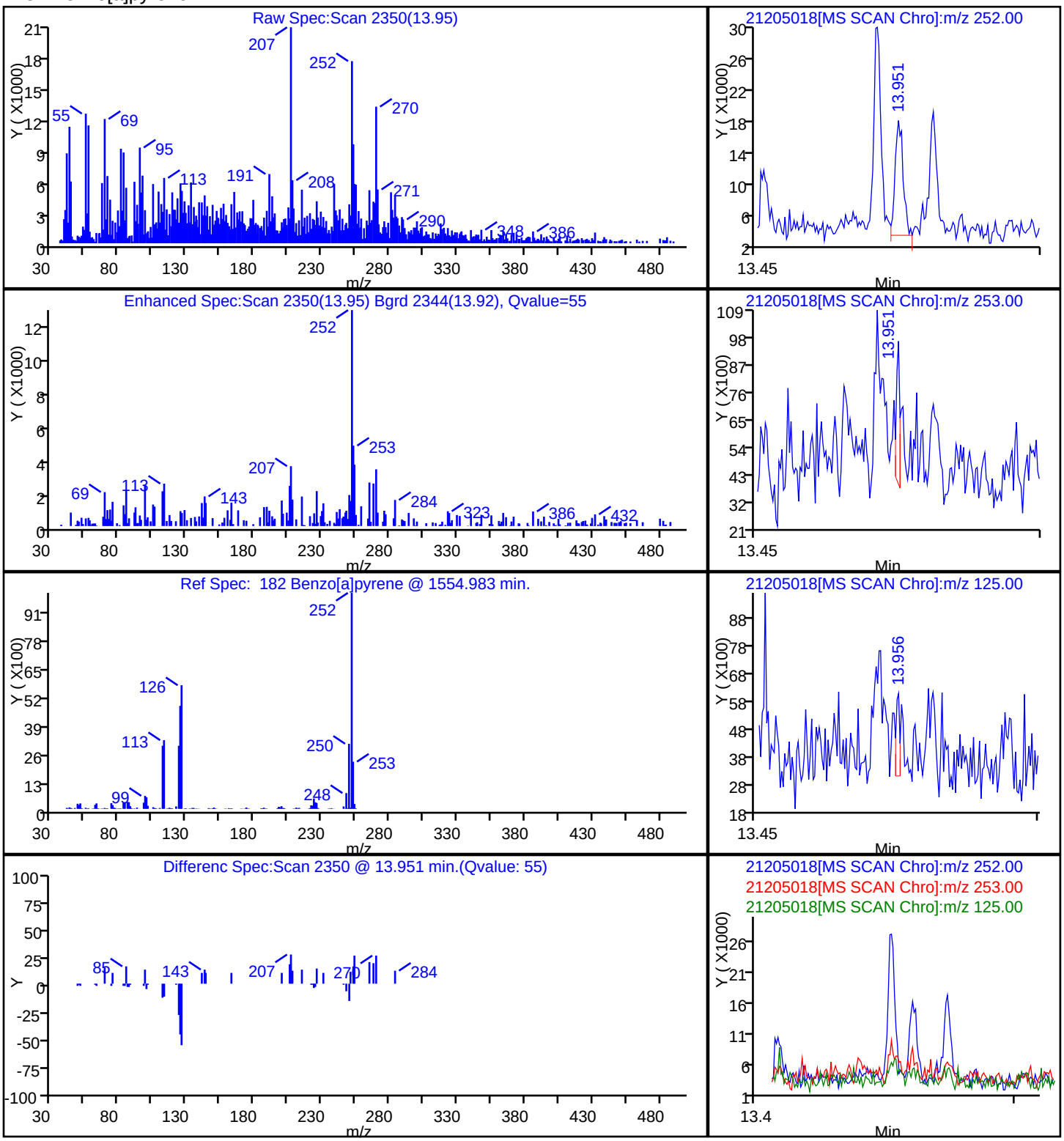
Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205018.D

Injection Date:	05-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



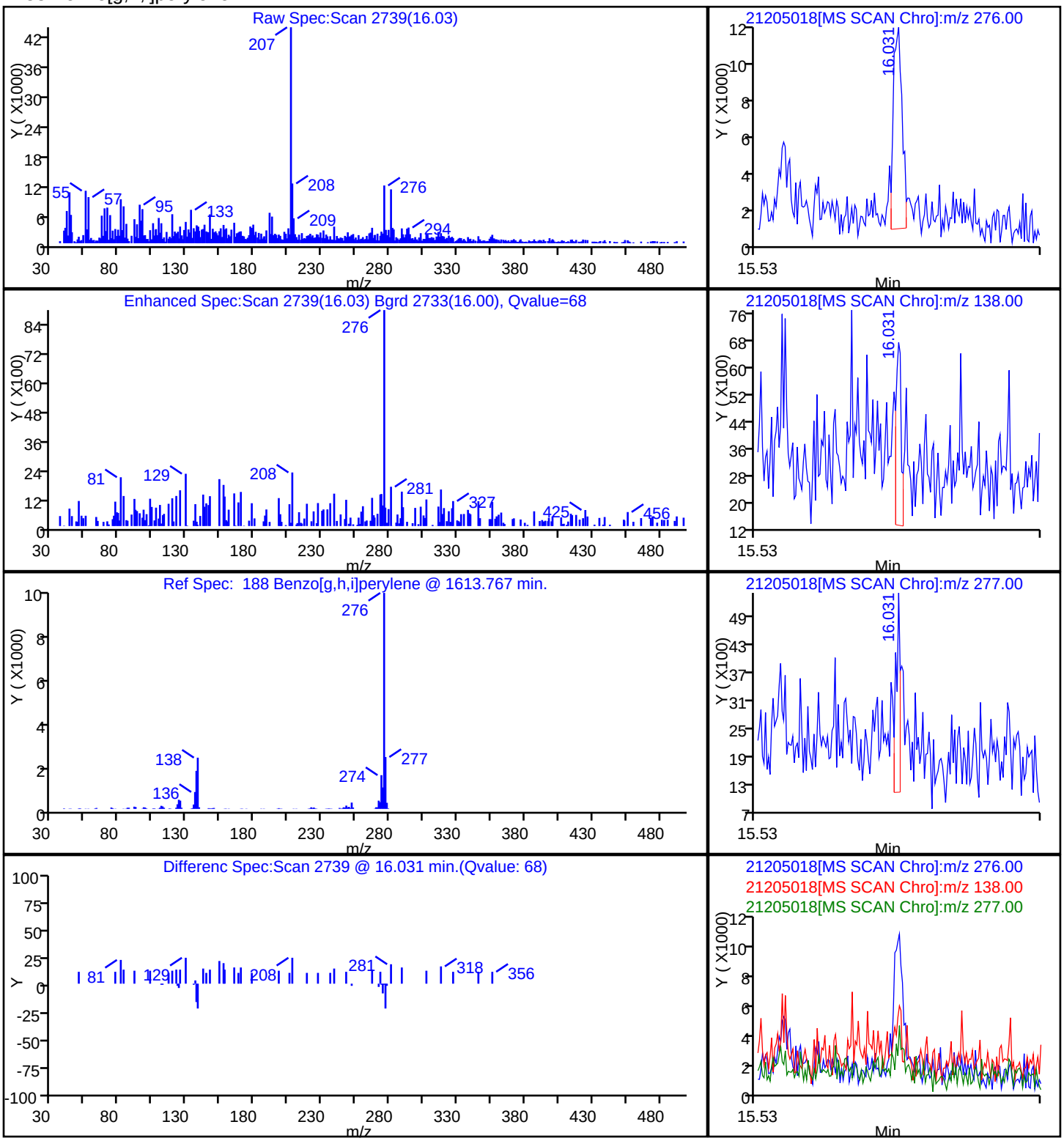
Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205018.D

Injection Date:	05-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



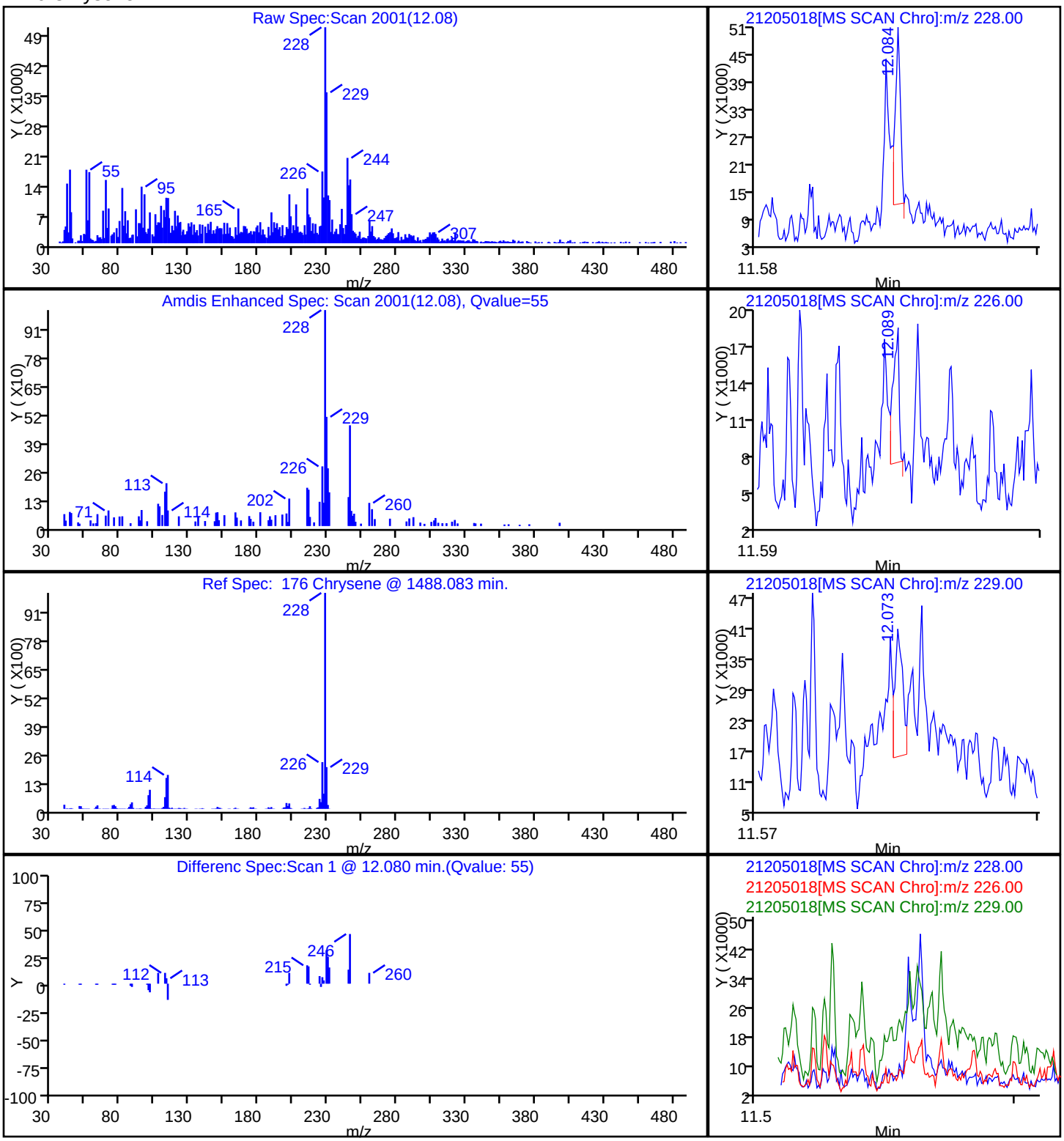
Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205018.D

Injection Date:	05-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



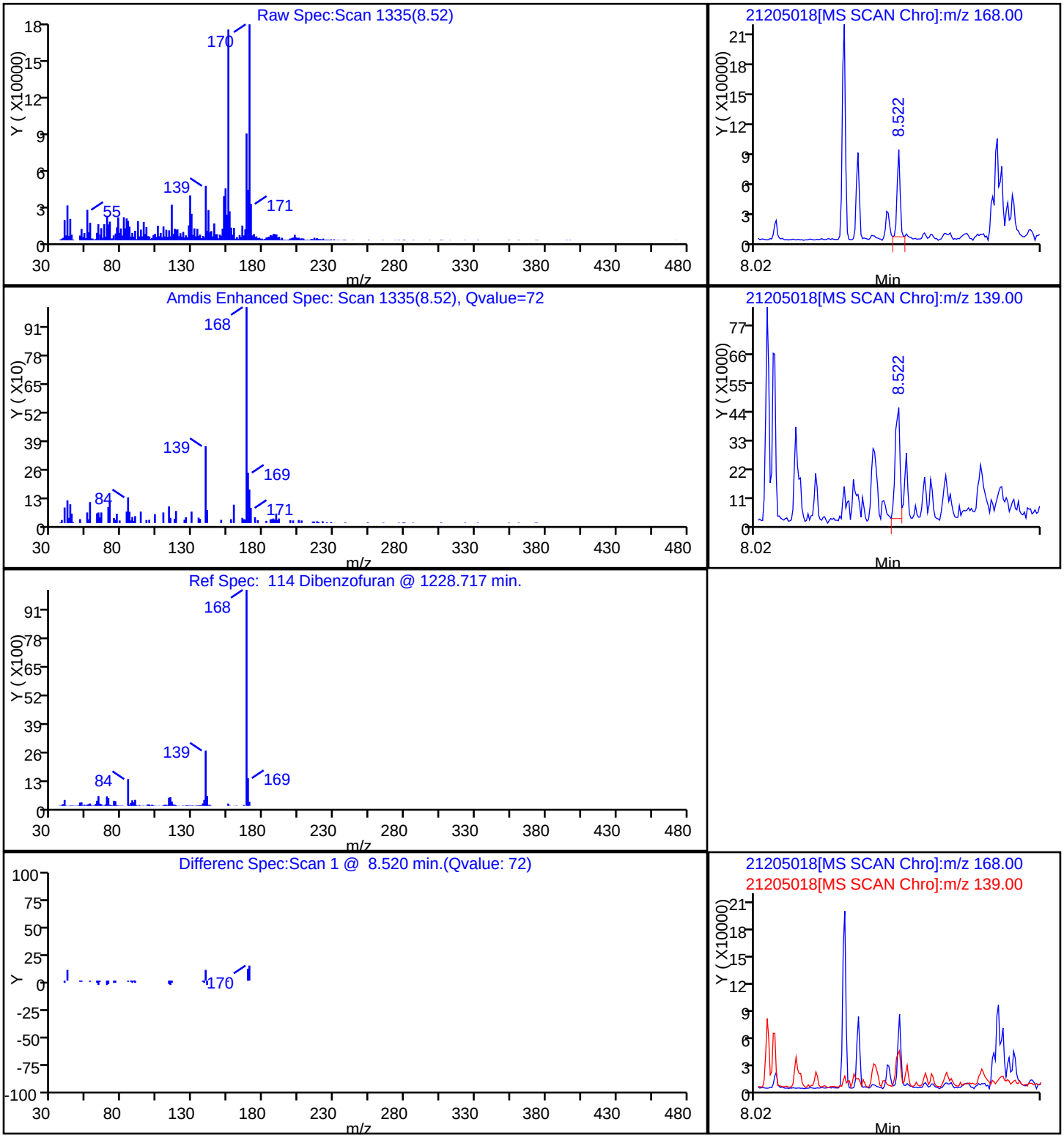
Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205018.D

Injection Date:	05-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



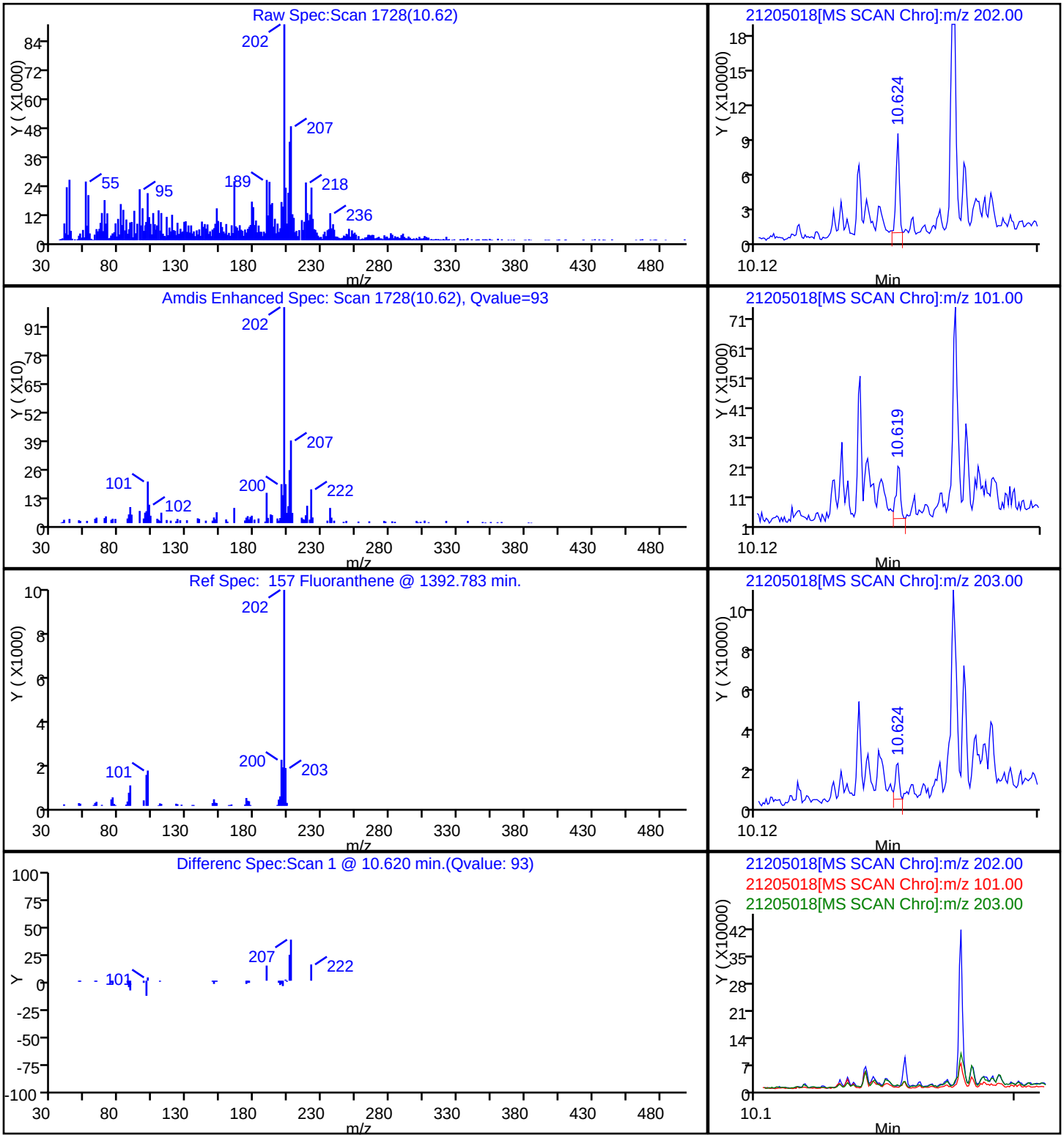
Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205018.D

Injection Date:	05-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



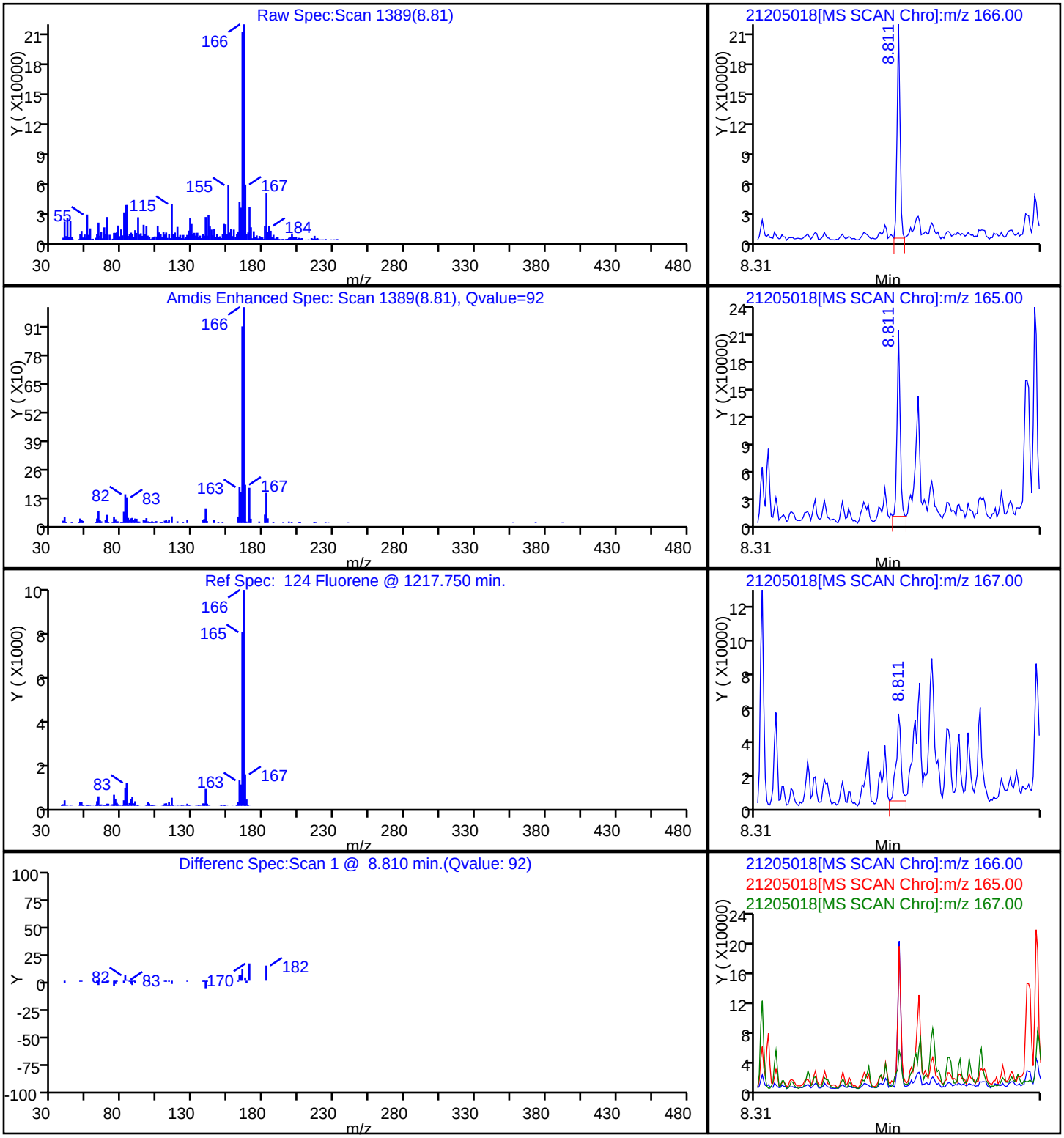
Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205018.D

Injection Date:	05-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene



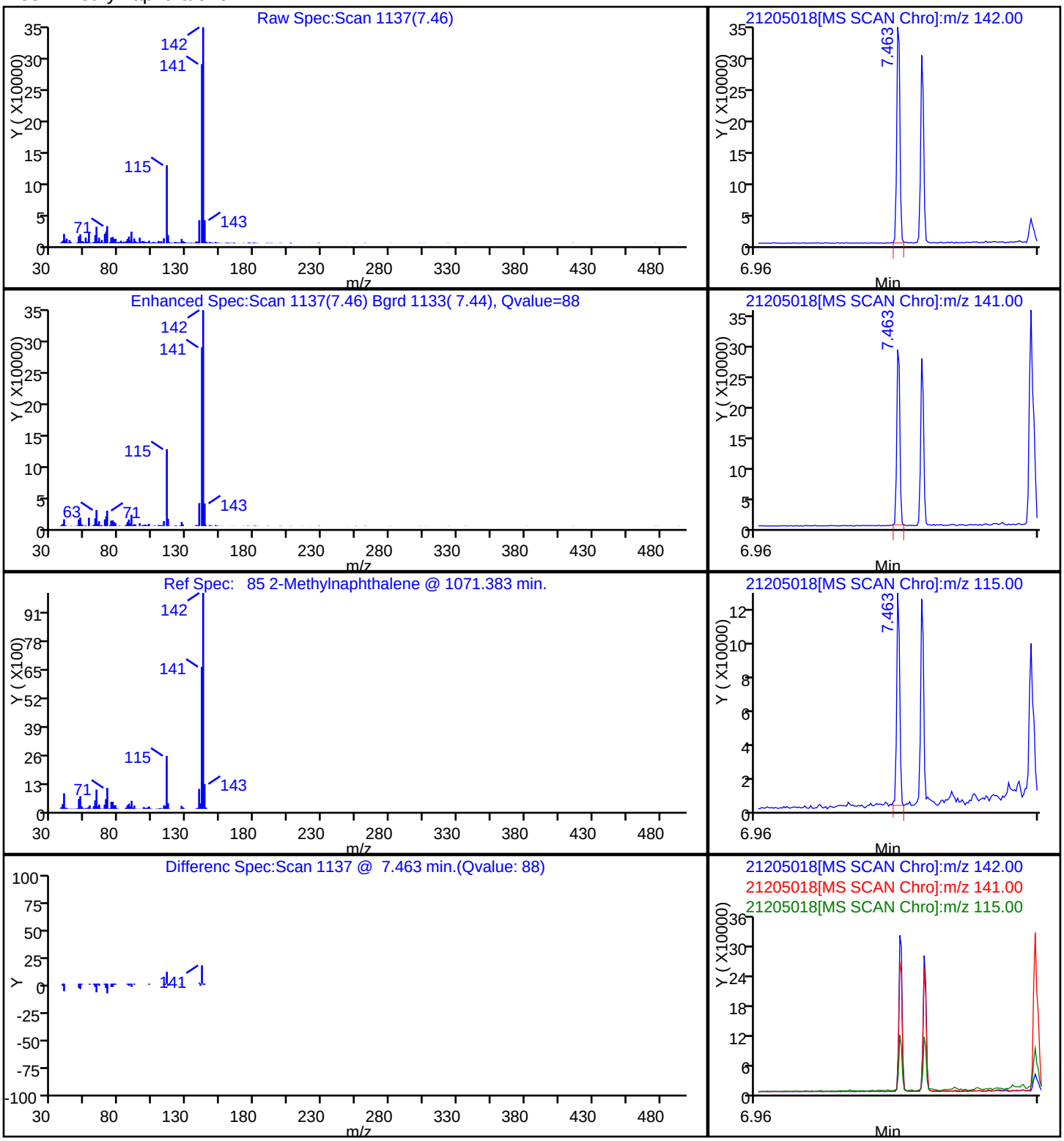
Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205018.D

Injection Date:	05-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



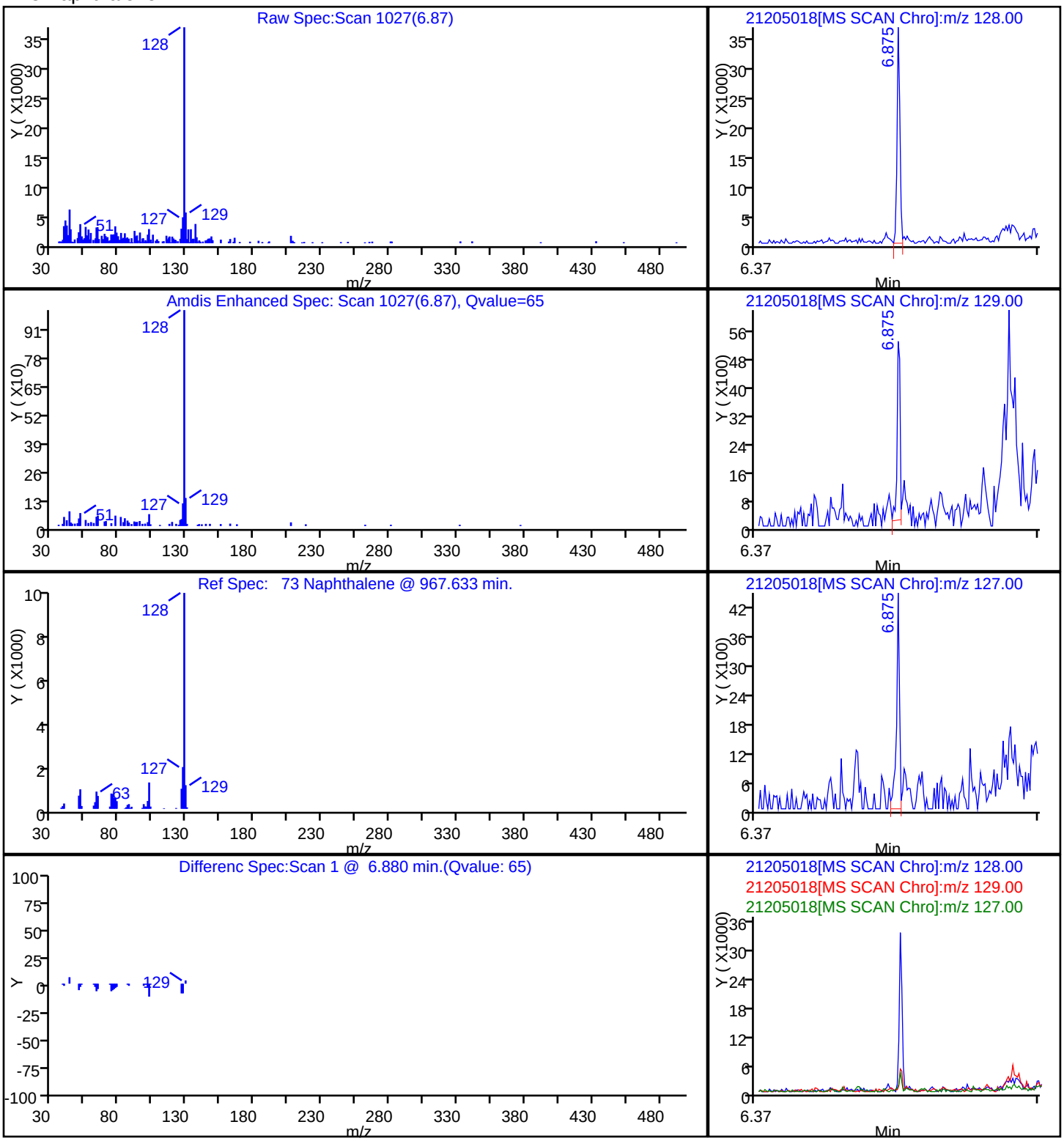
Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205018.D

Injection Date:	05-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



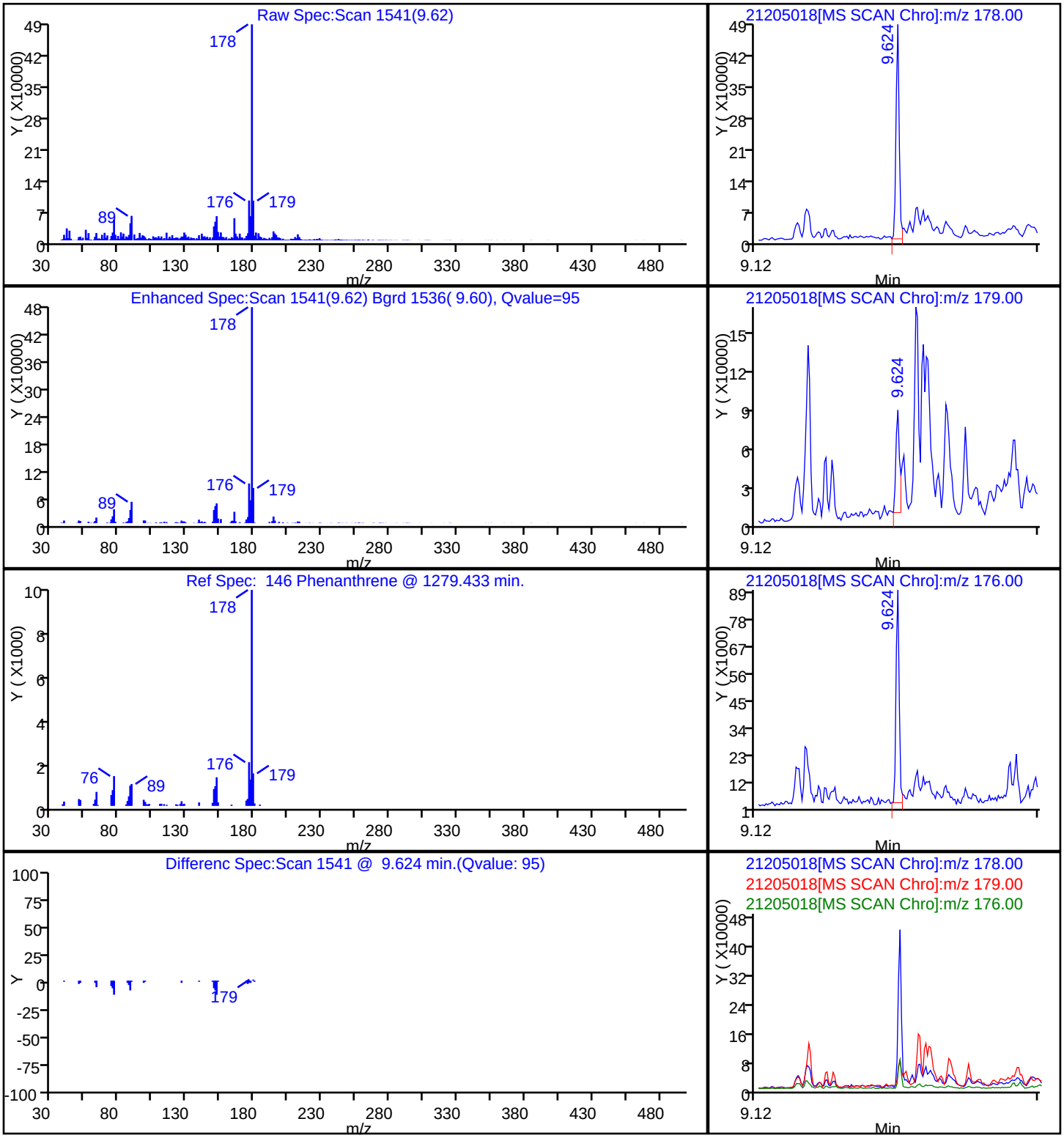
Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205018.D

Injection Date:	05-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



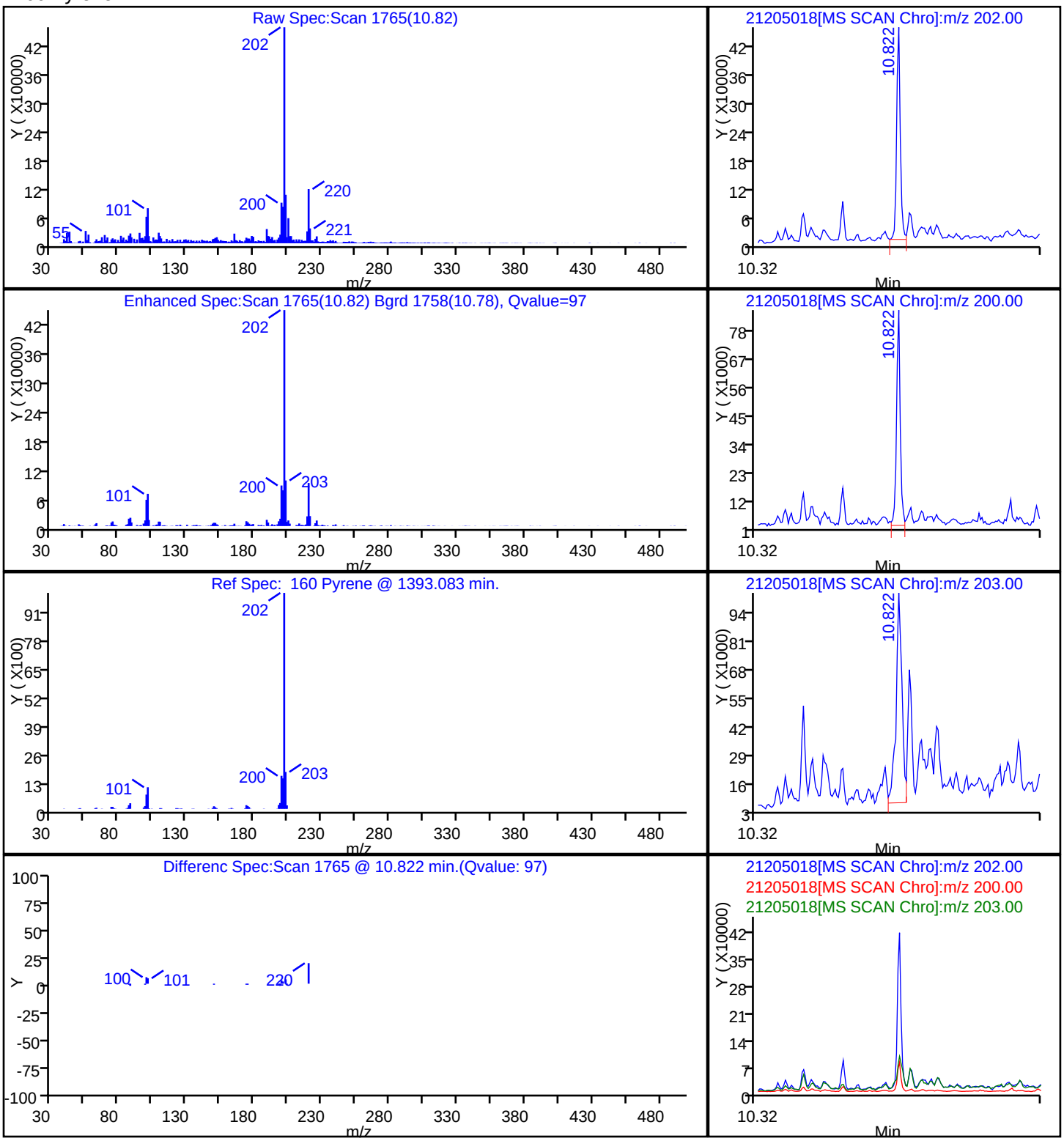
Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205018.D

Injection Date:	05-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

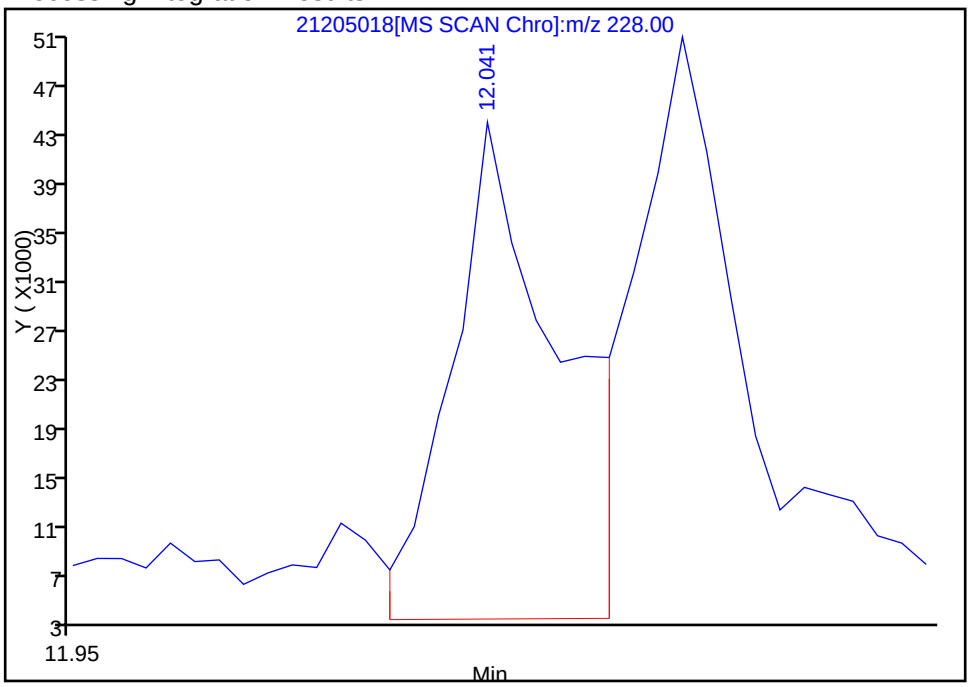
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205018.D		
Injection Date:	05-Dec-2012 15:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene, Signal: 1, m/z: 228.0 Type: quant, RT: 12.04

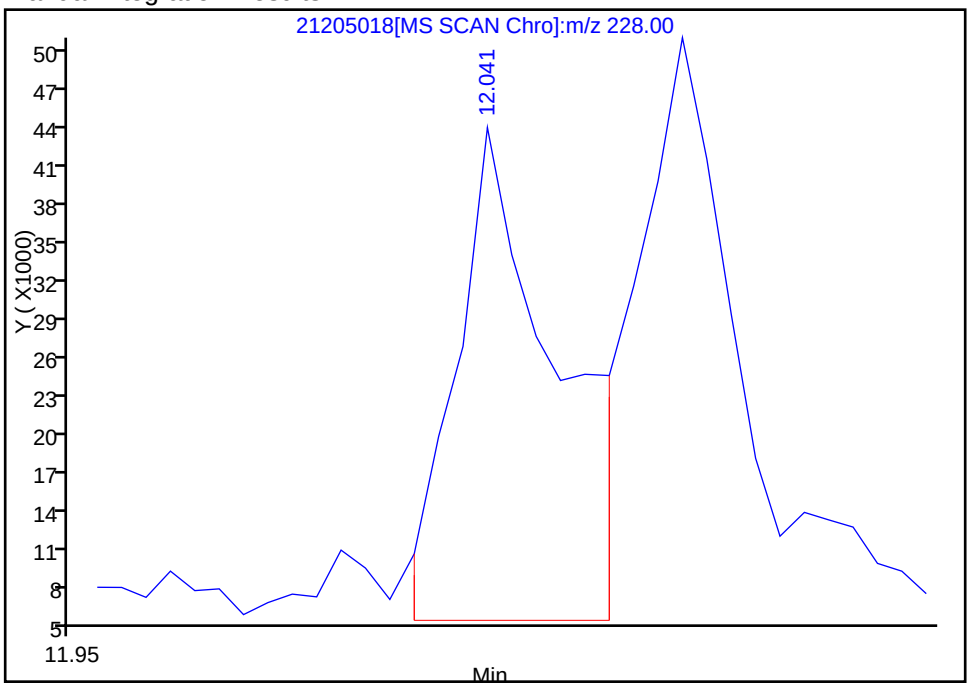
Processing Integration Results

RT: 12.04
Response: 66419
Amount: 0.306684



Manual Integration Results

RT: 12.04
Response: 58408
Amount: 0.269694



Reviewer: gruberj, 06-Dec-2012 08:45:33
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0013M-0001-SO | Lab Sample ID: 240-17768-3

Matrix: Solid | Lab File ID: 21205019.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 29.60(g) | Date Analyzed: 12/05/2012 16:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	17	U	34	17	17
208-96-8	Acenaphthylene	17	U	34	17	17
120-12-7	Anthracene	17	U	34	17	17
56-55-3	Benzo[a]anthracene	17	U	34	17	17
50-32-8	Benzo[a]pyrene	62	D	34	17	17
205-99-2	Benzo[b]fluoranthene	17	U	34	17	17
191-24-2	Benzo[g,h,i]perylene	45	D	34	17	17
65-85-0	Benzoic acid	1700	U	3300	1700	1700
207-08-9	Benzo[k]fluoranthene	17	U	34	17	17
100-51-6	Benzyl alcohol	140	U	1700	140	110
111-91-1	Bis(2-chloroethoxy)methane	140	U	510	140	110
111-44-4	Bis(2-chloroethyl)ether	17	U	510	17	10
108-60-1	bis (2-chloroisopropyl) ether	140	U	510	140	48
117-81-7	Bis(2-ethylhexyl) phthalate	140	U	250	140	96
101-55-3	4-Bromophenyl phenyl ether	140	U	250	140	66
85-68-7	Butyl benzyl phthalate	140	U	250	140	51
86-74-8	Carbazole	140	U	250	140	140
106-47-8	4-Chloroaniline	140	U	760	140	86
59-50-7	4-Chloro-3-methylphenol	140	U	760	140	110
91-58-7	2-Chloronaphthalene	17	U	250	17	17
95-57-8	2-Chlorophenol	140	U	250	140	140
7005-72-3	4-Chlorophenyl phenyl ether	140	U	250	140	66
218-01-9	Chrysene	17	U	34	17	5.6
53-70-3	Dibenz(a,h)anthracene	17	U	34	17	17
132-64-9	Dibenzofuran	17	U	250	17	17
95-50-1	1,2-Dichlorobenzene	140	U	250	140	49
541-73-1	1,3-Dichlorobenzene	140	U	250	140	56
106-46-7	1,4-Dichlorobenzene	140	U	250	140	100
91-94-1	3,3'-Dichlorobenzidine	410	U	510	410	91
120-83-2	2,4-Dichlorophenol	140	U	760	140	100
84-66-2	Diethyl phthalate	140	U	250	140	81
105-67-9	2,4-Dimethylphenol	410	U	760	410	100
131-11-3	Dimethyl phthalate	140	U	250	140	86
84-74-2	Di-n-butyl phthalate	140	U	250	140	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0013M-0001-SO | Lab Sample ID: 240-17768-3

Matrix: Solid | Lab File ID: 21205019.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 29.60(g) | Date Analyzed: 12/05/2012 16:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	410	U	760	410	410
51-28-5	2,4-Dinitrophenol	410	U	1700	410	410
121-14-2	2,4-Dinitrotoluene	140	U	1000	140	140
606-20-2	2,6-Dinitrotoluene	140	U	1000	140	110
117-84-0	Di-n-octyl phthalate	140	U	250	140	140
206-44-0	Fluoranthene	18	J D	34	17	17
86-73-7	Fluorene	17	U	34	17	17
118-74-1	Hexachlorobenzene	17	U	34	17	11
87-68-3	Hexachlorobutadiene	140	U	250	140	140
77-47-4	Hexachlorocyclopentadiene	140	U	1700	140	140
67-72-1	Hexachloroethane	140	U	250	140	46
193-39-5	Indeno[1,2,3-cd]pyrene	17	U	34	17	17
78-59-1	Isophorone	140	U	250	140	66
91-57-6	2-Methylnaphthalene	17	U	34	17	17
95-48-7	2-Methylphenol	410	U	1000	410	410
15831-10-4	3 & 4 Methylphenol	410	U	2000	410	100
91-20-3	Naphthalene	17	U	34	17	17
88-74-4	2-Nitroaniline	140	U	1000	140	46
99-09-2	3-Nitroaniline	410	U	1000	410	81
100-01-6	4-Nitroaniline	140	U	1000	140	130
98-95-3	Nitrobenzene	17	U	510	17	11
88-75-5	2-Nitrophenol	140	U	250	140	140
100-02-7	4-Nitrophenol	410	U	1700	410	410
621-64-7	N-Nitrosodi-n-propylamine	140	U	250	140	140
86-30-6	N-Nitrosodiphenylamine	140	U	250	140	110
87-86-5	Pentachlorophenol	410	U	760	410	410
85-01-8	Phenanthrene	36	D	34	17	17
108-95-2	Phenol	140	U	250	140	140
129-00-0	Pyrene	28	J D	34	17	17
120-82-1	1,2,4-Trichlorobenzene	140	U	250	140	140
95-95-4	2,4,5-Trichlorophenol	140	U	760	140	130
88-06-2	2,4,6-Trichlorophenol	410	U	760	410	410

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0013M-0001-SO | Lab Sample ID: 240-17768-3

Matrix: Solid | Lab File ID: 21205019.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 11:00

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 29.60(g) | Date Analyzed: 12/05/2012 16:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	62		45-105
367-12-4	2-Fluorophenol (Surr)	63		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	59		35-100
4165-62-2	Phenol-d5 (Surr)	65		40-100
1718-51-0	Terphenyl-d14 (Surr)	67		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	60		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205019.D		
Lims ID:	240-17768-H-3-B	Client ID:	70SB-0013M-0001-SO
Inject. Date:	05-Dec-2012 16:08:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0015541-019		
Misc. Info.:	240-17768-h-3-b		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	67390	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m		
Last Update:	06-Dec-2012 08:49:41	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:	XAWRK028		

First Level Reviewer: gruberj Date: 06-Dec-2012 08:46:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.741	5.730	0.011	95	195994	4.00	
* 2 Naphthalene-d8	136	6.859	6.859	0.0	99	753548	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	93	430823	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	97	738469	4.00	
* 5 Chrysene-d12	240	12.052	12.057	-0.005	94	743460	4.00	
* 6 Perylene-d12	264	14.036	14.036	0.0	96	678676	4.00	
$ 7 2-Fluorophenol	112	4.537	4.430	0.107	89	115383	1.90	
$ 8 Phenol-d5	99	5.393	5.382	0.011	96	149467	1.94	
$ 9 Nitrobenzene-d5	82	6.233	6.227	0.006	87	78665	1.19	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	99	171959	1.23	
$ 11 2,4,6-Tribromophenol	330	9.014	9.014	0.0	78	31930	1.79	
$ 12 Terphenyl-d14	244	10.934	10.934	0.0	97	184283	1.34	
41 Phenol	94		5.393					9
44 Bis(2-chloroethyl)ether	93		5.484					9
46 2-Chlorophenol	128		5.532					
47 1,3-Dichlorobenzene	146		5.677					9
48 1,4-Dichlorobenzene	146		5.746					9
49 Benzyl alcohol	108		5.853					9
50 1,2-Dichlorobenzene	146		5.885					
51 2-Methylphenol	108		5.944					9
52 2,2'-oxybis[1-chloropropane]	45		5.976					9
191 3 & 4 Methylphenol	108		6.078					
56 N-Nitrosodi-n-propylamine	70		6.088					
60 Hexachloroethane	117		6.190					9
61 Nitrobenzene	77		6.243					
63 Isophorone	82		6.452					
65 2-Nitrophenol	139		6.522					9
64 2,4-Dimethylphenol	107		6.548					9
69 Benzoic acid	122		6.618					9
68 Bis(2-chloroethoxy)methane	93		6.634					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.730					
72 1,2,4-Trichlorobenzene	180		6.805					
73 Naphthalene	128		6.875					9
74 4-Chloroaniline	127		6.912					9
77 Hexachlorobutadiene	225		6.976					
84 4-Chloro-3-methylphenol	107		7.313					9
85 2-Methylnaphthalene	142		7.468					
88 Hexachlorocyclopentadiene	237		7.597					
90 2,4,6-Trichlorophenol	196		7.698					
91 2,4,5-Trichlorophenol	196		7.730					
98 2-Chloronaphthalene	162		7.880					9
100 2-Nitroaniline	65		7.955					9
103 Dimethyl phthalate	163		8.099					9
105 2,6-Dinitrotoluene	165		8.158					
107 Acenaphthylene	152		8.233					
108 3-Nitroaniline	138		8.303					9
110 Acenaphthene	153		8.378					9
109 2,4-Dinitrophenol	184		8.388					
111 4-Nitrophenol	109		8.426					9
112 2,4-Dinitrotoluene	165		8.495					9
114 Dibenzofuran	168		8.522					
119 Diethyl phthalate	149		8.688					
121 4-Chlorophenyl phenyl ether	204		8.800					
124 Fluorene	166		8.811					
123 4-Nitroaniline	138		8.816					9
126 4,6-Dinitro-2-methylphenol	198		8.838					
130 N-Nitrosodiphenylamine	169		8.896					
137 4-Bromophenyl phenyl ether	248		9.212					9
139 Hexachlorobenzene	284		9.271					
141 Pentachlorophenol	266		9.431					
146 Phenanthrene	178	9.624	9.624	0.0	80	21246	0.1053	
147 Anthracene	178		9.667					
149 Carbazole	167		9.795					
151 Di-n-butyl phthalate	149		10.057					
157 Fluoranthene	202	10.624	10.624	0.0	77	11964	0.0537	
160 Pyrene	202	10.822	10.822	0.0	87	19869	0.0838	
166 Butyl benzyl phthalate	149		11.389					
173 3,3'-Dichlorobenzidine	252		11.999					
171 Bis(2-ethylhexyl) phthalate	149		12.020					
175 Benzo[a]anthracene	228		12.041					
176 Chrysene	228		12.090					
178 Di-n-octyl phthalate	149		12.881					9
180 Benzo[b]fluoranthene	252		13.475					
181 Benzo[k]fluoranthene	252		13.518					2
182 Benzo[a]pyrene	252	13.946	13.951	-0.005	54	15369	0.1830	
186 Indeno[1,2,3-cd]pyrene	276		15.630					
187 Dibenz(a,h)anthracene	278		15.657					
188 Benzo[g,h,i]perylene	276	16.026	16.031	-0.005	72	25926	0.1334	

QC Flag Legend

Processing Flags
2 - Failed Coelution Test
9 - Failed A Reference Spectral Test

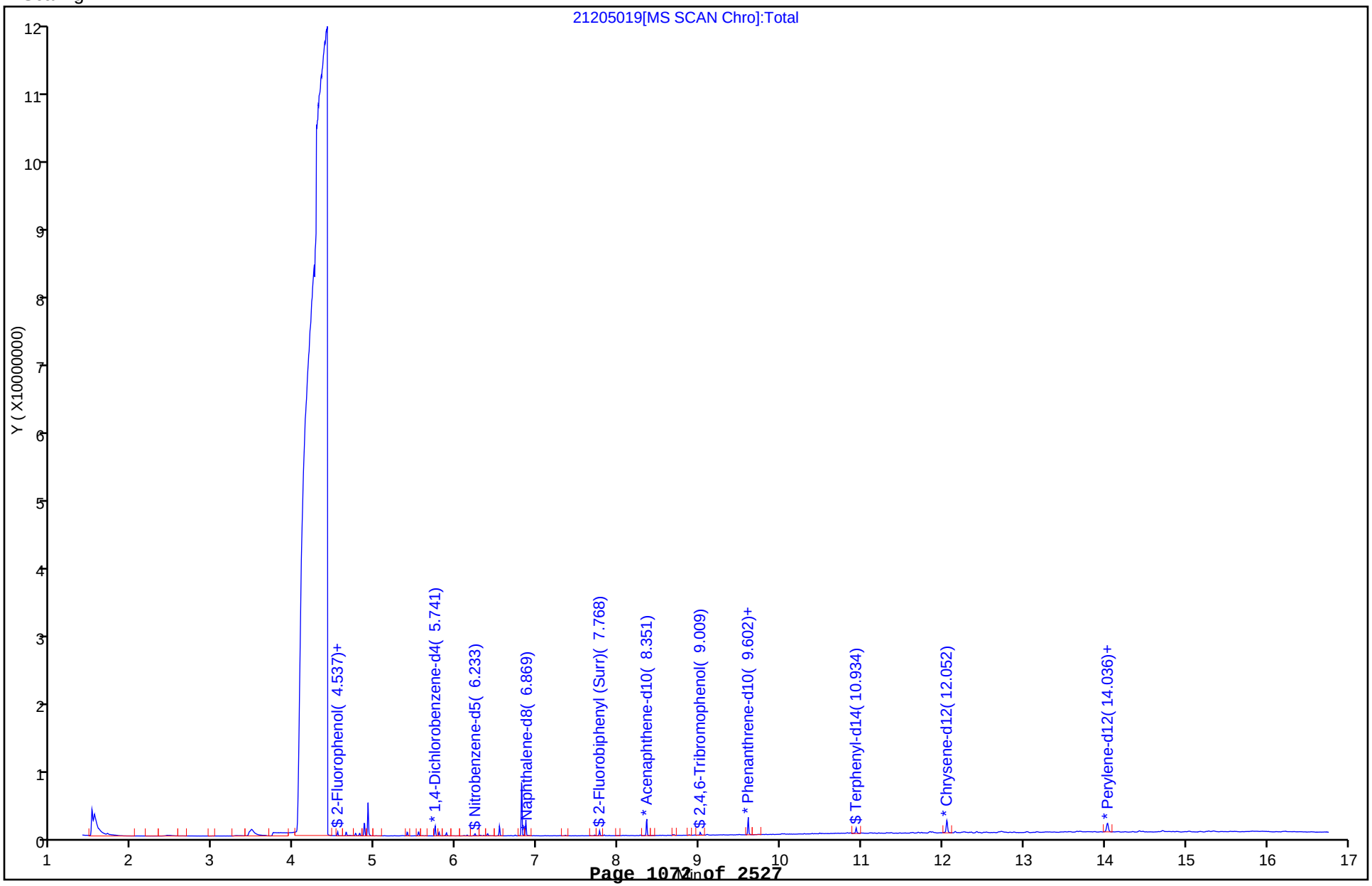
Report Date: 06-Dec-2012 08:49:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205019.D

Injection Date:	05-Dec-2012 16:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0013M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

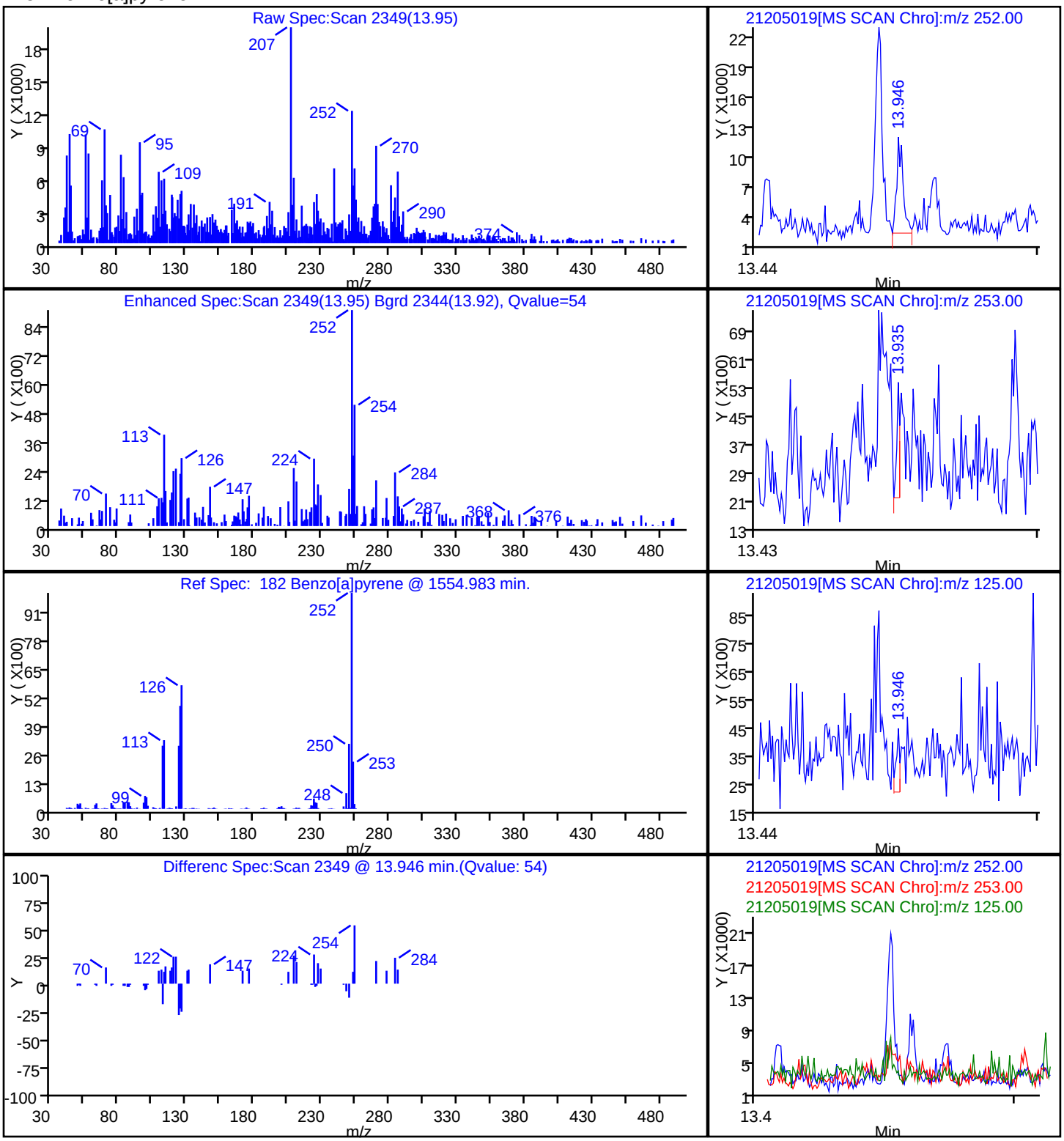


Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205019.D		
Injection Date:	05-Dec-2012 16:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0013M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



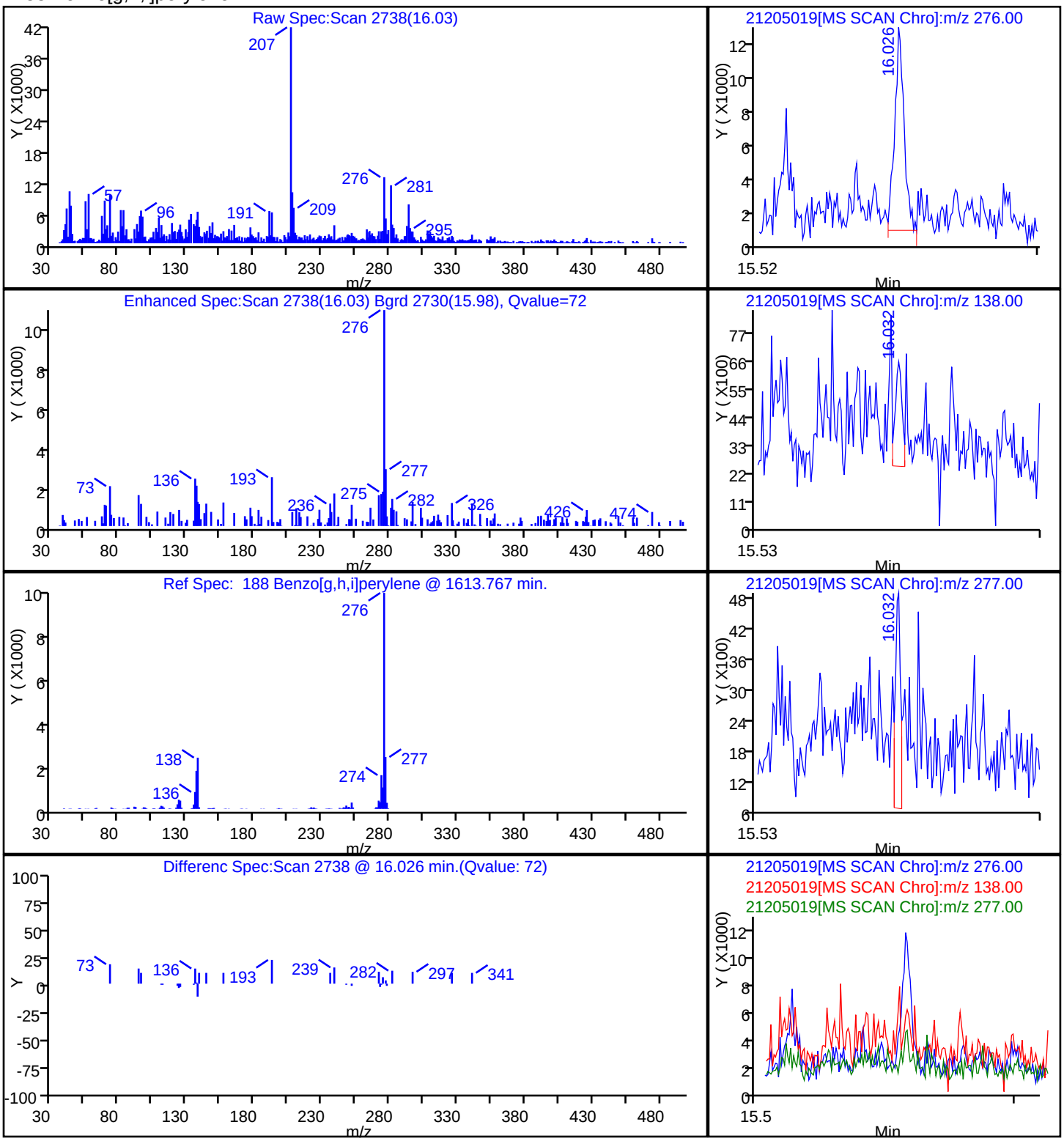
Report Date: 06-Dec-2012 08:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205019.D

Injection Date:	05-Dec-2012 16:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0013M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



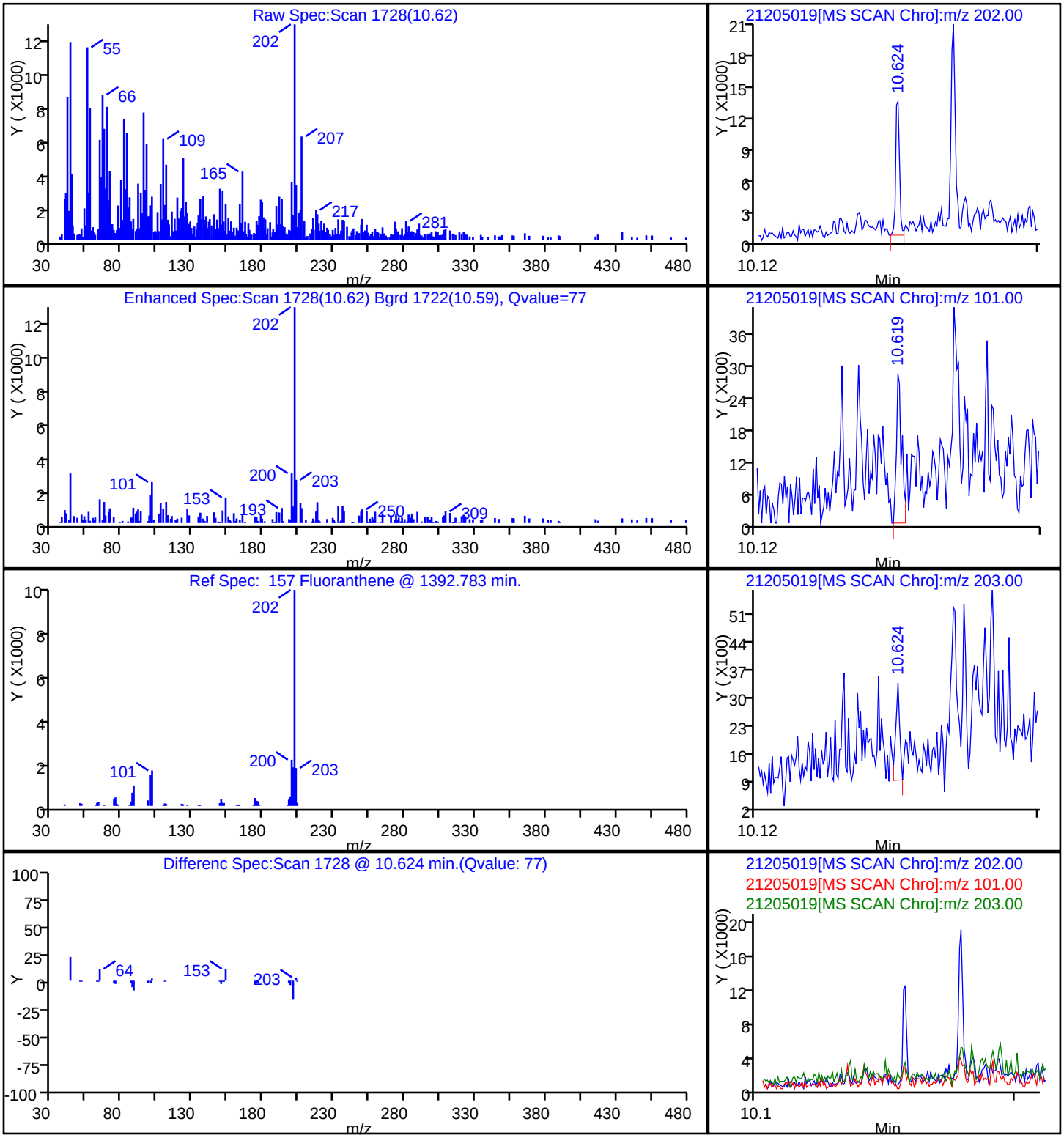
Report Date: 06-Dec-2012 08:49:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205019.D

Injection Date:	05-Dec-2012 16:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0013M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



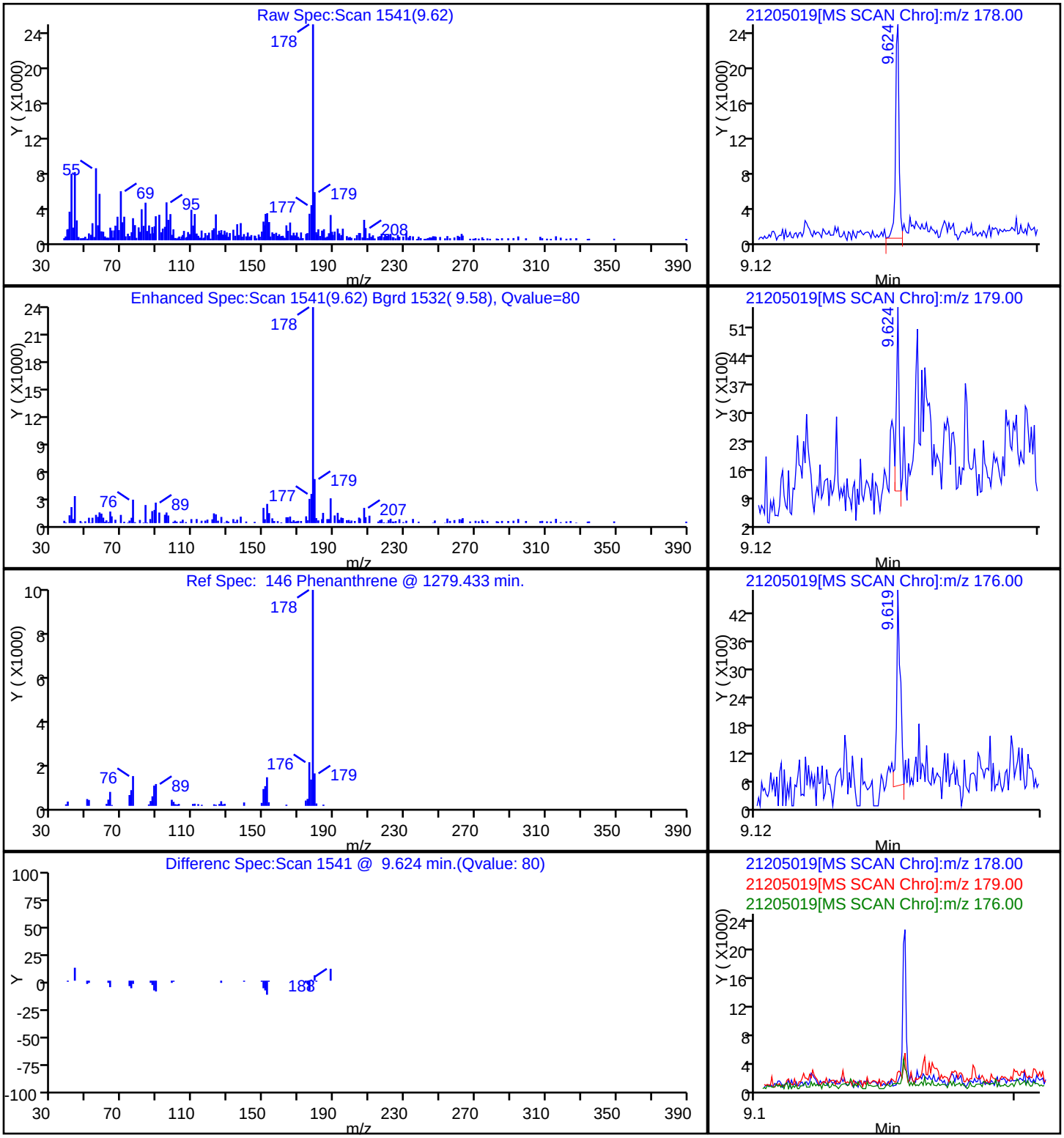
Report Date: 06-Dec-2012 08:49:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205019.D

Injection Date:	05-Dec-2012 16:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0013M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene

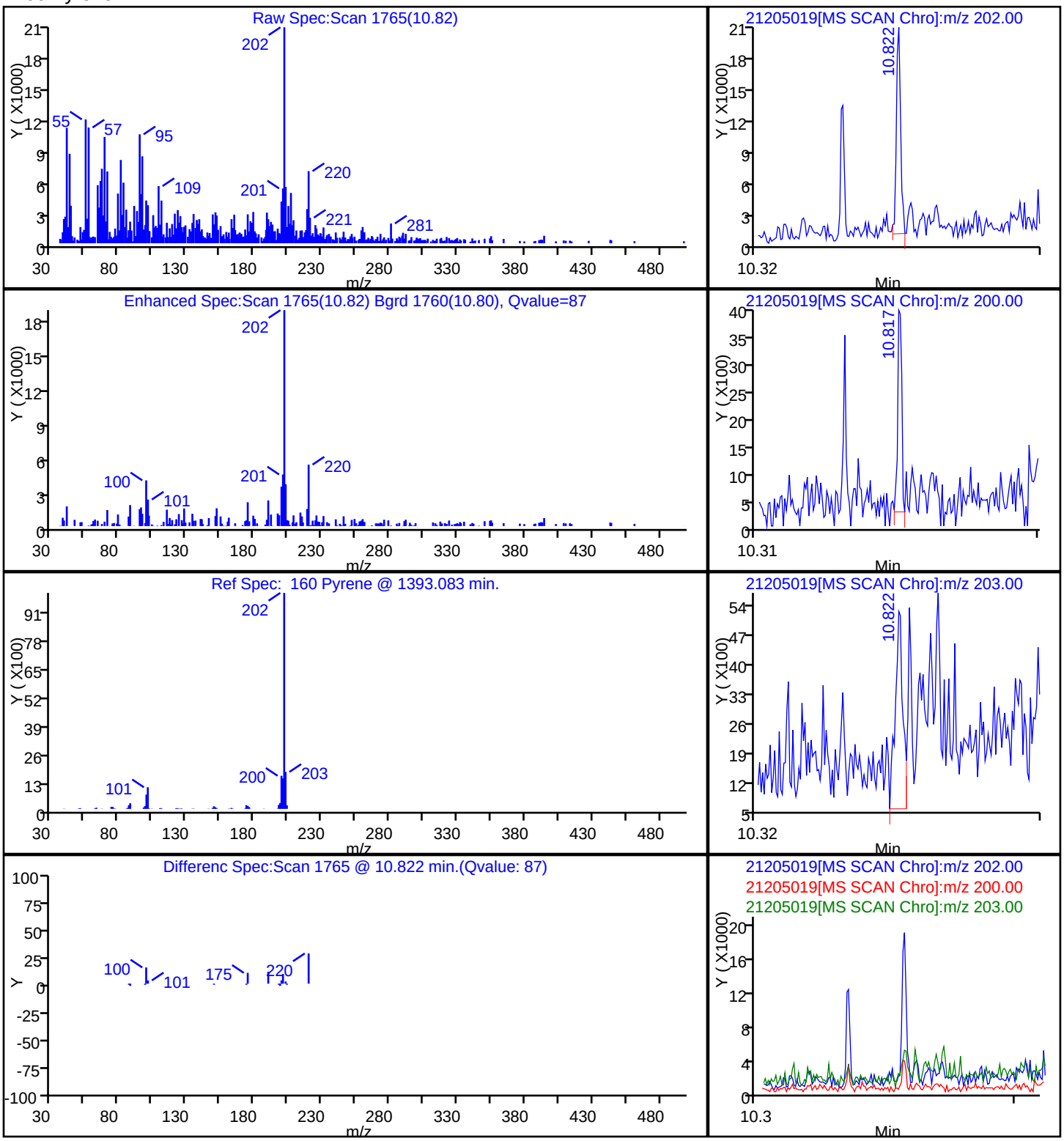


Report Date: 06-Dec-2012 08:49:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205019.D		
Injection Date:	05-Dec-2012 16:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0013M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0014M-0001-SO | Lab Sample ID: 240-17768-4

Matrix: Solid | Lab File ID: 21205017.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 09:35

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.26(g) | Date Analyzed: 12/05/2012 15:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3800	D	130	65	65
208-96-8	Acenaphthylene	65	U	130	65	65
120-12-7	Anthracene	590	D	130	65	65
56-55-3	Benzo[a]anthracene	1400	D M	130	65	65
50-32-8	Benzo[a]pyrene	730	D	130	65	65
205-99-2	Benzo[b]fluoranthene	310	D M	130	65	65
191-24-2	Benzo[g,h,i]perylene	580	D M	130	65	65
65-85-0	Benzoic acid	6600	U	13000	6600	6600
207-08-9	Benzo[k]fluoranthene	65	U	130	65	65
100-51-6	Benzyl alcohol	540	U	6500	540	420
111-91-1	Bis(2-chloroethoxy)methane	540	U	2000	540	440
111-44-4	Bis(2-chloroethyl)ether	65	U	2000	65	40
108-60-1	bis (2-chloroisopropyl) ether	540	U	2000	540	190
117-81-7	Bis(2-ethylhexyl) phthalate	540	U	990	540	380
101-55-3	4-Bromophenyl phenyl ether	540	U	990	540	260
85-68-7	Butyl benzyl phthalate	540	U	990	540	200
86-74-8	Carbazole	540	U	990	540	540
106-47-8	4-Chloroaniline	540	U	3000	540	340
59-50-7	4-Chloro-3-methylphenol	540	U	3000	540	420
91-58-7	2-Chloronaphthalene	65	U	990	65	65
95-57-8	2-Chlorophenol	540	U	990	540	540
7005-72-3	4-Chlorophenyl phenyl ether	540	U	990	540	260
218-01-9	Chrysene	1600	D	130	65	22
53-70-3	Dibenz(a,h)anthracene	65	U	130	65	65
132-64-9	Dibenzofuran	2300	D	990	65	65
95-50-1	1,2-Dichlorobenzene	540	U	990	540	190
541-73-1	1,3-Dichlorobenzene	540	U	990	540	220
106-46-7	1,4-Dichlorobenzene	540	U	990	540	400
91-94-1	3,3'-Dichlorobenzidine	1600	U	2000	1600	360
120-83-2	2,4-Dichlorophenol	540	U	3000	540	400
84-66-2	Diethyl phthalate	540	U	990	540	320
105-67-9	2,4-Dimethylphenol	1600	U	3000	1600	400
131-11-3	Dimethyl phthalate	540	U	990	540	340
84-74-2	Di-n-butyl phthalate	540	U	990	540	300

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0014M-0001-SO | Lab Sample ID: 240-17768-4

Matrix: Solid | Lab File ID: 21205017.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 09:35

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.26(g) | Date Analyzed: 12/05/2012 15:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	1600	U	3000	1600	1600
51-28-5	2,4-Dinitrophenol	1600	U	6500	1600	1600
121-14-2	2,4-Dinitrotoluene	540	U	4000	540	540
606-20-2	2,6-Dinitrotoluene	540	U	4000	540	420
117-84-0	Di-n-octyl phthalate	540	U	990	540	540
206-44-0	Fluoranthene	1500	D	130	65	65
86-73-7	Fluorene	6300	D	130	65	65
118-74-1	Hexachlorobenzene	65	U	130	65	42
87-68-3	Hexachlorobutadiene	540	U	990	540	540
77-47-4	Hexachlorocyclopentadiene	540	U	6500	540	540
67-72-1	Hexachloroethane	540	U	990	540	180
193-39-5	Indeno[1,2,3-cd]pyrene	65	U	130	65	65
78-59-1	Isophorone	540	U	990	540	260
91-57-6	2-Methylnaphthalene	15000	D	130	65	65
95-48-7	2-Methylphenol	1600	U	4000	1600	1600
15831-10-4	3 & 4 Methylphenol	1600	U	7900	1600	400
91-20-3	Naphthalene	840	D	130	65	65
88-74-4	2-Nitroaniline	540	U	4000	540	180
99-09-2	3-Nitroaniline	1600	U	4000	1600	320
100-01-6	4-Nitroaniline	540	U	4000	540	520
98-95-3	Nitrobenzene	65	U	2000	65	44
88-75-5	2-Nitrophenol	540	U	990	540	540
100-02-7	4-Nitrophenol	1600	U	6500	1600	1600
621-64-7	N-Nitrosodi-n-propylamine	540	U	990	540	540
86-30-6	N-Nitrosodiphenylamine	540	U	990	540	420
87-86-5	Pentachlorophenol	1600	U	3000	1600	1600
85-01-8	Phenanthrene	9800	D	130	65	65
108-95-2	Phenol	540	U	990	540	540
129-00-0	Pyrene	9200	D	130	65	65
120-82-1	1,2,4-Trichlorobenzene	540	U	990	540	540
95-95-4	2,4,5-Trichlorophenol	540	U	3000	540	500
88-06-2	2,4,6-Trichlorophenol	1600	U	3000	1600	1600

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0014M-0001-SO | Lab Sample ID: 240-17768-4

Matrix: Solid | Lab File ID: 21205017.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 09:35

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.26(g) | Date Analyzed: 12/05/2012 15:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 20

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	70		45-105
367-12-4	2-Fluorophenol (Surr)	73		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	67		35-100
4165-62-2	Phenol-d5 (Surr)	72		40-100
1718-51-0	Terphenyl-d14 (Surr)	0	Q	30-125
118-79-6	2,4,6-Tribromophenol (Surr)	62		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D		
Lims ID:	240-17768-H-4-B	Client ID:	70SB-0014M-0001-SO
Inject. Date:	05-Dec-2012 15:21:30	Dil. Factor:	20.0000
Sample Type:	Client		
Sample ID:	240-0015541-017		
Misc. Info.:	240-17768-h-4-b		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	67390	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m		
Last Update:	06-Dec-2012 08:49:41	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:	XAWRK028		
First Level Reviewer: gruberj		Date:	05-Dec-2012 15:51:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.735	5.730	0.005	95	200585	4.00	
* 2 Naphthalene-d8	136	6.859	6.859	0.0	99	768651	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	76	446056	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	94	786461	4.00	
* 5 Chrysene-d12	240	12.057	12.057	0.0	96	804255	4.00	
* 6 Perylene-d12	264	14.036	14.036	0.0	96	720759	4.00	
$ 7 2-Fluorophenol	112	4.473	4.430	0.043	84	33715	0.5438	
$ 8 Phenol-d5	99	5.388	5.382	0.006	89	42325	0.5377	
$ 9 Nitrobenzene-d5	82	6.227	6.227	0.0	79	22599	0.3344	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	71	50830	0.3512	
$ 11 2,4,6-Tribromophenol	330	9.014	9.014	0.0	6	8518	0.4616	
$ 12 Terphenyl-d14	244		10.934					
41 Phenol	94		5.393					9
44 Bis(2-chloroethyl)ether	93		5.484					
46 2-Chlorophenol	128		5.532					9
47 1,3-Dichlorobenzene	146		5.677					
48 1,4-Dichlorobenzene	146		5.746					
49 Benzyl alcohol	108		5.853					9
50 1,2-Dichlorobenzene	146		5.885					
51 2-Methylphenol	108		5.944					9
52 2,2'-oxybis[1-chloropropane]	45		5.976					
191 3 & 4 Methylphenol	108		6.078					
56 N-Nitrosodi-n-propylamine	70		6.088					9
60 Hexachloroethane	117		6.190					
61 Nitrobenzene	77		6.243					9
63 Isophorone	82		6.452					9
65 2-Nitrophenol	139		6.522					9
64 2,4-Dimethylphenol	107		6.548					9
69 Benzoic acid	122		6.618					
68 Bis(2-chloroethoxy)methane	93		6.634					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.730					9
72 1,2,4-Trichlorobenzene	180		6.805					
73 Naphthalene	128	6.875	6.875	0.0	93	122452	0.6376	
74 4-Chloroaniline	127		6.912					
77 Hexachlorobutadiene	225		6.976					
84 4-Chloro-3-methylphenol	107		7.313					
85 2-Methylnaphthalene	142	7.468	7.468	0.0	91	1405278	11.4	
88 Hexachlorocyclopentadiene	237		7.597					
90 2,4,6-Trichlorophenol	196		7.698					
91 2,4,5-Trichlorophenol	196		7.730					
98 2-Chloronaphthalene	162		7.880					
100 2-Nitroaniline	65		7.955					
103 Dimethyl phthalate	163		8.099					
105 2,6-Dinitrotoluene	165		8.158					9
107 Acenaphthylene	152		8.233					
108 3-Nitroaniline	138		8.303					
110 Acenaphthene	153	8.378	8.378	0.0	88	353174	2.89	
109 2,4-Dinitrophenol	184		8.388					
111 4-Nitrophenol	109		8.426					
112 2,4-Dinitrotoluene	165		8.495					9
114 Dibenzofuran	168	8.522	8.522	0.0	83	310832	1.71	
119 Diethyl phthalate	149		8.688					
121 4-Chlorophenyl phenyl ether	204		8.800					
124 Fluorene	166	8.811	8.811	0.0	92	696408	4.78	
123 4-Nitroaniline	138		8.816					
126 4,6-Dinitro-2-methylphenol	198		8.838					
130 N-Nitrosodiphenylamine	169		8.896					
137 4-Bromophenyl phenyl ether	248		9.212					
139 Hexachlorobenzene	284		9.271					
141 Pentachlorophenol	266		9.431					
146 Phenanthrene	178	9.624	9.624	0.0	97	1598446	7.44	
147 Anthracene	178	9.667	9.667	0.0	61	94651	0.4434	
149 Carbazole	167		9.795					
151 Di-n-butyl phthalate	149		10.057					
157 Fluoranthene	202	10.624	10.624	0.0	95	272951	1.15	
160 Pyrene	202	10.822	10.822	0.0	97	1789772	6.97	
166 Butyl benzyl phthalate	149		11.389					
173 3,3'-Dichlorobenzidine	252		11.999					9
171 Bis(2-ethylhexyl) phthalate	149		12.020					
175 Benzo[a]anthracene	228	12.047	12.041	0.006	85	230535	1.03	M
176 Chrysene	228	12.089	12.090	-0.001	85	254365	1.19	
178 Di-n-octyl phthalate	149		12.881					
180 Benzo[b]fluoranthene	252	13.480	13.475	0.005	79	53660	0.2334	M
181 Benzo[k]fluoranthene	252		13.518					
182 Benzo[a]pyrene	252	13.962	13.951	0.011	66	102818	0.5551	
186 Indeno[1,2,3-cd]pyrene	276		15.630					
187 Dibenz(a,h)anthracene	278		15.657					
188 Benzo[g,h,i]perylene	276	16.037	16.031	0.006	79	91214	0.4420	M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

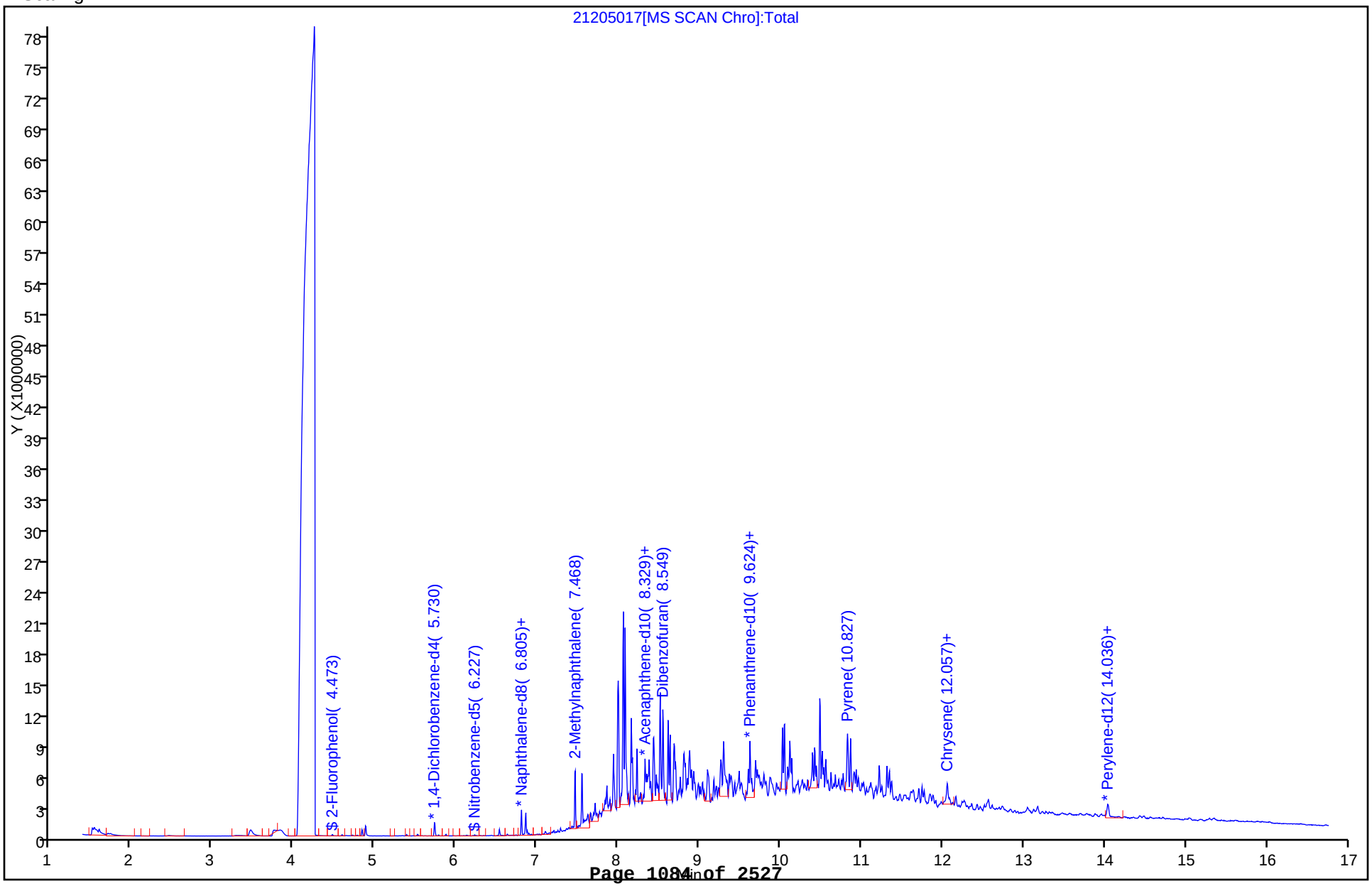
Review Flags
M - Manually Integrated

Report Date: 06-Dec-2012 08:49:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D		
Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

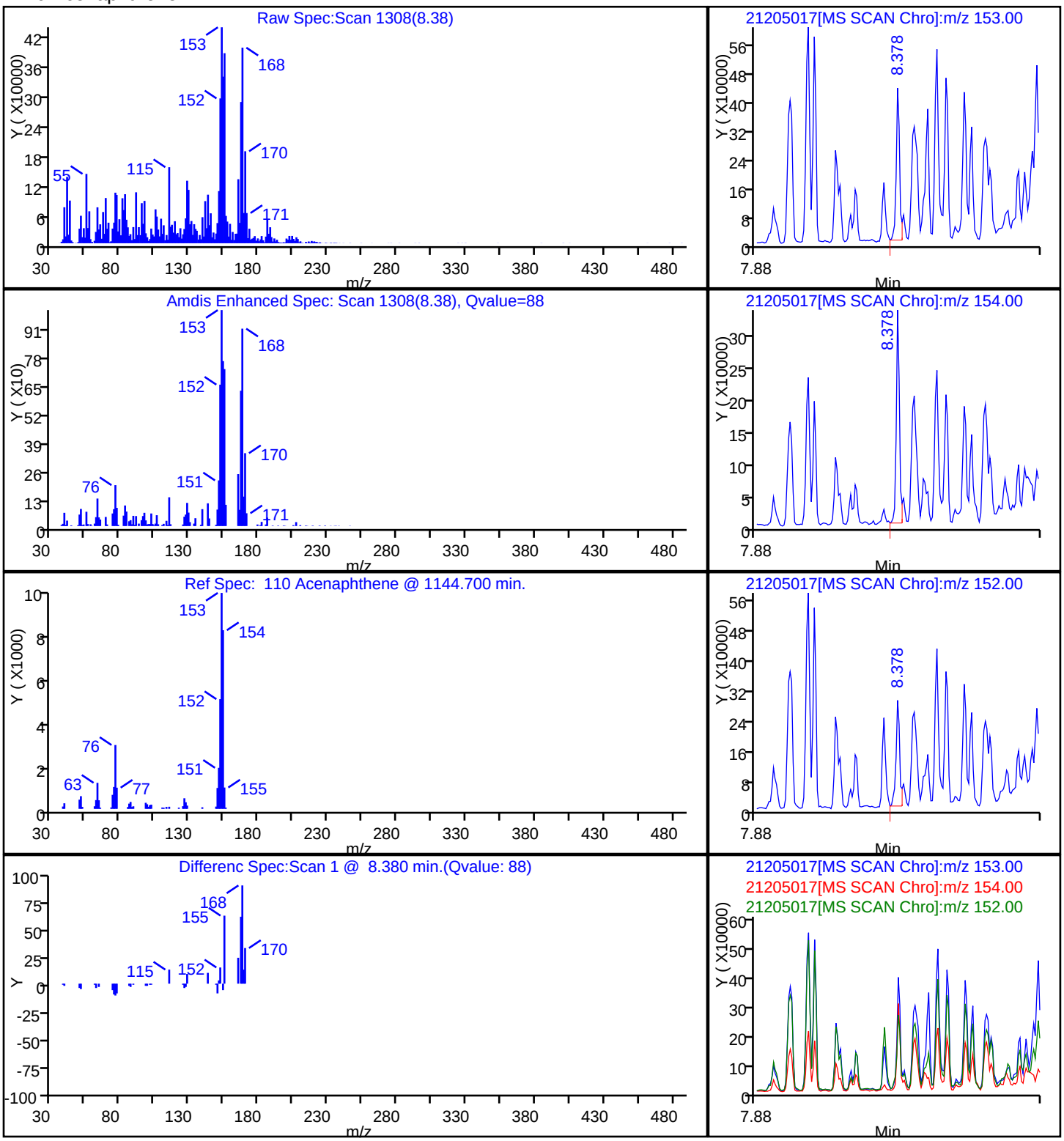


Report Date: 06-Dec-2012 08:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D		
Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

110 Acenaphthene

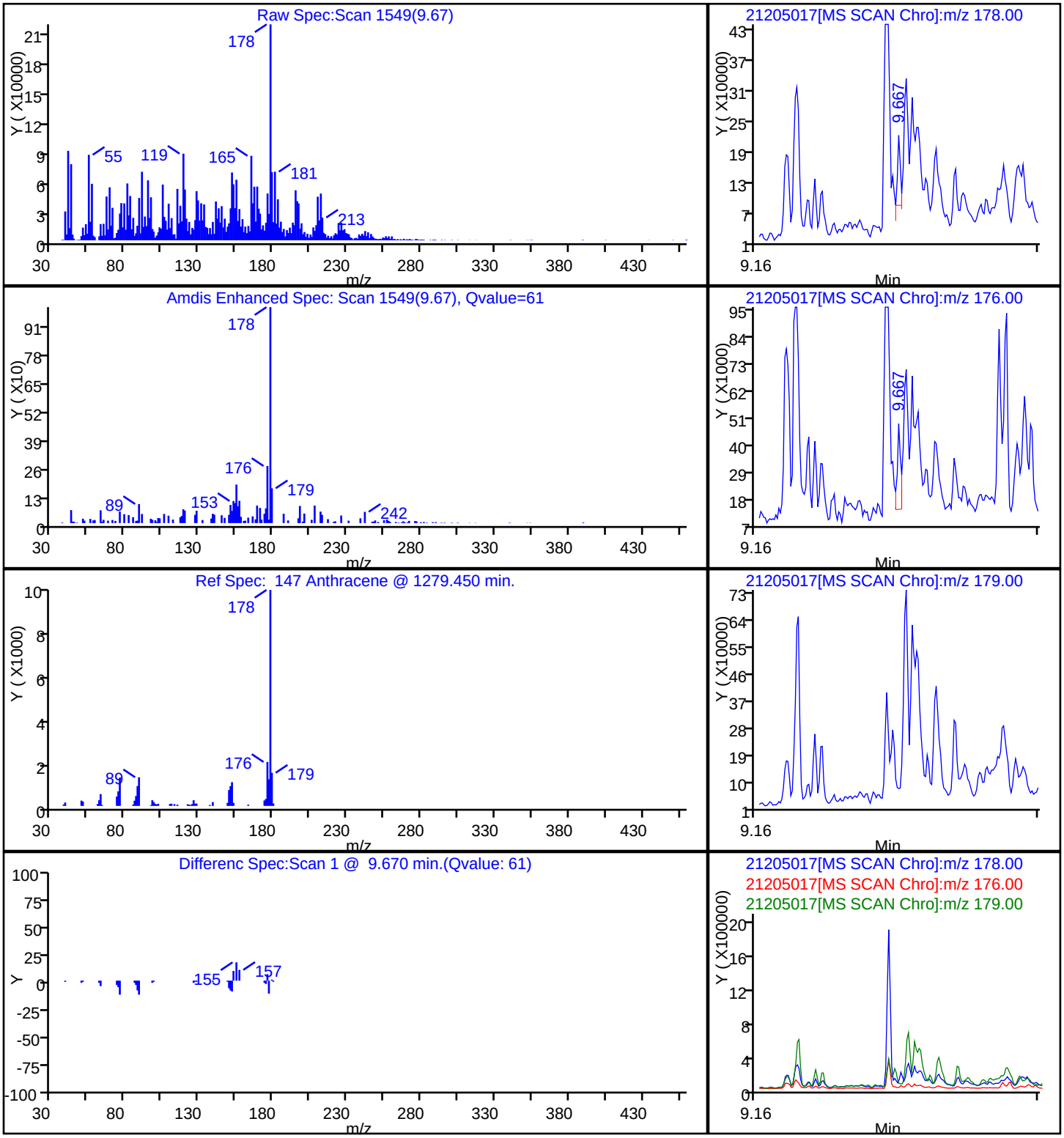


Report Date: 06-Dec-2012 08:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D		
Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



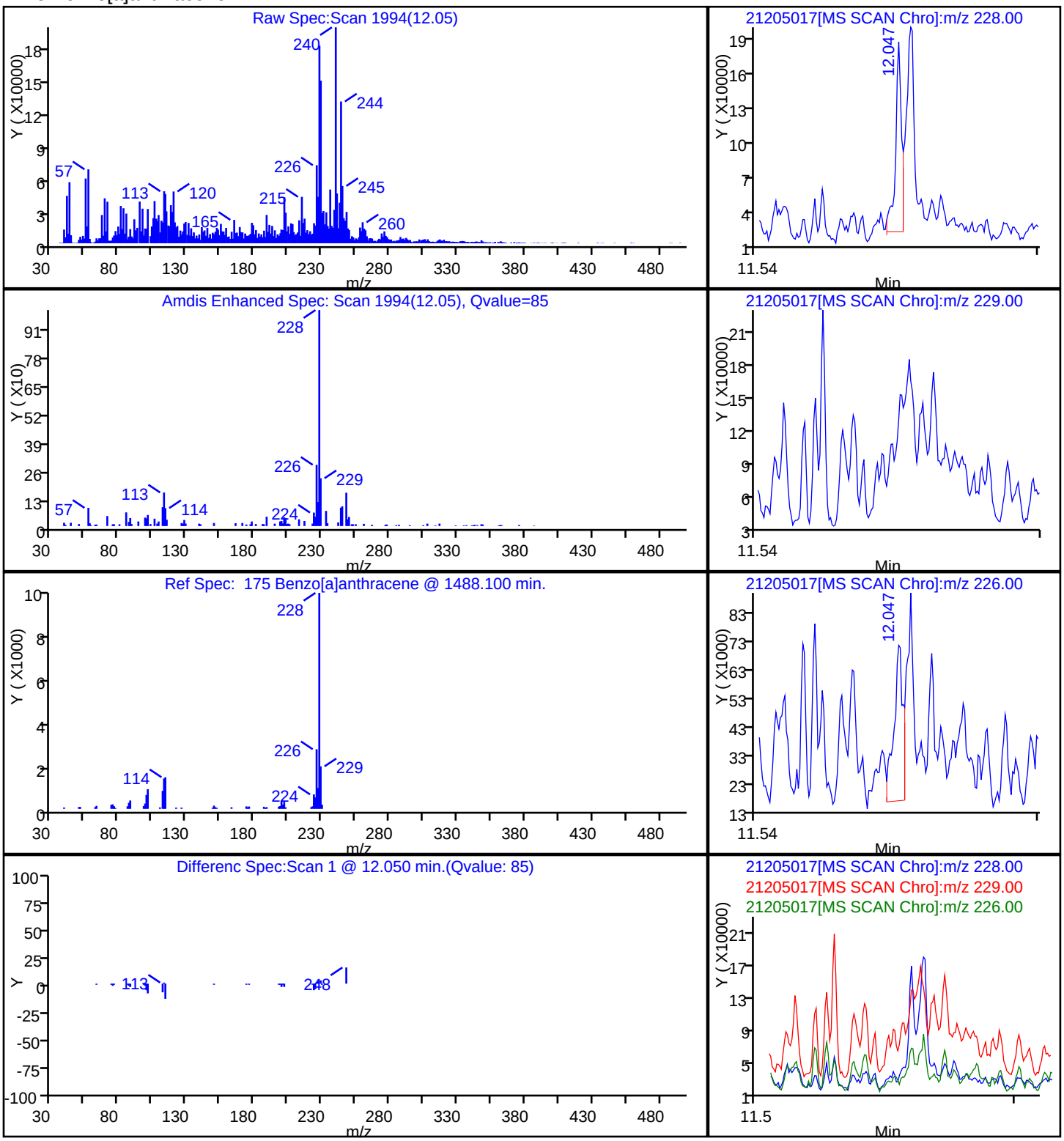
Report Date: 06-Dec-2012 08:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D

Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



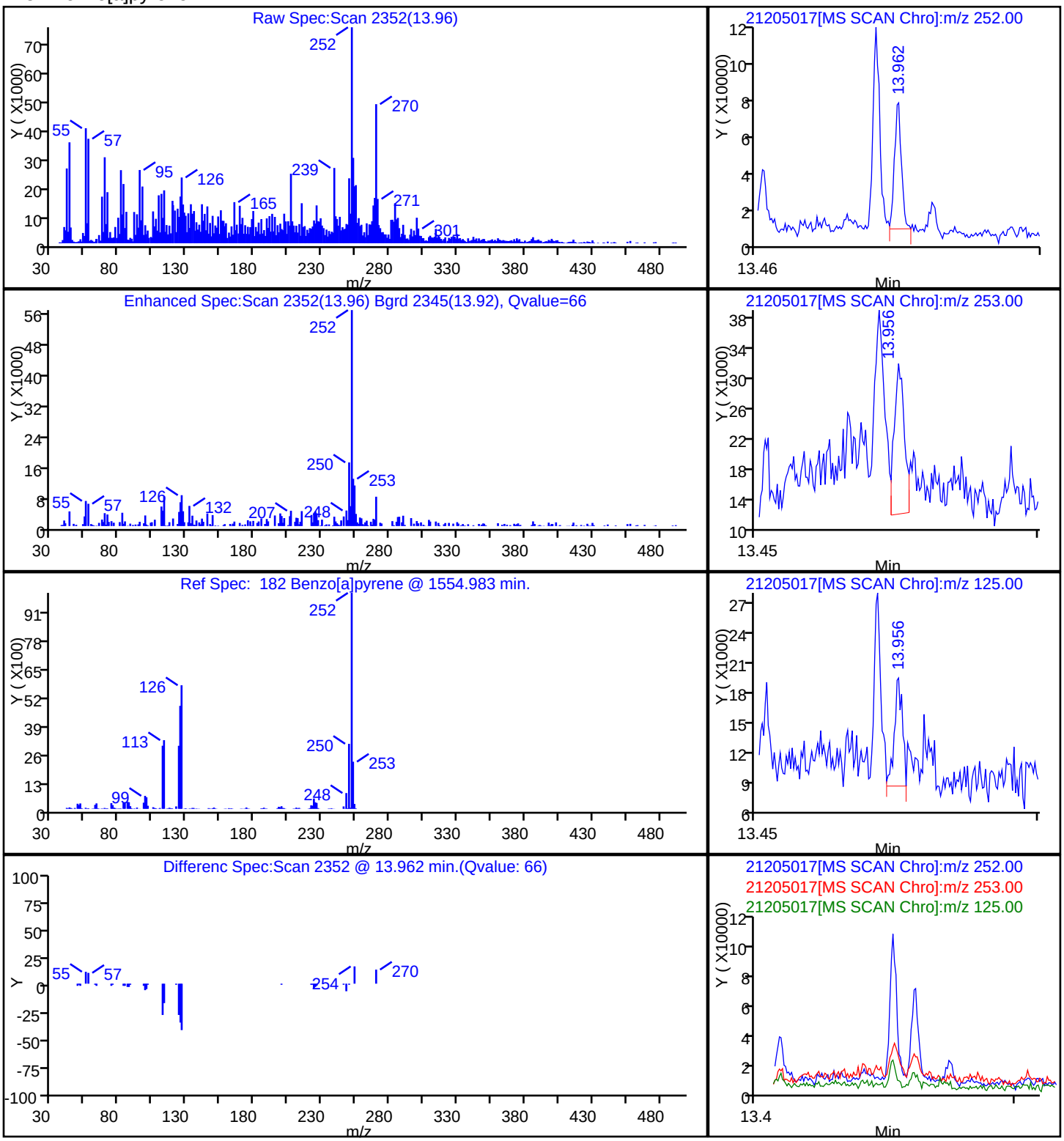
Report Date: 06-Dec-2012 08:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D

Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



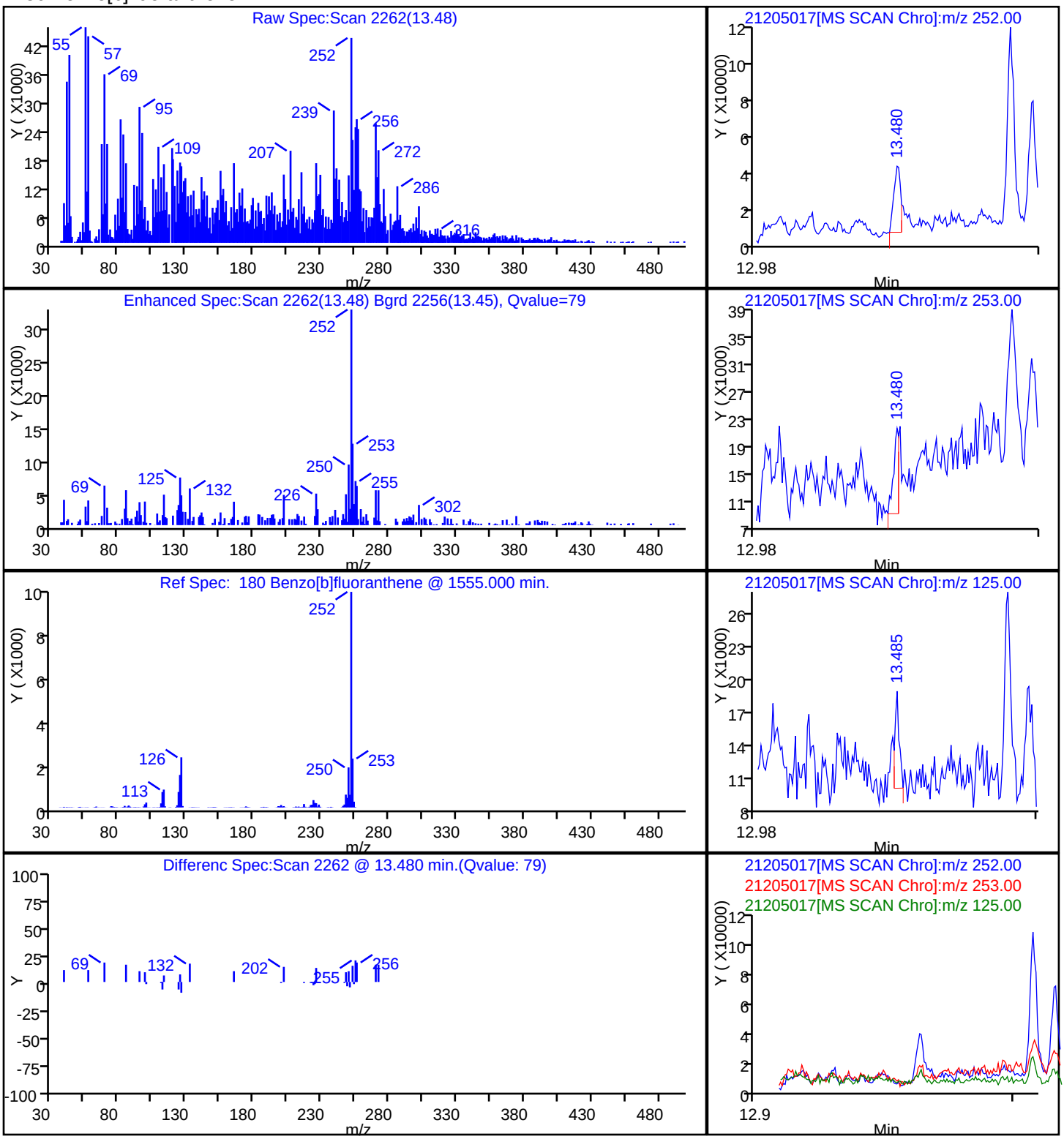
Report Date: 06-Dec-2012 08:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D

Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



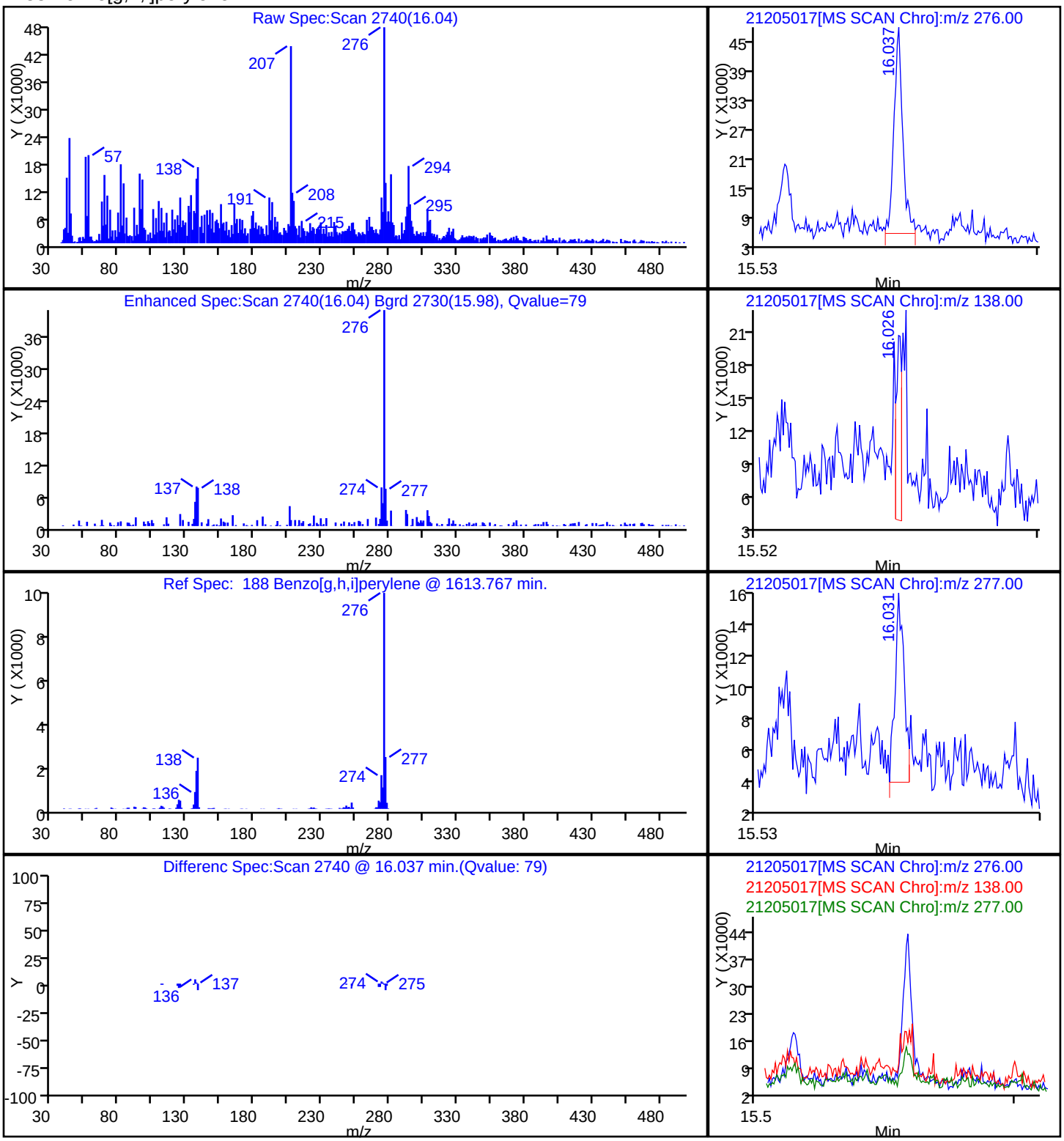
Report Date: 06-Dec-2012 08:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D

Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



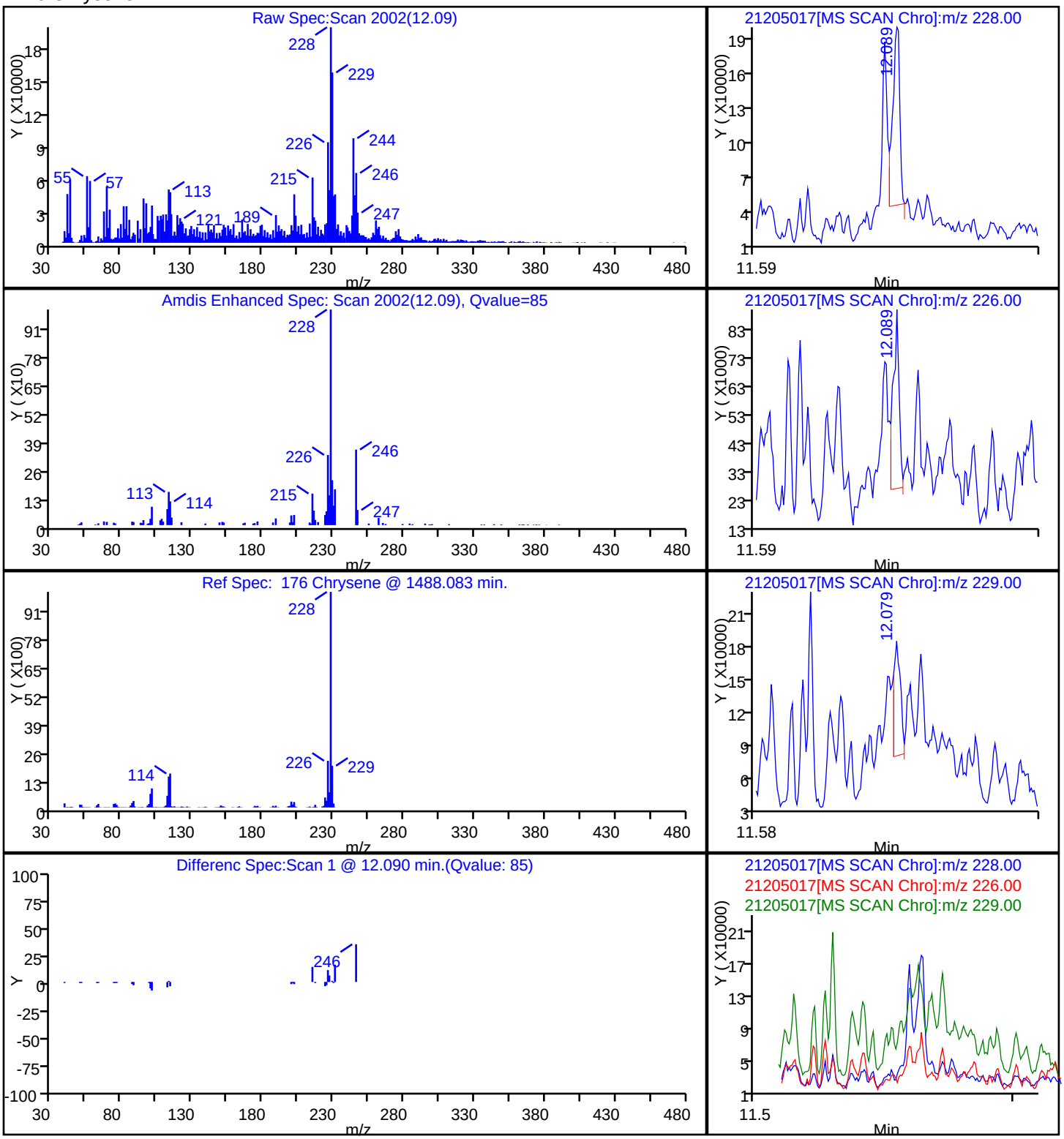
Report Date: 06-Dec-2012 08:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D

Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene

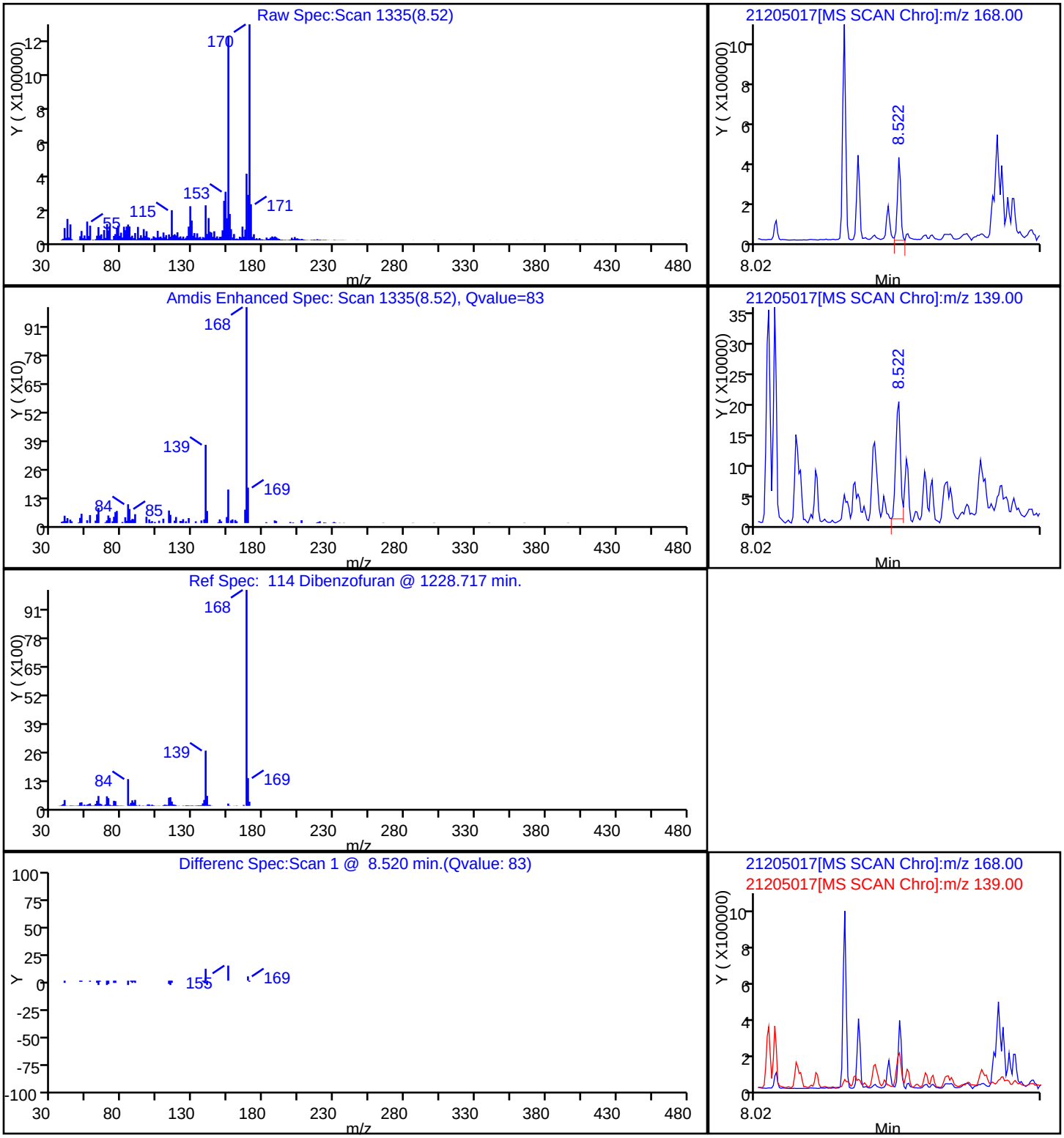


Report Date: 06-Dec-2012 08:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D		
Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



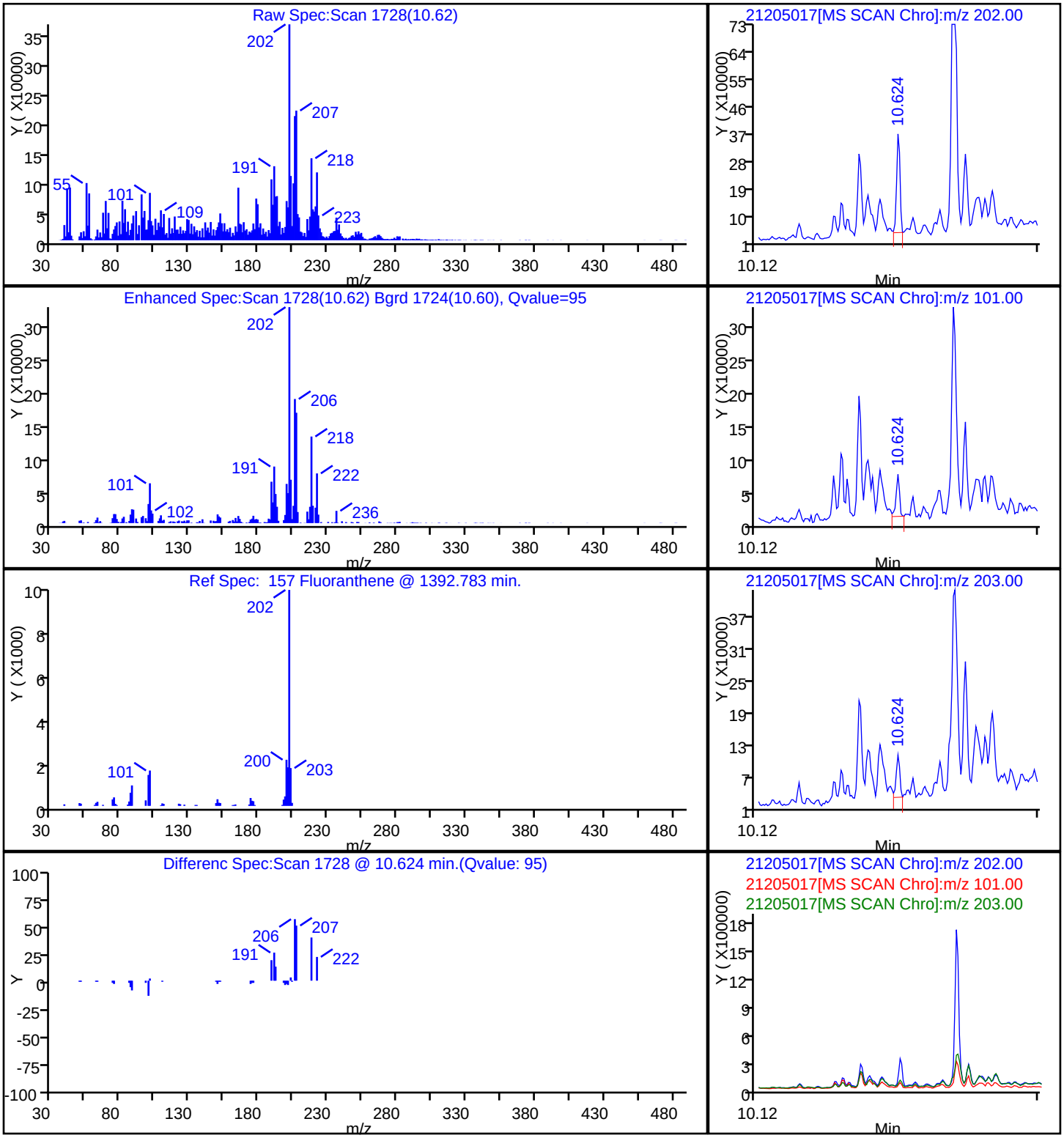
Report Date: 06-Dec-2012 08:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D

Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



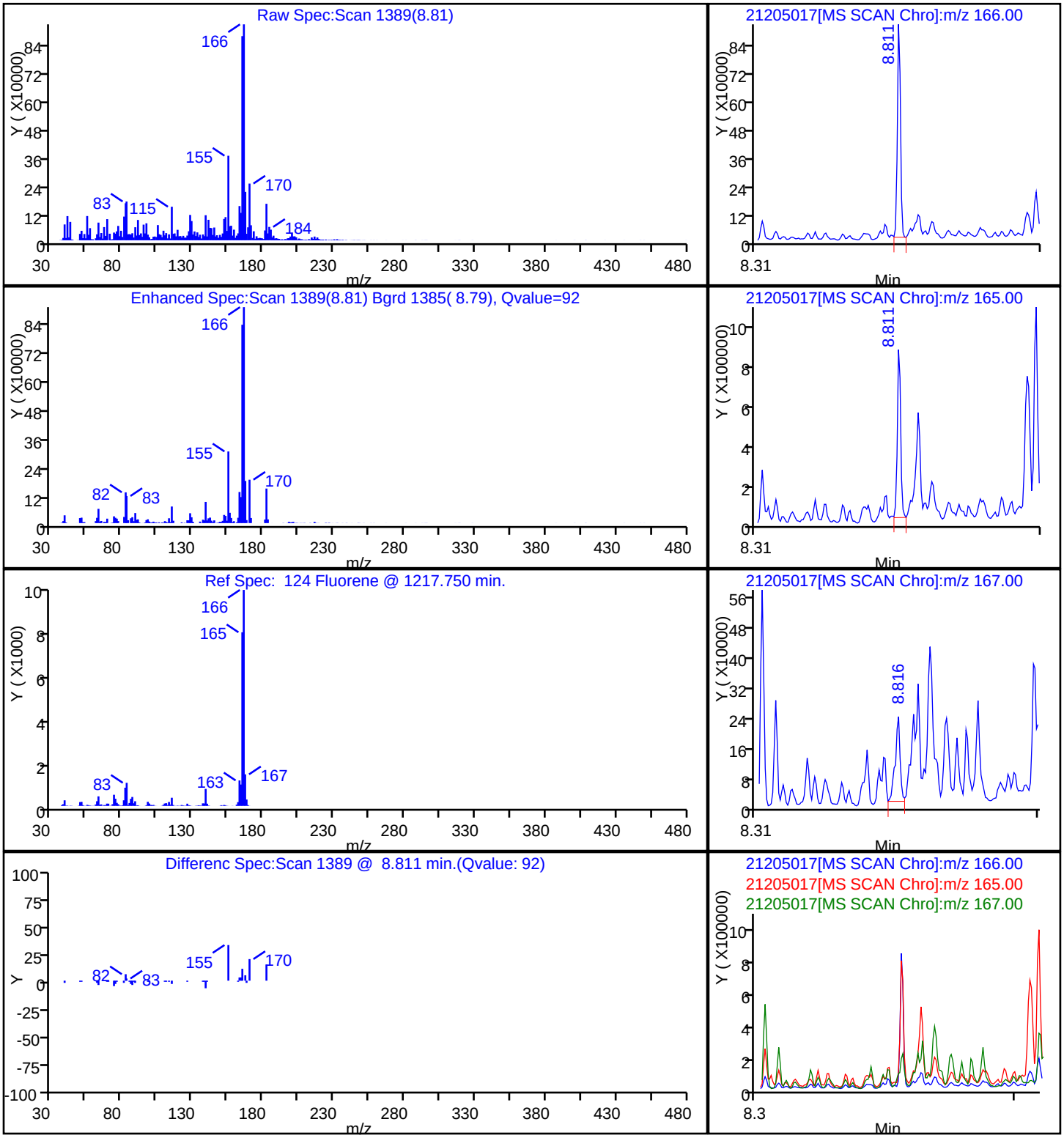
Report Date: 06-Dec-2012 08:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D

Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene

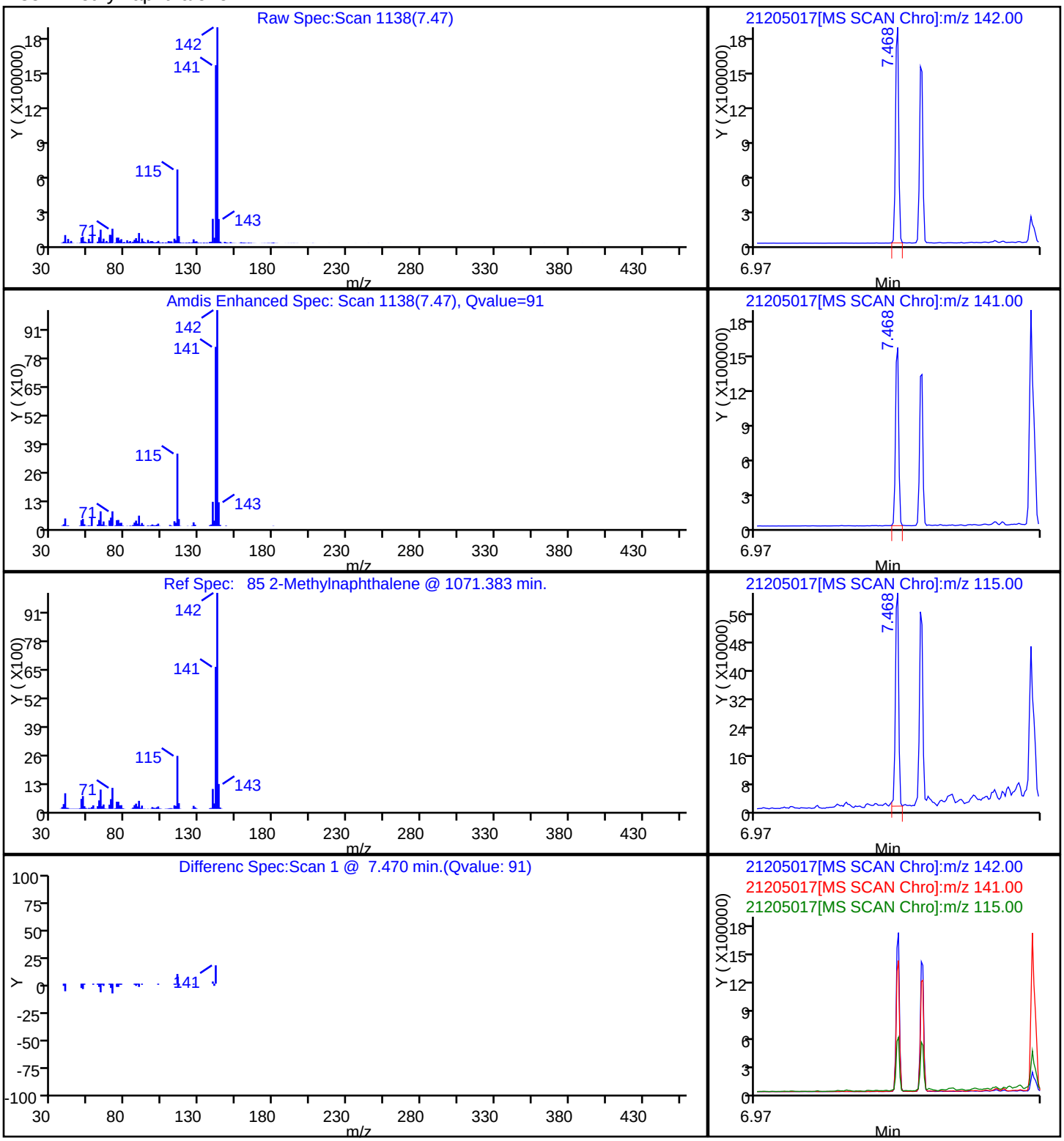


Report Date: 06-Dec-2012 08:49:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D		
Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



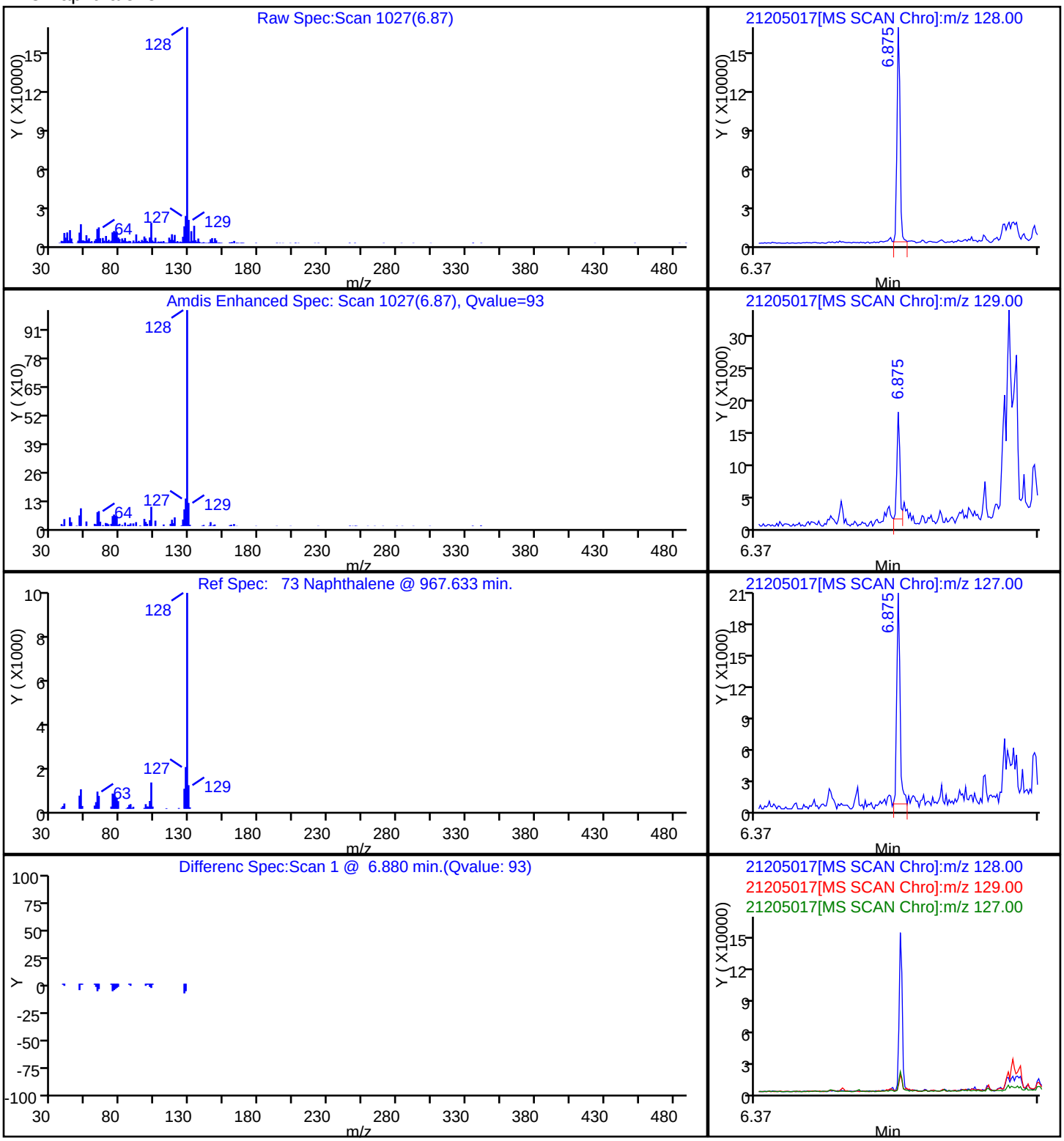
Report Date: 06-Dec-2012 08:49:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D

Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



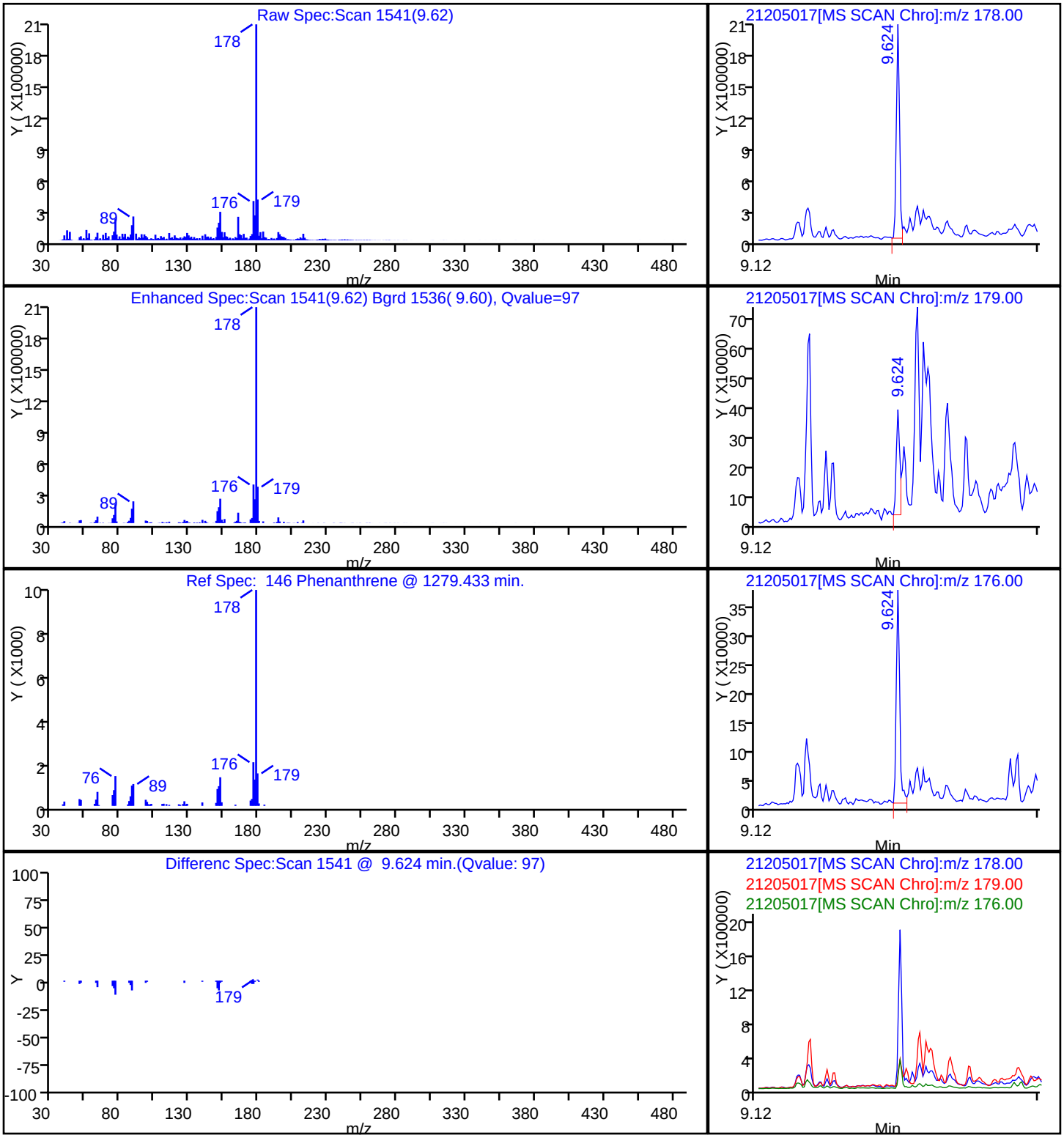
Report Date: 06-Dec-2012 08:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D

Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



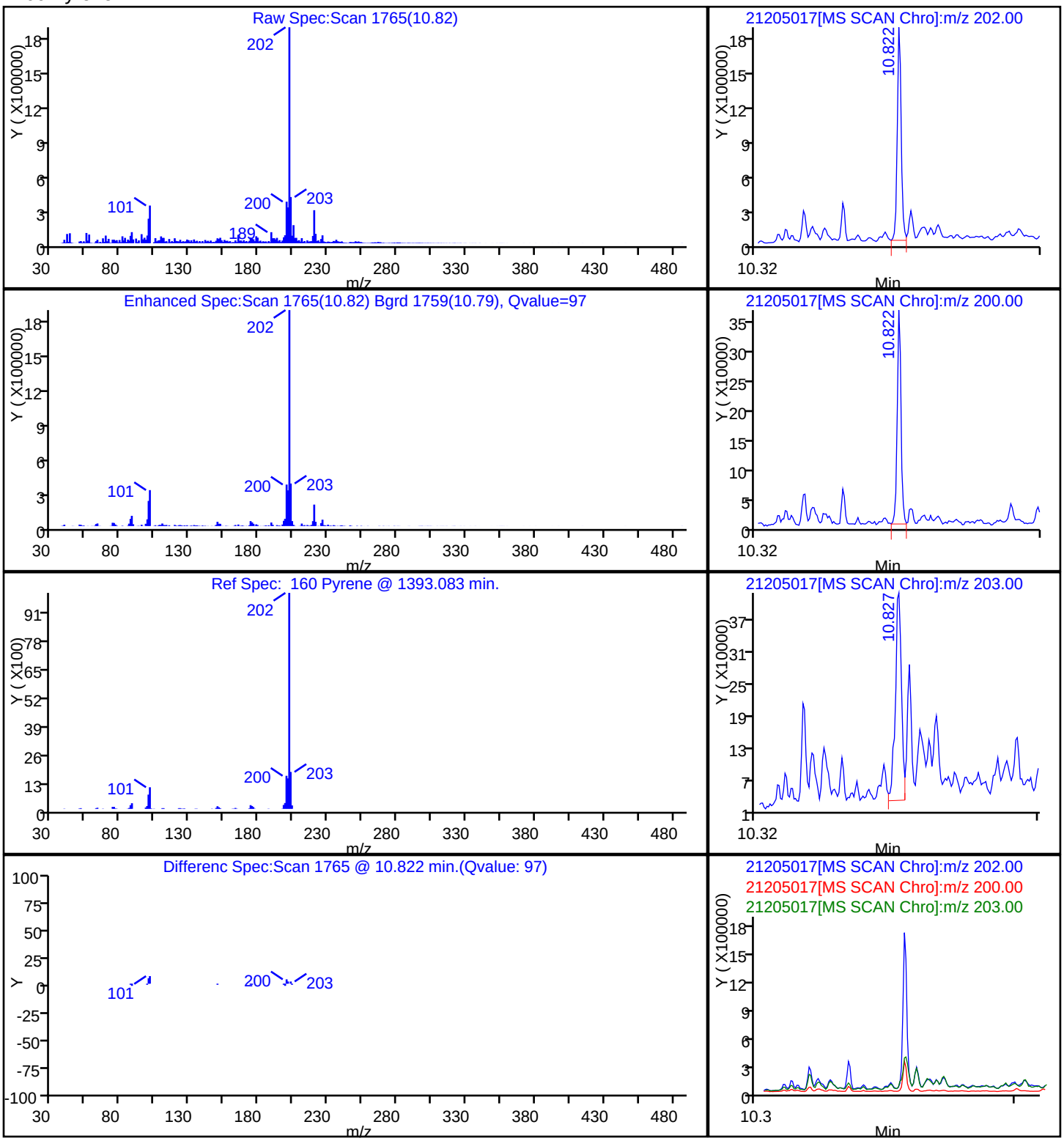
Report Date: 06-Dec-2012 08:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D

Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Report Date: 06-Dec-2012 08:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

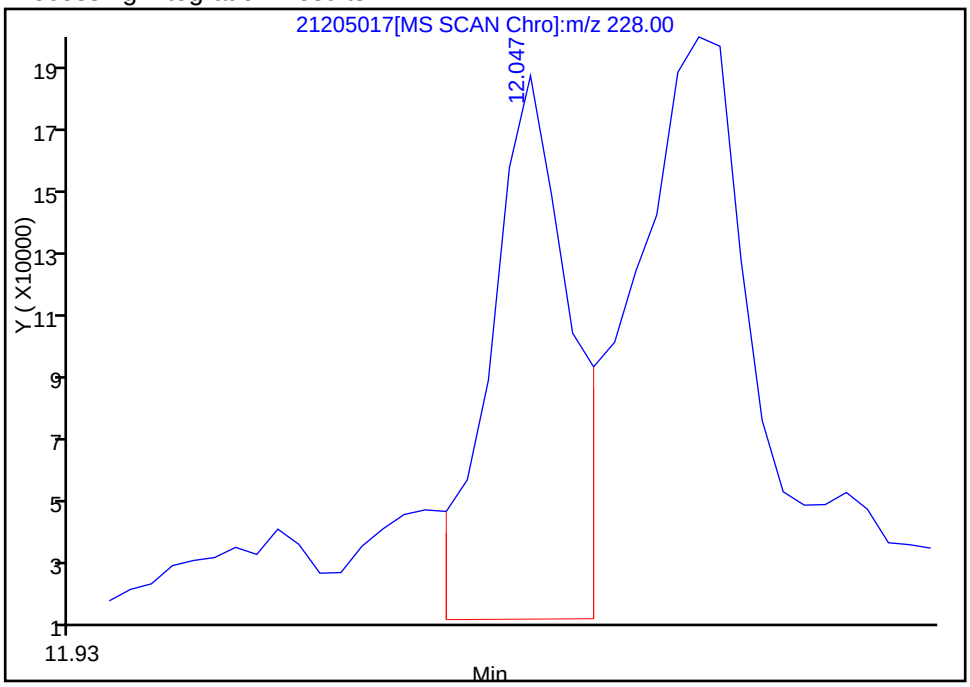
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D		
Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene, Signal: 1, m/z: 228.0 Type: quant, RT: 12.04

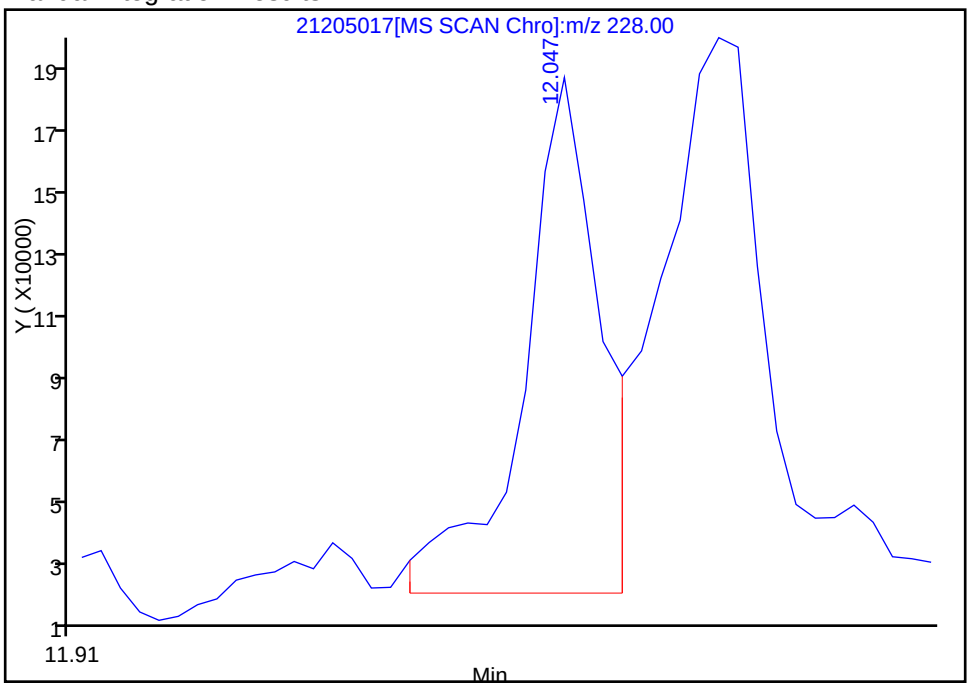
Processing Integration Results

RT: 12.05
Response: 241872
Amount: 1.077652



Manual Integration Results

RT: 12.05
Response: 230535
Amount: 1.027141



Reviewer: gruberj, 05-Dec-2012 15:51:49
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

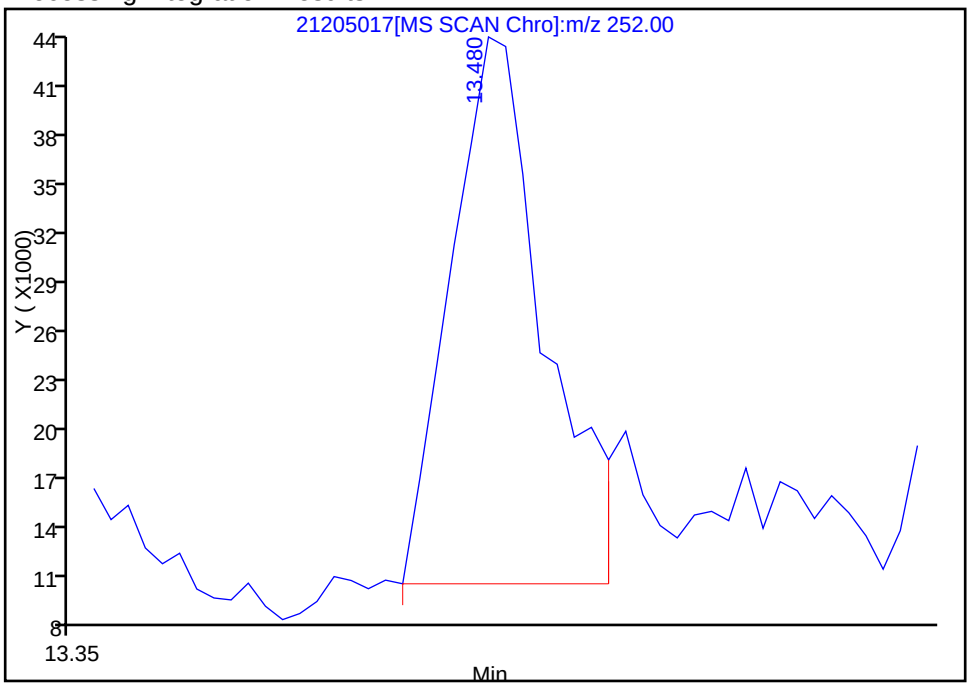
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D		
Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
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: 13.47

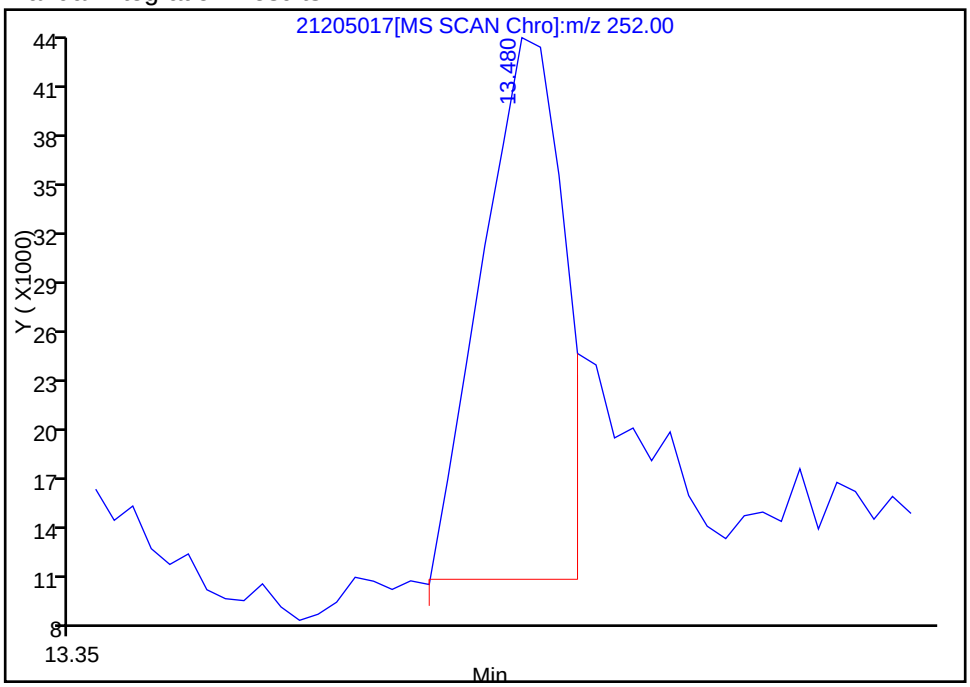
Processing Integration Results

RT: 13.48
Response: 67018
Amount: 0.291476



Manual Integration Results

RT: 13.48
Response: 53660
Amount: 0.233379



Reviewer: gruberj, 05-Dec-2012 15:51:49
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

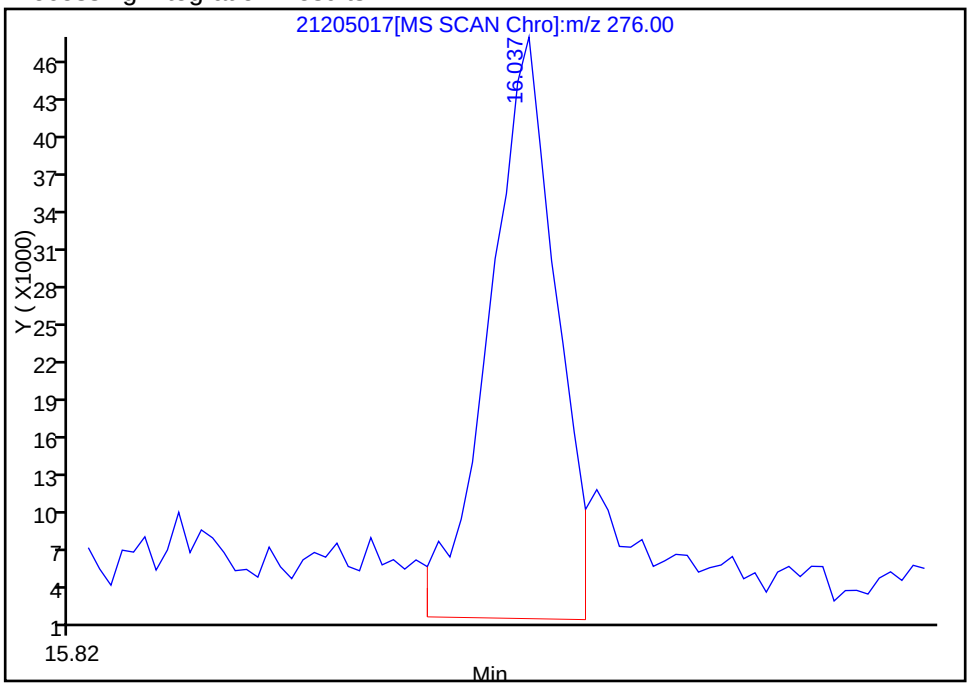
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205017.D		
Injection Date:	05-Dec-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	17
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: 16.03

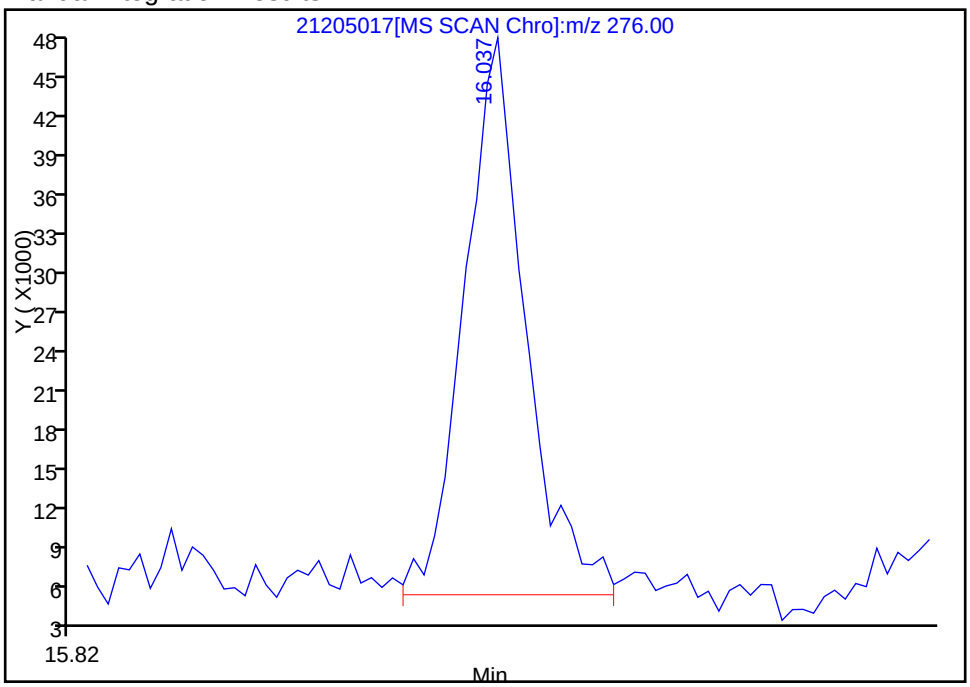
Processing Integration Results

RT: 16.04
Response: 100560
Amount: 0.487325



Manual Integration Results

RT: 16.04
Response: 91214
Amount: 0.442033



Reviewer: gruberj, 05-Dec-2012 15:51:49
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0015M-0001-SO | Lab Sample ID: 240-17768-5

Matrix: Solid | Lab File ID: 21205020.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 13:00

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 29.80(g) | Date Analyzed: 12/05/2012 16:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	17	U	34	17	17
208-96-8	Acenaphthylene	17	U	34	17	17
120-12-7	Anthracene	17	U	34	17	17
56-55-3	Benzo[a]anthracene	17	U	34	17	17
50-32-8	Benzo[a]pyrene	17	U	34	17	17
205-99-2	Benzo[b]fluoranthene	17	U	34	17	17
191-24-2	Benzo[g,h,i]perylene	17	U	34	17	17
65-85-0	Benzoic acid	1700	U	3300	1700	1700
207-08-9	Benzo[k]fluoranthene	17	U	34	17	17
100-51-6	Benzyl alcohol	140	U	1700	140	110
111-91-1	Bis(2-chloroethoxy)methane	140	U	500	140	110
111-44-4	Bis(2-chloroethyl)ether	17	U	500	17	10
108-60-1	bis (2-chloroisopropyl) ether	140	U	500	140	48
117-81-7	Bis(2-ethylhexyl) phthalate	140	U	250	140	96
101-55-3	4-Bromophenyl phenyl ether	140	U	250	140	65
85-68-7	Butyl benzyl phthalate	140	U	250	140	50
86-74-8	Carbazole	140	U	250	140	140
106-47-8	4-Chloroaniline	140	U	760	140	86
59-50-7	4-Chloro-3-methylphenol	140	U	760	140	110
91-58-7	2-Chloronaphthalene	17	U	250	17	17
95-57-8	2-Chlorophenol	140	U	250	140	140
7005-72-3	4-Chlorophenyl phenyl ether	140	U	250	140	65
218-01-9	Chrysene	17	U	34	17	5.5
53-70-3	Dibenz(a,h)anthracene	17	U	34	17	17
132-64-9	Dibenzofuran	17	U	250	17	17
95-50-1	1,2-Dichlorobenzene	140	U	250	140	49
541-73-1	1,3-Dichlorobenzene	140	U	250	140	55
106-46-7	1,4-Dichlorobenzene	140	U	250	140	100
91-94-1	3,3'-Dichlorobenzidine	400	U	500	400	91
120-83-2	2,4-Dichlorophenol	140	U	760	140	100
84-66-2	Diethyl phthalate	140	U	250	140	81
105-67-9	2,4-Dimethylphenol	400	U	760	400	100
131-11-3	Dimethyl phthalate	140	U	250	140	86
84-74-2	Di-n-butyl phthalate	140	U	250	140	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0015M-0001-SO | Lab Sample ID: 240-17768-5

Matrix: Solid | Lab File ID: 21205020.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 13:00

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 29.80(g) | Date Analyzed: 12/05/2012 16:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	400	U	760	400	400
51-28-5	2,4-Dinitrophenol	400	U	1700	400	400
121-14-2	2,4-Dinitrotoluene	140	U	1000	140	140
606-20-2	2,6-Dinitrotoluene	140	U	1000	140	110
117-84-0	Di-n-octyl phthalate	140	U	250	140	140
206-44-0	Fluoranthene	17	U	34	17	17
86-73-7	Fluorene	17	U	34	17	17
118-74-1	Hexachlorobenzene	17	U	34	17	11
87-68-3	Hexachlorobutadiene	140	U	250	140	140
77-47-4	Hexachlorocyclopentadiene	140	U	1700	140	140
67-72-1	Hexachloroethane	140	U	250	140	45
193-39-5	Indeno[1,2,3-cd]pyrene	17	U	34	17	17
78-59-1	Isophorone	140	U	250	140	65
91-57-6	2-Methylnaphthalene	20	J D	34	17	17
95-48-7	2-Methylphenol	400	U	1000	400	400
15831-10-4	3 & 4 Methylphenol	400	U	2000	400	100
91-20-3	Naphthalene	17	U	34	17	17
88-74-4	2-Nitroaniline	140	U	1000	140	46
99-09-2	3-Nitroaniline	400	U	1000	400	81
100-01-6	4-Nitroaniline	140	U	1000	140	130
98-95-3	Nitrobenzene	17	U	500	17	11
88-75-5	2-Nitrophenol	140	U	250	140	140
100-02-7	4-Nitrophenol	400	U	1700	400	400
621-64-7	N-Nitrosodi-n-propylamine	140	U	250	140	140
86-30-6	N-Nitrosodiphenylamine	140	U	250	140	110
87-86-5	Pentachlorophenol	400	U	760	400	400
85-01-8	Phenanthrene	17	U	34	17	17
108-95-2	Phenol	140	U	250	140	140
129-00-0	Pyrene	17	U	34	17	17
120-82-1	1,2,4-Trichlorobenzene	140	U	250	140	140
95-95-4	2,4,5-Trichlorophenol	140	U	760	140	130
88-06-2	2,4,6-Trichlorophenol	400	U	760	400	400

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0015M-0001-SO | Lab Sample ID: 240-17768-5

Matrix: Solid | Lab File ID: 21205020.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 13:00

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 29.80(g) | Date Analyzed: 12/05/2012 16:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	64		45-105
367-12-4	2-Fluorophenol (Surr)	66		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	62		35-100
4165-62-2	Phenol-d5 (Surr)	68		40-100
1718-51-0	Terphenyl-d14 (Surr)	70		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	59		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205020.D		
Lims ID:	240-17768-H-5-B	Client ID:	70SB-0015M-0001-SO
Inject. Date:	05-Dec-2012 16:31:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0015541-020		
Misc. Info.:	240-17768-h-5-b		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	67390	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m		
Last Update:	06-Dec-2012 08:49:41	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:	XAWRK028		

First Level Reviewer: gruberj Date: 06-Dec-2012 08:46:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.741	5.730	0.011	95	187128	4.00	
* 2 Naphthalene-d8	136	6.858	6.859	-0.001	99	725945	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	93	416745	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	98	739304	4.00	
* 5 Chrysene-d12	240	12.052	12.057	-0.005	94	745232	4.00	
* 6 Perylene-d12	264	14.031	14.036	-0.005	96	657539	4.00	
$ 7 2-Fluorophenol	112	4.564	4.430	0.134	87	114628	1.98	
$ 8 Phenol-d5	99	5.398	5.382	0.016	90	149878	2.04	
$ 9 Nitrobenzene-d5	82	6.233	6.227	0.006	85	79236	1.24	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	99	174293	1.29	
$ 11 2,4,6-Tribromophenol	330	9.014	9.014	0.0	90	30276	1.76	
$ 12 Terphenyl-d14	244	10.934	10.934	0.0	96	192017	1.39	
41 Phenol	94		5.393					9
44 Bis(2-chloroethyl)ether	93		5.484					
46 2-Chlorophenol	128		5.532					
47 1,3-Dichlorobenzene	146		5.677					9
48 1,4-Dichlorobenzene	146		5.746					9
49 Benzyl alcohol	108		5.853					9
50 1,2-Dichlorobenzene	146		5.885					
51 2-Methylphenol	108		5.944					9
52 2,2'-oxybis[1-chloropropane]	45		5.976					9
191 3 & 4 Methylphenol	108		6.078					
56 N-Nitrosodi-n-propylamine	70		6.088					
60 Hexachloroethane	117		6.190					9
61 Nitrobenzene	77		6.243					9
63 Isophorone	82		6.452					
65 2-Nitrophenol	139		6.522					9
64 2,4-Dimethylphenol	107		6.548					9
69 Benzoic acid	122		6.618					9
68 Bis(2-chloroethoxy)methane	93		6.634					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.730					
72 1,2,4-Trichlorobenzene	180		6.805					
73 Naphthalene	128		6.875					9
74 4-Chloroaniline	127		6.912					9
77 Hexachlorobutadiene	225		6.976					
84 4-Chloro-3-methylphenol	107		7.313					9
85 2-Methylnaphthalene	142	7.468	7.468	0.0	59	7083	0.0610	
88 Hexachlorocyclopentadiene	237		7.597					
90 2,4,6-Trichlorophenol	196		7.698					
91 2,4,5-Trichlorophenol	196		7.730					
98 2-Chloronaphthalene	162		7.880					
100 2-Nitroaniline	65		7.955					
103 Dimethyl phthalate	163		8.099					9
105 2,6-Dinitrotoluene	165		8.158					
107 Acenaphthylene	152		8.233					
108 3-Nitroaniline	138		8.303					
110 Acenaphthene	153		8.378					
109 2,4-Dinitrophenol	184		8.388					
111 4-Nitrophenol	109		8.426					9
112 2,4-Dinitrotoluene	165		8.495					9
114 Dibenzofuran	168		8.522					
119 Diethyl phthalate	149		8.688					
121 4-Chlorophenyl phenyl ether	204		8.800					
124 Fluorene	166		8.811					9
123 4-Nitroaniline	138		8.816					9
126 4,6-Dinitro-2-methylphenol	198		8.838					
130 N-Nitrosodiphenylamine	169		8.896					
137 4-Bromophenyl phenyl ether	248		9.212					
139 Hexachlorobenzene	284		9.271					
141 Pentachlorophenol	266		9.431					
146 Phenanthrene	178		9.624					
147 Anthracene	178		9.667					
149 Carbazole	167		9.795					9
151 Di-n-butyl phthalate	149		10.057					
157 Fluoranthene	202		10.624					
160 Pyrene	202		10.822					
166 Butyl benzyl phthalate	149		11.389					9
173 3,3'-Dichlorobenzidine	252		11.999					
171 Bis(2-ethylhexyl) phthalate	149		12.020					9
175 Benzo[a]anthracene	228		12.041					9
176 Chrysene	228		12.090					
178 Di-n-octyl phthalate	149		12.881					
180 Benzo[b]fluoranthene	252		13.475					
181 Benzo[k]fluoranthene	252		13.518					
182 Benzo[a]pyrene	252		13.951					
186 Indeno[1,2,3-cd]pyrene	276		15.630					9
187 Dibenz(a,h)anthracene	278		15.657					9
188 Benzo[g,h,i]perylene	276		16.031					9

QC Flag Legend

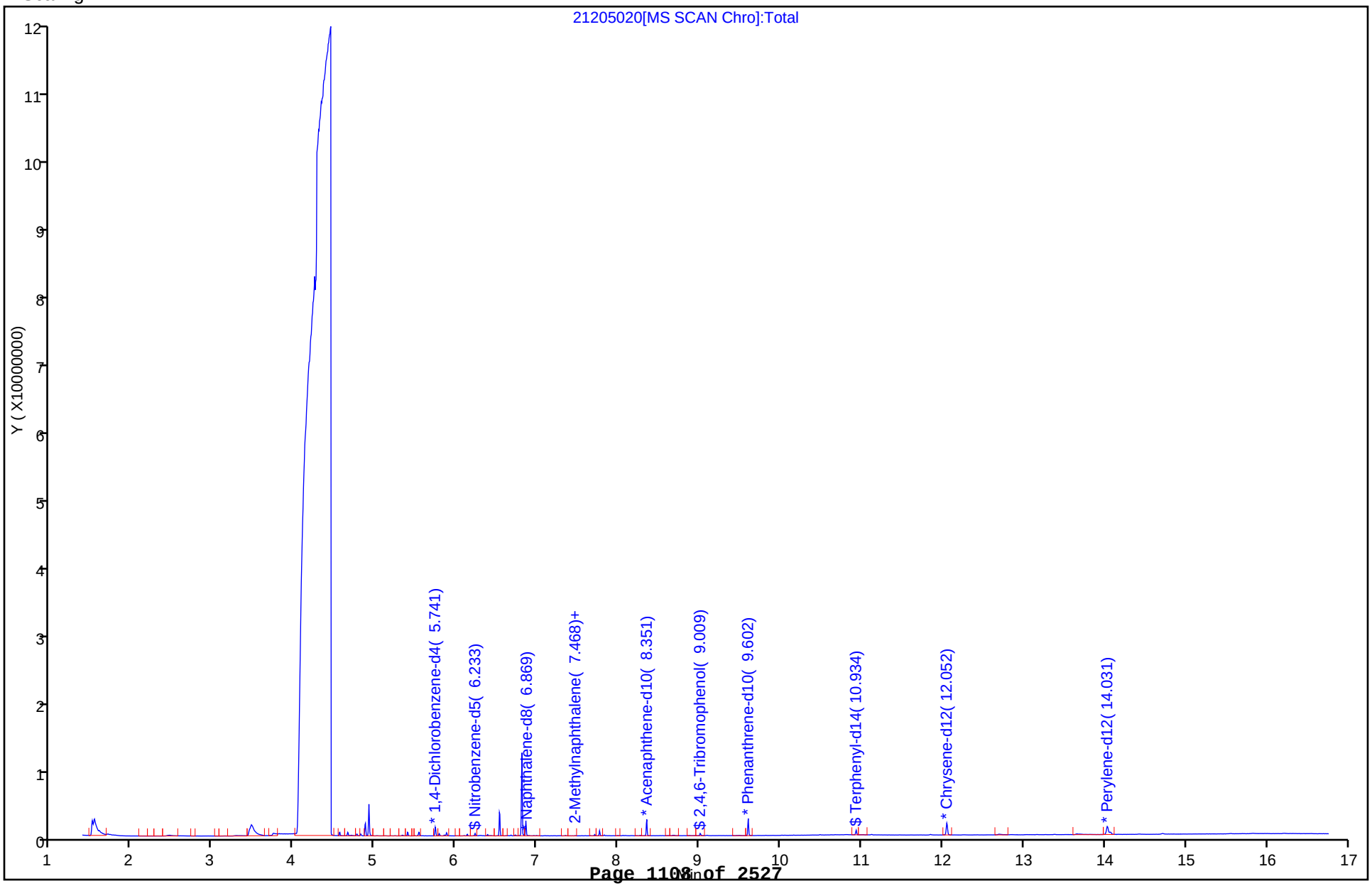
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 06-Dec-2012 08:49:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205020.D		
Injection Date:	05-Dec-2012 16:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0015M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



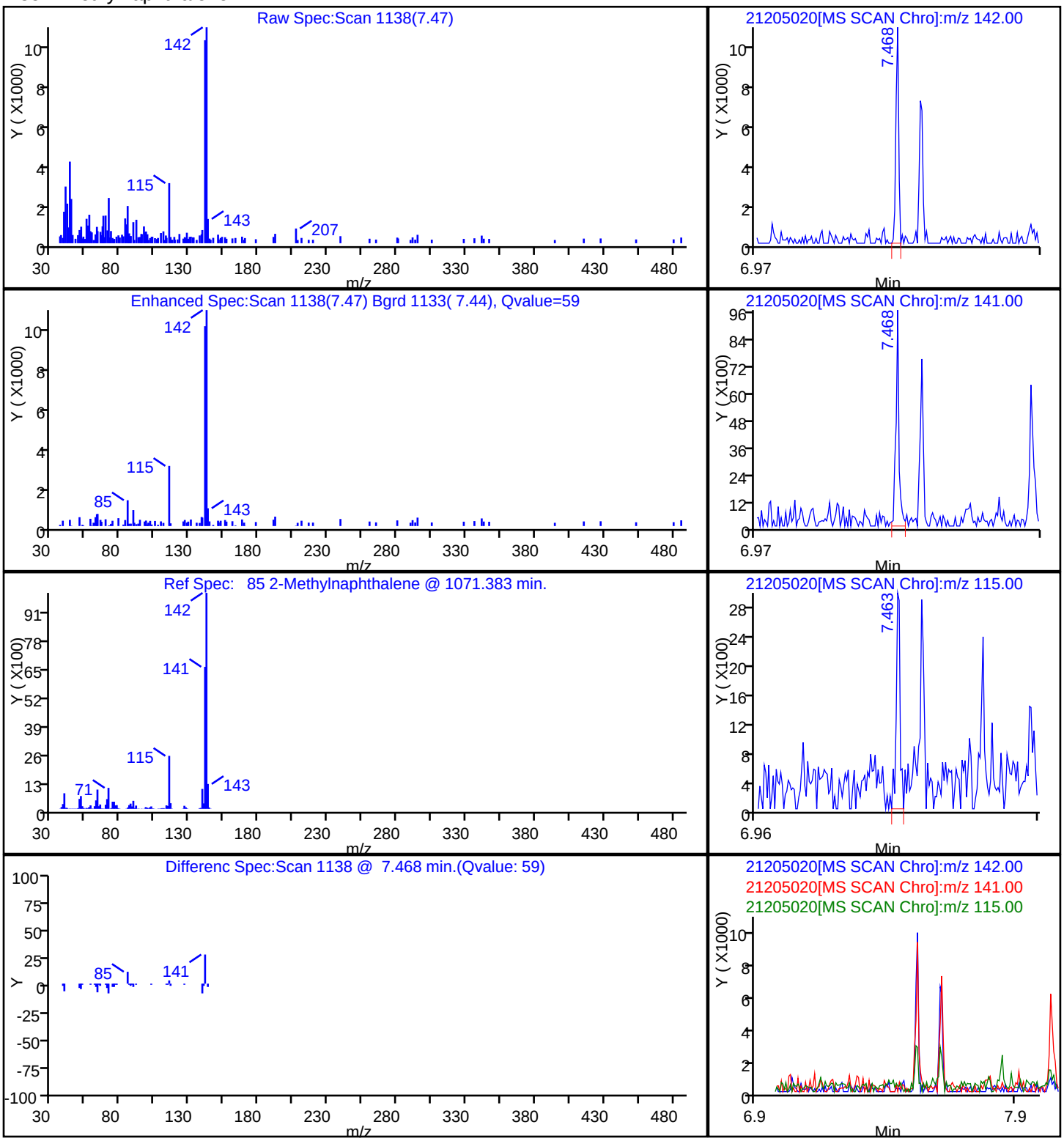
Report Date: 06-Dec-2012 08:49:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205020.D

Injection Date:	05-Dec-2012 16:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0015M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0016M-0001-SO | Lab Sample ID: 240-17768-6

Matrix: Solid | Lab File ID: 21205006.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 11:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 29.99(g) | Date Analyzed: 12/05/2012 11:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	33	U	67	33	33
208-96-8	Acenaphthylene	33	U	67	33	33
120-12-7	Anthracene	33	U	67	33	33
56-55-3	Benzo[a]anthracene	33	U	67	33	33
50-32-8	Benzo[a]pyrene	33	U	67	33	33
205-99-2	Benzo[b]fluoranthene	33	U	67	33	33
191-24-2	Benzo[g,h,i]perylene	33	U	67	33	33
65-85-0	Benzoic acid	3300	U	6600	3300	3300
207-08-9	Benzo[k]fluoranthene	33	U	67	33	33
100-51-6	Benzyl alcohol	270	U	3300	270	210
111-91-1	Bis(2-chloroethoxy)methane	270	U	1000	270	220
111-44-4	Bis(2-chloroethyl)ether	33	U	1000	33	20
108-60-1	bis (2-chloroisopropyl) ether	270	U	1000	270	95
117-81-7	Bis(2-ethylhexyl) phthalate	270	U	500	270	190
101-55-3	4-Bromophenyl phenyl ether	270	U	500	270	130
85-68-7	Butyl benzyl phthalate	270	U	500	270	100
86-74-8	Carbazole	270	U	500	270	270
106-47-8	4-Chloroaniline	270	U J	1500	270	170
59-50-7	4-Chloro-3-methylphenol	270	U	1500	270	210
91-58-7	2-Chloronaphthalene	33	U	500	33	33
95-57-8	2-Chlorophenol	270	U	500	270	270
7005-72-3	4-Chlorophenyl phenyl ether	270	U	500	270	130
218-01-9	Chrysene	33	U	67	33	11
53-70-3	Dibenz(a,h)anthracene	33	U J	67	33	33
132-64-9	Dibenzofuran	33	U	500	33	33
95-50-1	1,2-Dichlorobenzene	270	U	500	270	97
541-73-1	1,3-Dichlorobenzene	270	U	500	270	110
106-46-7	1,4-Dichlorobenzene	270	U	500	270	200
91-94-1	3,3'-Dichlorobenzidine	800	U J	1000	800	180
120-83-2	2,4-Dichlorophenol	270	U	1500	270	200
84-66-2	Diethyl phthalate	270	U	500	270	160
105-67-9	2,4-Dimethylphenol	800	U	1500	800	200
131-11-3	Dimethyl phthalate	270	U	500	270	170
84-74-2	Di-n-butyl phthalate	270	U	500	270	150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0016M-0001-SO | Lab Sample ID: 240-17768-6

Matrix: Solid | Lab File ID: 21205006.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 11:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 29.99(g) | Date Analyzed: 12/05/2012 11:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	800	U	1500	800	800
51-28-5	2,4-Dinitrophenol	800	U	3300	800	800
121-14-2	2,4-Dinitrotoluene	270	U	2000	270	270
606-20-2	2,6-Dinitrotoluene	270	U	2000	270	210
117-84-0	Di-n-octyl phthalate	270	U	500	270	270
206-44-0	Fluoranthene	33	U	67	33	33
86-73-7	Fluorene	33	U	67	33	33
118-74-1	Hexachlorobenzene	33	U	67	33	21
87-68-3	Hexachlorobutadiene	270	U	500	270	270
77-47-4	Hexachlorocyclopentadiene	270	U	3300	270	270
67-72-1	Hexachloroethane	270	U	500	270	90
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	67	33	33
78-59-1	Isophorone	270	U	500	270	130
91-57-6	2-Methylnaphthalene	33	U	67	33	33
95-48-7	2-Methylphenol	800	U	2000	800	800
15831-10-4	3 & 4 Methylphenol	800	U	4000	800	200
91-20-3	Naphthalene	33	U	67	33	33
88-74-4	2-Nitroaniline	270	U	2000	270	91
99-09-2	3-Nitroaniline	800	U	2000	800	160
100-01-6	4-Nitroaniline	270	U J	2000	270	260
98-95-3	Nitrobenzene	33	U	1000	33	22
88-75-5	2-Nitrophenol	270	U	500	270	270
100-02-7	4-Nitrophenol	800	U	3300	800	800
621-64-7	N-Nitrosodi-n-propylamine	270	U	500	270	270
86-30-6	N-Nitrosodiphenylamine	270	U J	500	270	210
87-86-5	Pentachlorophenol	800	U	1500	800	800
85-01-8	Phenanthrene	33	U	67	33	33
108-95-2	Phenol	270	U	500	270	270
129-00-0	Pyrene	33	U	67	33	33
120-82-1	1,2,4-Trichlorobenzene	270	U	500	270	270
95-95-4	2,4,5-Trichlorophenol	270	U	1500	270	250
88-06-2	2,4,6-Trichlorophenol	800	U	1500	800	800

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0016M-0001-SO | Lab Sample ID: 240-17768-6

Matrix: Solid | Lab File ID: 21205006.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 11:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 29.99(g) | Date Analyzed: 12/05/2012 11:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	72		45-105
367-12-4	2-Fluorophenol (Surr)	76		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	66		35-100
4165-62-2	Phenol-d5 (Surr)	77		40-100
1718-51-0	Terphenyl-d14 (Surr)	80		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	62		35-125

Report Date: 06-Dec-2012 08:50:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205006.D
Lims ID: 240-17768-H-6-B Client ID: 70SB-0016M-0001-SO
Inject. Date: 05-Dec-2012 11:06:30 Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 240-0015541-006
Misc. Info.: 240-17768-h-6-b
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 67390 Lims Sample ID: 6
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m
Last Update: 06-Dec-2012 08:49:41 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: XAWRK028

First Level Reviewer: gruberj Date: 05-Dec-2012 11:29:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.735	5.730	0.005	96	169016	4.00	
* 2 Naphthalene-d8	136	6.858	6.859	-0.001	99	646398	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	92	371449	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	97	635694	4.00	
* 5 Chrysene-d12	240	12.052	12.057	-0.005	98	614619	4.00	
* 6 Perylene-d12	264	14.031	14.036	-0.005	95	504100	4.00	
$ 7 2-Fluorophenol	112	4.516	4.430	0.086	90	59533	1.14	
$ 8 Phenol-d5	99	5.393	5.382	0.011	95	76633	1.16	
$ 9 Nitrobenzene-d5	82	6.227	6.227	0.0	89	37403	0.6581	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	98	87212	0.7237	
$ 11 2,4,6-Tribromophenol	330	9.014	9.014	0.0	80	14262	0.9281	
$ 12 Terphenyl-d14	244	10.934	10.934	0.0	97	90858	0.7982	
41 Phenol	94		5.393					9
44 Bis(2-chloroethyl)ether	93		5.484					9
46 2-Chlorophenol	128		5.532					9
47 1,3-Dichlorobenzene	146		5.677					9
48 1,4-Dichlorobenzene	146		5.746					9
49 Benzyl alcohol	108		5.853					9
50 1,2-Dichlorobenzene	146		5.885					
51 2-Methylphenol	108		5.944					9
52 2,2'-oxybis[1-chloropropane]	45		5.976					9
191 3 & 4 Methylphenol	108		6.078					
56 N-Nitrosodi-n-propylamine	70		6.088					9
60 Hexachloroethane	117		6.190					
61 Nitrobenzene	77		6.243					
63 Isophorone	82		6.452					
65 2-Nitrophenol	139		6.522					9
64 2,4-Dimethylphenol	107		6.548					9
69 Benzoic acid	122		6.618					9
68 Bis(2-chloroethoxy)methane	93		6.634					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.730					
72 1,2,4-Trichlorobenzene	180		6.805					
73 Naphthalene	128		6.875					9
74 4-Chloroaniline	127		6.912					9
77 Hexachlorobutadiene	225		6.976					
84 4-Chloro-3-methylphenol	107		7.313					9
85 2-Methylnaphthalene	142		7.468					9
88 Hexachlorocyclopentadiene	237		7.597					
90 2,4,6-Trichlorophenol	196		7.698					
91 2,4,5-Trichlorophenol	196		7.730					
98 2-Chloronaphthalene	162		7.880					
100 2-Nitroaniline	65		7.955					9
103 Dimethyl phthalate	163		8.099					9
105 2,6-Dinitrotoluene	165		8.158					
107 Acenaphthylene	152		8.233					
108 3-Nitroaniline	138		8.303					
110 Acenaphthene	153		8.378					9
109 2,4-Dinitrophenol	184		8.388					
111 4-Nitrophenol	109		8.426					
112 2,4-Dinitrotoluene	165		8.495					
114 Dibenzofuran	168		8.522					9
119 Diethyl phthalate	149		8.688					
121 4-Chlorophenyl phenyl ether	204		8.800					
124 Fluorene	166		8.811					9
123 4-Nitroaniline	138		8.816					
126 4,6-Dinitro-2-methylphenol	198		8.838					
130 N-Nitrosodiphenylamine	169		8.896					
137 4-Bromophenyl phenyl ether	248		9.212					
139 Hexachlorobenzene	284		9.271					
141 Pentachlorophenol	266		9.431					
146 Phenanthrene	178		9.624					
147 Anthracene	178		9.667					
149 Carbazole	167		9.795					9
151 Di-n-butyl phthalate	149		10.057					
157 Fluoranthene	202		10.624					9
160 Pyrene	202		10.822					
166 Butyl benzyl phthalate	149		11.389					
173 3,3'-Dichlorobenzidine	252		11.999					
171 Bis(2-ethylhexyl) phthalate	149		12.020					9
175 Benzo[a]anthracene	228		12.041					
176 Chrysene	228		12.090					
178 Di-n-octyl phthalate	149		12.881					9
180 Benzo[b]fluoranthene	252		13.475					
181 Benzo[k]fluoranthene	252		13.518					
182 Benzo[a]pyrene	252		13.951					
186 Indeno[1,2,3-cd]pyrene	276		15.630					9
187 Dibenz(a,h)anthracene	278		15.657					9
188 Benzo[g,h,i]perylene	276		16.031					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

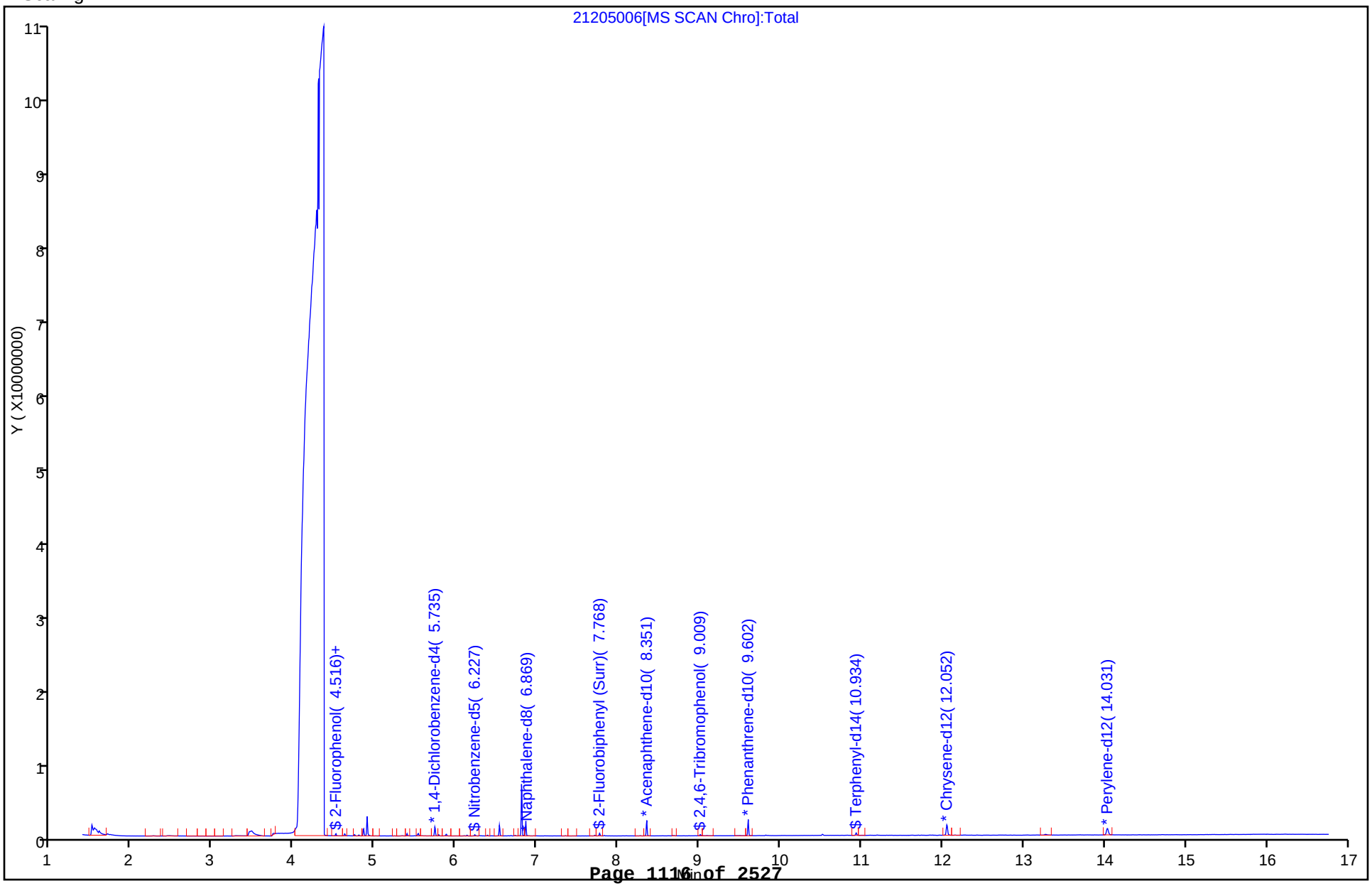
Report Date: 06-Dec-2012 08:50:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205006.D

Injection Date:	05-Dec-2012 11:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0016M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	6
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.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0017M-0001-SO | Lab Sample ID: 240-17768-7

Matrix: Solid | Lab File ID: 21130009.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:15

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.08(g) | Date Analyzed: 11/30/2012 11:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	16	U	33	16	16
208-96-8	Acenaphthylene	16	U	33	16	16
120-12-7	Anthracene	16	U	33	16	16
56-55-3	Benzo[a]anthracene	16	U	33	16	16
50-32-8	Benzo[a]pyrene	16	U	33	16	16
205-99-2	Benzo[b]fluoranthene	16	U	33	16	16
191-24-2	Benzo[g,h,i]perylene	16	U	33	16	16
65-85-0	Benzoic acid	1700	U	3300	1700	1700
207-08-9	Benzo[k]fluoranthene	16	U	33	16	16
100-51-6	Benzyl alcohol	130	U	1600	130	100
111-91-1	Bis(2-chloroethoxy)methane	130	U	500	130	110
111-44-4	Bis(2-chloroethyl)ether	16	U	500	16	10
108-60-1	bis (2-chloroisopropyl) ether	130	U	500	130	47
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	250	130	95
101-55-3	4-Bromophenyl phenyl ether	130	U	250	130	65
85-68-7	Butyl benzyl phthalate	130	U	250	130	50
86-74-8	Carbazole	130	U	250	130	130
106-47-8	4-Chloroaniline	130	U	750	130	85
59-50-7	4-Chloro-3-methylphenol	130	U	750	130	100
91-58-7	2-Chloronaphthalene	16	U	250	16	16
95-57-8	2-Chlorophenol	130	U	250	130	130
7005-72-3	4-Chlorophenyl phenyl ether	130	U	250	130	65
218-01-9	Chrysene	16	U	33	16	5.5
53-70-3	Dibenz(a,h)anthracene	16	U	33	16	16
132-64-9	Dibenzofuran	16	U	250	16	16
95-50-1	1,2-Dichlorobenzene	130	U	250	130	48
541-73-1	1,3-Dichlorobenzene	130	U	250	130	55
106-46-7	1,4-Dichlorobenzene	130	U	250	130	100
91-94-1	3,3'-Dichlorobenzidine	400	U	500	400	90
120-83-2	2,4-Dichlorophenol	130	U	750	130	100
84-66-2	Diethyl phthalate	130	U	250	130	80
105-67-9	2,4-Dimethylphenol	400	U	750	400	100
131-11-3	Dimethyl phthalate	130	U	250	130	85
84-74-2	Di-n-butyl phthalate	130	U	250	130	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0017M-0001-SO | Lab Sample ID: 240-17768-7

Matrix: Solid | Lab File ID: 21130009.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:15

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.08(g) | Date Analyzed: 11/30/2012 11:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	400	U	750	400	400
51-28-5	2,4-Dinitrophenol	400	U	1600	400	400
121-14-2	2,4-Dinitrotoluene	130	U	1000	130	130
606-20-2	2,6-Dinitrotoluene	130	U	1000	130	100
117-84-0	Di-n-octyl phthalate	130	U	250	130	130
206-44-0	Fluoranthene	16	U	33	16	16
86-73-7	Fluorene	16	U	33	16	16
118-74-1	Hexachlorobenzene	16	U	33	16	10
87-68-3	Hexachlorobutadiene	130	U	250	130	130
77-47-4	Hexachlorocyclopentadiene	130	U	1600	130	130
67-72-1	Hexachloroethane	130	U	250	130	45
193-39-5	Indeno[1,2,3-cd]pyrene	16	U	33	16	16
78-59-1	Isophorone	130	U	250	130	65
91-57-6	2-Methylnaphthalene	16	U	33	16	16
95-48-7	2-Methylphenol	400	U	1000	400	400
15831-10-4	3 & 4 Methylphenol	400	U	2000	400	100
91-20-3	Naphthalene	16	U	33	16	16
88-74-4	2-Nitroaniline	130	U	1000	130	45
99-09-2	3-Nitroaniline	400	U	1000	400	80
100-01-6	4-Nitroaniline	130	U	1000	130	130
98-95-3	Nitrobenzene	16	U	500	16	11
88-75-5	2-Nitrophenol	130	U	250	130	130
100-02-7	4-Nitrophenol	400	U	1600	400	400
621-64-7	N-Nitrosodi-n-propylamine	130	U	250	130	130
86-30-6	N-Nitrosodiphenylamine	130	U	250	130	100
87-86-5	Pentachlorophenol	400	U	750	400	400
85-01-8	Phenanthrene	16	U	33	16	16
108-95-2	Phenol	130	U	250	130	130
129-00-0	Pyrene	16	U	33	16	16
120-82-1	1,2,4-Trichlorobenzene	130	U	250	130	130
95-95-4	2,4,5-Trichlorophenol	130	U	750	130	120
88-06-2	2,4,6-Trichlorophenol	400	U	750	400	400

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0017M-0001-SO | Lab Sample ID: 240-17768-7

Matrix: Solid | Lab File ID: 21130009.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:15

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.08(g) | Date Analyzed: 11/30/2012 11:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	62		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	60		35-100
4165-62-2	Phenol-d5 (Surr)	64		40-100
1718-51-0	Terphenyl-d14 (Surr)	73		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	63		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130009.D		
Lims ID:	240-17768-H-7-E	Client ID:	70SB-0017M-0001-SO
Inject. Date:	30-Nov-2012 11:34:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0015418-009		
Misc. Info.:	240-17768-h-7-e		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	66878	Lims Sample ID:	9
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m		
Last Update:	03-Dec-2012 10:35:45	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:	XAWRK014		

First Level Reviewer: gruberj Date: 30-Nov-2012 13:38:21

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.778	5.778	0.0	97	142718	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	99	550645	4.00	
* 3 Acenaphthene-d10	164	8.398	8.399	-0.001	91	315063	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	97	539798	4.00	
* 5 Chrysene-d12	240	12.126	12.132	-0.006	98	540563	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	92	491076	4.00	
$ 7 2-Fluorophenol	112	4.521	4.494	0.027	89	85855	1.95	
$ 8 Phenol-d5	99	5.430	5.425	0.005	91	106778	1.91	
$ 9 Nitrobenzene-d5	82	6.270	6.270	0.0	89	57884	1.20	
$ 10 2-Fluorobiphenyl (Surr)	172	7.815	7.816	-0.001	99	126576	1.24	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	83	24450	1.88	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	146886	1.47	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					
46 2-Chlorophenol	128		5.585					
47 1,3-Dichlorobenzene	146		5.724					9
48 1,4-Dichlorobenzene	146		5.794					9
49 Benzyl alcohol	108		5.895					9
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					9
52 2,2'-oxybis[1-chloropropane]	45		6.019					9
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					9
60 Hexachloroethane	117		6.238					9
61 Nitrobenzene	77		6.291					
63 Isophorone	82		6.495					9
65 2-Nitrophenol	139		6.569					9
64 2,4-Dimethylphenol	107		6.591					
69 Benzoic acid	122		6.660					9
68 Bis(2-chloroethoxy)methane	93		6.676					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128		6.922					9
74 4-Chloroaniline	127		6.960					9
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					9
85 2-Methylnaphthalene	142		7.511					
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					
91 2,4,5-Trichlorophenol	196		7.778					
98 2-Chloronaphthalene	162		7.928					
100 2-Nitroaniline	65		8.003					
103 Dimethyl phthalate	163		8.147					9
105 2,6-Dinitrotoluene	165		8.201					
107 Acenaphthylene	152		8.281					
108 3-Nitroaniline	138		8.351					
110 Acenaphthene	153		8.425					9
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					9
112 2,4-Dinitrotoluene	165		8.543					
114 Dibenzofuran	168		8.570					9
119 Diethyl phthalate	149		8.736					9
121 4-Chlorophenyl phenyl ether	204		8.848					
124 Fluorene	166		8.859					9
123 4-Nitroaniline	138		8.864					
126 4,6-Dinitro-2-methylphenol	198		8.885					
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					
146 Phenanthrene	178		9.672					9
147 Anthracene	178		9.714					9
149 Carbazole	167		9.843					9
151 Di-n-butyl phthalate	149		10.105					
157 Fluoranthene	202		10.677					9
160 Pyrene	202		10.875					
166 Butyl benzyl phthalate	149		11.447					
173 3,3'-Dichlorobenzidine	252		12.068					9
171 Bis(2-ethylhexyl) phthalate	149		12.089					9
175 Benzo[a]anthracene	228		12.116					
176 Chrysene	228		12.164					
178 Di-n-octyl phthalate	149		12.961					9
180 Benzo[b]fluoranthene	252		13.565					
181 Benzo[k]fluoranthene	252		13.608					
182 Benzo[a]pyrene	252		14.052					
186 Indeno[1,2,3-cd]pyrene	276		15.742					9
187 Dibenz(a,h)anthracene	278		15.769					9
188 Benzo[g,h,i]perylene	276		16.154					

QC Flag Legend

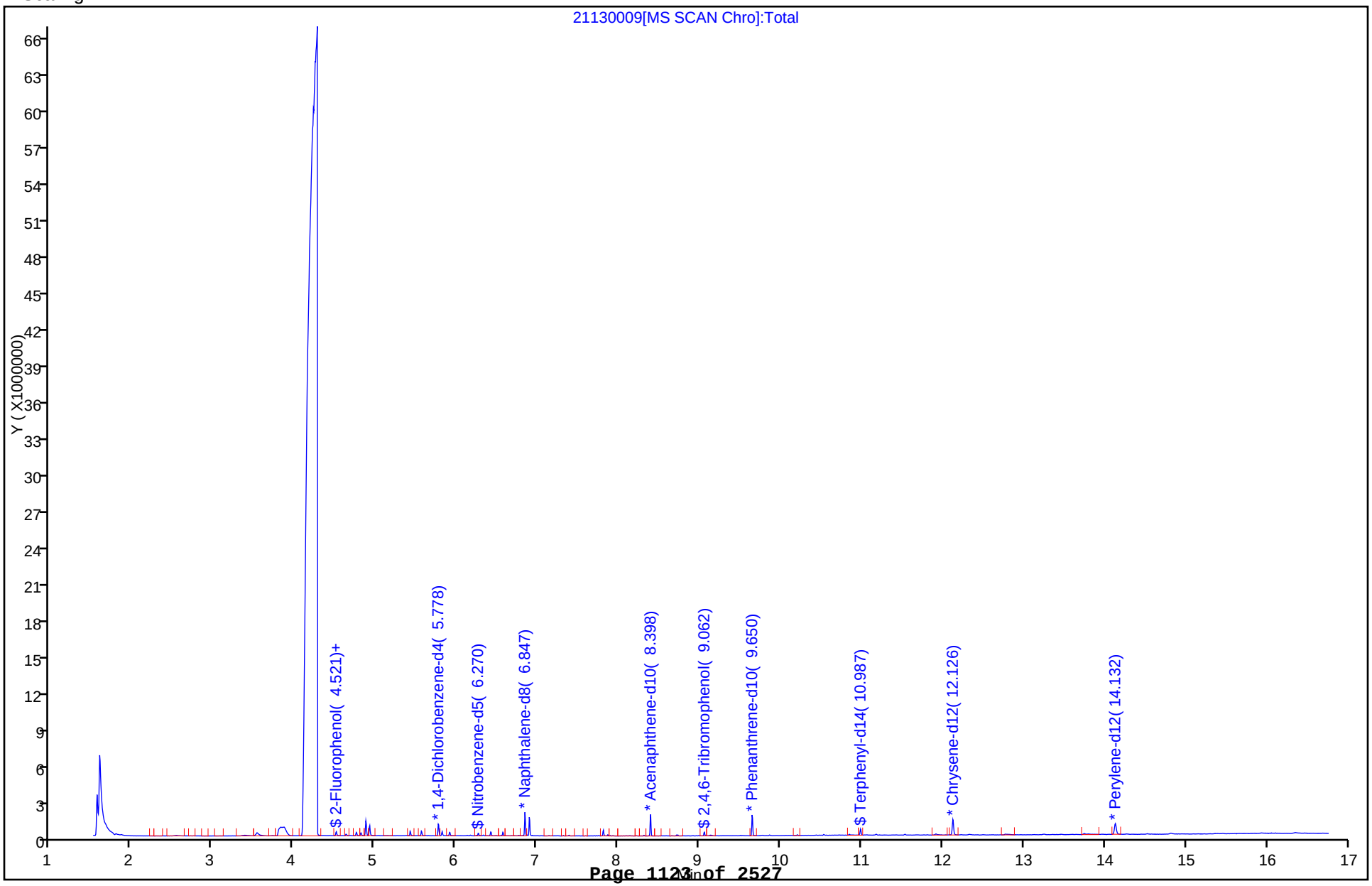
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 03-Dec-2012 10:35:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130009.D		
Injection Date:	30-Nov-2012 11:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	70SB-0017M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	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.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0037M-0001-SO | Lab Sample ID: 240-17768-9

Matrix: Solid | Lab File ID: 21130020.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.66(g) | Date Analyzed: 11/30/2012 15:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | 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	8.7		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	23		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	27		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	29		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	13		6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	670	340	340
207-08-9	Benzo[k]fluoranthene	7.7	M	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	34	J B	51	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	51	27	13
85-68-7	Butyl benzyl phthalate	27	U	51	27	10
86-74-8	Carbazole	27	U	51	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	51	3.3	3.3
95-57-8	2-Chlorophenol	27	U	51	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	51	27	13
218-01-9	Chrysene	21		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	6.3	J	51	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	51	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	51	27	11
106-46-7	1,4-Dichlorobenzene	27	U	51	27	20
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	51	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	51	27	17
84-74-2	Di-n-butyl phthalate	27	U	51	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0037M-0001-SO | Lab Sample ID: 240-17768-9

Matrix: Solid | Lab File ID: 21130020.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.66(g) | Date Analyzed: 11/30/2012 15:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	51	27	27
206-44-0	Fluoranthene	53		6.7	3.3	3.3
86-73-7	Fluorene	6.2	J	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	51	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	51	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	16		6.7	3.3	3.3
78-59-1	Isophorone	27	U	51	27	13
91-57-6	2-Methylnaphthalene	9.4		6.7	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	400	81	20
91-20-3	Naphthalene	10		6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	51	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	51	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	51	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	45		6.7	3.3	3.3
108-95-2	Phenol	27	U	51	27	27
129-00-0	Pyrene	38		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	51	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0037M-0001-SO | Lab Sample ID: 240-17768-9

Matrix: Solid | Lab File ID: 21130020.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.66(g) | Date Analyzed: 11/30/2012 15:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	55		45-105
367-12-4	2-Fluorophenol (Surr)	58		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)	72		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	70		35-125

Report Date: 03-Dec-2012 10:36:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130020.D		
Lims ID:	240-17768-E-9-D	Client ID:	076SB-0037M-0001-SO
Inject. Date:	30-Nov-2012 15:51:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015418-020		
Misc. Info.:	240-17768-e-9-d		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	66878	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m		
Last Update:	03-Dec-2012 10:35:45	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:	XAWRK014		

First Level Reviewer: gruberj Date: 03-Dec-2012 10:32:41

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.783	5.778	0.005	96	128609	4.00	
* 2 Naphthalene-d8	136	6.906	6.901	0.005	99	488811	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	91	283912	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	98	496258	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.005	97	517688	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	91	465426	4.00	
$ 7 2-Fluorophenol	112	4.564	4.494	0.070	93	346864	8.73	
$ 8 Phenol-d5	99	5.435	5.425	0.010	96	456421	9.04	
$ 9 Nitrobenzene-d5	82	6.275	6.270	0.005	86	244158	5.68	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	99	509919	5.54	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	90	123223	10.5	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	688440	7.18	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					
46 2-Chlorophenol	128		5.585					9
47 1,3-Dichlorobenzene	146		5.724					9
48 1,4-Dichlorobenzene	146		5.794					9
49 Benzyl alcohol	108		5.895					9
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					9
52 2,2'-oxybis[1-chloropropane]	45		6.019					
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					9
60 Hexachloroethane	117		6.238					9
61 Nitrobenzene	77		6.291					9
63 Isophorone	82		6.495					
65 2-Nitrophenol	139		6.569					9
64 2,4-Dimethylphenol	107		6.591					9
69 Benzoic acid	122		6.660					9
68 Bis(2-chloroethoxy)methane	93		6.676					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128	6.922	6.922	0.0	29	18570	0.1520	
74 4-Chloroaniline	127		6.960					9
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					9
85 2-Methylnaphthalene	142	7.511	7.511	0.0	72	10842	0.1388	
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					
91 2,4,5-Trichlorophenol	196		7.778					
98 2-Chloronaphthalene	162		7.928					
100 2-Nitroaniline	65		8.003					9
103 Dimethyl phthalate	163		8.147					9
105 2,6-Dinitrotoluene	165		8.201					
107 Acenaphthylene	152		8.281					
108 3-Nitroaniline	138		8.351					9
110 Acenaphthene	153		8.425					
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					9
112 2,4-Dinitrotoluene	165		8.543					9
114 Dibenzofuran	168	8.570	8.570	0.0	65	10757	0.0931	
119 Diethyl phthalate	149	8.730	8.736	-0.006	69	10091	0.1158	
121 4-Chlorophenyl phenyl ether	204		8.848					
124 Fluorene	166	8.859	8.859	0.0	76	8473	0.0913	
123 4-Nitroaniline	138		8.864					9
126 4,6-Dinitro-2-methylphenol	198		8.885					
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					
146 Phenanthrene	178	9.672	9.672	0.0	93	90106	0.6646	
147 Anthracene	178	9.714	9.714	0.0	85	17416	0.1293	
149 Carbazole	167		9.843					
151 Di-n-butyl phthalate	149	10.105	10.105	0.0	72	17626	0.1199	
157 Fluoranthene	202	10.682	10.677	0.005	94	117994	0.7881	
160 Pyrene	202	10.875	10.875	0.0	97	93340	0.5651	
166 Butyl benzyl phthalate	149		11.447					9
173 3,3'-Dichlorobenzidine	252		12.068					
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	83	29345	0.5003	
175 Benzo[a]anthracene	228	12.116	12.116	0.0	82	48921	0.3386	
176 Chrysene	228	12.164	12.164	0.0	60	43511	0.3160	
178 Di-n-octyl phthalate	149		12.961					
180 Benzo[b]fluoranthene	252	13.571	13.565	0.006	91	63556	0.4281	
181 Benzo[k]fluoranthene	252	13.603	13.608	-0.005	96	18484	0.1146	M
182 Benzo[a]pyrene	252	14.047	14.052	-0.005	59	42361	0.3951	
186 Indeno[1,2,3-cd]pyrene	276	15.742	15.742	0.0	79	26532	0.2417	
187 Dibenz(a,h)anthracene	278		15.769					
188 Benzo[g,h,i]perylene	276	16.149	16.154	-0.005	64	25158	0.1888	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

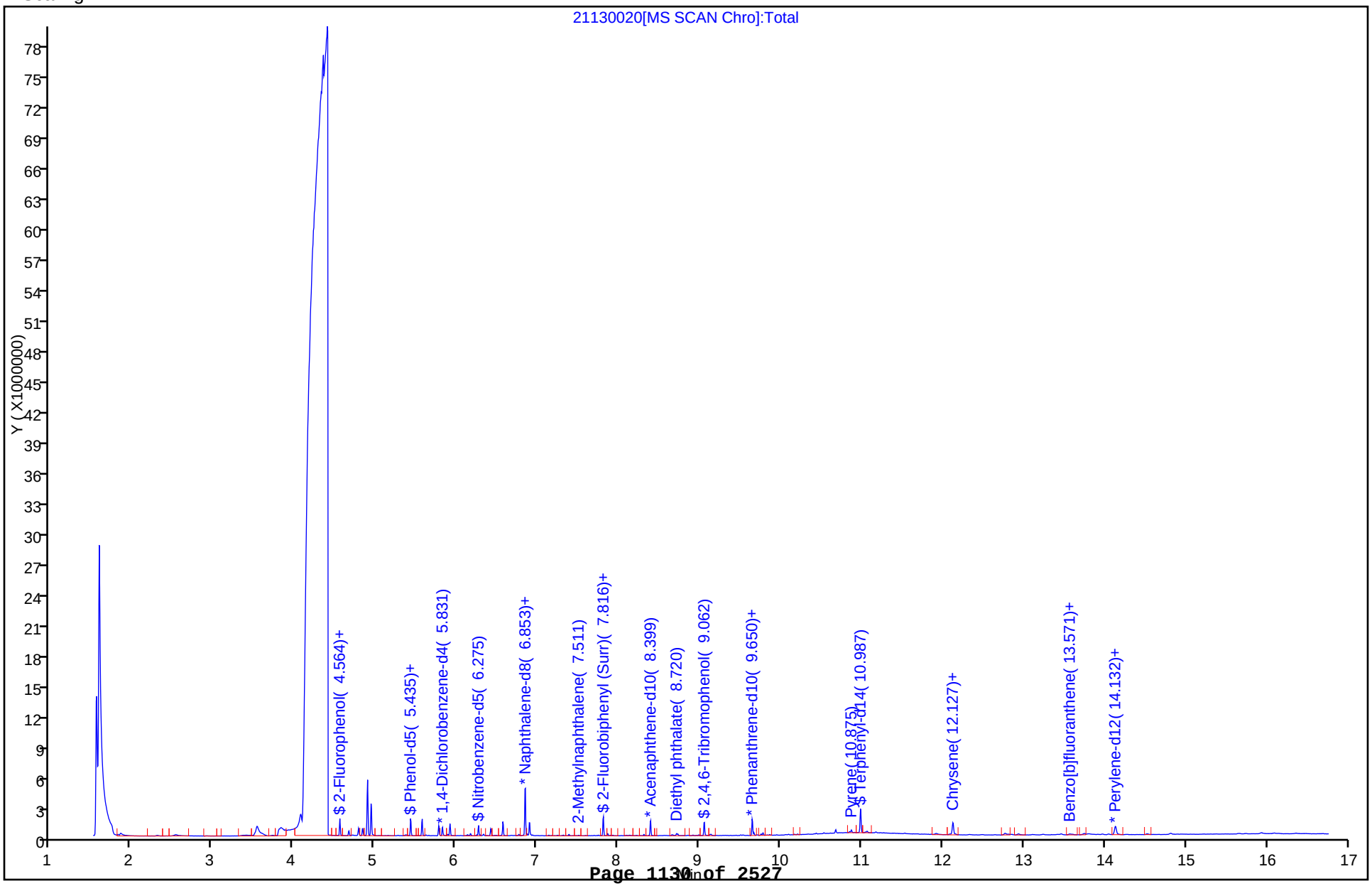
Review Flags
M - Manually Integrated

Report Date: 03-Dec-2012 10:36:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130020.D		
Injection Date:	30-Nov-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Report Date: 03-Dec-2012 10:36:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130020.D		
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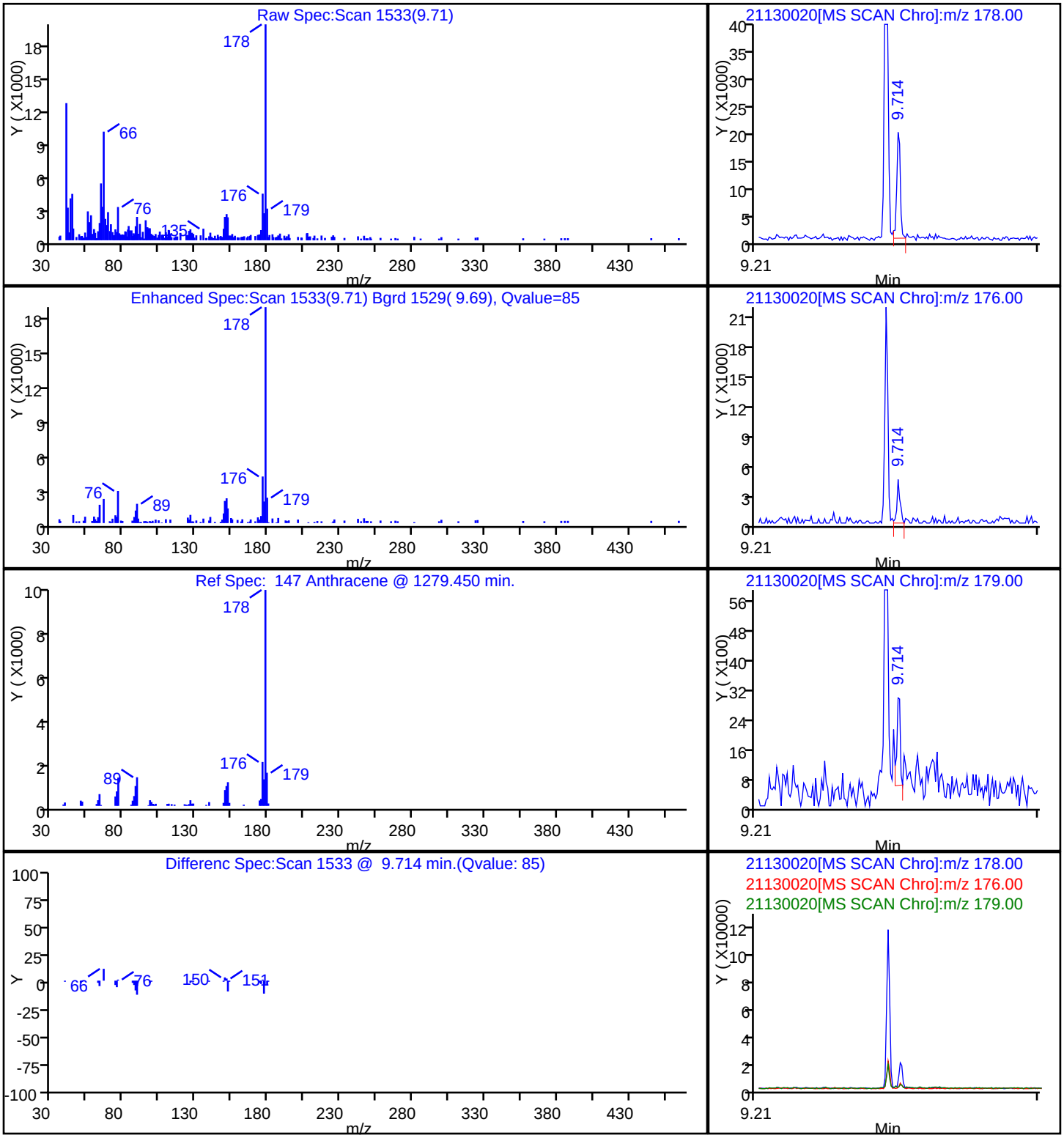
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



Report Date: 03-Dec-2012 10:36:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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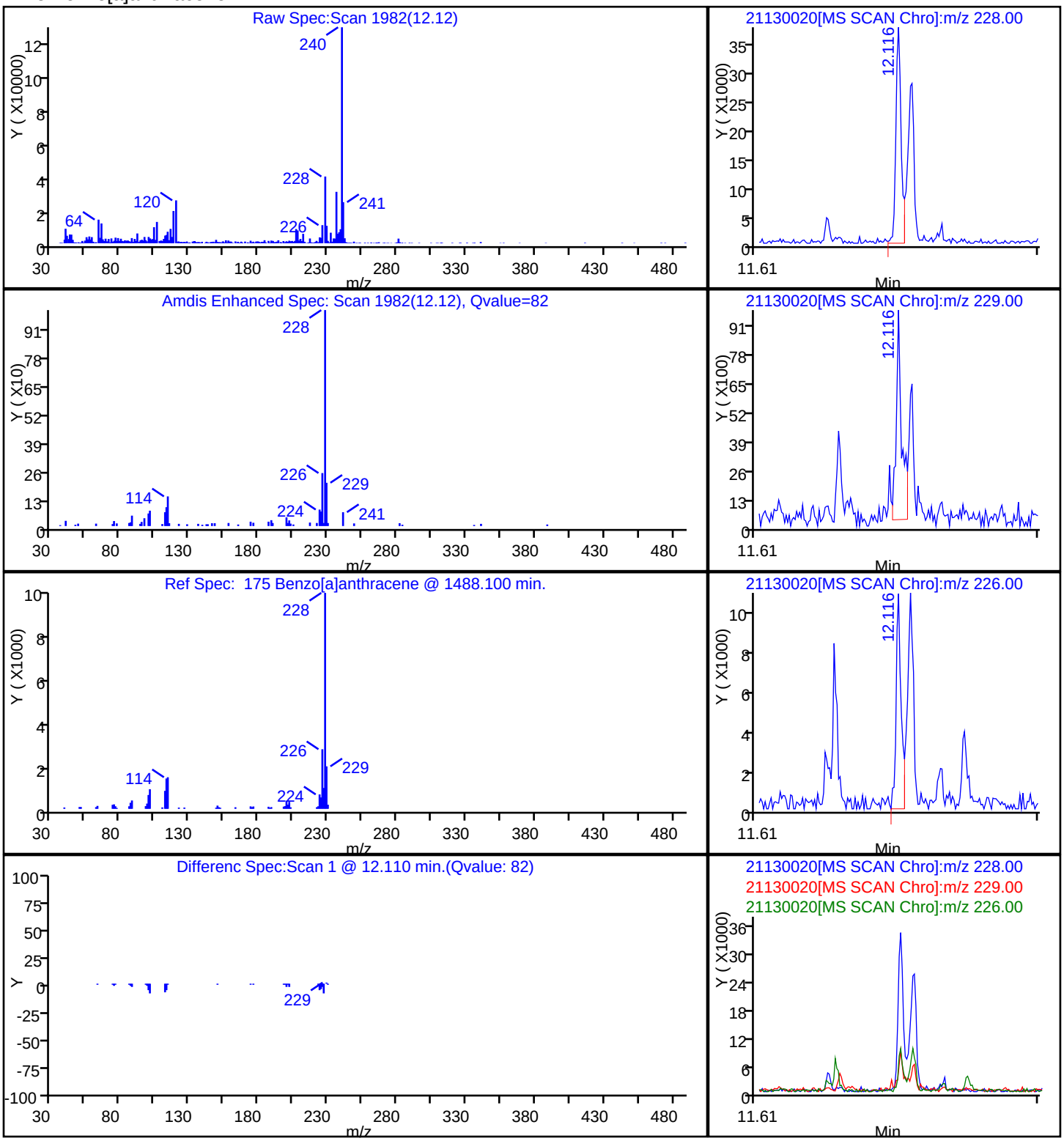
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



Report Date: 03-Dec-2012 10:36:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130020.D		
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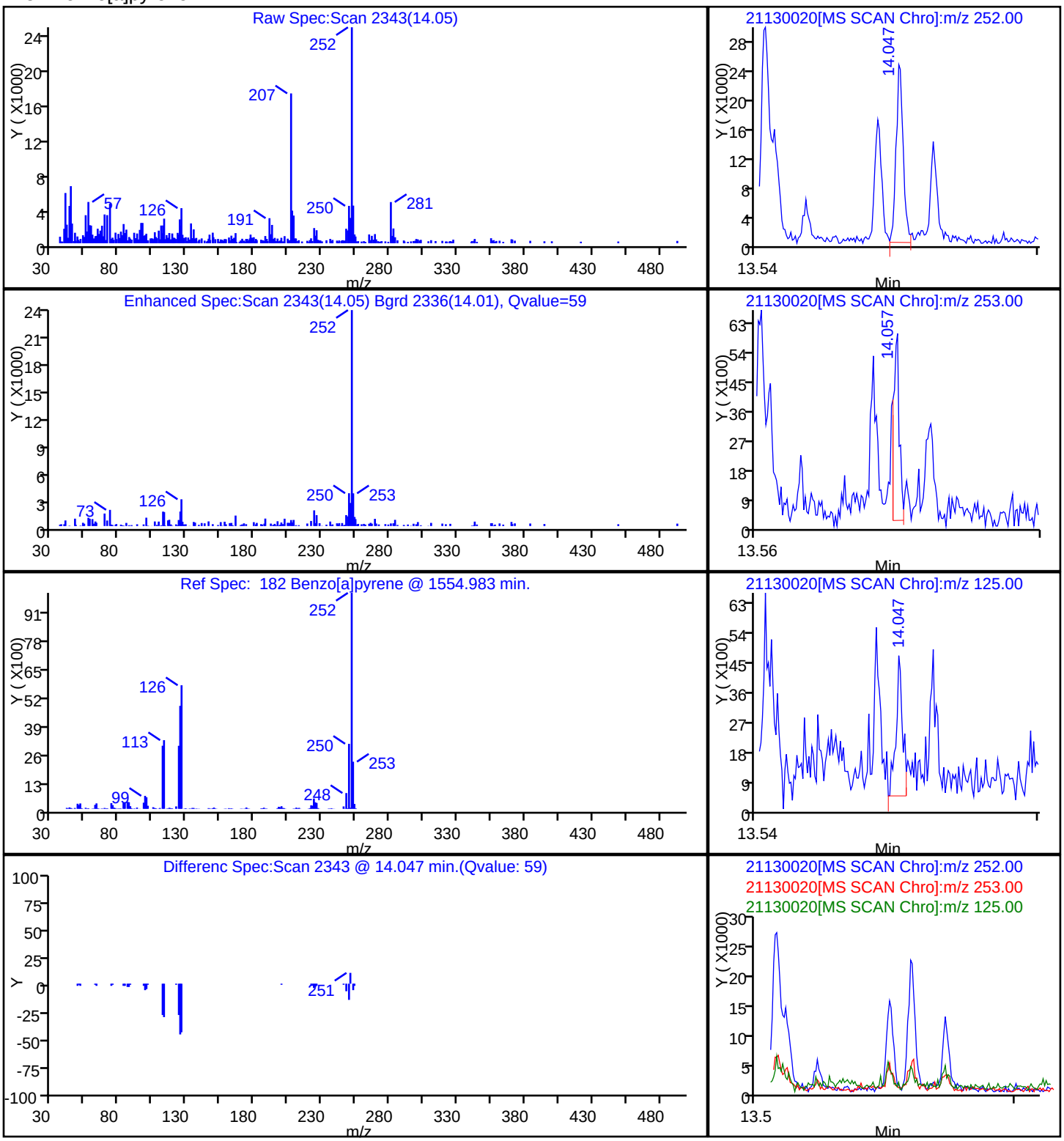
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



Report Date: 03-Dec-2012 10:36:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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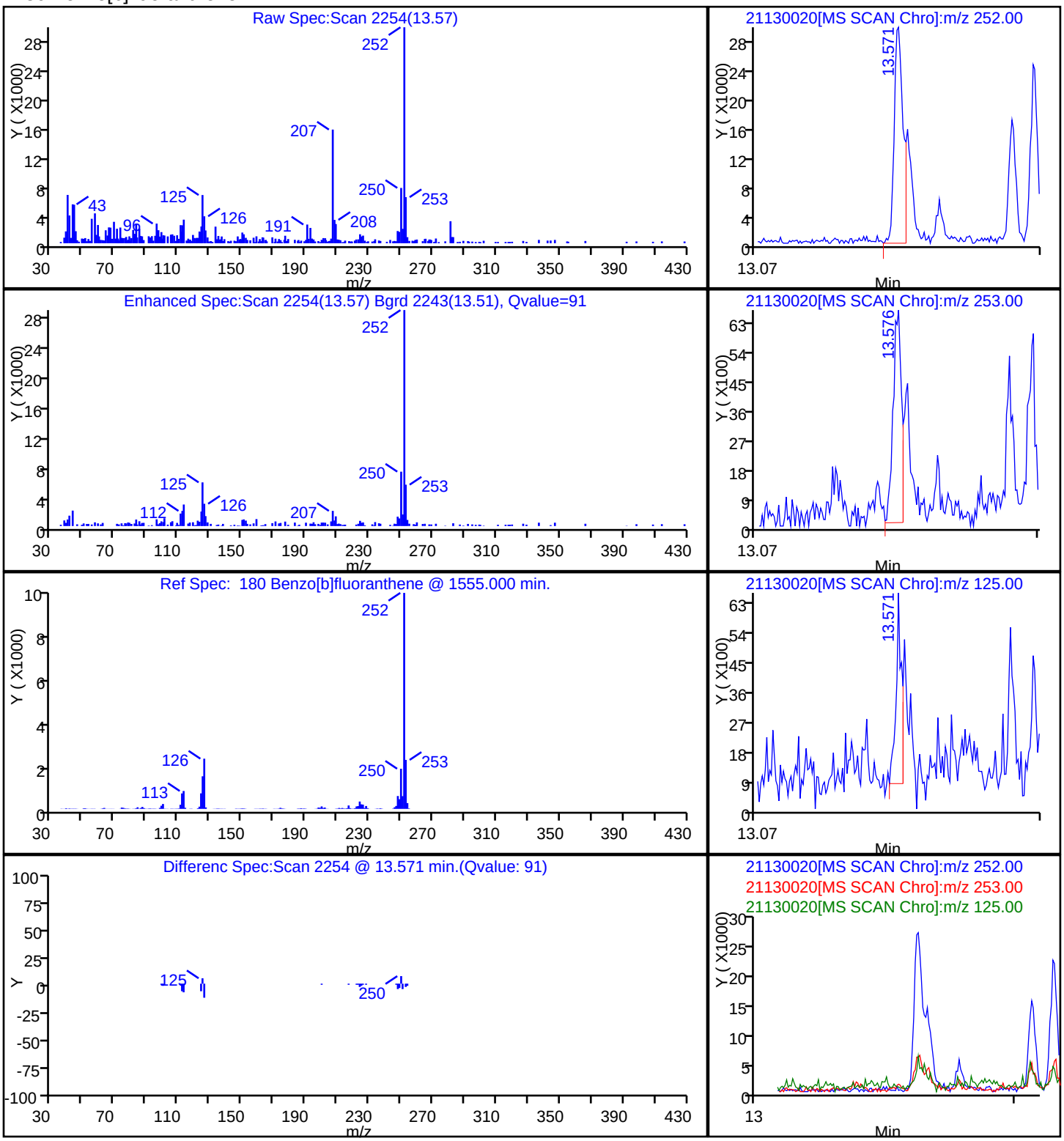
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



Report Date: 03-Dec-2012 10:36:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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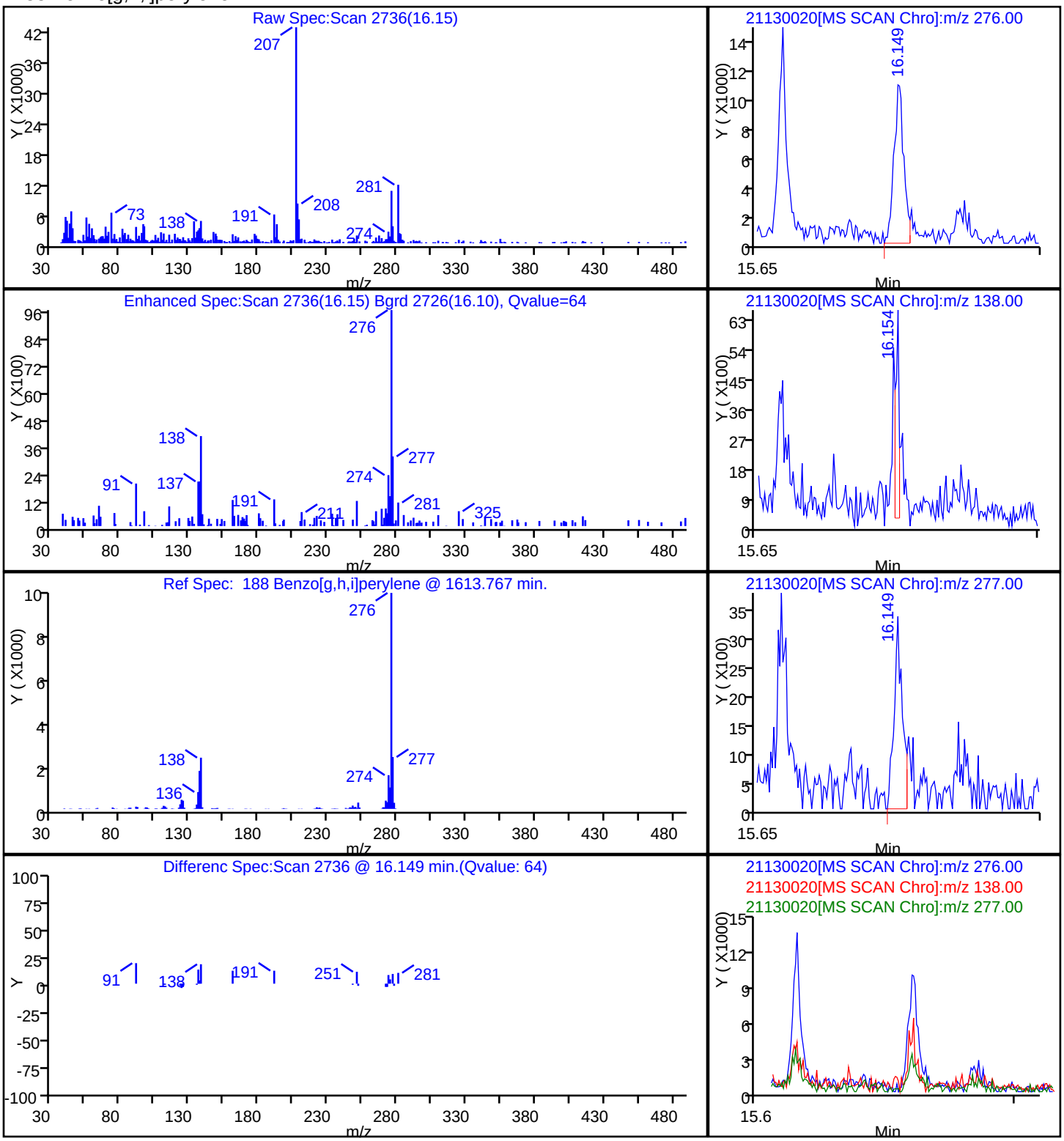
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



Report Date: 03-Dec-2012 10:36:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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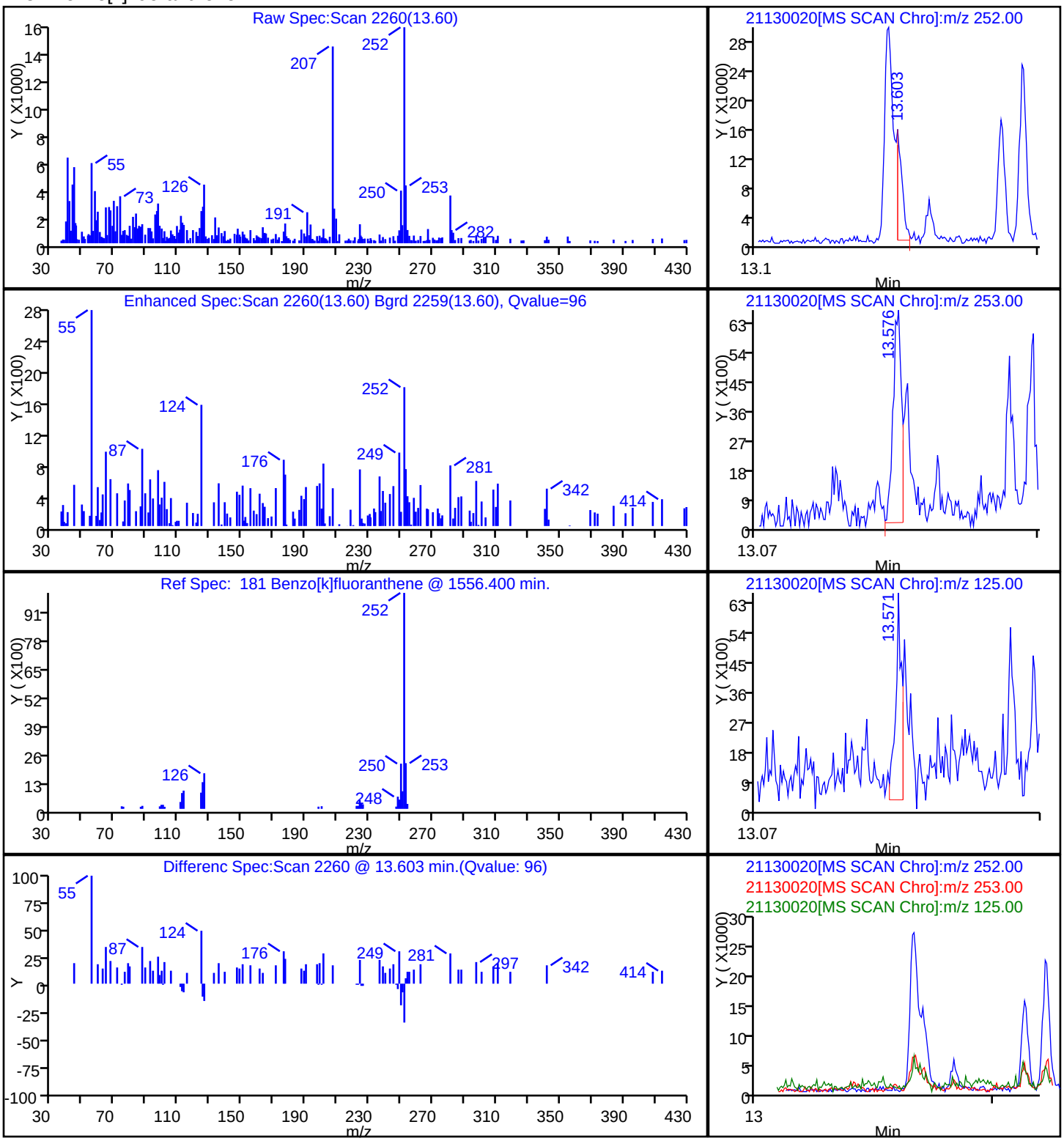
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



Report Date: 03-Dec-2012 10:36:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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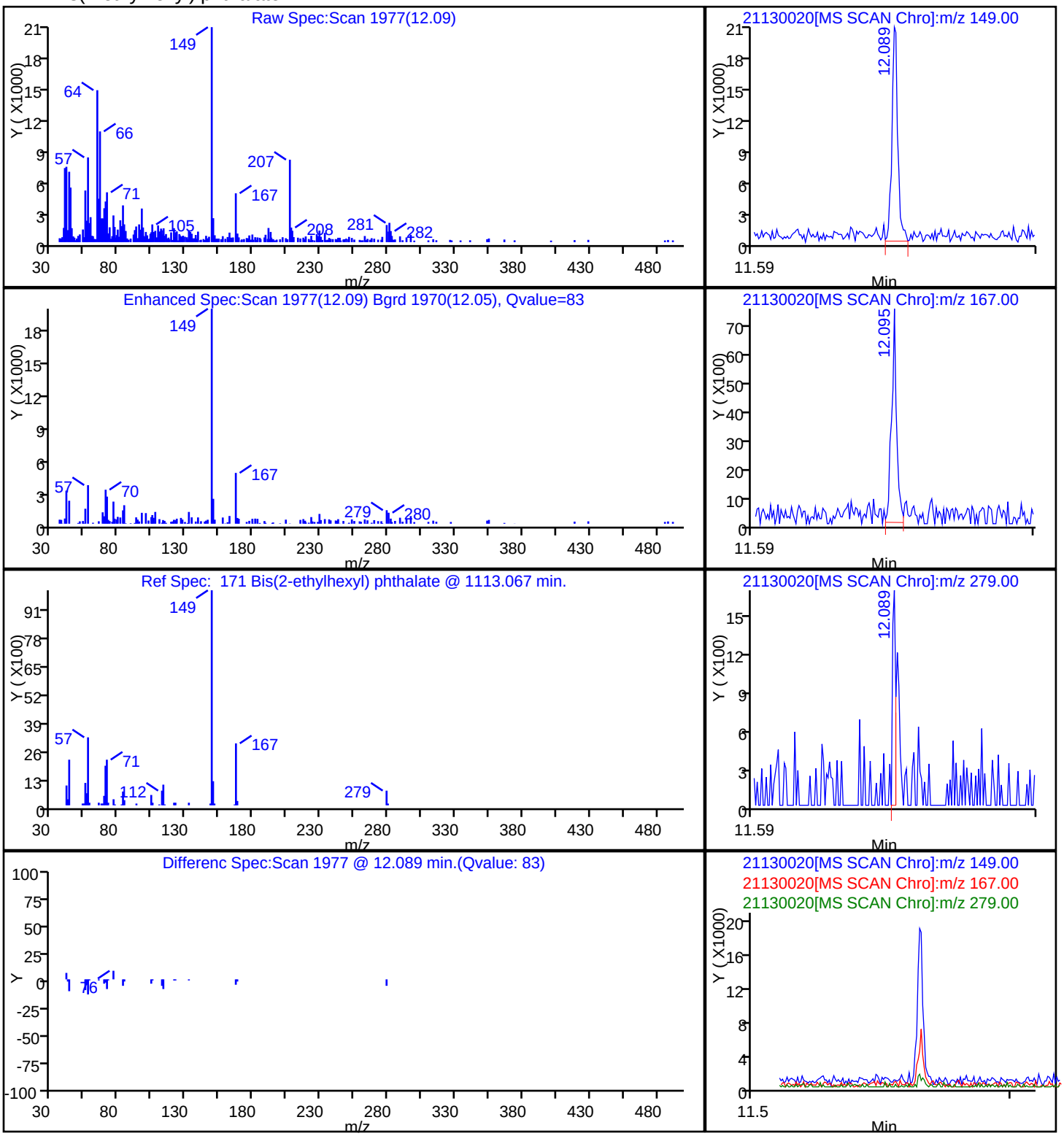
Injection Date:	30-Nov-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



Report Date: 03-Dec-2012 10:36:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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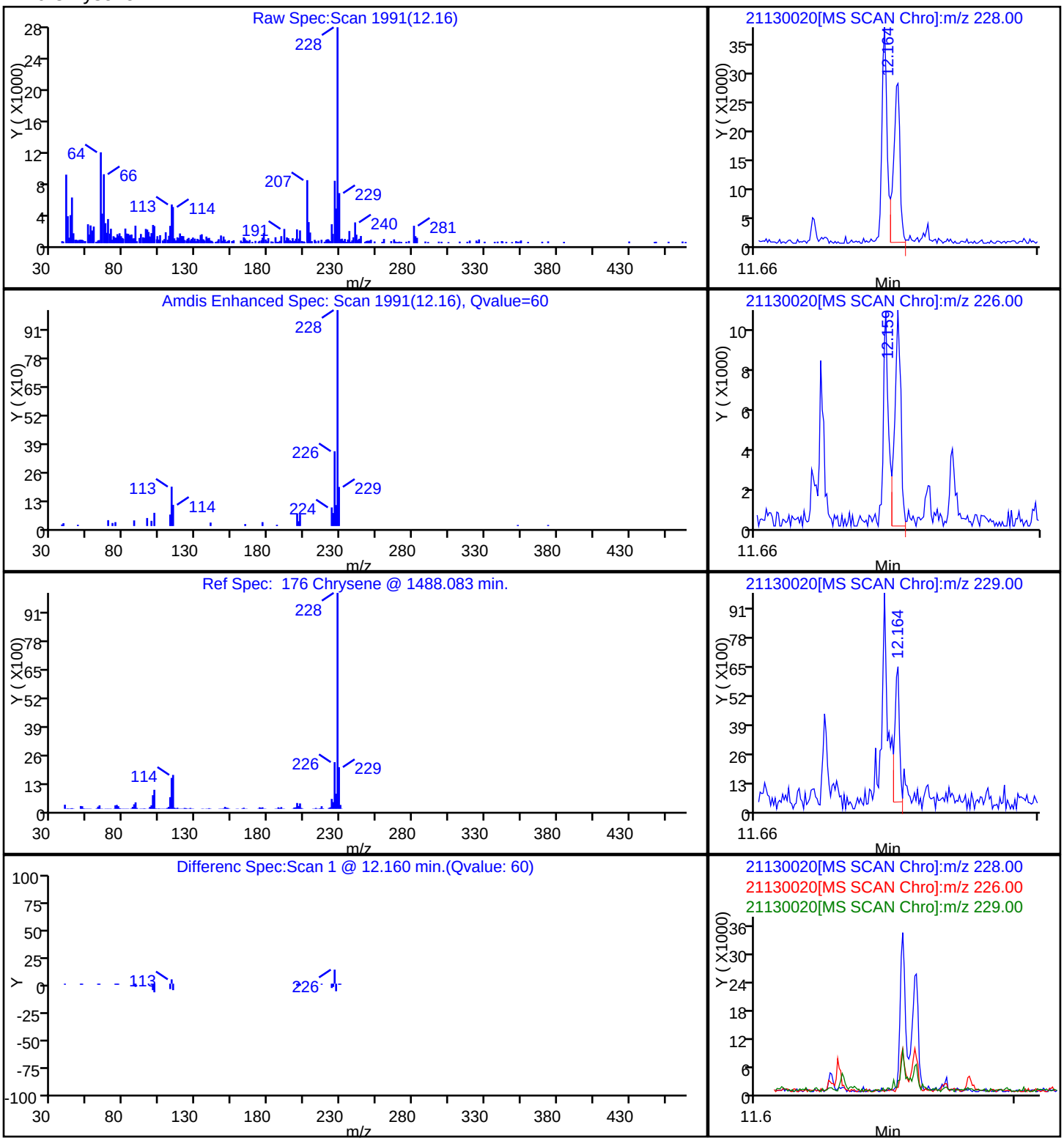
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



Report Date: 03-Dec-2012 10:36:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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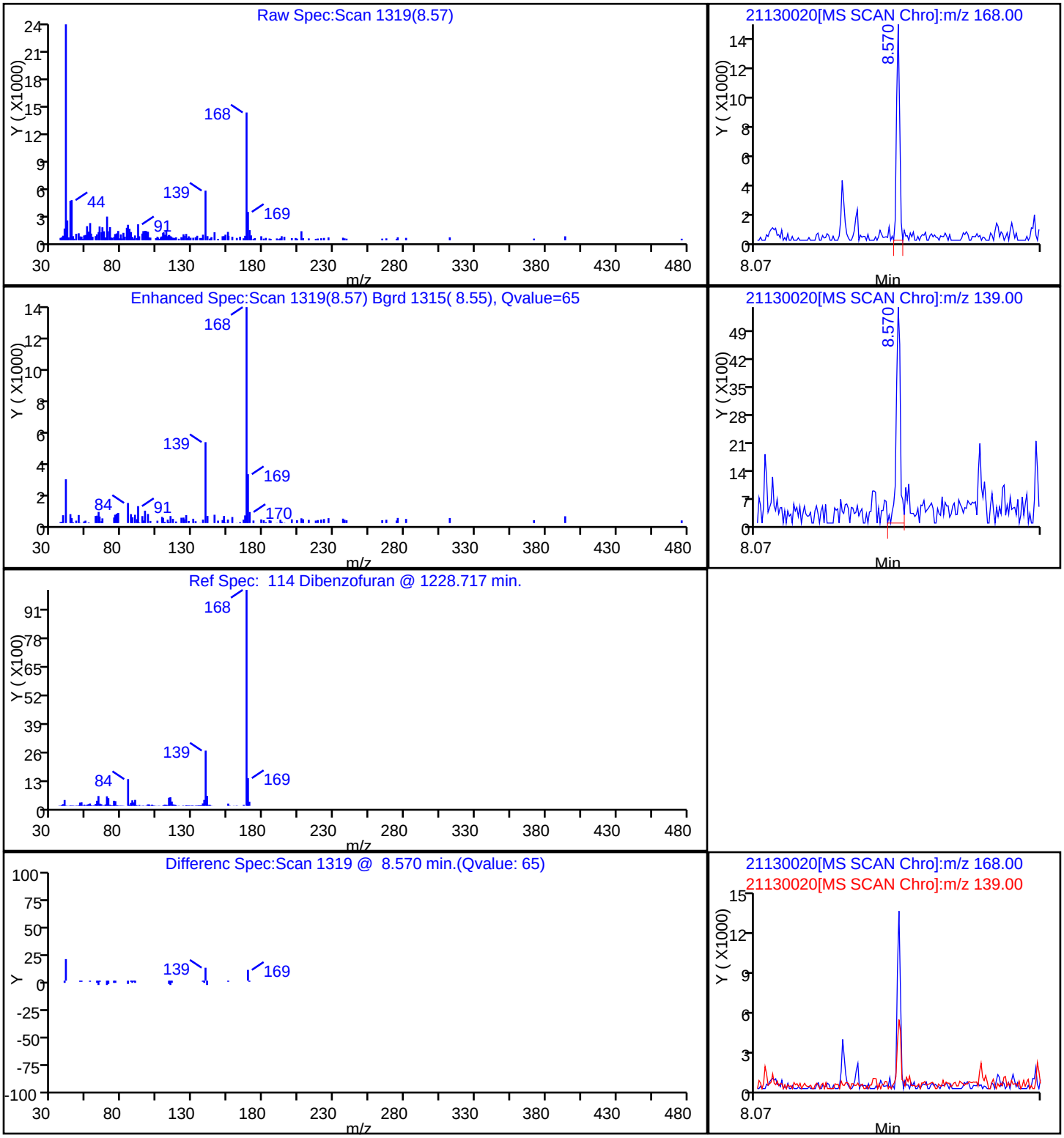
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



Report Date: 03-Dec-2012 10:36:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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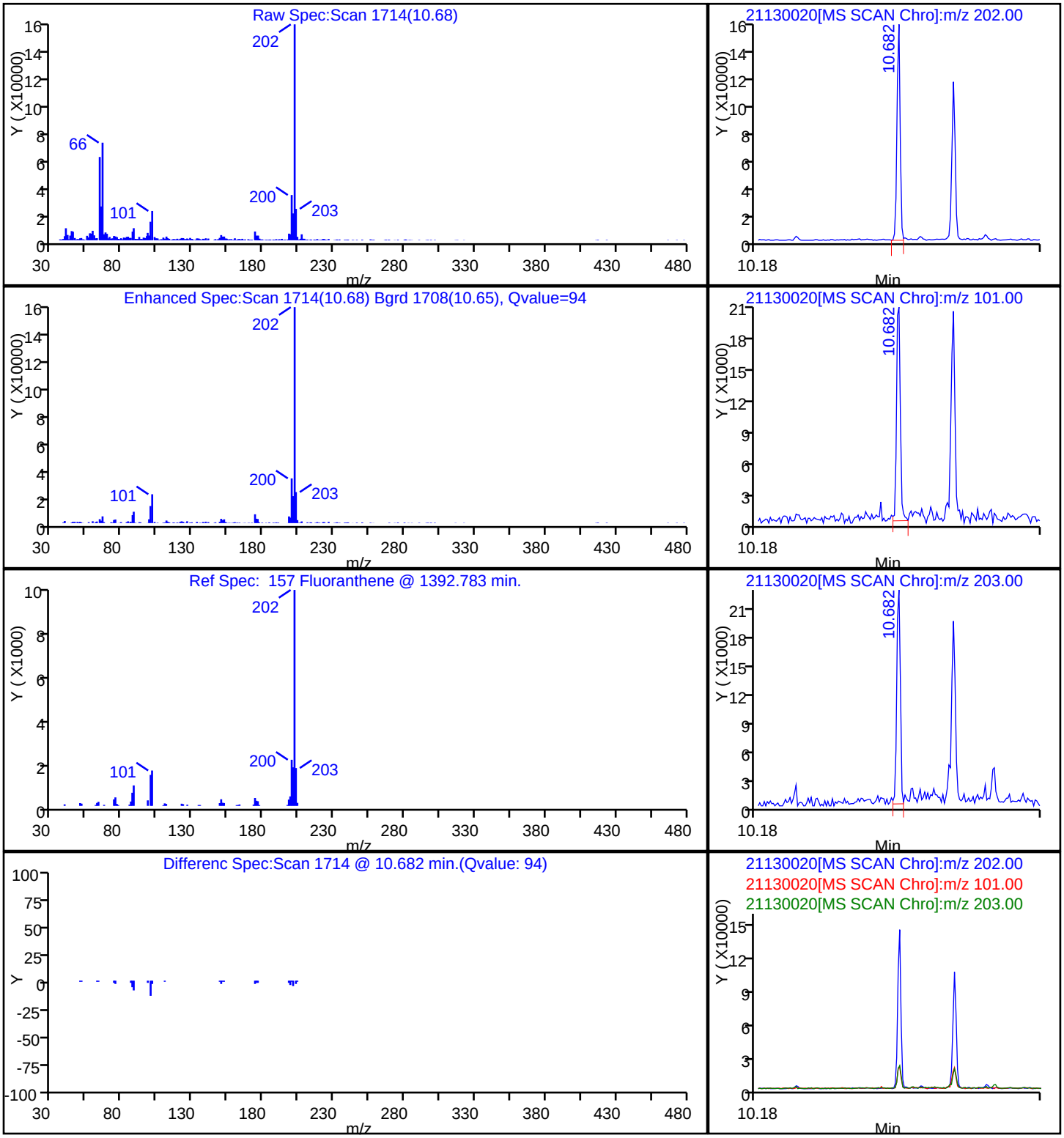
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



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Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
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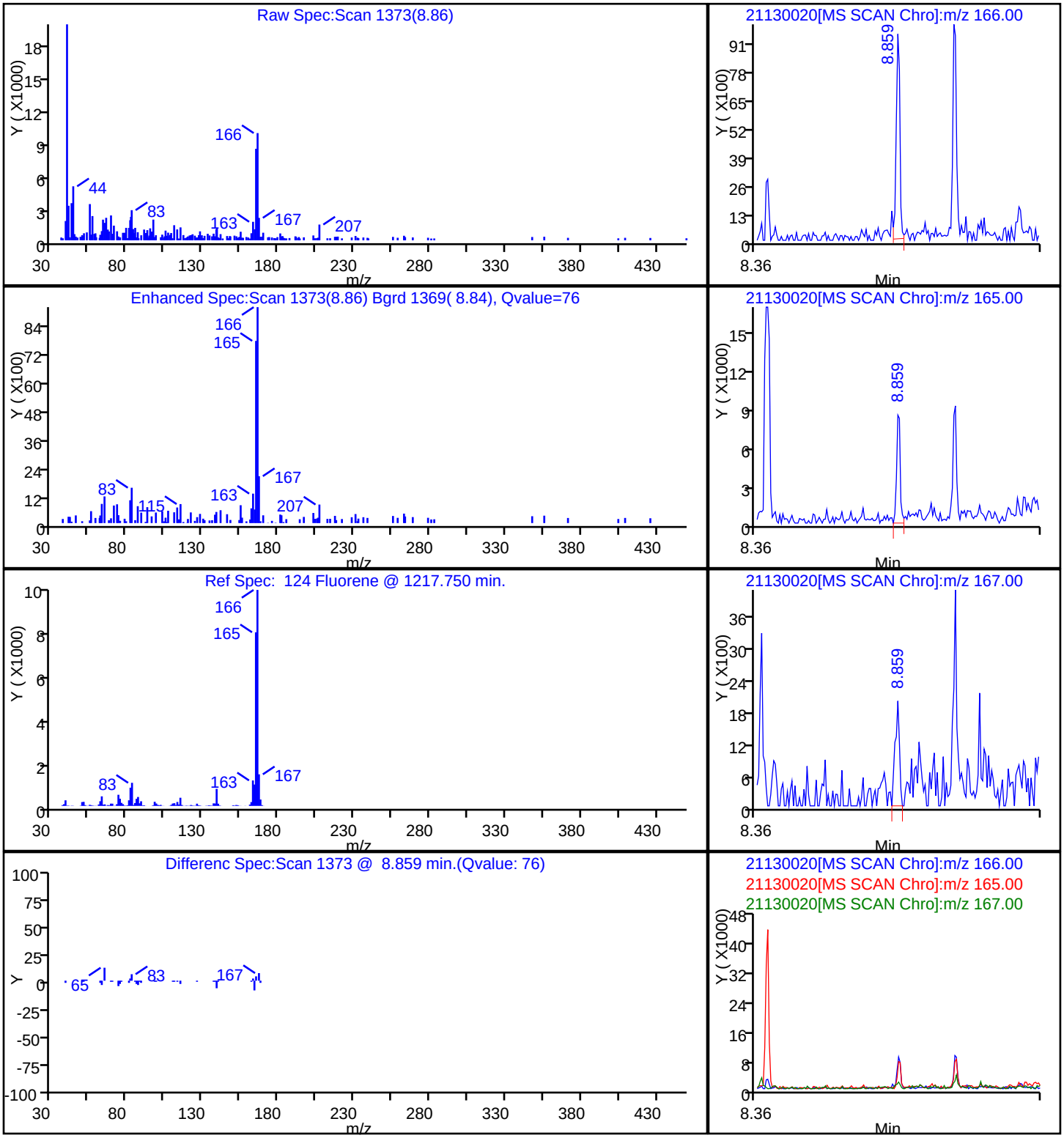
124 Fluorene



Report Date: 03-Dec-2012 10:36:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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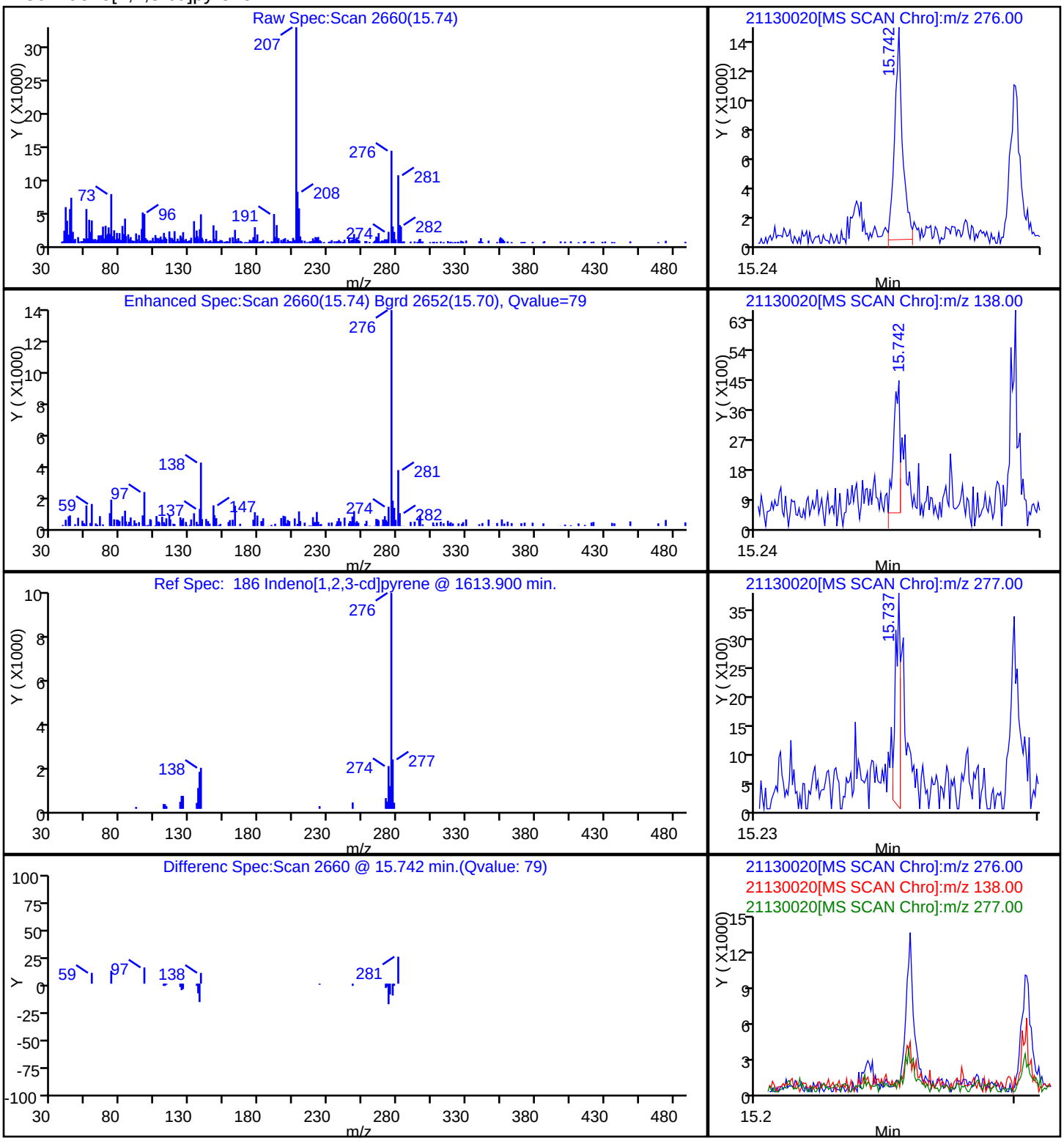
Injection Date:	30-Nov-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



Report Date: 03-Dec-2012 10:36:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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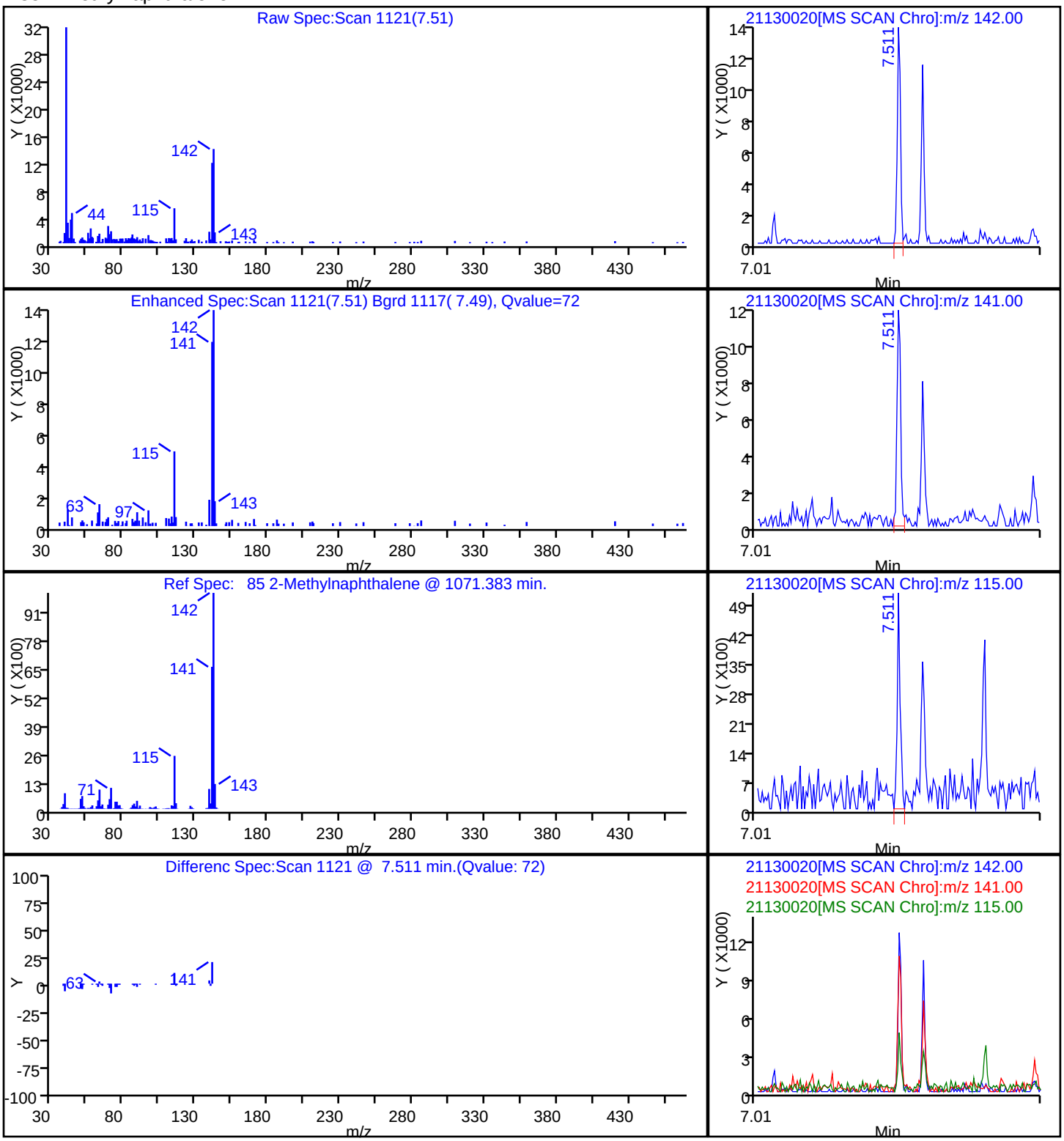
Injection Date:	30-Nov-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



Report Date: 03-Dec-2012 10:36:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	30-Nov-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
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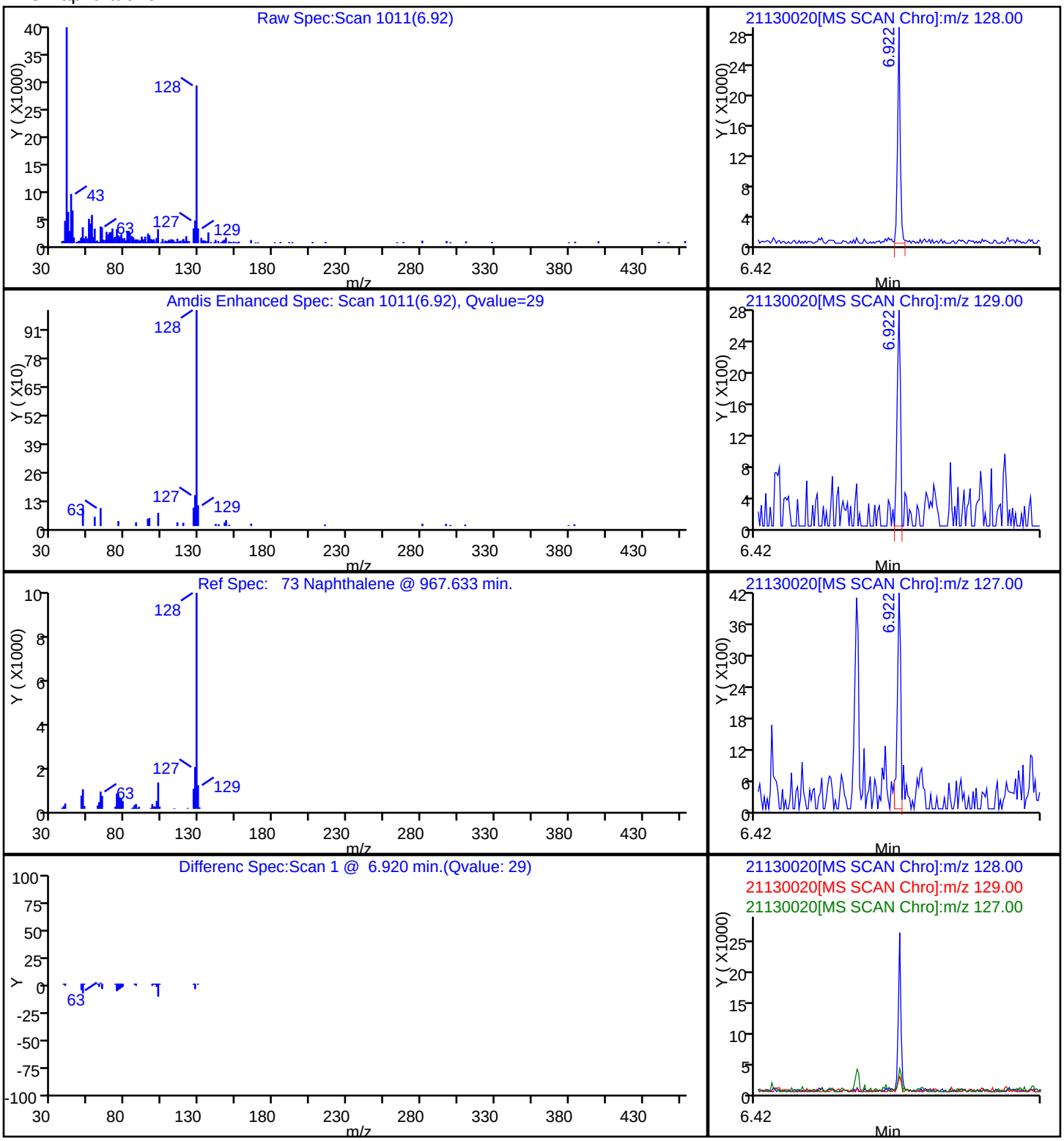
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



Report Date: 03-Dec-2012 10:36:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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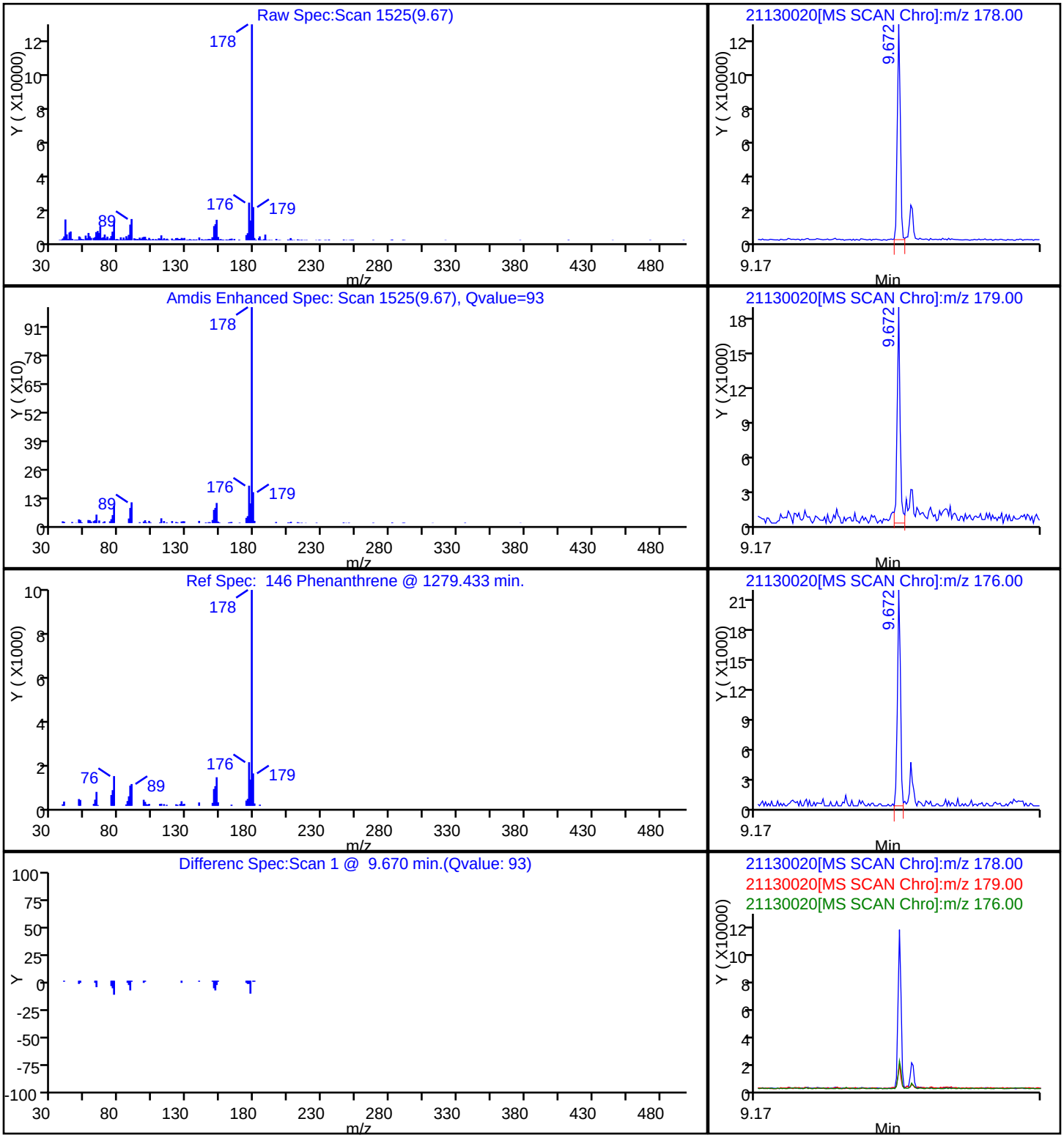
Injection Date:	30-Nov-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



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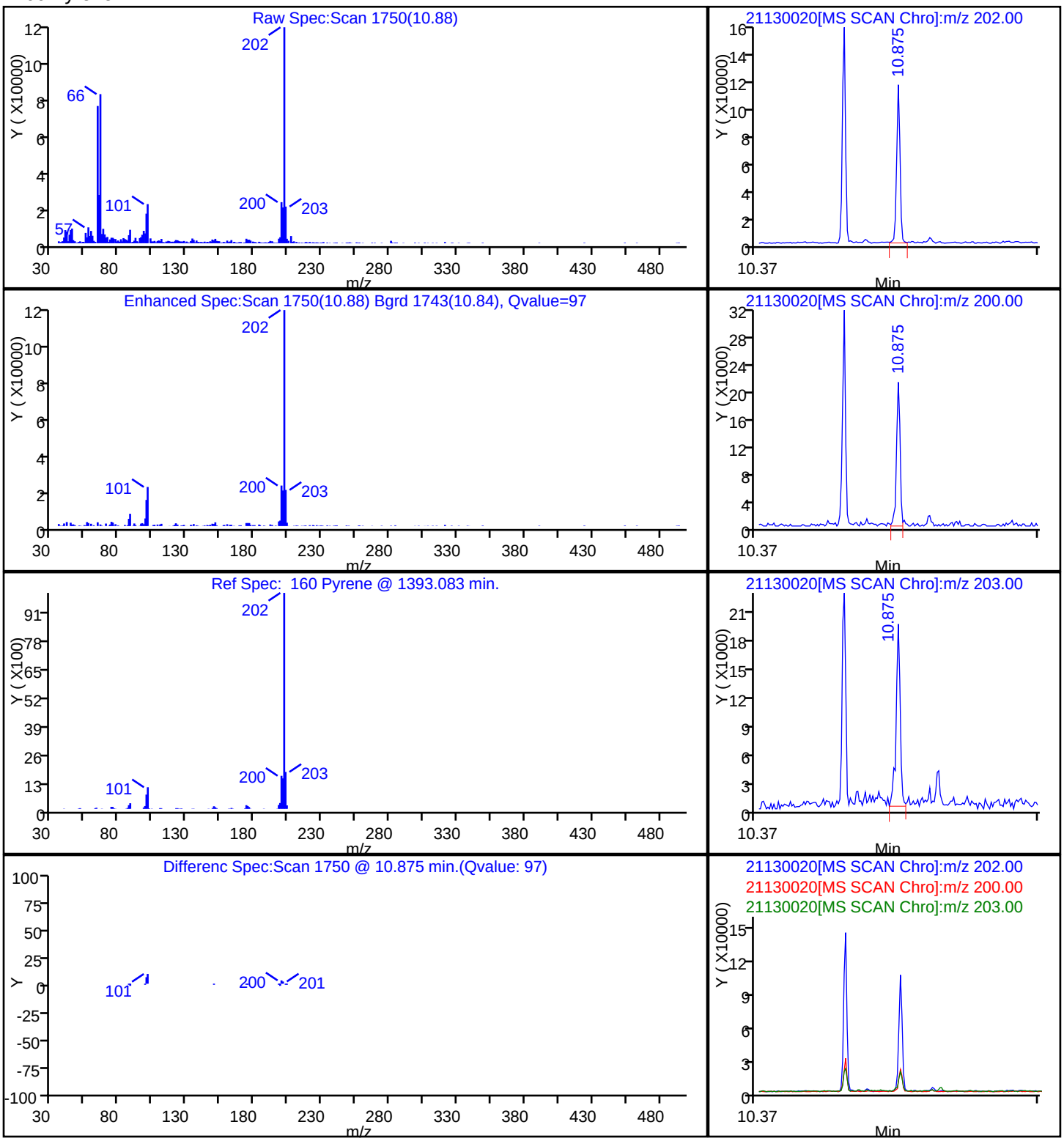
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

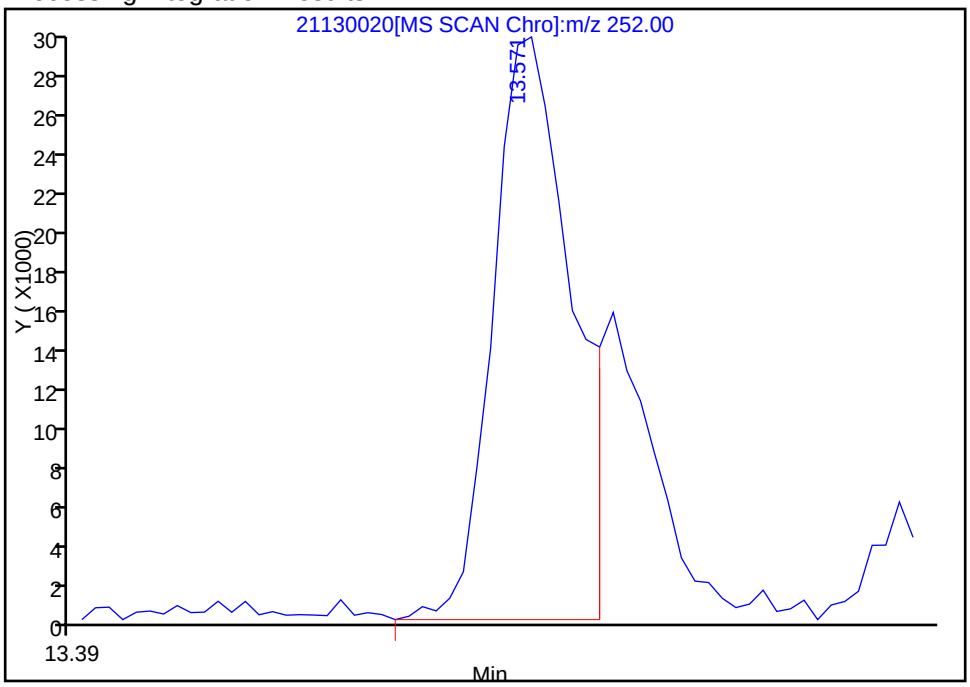
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130020.D		
Injection Date:	30-Nov-2012 15:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.61

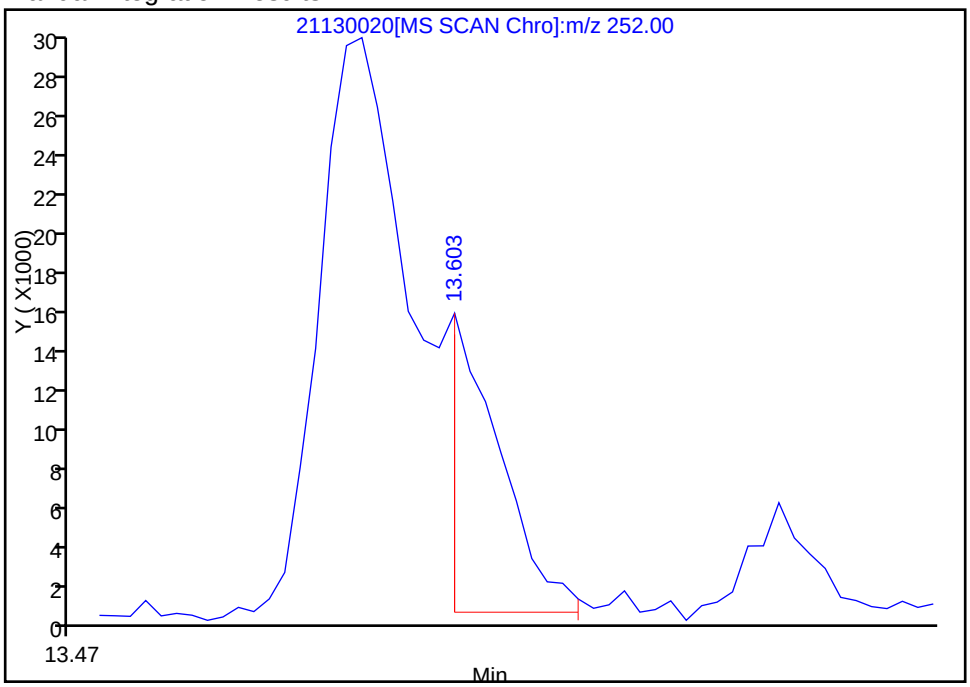
Processing Integration Results

RT: 13.57
Response: 63556
Amount: 0.393940



Manual Integration Results

RT: 13.60
Response: 18484
Amount: 0.114570



Reviewer: gruberj, 03-Dec-2012 10:32:41
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0038M-0001-SO | Lab Sample ID: 240-17768-10

Matrix: Solid | Lab File ID: 21130017.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.61(g) | Date Analyzed: 11/30/2012 14:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	7.6		6.8	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.8	3.3	3.3
120-12-7	Anthracene	30		6.8	3.3	3.3
56-55-3	Benzo[a]anthracene	86		6.8	3.3	3.3
50-32-8	Benzo[a]pyrene	81		6.8	3.3	3.3
205-99-2	Benzo[b]fluoranthene	100		6.8	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	52		6.8	3.3	3.3
65-85-0	Benzoic acid	340	U	670	340	340
207-08-9	Benzo[k]fluoranthene	35	M	6.8	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	44	J B	51	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	51	27	13
85-68-7	Butyl benzyl phthalate	27	U	51	27	10
86-74-8	Carbazole	27	U	51	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	51	3.3	3.3
95-57-8	2-Chlorophenol	27	U	51	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	51	27	13
218-01-9	Chrysene	94		6.8	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	19		6.8	3.3	3.3
132-64-9	Dibenzofuran	12	J	51	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	51	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	51	27	11
106-46-7	1,4-Dichlorobenzene	27	U	51	27	20
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	51	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	51	27	17
84-74-2	Di-n-butyl phthalate	27	U	51	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0038M-0001-SO | Lab Sample ID: 240-17768-10

Matrix: Solid | Lab File ID: 21130017.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.61(g) | Date Analyzed: 11/30/2012 14:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	51	27	27
206-44-0	Fluoranthene	220		6.8	3.3	3.3
86-73-7	Fluorene	11		6.8	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.8	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	51	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	51	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	50		6.8	3.3	3.3
78-59-1	Isophorone	14	J	51	27	13
91-57-6	2-Methylnaphthalene	9.4		6.8	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	410	81	20
91-20-3	Naphthalene	12		6.8	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	51	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	51	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	51	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	160		6.8	3.3	3.3
108-95-2	Phenol	27	U	51	27	27
129-00-0	Pyrene	170		6.8	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	51	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0038M-0001-SO | Lab Sample ID: 240-17768-10

Matrix: Solid | Lab File ID: 21130017.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:50

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.61(g) | Date Analyzed: 11/30/2012 14:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	70		45-105
367-12-4	2-Fluorophenol (Surr)	75		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	73		35-100
4165-62-2	Phenol-d5 (Surr)	77		40-100
1718-51-0	Terphenyl-d14 (Surr)	80		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	80		35-125

Report Date: 03-Dec-2012 10:36:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D
Lims ID: 240-17768-E-10-D Client ID: 076SB-0038M-0001-SO
Inject. Date: 30-Nov-2012 14:41:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015418-017
Misc. Info.: 240-17768-e-10-d
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 66878 Lims Sample ID: 17
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m
Last Update: 03-Dec-2012 10:35:45 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: XAWRK014

First Level Reviewer: gruberj Date: 30-Nov-2012 15:29:30

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.783	5.778	0.005	97	125309	4.00	
* 2 Naphthalene-d8	136	6.906	6.901	0.005	99	491170	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	91	281245	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	97	497513	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.005	96	508740	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	92	460123	4.00	
$ 7 2-Fluorophenol	112	4.569	4.494	0.075	93	435193	11.2	
$ 8 Phenol-d5	99	5.441	5.425	0.016	96	564992	11.5	
$ 9 Nitrobenzene-d5	82	6.275	6.270	0.005	88	313577	7.26	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	99	636650	6.98	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	93	140064	12.0	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	752153	7.98	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					9
46 2-Chlorophenol	128		5.585					
47 1,3-Dichlorobenzene	146		5.724					9
48 1,4-Dichlorobenzene	146		5.794					9
49 Benzyl alcohol	108		5.895					9
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					9
52 2,2'-oxybis[1-chloropropane]	45		6.019					9
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					
60 Hexachloroethane	117		6.238					9
61 Nitrobenzene	77		6.291					
63 Isophorone	82	6.495	6.495	0.0	75	16440	0.2098	
65 2-Nitrophenol	139		6.569					9
64 2,4-Dimethylphenol	107		6.591					9
69 Benzoic acid	122		6.660					9
68 Bis(2-chloroethoxy)methane	93		6.676					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128	6.922	6.922	0.0	54	21535	0.1755	
74 4-Chloroaniline	127		6.960					9
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					
85 2-Methylnaphthalene	142	7.511	7.511	0.0	60	10966	0.1397	
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					
91 2,4,5-Trichlorophenol	196		7.778					
98 2-Chloronaphthalene	162		7.928					
100 2-Nitroaniline	65		8.003					
103 Dimethyl phthalate	163		8.147					
105 2,6-Dinitrotoluene	165		8.201					
107 Acenaphthylene	152		8.281					
108 3-Nitroaniline	138		8.351					9
110 Acenaphthene	153	8.425	8.425	0.0	73	8638	0.1120	
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					9
112 2,4-Dinitrotoluene	165		8.543					9
114 Dibenzofuran	168	8.570	8.570	0.0	87	19701	0.1721	
119 Diethyl phthalate	149	8.730	8.736	-0.006	91	14764	0.1710	
121 4-Chlorophenyl phenyl ether	204		8.848					
124 Fluorene	166	8.859	8.859	0.0	84	15402	0.1675	
123 4-Nitroaniline	138		8.864					9
126 4,6-Dinitro-2-methylphenol	198		8.885					
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					
146 Phenanthrene	178	9.672	9.672	0.0	94	318742	2.35	
147 Anthracene	178	9.714	9.714	0.0	94	60072	0.4448	
149 Carbazole	167	9.843	9.843	0.0	70	36682	0.2796	
151 Di-n-butyl phthalate	149	10.105	10.105	0.0	93	24203	0.1643	
157 Fluoranthene	202	10.677	10.677	0.0	98	498205	3.32	
160 Pyrene	202	10.875	10.875	0.0	97	408922	2.52	
166 Butyl benzyl phthalate	149		11.447					
173 3,3'-Dichlorobenzidine	252		12.068					
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	86	42544	0.6466	
175 Benzo[a]anthracene	228	12.116	12.116	0.0	98	180797	1.27	
176 Chrysene	228	12.159	12.164	-0.005	86	188434	1.39	
178 Di-n-octyl phthalate	149		12.961					
180 Benzo[b]fluoranthene	252	13.571	13.565	0.006	96	227731	1.55	
181 Benzo[k]fluoranthene	252	13.603	13.608	-0.005	98	83503	0.5235	M
182 Benzo[a]pyrene	252	14.052	14.052	0.0	74	161286	1.20	
186 Indeno[1,2,3-cd]pyrene	276	15.742	15.742	0.0	94	107458	0.7381	
187 Dibenz(a,h)anthracene	278	15.758	15.769	-0.011	36	17112	0.2886	
188 Benzo[g,h,i]perylene	276	16.154	16.154	0.0	88	101254	0.7686	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

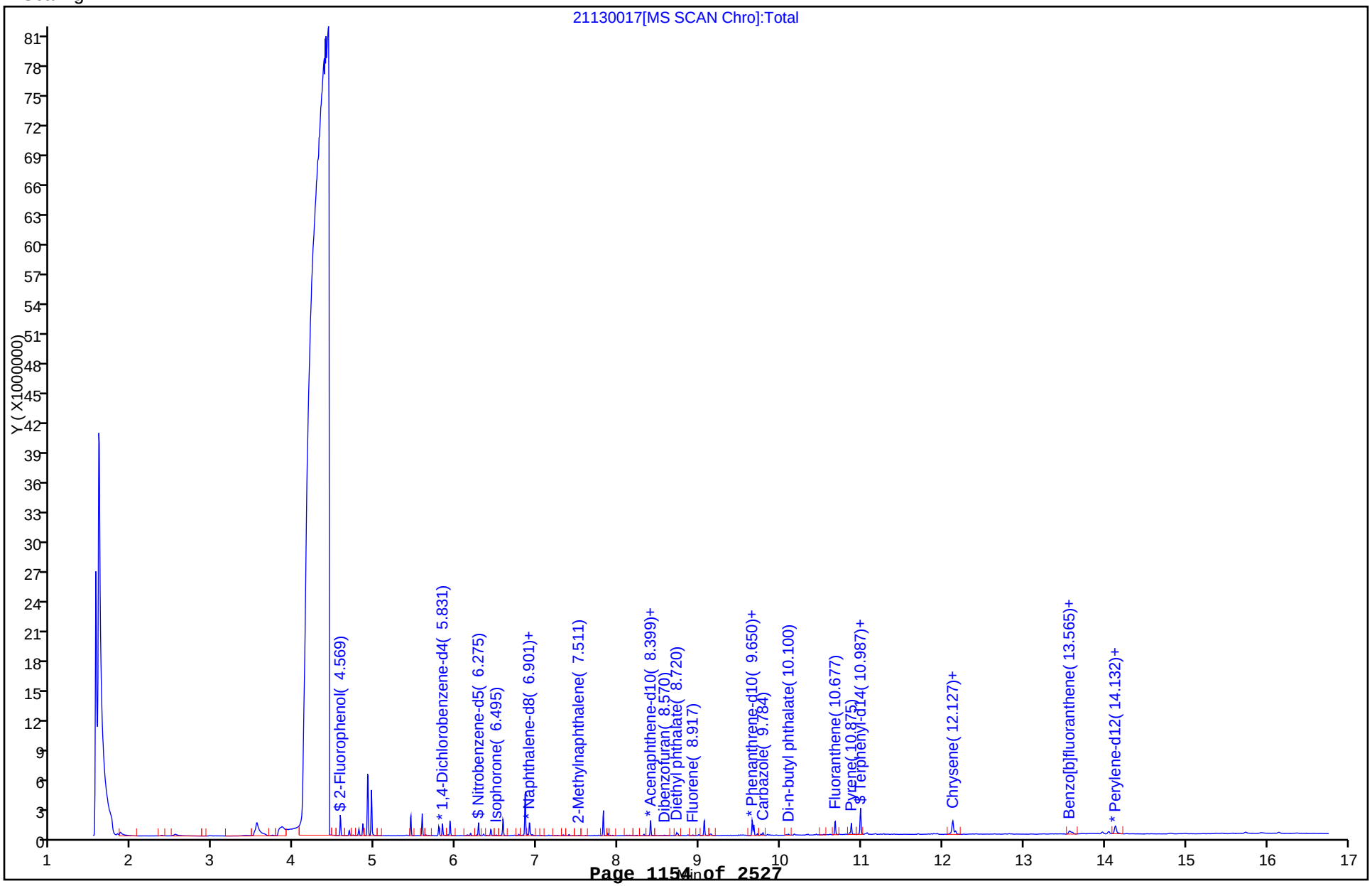
Review Flags
M - Manually Integrated

Report Date: 03-Dec-2012 10:36:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D		
Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



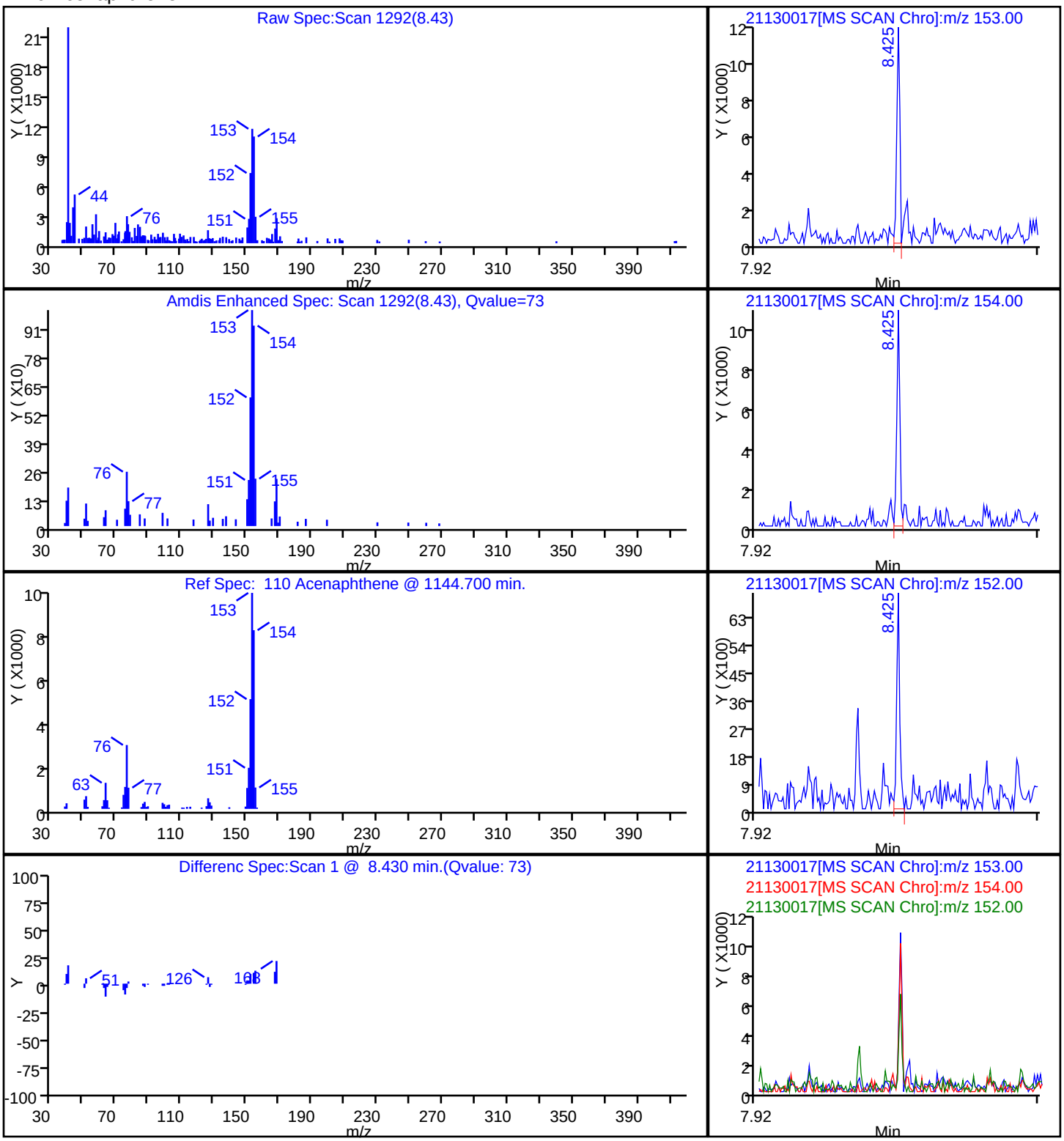
Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

110 Acenaphthene



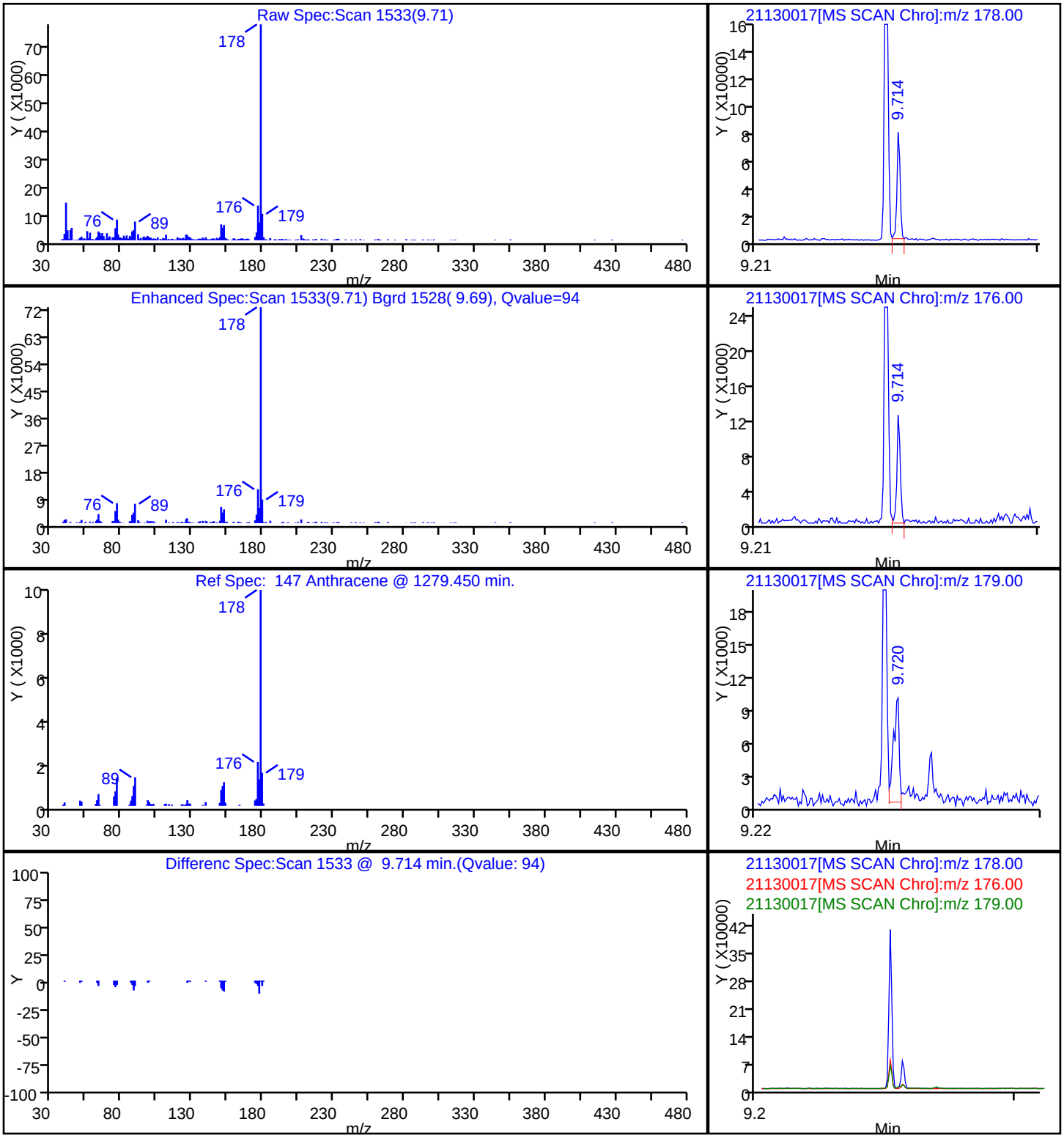
Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



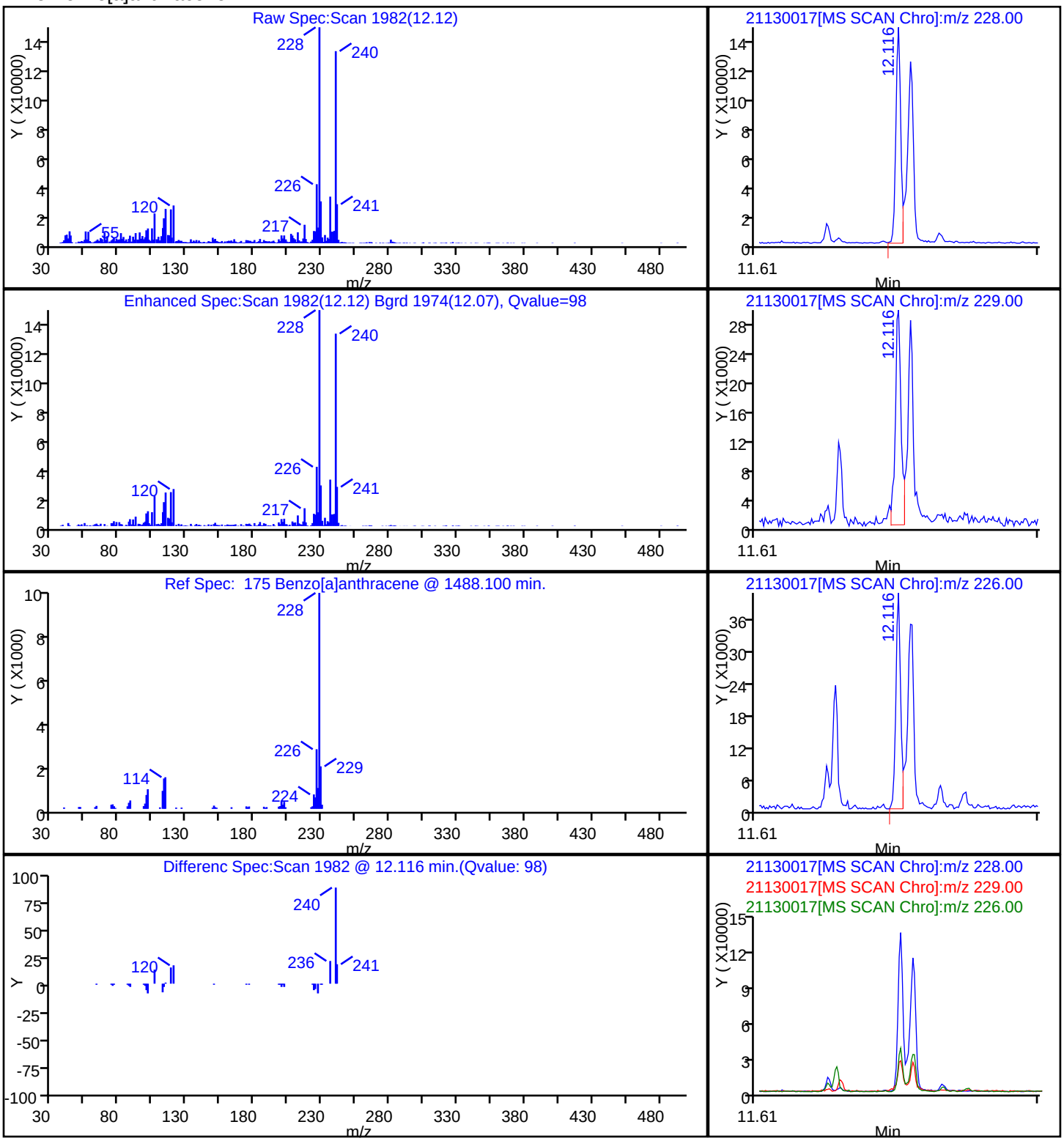
Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



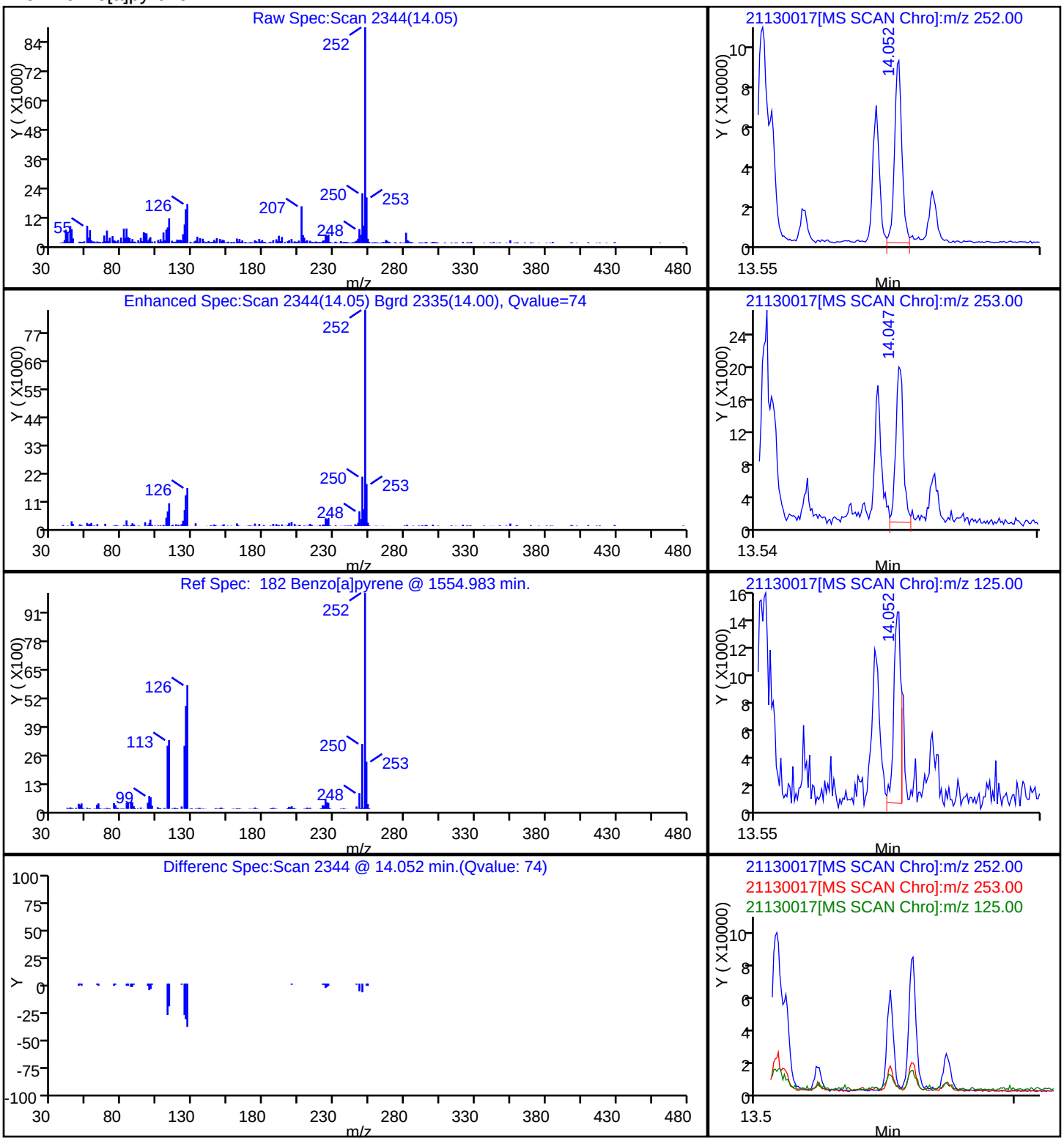
Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



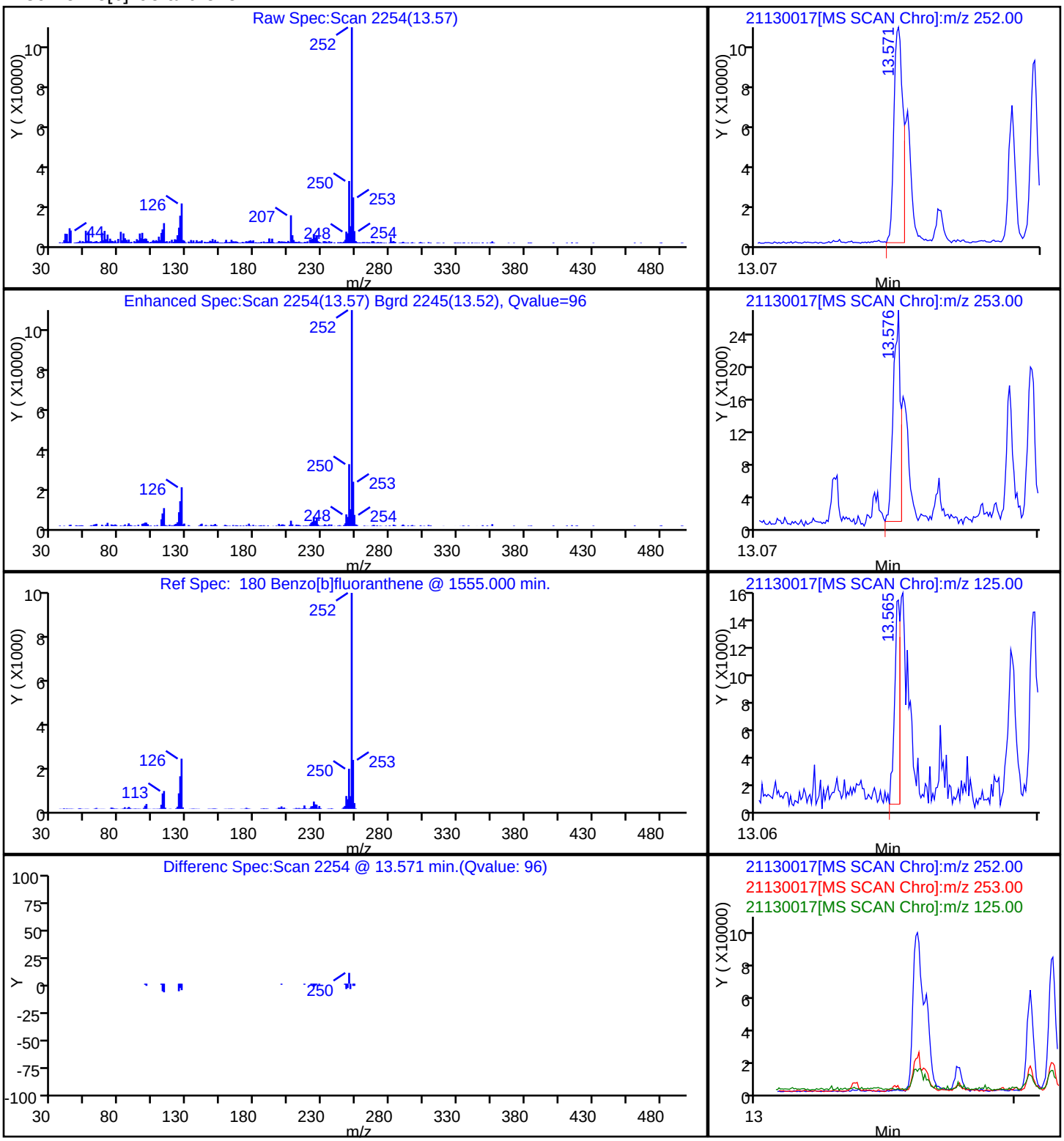
Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

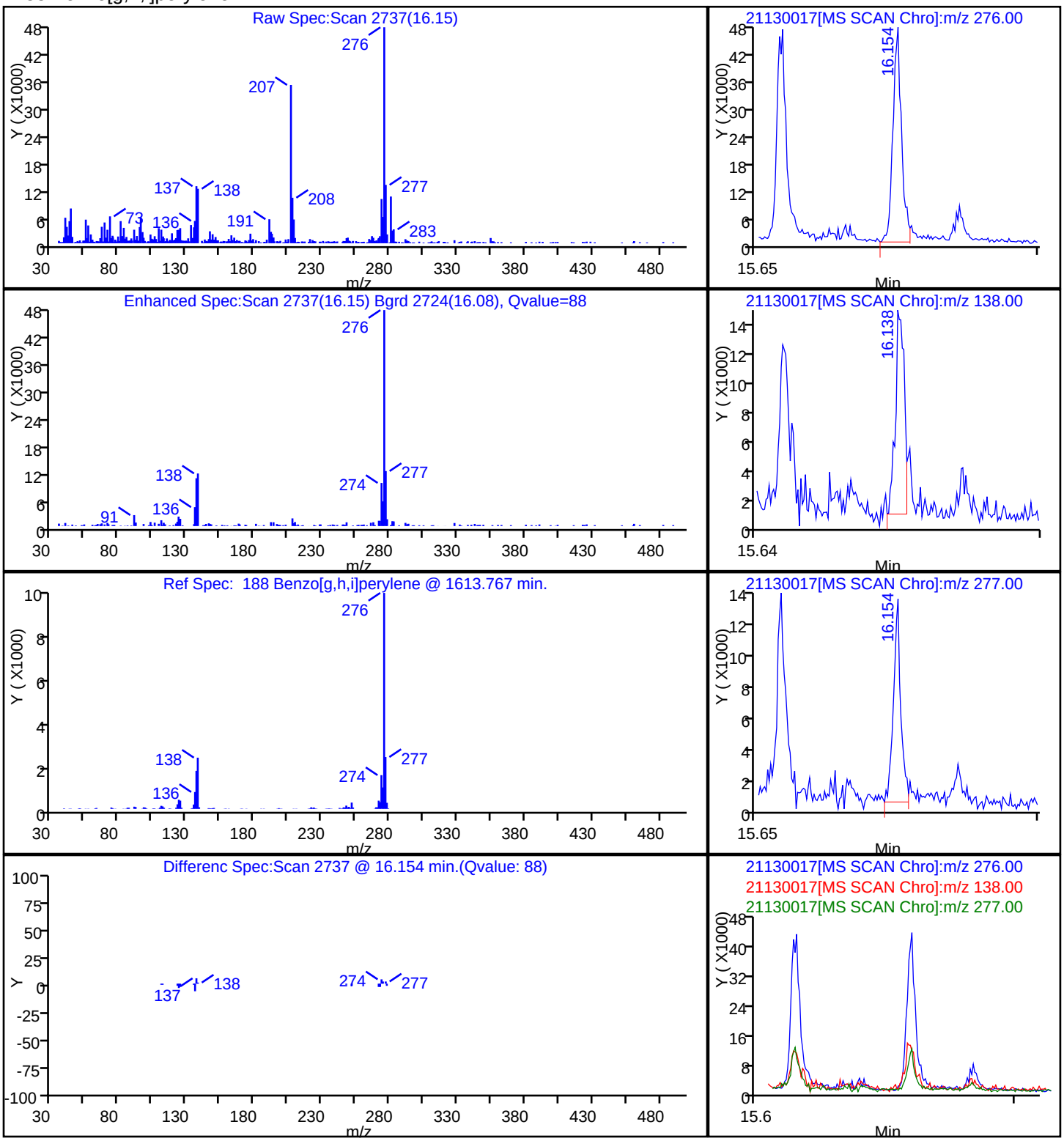


Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D		
Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



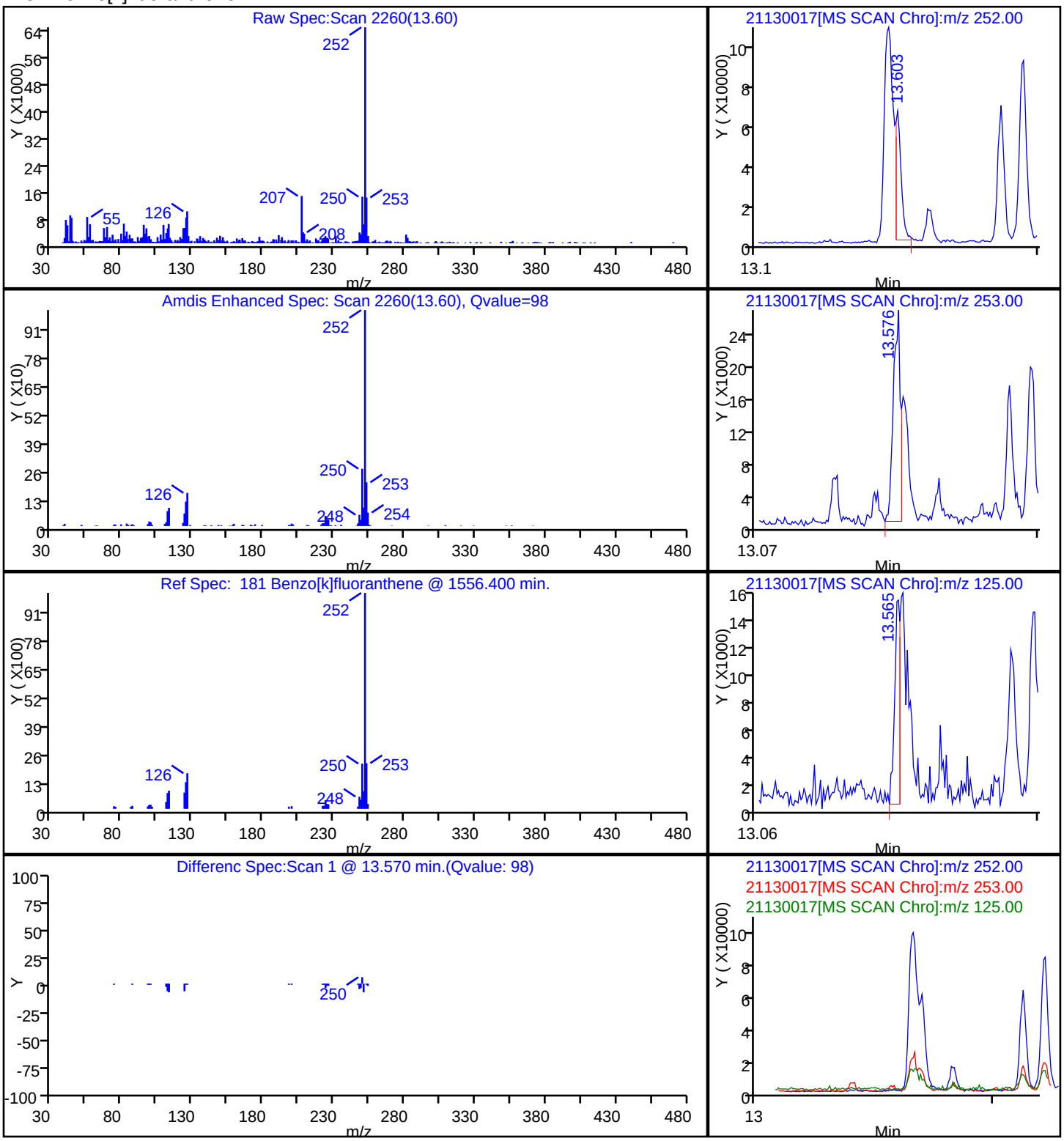
Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

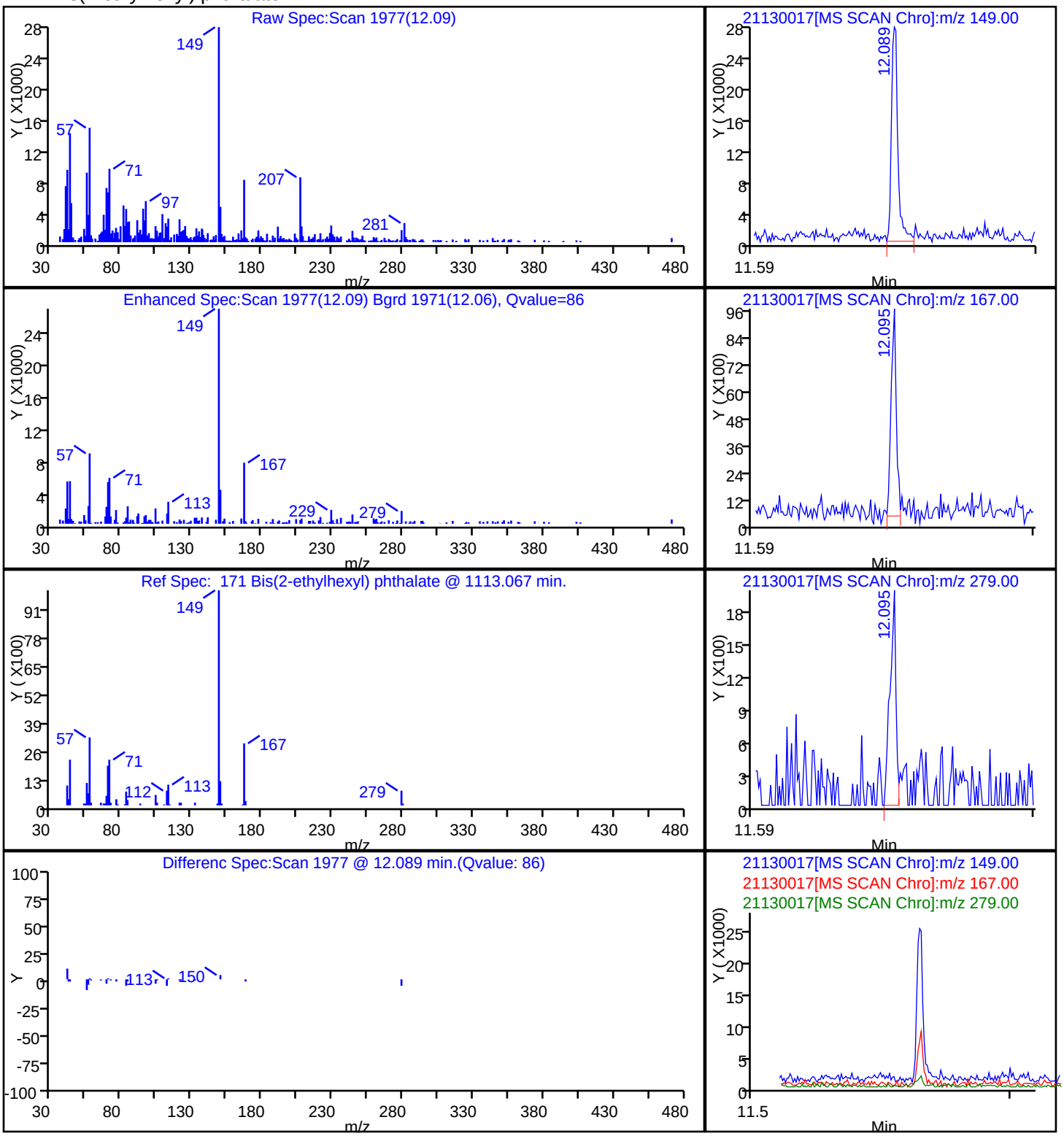


Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D		
Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



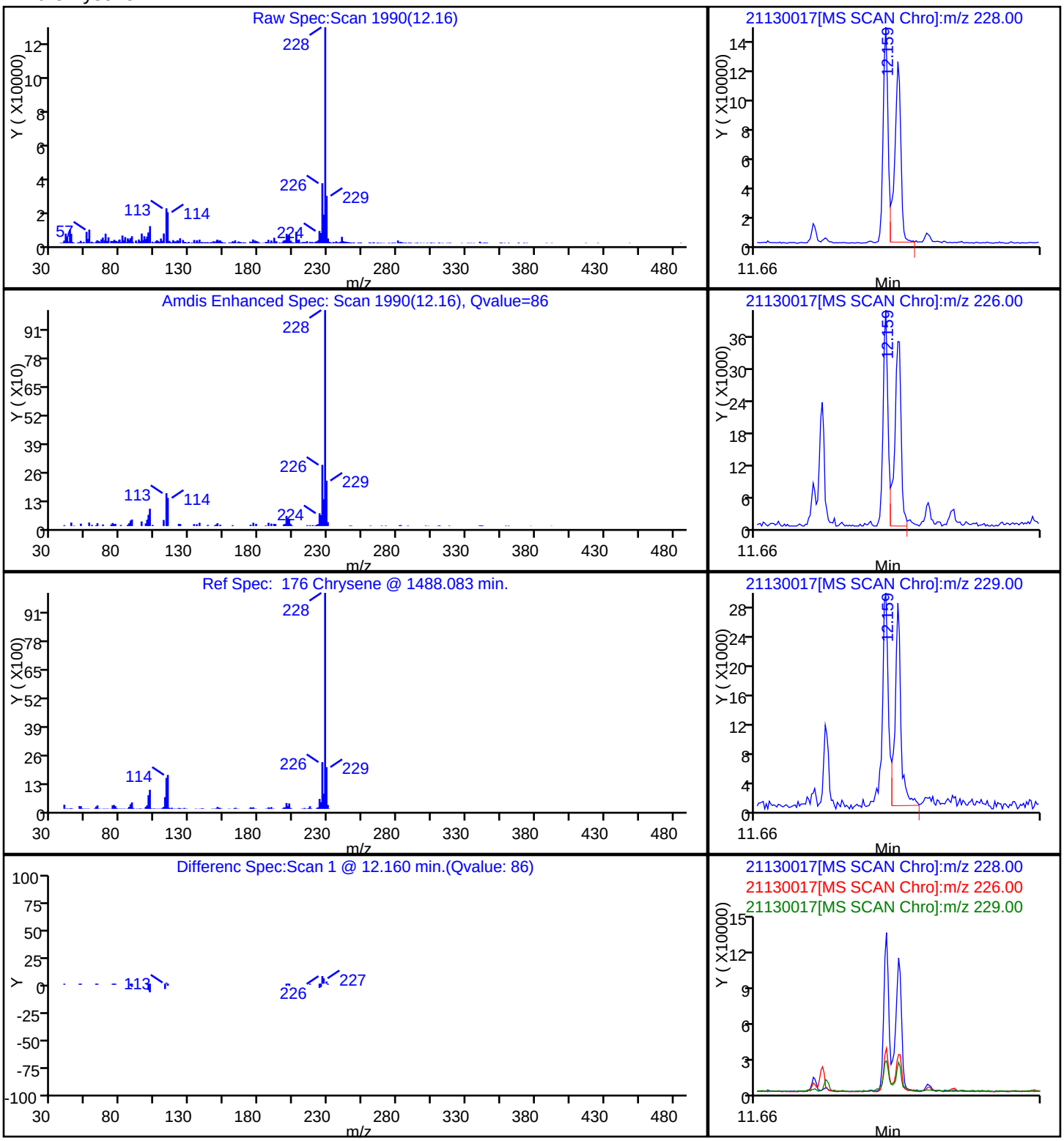
Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



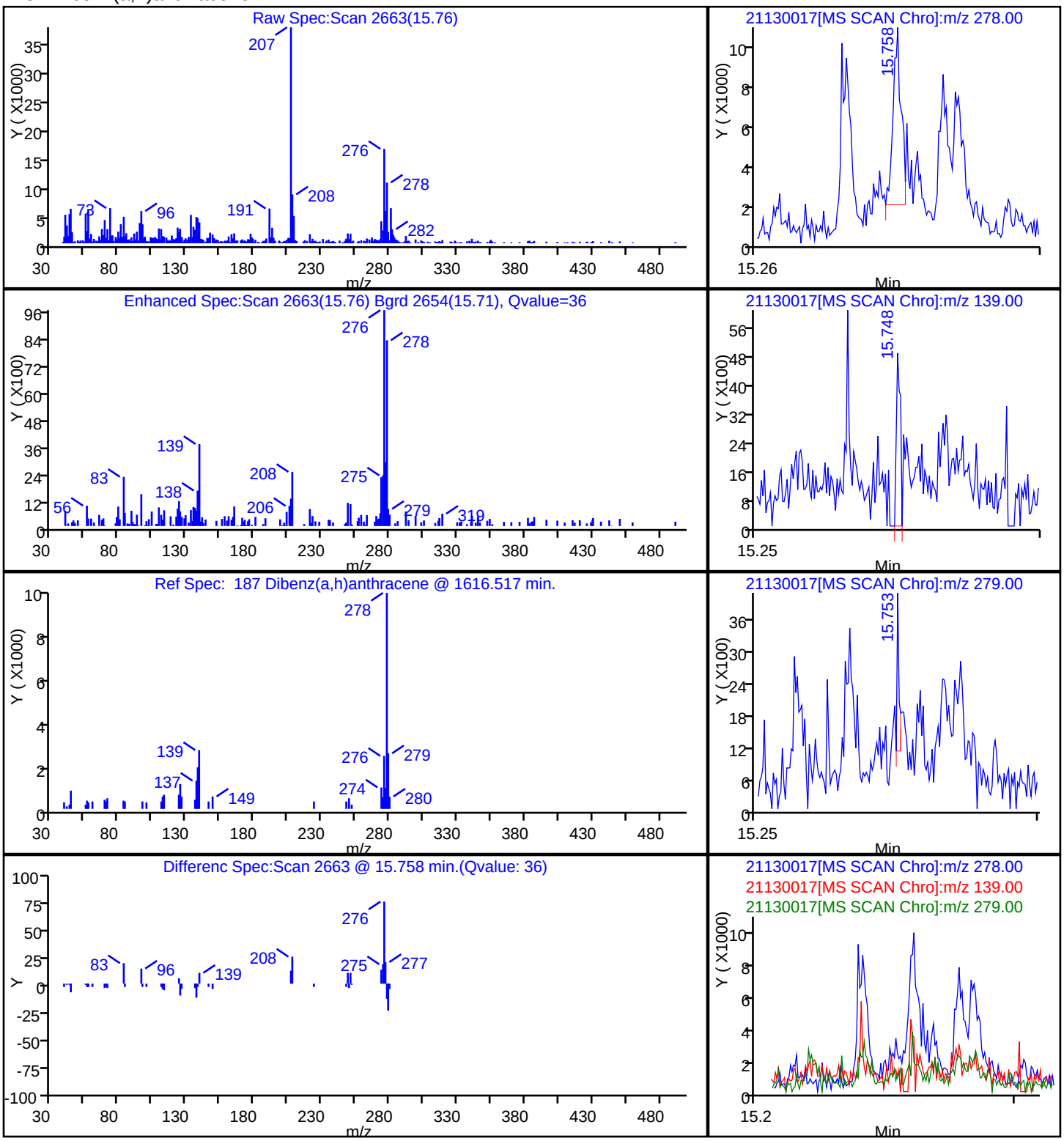
Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene



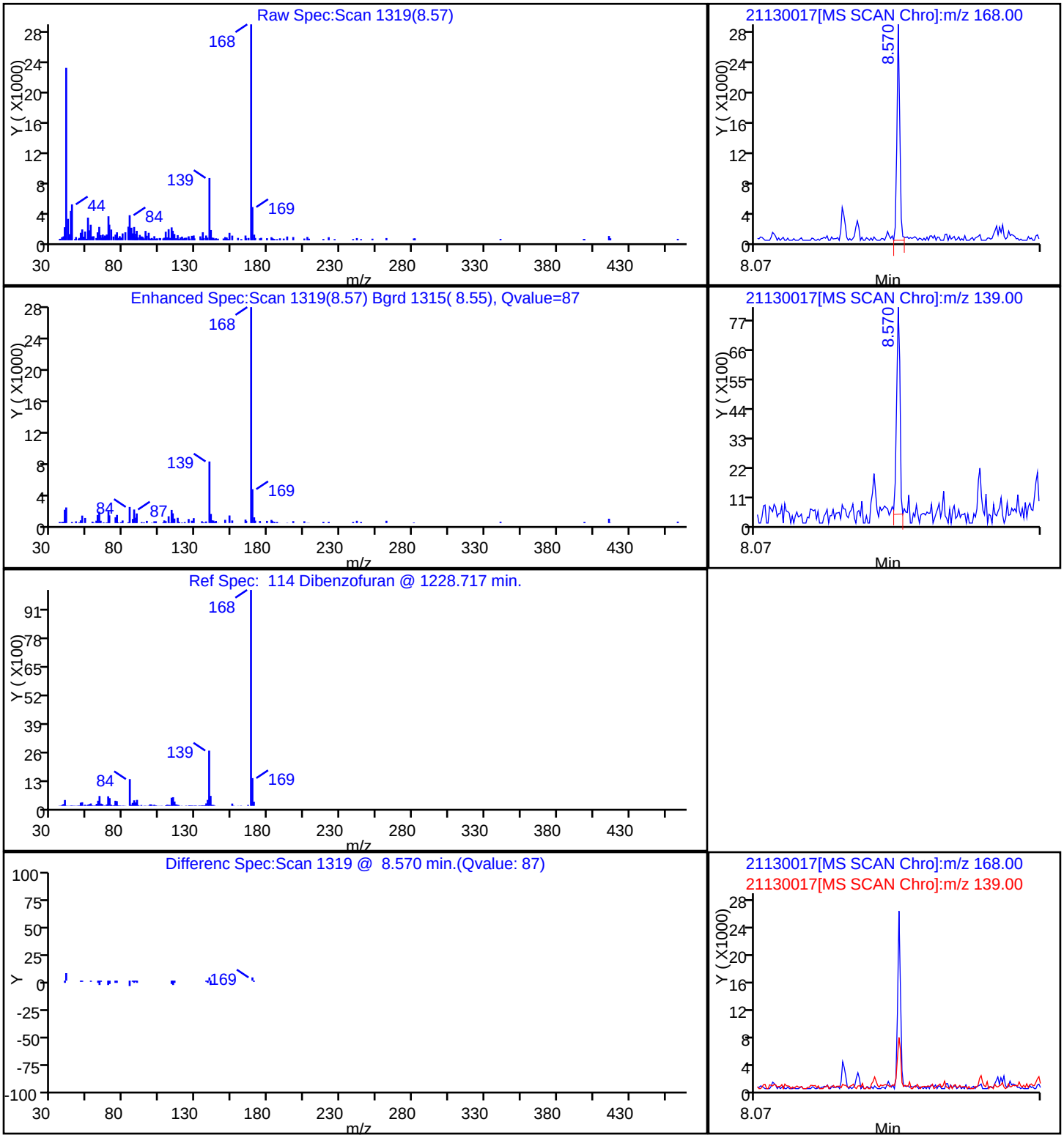
Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran

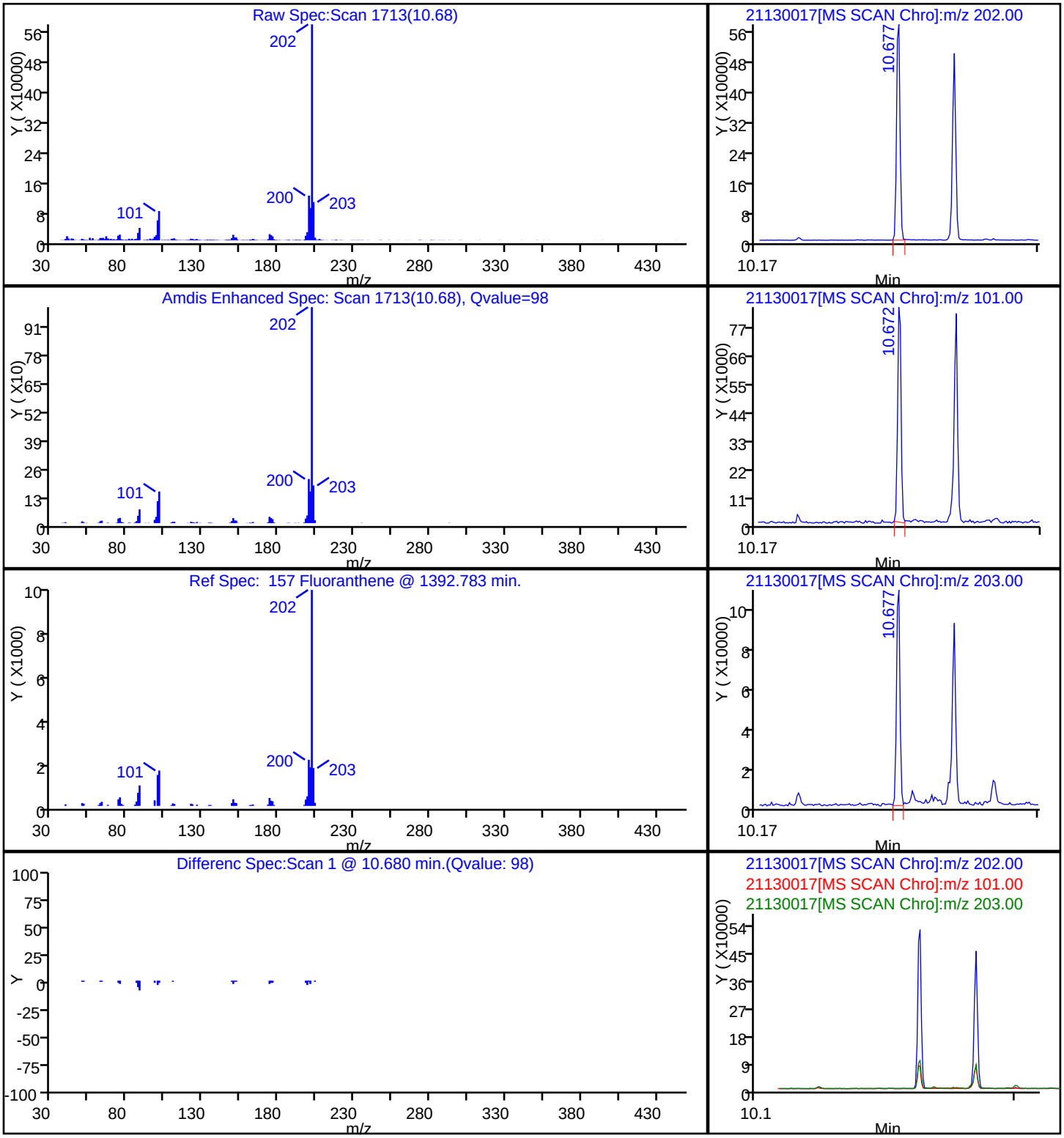


Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D		
Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



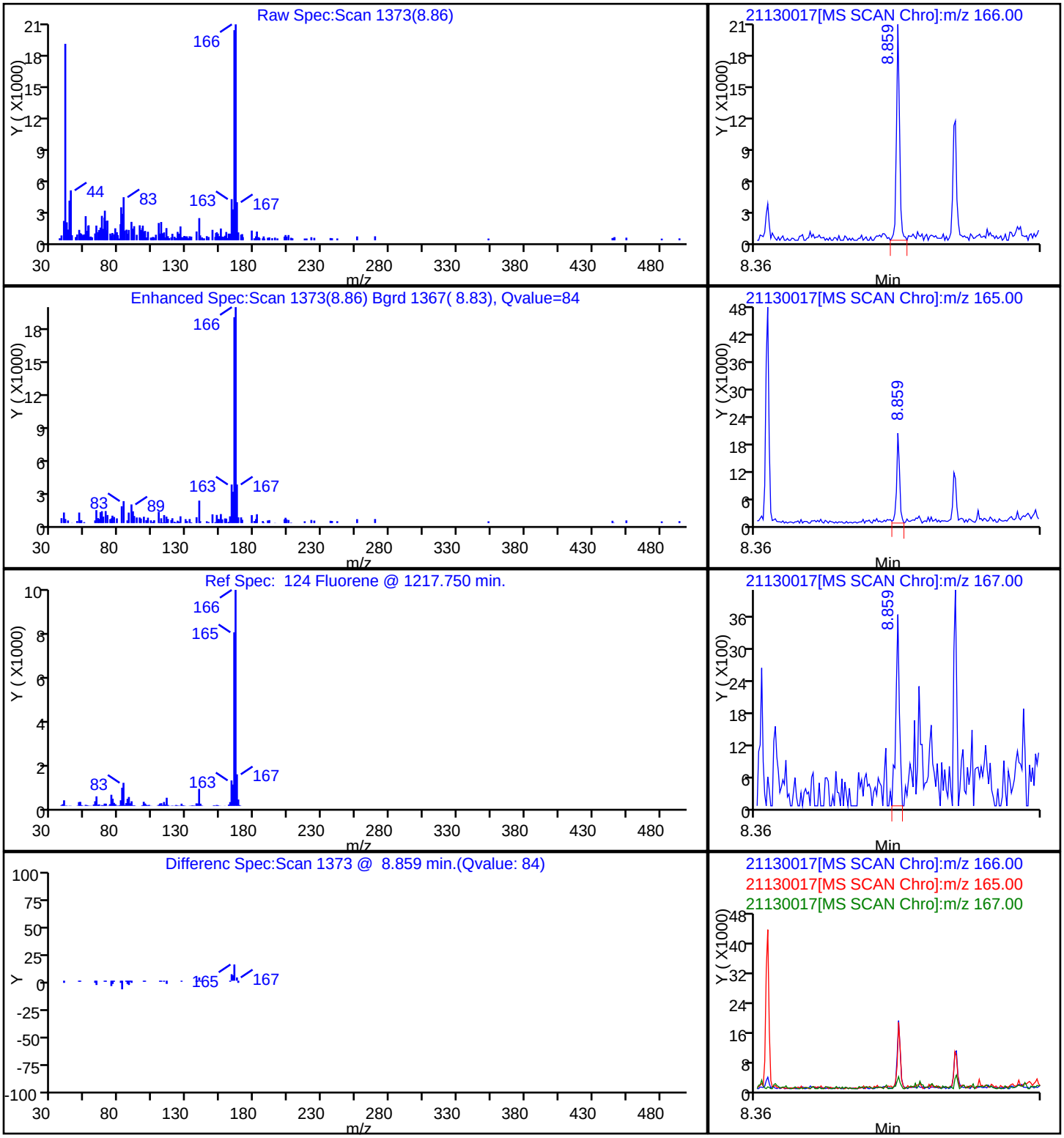
Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene



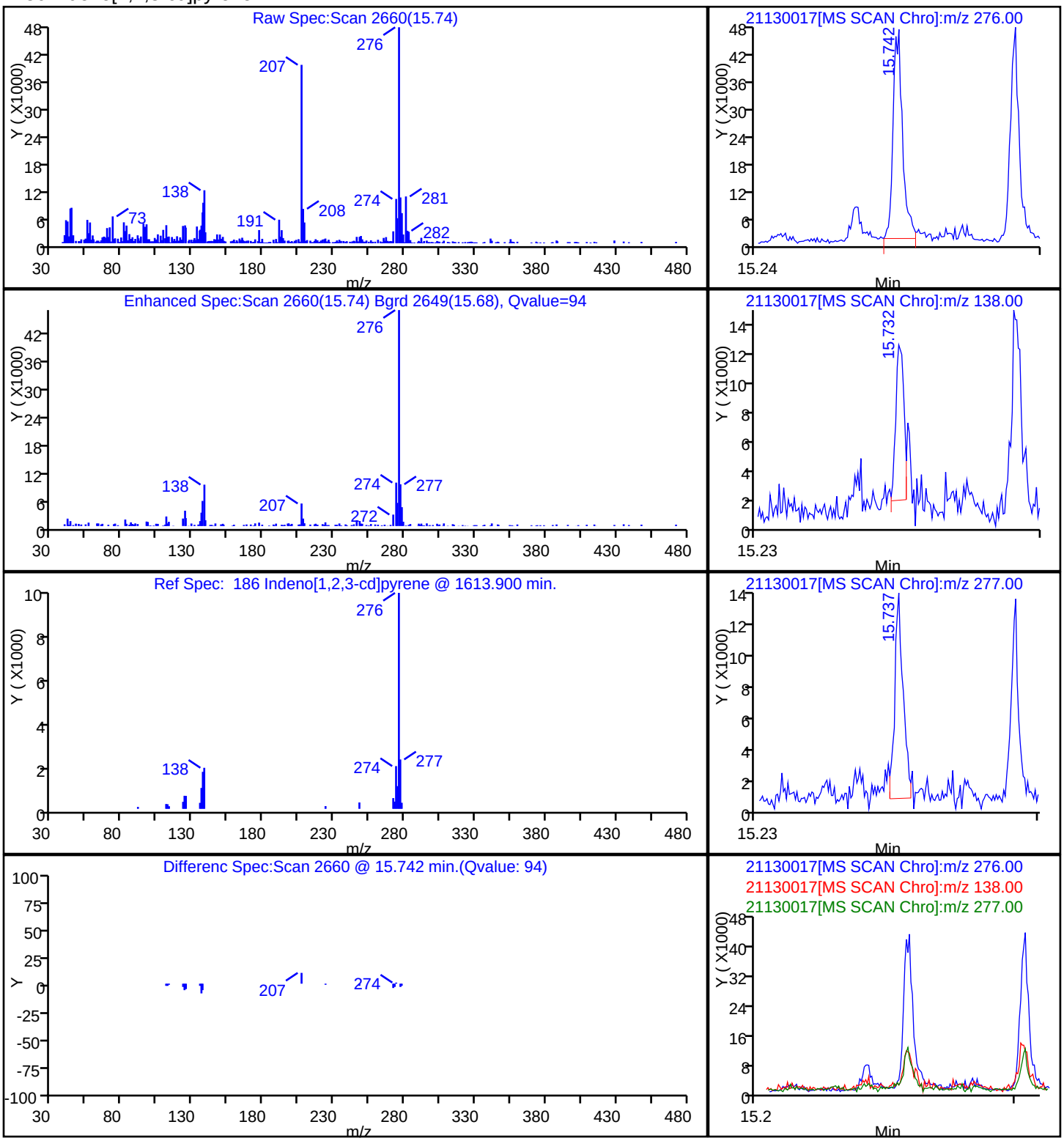
Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene

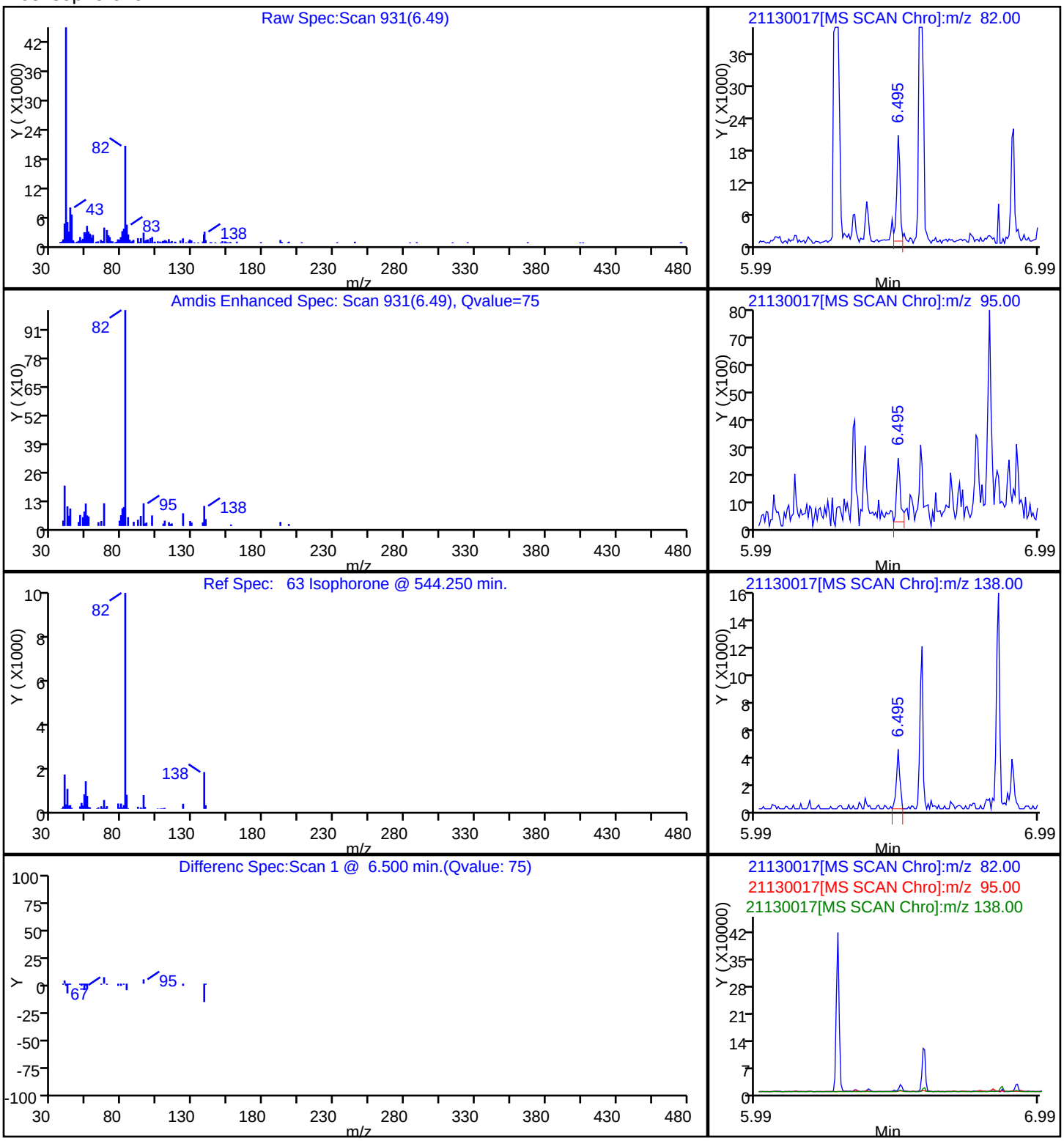


Report Date: 03-Dec-2012 10:36:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D		
Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

63 Isophorone



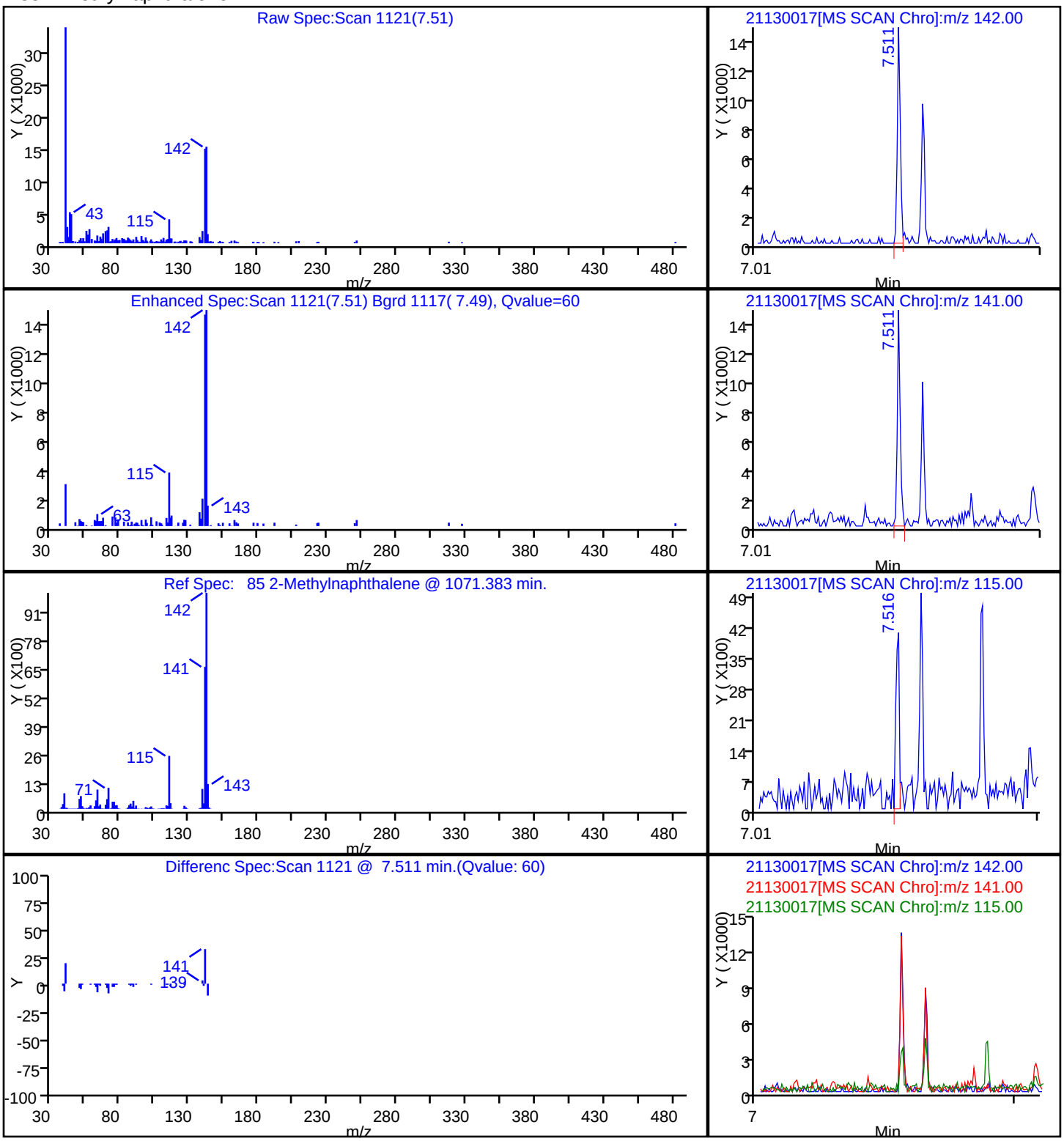
Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



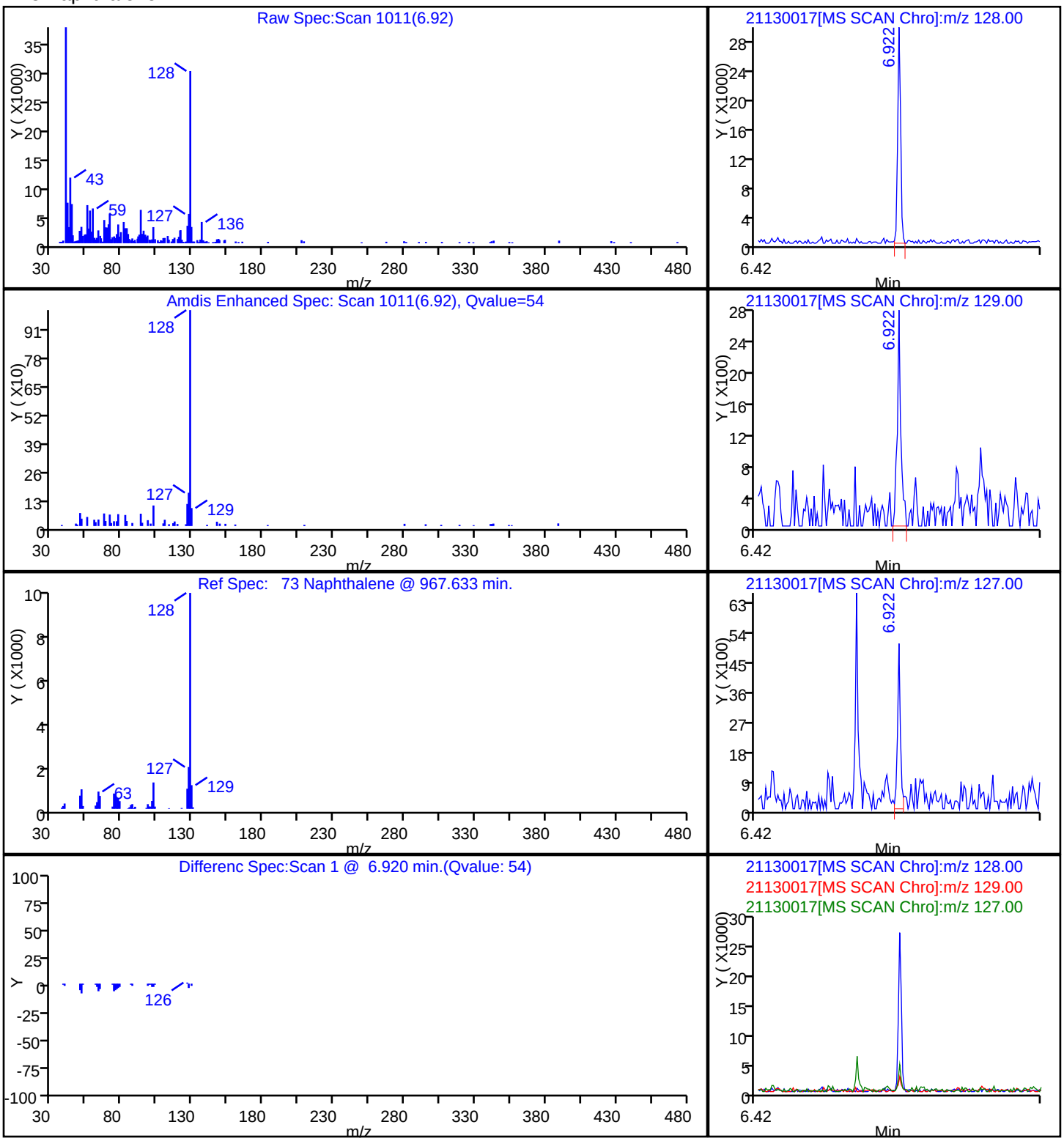
Report Date: 03-Dec-2012 10:36:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



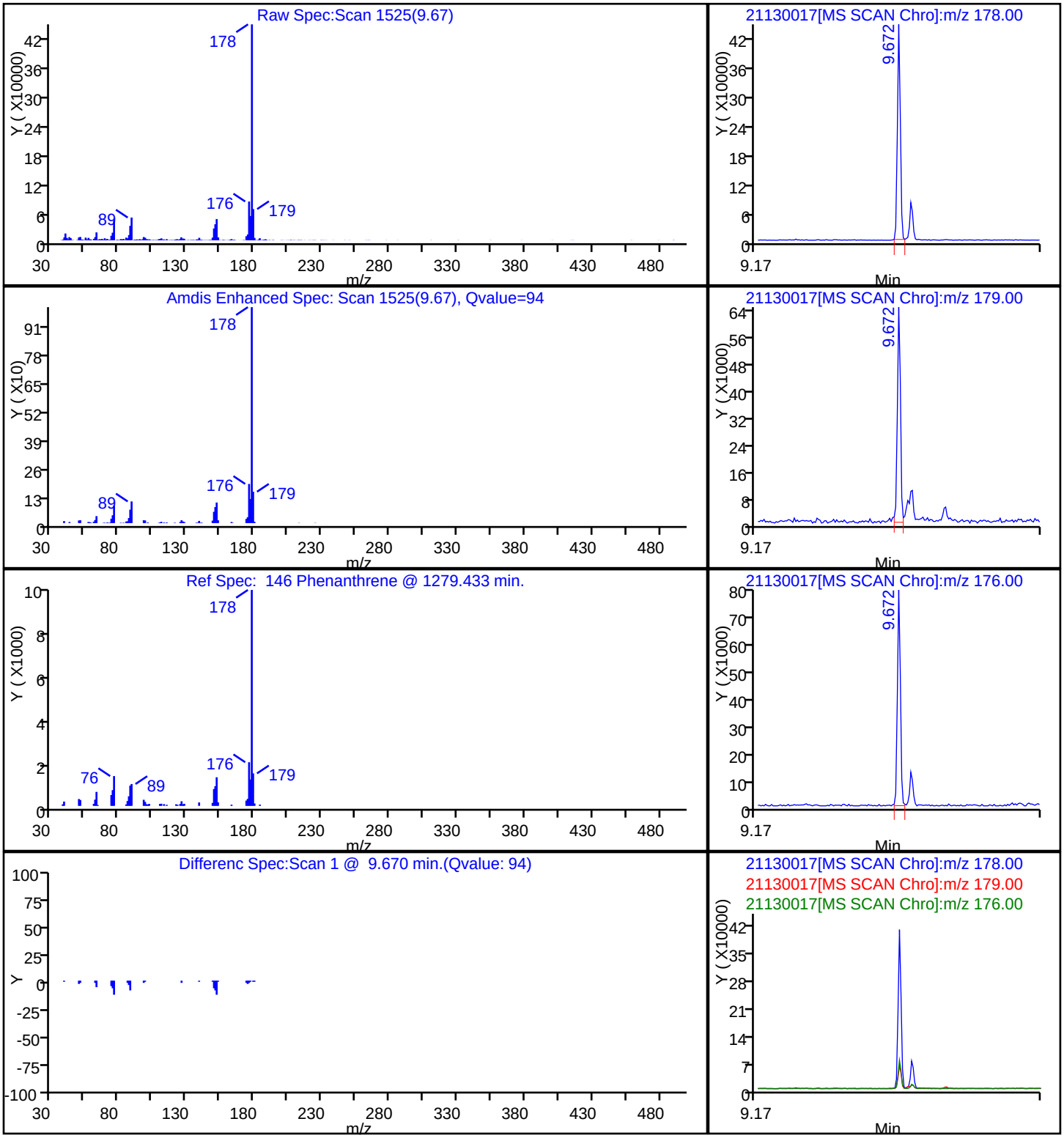
Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



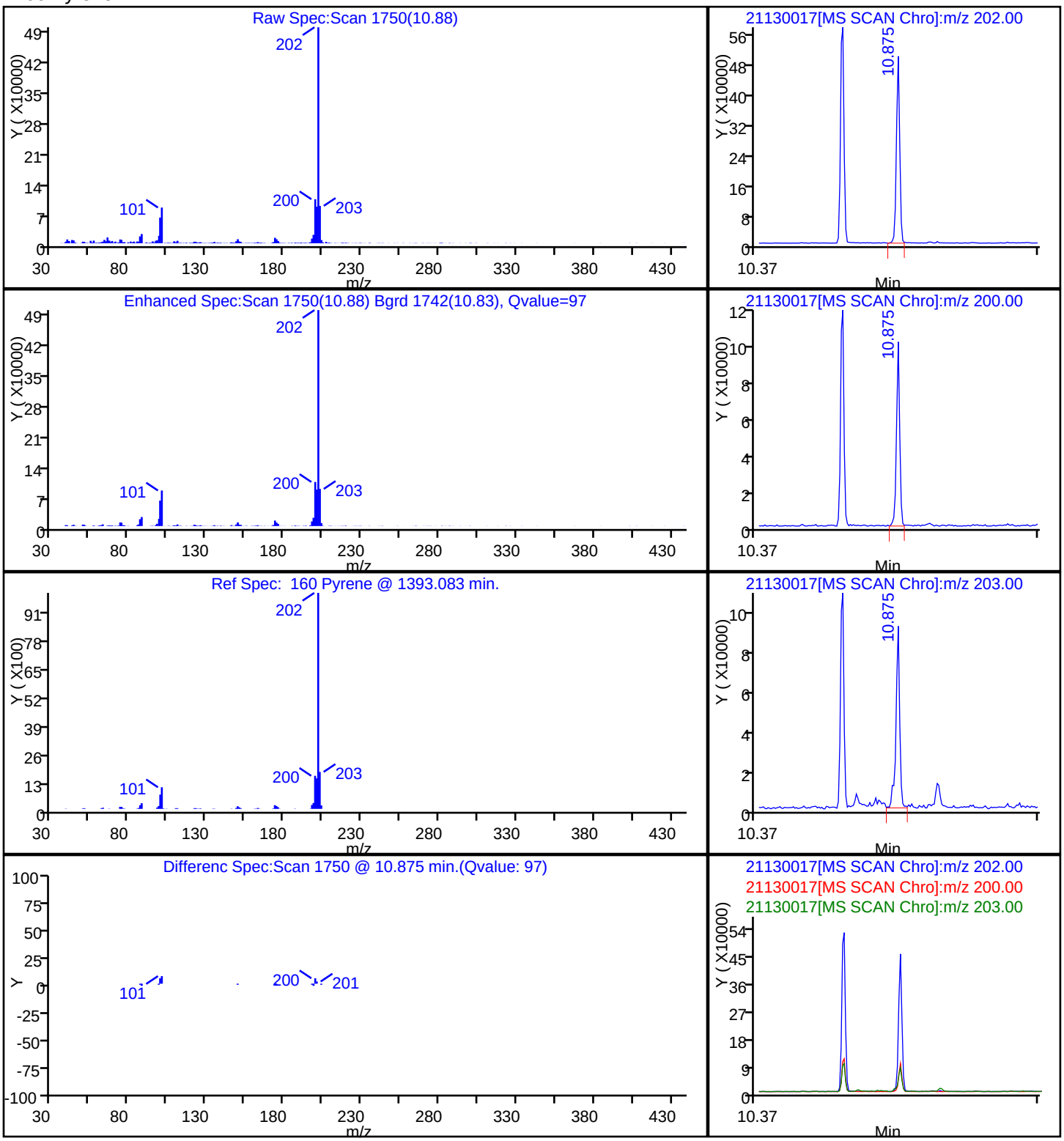
Report Date: 03-Dec-2012 10:36:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D

Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

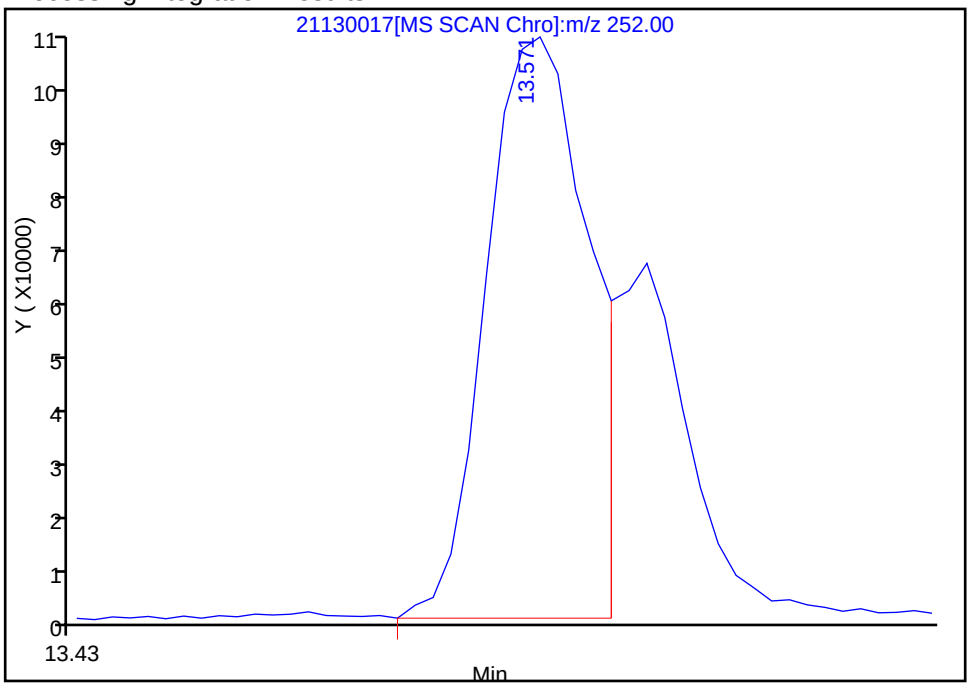
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130017.D		
Injection Date:	30-Nov-2012 14:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	17
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: 13.61

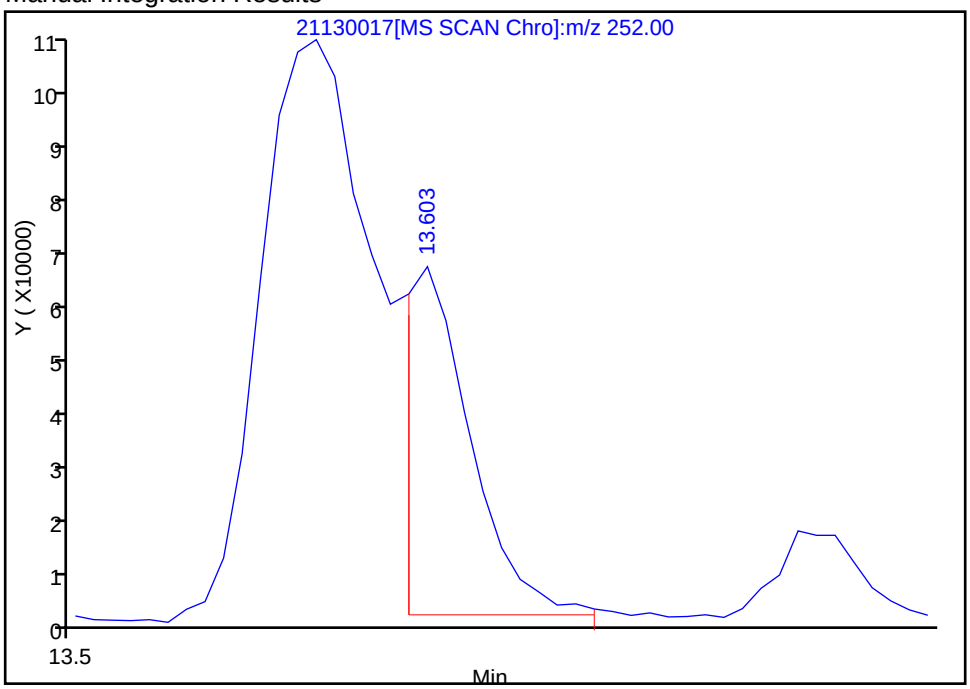
Processing Integration Results

RT: 13.57
Response: 227731
Amount: 1.427815



Manual Integration Results

RT: 13.60
Response: 83503
Amount: 0.523543



Reviewer: gruberj, 30-Nov-2012 15:29:30
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0039M-0001-SO | Lab Sample ID: 240-17768-11

Matrix: Solid | Lab File ID: 21130021.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:00

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.87(g) | Date Analyzed: 11/30/2012 16:14

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.: 66878 | 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	12		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	6.5	J	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	52	B	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0039M-0001-SO | Lab Sample ID: 240-17768-11

Matrix: Solid | Lab File ID: 21130021.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:00

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.87(g) | Date Analyzed: 11/30/2012 16:14

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.: 66878 | 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	11		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	6.9		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	8.8		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.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0039M-0001-SO | Lab Sample ID: 240-17768-11

Matrix: Solid | Lab File ID: 21130021.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:00

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.87(g) | Date Analyzed: 11/30/2012 16:14

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.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	66		45-105
367-12-4	2-Fluorophenol (Surr)	73		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	73		35-100
4165-62-2	Phenol-d5 (Surr)	74		40-100
1718-51-0	Terphenyl-d14 (Surr)	79		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	73		35-125

Report Date: 03-Dec-2012 10:36:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130021.D
Lims ID: 240-17768-E-11-D Client ID: 076SB-0039M-0001-SO
Inject. Date: 30-Nov-2012 16:14:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015418-021
Misc. Info.: 240-17768-e-11-d
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 66878 Lims Sample ID: 21
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m
Last Update: 03-Dec-2012 10:35:45 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: XAWRK014

First Level Reviewer: gruberj Date: 03-Dec-2012 10:33:30

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.788	5.778	0.010	95	123558	4.00	
* 2 Naphthalene-d8	136	6.906	6.901	0.005	98	470618	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	91	276594	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	97	476235	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.005	92	495420	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	96	459428	4.00	
$ 7 2-Fluorophenol	112	4.612	4.494	0.118	93	418428	11.0	
$ 8 Phenol-d5	99	5.446	5.425	0.021	96	541383	11.2	
$ 9 Nitrobenzene-d5	82	6.280	6.270	0.010	87	301028	7.28	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	99	588695	6.56	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	93	125291	10.9	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	728560	7.94	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					9
46 2-Chlorophenol	128		5.585					9
47 1,3-Dichlorobenzene	146		5.724					9
48 1,4-Dichlorobenzene	146		5.794					9
49 Benzyl alcohol	108		5.895					
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					9
52 2,2'-oxybis[1-chloropropane]	45		6.019					9
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					
60 Hexachloroethane	117		6.238					9
61 Nitrobenzene	77		6.291					
63 Isophorone	82		6.495					
65 2-Nitrophenol	139		6.569					9
64 2,4-Dimethylphenol	107		6.591					9
69 Benzoic acid	122		6.660					9
68 Bis(2-chloroethoxy)methane	93		6.676					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128		6.922					9
74 4-Chloroaniline	127		6.960					
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					9
85 2-Methylnaphthalene	142	7.511	7.511	0.0	56	7743	0.1029	
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					
91 2,4,5-Trichlorophenol	196		7.778					
98 2-Chloronaphthalene	162		7.928					
100 2-Nitroaniline	65		8.003					
103 Dimethyl phthalate	163		8.147					
105 2,6-Dinitrotoluene	165		8.201					
107 Acenaphthylene	152		8.281					
108 3-Nitroaniline	138		8.351					9
110 Acenaphthene	153		8.425					9
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					9
112 2,4-Dinitrotoluene	165		8.543					
114 Dibenzofuran	168		8.570					9
119 Diethyl phthalate	149	8.730	8.736	-0.006	85	10601	0.1248	
121 4-Chlorophenyl phenyl ether	204		8.848					
124 Fluorene	166		8.859					
123 4-Nitroaniline	138		8.864					
126 4,6-Dinitro-2-methylphenol	198		8.885					
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					
146 Phenanthrene	178		9.672					9
147 Anthracene	178		9.714					9
149 Carbazole	167		9.843					
151 Di-n-butyl phthalate	149	10.105	10.105	0.0	92	25244	0.1790	
157 Fluoranthene	202	10.677	10.677	0.0	88	23714	0.1650	
160 Pyrene	202	10.875	10.875	0.0	90	20778	0.1314	
166 Butyl benzyl phthalate	149		11.447					
173 3,3'-Dichlorobenzidine	252		12.068					
171 Bis(2-ethylhexyl) phthalate	149	12.094	12.089	0.005	93	53647	0.7805	
175 Benzo[a]anthracene	228		12.116					9
176 Chrysene	228		12.164					9
178 Di-n-octyl phthalate	149		12.961					9
180 Benzo[b]fluoranthene	252	13.576	13.565	0.011	75	14158	0.0966	
181 Benzo[k]fluoranthene	252		13.608					M
182 Benzo[a]pyrene	252	14.047	14.052	-0.005	51	10214	0.1817	
186 Indeno[1,2,3-cd]pyrene	276		15.742					
187 Dibenz(a,h)anthracene	278		15.769					
188 Benzo[g,h,i]perylene	276		16.154					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

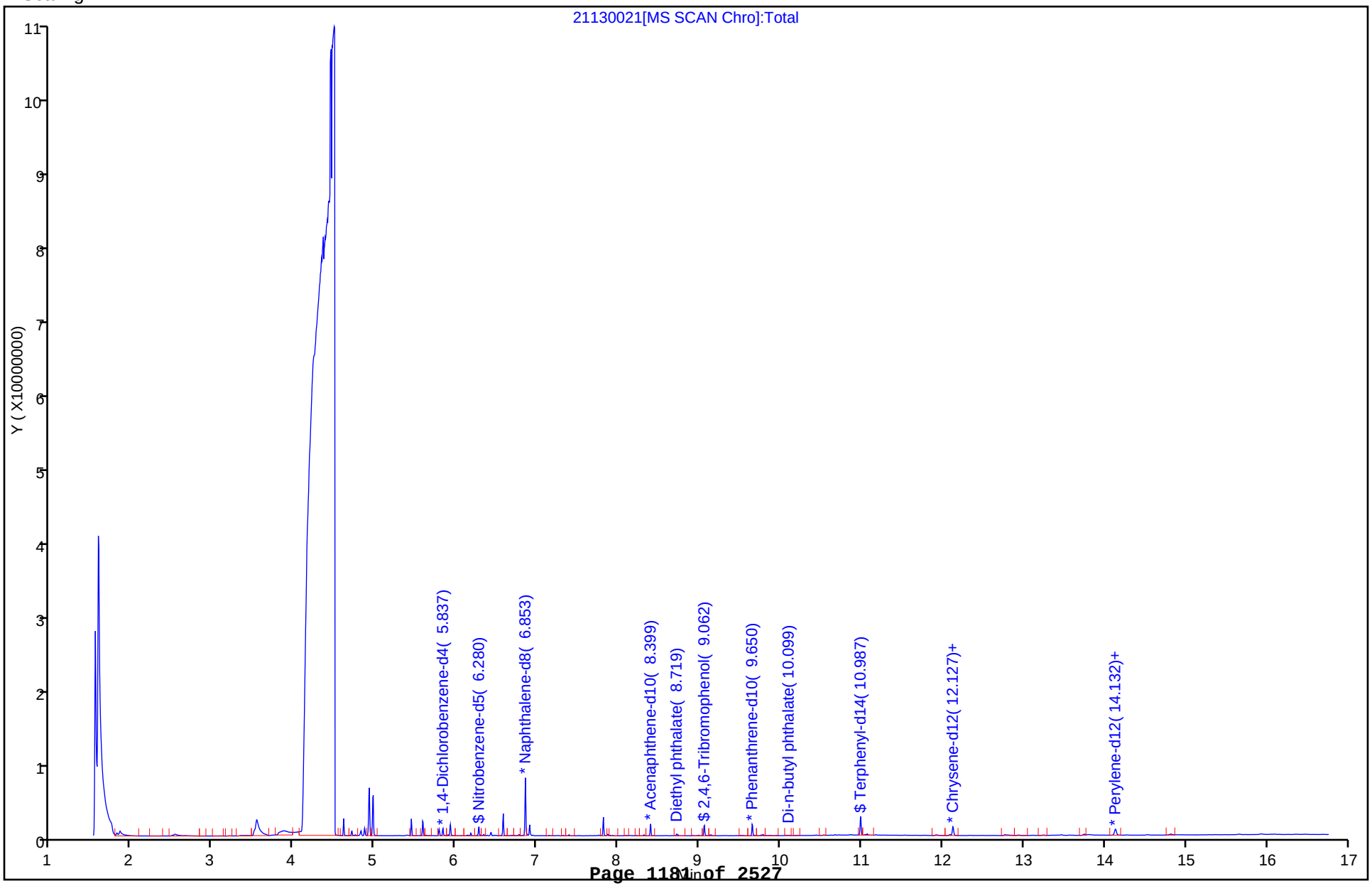
Review Flags
M - Manually Integrated

Report Date: 03-Dec-2012 10:36:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130021.D		
Injection Date:	30-Nov-2012 16:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0039M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

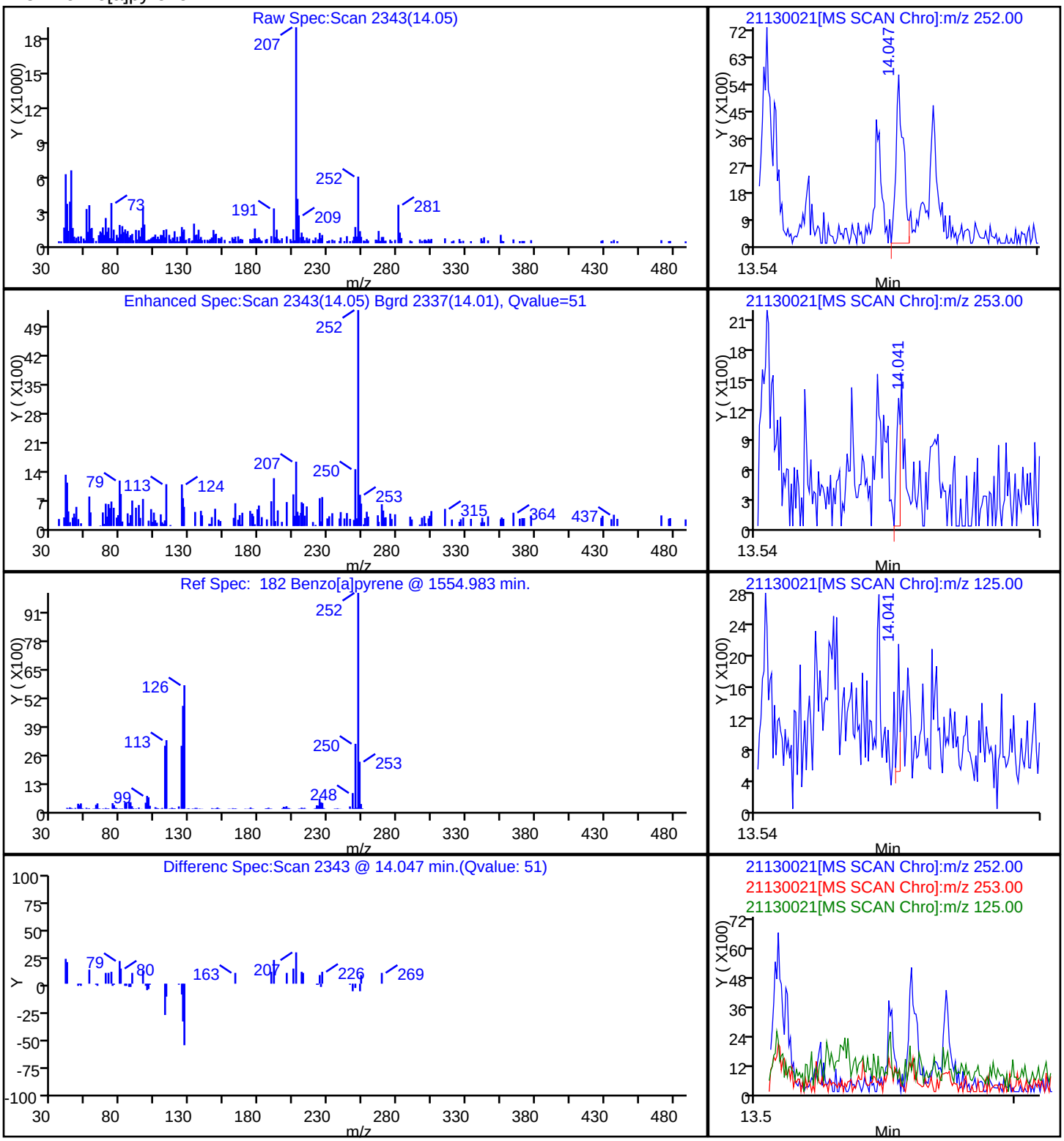


Report Date: 03-Dec-2012 10:36:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130021.D		
Injection Date:	30-Nov-2012 16:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0039M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



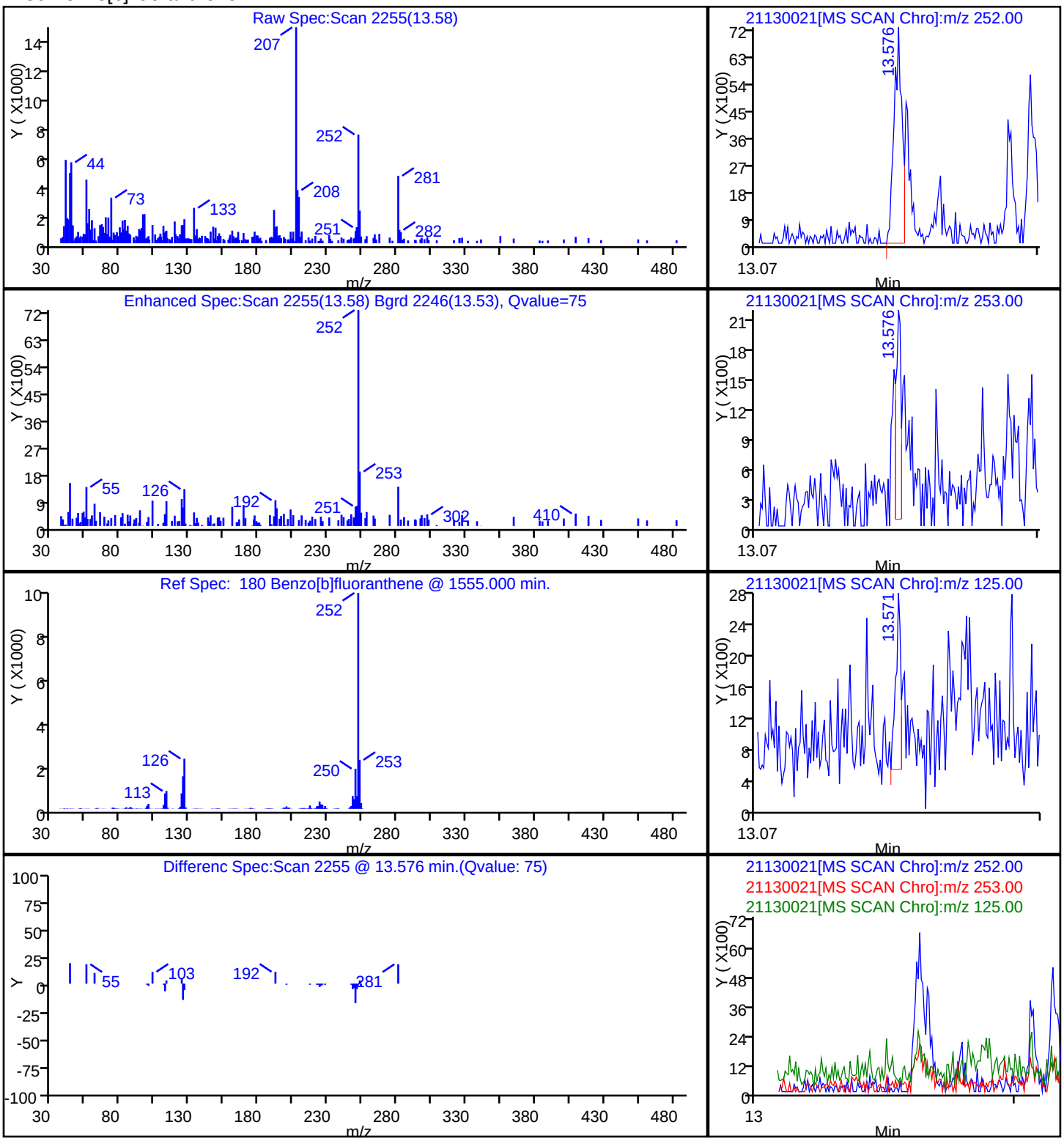
Report Date: 03-Dec-2012 10:36:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130021.D

Injection Date:	30-Nov-2012 16:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0039M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



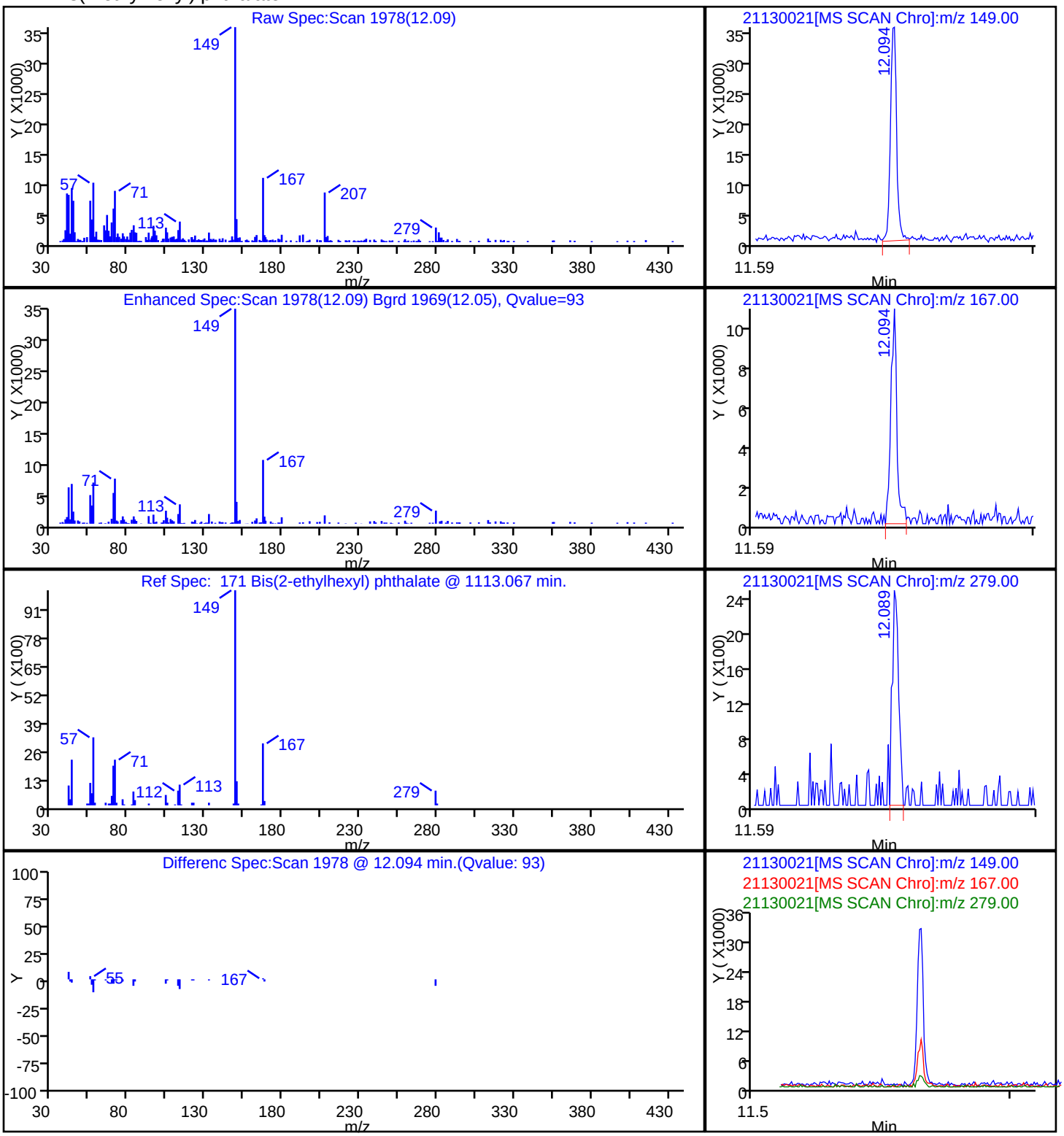
Report Date: 03-Dec-2012 10:36:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130021.D

Injection Date:	30-Nov-2012 16:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0039M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate

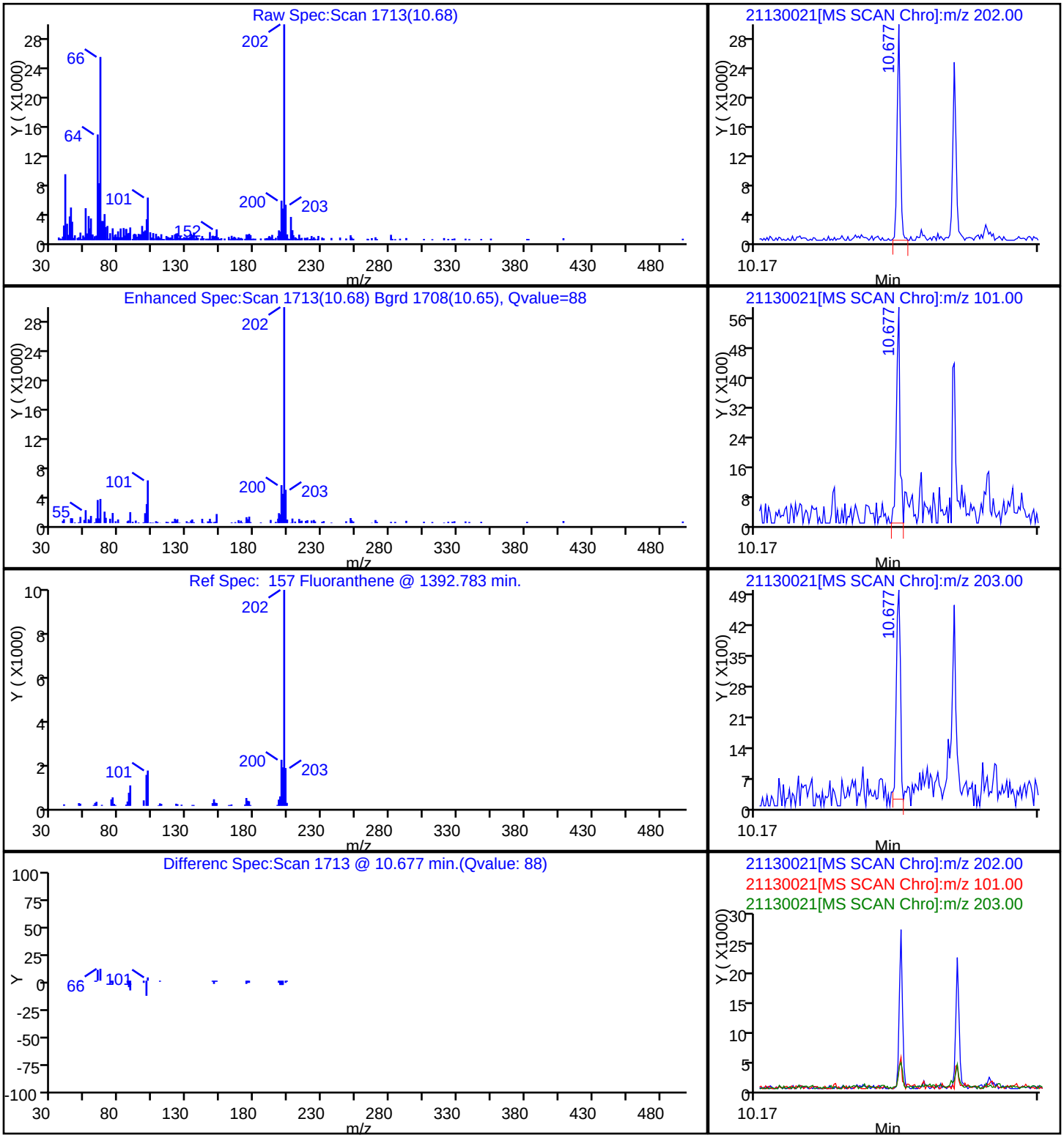


Report Date: 03-Dec-2012 10:36:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130021.D		
Injection Date:	30-Nov-2012 16:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0039M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



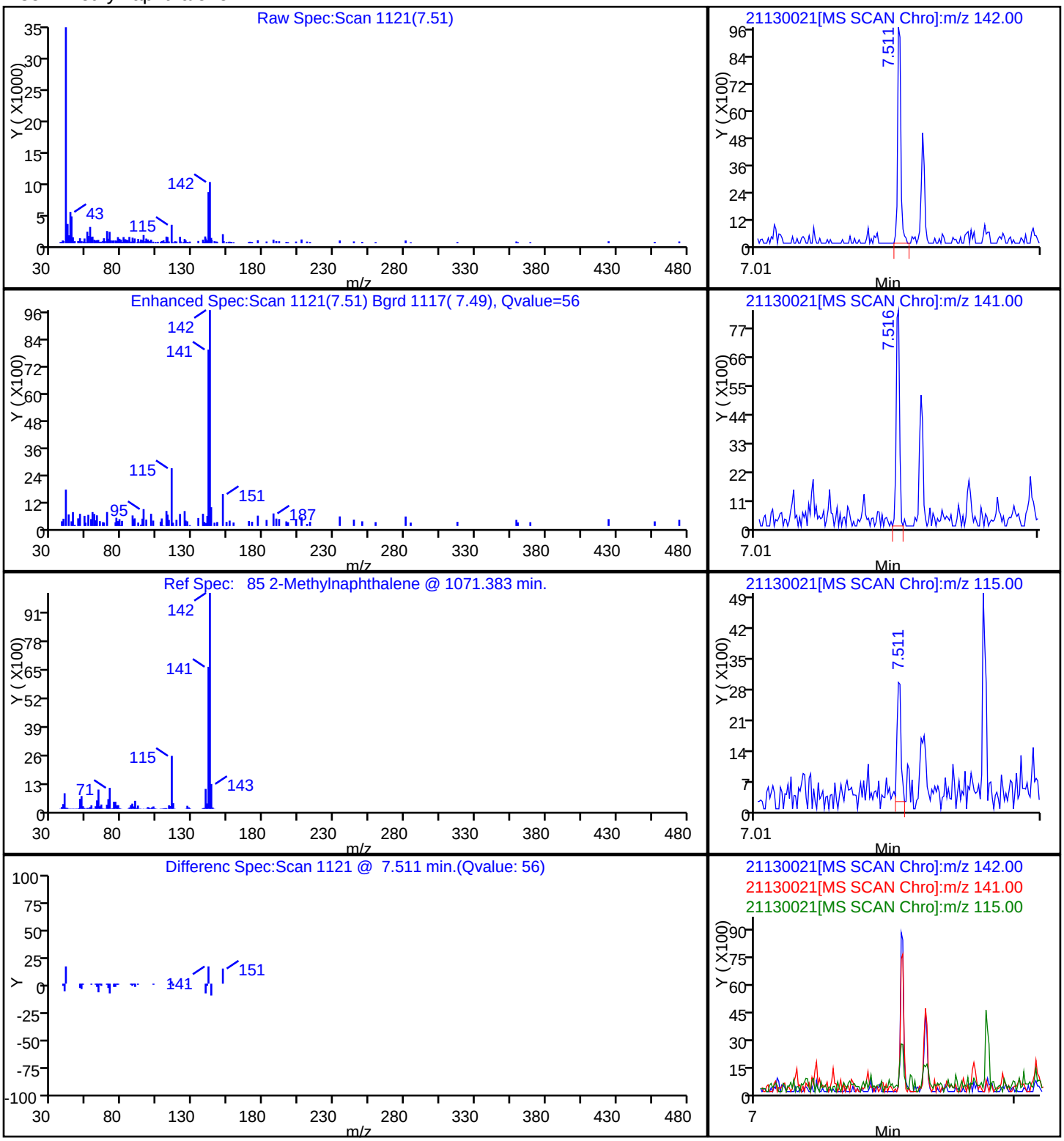
Report Date: 03-Dec-2012 10:36:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130021.D

Injection Date:	30-Nov-2012 16:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0039M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

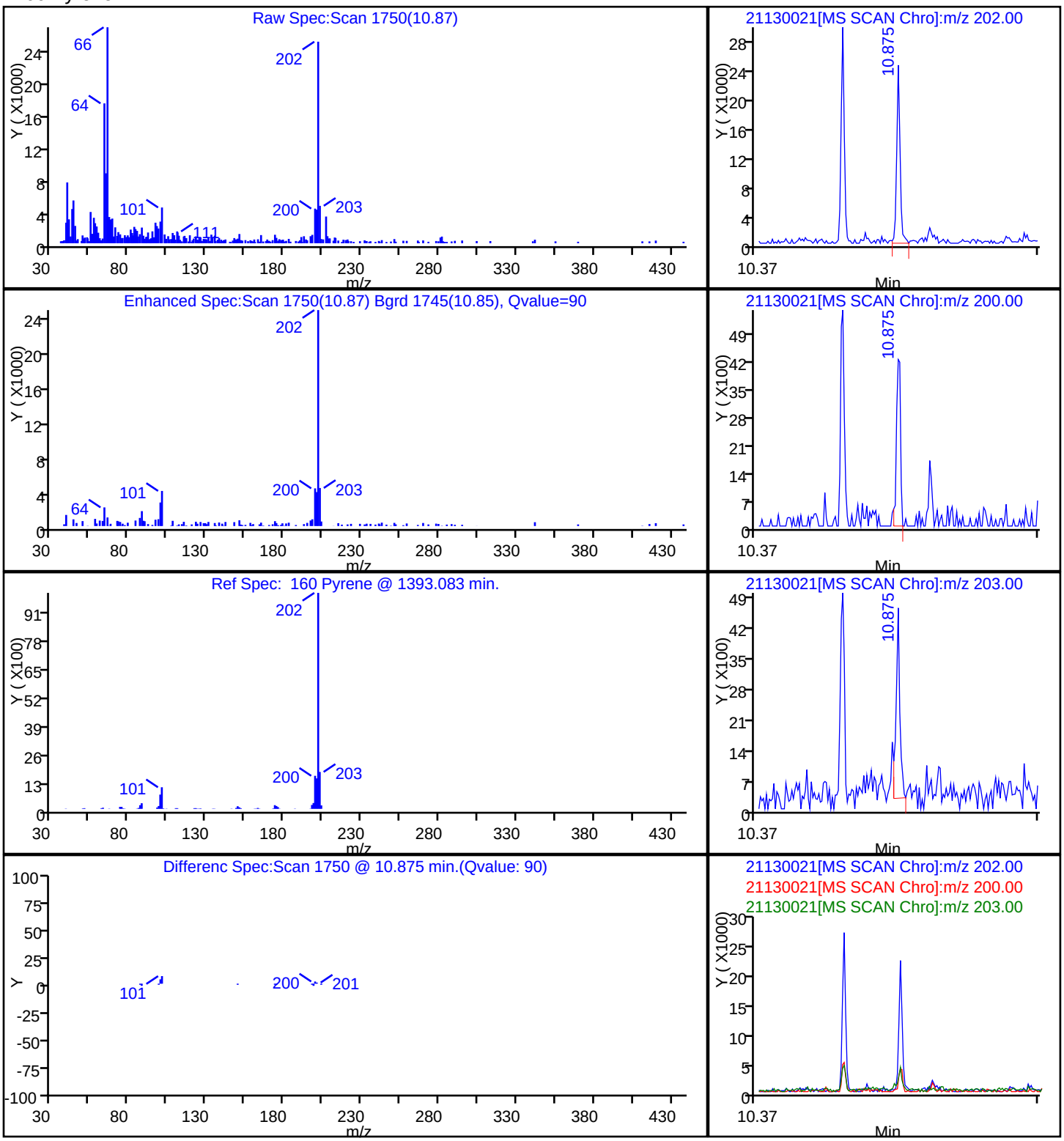


Report Date: 03-Dec-2012 10:36:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130021.D		
Injection Date:	30-Nov-2012 16:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0039M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0040M-0001-SO | Lab Sample ID: 240-17768-12

Matrix: Solid | Lab File ID: 21130010.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:20

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.90(g) | Date Analyzed: 11/30/2012 11:57

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	17	U	33	17	17
208-96-8	Acenaphthylene	17	U	33	17	17
120-12-7	Anthracene	44	D	33	17	17
56-55-3	Benzo[a]anthracene	96	D	33	17	17
50-32-8	Benzo[a]pyrene	100	D	33	17	17
205-99-2	Benzo[b]fluoranthene	100	D	33	17	17
191-24-2	Benzo[g,h,i]perylene	50	D M	33	17	17
65-85-0	Benzoic acid	1700	U	3300	1700	1700
207-08-9	Benzo[k]fluoranthene	34	D M	33	17	17
100-51-6	Benzyl alcohol	140	U	1700	140	110
111-91-1	Bis(2-chloroethoxy)methane	140	U	500	140	110
111-44-4	Bis(2-chloroethyl)ether	17	U	500	17	10
108-60-1	bis (2-chloroisopropyl) ether	140	U	500	140	48
117-81-7	Bis(2-ethylhexyl) phthalate	140	U	250	140	95
101-55-3	4-Bromophenyl phenyl ether	140	U	250	140	65
85-68-7	Butyl benzyl phthalate	140	U	250	140	50
86-74-8	Carbazole	140	U	250	140	140
106-47-8	4-Chloroaniline	140	U	750	140	85
59-50-7	4-Chloro-3-methylphenol	140	U	750	140	110
91-58-7	2-Chloronaphthalene	17	U	250	17	17
95-57-8	2-Chlorophenol	140	U	250	140	140
7005-72-3	4-Chlorophenyl phenyl ether	140	U	250	140	65
218-01-9	Chrysene	87	D	33	17	5.5
53-70-3	Dibenz(a,h)anthracene	17	U	33	17	17
132-64-9	Dibenzofuran	25	J D	250	17	17
95-50-1	1,2-Dichlorobenzene	140	U	250	140	49
541-73-1	1,3-Dichlorobenzene	140	U	250	140	55
106-46-7	1,4-Dichlorobenzene	140	U	250	140	100
91-94-1	3,3'-Dichlorobenzidine	400	U	500	400	90
120-83-2	2,4-Dichlorophenol	140	U	750	140	100
84-66-2	Diethyl phthalate	140	U	250	140	80
105-67-9	2,4-Dimethylphenol	400	U	750	400	100
131-11-3	Dimethyl phthalate	140	U	250	140	85
84-74-2	Di-n-butyl phthalate	140	U	250	140	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0040M-0001-SO | Lab Sample ID: 240-17768-12

Matrix: Solid | Lab File ID: 21130010.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:20

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.90(g) | Date Analyzed: 11/30/2012 11:57

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	400	U	750	400	400
51-28-5	2,4-Dinitrophenol	400	U	1700	400	400
121-14-2	2,4-Dinitrotoluene	140	U	1000	140	140
606-20-2	2,6-Dinitrotoluene	140	U	1000	140	110
117-84-0	Di-n-octyl phthalate	140	U	250	140	140
206-44-0	Fluoranthene	220	D	33	17	17
86-73-7	Fluorene	29	J D	33	17	17
118-74-1	Hexachlorobenzene	17	U	33	17	11
87-68-3	Hexachlorobutadiene	140	U	250	140	140
77-47-4	Hexachlorocyclopentadiene	140	U	1700	140	140
67-72-1	Hexachloroethane	140	U	250	140	45
193-39-5	Indeno[1,2,3-cd]pyrene	73	D M	33	17	17
78-59-1	Isophorone	140	U	250	140	65
91-57-6	2-Methylnaphthalene	20	J D	33	17	17
95-48-7	2-Methylphenol	400	U	1000	400	400
15831-10-4	3 & 4 Methylphenol	400	U	2000	400	100
91-20-3	Naphthalene	34	D	33	17	17
88-74-4	2-Nitroaniline	140	U	1000	140	46
99-09-2	3-Nitroaniline	400	U	1000	400	80
100-01-6	4-Nitroaniline	140	U	1000	140	130
98-95-3	Nitrobenzene	17	U	500	17	11
88-75-5	2-Nitrophenol	140	U	250	140	140
100-02-7	4-Nitrophenol	400	U	1700	400	400
621-64-7	N-Nitrosodi-n-propylamine	140	U	250	140	140
86-30-6	N-Nitrosodiphenylamine	140	U	250	140	110
87-86-5	Pentachlorophenol	400	U	750	400	400
85-01-8	Phenanthrene	230	D	33	17	17
108-95-2	Phenol	140	U	250	140	140
129-00-0	Pyrene	180	D	33	17	17
120-82-1	1,2,4-Trichlorobenzene	140	U	250	140	140
95-95-4	2,4,5-Trichlorophenol	140	U	750	140	130
88-06-2	2,4,6-Trichlorophenol	400	U	750	400	400

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0040M-0001-SO | Lab Sample ID: 240-17768-12

Matrix: Solid | Lab File ID: 21130010.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:20

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.90(g) | Date Analyzed: 11/30/2012 11:57

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	58		45-105
367-12-4	2-Fluorophenol (Surr)	67		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	64		35-100
4165-62-2	Phenol-d5 (Surr)	69		40-100
1718-51-0	Terphenyl-d14 (Surr)	69		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	68		35-125

Report Date: 03-Dec-2012 10:35:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D
Lims ID: 240-17768-E-12-D Client ID: 076SB-0040M-0001-SO
Inject. Date: 30-Nov-2012 11:57:30 Dil. Factor: 5.0000
Sample Type: Client
Sample ID: 240-0015418-010
Misc. Info.: 240-17768-e-12-d
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 66878 Lims Sample ID: 10
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m
Last Update: 03-Dec-2012 10:35:45 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: XAWRK014

First Level Reviewer: gruberj Date: 30-Nov-2012 13:39:29

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.783	5.778	0.005	96	135943	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	99	525299	4.00	
* 3 Acenaphthene-d10	164	8.398	8.399	-0.001	91	314511	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	98	538896	4.00	
* 5 Chrysene-d12	240	12.126	12.132	-0.006	97	543919	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	92	505952	4.00	
$ 7 2-Fluorophenol	112	4.531	4.494	0.037	91	84405	2.01	
$ 8 Phenol-d5	99	5.435	5.425	0.010	95	109836	2.06	
$ 9 Nitrobenzene-d5	82	6.270	6.270	0.0	87	58720	1.27	
$ 10 2-Fluorobiphenyl (Surr)	172	7.815	7.816	-0.001	98	118630	1.16	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	90	26591	2.04	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	97	138550	1.38	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					
46 2-Chlorophenol	128		5.585					
47 1,3-Dichlorobenzene	146		5.724					9
48 1,4-Dichlorobenzene	146		5.794					9
49 Benzyl alcohol	108		5.895					9
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					9
52 2,2'-oxybis[1-chloropropane]	45		6.019					9
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					
60 Hexachloroethane	117		6.238					
61 Nitrobenzene	77		6.291					9
63 Isophorone	82		6.495					
65 2-Nitrophenol	139		6.569					9
64 2,4-Dimethylphenol	107		6.591					9
69 Benzoic acid	122		6.660					
68 Bis(2-chloroethoxy)methane	93		6.676					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128	6.922	6.922	0.0	63	13476	0.1027	
74 4-Chloroaniline	127		6.960					9
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					
85 2-Methylnaphthalene	142	7.511	7.511	0.0	40	4940	0.0588	
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					
91 2,4,5-Trichlorophenol	196		7.778					
98 2-Chloronaphthalene	162		7.928					
100 2-Nitroaniline	65		8.003					9
103 Dimethyl phthalate	163		8.147					9
105 2,6-Dinitrotoluene	165		8.201					
107 Acenaphthylene	152		8.281					9
108 3-Nitroaniline	138		8.351					
110 Acenaphthene	153		8.425					9
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					9
112 2,4-Dinitrotoluene	165		8.543					
114 Dibenzofuran	168	8.570	8.570	0.0	85	9697	0.0757	
119 Diethyl phthalate	149		8.736					9
121 4-Chlorophenyl phenyl ether	204		8.848					
124 Fluorene	166	8.858	8.859	-0.001	69	8767	0.0853	
123 4-Nitroaniline	138		8.864					
126 4,6-Dinitro-2-methylphenol	198		8.885					
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					
146 Phenanthrene	178	9.671	9.672	-0.001	97	100398	0.6819	
147 Anthracene	178	9.714	9.714	0.0	89	19183	0.1311	
149 Carbazole	167	9.843	9.843	0.0	63	10905	0.0767	
151 Di-n-butyl phthalate	149		10.105					
157 Fluoranthene	202	10.677	10.677	0.0	97	108497	0.6673	
160 Pyrene	202	10.875	10.875	0.0	97	93274	0.5374	
166 Butyl benzyl phthalate	149		11.447					9
173 3,3'-Dichlorobenzidine	252		12.068					
171 Bis(2-ethylhexyl) phthalate	149		12.089					
175 Benzo[a]anthracene	228	12.116	12.116	0.0	86	43733	0.2881	
176 Chrysene	228	12.159	12.164	-0.005	72	37567	0.2597	
178 Di-n-octyl phthalate	149		12.961					
180 Benzo[b]fluoranthene	252	13.571	13.565	0.006	87	48326	0.2994	
181 Benzo[k]fluoranthene	252	13.603	13.608	-0.005	93	17577	0.1002	M
182 Benzo[a]pyrene	252	14.052	14.052	0.0	67	32490	0.3120	
186 Indeno[1,2,3-cd]pyrene	276	15.748	15.742	0.006	70	24506	0.2175	M
187 Dibenz(a,h)anthracene	278		15.769					
188 Benzo[g,h,i]perylene	276	16.149	16.154	-0.005	73	21586	0.1490	M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

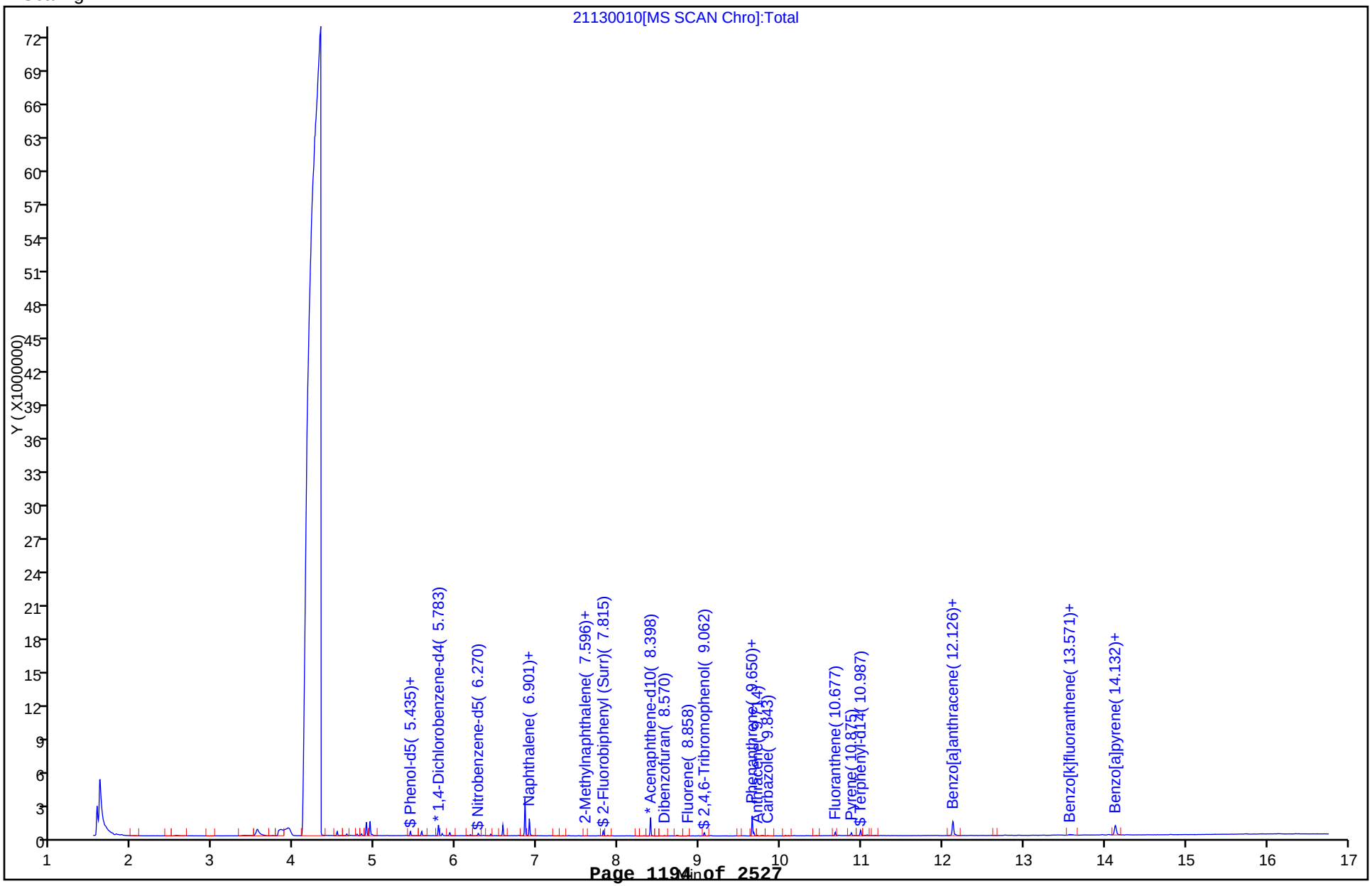
Report Date: 03-Dec-2012 10:35:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D

Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



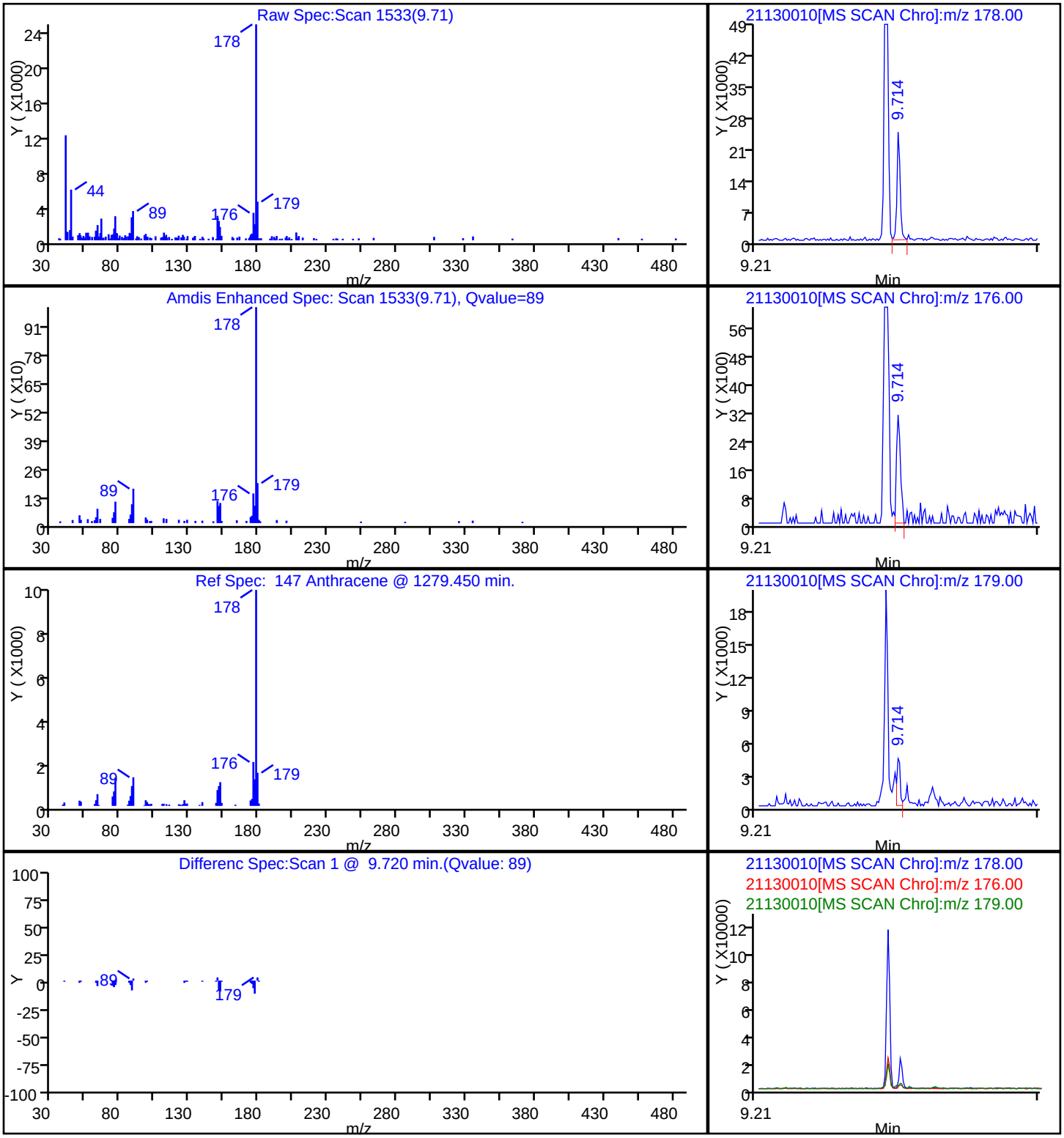
Report Date: 03-Dec-2012 10:35:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D

Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



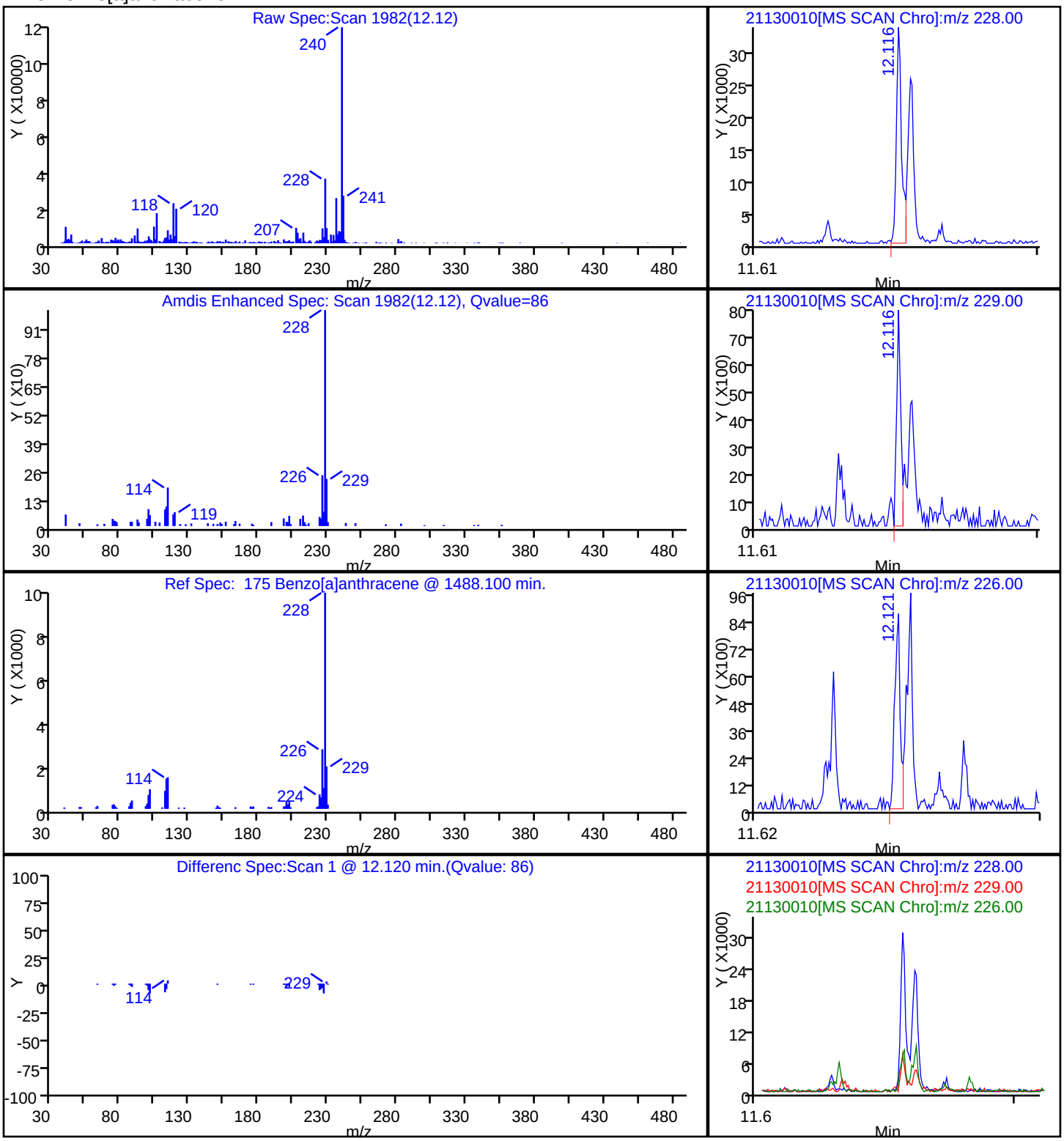
Report Date: 03-Dec-2012 10:35:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D

Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

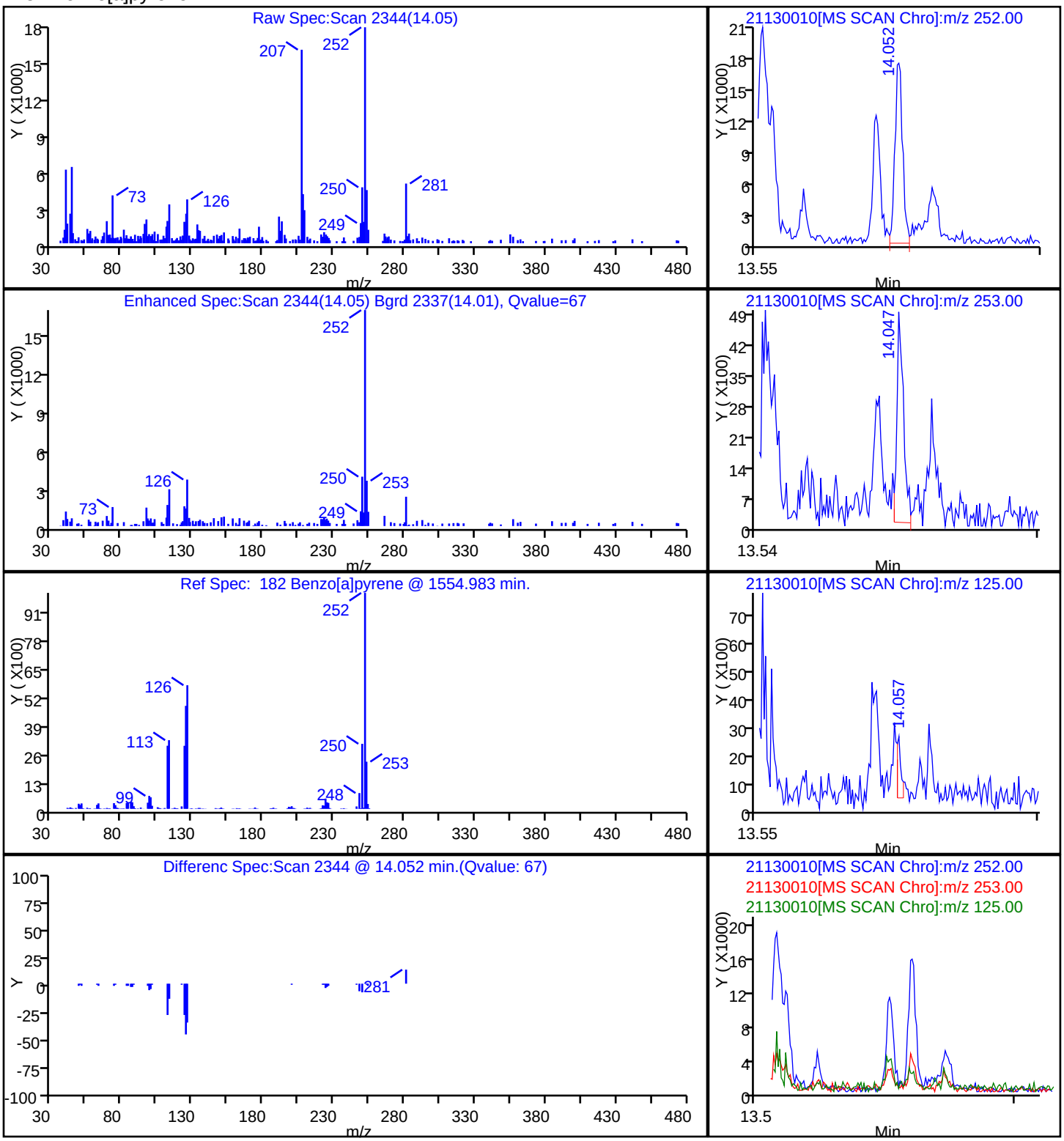


Report Date: 03-Dec-2012 10:35:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D		
Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

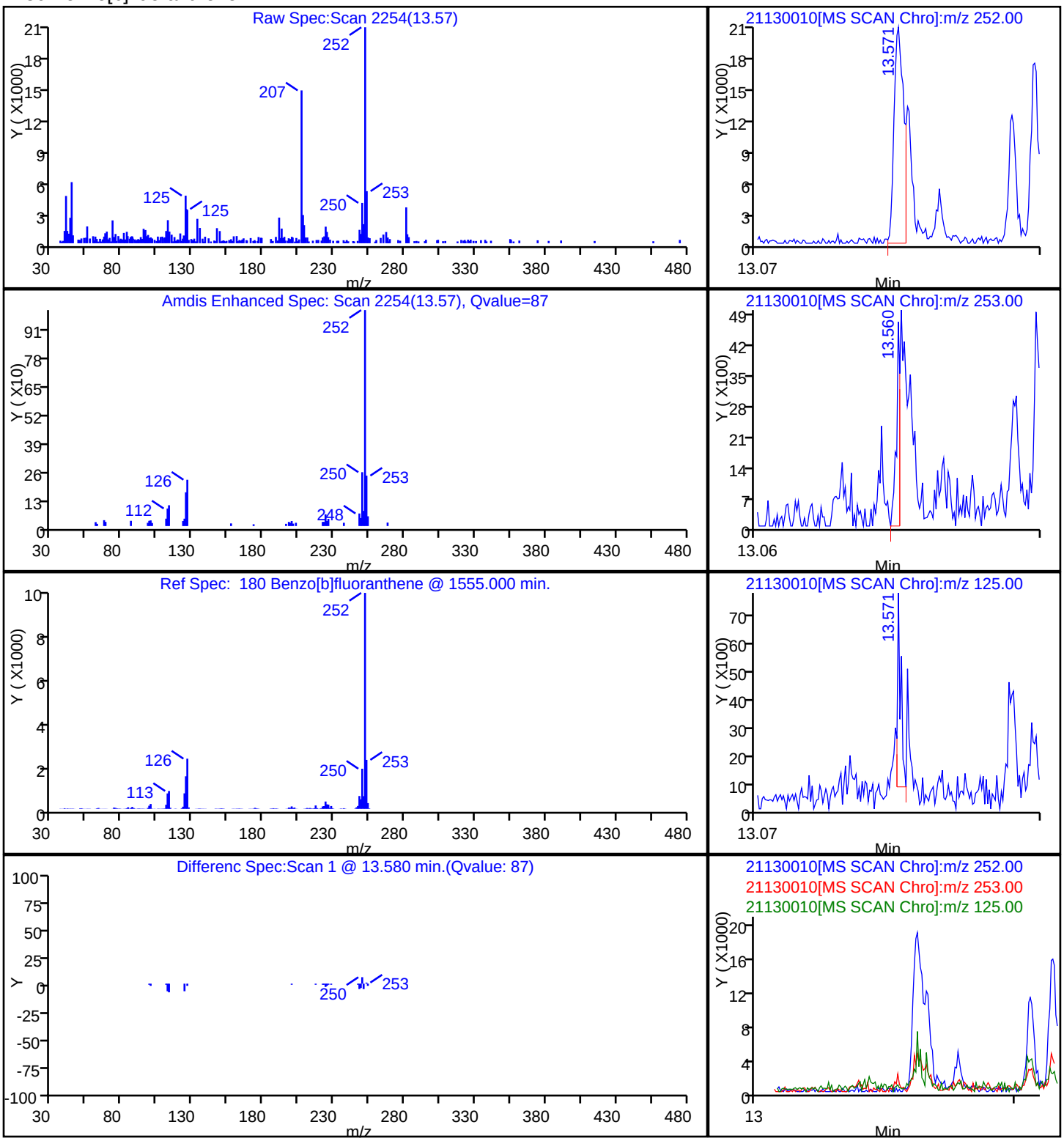


Report Date: 03-Dec-2012 10:35:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D		
Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



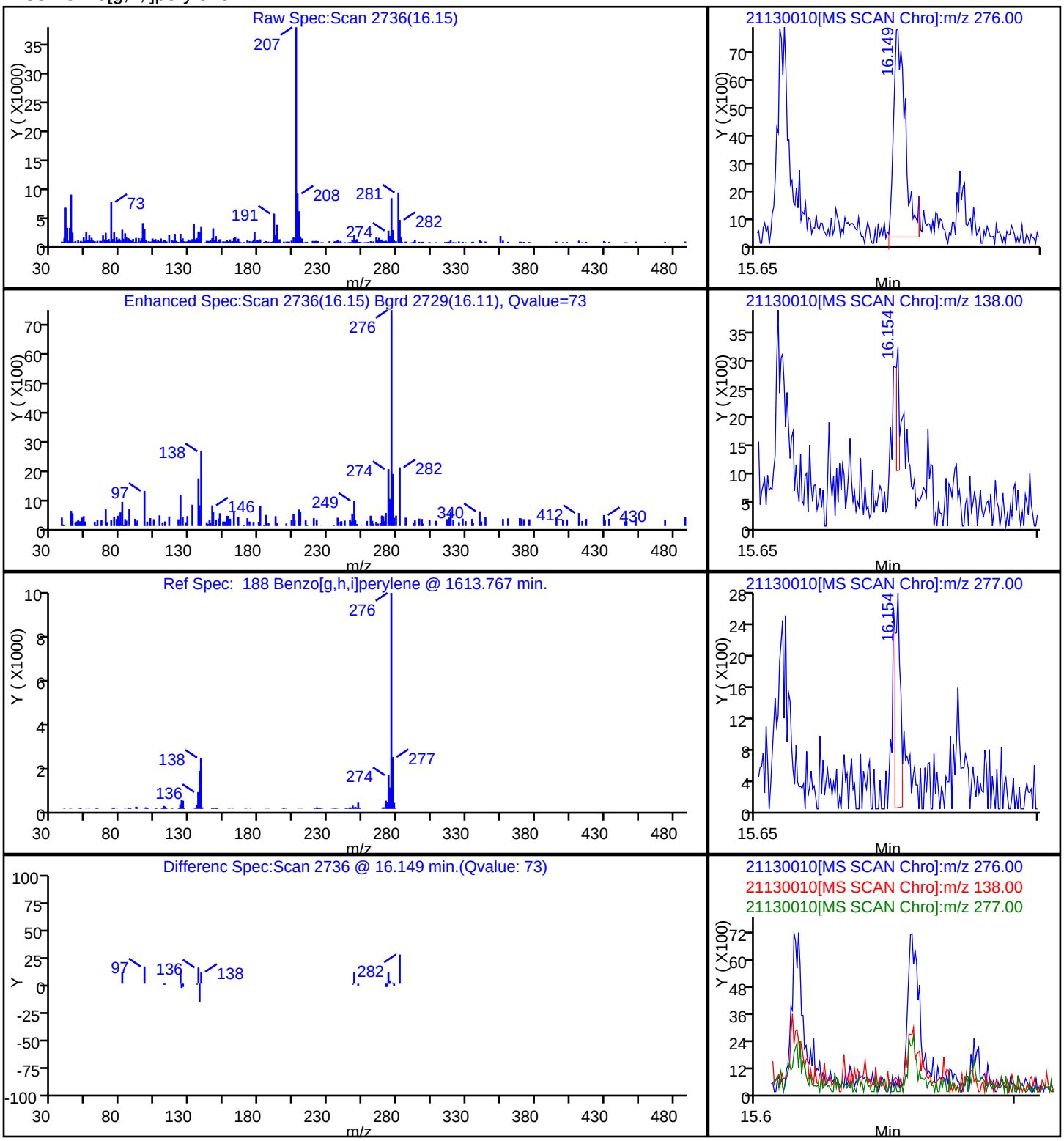
Report Date: 03-Dec-2012 10:35:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D

Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



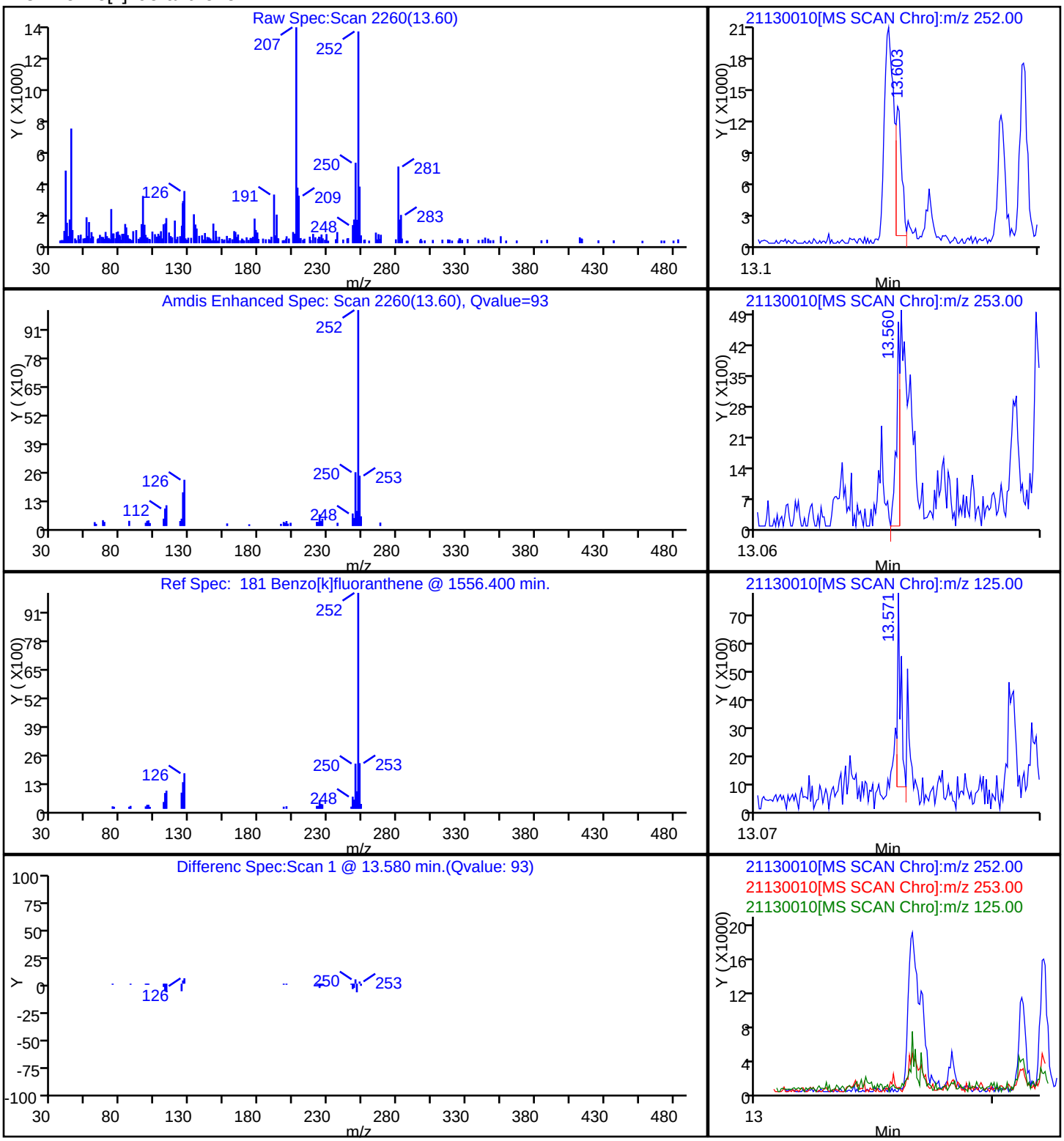
Report Date: 03-Dec-2012 10:35:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D

Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

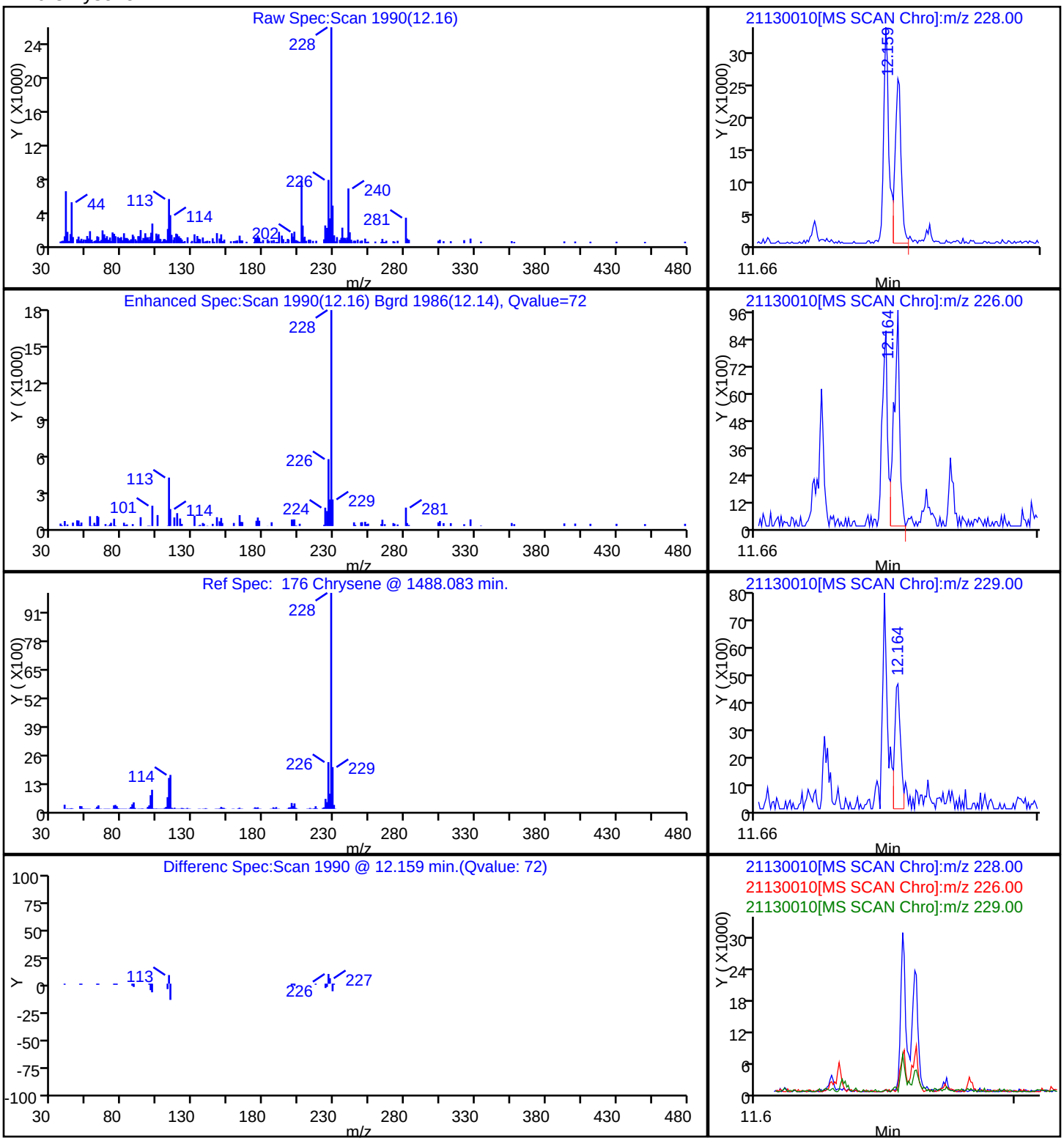


Report Date: 03-Dec-2012 10:35:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D		
Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene

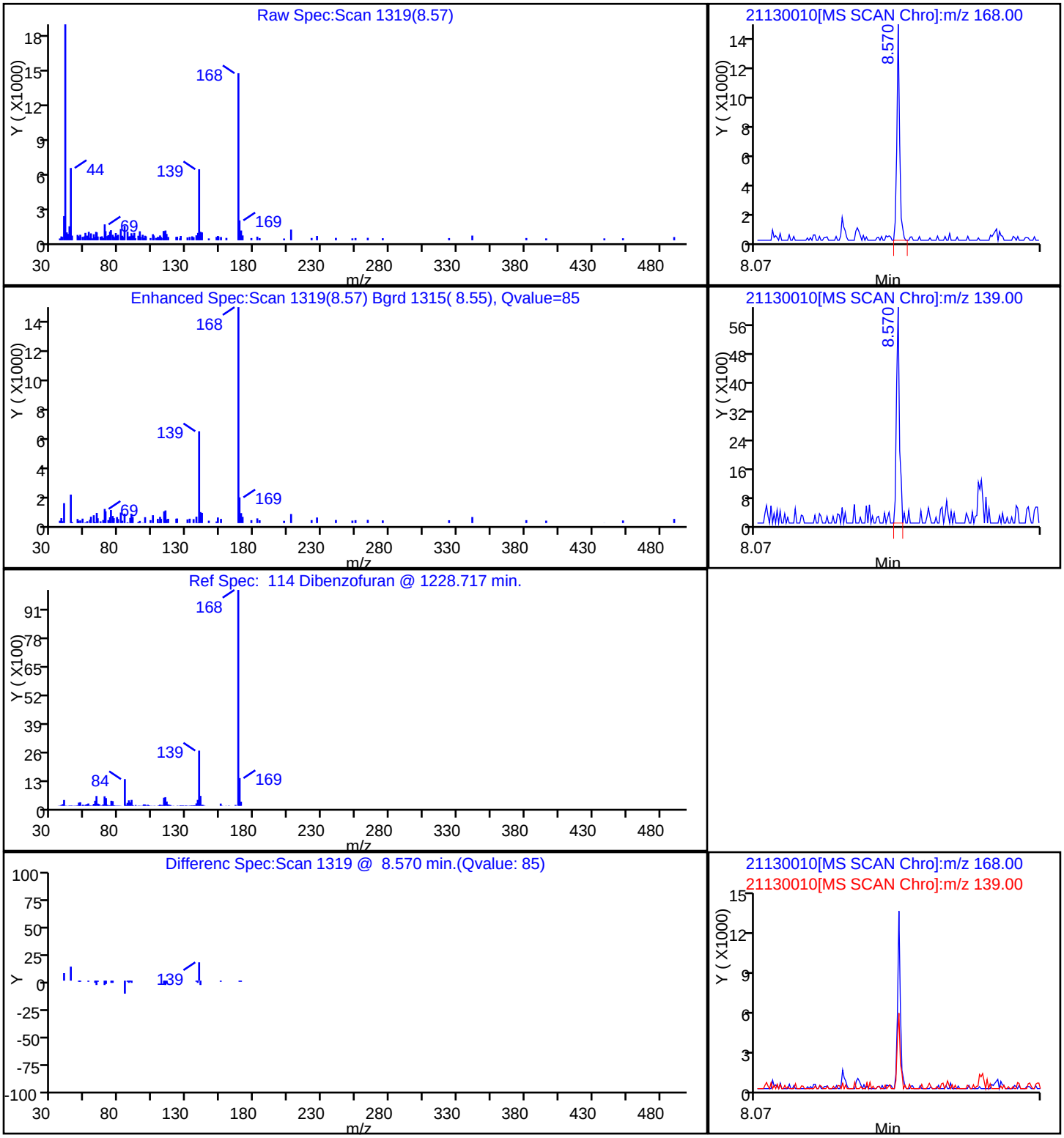


Report Date: 03-Dec-2012 10:35:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D		
Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



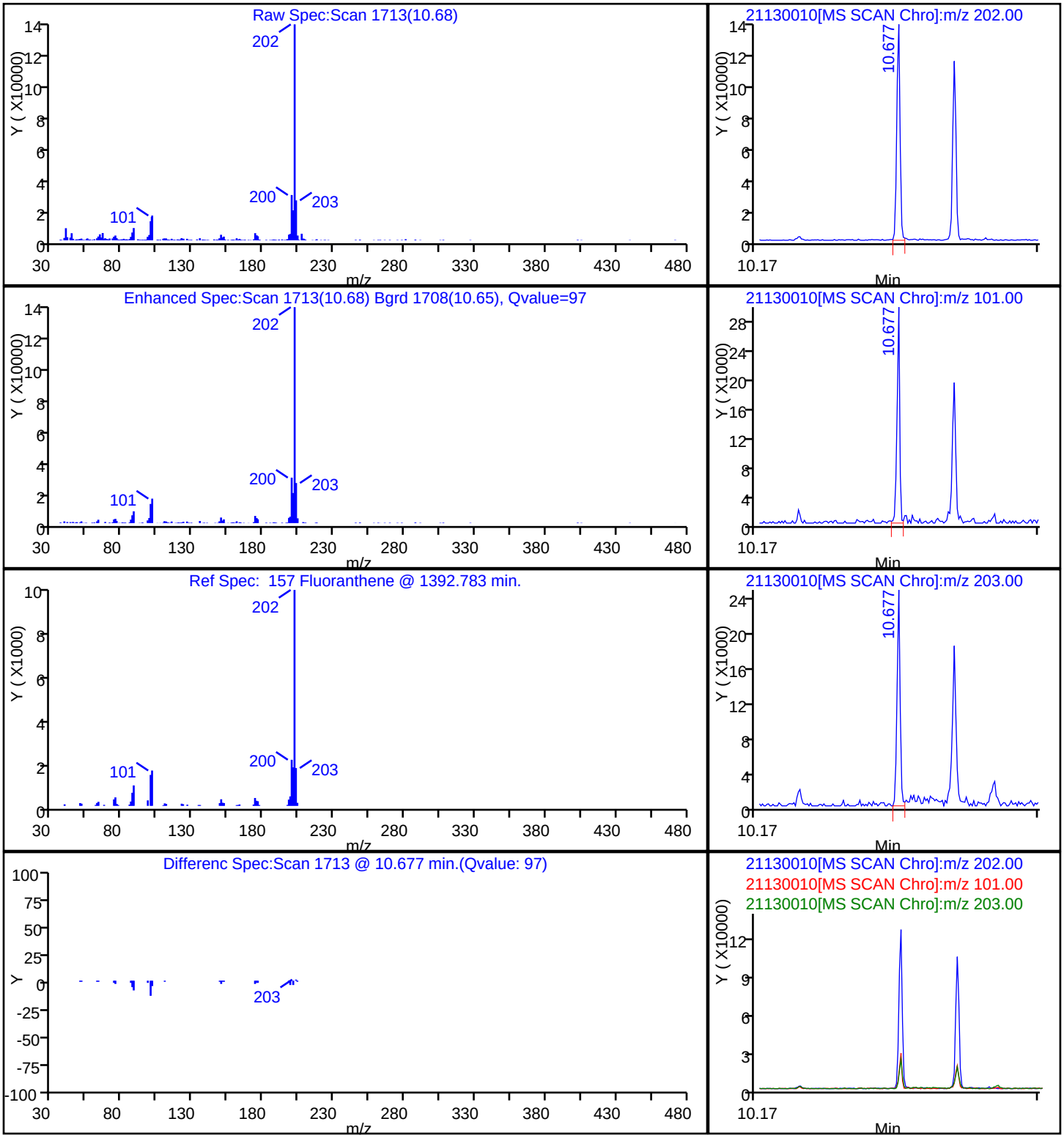
Report Date: 03-Dec-2012 10:35:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D

Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



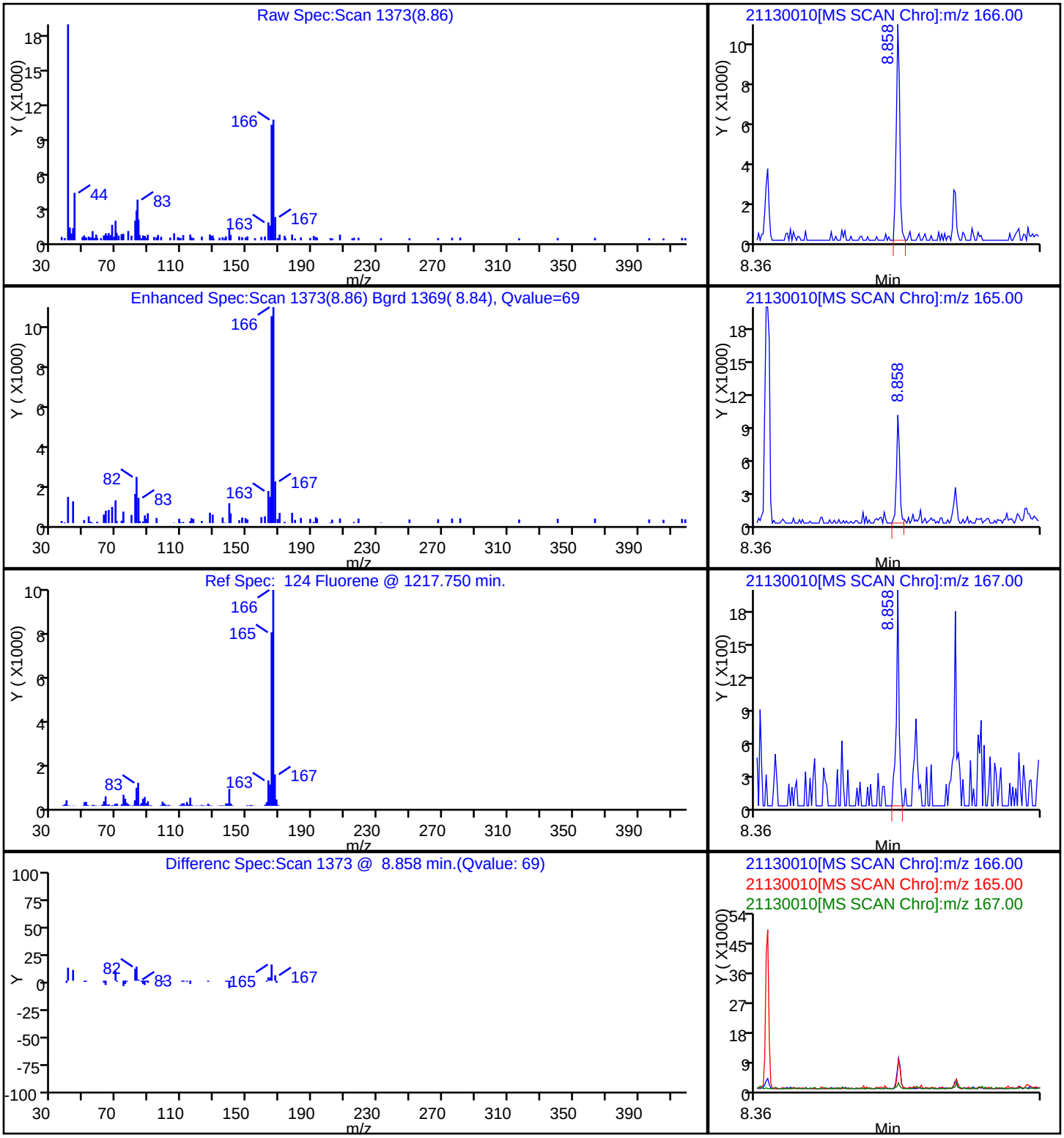
Report Date: 03-Dec-2012 10:35:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D

Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene

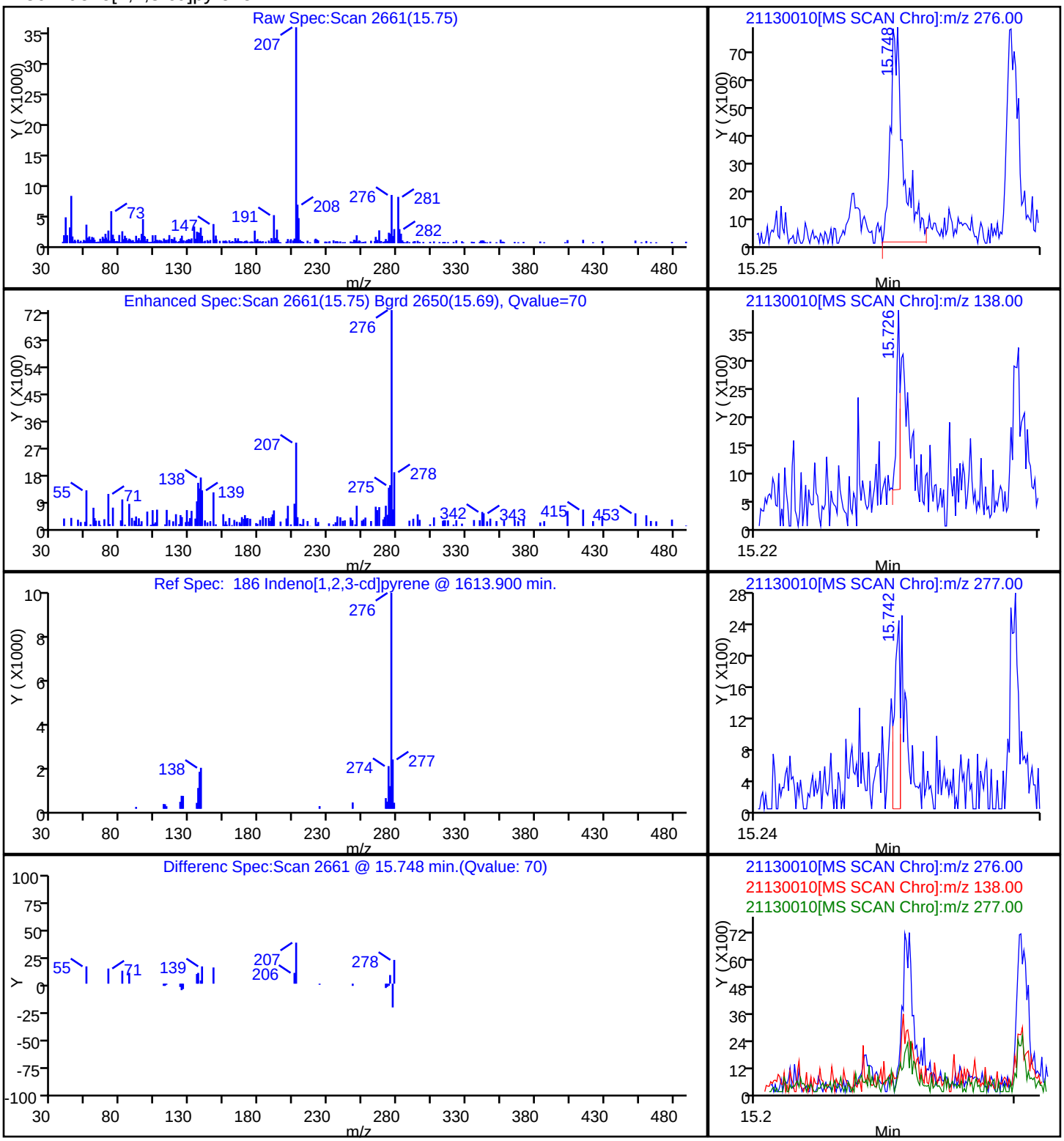


Report Date: 03-Dec-2012 10:35:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D		
Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



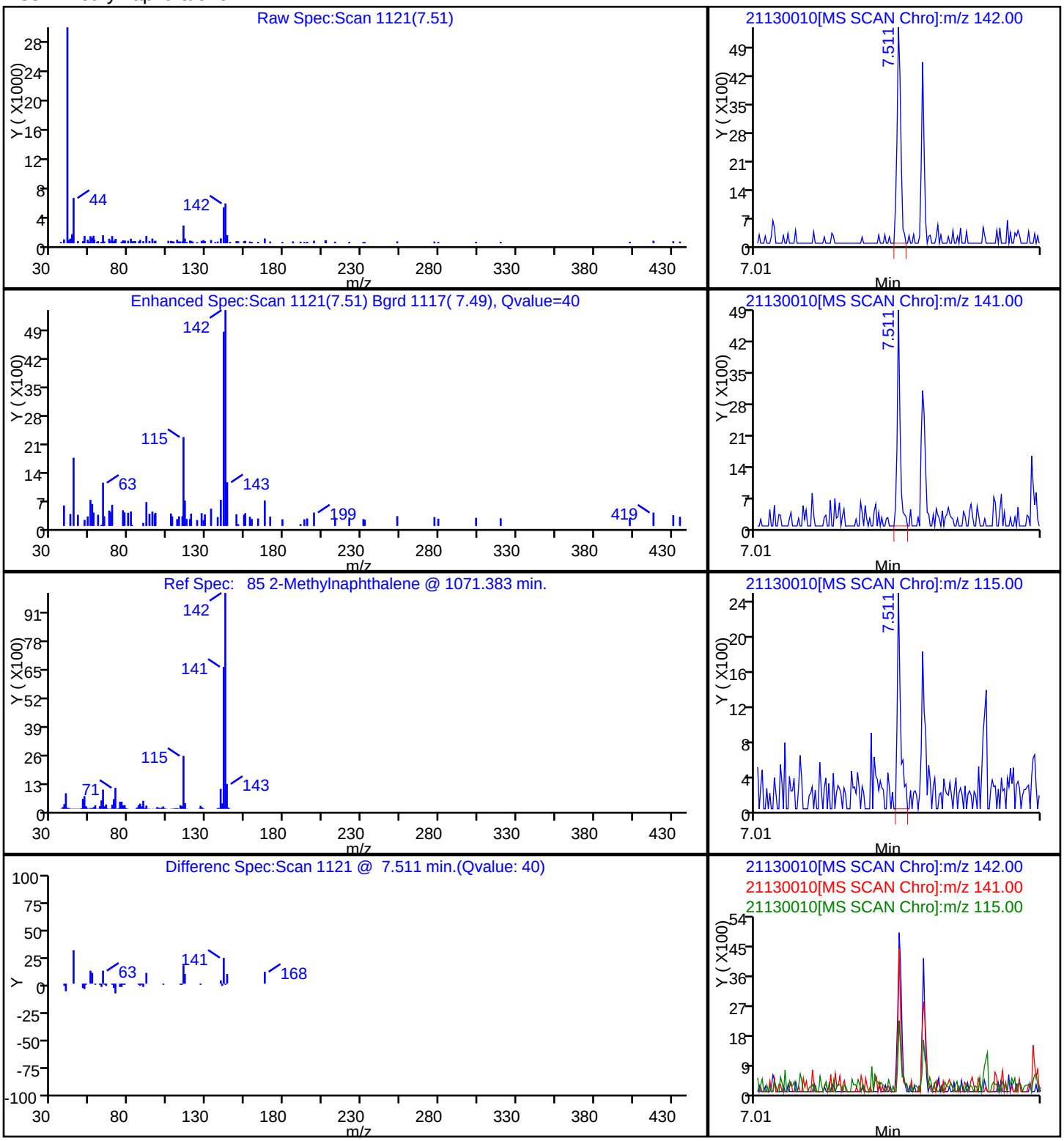
Report Date: 03-Dec-2012 10:35:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D

Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



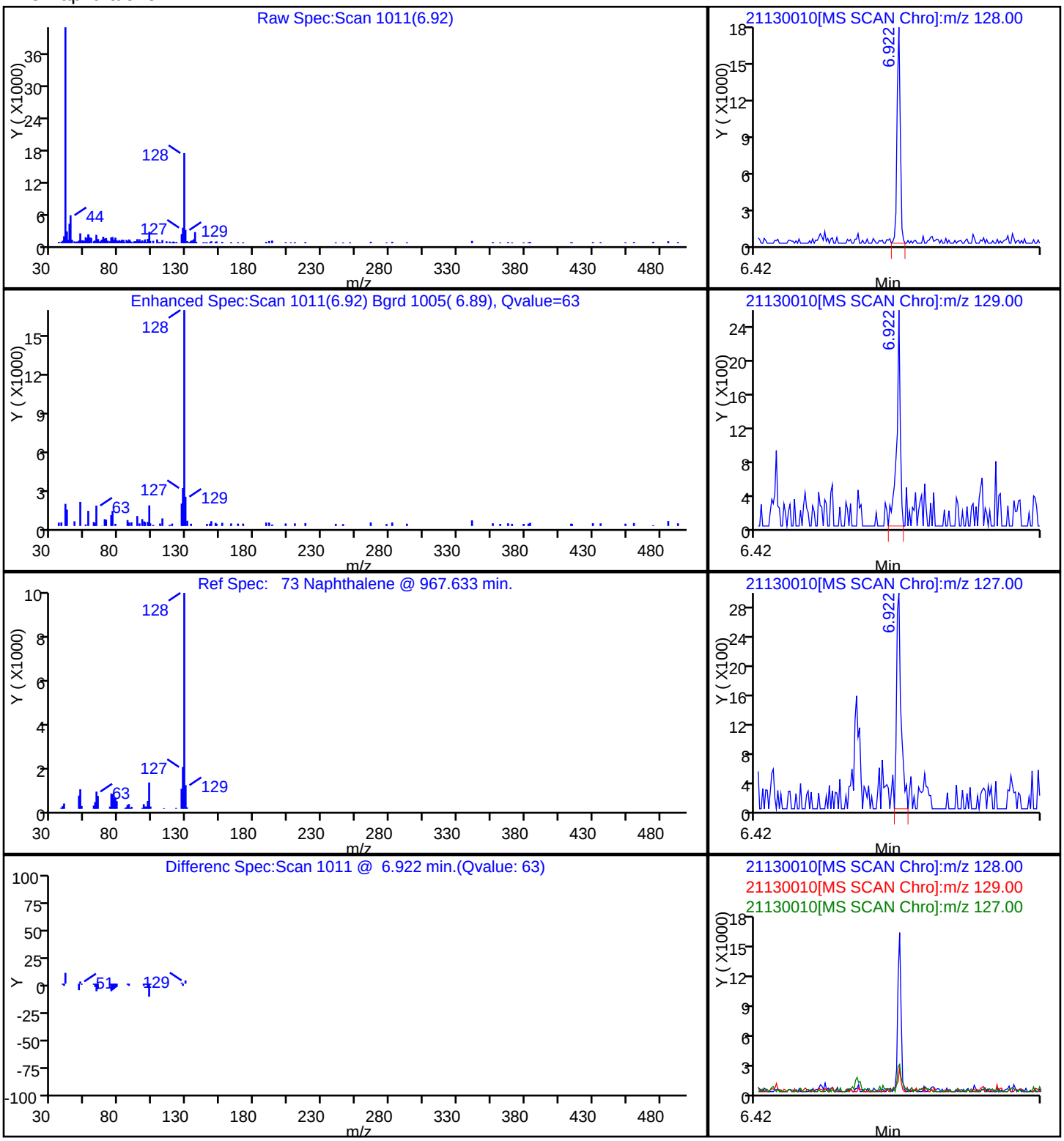
Report Date: 03-Dec-2012 10:35:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D

Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene

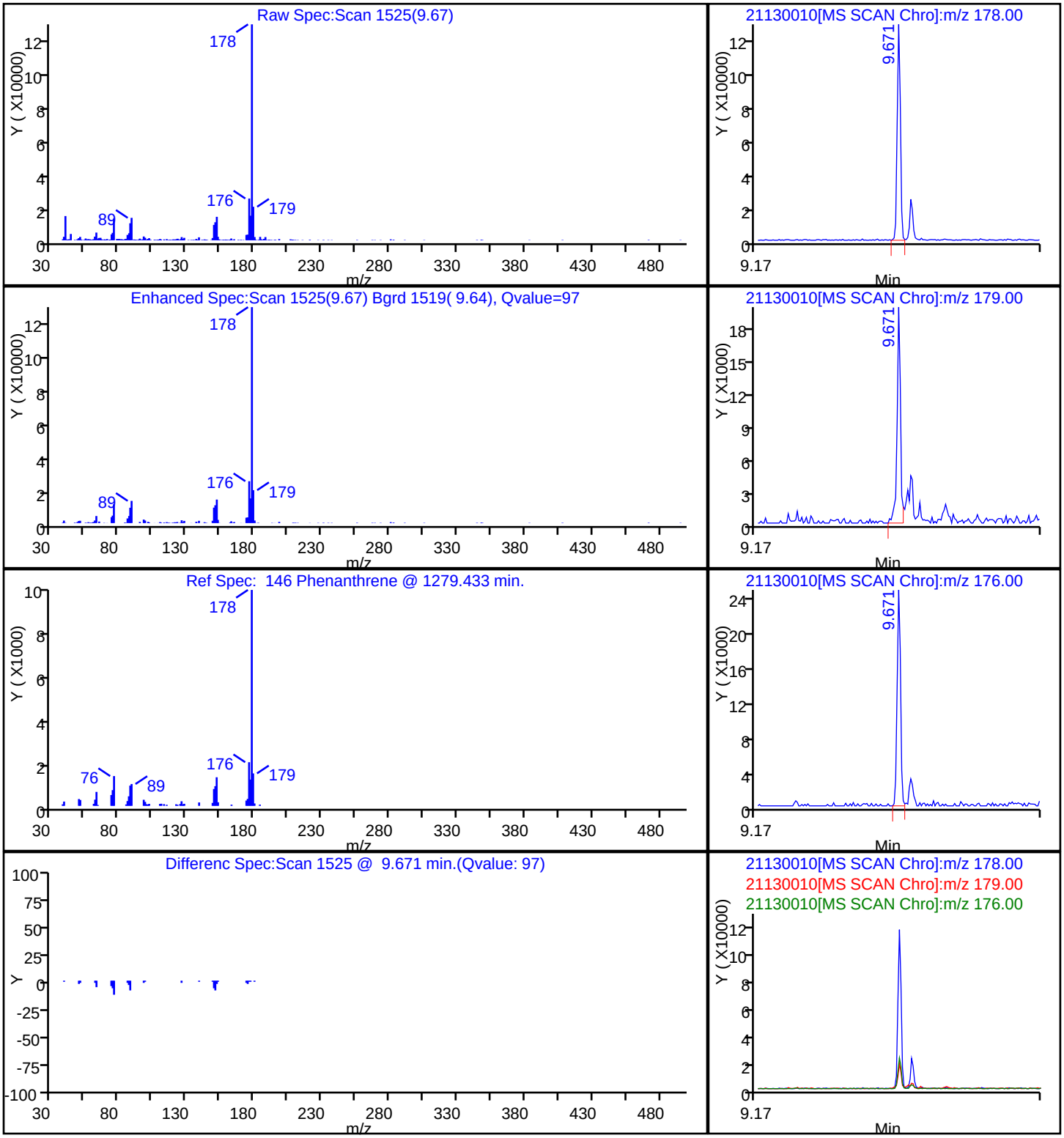


Report Date: 03-Dec-2012 10:35:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D		
Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



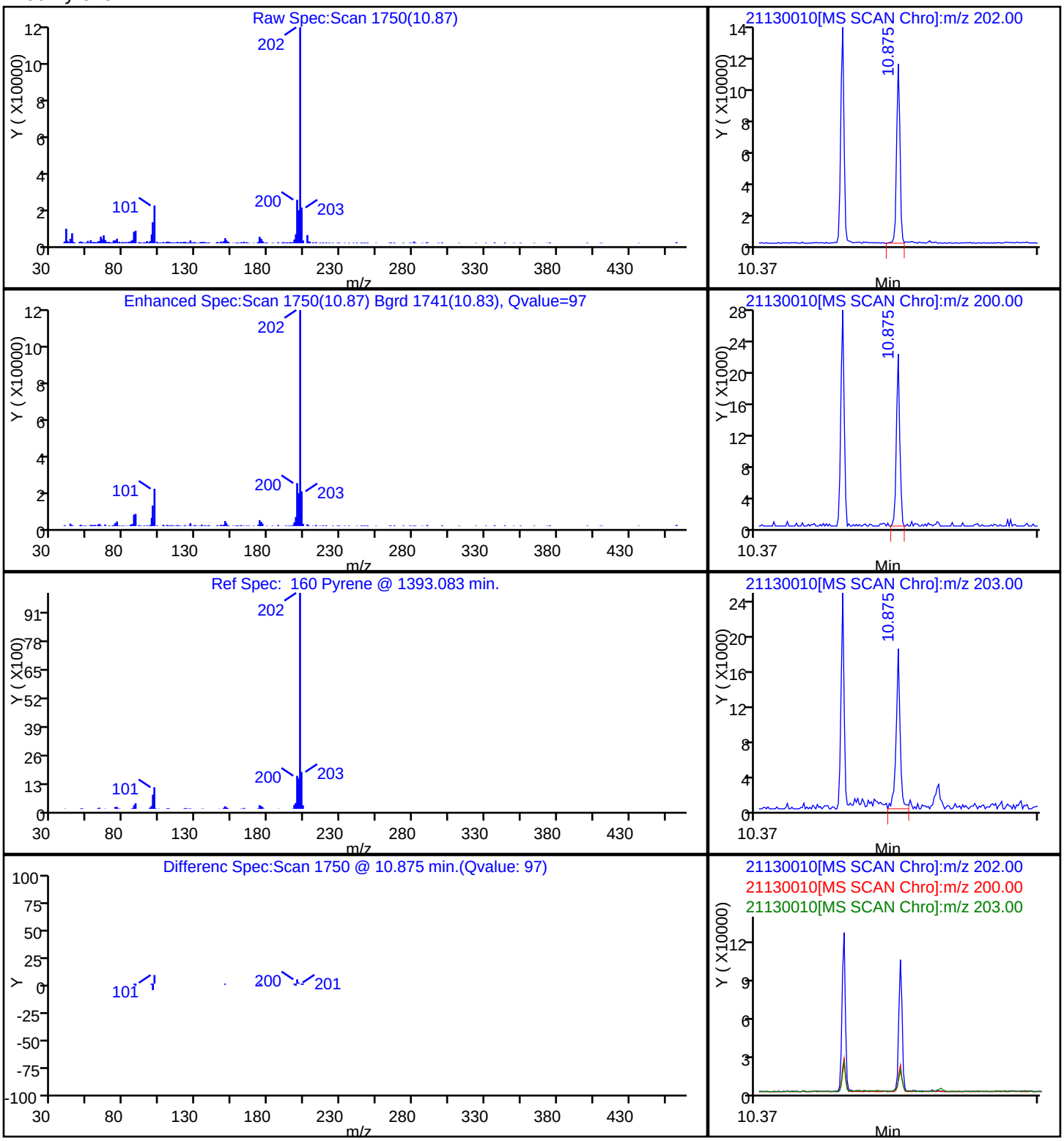
Report Date: 03-Dec-2012 10:35:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D

Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

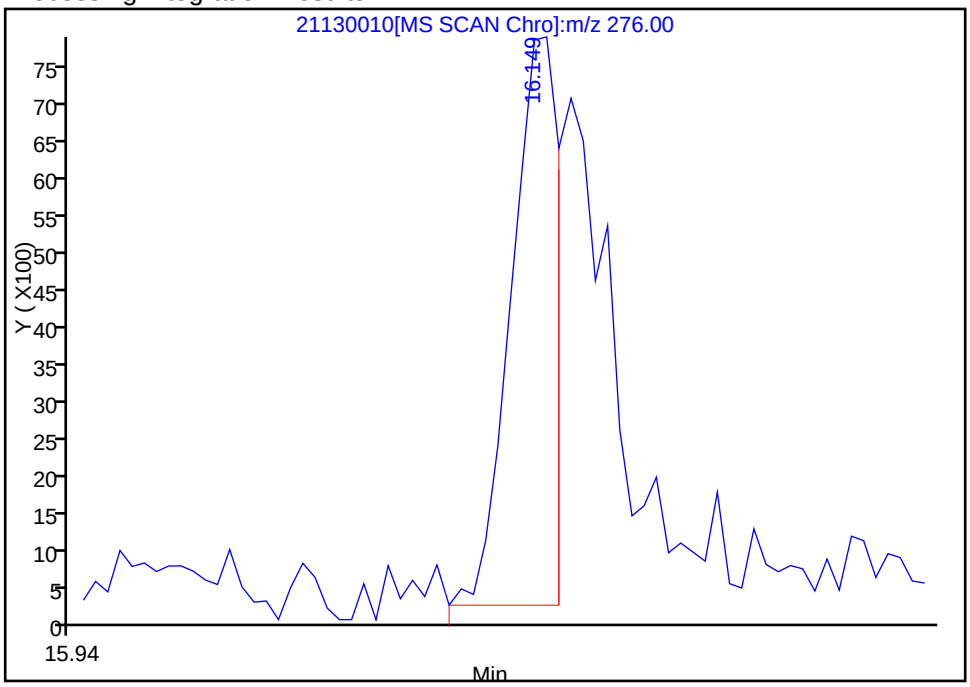
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D		
Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
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: 16.15

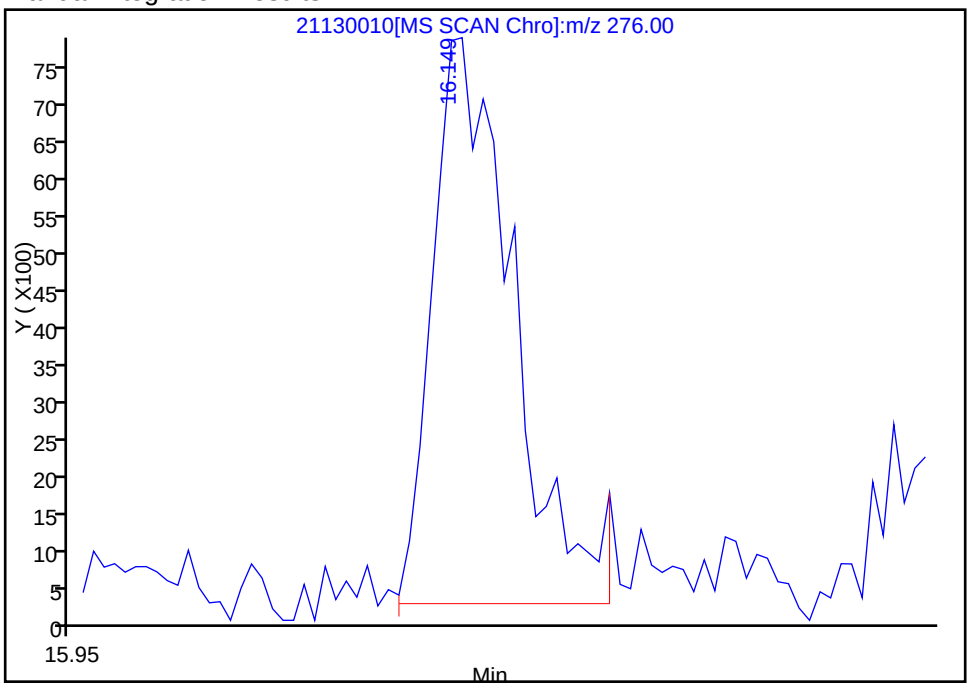
Processing Integration Results

RT: 16.15
Response: 11122
Amount: 0.076782



Manual Integration Results

RT: 16.15
Response: 21586
Amount: 0.149021



Reviewer: gruberj, 30-Nov-2012 13:39:29
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

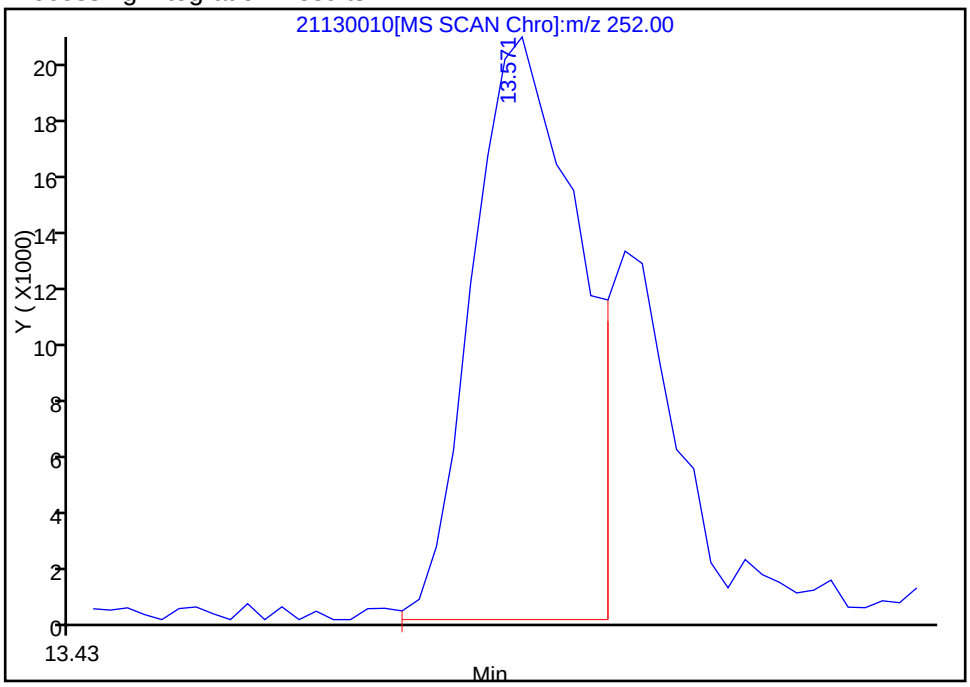
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D		
Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
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: 13.61

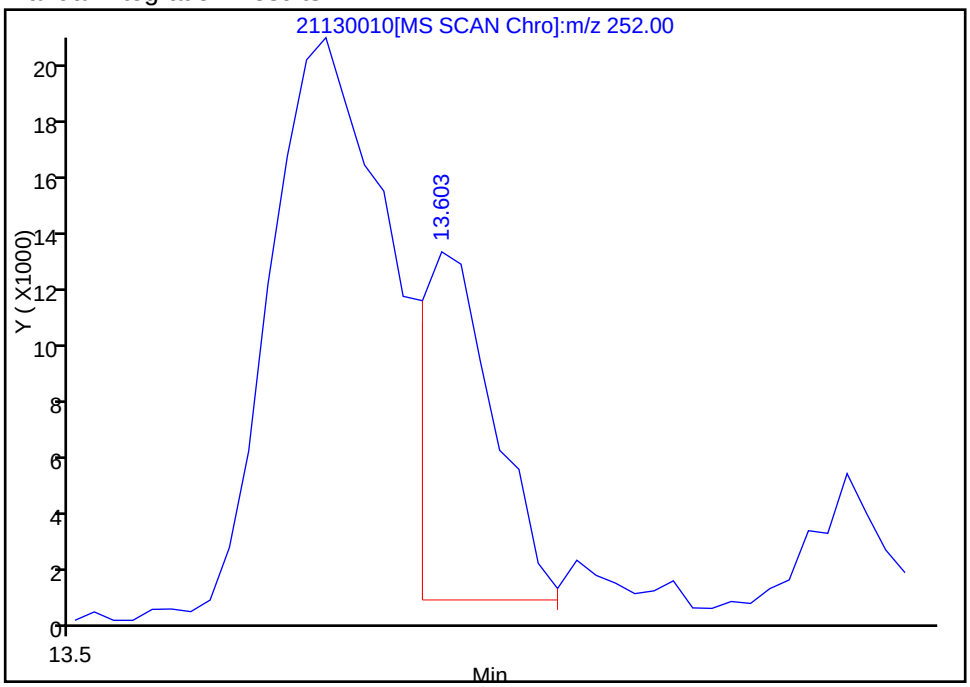
Processing Integration Results

RT: 13.57
Response: 48326
Amount: 0.275547



Manual Integration Results

RT: 13.60
Response: 17577
Amount: 0.100221



Reviewer: gruberj, 30-Nov-2012 13:39:29
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

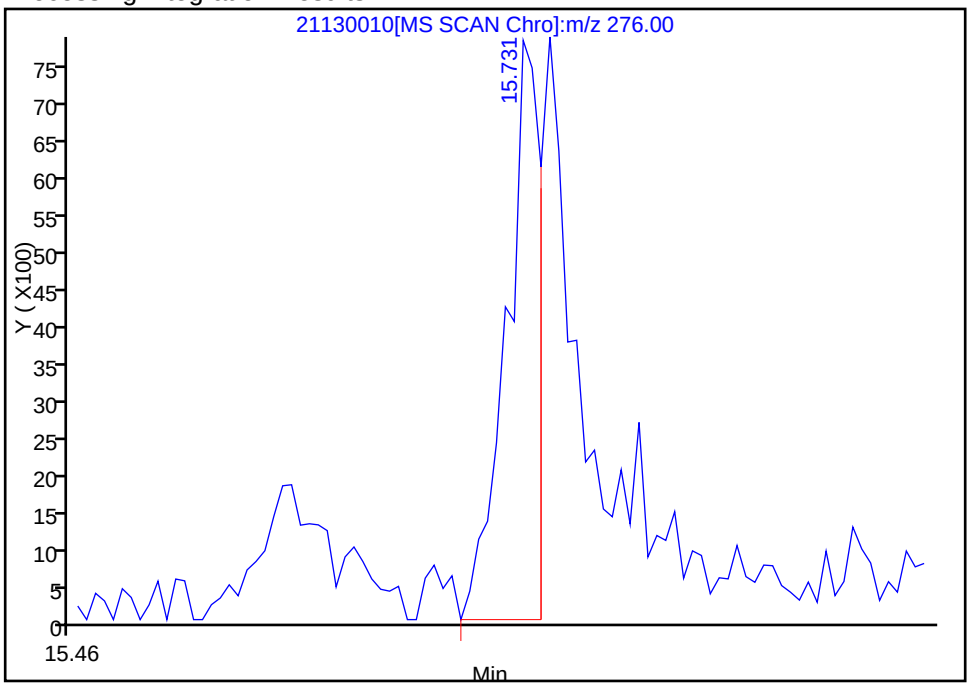
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130010.D		
Injection Date:	30-Nov-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 15.74

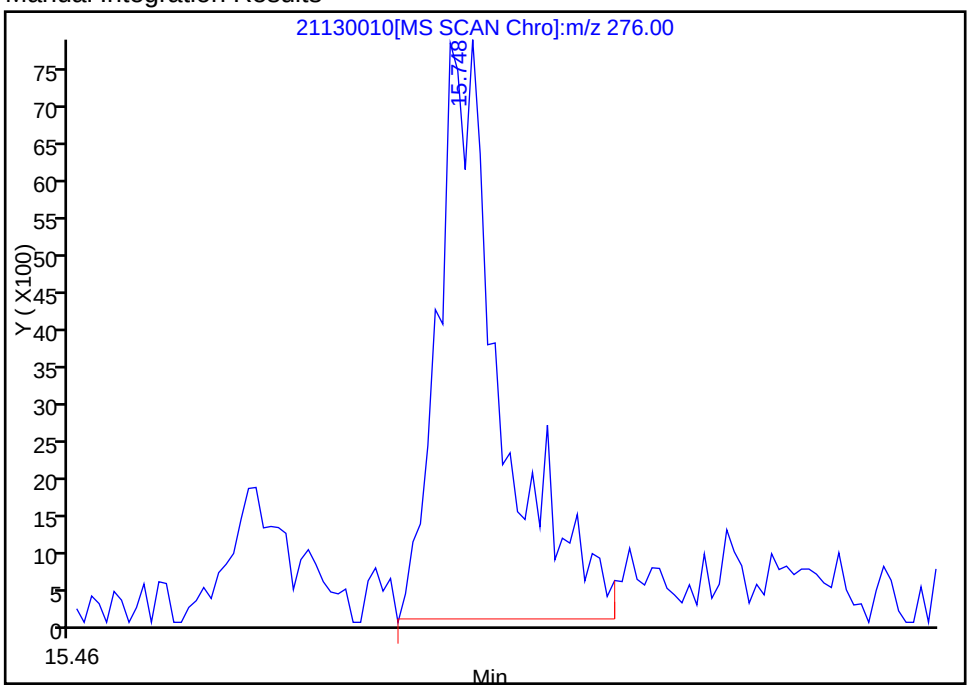
Processing Integration Results

RT: 15.73
Response: 11196
Amount: 0.143426



Manual Integration Results

RT: 15.75
Response: 24506
Amount: 0.217547



Reviewer: gruberj, 30-Nov-2012 13:39:29
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0041M-0001-SO | Lab Sample ID: 240-17768-13

Matrix: Solid | Lab File ID: 21130019.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:30

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.19(g) | Date Analyzed: 11/30/2012 15:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	3.3	U	6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	16		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	20		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	19		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	10		6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	7.5	M	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	99	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	32	J B	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	9.9
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	17		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.6
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	79	U	99	79	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	79	U	150	79	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0041M-0001-SO | Lab Sample ID: 240-17768-13

Matrix: Solid | Lab File ID: 21130019.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:30

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.19(g) | Date Analyzed: 11/30/2012 15:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	79	U	150	79	79
51-28-5	2,4-Dinitrophenol	79	U	330	79	79
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	30		6.6	3.3	3.3
86-73-7	Fluorene	3.3	U	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	14		6.6	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	7.8		6.6	3.3	3.3
95-48-7	2-Methylphenol	79	U	200	79	79
15831-10-4	3 & 4 Methylphenol	79	U	400	79	20
91-20-3	Naphthalene	8.2		6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.0
99-09-2	3-Nitroaniline	79	U	200	79	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	99	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	79	U	330	79	79
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	79	U	150	79	79
85-01-8	Phenanthrene	17		6.6	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	24		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	79	U	150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0041M-0001-SO | Lab Sample ID: 240-17768-13

Matrix: Solid | Lab File ID: 21130019.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:30

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.19(g) | Date Analyzed: 11/30/2012 15:28

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	57		45-105
367-12-4	2-Fluorophenol (Surr)	63		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	58		35-100
4165-62-2	Phenol-d5 (Surr)	62		40-100
1718-51-0	Terphenyl-d14 (Surr)	74		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	72		35-125

Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D
Lims ID: 240-17768-E-13-D Client ID: 076SB-0041M-0001-SO
Inject. Date: 30-Nov-2012 15:28:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015418-019
Misc. Info.: 240-17768-e-13-d
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 66878 Lims Sample ID: 19
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m
Last Update: 03-Dec-2012 10:35:45 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: XAWRK014

First Level Reviewer: gruberj Date: 03-Dec-2012 10:31:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.783	5.778	0.005	96	123931	4.00	
* 2 Naphthalene-d8	136	6.906	6.901	0.005	99	484023	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	93	271798	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	97	494746	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.005	97	507081	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	96	456740	4.00	
$ 7 2-Fluorophenol	112	4.574	4.494	0.080	92	359804	9.39	
$ 8 Phenol-d5	99	5.441	5.425	0.016	96	451299	9.28	
$ 9 Nitrobenzene-d5	82	6.275	6.270	0.005	86	248631	5.84	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	99	501079	5.68	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	93	121789	10.8	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	694561	7.40	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					9
46 2-Chlorophenol	128		5.585					9
47 1,3-Dichlorobenzene	146		5.724					9
48 1,4-Dichlorobenzene	146		5.794					9
49 Benzyl alcohol	108		5.895					9
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					9
52 2,2'-oxybis[1-chloropropane]	45		6.019					
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					9
60 Hexachloroethane	117		6.238					
61 Nitrobenzene	77		6.291					9
63 Isophorone	82		6.495					
65 2-Nitrophenol	139		6.569					9
64 2,4-Dimethylphenol	107		6.591					
69 Benzoic acid	122		6.660					9
68 Bis(2-chloroethoxy)methane	93		6.676					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128	6.922	6.922	0.0	86	14936	0.1235	
74 4-Chloroaniline	127		6.960					9
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					9
85 2-Methylnaphthalene	142	7.511	7.511	0.0	80	9052	0.1170	
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					
91 2,4,5-Trichlorophenol	196		7.778					
98 2-Chloronaphthalene	162		7.928					
100 2-Nitroaniline	65		8.003					
103 Dimethyl phthalate	163		8.147					9
105 2,6-Dinitrotoluene	165		8.201					
107 Acenaphthylene	152		8.281					
108 3-Nitroaniline	138		8.351					
110 Acenaphthene	153		8.425					9
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					
112 2,4-Dinitrotoluene	165		8.543					9
114 Dibenzofuran	168		8.570					
119 Diethyl phthalate	149	8.736	8.736	0.0	71	8501	0.1019	
121 4-Chlorophenyl phenyl ether	204		8.848					
124 Fluorene	166		8.859					
123 4-Nitroaniline	138		8.864					
126 4,6-Dinitro-2-methylphenol	198		8.885					
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					
146 Phenanthrene	178	9.672	9.672	0.0	86	34797	0.2574	
147 Anthracene	178		9.714					
149 Carbazole	167		9.843					
151 Di-n-butyl phthalate	149	10.105	10.105	0.0	87	15790	0.1078	
157 Fluoranthene	202	10.677	10.677	0.0	91	67642	0.4531	
160 Pyrene	202	10.875	10.875	0.0	95	59380	0.3670	
166 Butyl benzyl phthalate	149		11.447					
173 3,3'-Dichlorobenzidine	252		12.068					
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	91	26697	0.4783	
175 Benzo[a]anthracene	228	12.111	12.116	-0.005	82	33444	0.2363	
176 Chrysene	228	12.159	12.164	-0.005	65	34004	0.2521	
178 Di-n-octyl phthalate	149		12.961					9
180 Benzo[b]fluoranthene	252	13.571	13.565	0.006	90	42305	0.2904	
181 Benzo[k]fluoranthene	252	13.603	13.608	-0.005	95	17837	0.1127	M
182 Benzo[a]pyrene	252	14.047	14.052	-0.005	63	27119	0.2970	
186 Indeno[1,2,3-cd]pyrene	276	15.732	15.742	-0.010	88	19949	0.2041	
187 Dibenz(a,h)anthracene	278		15.769					
188 Benzo[g,h,i]perylene	276	16.149	16.154	-0.005	83	20480	0.1566	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

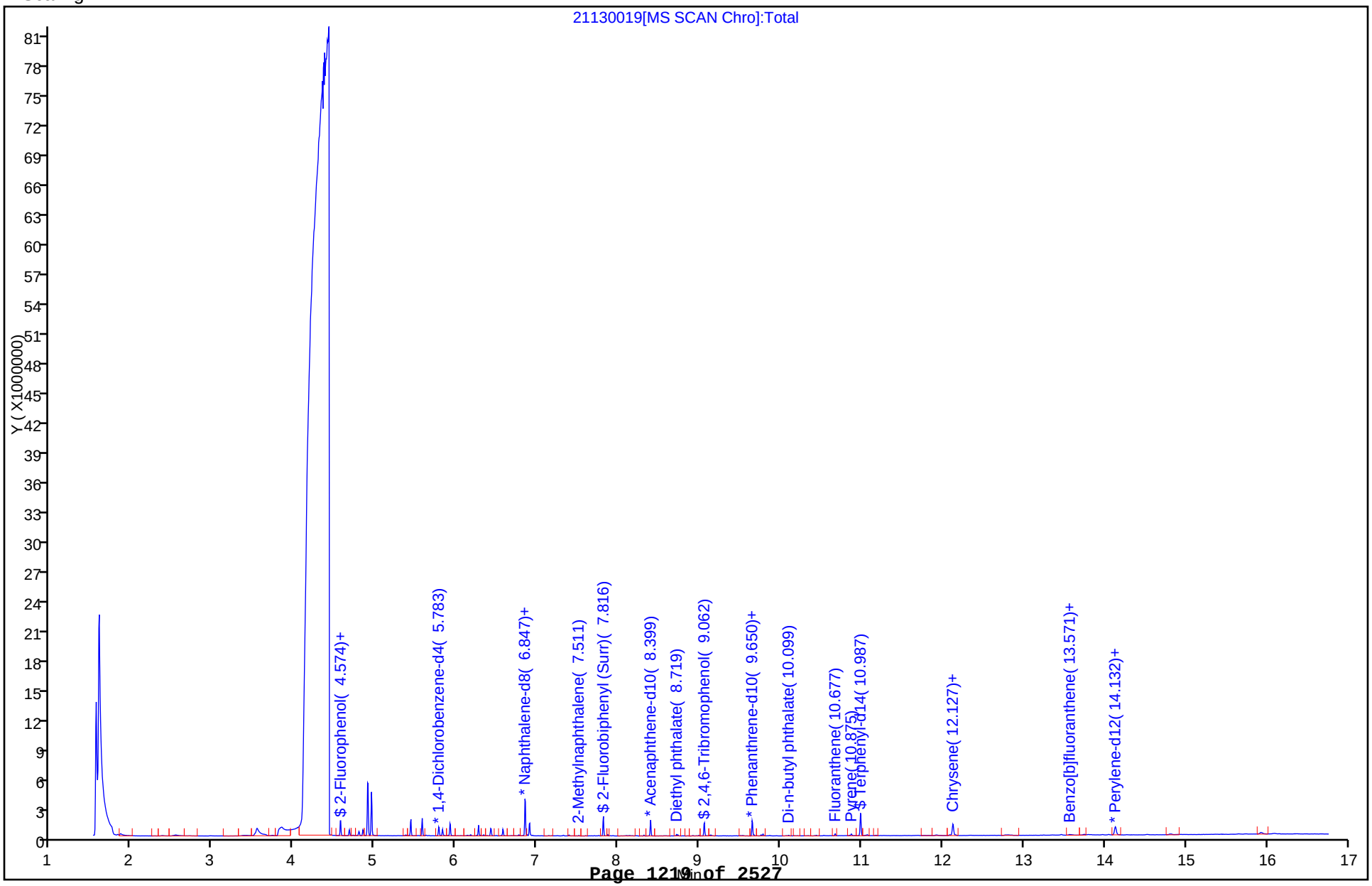
Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D

Injection Date:	30-Nov-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

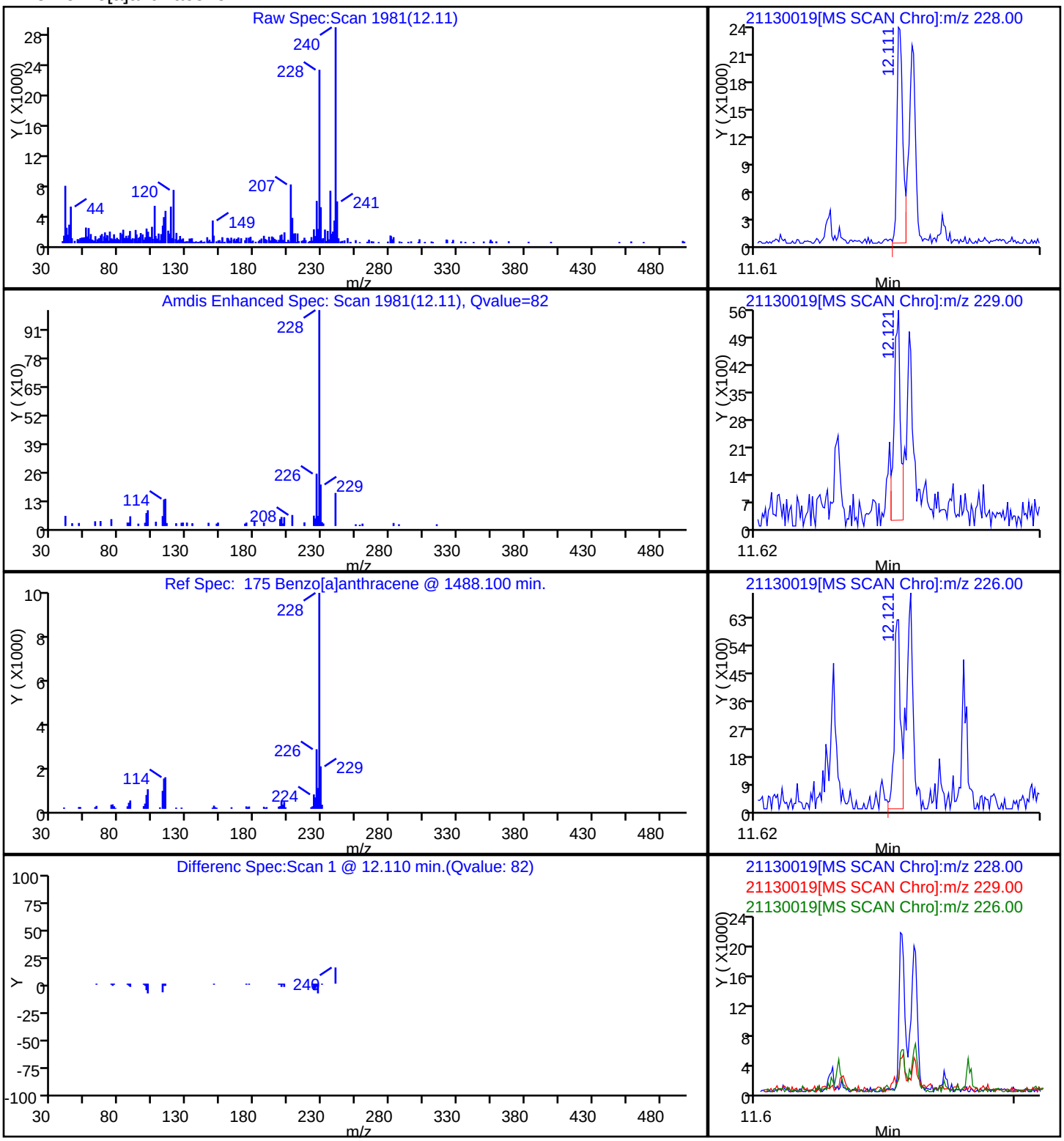


Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D		
Injection Date:	30-Nov-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



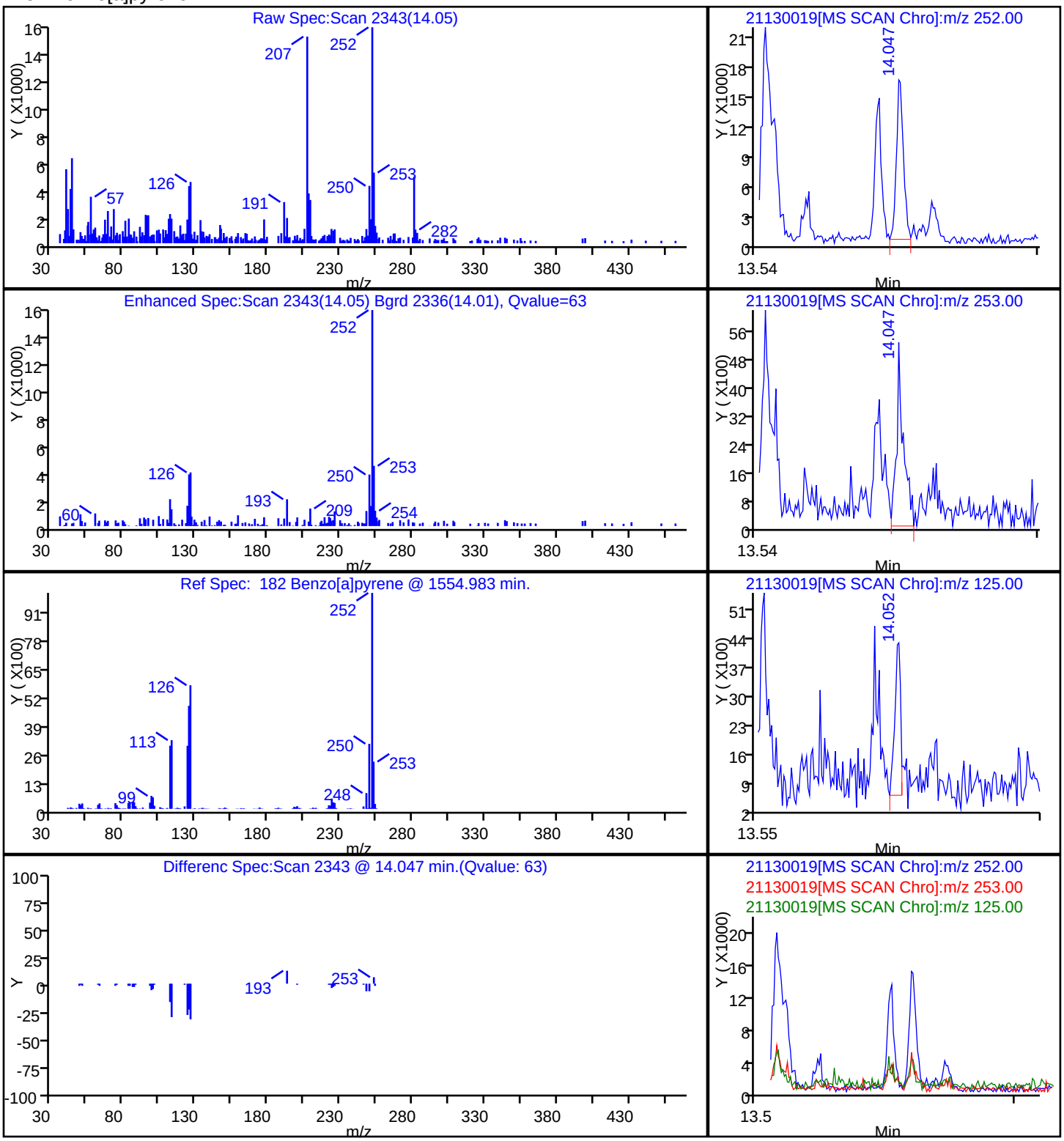
Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D

Injection Date:	30-Nov-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D

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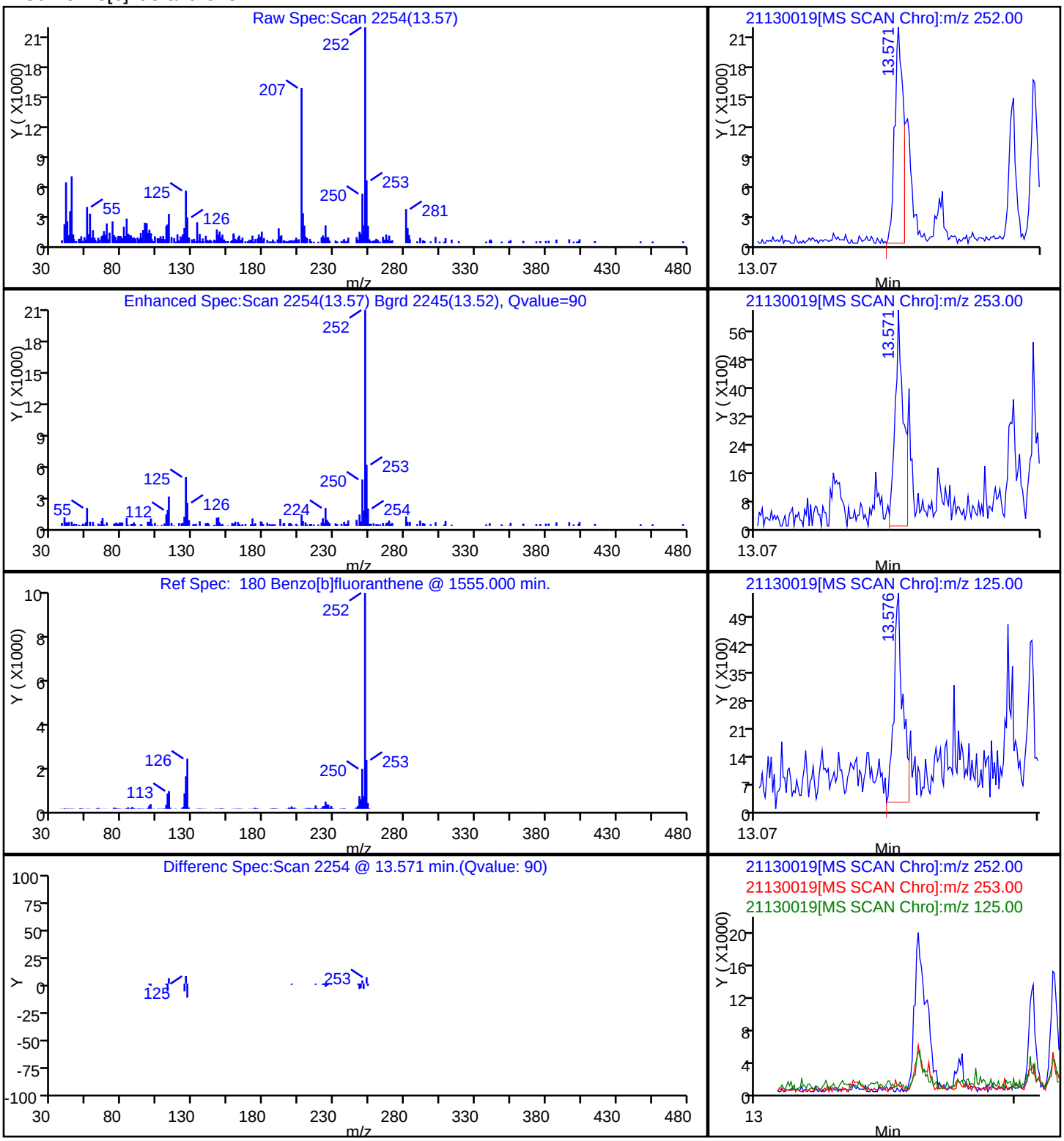
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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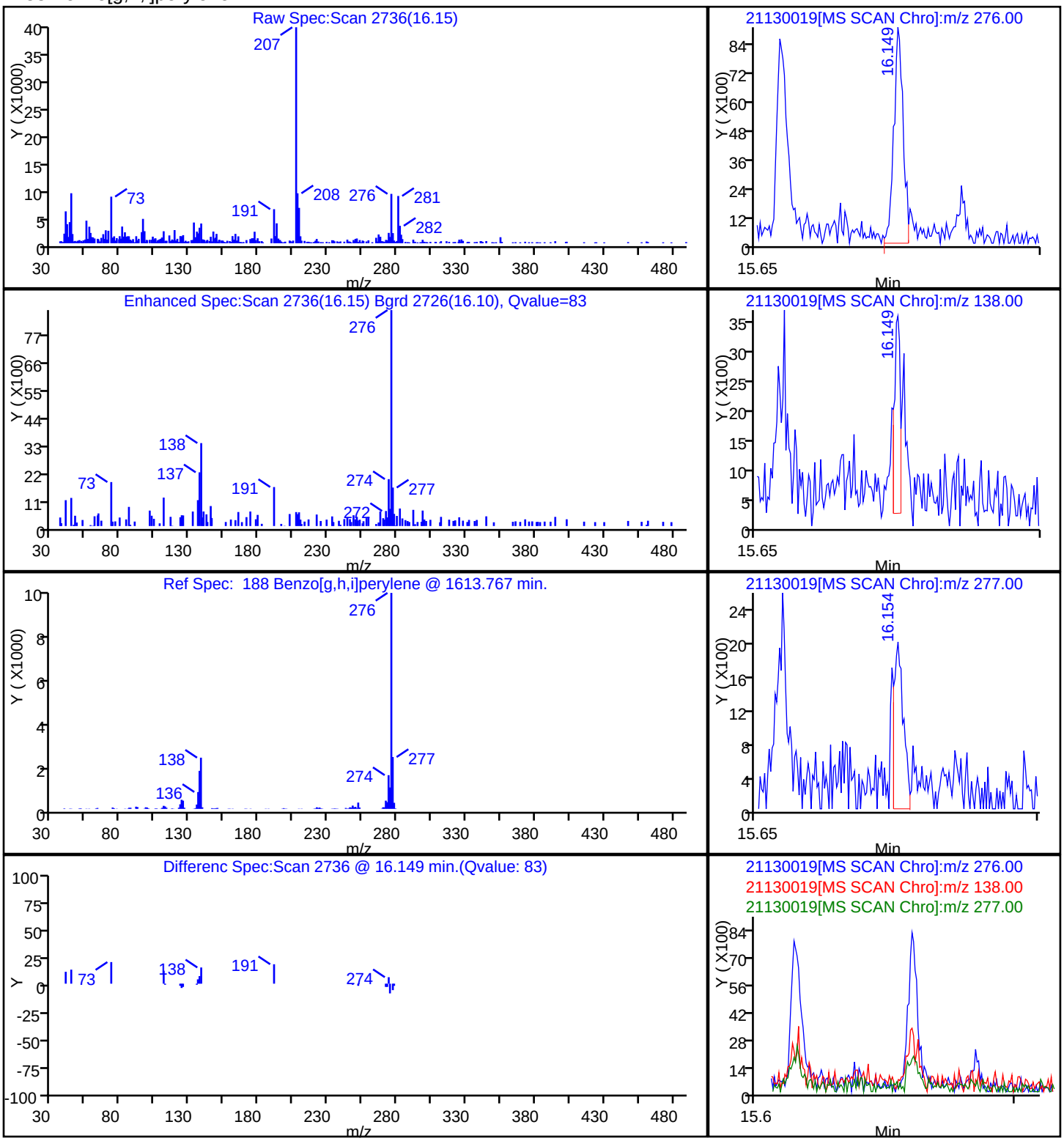
Injection Date:	30-Nov-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

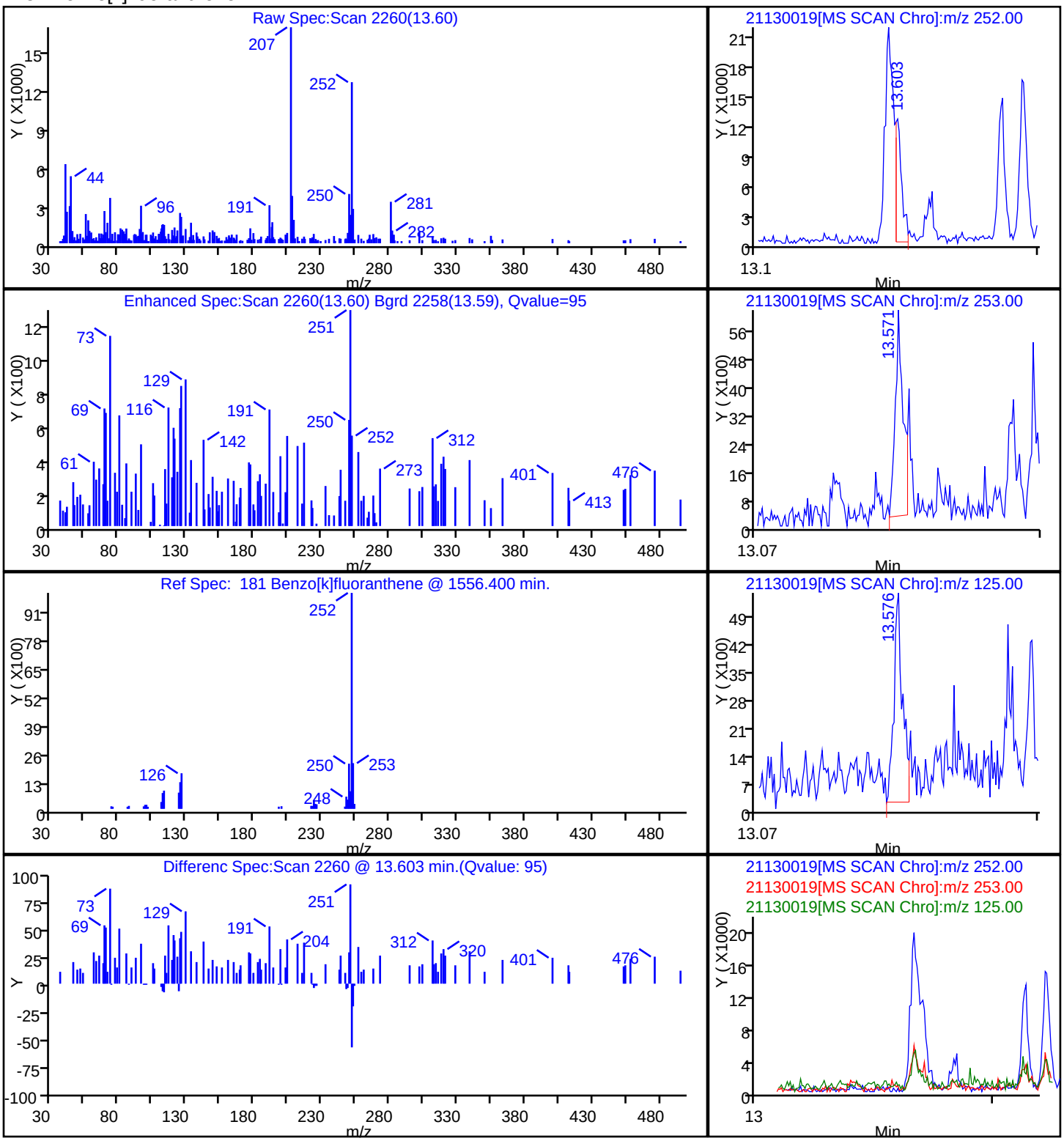


Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D		
Injection Date:	30-Nov-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

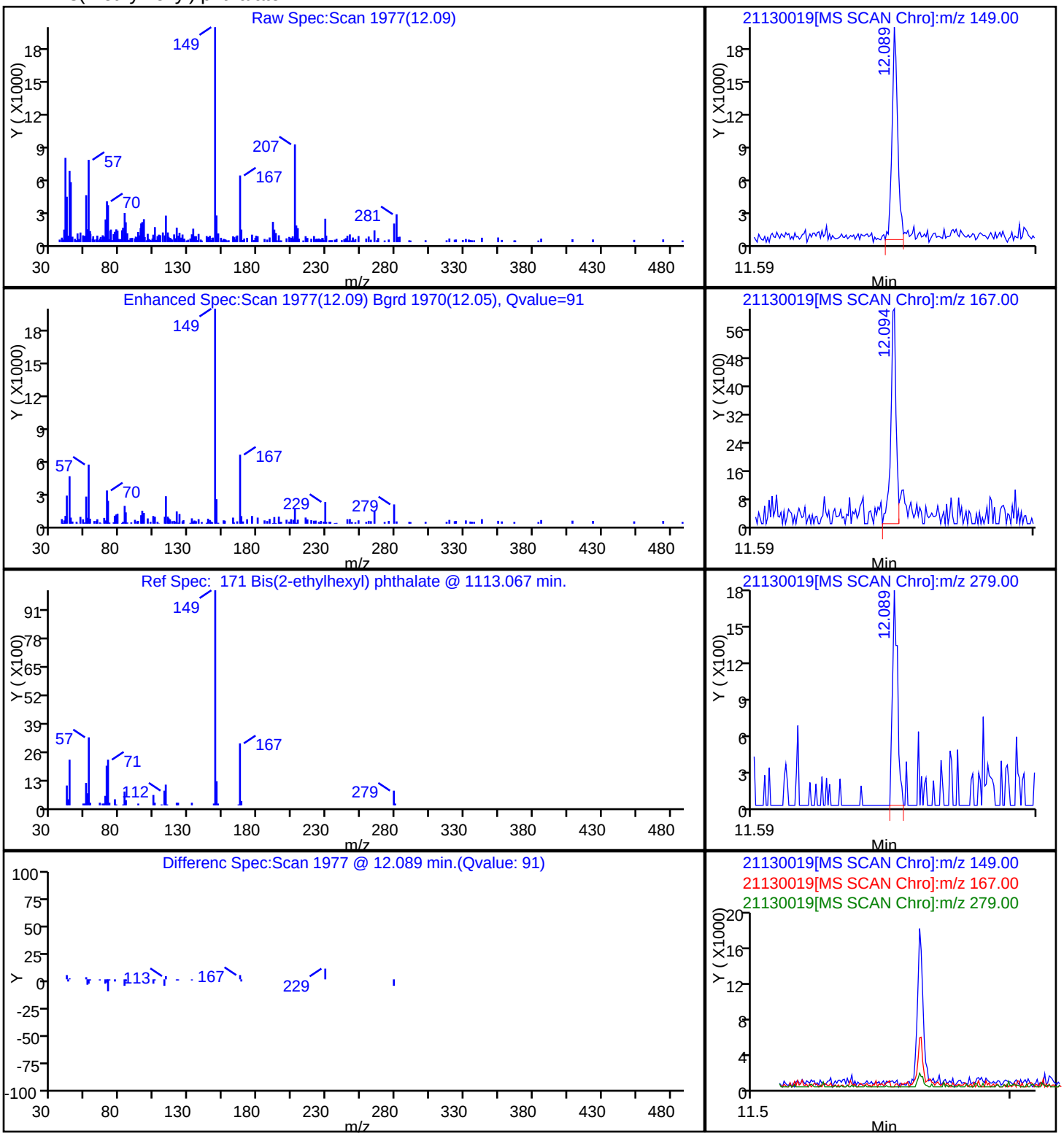


Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D		
Injection Date:	30-Nov-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



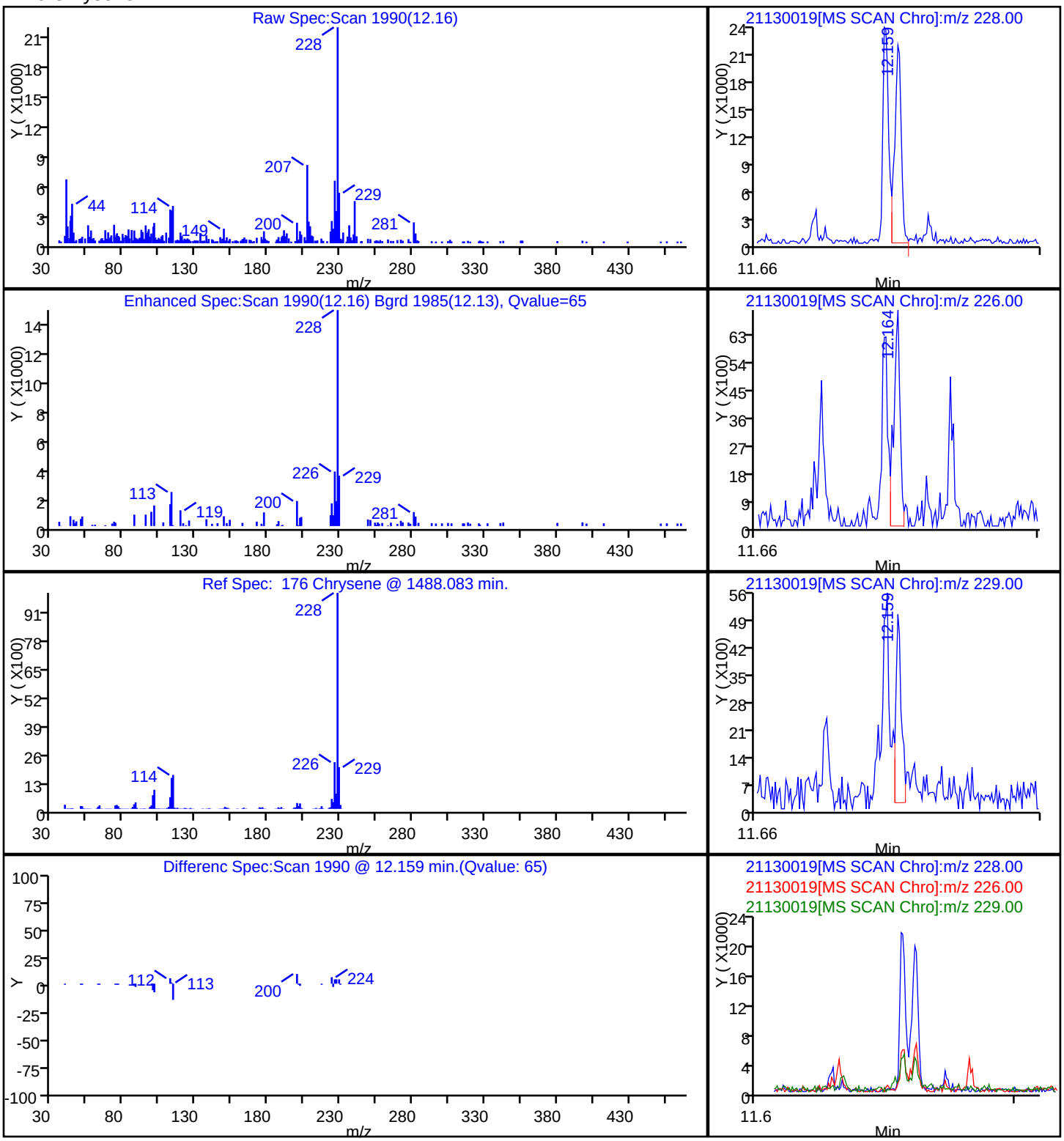
Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D

Injection Date:	30-Nov-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



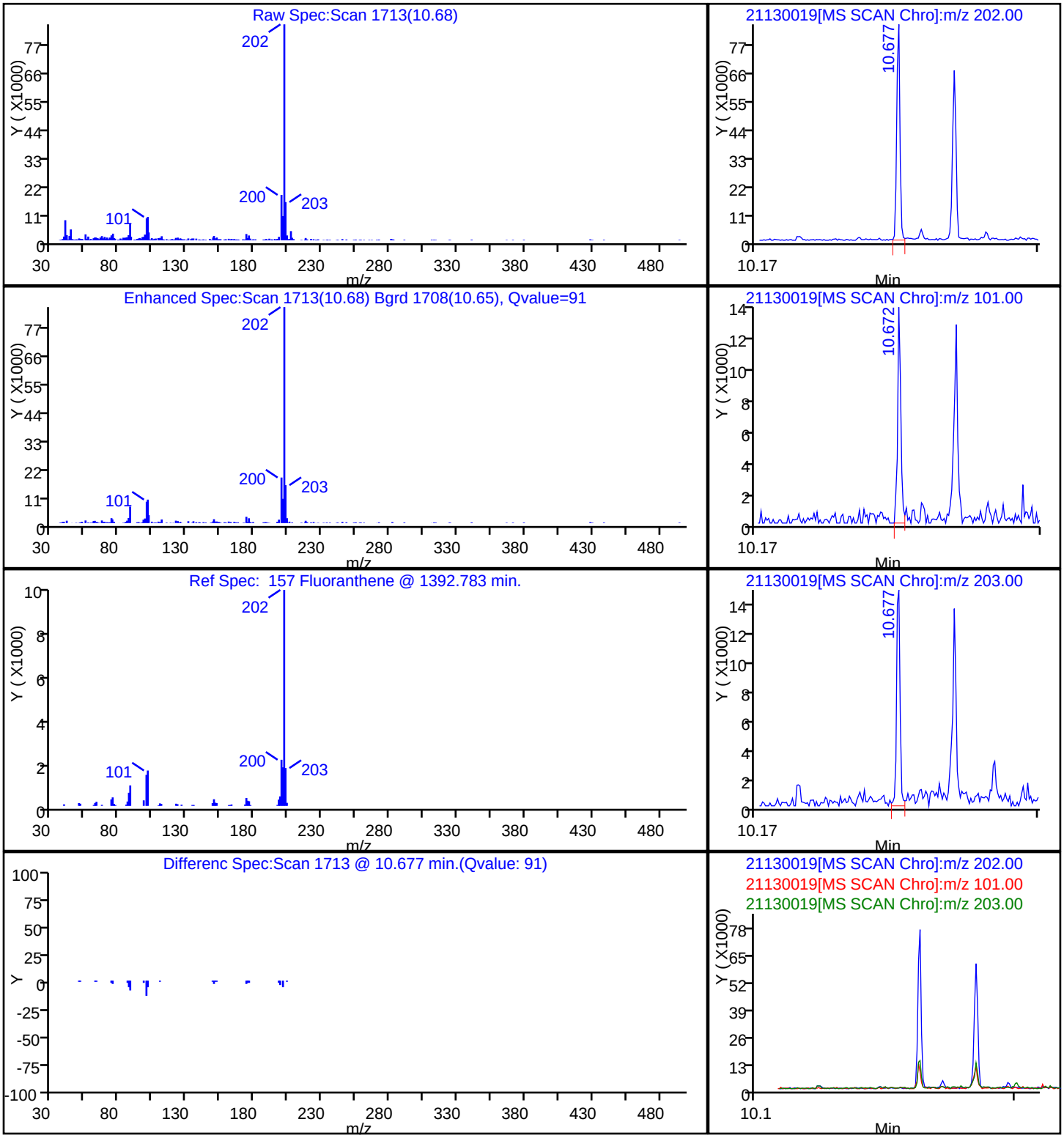
Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D

Injection Date:	30-Nov-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene

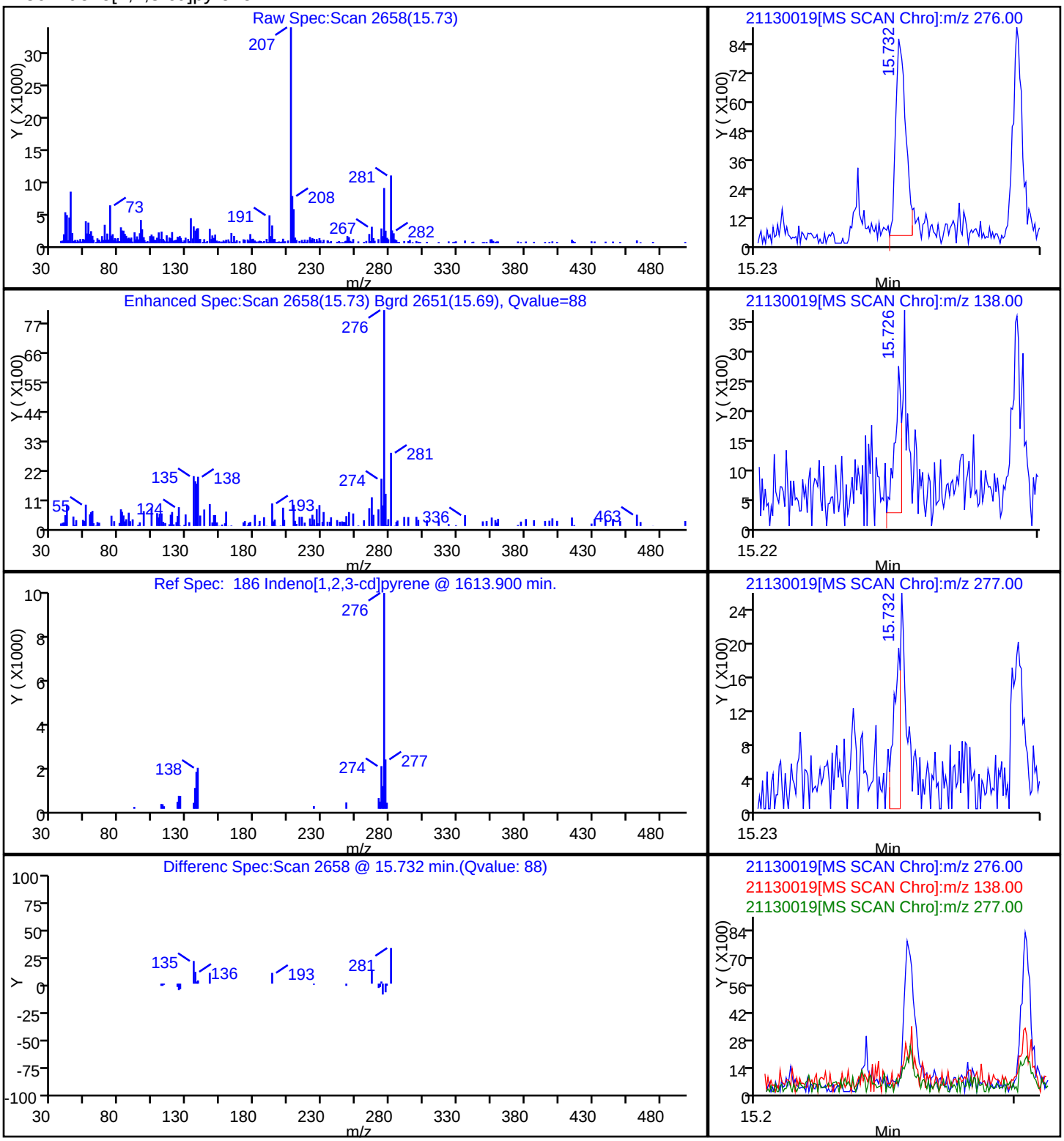


Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D		
Injection Date:	30-Nov-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



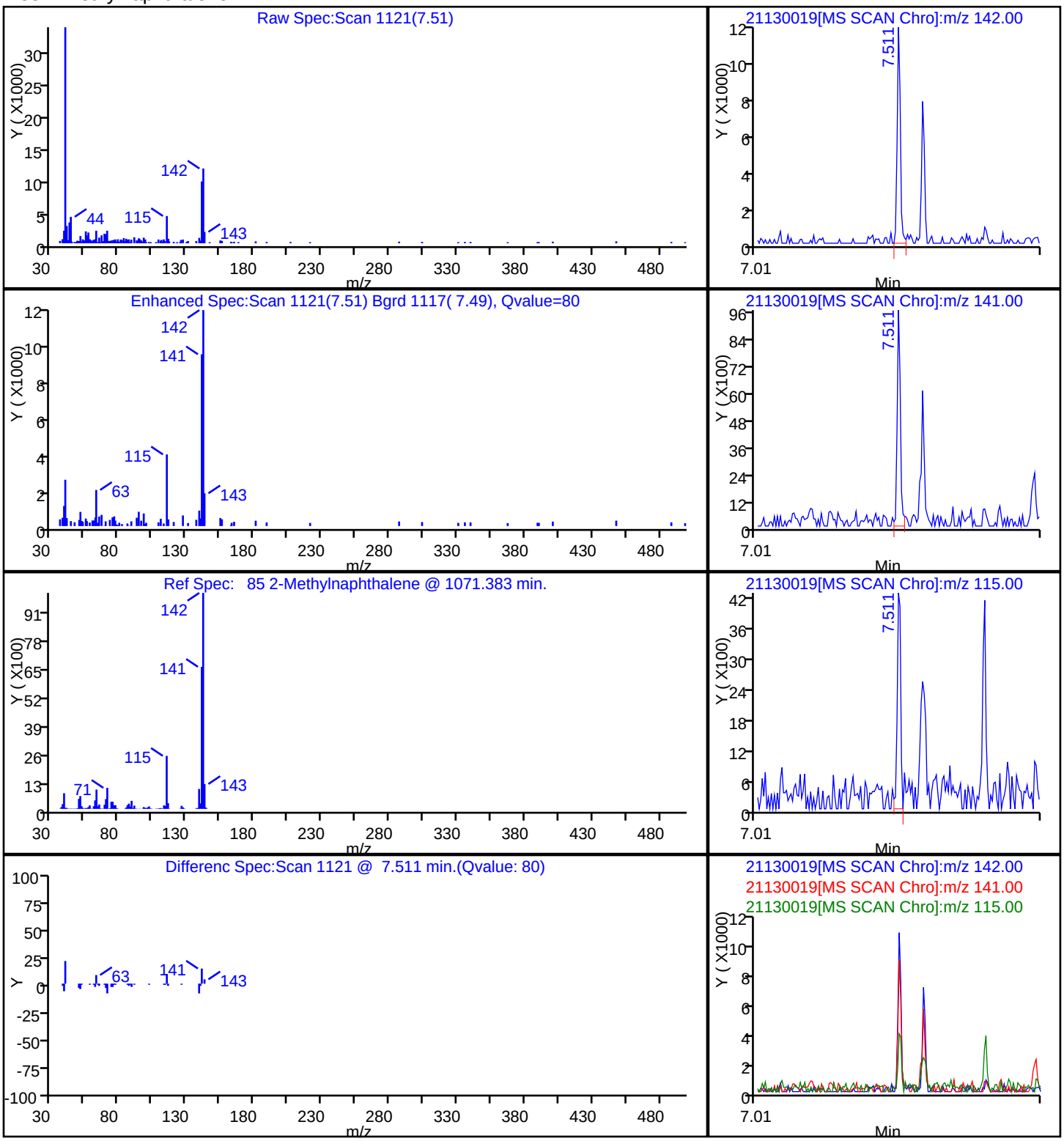
Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D

Injection Date:	30-Nov-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



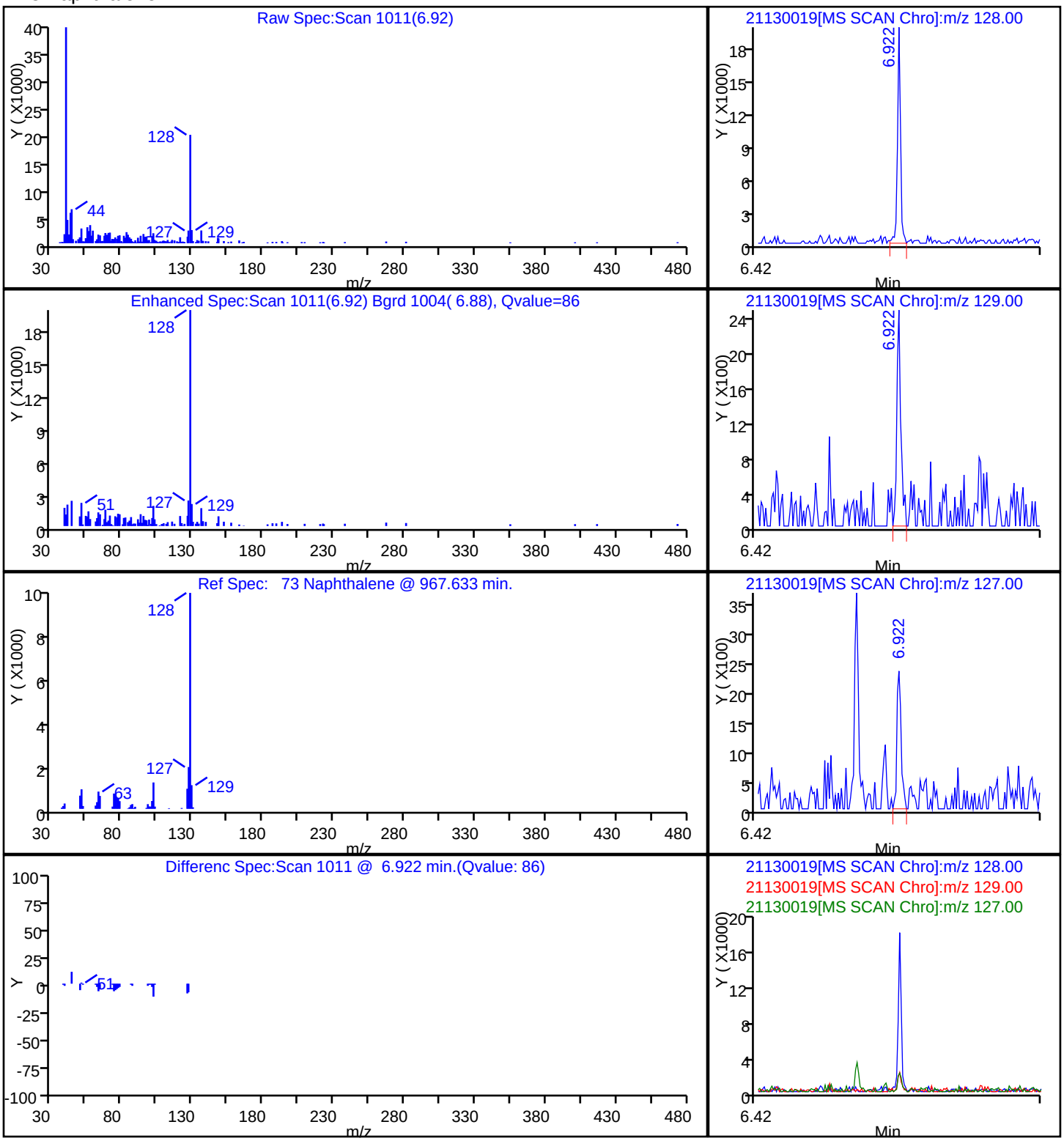
Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D

Injection Date:	30-Nov-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



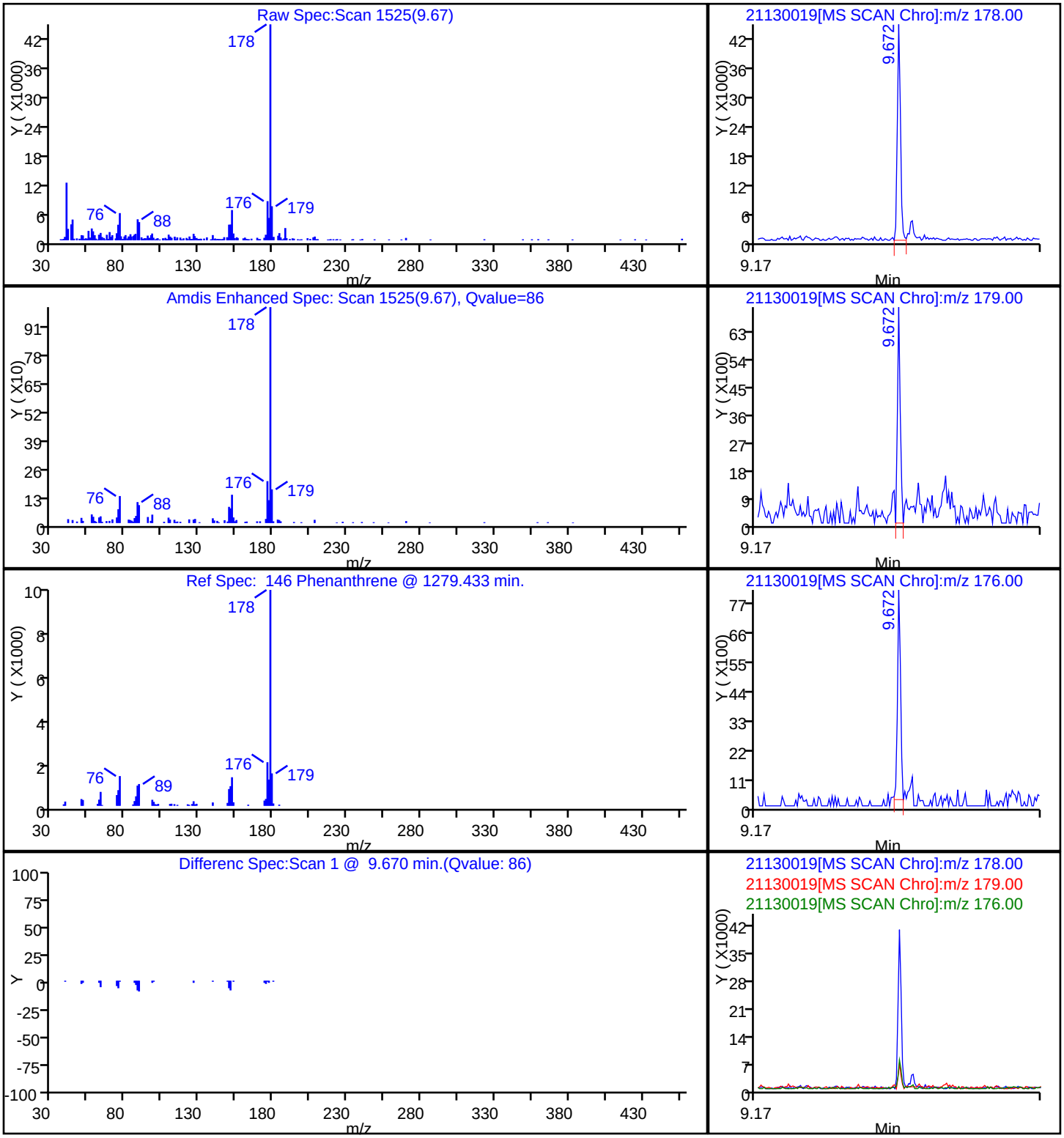
Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D

Injection Date:	30-Nov-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



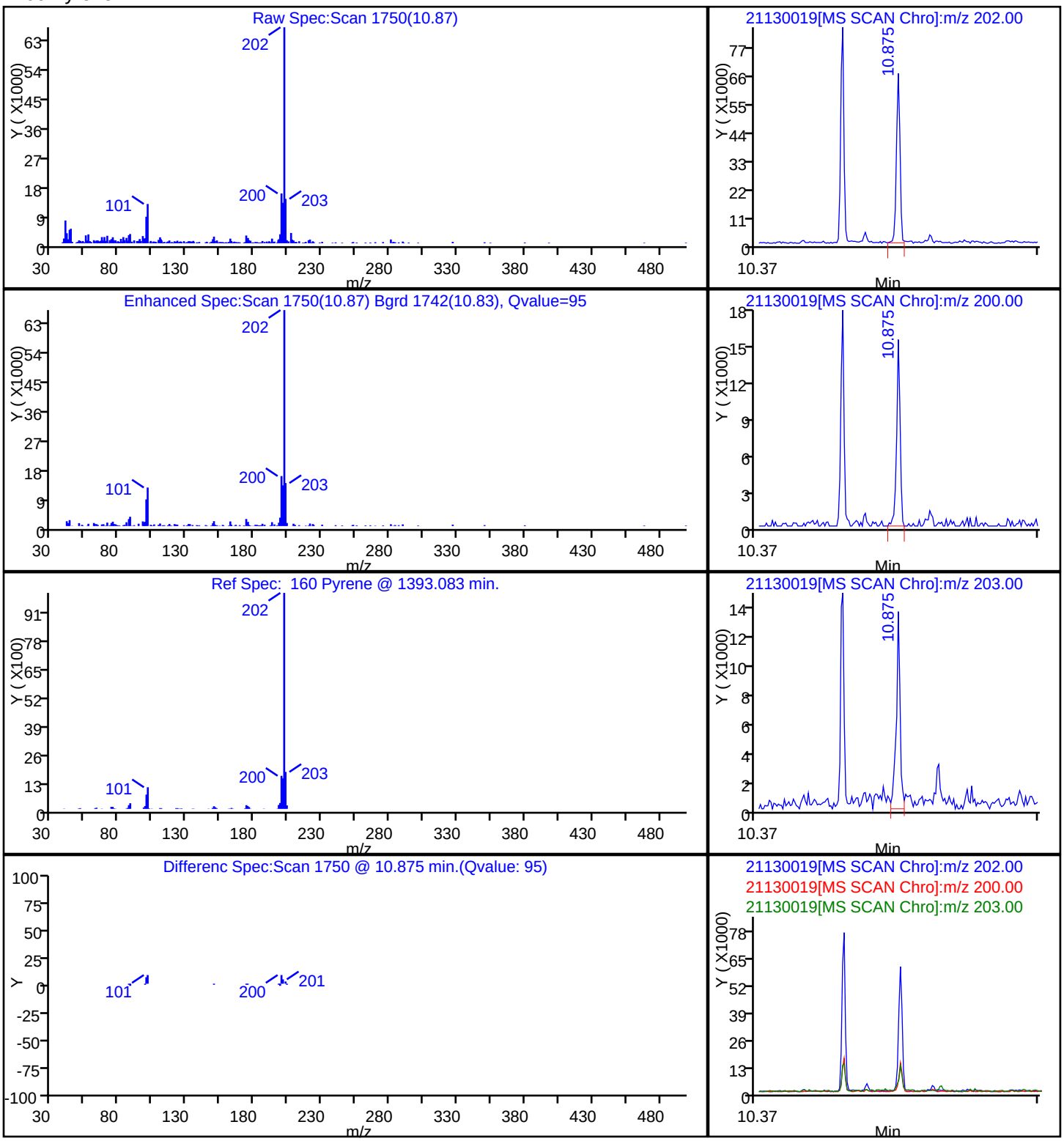
Report Date: 03-Dec-2012 10:36:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D

Injection Date:	30-Nov-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

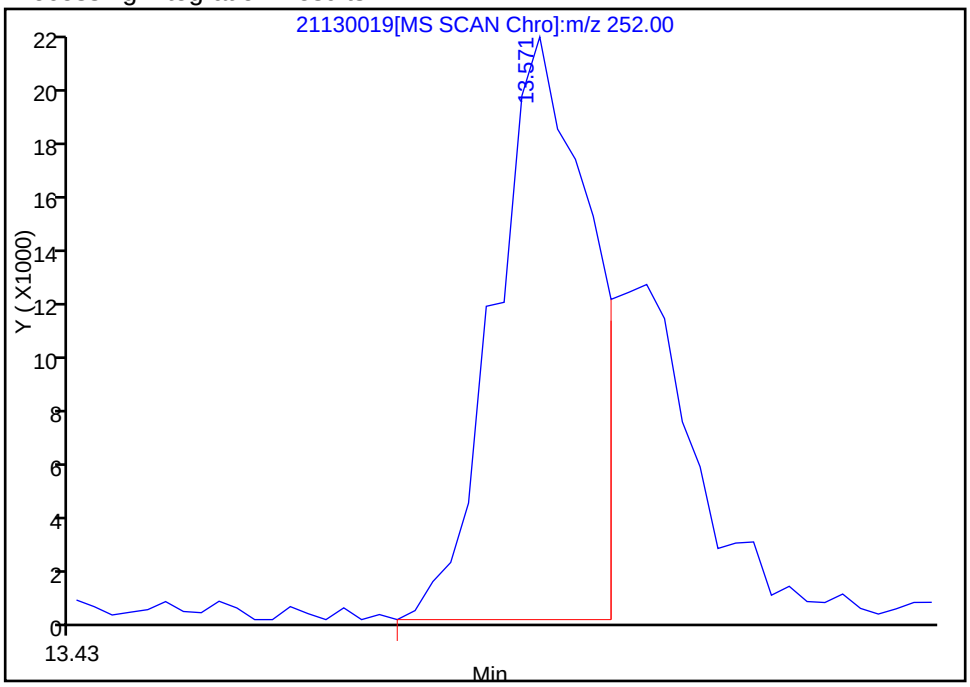
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130019.D		
Injection Date:	30-Nov-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.61

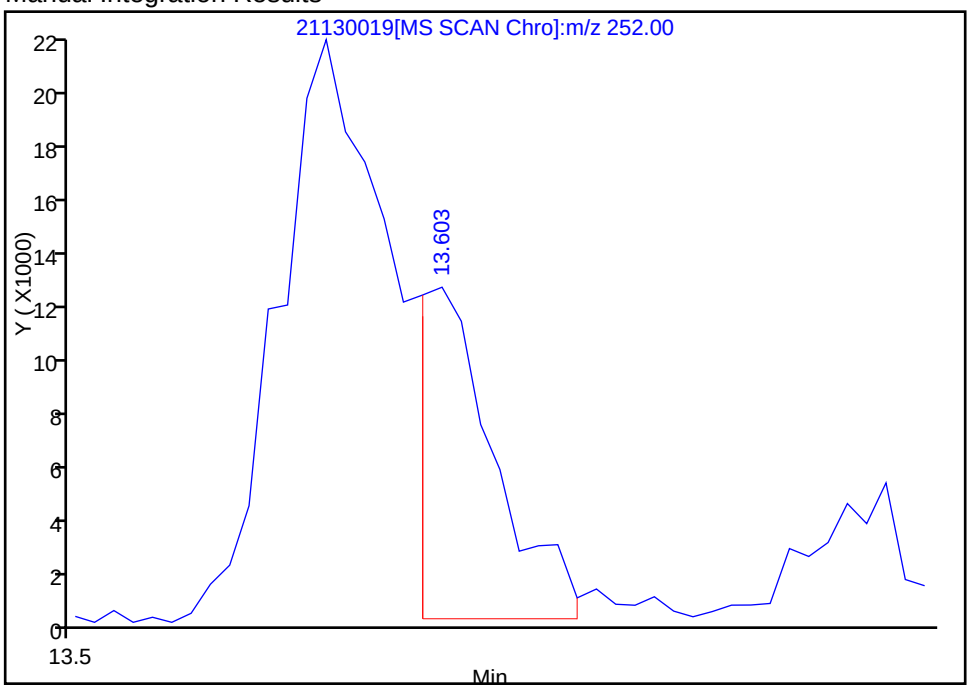
Processing Integration Results

RT: 13.57
Response: 42305
Amount: 0.267206



Manual Integration Results

RT: 13.60
Response: 17837
Amount: 0.112662



Reviewer: gruberj, 03-Dec-2012 10:31:52
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0042M-0001-SO | Lab Sample ID: 240-17768-14

Matrix: Solid | Lab File ID: 21130022.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.71(g) | Date Analyzed: 11/30/2012 16:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | 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	6.0	J	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	11	M	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	4.7	J	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	670	340	340
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	45	J B	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	5.0	J	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0042M-0001-SO | Lab Sample ID: 240-17768-14

Matrix: Solid | Lab File ID: 21130022.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.71(g) | Date Analyzed: 11/30/2012 16:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	9.4		6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	14	J	50	27	13
91-57-6	2-Methylnaphthalene	4.2	J	6.7	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	400	81	20
91-20-3	Naphthalene	3.3	U	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	7.5		6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	7.2		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0042M-0001-SO | Lab Sample ID: 240-17768-14

Matrix: Solid | Lab File ID: 21130022.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.71(g) | Date Analyzed: 11/30/2012 16:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	72		45-105
367-12-4	2-Fluorophenol (Surr)	74		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	73		35-100
4165-62-2	Phenol-d5 (Surr)	77		40-100
1718-51-0	Terphenyl-d14 (Surr)	82		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	67		35-125

Report Date: 03-Dec-2012 10:36:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130022.D
Lims ID: 240-17768-E-14-D Client ID: 076SB-0042M-0001-SO
Inject. Date: 30-Nov-2012 16:38:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015418-0
Misc. Info.: 240-17768-e-14-d =240-17768-E-14-D
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 66878 Lims Sample ID: 22
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m
Last Update: 03-Dec-2012 10:35:45 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: XAWRK014

First Level Reviewer: gruberj Date: 03-Dec-2012 10:34:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.783	5.778	0.005	94	127622	4.00	
* 2 Naphthalene-d8	136	6.906	6.901	0.005	99	492590	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	94	282753	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	98	487927	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.005	92	505613	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	93	463816	4.00	
$ 7 2-Fluorophenol	112	4.580	4.494	0.086	91	435603	11.0	
$ 8 Phenol-d5	99	5.441	5.425	0.016	96	577215	11.5	
$ 9 Nitrobenzene-d5	82	6.275	6.270	0.005	88	317306	7.33	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	99	659811	7.19	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	92	117272	10.0	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	771139	8.23	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					9
46 2-Chlorophenol	128		5.585					
47 1,3-Dichlorobenzene	146		5.724					9
48 1,4-Dichlorobenzene	146		5.794					9
49 Benzyl alcohol	108		5.895					
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					9
52 2,2'-oxybis[1-chloropropane]	45		6.019					9
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					
60 Hexachloroethane	117		6.238					9
61 Nitrobenzene	77		6.291					9
63 Isophorone	82	6.494	6.495	-0.001	63	16184	0.2060	
65 2-Nitrophenol	139		6.569					9
64 2,4-Dimethylphenol	107		6.591					9
69 Benzoic acid	122		6.660					9
68 Bis(2-chloroethoxy)methane	93		6.676					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128		6.922					9
74 4-Chloroaniline	127		6.960					9
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					9
85 2-Methylnaphthalene	142	7.511	7.511	0.0	62	4962	0.0630	
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					
91 2,4,5-Trichlorophenol	196		7.778					
98 2-Chloronaphthalene	162		7.928					
100 2-Nitroaniline	65		8.003					
103 Dimethyl phthalate	163		8.147					
105 2,6-Dinitrotoluene	165		8.201					
107 Acenaphthylene	152		8.281					
108 3-Nitroaniline	138		8.351					9
110 Acenaphthene	153		8.425					9
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					9
112 2,4-Dinitrotoluene	165		8.543					9
114 Dibenzofuran	168		8.570					
119 Diethyl phthalate	149	8.730	8.736	-0.006	71	13915	0.1603	
121 4-Chlorophenyl phenyl ether	204		8.848					
124 Fluorene	166		8.859					9
123 4-Nitroaniline	138		8.864					9
126 4,6-Dinitro-2-methylphenol	198		8.885					
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					
146 Phenanthrene	178	9.672	9.672	0.0	72	14926	0.1120	
147 Anthracene	178		9.714					
149 Carbazole	167		9.843					9
151 Di-n-butyl phthalate	149	10.105	10.105	0.0	87	22256	0.1540	
157 Fluoranthene	202	10.677	10.677	0.0	89	20642	0.1402	
160 Pyrene	202	10.875	10.875	0.0	88	17323	0.1074	
166 Butyl benzyl phthalate	149		11.447					
173 3,3'-Dichlorobenzidine	252		12.068					
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	94	44699	0.6726	
175 Benzo[a]anthracene	228	12.116	12.116	0.0	24	12509	0.0887	
176 Chrysene	228	12.164	12.164	0.0	54	9944	0.0739	
178 Di-n-octyl phthalate	149		12.961					
180 Benzo[b]fluoranthene	252	13.576	13.565	0.011	82	10410	0.0704	
181 Benzo[k]fluoranthene	252		13.608					M
182 Benzo[a]pyrene	252	14.057	14.052	0.005	1	8114	0.1670	M
186 Indeno[1,2,3-cd]pyrene	276		15.742					
187 Dibenz(a,h)anthracene	278		15.769					9
188 Benzo[g,h,i]perylene	276		16.154					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

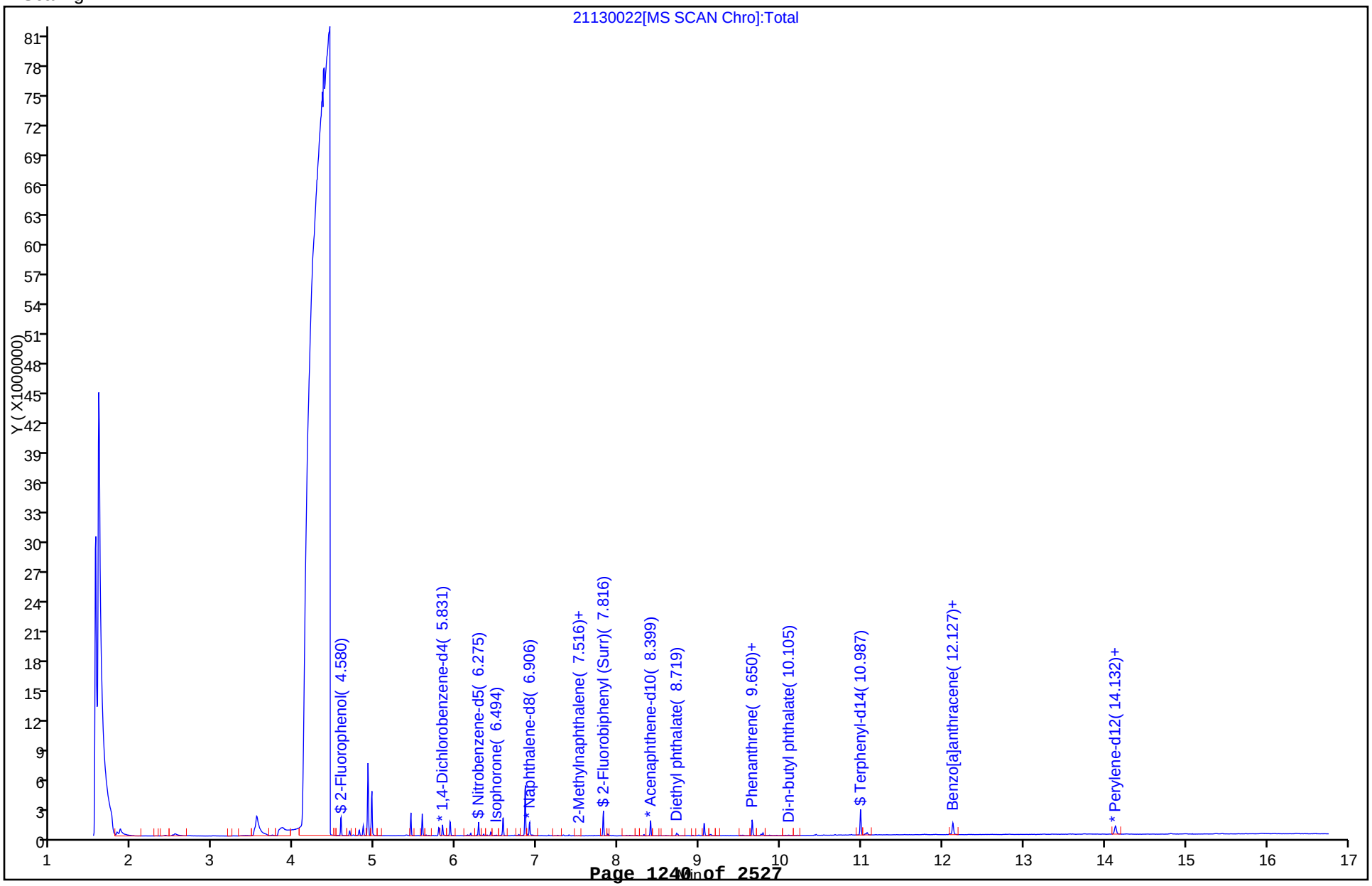
Review Flags
M - Manually Integrated

Report Date: 03-Dec-2012 10:36:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130022.D		
Injection Date:	30-Nov-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

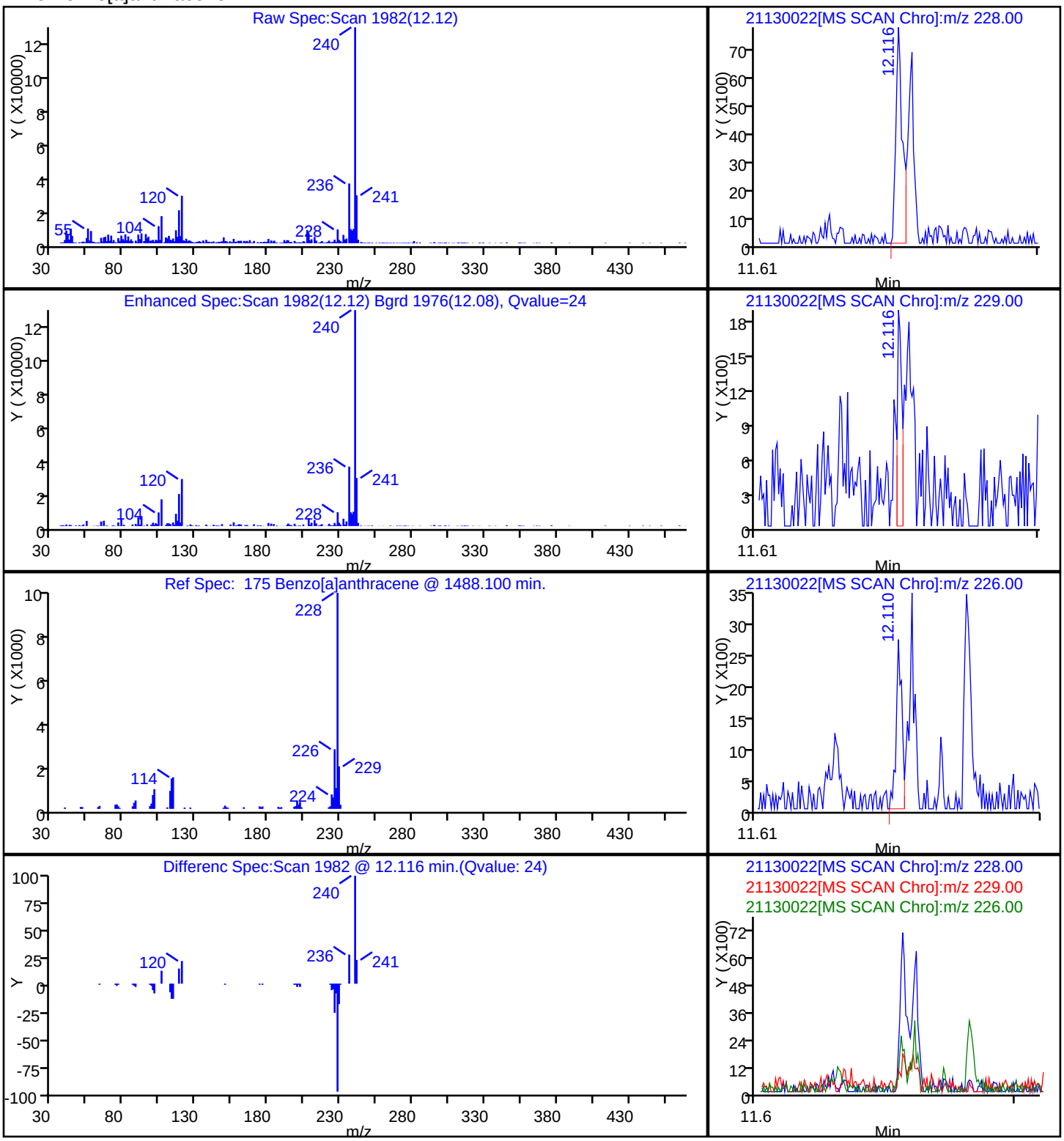


Report Date: 03-Dec-2012 10:36:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130022.D		
Injection Date:	30-Nov-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

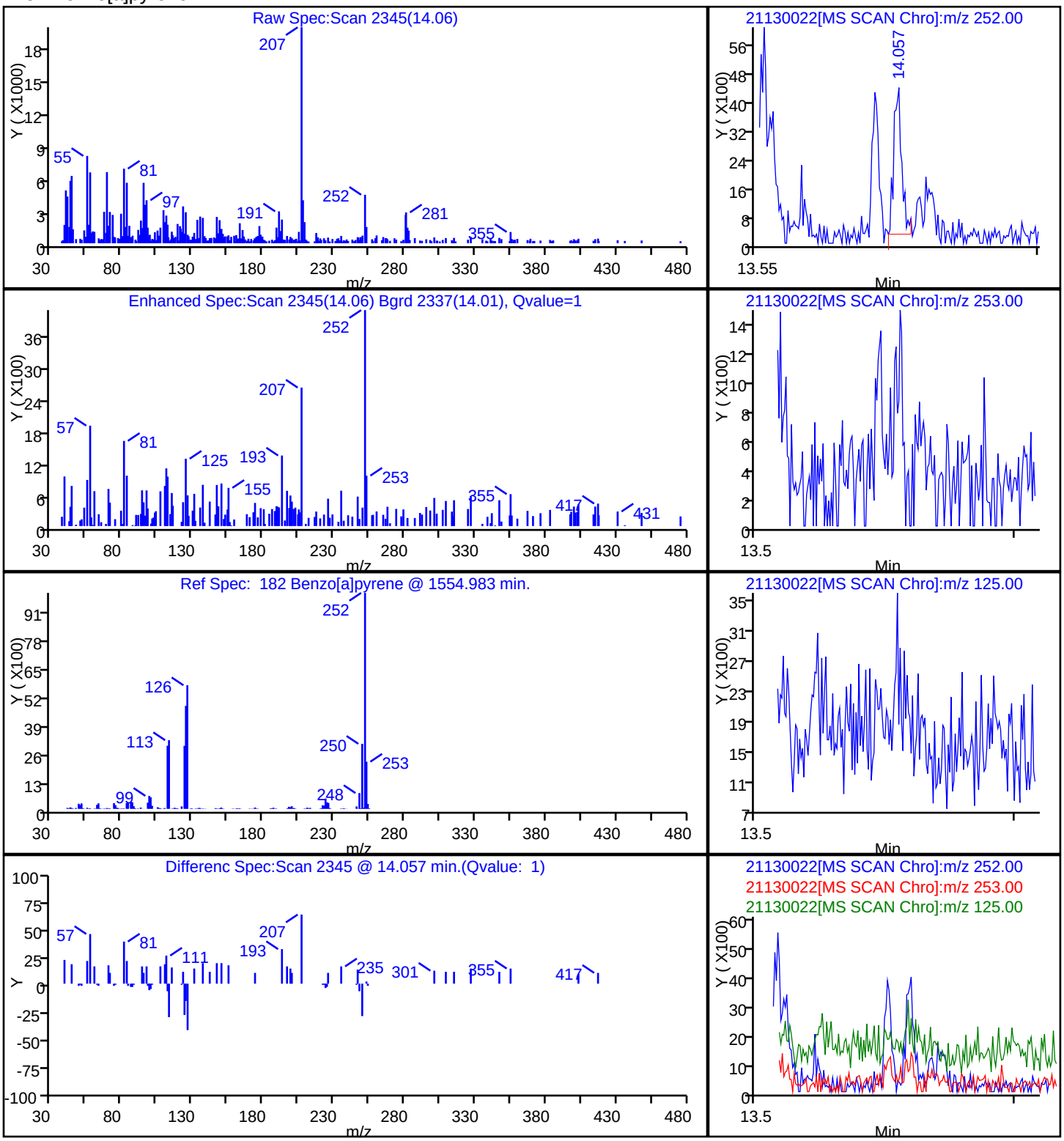


Report Date: 03-Dec-2012 10:36:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130022.D		
Injection Date:	30-Nov-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

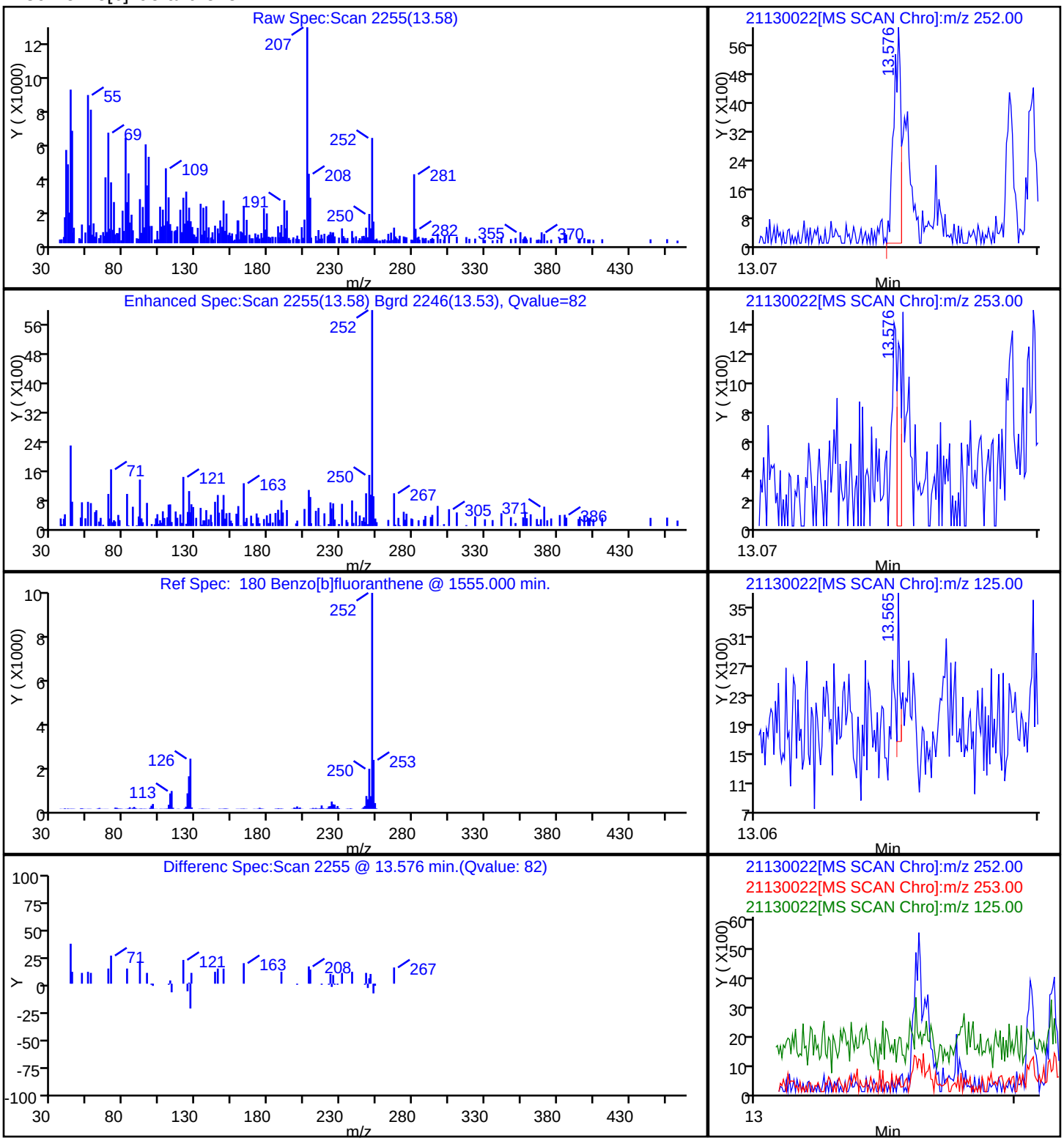


Report Date: 03-Dec-2012 10:36:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130022.D		
Injection Date:	30-Nov-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

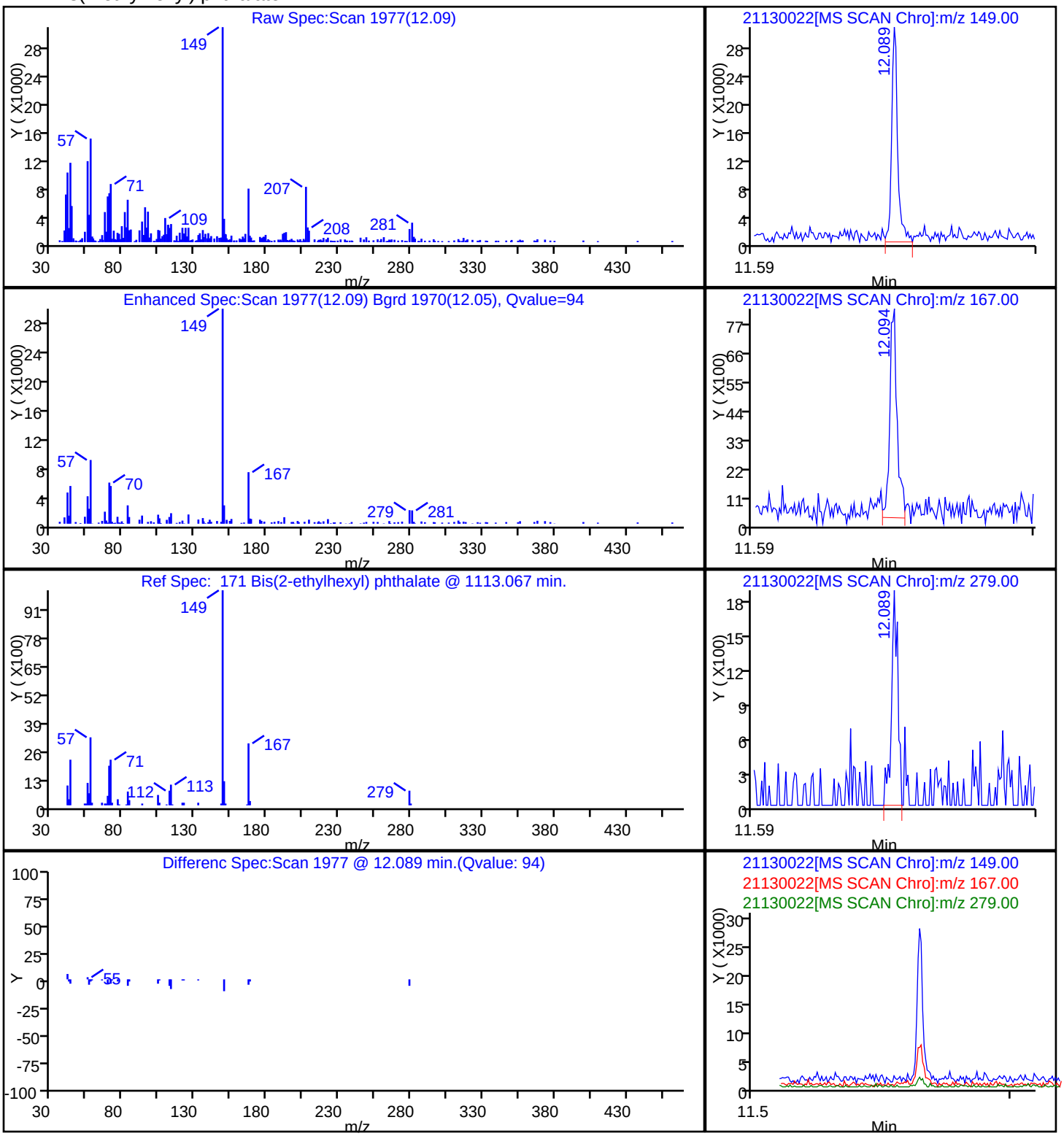


Report Date: 03-Dec-2012 10:36:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130022.D		
Injection Date:	30-Nov-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



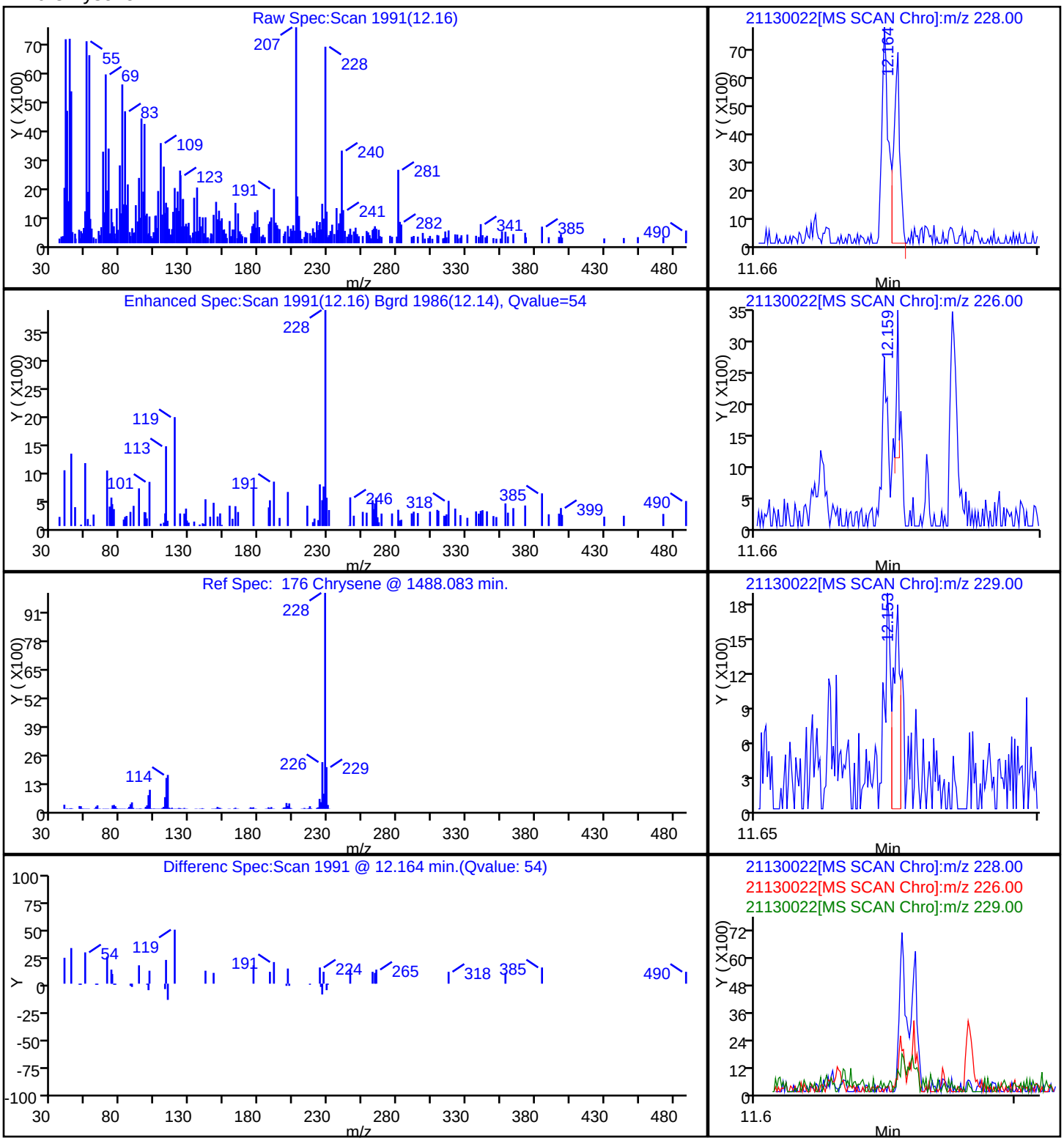
Report Date: 03-Dec-2012 10:36:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130022.D

Injection Date:	30-Nov-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



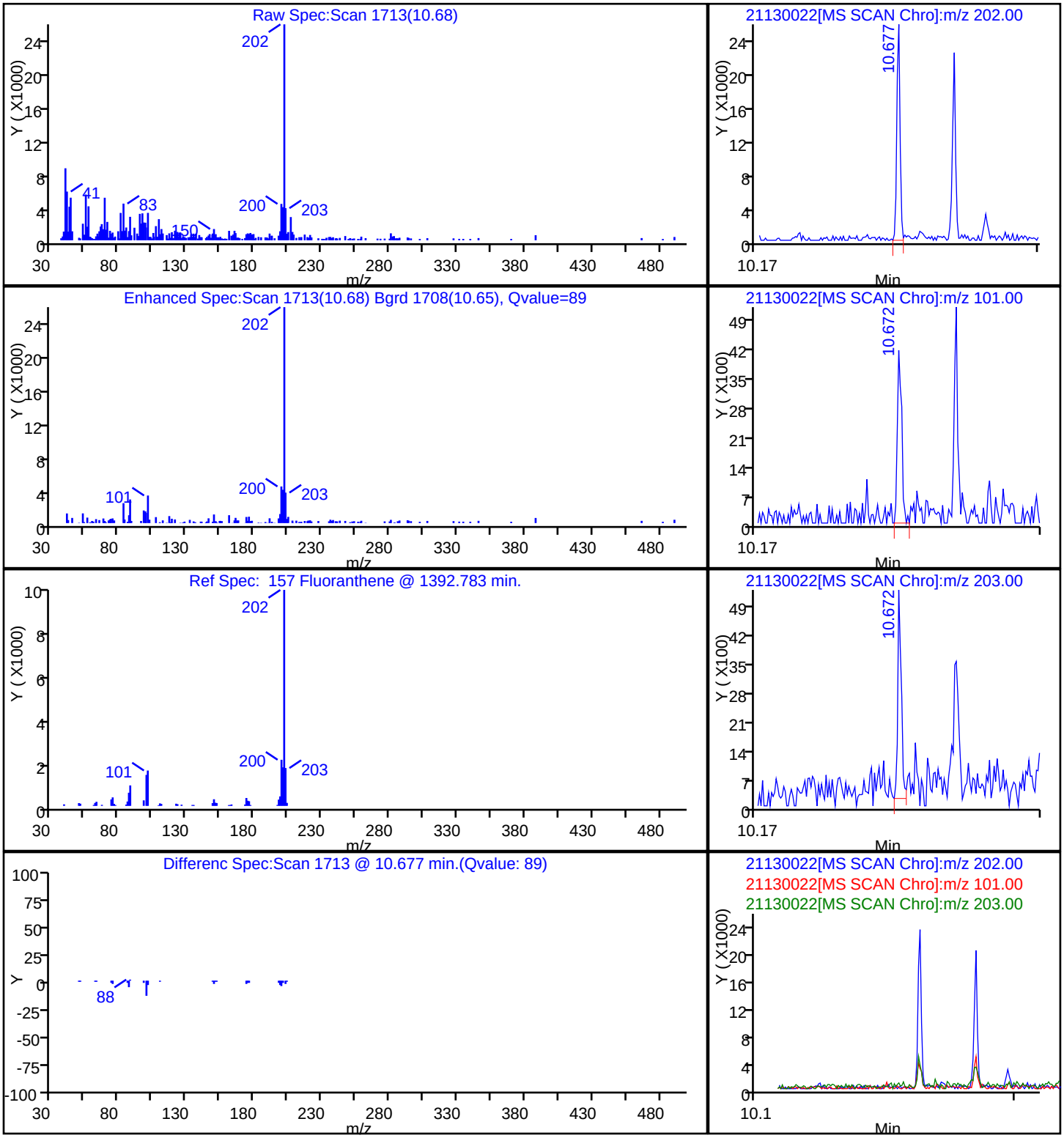
Report Date: 03-Dec-2012 10:36:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130022.D

Injection Date:	30-Nov-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



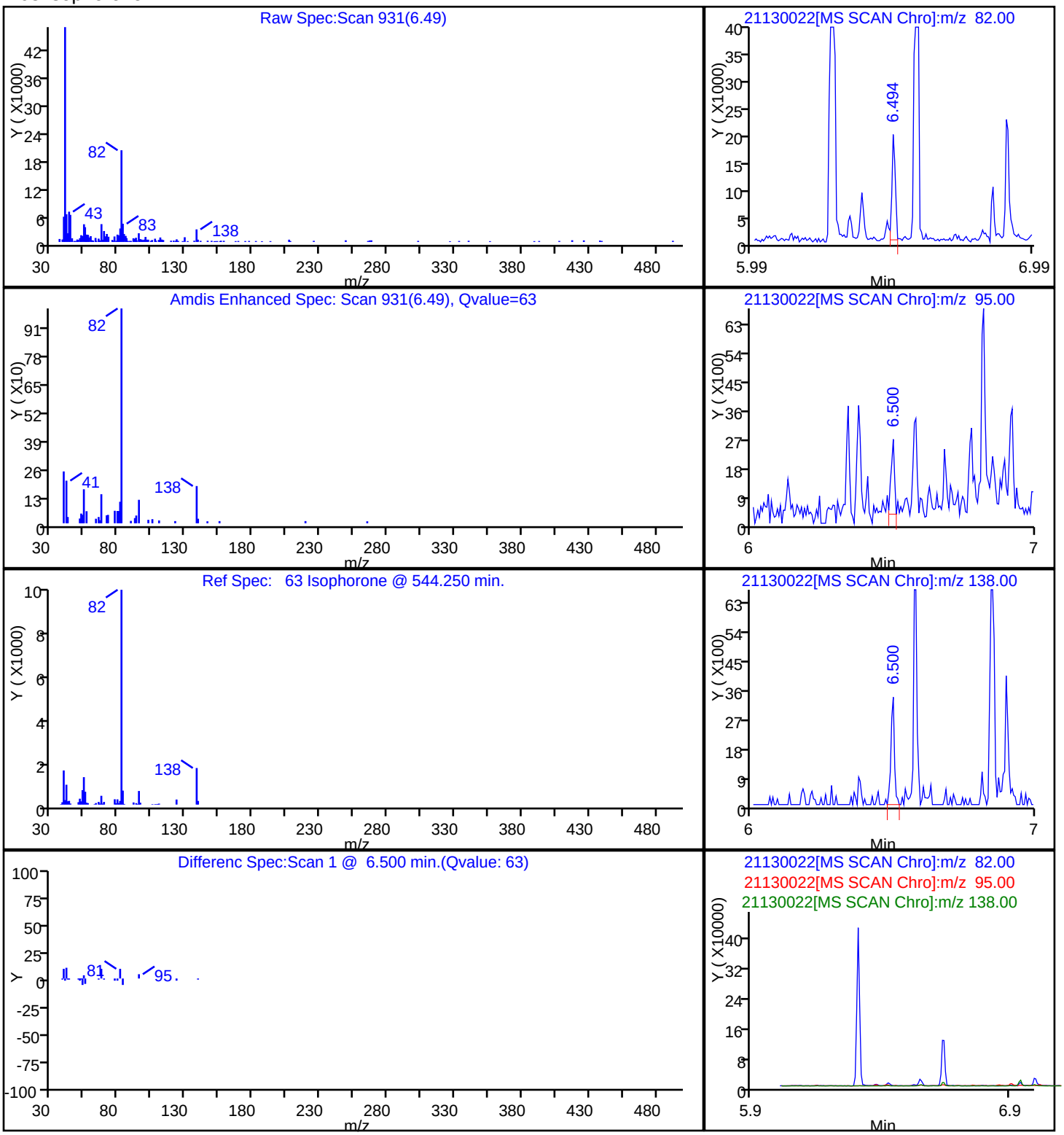
Report Date: 03-Dec-2012 10:36:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130022.D

Injection Date:	30-Nov-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

63 Isophorone

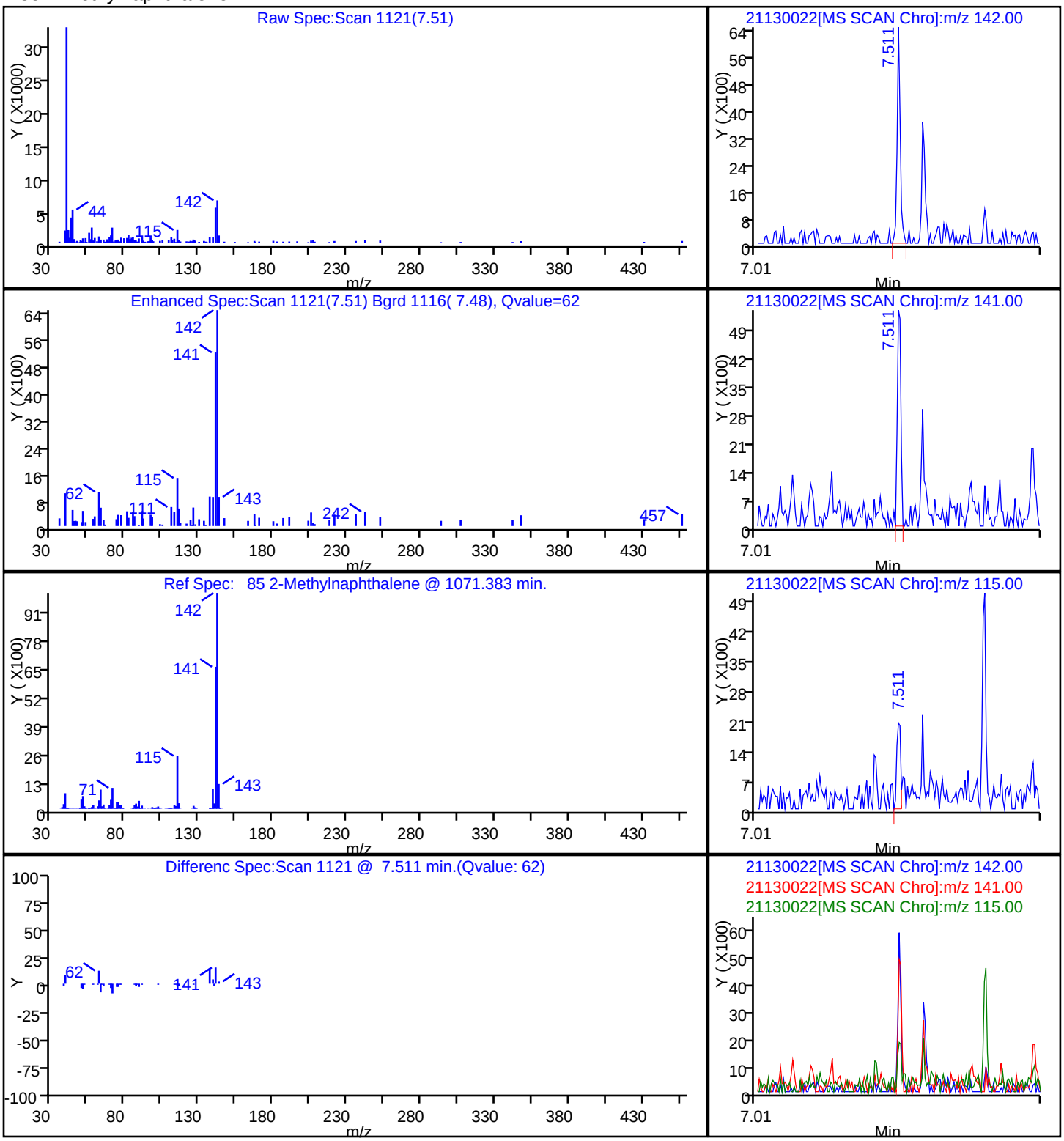


Report Date: 03-Dec-2012 10:36:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130022.D		
Injection Date:	30-Nov-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

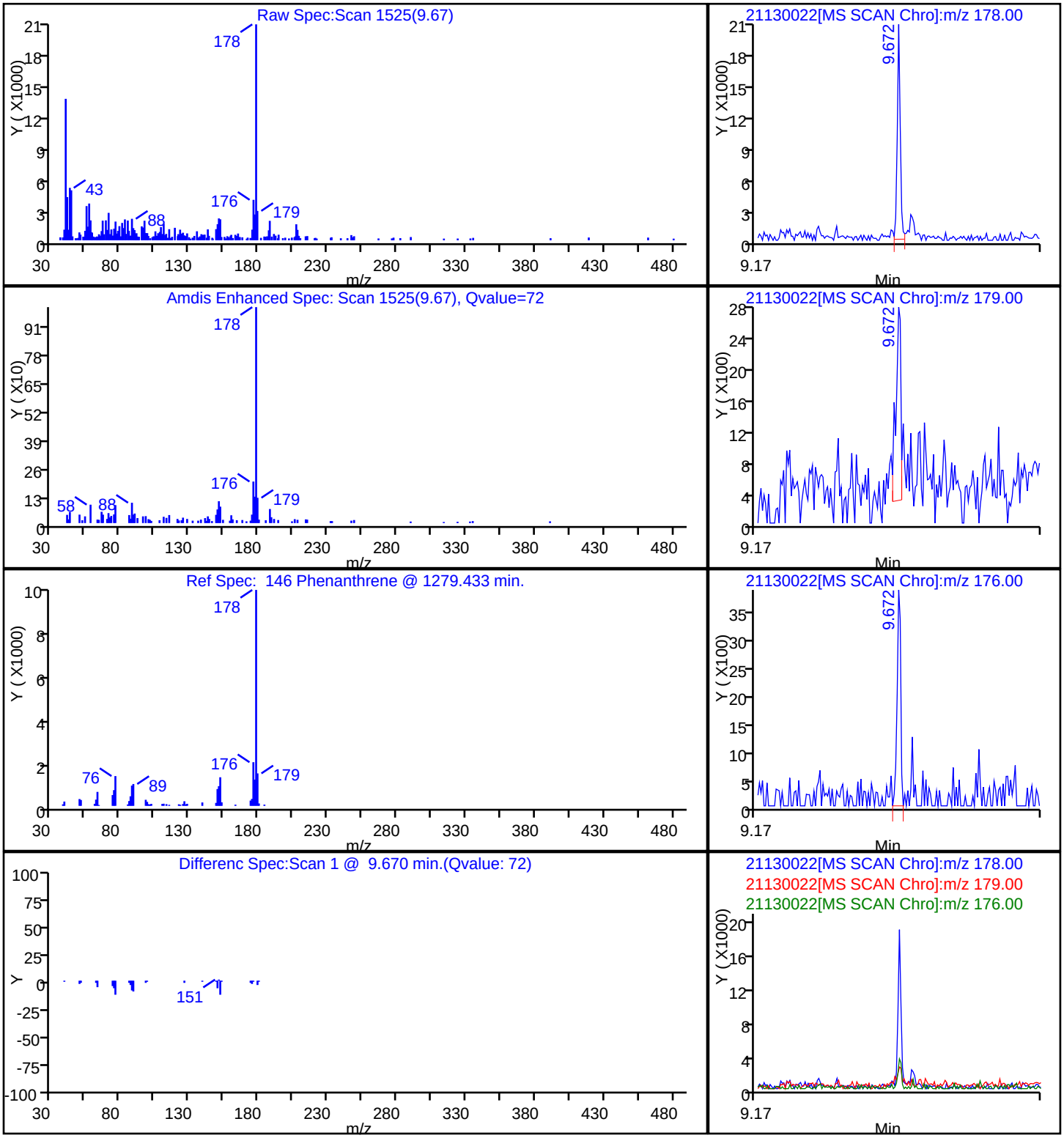


Report Date: 03-Dec-2012 10:36:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130022.D		
Injection Date:	30-Nov-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene

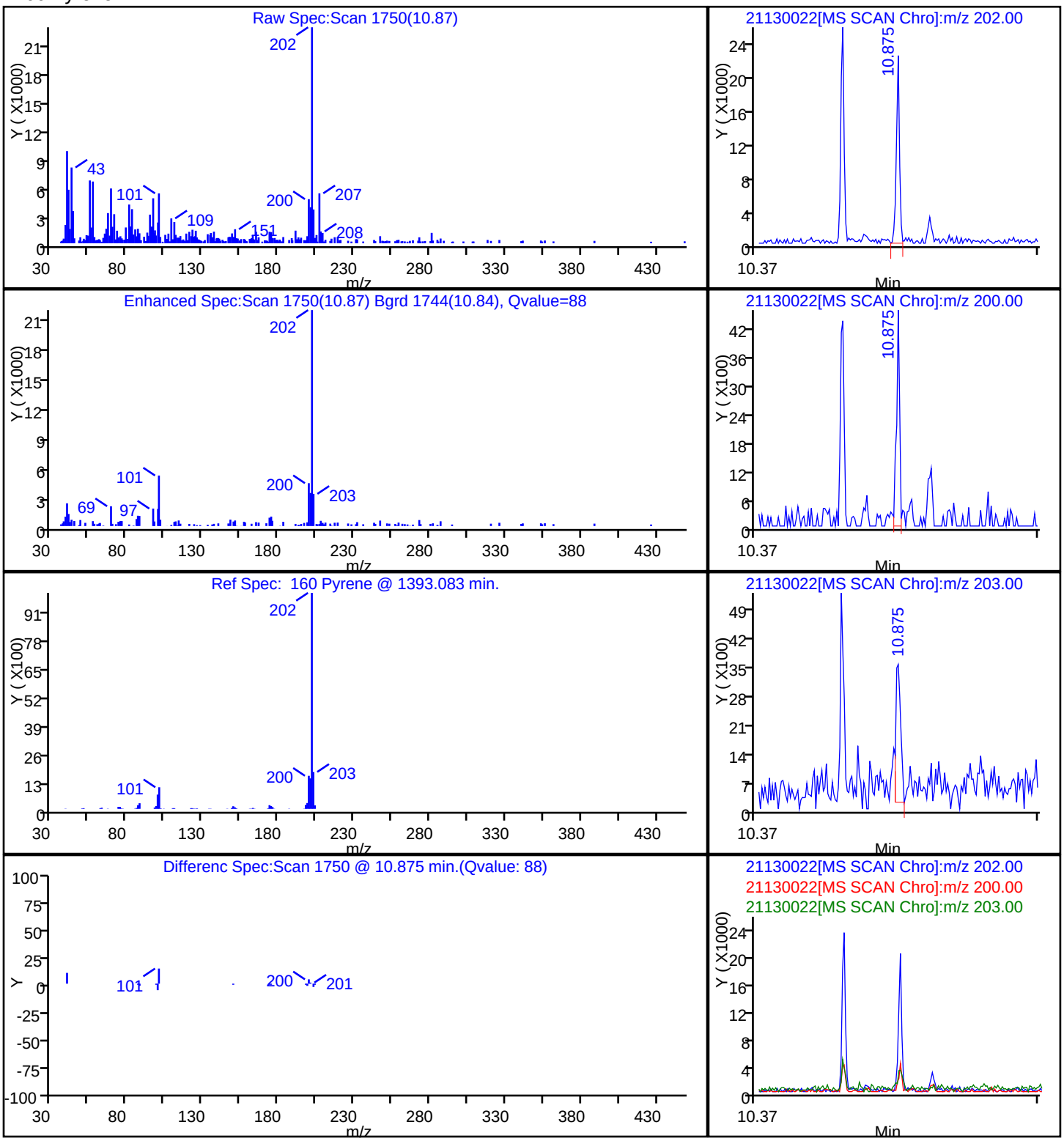


Report Date: 03-Dec-2012 10:36:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130022.D		
Injection Date:	30-Nov-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

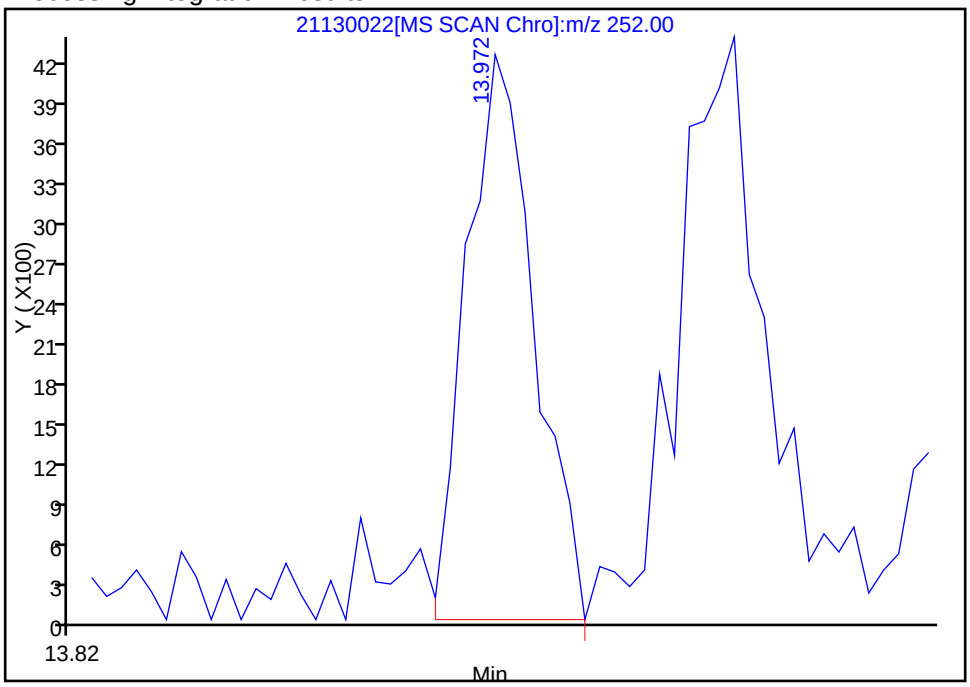
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130022.D		
Injection Date:	30-Nov-2012 16:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	22
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene, Signal: 1, m/z: 252.0 Type: quant, RT: 14.05

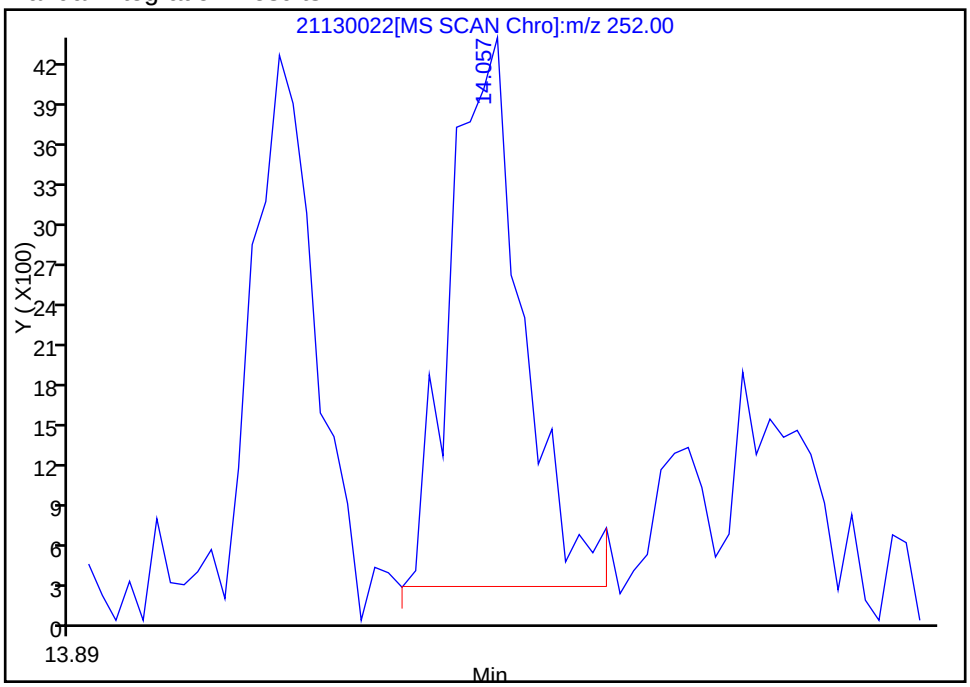
Processing Integration Results

RT: 13.97
Response: 7170
Amount: 0.160670



Manual Integration Results

RT: 14.06
Response: 8114
Amount: 0.166991



Reviewer: gruberj, 03-Dec-2012 10:34:42
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0043M-0001-SO | Lab Sample ID: 240-17768-15

Matrix: Solid | Lab File ID: 21130014.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:55

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.17(g) | Date Analyzed: 11/30/2012 13:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	27	J D	33	16	16
208-96-8	Acenaphthylene	16	U	33	16	16
120-12-7	Anthracene	99	D	33	16	16
56-55-3	Benzo[a]anthracene	240	D	33	16	16
50-32-8	Benzo[a]pyrene	220	D	33	16	16
205-99-2	Benzo[b]fluoranthene	280	D	33	16	16
191-24-2	Benzo[g,h,i]perylene	110	D	33	16	16
65-85-0	Benzoic acid	1700	U	3300	1700	1700
207-08-9	Benzo[k]fluoranthene	84	D M	33	16	16
100-51-6	Benzyl alcohol	130	U	1600	130	100
111-91-1	Bis(2-chloroethoxy)methane	130	U	500	130	110
111-44-4	Bis(2-chloroethyl)ether	16	U	500	16	9.9
108-60-1	bis (2-chloroisopropyl) ether	130	U	500	130	47
117-81-7	Bis(2-ethylhexyl) phthalate	95	J D B	250	130	94
101-55-3	4-Bromophenyl phenyl ether	130	U	250	130	65
85-68-7	Butyl benzyl phthalate	130	U	250	130	50
86-74-8	Carbazole	130	U	250	130	130
106-47-8	4-Chloroaniline	130	U	750	130	85
59-50-7	4-Chloro-3-methylphenol	130	U	750	130	100
91-58-7	2-Chloronaphthalene	16	U	250	16	16
95-57-8	2-Chlorophenol	130	U	250	130	130
7005-72-3	4-Chlorophenyl phenyl ether	130	U	250	130	65
218-01-9	Chrysene	210	D	33	16	5.5
53-70-3	Dibenz(a,h)anthracene	82	D M	33	16	16
132-64-9	Dibenzofuran	29	J D	250	16	16
95-50-1	1,2-Dichlorobenzene	130	U	250	130	48
541-73-1	1,3-Dichlorobenzene	130	U	250	130	55
106-46-7	1,4-Dichlorobenzene	130	U	250	130	99
91-94-1	3,3'-Dichlorobenzidine	400	U	500	400	89
120-83-2	2,4-Dichlorophenol	130	U	750	130	99
84-66-2	Diethyl phthalate	130	U	250	130	80
105-67-9	2,4-Dimethylphenol	400	U	750	400	99
131-11-3	Dimethyl phthalate	130	U	250	130	85
84-74-2	Di-n-butyl phthalate	130	U	250	130	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0043M-0001-SO | Lab Sample ID: 240-17768-15

Matrix: Solid | Lab File ID: 21130014.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:55

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.17(g) | Date Analyzed: 11/30/2012 13:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	400	U	750	400	400
51-28-5	2,4-Dinitrophenol	400	U	1600	400	400
121-14-2	2,4-Dinitrotoluene	130	U	990	130	130
606-20-2	2,6-Dinitrotoluene	130	U	990	130	100
117-84-0	Di-n-octyl phthalate	130	U	250	130	130
206-44-0	Fluoranthene	620	D	33	16	16
86-73-7	Fluorene	34	D	33	16	16
118-74-1	Hexachlorobenzene	16	U	33	16	10
87-68-3	Hexachlorobutadiene	130	U	250	130	130
77-47-4	Hexachlorocyclopentadiene	130	U	1600	130	130
67-72-1	Hexachloroethane	130	U	250	130	45
193-39-5	Indeno[1,2,3-cd]pyrene	120	D	33	16	16
78-59-1	Isophorone	130	U	250	130	65
91-57-6	2-Methylnaphthalene	16	U	33	16	16
95-48-7	2-Methylphenol	400	U	990	400	400
15831-10-4	3 & 4 Methylphenol	400	U	2000	400	99
91-20-3	Naphthalene	23	J D	33	16	16
88-74-4	2-Nitroaniline	130	U	990	130	45
99-09-2	3-Nitroaniline	400	U	990	400	80
100-01-6	4-Nitroaniline	130	U	990	130	130
98-95-3	Nitrobenzene	16	U	500	16	11
88-75-5	2-Nitrophenol	130	U	250	130	130
100-02-7	4-Nitrophenol	400	U	1600	400	400
621-64-7	N-Nitrosodi-n-propylamine	130	U	250	130	130
86-30-6	N-Nitrosodiphenylamine	130	U	250	130	100
87-86-5	Pentachlorophenol	400	U	750	400	400
85-01-8	Phenanthrene	470	D	33	16	16
108-95-2	Phenol	130	U	250	130	130
129-00-0	Pyrene	450	D	33	16	16
120-82-1	1,2,4-Trichlorobenzene	130	U	250	130	130
95-95-4	2,4,5-Trichlorophenol	130	U	750	130	120
88-06-2	2,4,6-Trichlorophenol	400	U	750	400	400

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0043M-0001-SO | Lab Sample ID: 240-17768-15

Matrix: Solid | Lab File ID: 21130014.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 15:55

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.17(g) | Date Analyzed: 11/30/2012 13:31

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	59		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	66		35-100
4165-62-2	Phenol-d5 (Surr)	64		40-100
1718-51-0	Terphenyl-d14 (Surr)	70		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	66		35-125

Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D
Lims ID: 240-17768-E-15-D Client ID: 076SB-0043M-0001-SO
Inject. Date: 30-Nov-2012 13:31:30 Dil. Factor: 5.0000
Sample Type: Client
Sample ID: 240-0015418-014
Misc. Info.: 240-17768-e-15-d
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 66878 Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m
Last Update: 03-Dec-2012 10:35:45 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: XAWRK014

First Level Reviewer: gruberj Date: 30-Nov-2012 14:48:41

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.783	5.778	0.005	95	142810	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	99	557615	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	92	320509	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	98	549849	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.005	98	579626	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	92	517314	4.00	
$ 7 2-Fluorophenol	112	4.532	4.494	0.038	89	85970	1.95	
$ 8 Phenol-d5	99	5.436	5.425	0.011	95	108431	1.93	
$ 9 Nitrobenzene-d5	82	6.270	6.270	0.0	88	65009	1.33	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	98	123564	1.19	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	91	26319	1.99	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	99	150297	1.40	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					
46 2-Chlorophenol	128		5.585					
47 1,3-Dichlorobenzene	146		5.724					
48 1,4-Dichlorobenzene	146		5.794					
49 Benzyl alcohol	108		5.895					9
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					9
52 2,2'-oxybis[1-chloropropane]	45		6.019					
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					9
60 Hexachloroethane	117		6.238					
61 Nitrobenzene	77		6.291					9
63 Isophorone	82		6.495					9
65 2-Nitrophenol	139		6.569					9
64 2,4-Dimethylphenol	107		6.591					
69 Benzoic acid	122		6.660					9
68 Bis(2-chloroethoxy)methane	93		6.676					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128	6.922	6.922	0.0	76	9718	0.0697	
74 4-Chloroaniline	127		6.960					9
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					
85 2-Methylnaphthalene	142		7.511					
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					
91 2,4,5-Trichlorophenol	196		7.778					
98 2-Chloronaphthalene	162		7.928					
100 2-Nitroaniline	65		8.003					
103 Dimethyl phthalate	163		8.147					9
105 2,6-Dinitrotoluene	165		8.201					
107 Acenaphthylene	152		8.281					9
108 3-Nitroaniline	138		8.351					
110 Acenaphthene	153	8.425	8.425	0.0	65	7069	0.0804	
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					9
112 2,4-Dinitrotoluene	165		8.543					
114 Dibenzofuran	168	8.570	8.570	0.0	82	11337	0.0869	
119 Diethyl phthalate	149		8.736					9
121 4-Chlorophenyl phenyl ether	204		8.848					
124 Fluorene	166	8.859	8.859	0.0	72	10735	0.1024	
123 4-Nitroaniline	138		8.864					
126 4,6-Dinitro-2-methylphenol	198		8.885					
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					
146 Phenanthrene	178	9.672	9.672	0.0	96	211647	1.41	
147 Anthracene	178	9.714	9.714	0.0	90	44749	0.2998	
149 Carbazole	167	9.843	9.843	0.0	79	20832	0.1437	
151 Di-n-butyl phthalate	149		10.105					
157 Fluoranthene	202	10.677	10.677	0.0	97	309853	1.87	
160 Pyrene	202	10.875	10.875	0.0	95	250829	1.36	
166 Butyl benzyl phthalate	149		11.447					
173 3,3'-Dichlorobenzidine	252		12.068					
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	72	10055	0.2863	
175 Benzo[a]anthracene	228	12.116	12.116	0.0	91	115585	0.7146	
176 Chrysene	228	12.159	12.164	-0.005	88	97391	0.6317	
178 Di-n-octyl phthalate	149		12.961					9
180 Benzo[b]fluoranthene	252	13.571	13.565	0.006	87	137288	0.8319	
181 Benzo[k]fluoranthene	252	13.608	13.608	0.0	92	45210	0.2521	M
182 Benzo[a]pyrene	252	14.052	14.052	0.0	68	91970	0.6638	
186 Indeno[1,2,3-cd]pyrene	276	15.737	15.742	-0.005	92	52467	0.3667	
187 Dibenz(a,h)anthracene	278	15.774	15.769	0.005	12	12547	0.2469	M
188 Benzo[g,h,i]perylene	276	16.149	16.154	-0.005	88	50753	0.3427	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

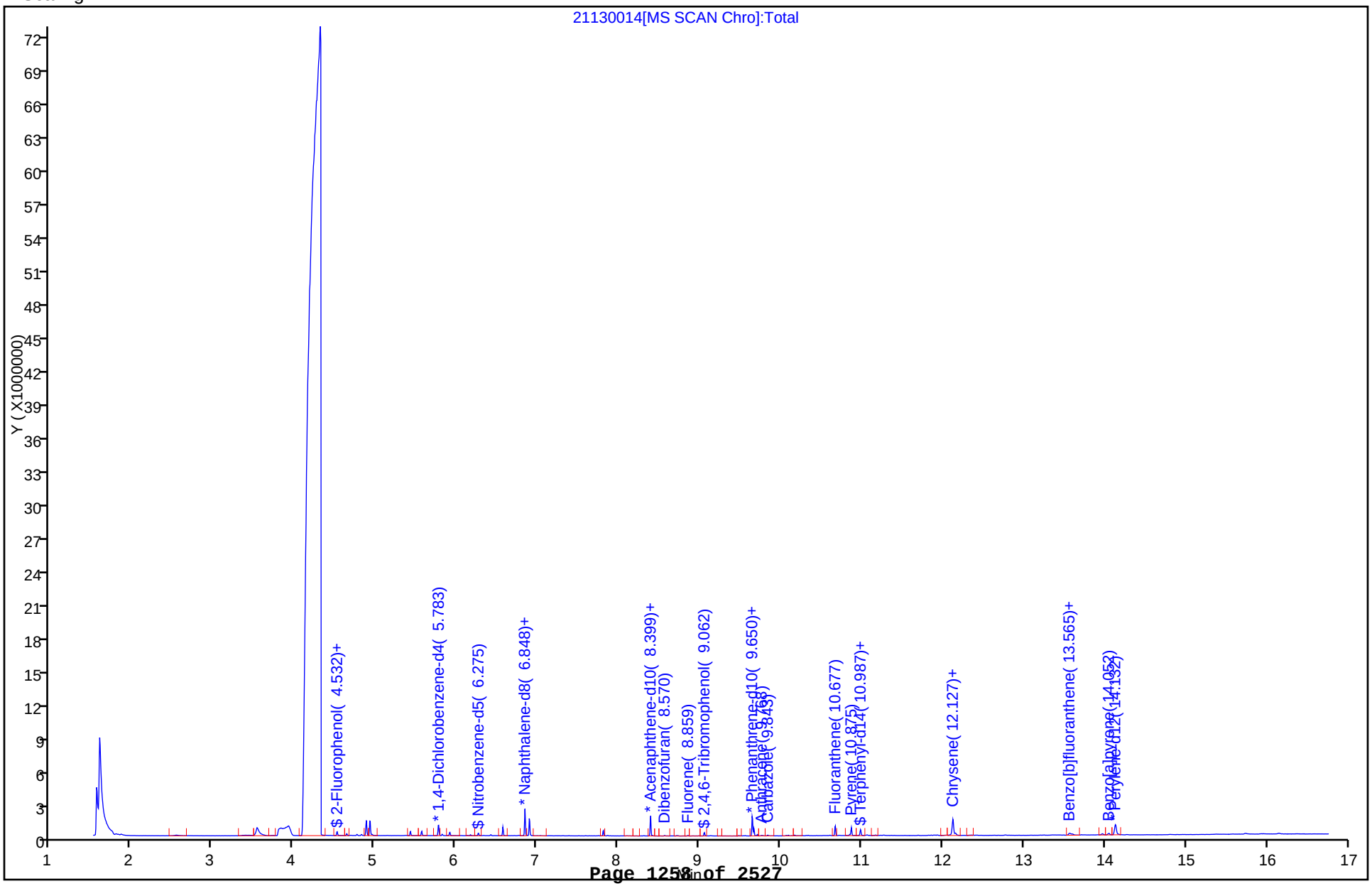
Review Flags
M - Manually Integrated

Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D		
Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

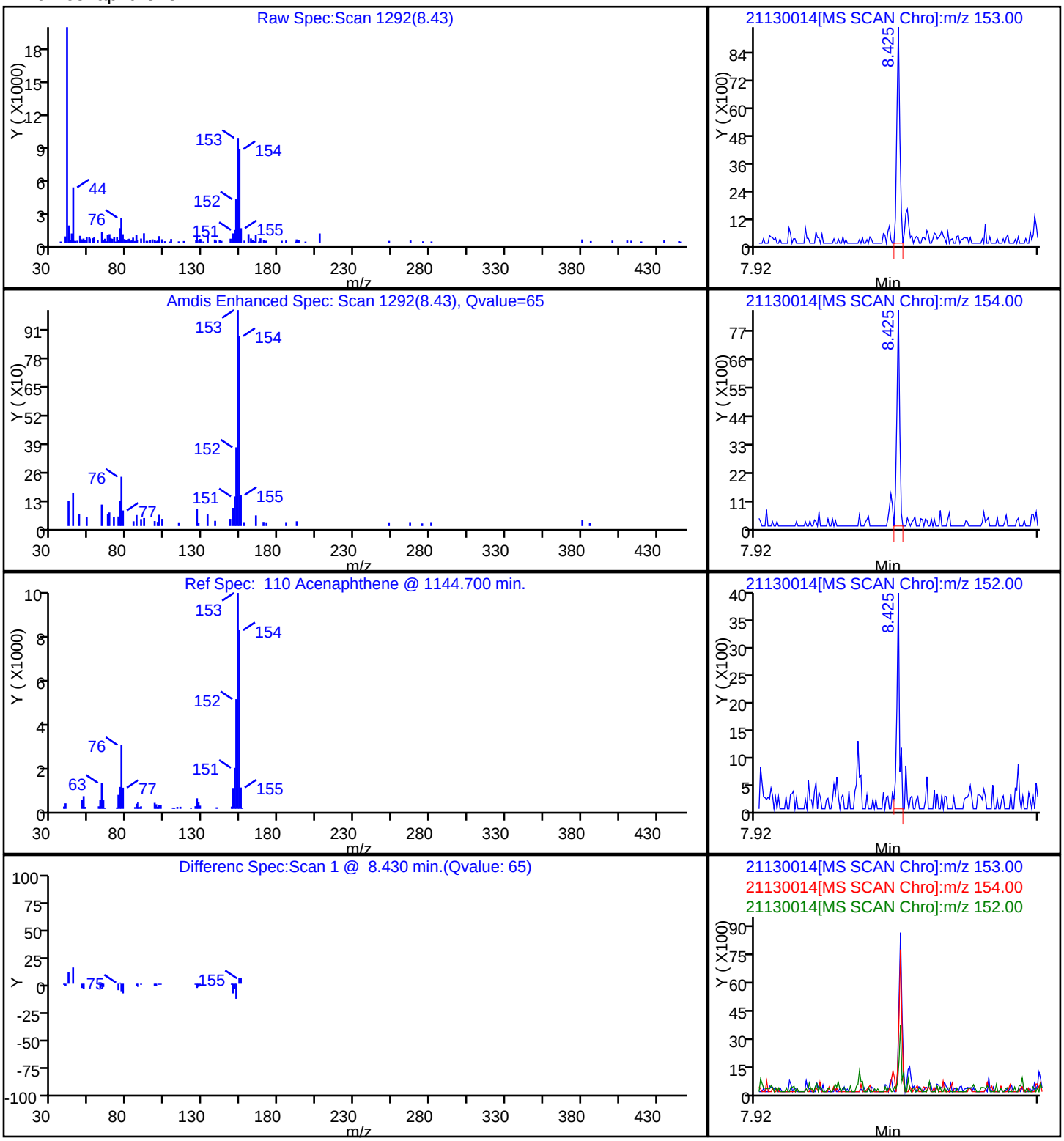


Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D		
Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

110 Acenaphthene

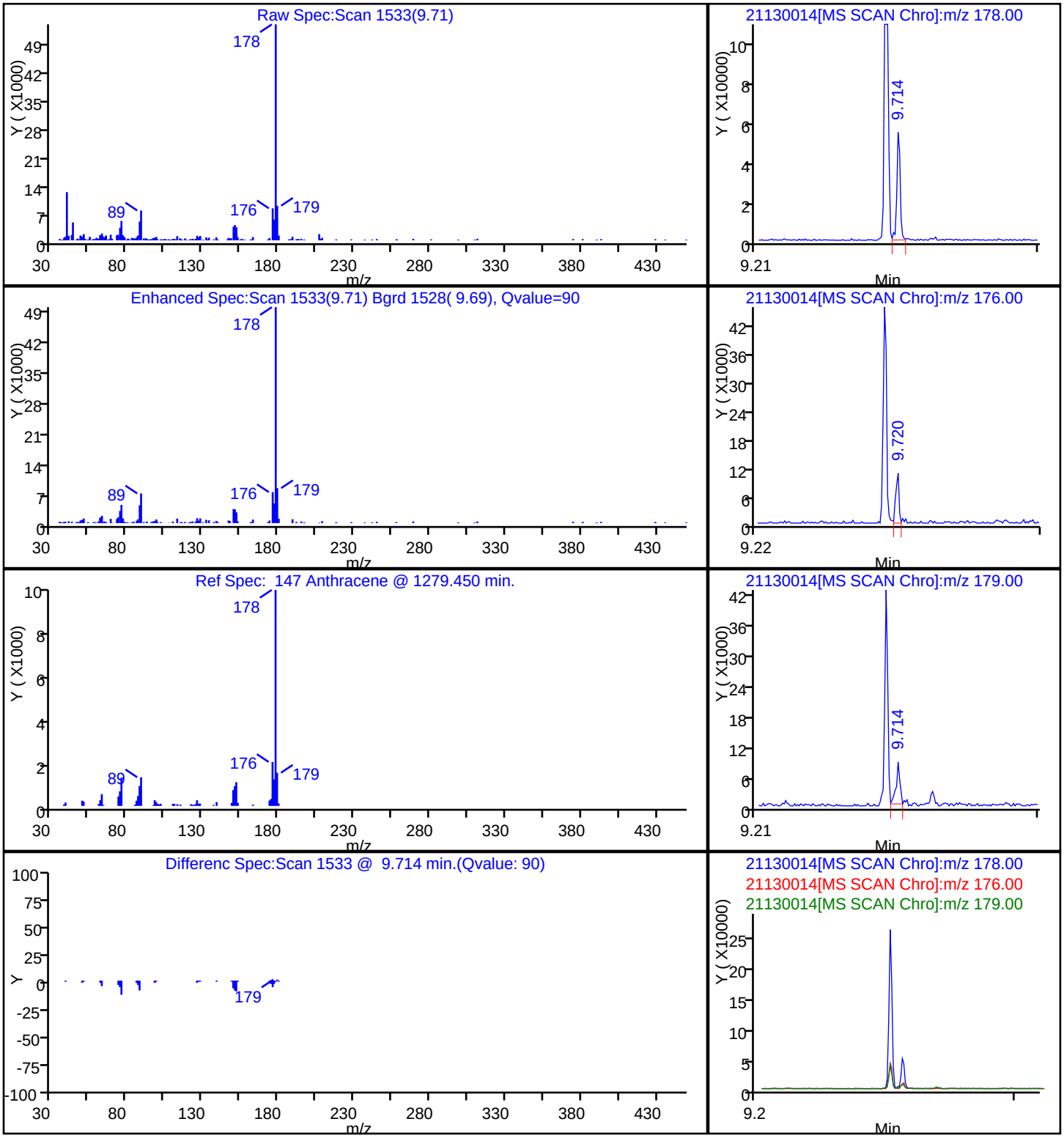


Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D		
Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene

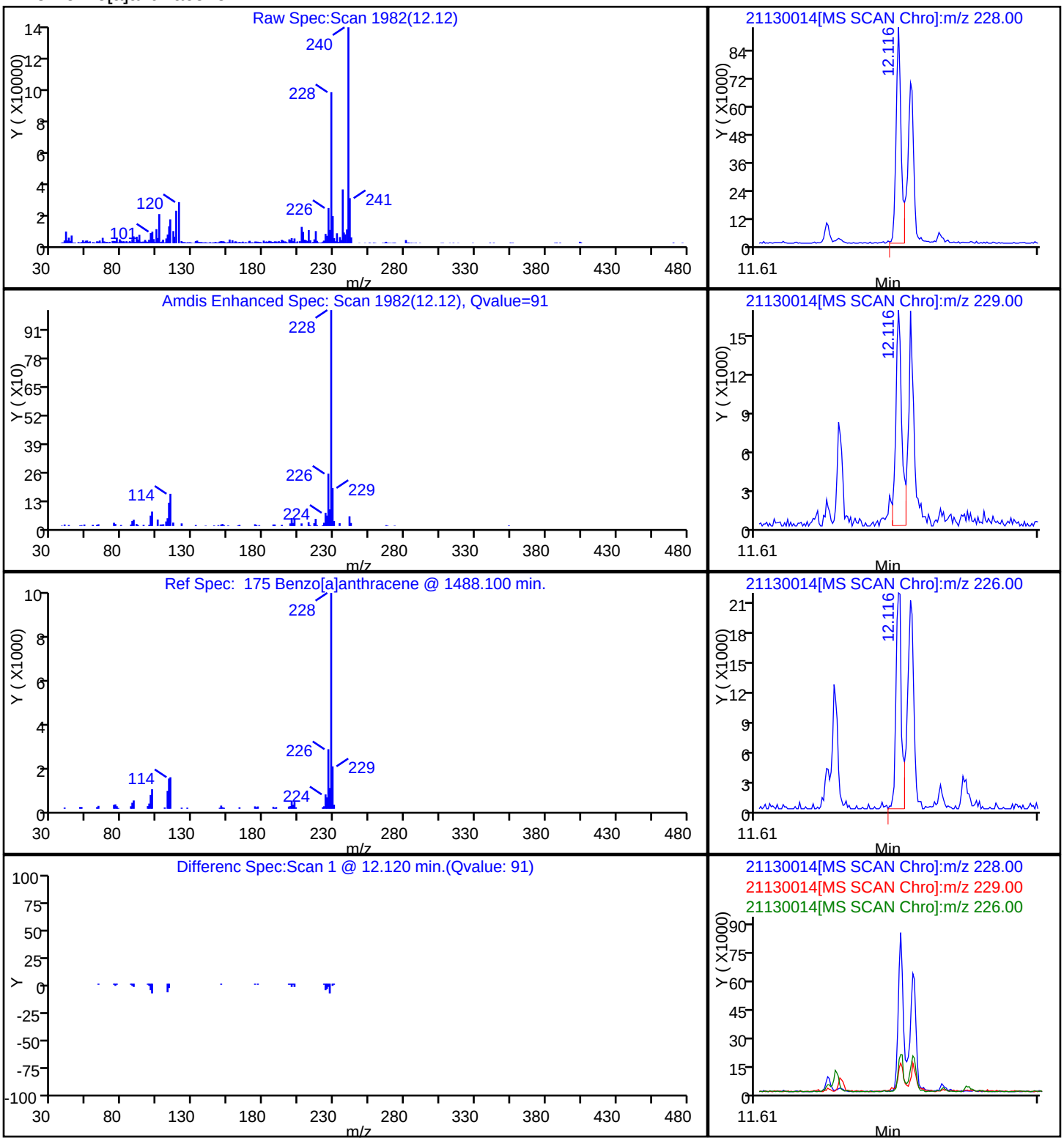


Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D		
Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



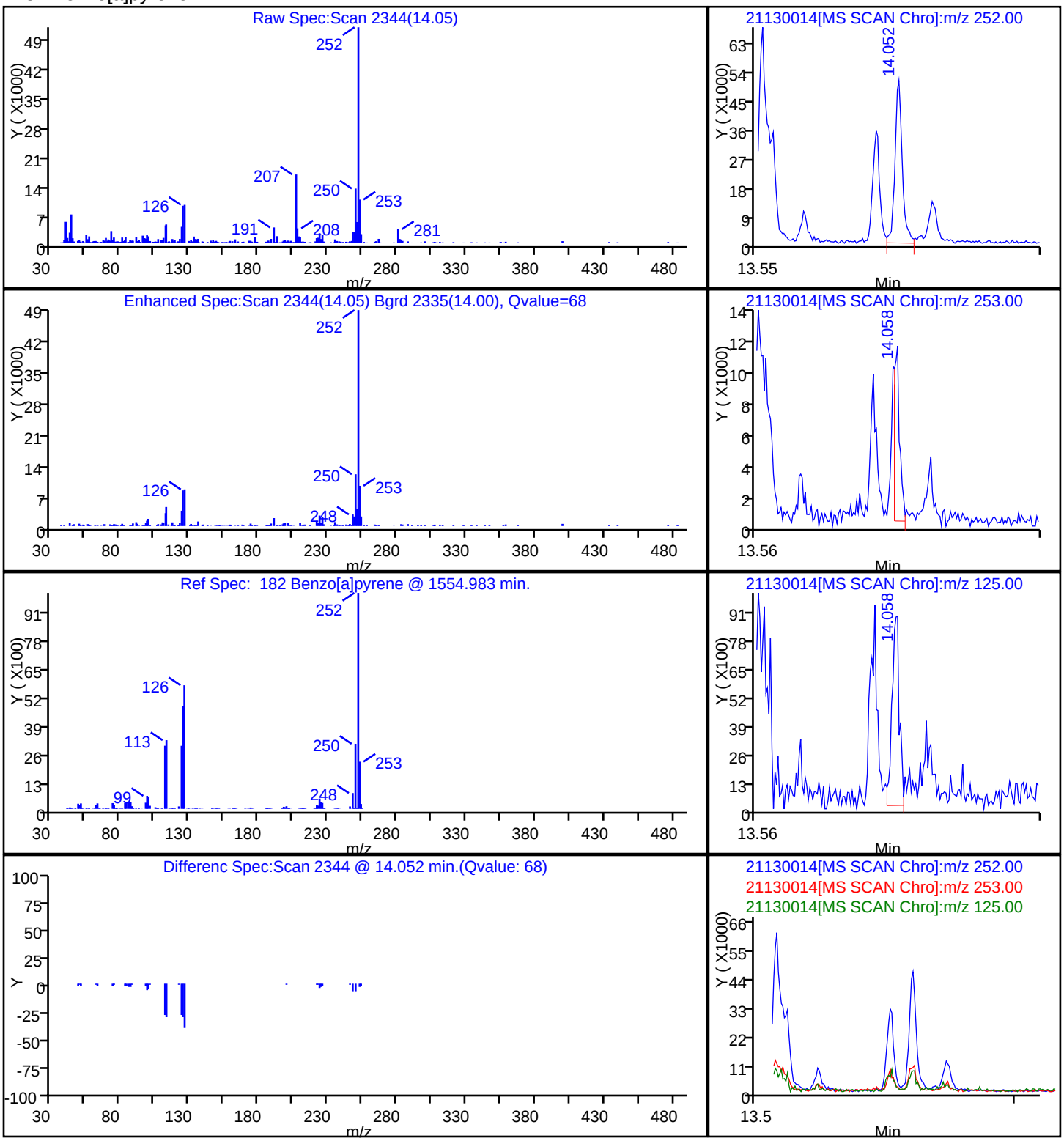
Report Date: 03-Dec-2012 10:35:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D

Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

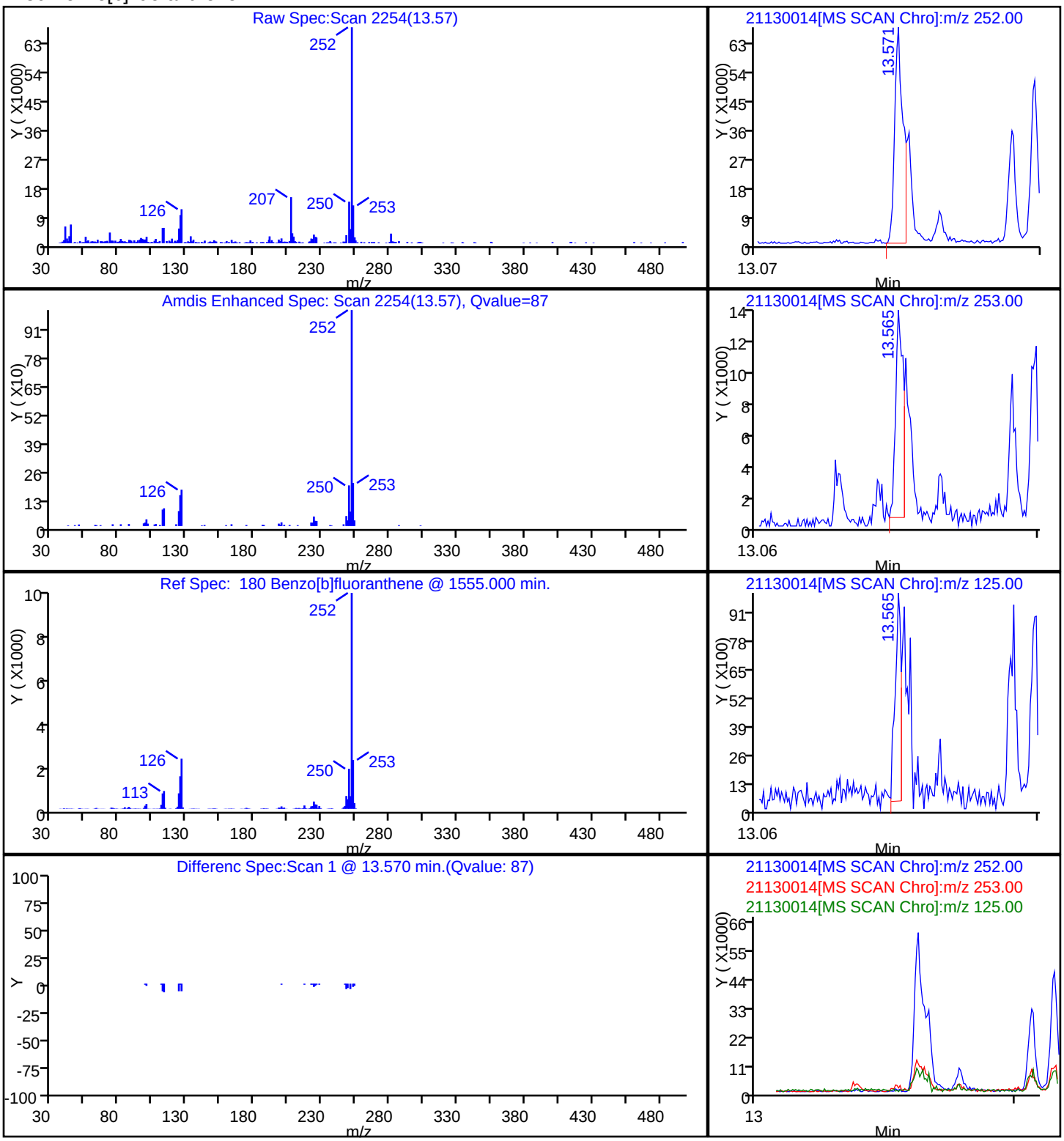


Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D		
Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

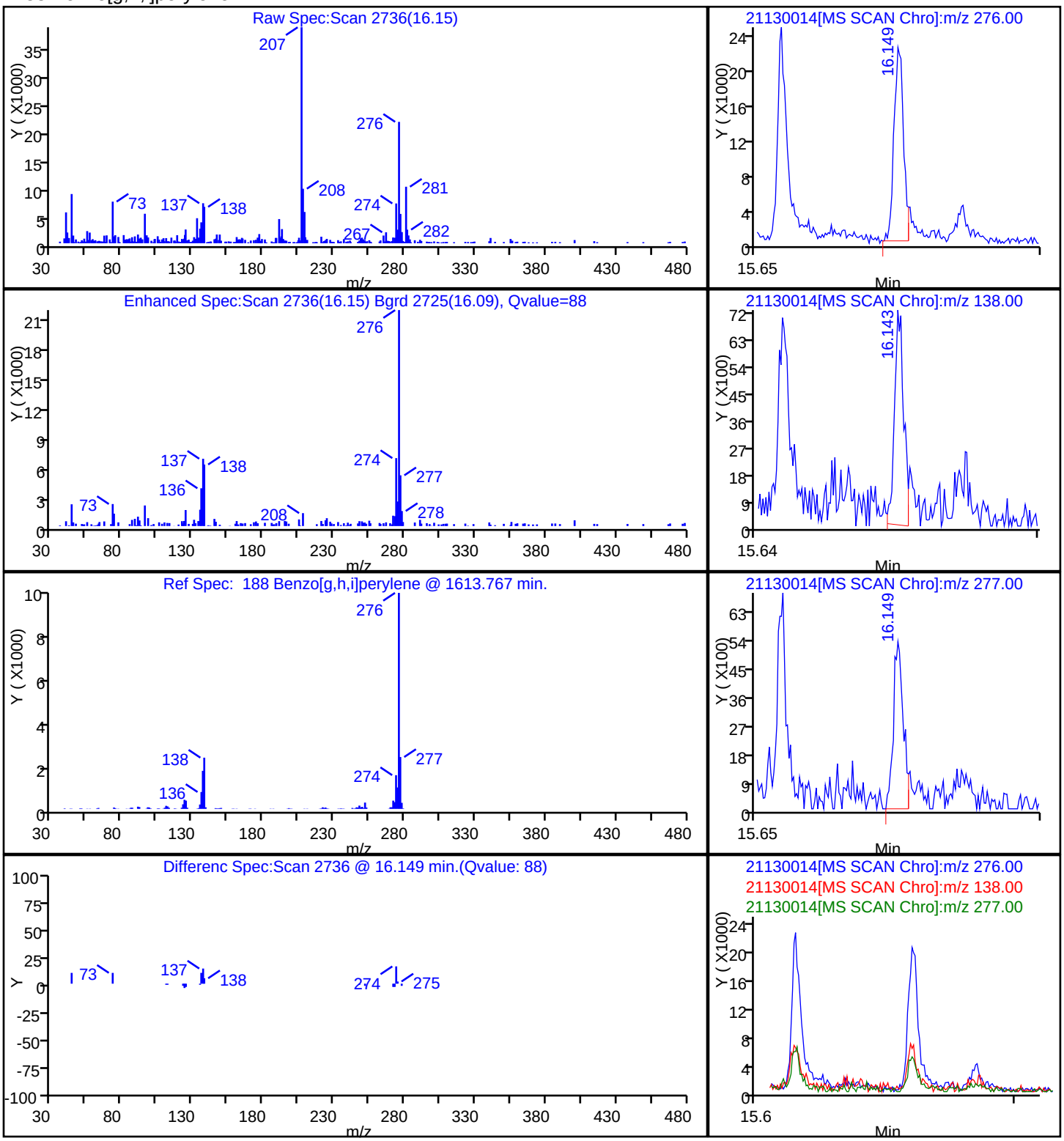


Report Date: 03-Dec-2012 10:35:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D		
Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



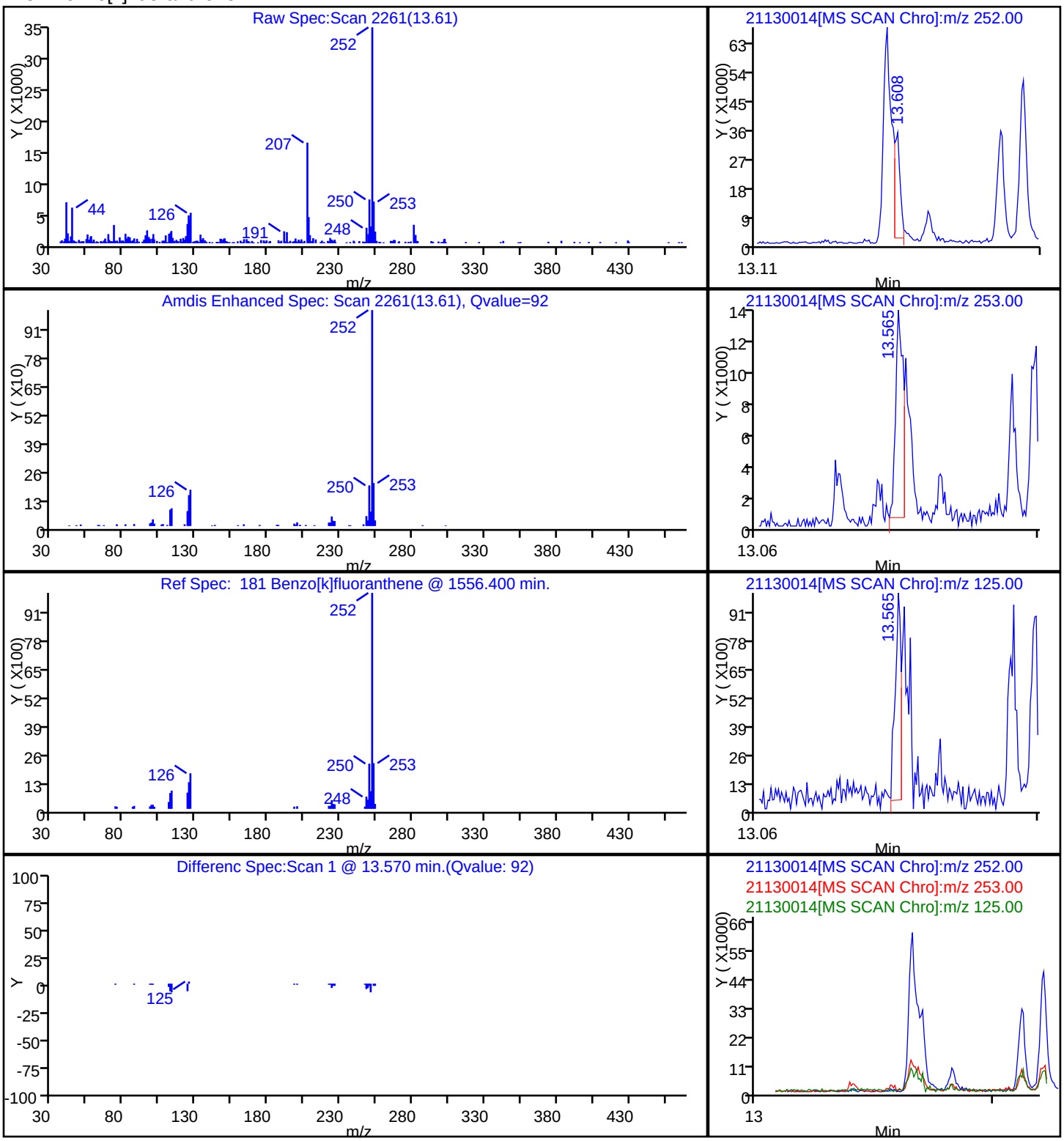
Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D

Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

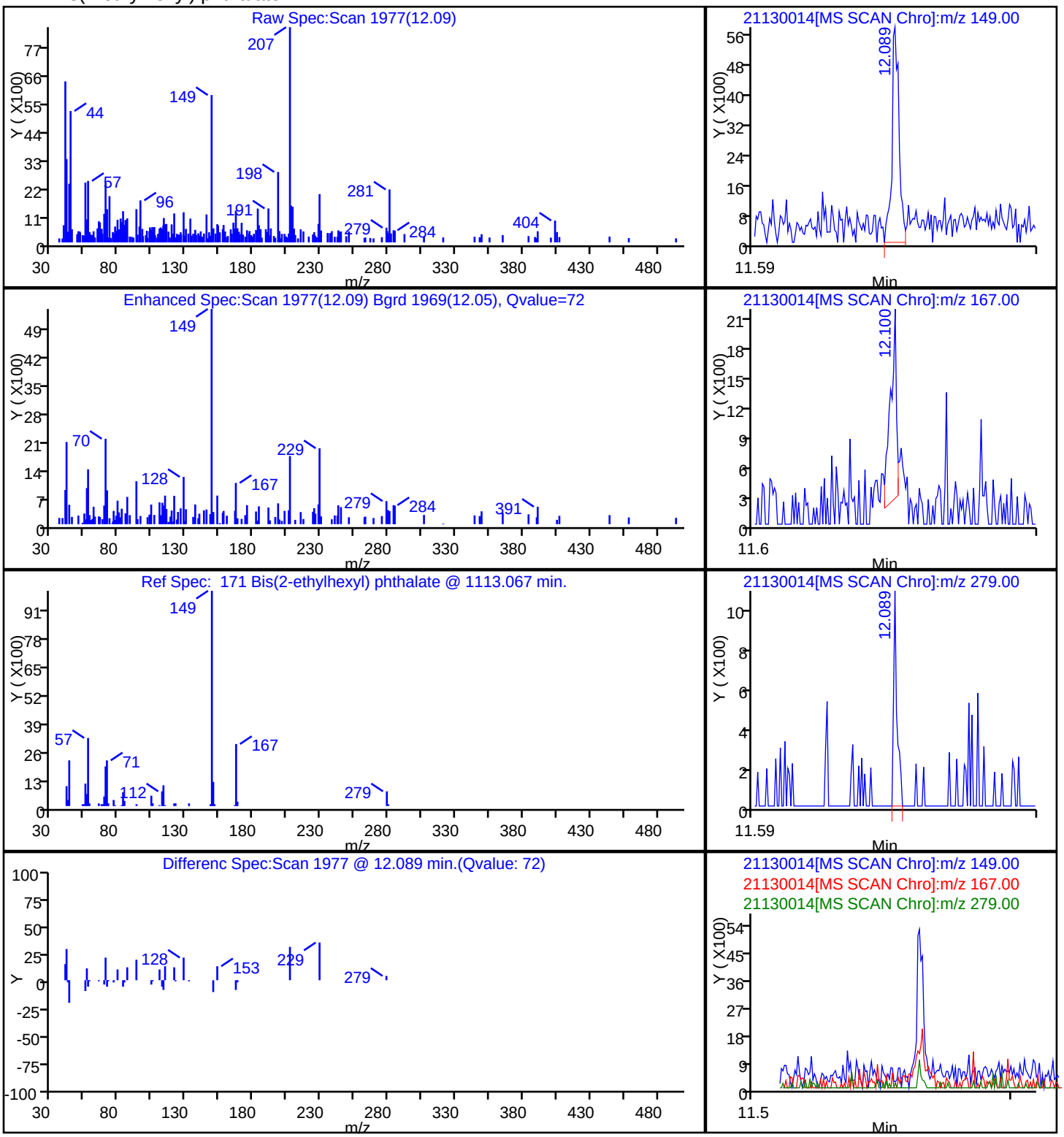


Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D		
Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



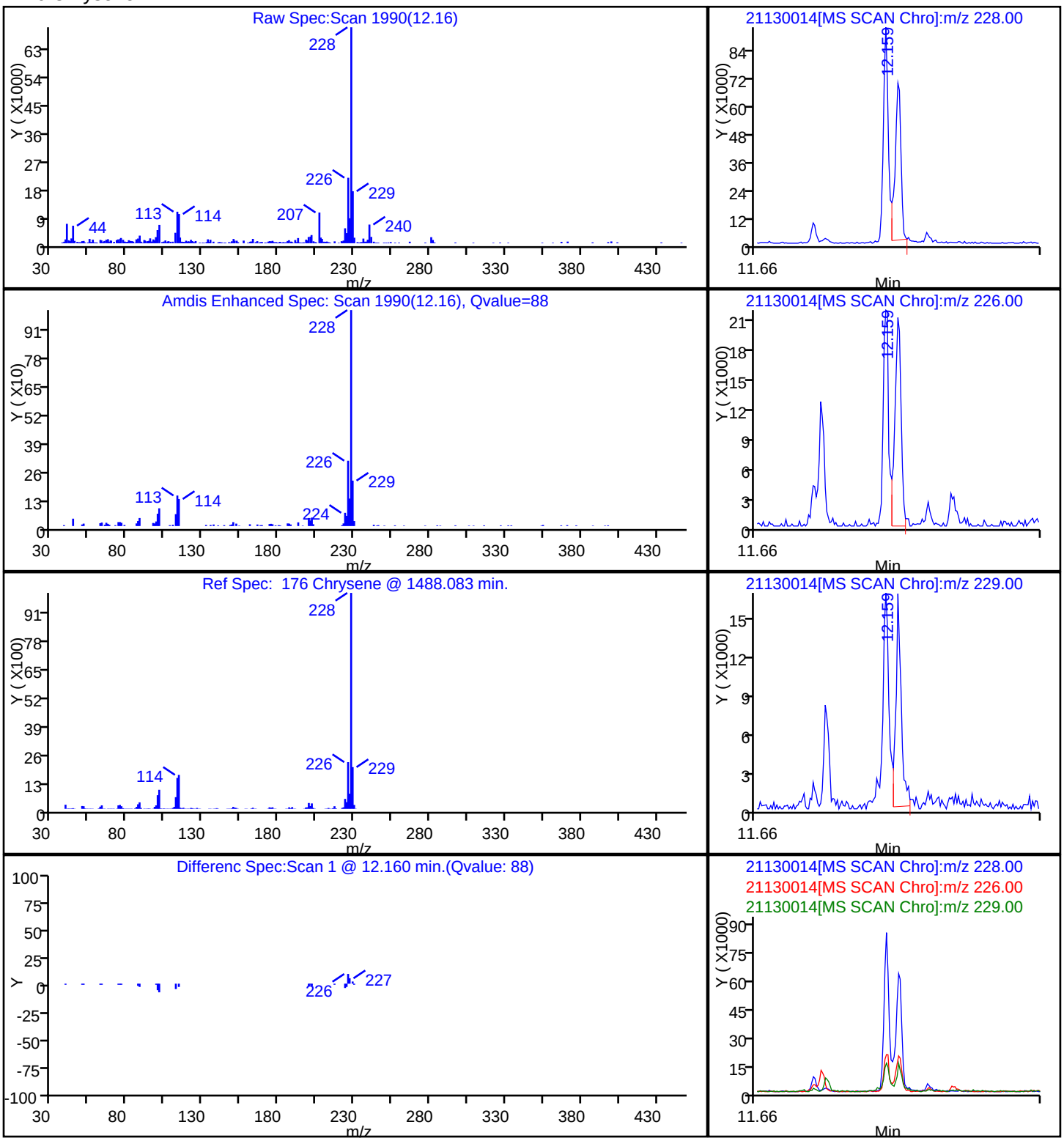
Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D

Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene

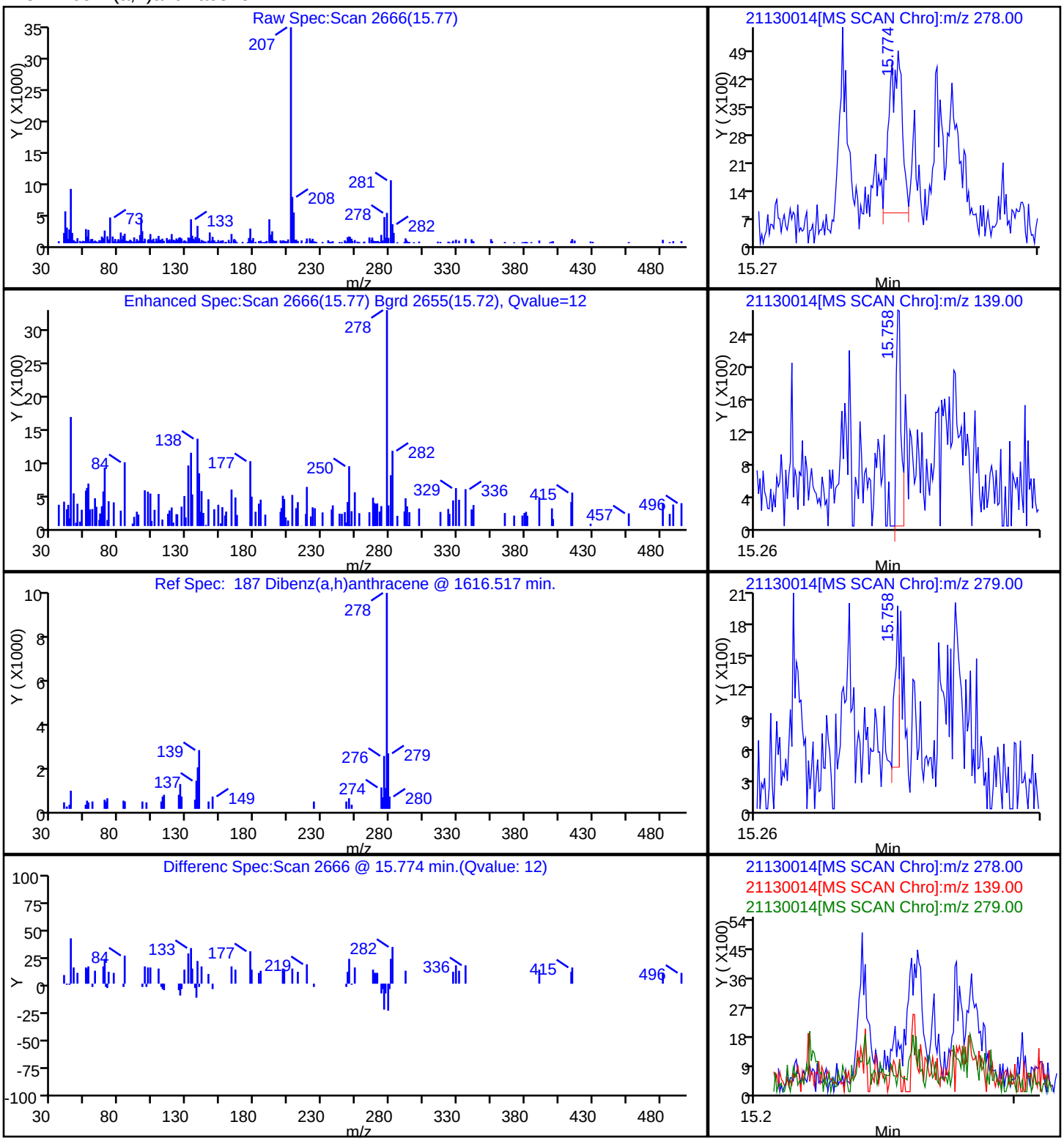


Report Date: 03-Dec-2012 10:35:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D		
Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene



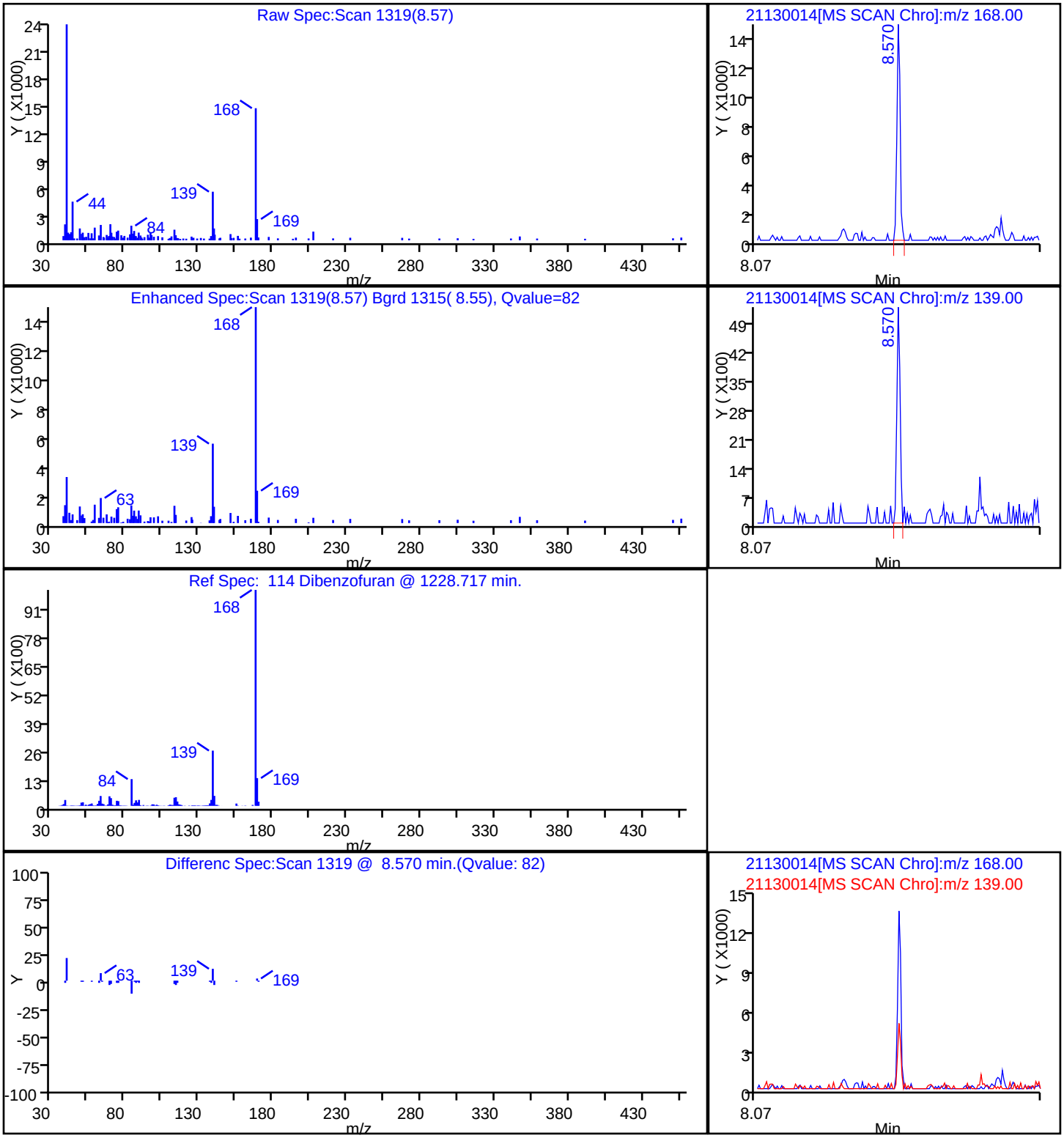
Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D

Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



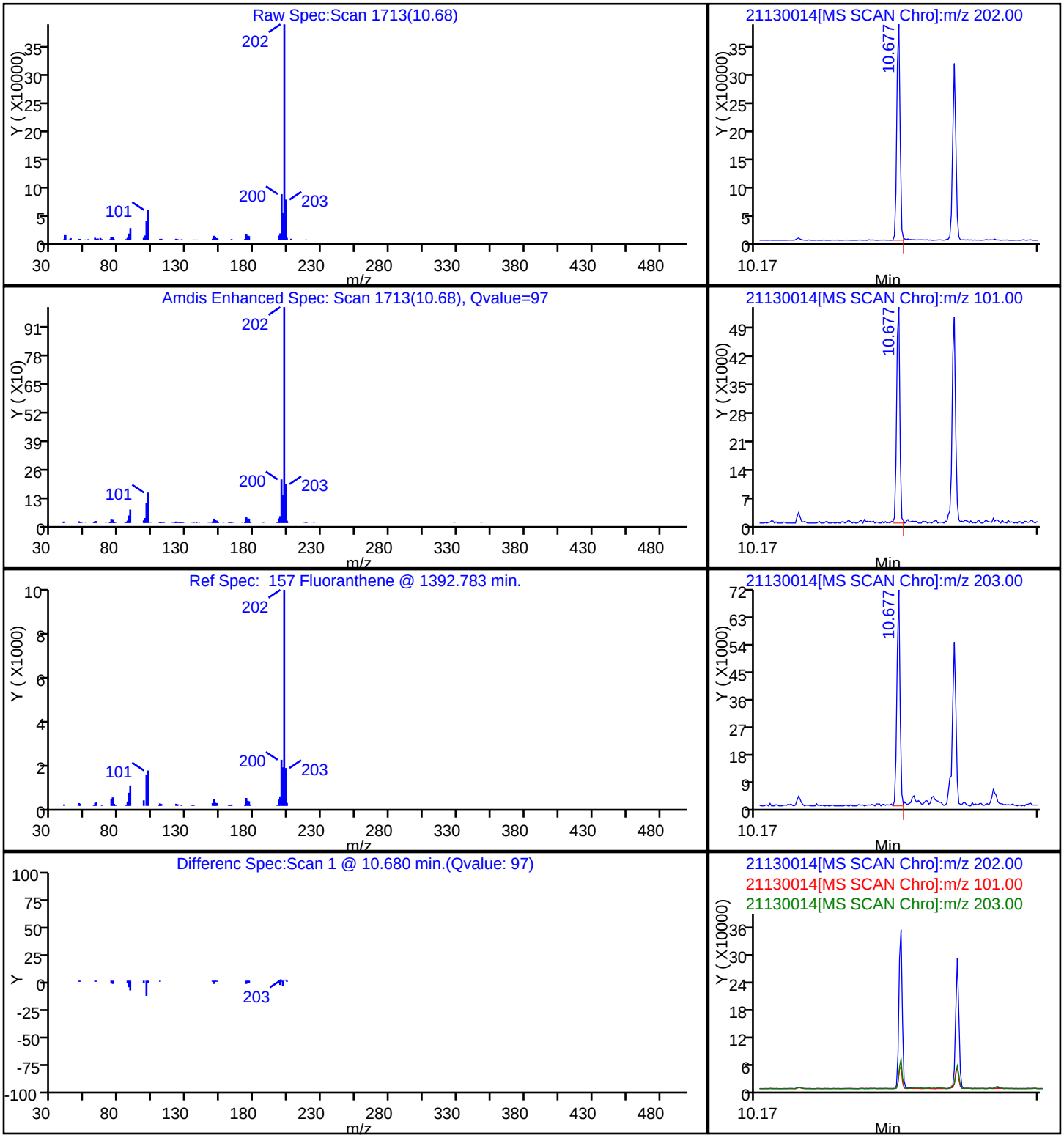
Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D

Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



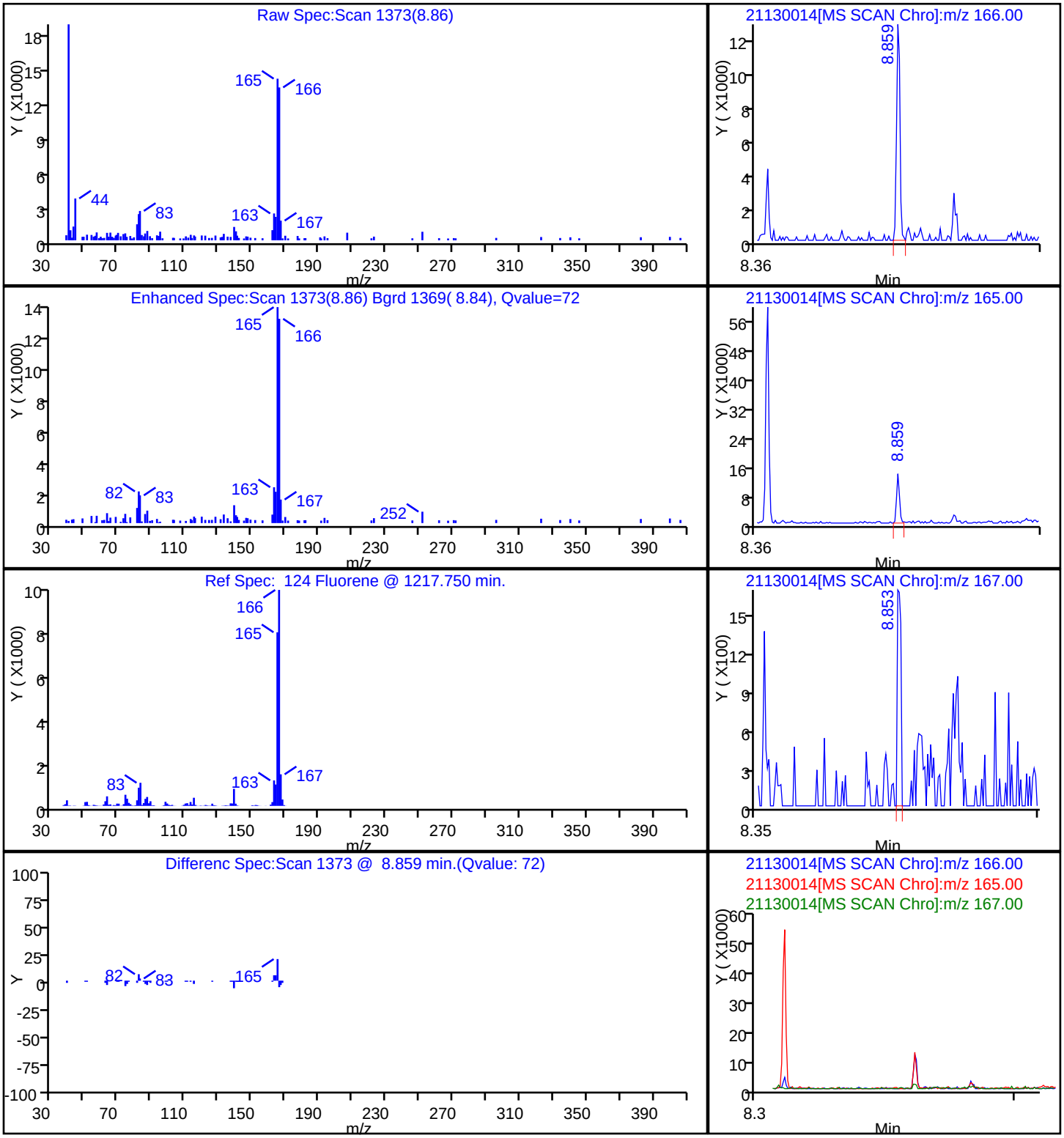
Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D

Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene

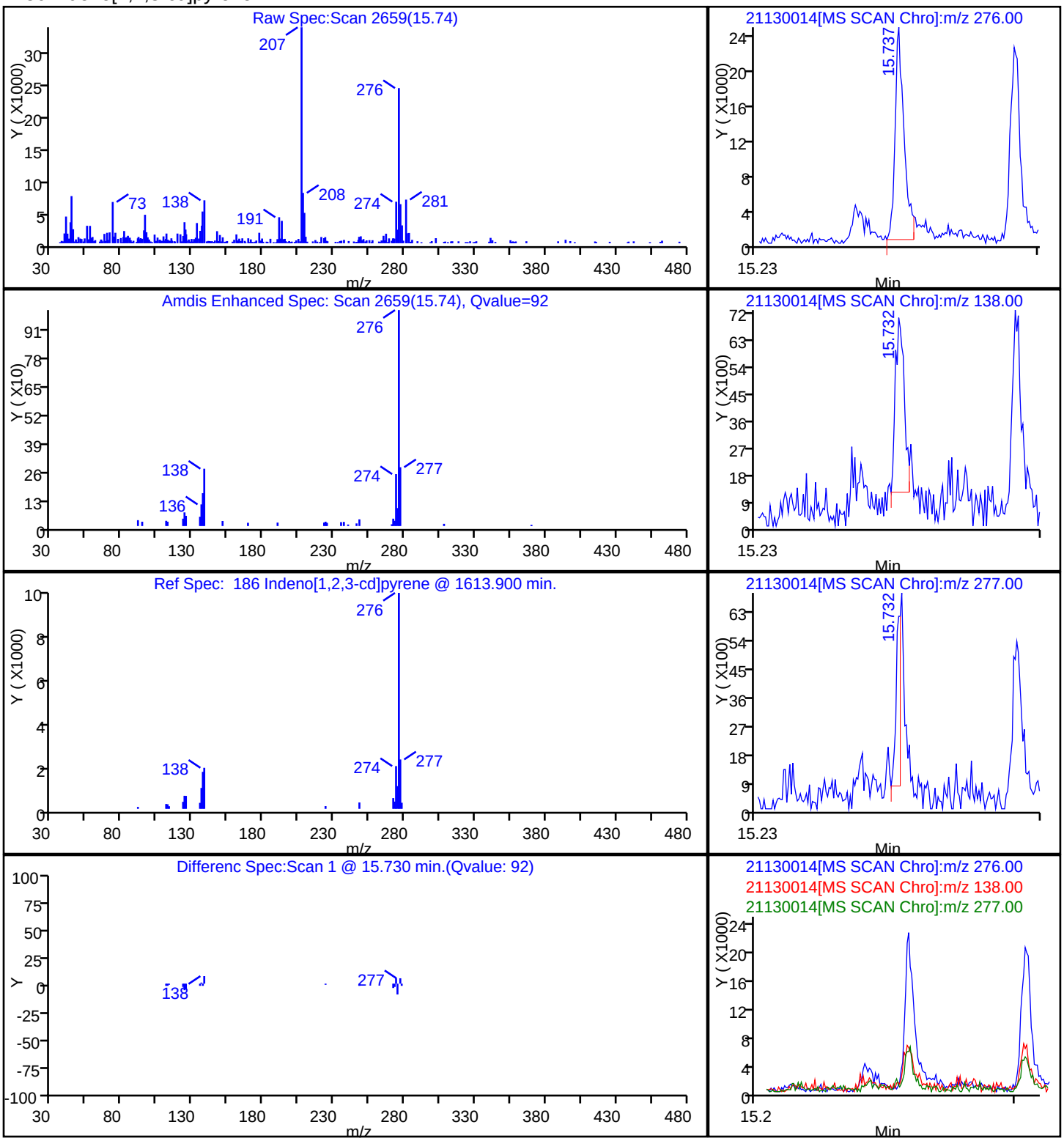


Report Date: 03-Dec-2012 10:35:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D		
Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



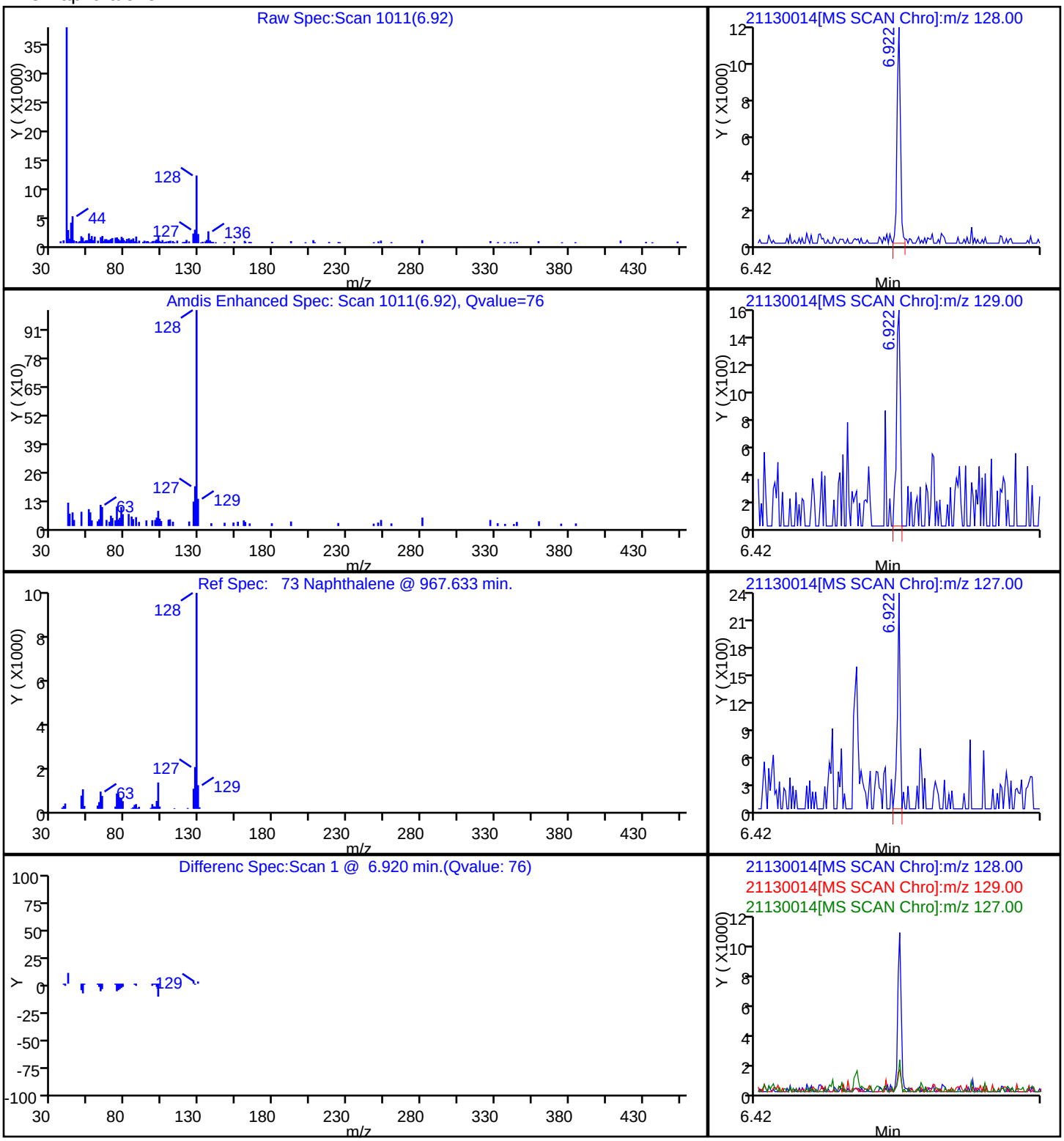
Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D

Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



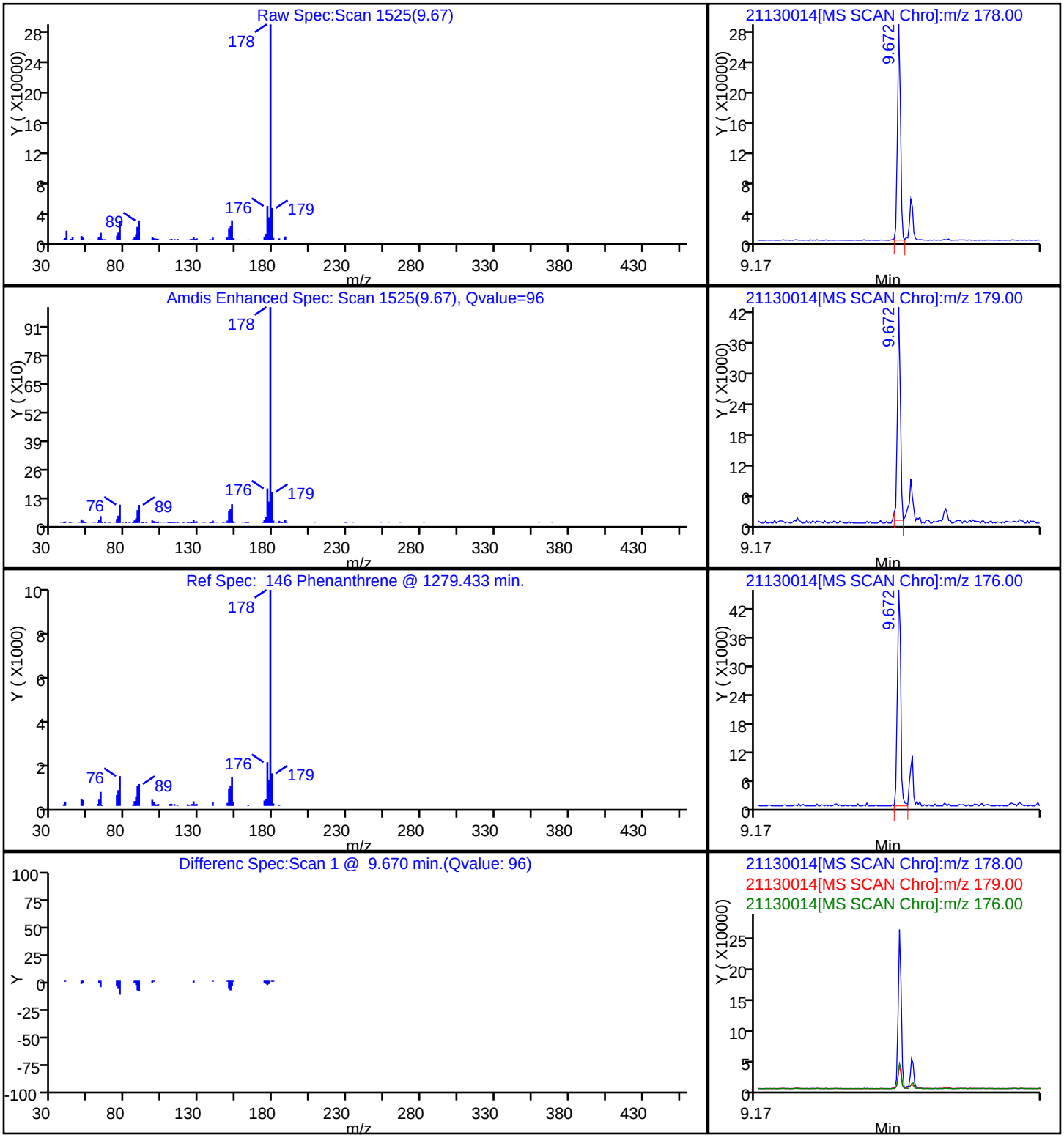
Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D

Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



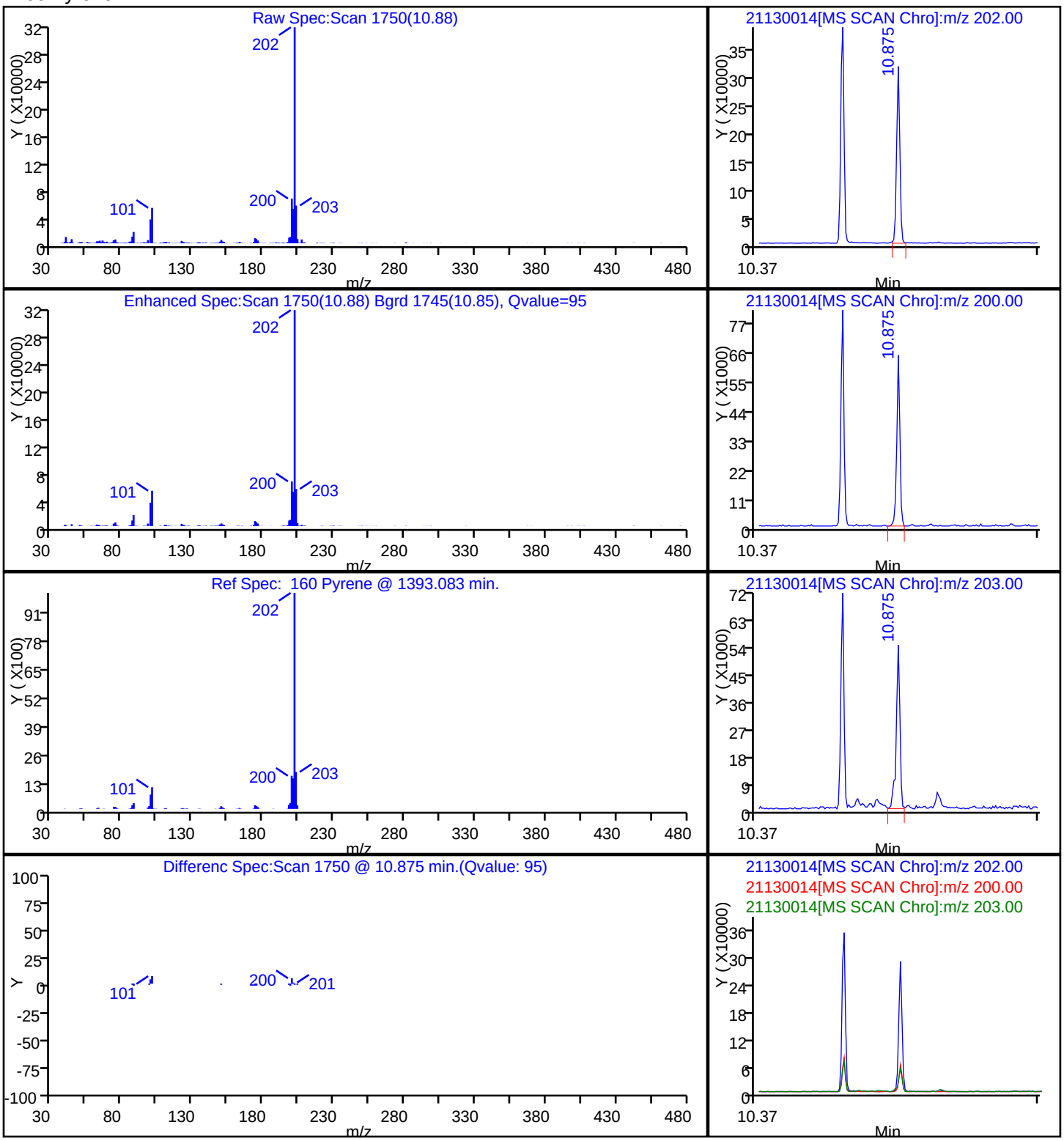
Report Date: 03-Dec-2012 10:35:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D

Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

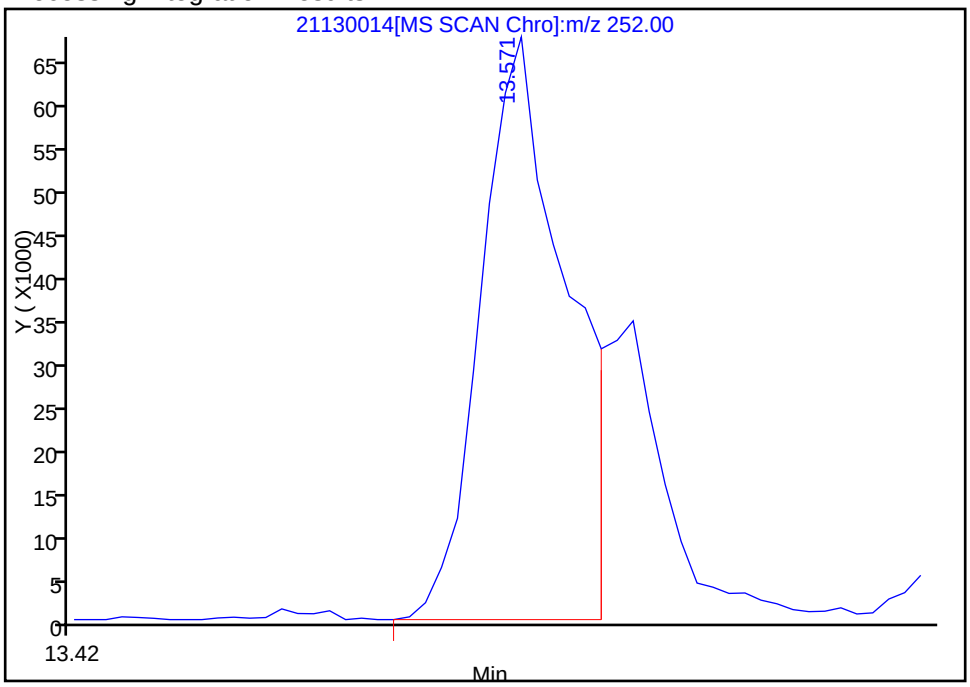
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D		
Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.61

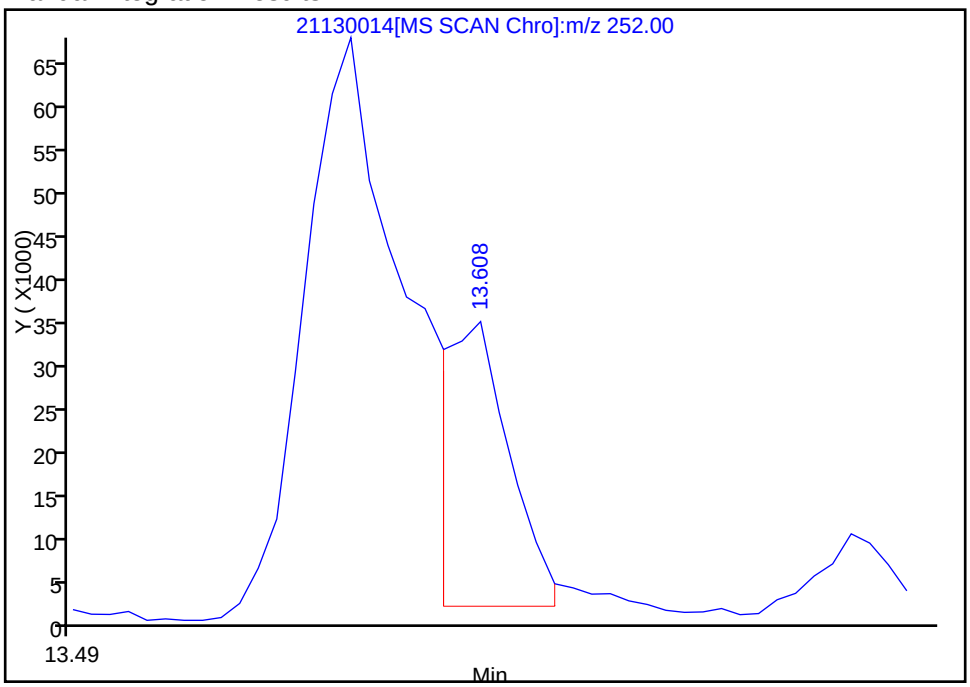
Processing Integration Results

RT: 13.57
Response: 137288
Amount: 0.765601



Manual Integration Results

RT: 13.61
Response: 45210
Amount: 0.252118



Reviewer: gruberj, 30-Nov-2012 14:48:41
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

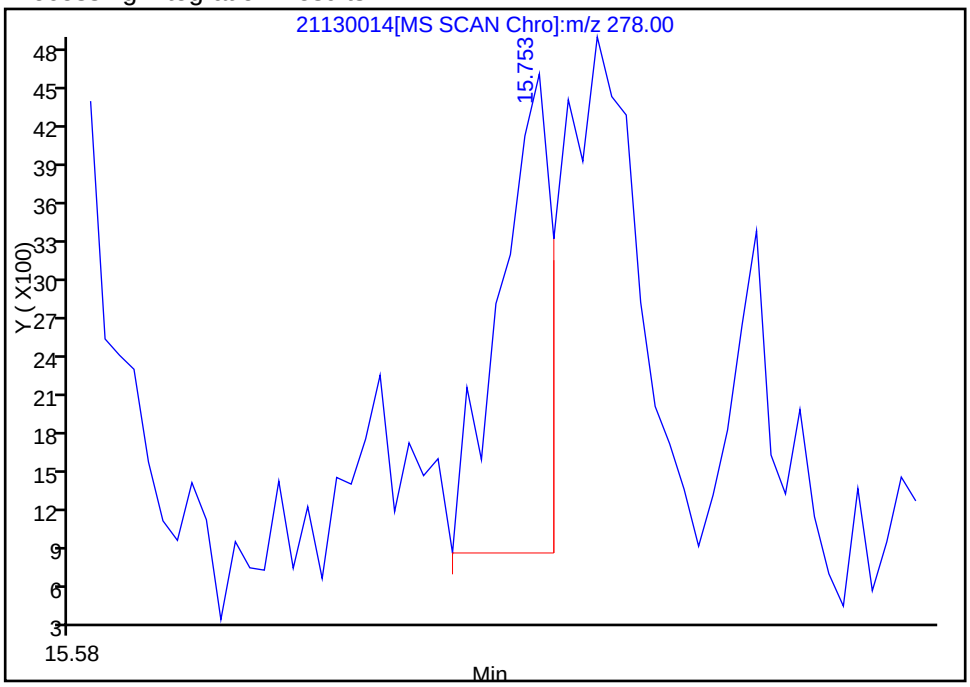
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130014.D		
Injection Date:	30-Nov-2012 13:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	14
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: 15.77

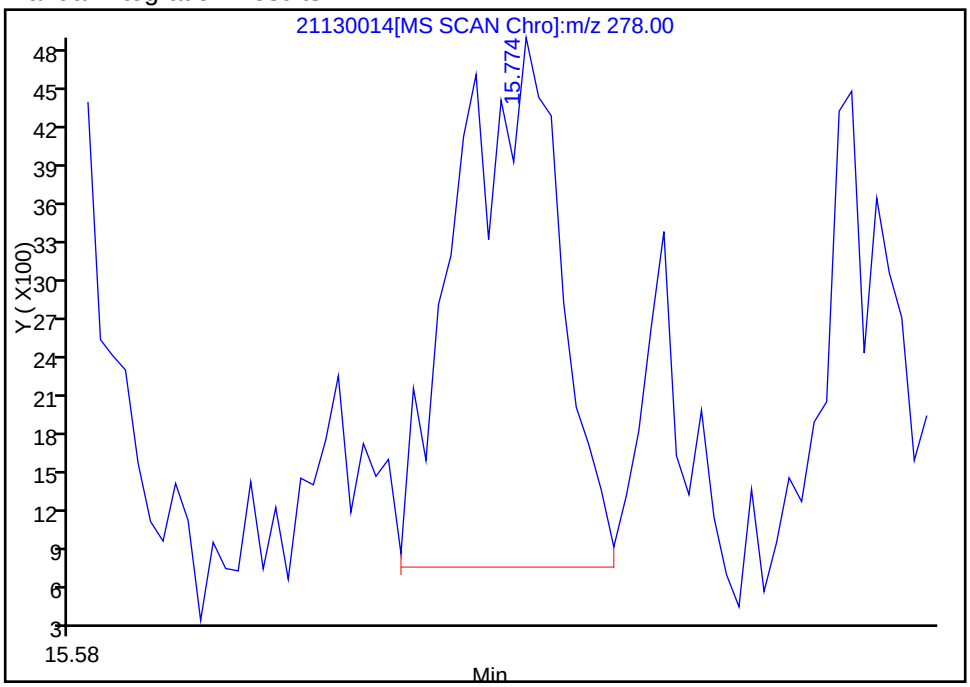
Processing Integration Results

RT: 15.75
Response: 4971
Amount: 0.199627



Manual Integration Results

RT: 15.77
Response: 12547
Amount: 0.246892



Reviewer: gruberj, 30-Nov-2012 14:48:41
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0030M-0001-SO | Lab Sample ID: 240-17768-17

Matrix: Solid | Lab File ID: 21130011.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 16:15

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.06(g) | Date Analyzed: 11/30/2012 12:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	16	U	33	16	16
208-96-8	Acenaphthylene	16	U	33	16	16
120-12-7	Anthracene	24	J D	33	16	16
56-55-3	Benzo[a]anthracene	53	D	33	16	16
50-32-8	Benzo[a]pyrene	85	D	33	16	16
205-99-2	Benzo[b]fluoranthene	68	D	33	16	16
191-24-2	Benzo[g,h,i]perylene	41	D M	33	16	16
65-85-0	Benzoic acid	1700	U	3300	1700	1700
207-08-9	Benzo[k]fluoranthene	27	J D M	33	16	16
100-51-6	Benzyl alcohol	130	U	1600	130	100
111-91-1	Bis(2-chloroethoxy)methane	130	U	500	130	110
111-44-4	Bis(2-chloroethyl)ether	16	U	500	16	10
108-60-1	bis (2-chloroisopropyl) ether	130	U	500	130	47
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	250	130	95
101-55-3	4-Bromophenyl phenyl ether	130	U	250	130	65
85-68-7	Butyl benzyl phthalate	130	U	250	130	50
86-74-8	Carbazole	130	U	250	130	130
106-47-8	4-Chloroaniline	130	U	750	130	85
59-50-7	4-Chloro-3-methylphenol	130	U	750	130	100
91-58-7	2-Chloronaphthalene	16	U	250	16	16
95-57-8	2-Chlorophenol	130	U	250	130	130
7005-72-3	4-Chlorophenyl phenyl ether	130	U	250	130	65
218-01-9	Chrysene	63	D	33	16	5.5
53-70-3	Dibenz(a,h)anthracene	16	U	33	16	16
132-64-9	Dibenzofuran	16	U	250	16	16
95-50-1	1,2-Dichlorobenzene	130	U	250	130	48
541-73-1	1,3-Dichlorobenzene	130	U	250	130	55
106-46-7	1,4-Dichlorobenzene	130	U	250	130	100
91-94-1	3,3'-Dichlorobenzidine	400	U	500	400	90
120-83-2	2,4-Dichlorophenol	130	U	750	130	100
84-66-2	Diethyl phthalate	130	U	250	130	80
105-67-9	2,4-Dimethylphenol	400	U	750	400	100
131-11-3	Dimethyl phthalate	130	U	250	130	85
84-74-2	Di-n-butyl phthalate	130	U	250	130	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0030M-0001-SO | Lab Sample ID: 240-17768-17

Matrix: Solid | Lab File ID: 21130011.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 16:15

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.06(g) | Date Analyzed: 11/30/2012 12:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	400	U	750	400	400
51-28-5	2,4-Dinitrophenol	400	U	1600	400	400
121-14-2	2,4-Dinitrotoluene	130	U	1000	130	130
606-20-2	2,6-Dinitrotoluene	130	U	1000	130	100
117-84-0	Di-n-octyl phthalate	130	U	250	130	130
206-44-0	Fluoranthene	150	D	33	16	16
86-73-7	Fluorene	16	U	33	16	16
118-74-1	Hexachlorobenzene	16	U	33	16	10
87-68-3	Hexachlorobutadiene	130	U	250	130	130
77-47-4	Hexachlorocyclopentadiene	130	U	1600	130	130
67-72-1	Hexachloroethane	130	U	250	130	45
193-39-5	Indeno[1,2,3-cd]pyrene	53	D M	33	16	16
78-59-1	Isophorone	130	U	250	130	65
91-57-6	2-Methylnaphthalene	31	J D	33	16	16
95-48-7	2-Methylphenol	400	U	1000	400	400
15831-10-4	3 & 4 Methylphenol	400	U	2000	400	100
91-20-3	Naphthalene	30	J D	33	16	16
88-74-4	2-Nitroaniline	130	U	1000	130	45
99-09-2	3-Nitroaniline	400	U	1000	400	80
100-01-6	4-Nitroaniline	130	U	1000	130	130
98-95-3	Nitrobenzene	16	U	500	16	11
88-75-5	2-Nitrophenol	130	U	250	130	130
100-02-7	4-Nitrophenol	400	U	1600	400	400
621-64-7	N-Nitrosodi-n-propylamine	130	U	250	130	130
86-30-6	N-Nitrosodiphenylamine	130	U	250	130	100
87-86-5	Pentachlorophenol	400	U	750	400	400
85-01-8	Phenanthrene	110	D	33	16	16
108-95-2	Phenol	130	U	250	130	130
129-00-0	Pyrene	110	D	33	16	16
120-82-1	1,2,4-Trichlorobenzene	130	U	250	130	130
95-95-4	2,4,5-Trichlorophenol	130	U	750	130	120
88-06-2	2,4,6-Trichlorophenol	400	U	750	400	400

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0030M-0001-SO | Lab Sample ID: 240-17768-17

Matrix: Solid | Lab File ID: 21130011.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 16:15

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.06(g) | Date Analyzed: 11/30/2012 12:21

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	62		45-105
367-12-4	2-Fluorophenol (Surr)	62		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	59		35-100
4165-62-2	Phenol-d5 (Surr)	63		40-100
1718-51-0	Terphenyl-d14 (Surr)	69		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	62		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D		
Lims ID:	240-17768-E-17-D	Client ID:	076SB-0030M-0001-SO
Inject. Date:	30-Nov-2012 12:21:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0015418-011		
Misc. Info.:	240-17768-e-17-d		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	66878	Lims Sample ID:	11
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m		
Last Update:	03-Dec-2012 10:35:45	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:	XAWRK014		

First Level Reviewer: gruberj Date: 30-Nov-2012 14:44:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.783	5.778	0.005	95	140755	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	99	542353	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	95	304660	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	98	541908	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.005	98	562529	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	93	501873	4.00	
$ 7 2-Fluorophenol	112	4.526	4.494	0.032	88	81419	1.87	
$ 8 Phenol-d5	99	5.436	5.425	0.011	94	105093	1.90	
$ 9 Nitrobenzene-d5	82	6.270	6.270	0.0	91	56691	1.19	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	98	121689	1.23	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	78	23349	1.85	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	143412	1.38	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					9
46 2-Chlorophenol	128		5.585					
47 1,3-Dichlorobenzene	146		5.724					9
48 1,4-Dichlorobenzene	146		5.794					9
49 Benzyl alcohol	108		5.895					9
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					9
52 2,2'-oxybis[1-chloropropane]	45		6.019					
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					9
60 Hexachloroethane	117		6.238					9
61 Nitrobenzene	77		6.291					9
63 Isophorone	82		6.495					
65 2-Nitrophenol	139		6.569					9
64 2,4-Dimethylphenol	107		6.591					
69 Benzoic acid	122		6.660					9
68 Bis(2-chloroethoxy)methane	93		6.676					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128	6.922	6.922	0.0	87	12261	0.0905	
74 4-Chloroaniline	127		6.960					9
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					
85 2-Methylnaphthalene	142	7.511	7.511	0.0	83	8126	0.0937	
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					
91 2,4,5-Trichlorophenol	196		7.778					
98 2-Chloronaphthalene	162		7.928					
100 2-Nitroaniline	65		8.003					9
103 Dimethyl phthalate	163		8.147					9
105 2,6-Dinitrotoluene	165		8.201					
107 Acenaphthylene	152		8.281					9
108 3-Nitroaniline	138		8.351					
110 Acenaphthene	153		8.425					9
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					9
112 2,4-Dinitrotoluene	165		8.543					
114 Dibenzofuran	168		8.570					
119 Diethyl phthalate	149		8.736					
121 4-Chlorophenyl phenyl ether	204		8.848					
124 Fluorene	166		8.859					
123 4-Nitroaniline	138		8.864					
126 4,6-Dinitro-2-methylphenol	198		8.885					
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					
146 Phenanthrene	178	9.672	9.672	0.0	89	50930	0.3440	
147 Anthracene	178	9.714	9.714	0.0	73	10831	0.0736	
149 Carbazole	167		9.843					9
151 Di-n-butyl phthalate	149		10.105					9
157 Fluoranthene	202	10.677	10.677	0.0	95	74712	0.4570	
160 Pyrene	202	10.875	10.875	0.0	98	61344	0.3418	
166 Butyl benzyl phthalate	149		11.447					9
173 3,3'-Dichlorobenzidine	252		12.068					9
171 Bis(2-ethylhexyl) phthalate	149		12.089					
175 Benzo[a]anthracene	228	12.116	12.116	0.0	81	24893	0.1586	
176 Chrysene	228	12.159	12.164	-0.005	38	28377	0.1897	
178 Di-n-octyl phthalate	149		12.961					
180 Benzo[b]fluoranthene	252	13.571	13.565	0.006	94	32591	0.2036	
181 Benzo[k]fluoranthene	252	13.598	13.608	-0.010	96	14044	0.0807	M
182 Benzo[a]pyrene	252	14.052	14.052	0.0	60	23193	0.2562	
186 Indeno[1,2,3-cd]pyrene	276	15.732	15.742	-0.010	55	14074	0.1601	M
187 Dibenz(a,h)anthracene	278		15.769					9
188 Benzo[g,h,i]perylene	276	16.149	16.154	-0.005	73	17518	0.1219	M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

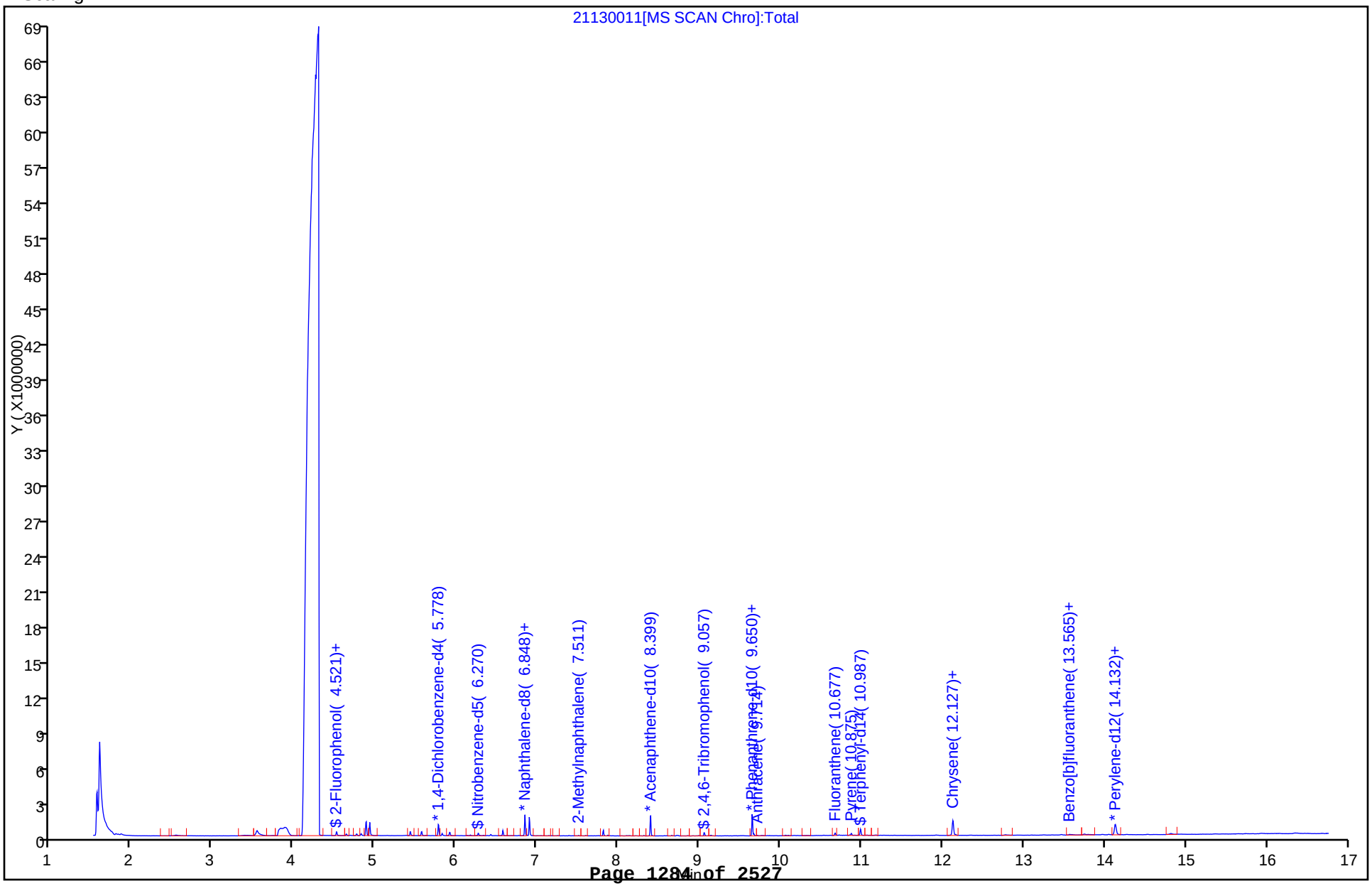
Review Flags
M - Manually Integrated

Report Date: 03-Dec-2012 10:35:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D		
Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



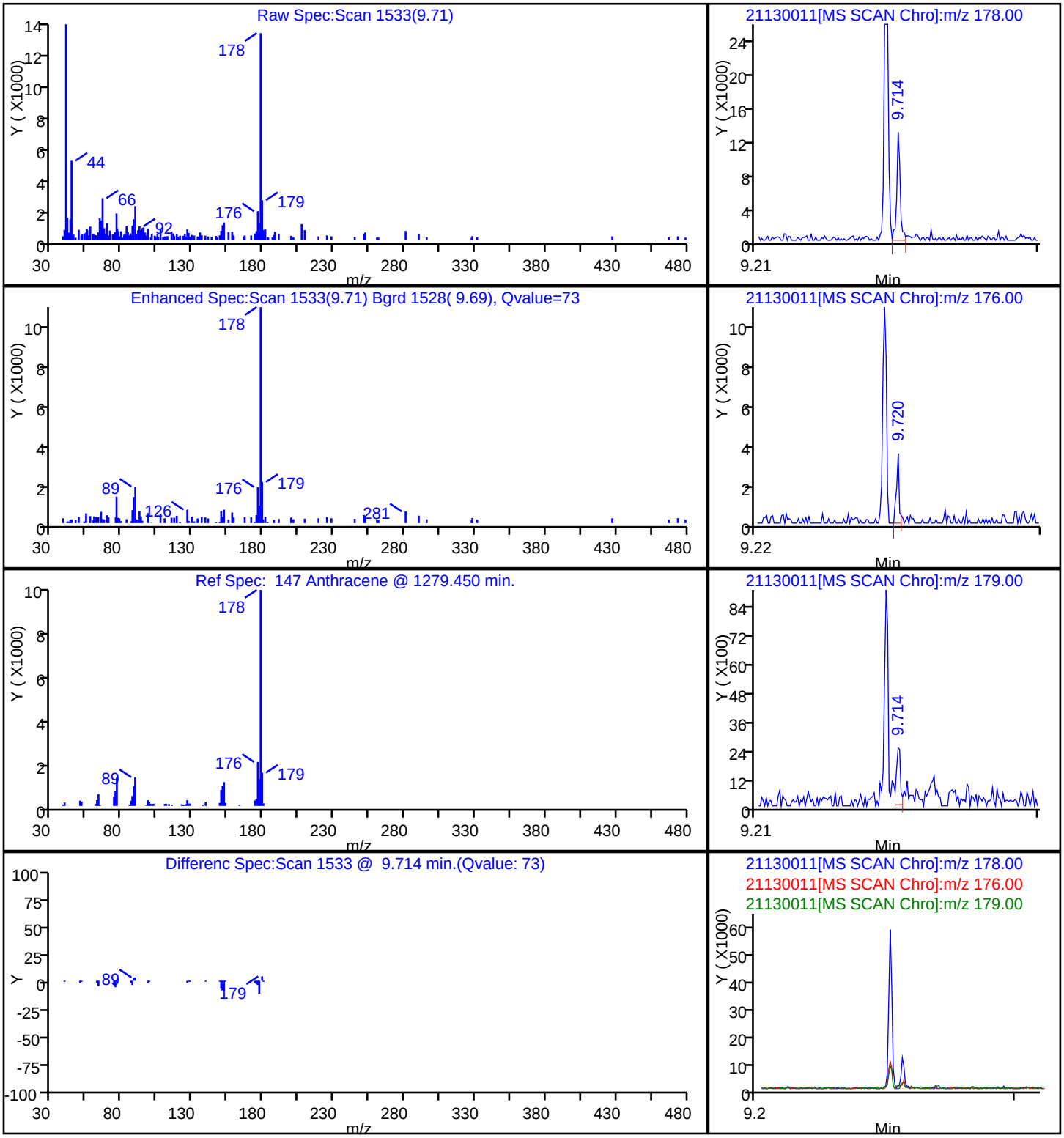
Report Date: 03-Dec-2012 10:35:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D

Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene

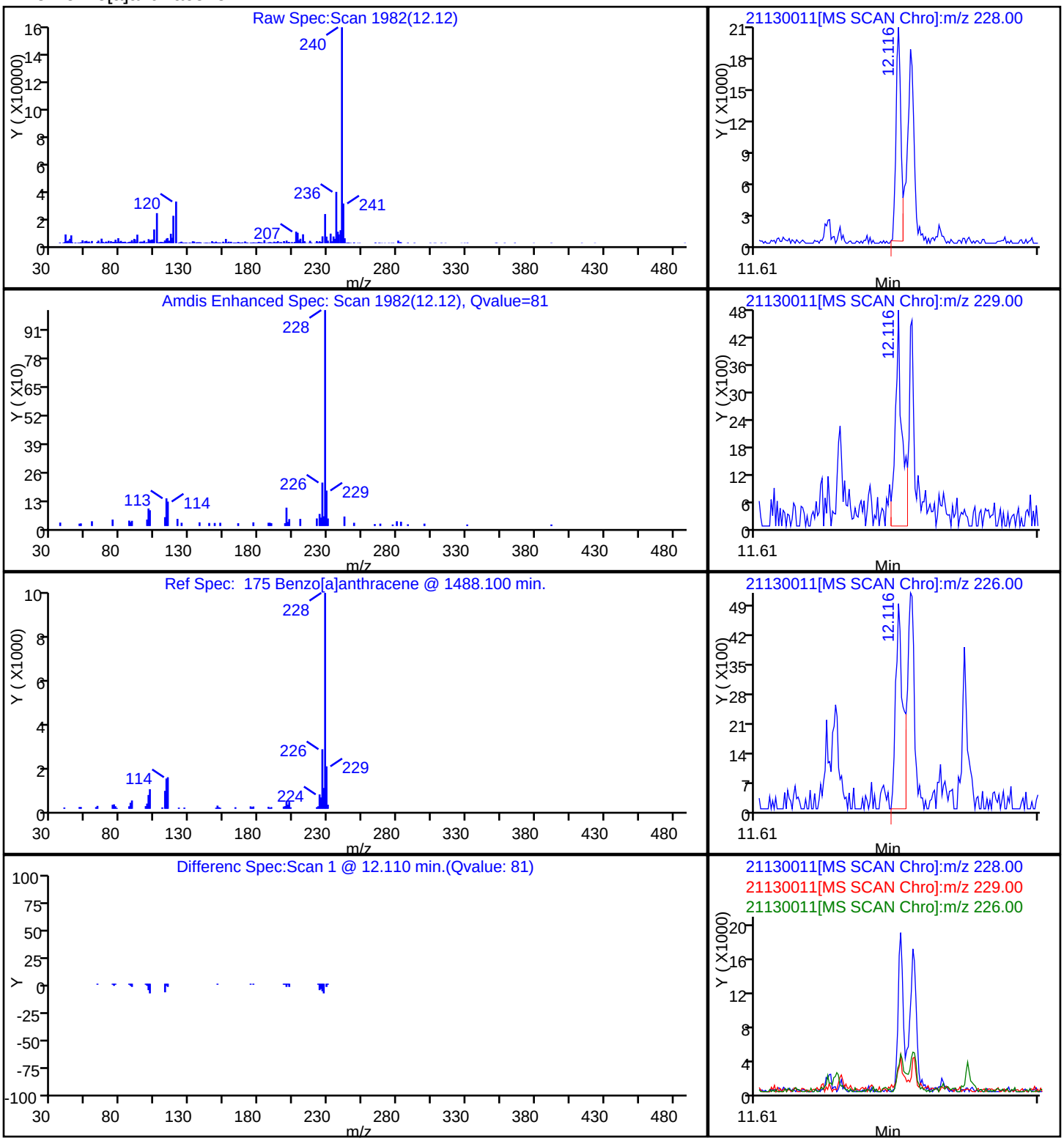


Report Date: 03-Dec-2012 10:35:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D		
Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

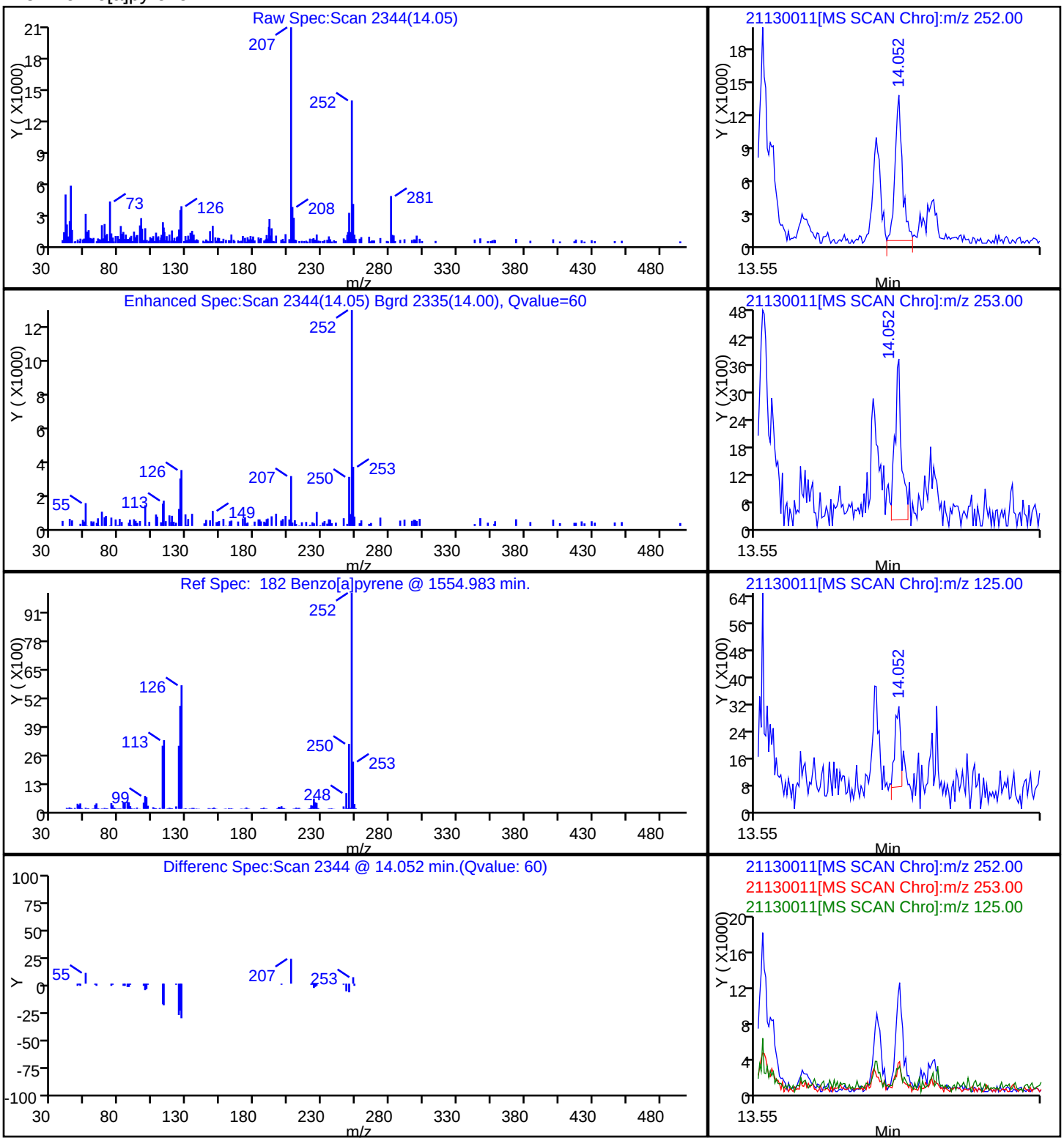


Report Date: 03-Dec-2012 10:35:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D		
Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

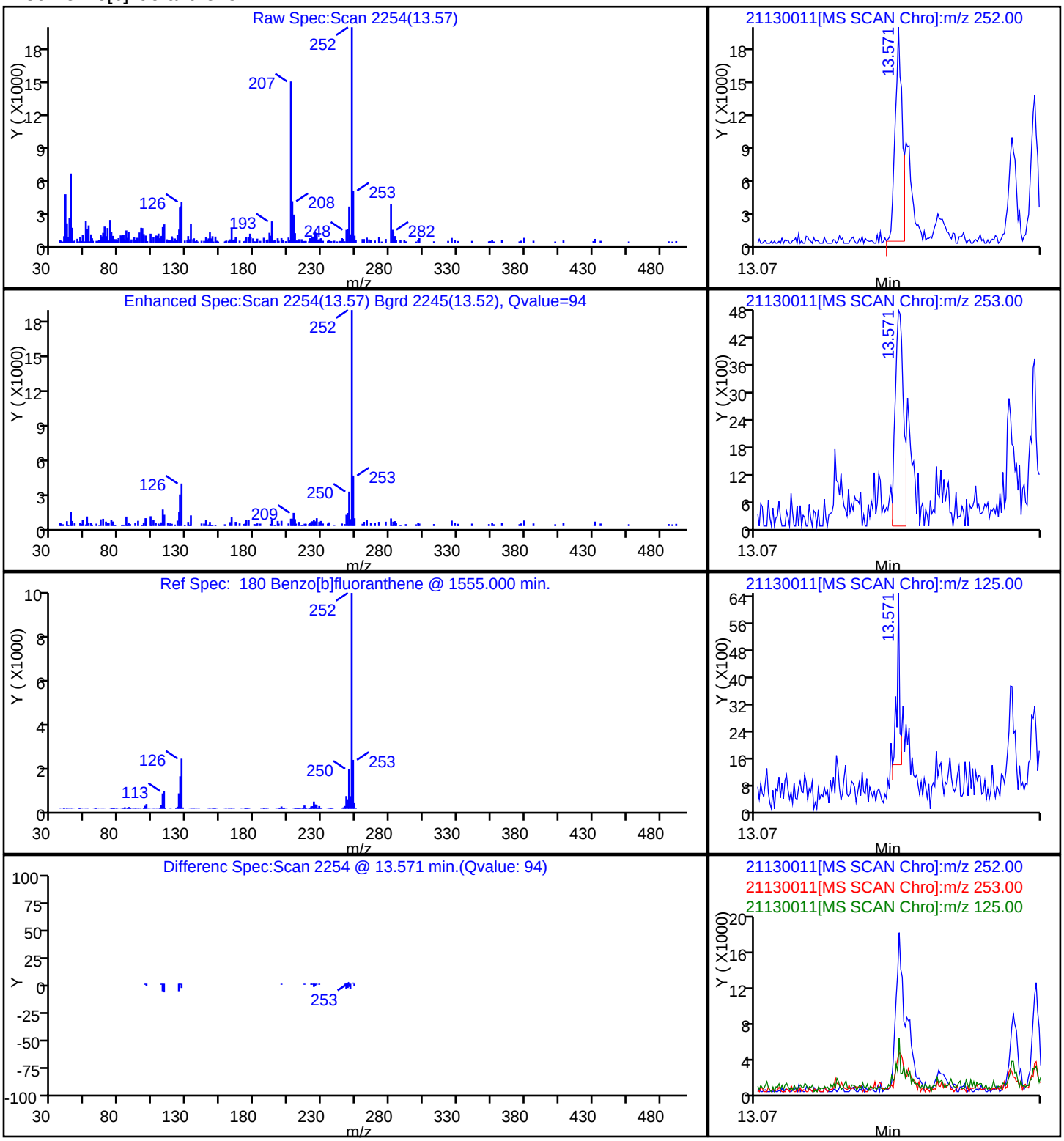


Report Date: 03-Dec-2012 10:35:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D		
Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

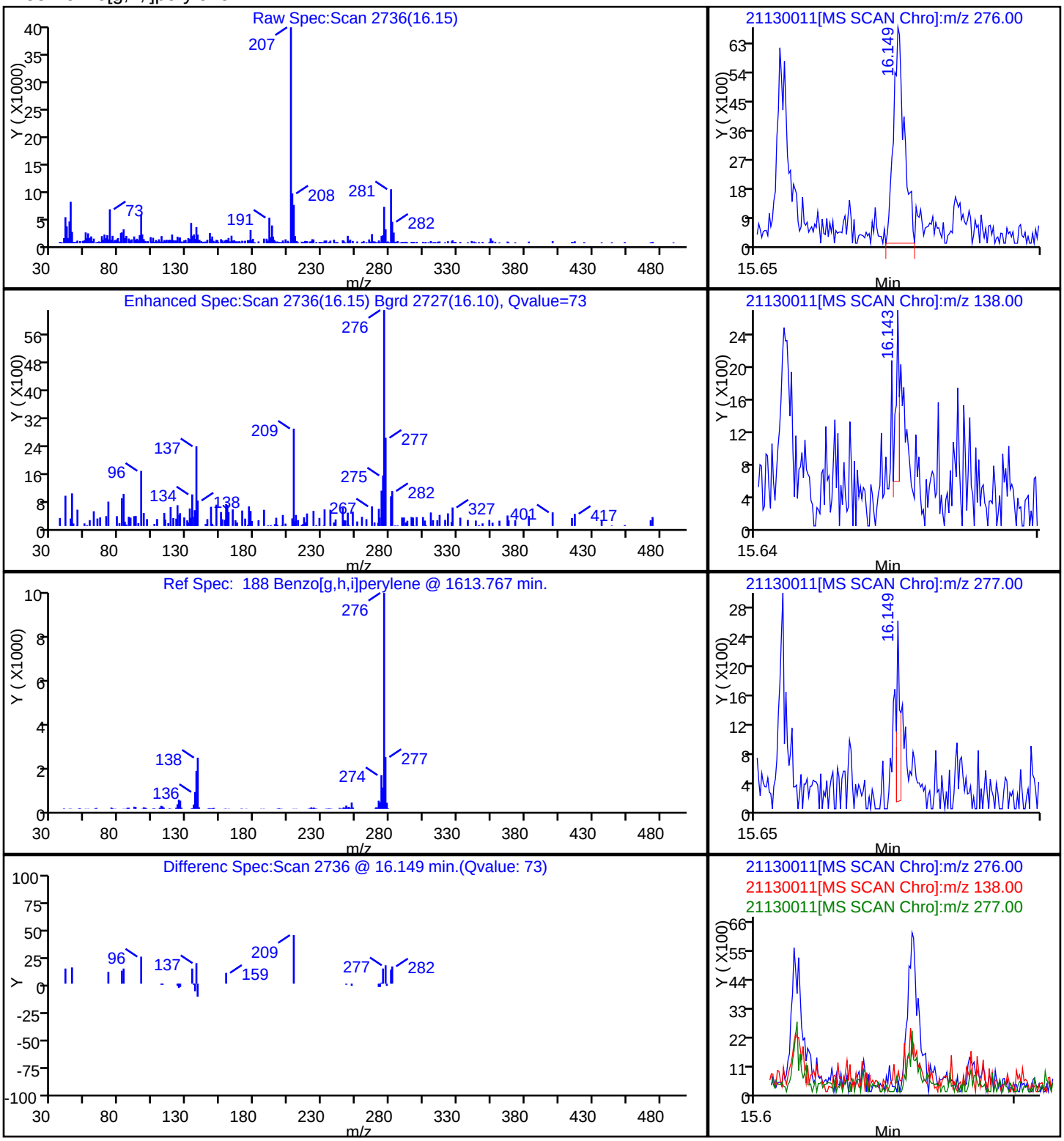


Report Date: 03-Dec-2012 10:35:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D		
Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

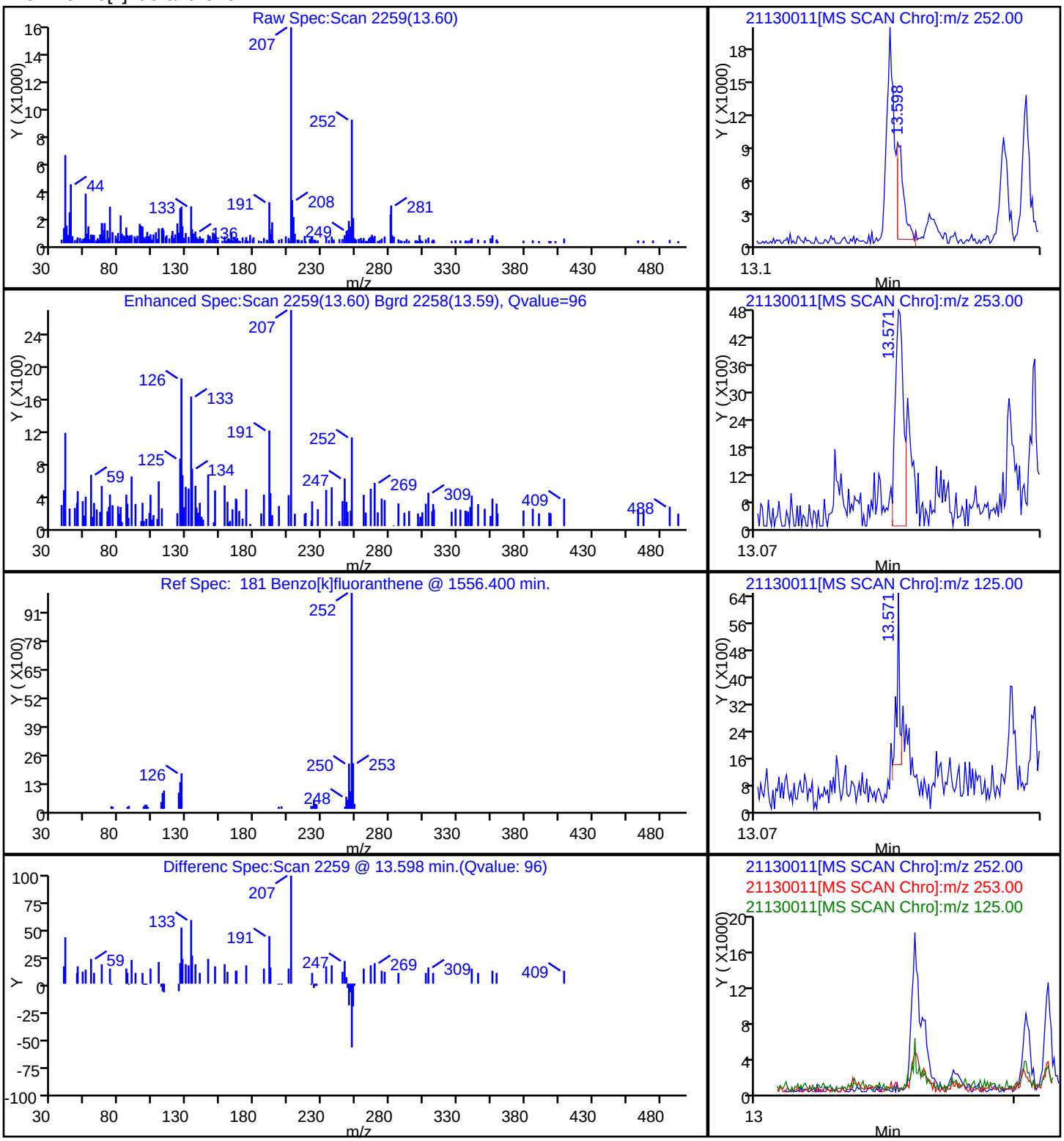


Report Date: 03-Dec-2012 10:35:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D		
Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

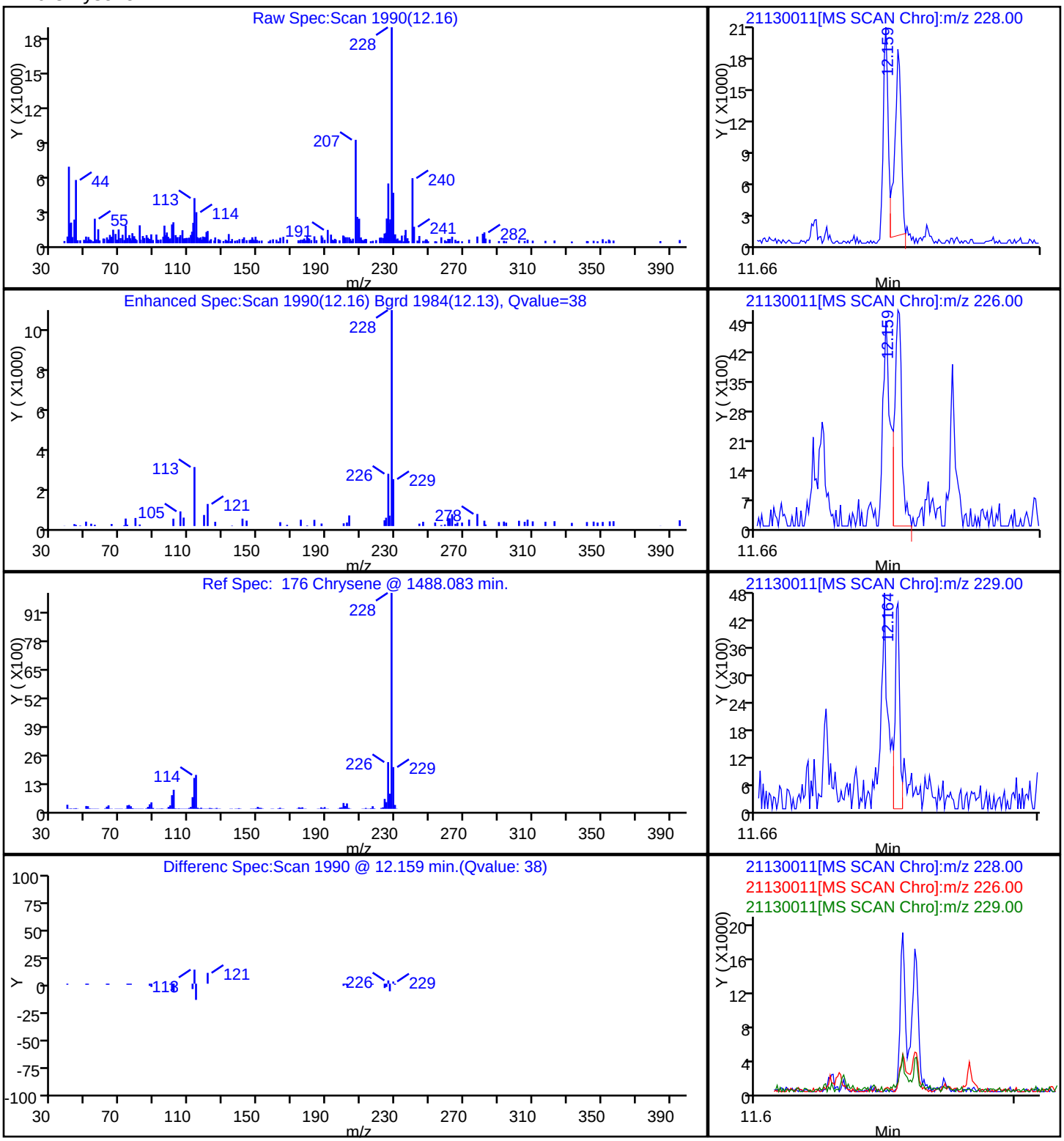


Report Date: 03-Dec-2012 10:35:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D		
Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



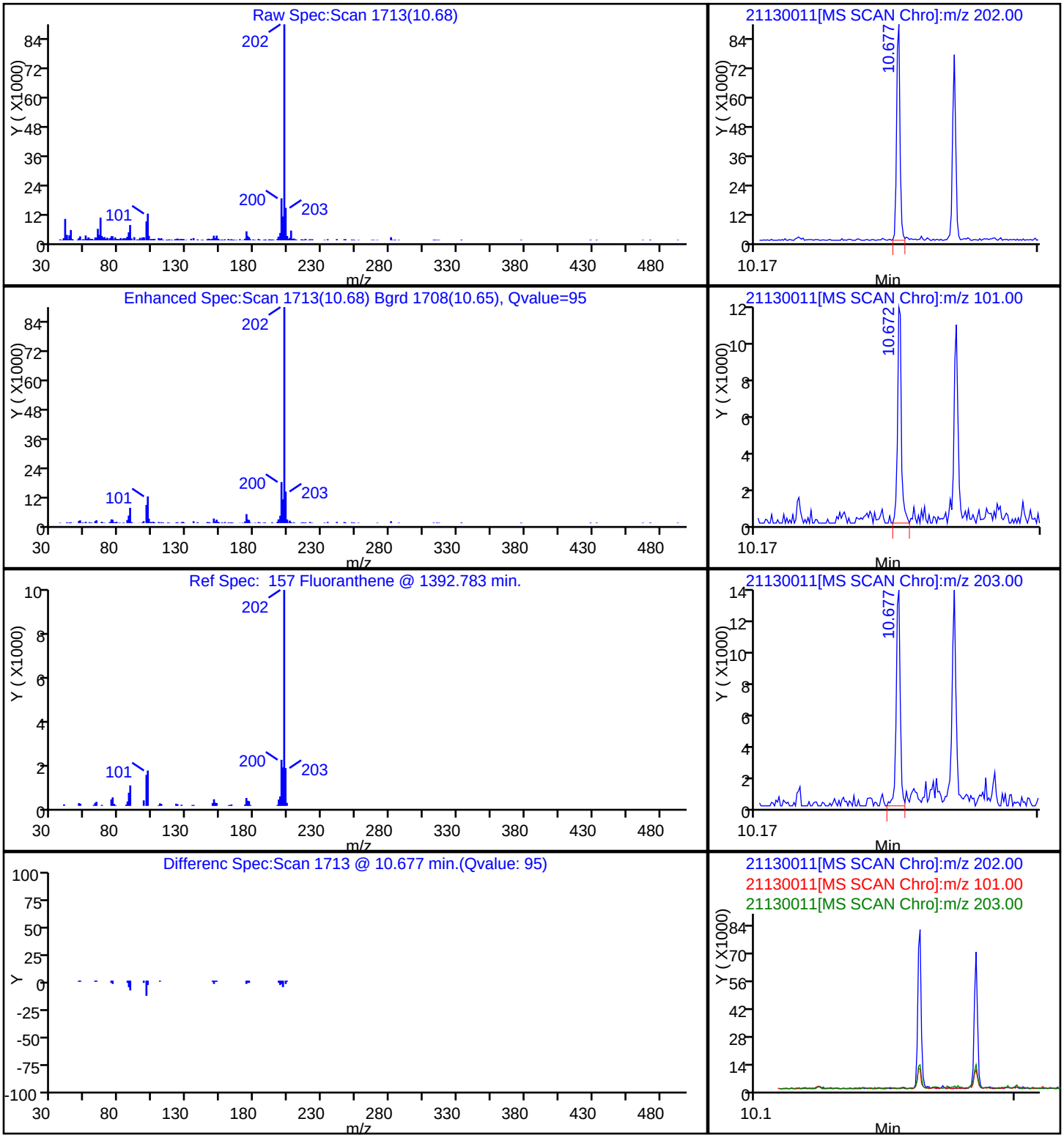
Report Date: 03-Dec-2012 10:35:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D

Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



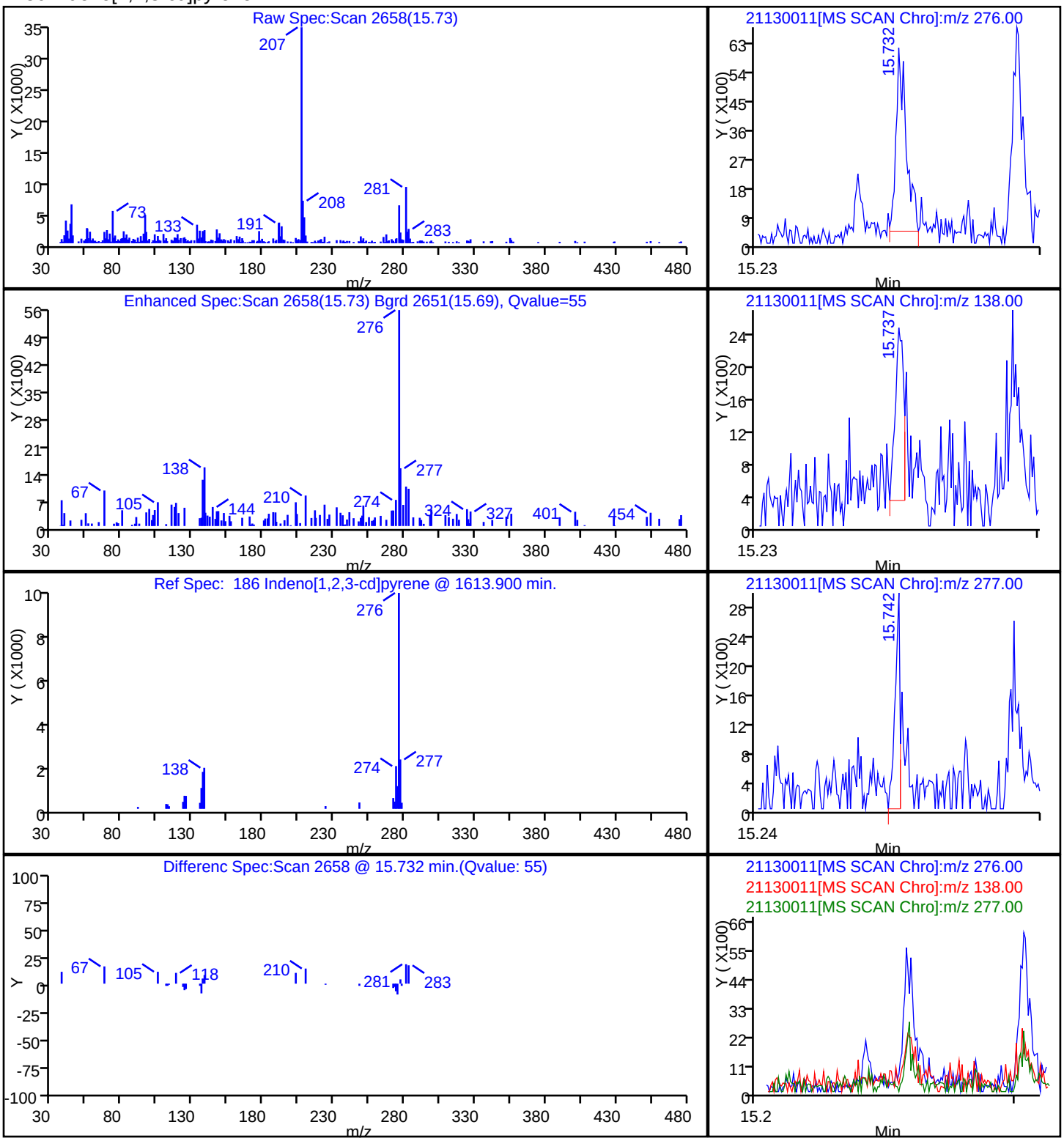
Report Date: 03-Dec-2012 10:35:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D

Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



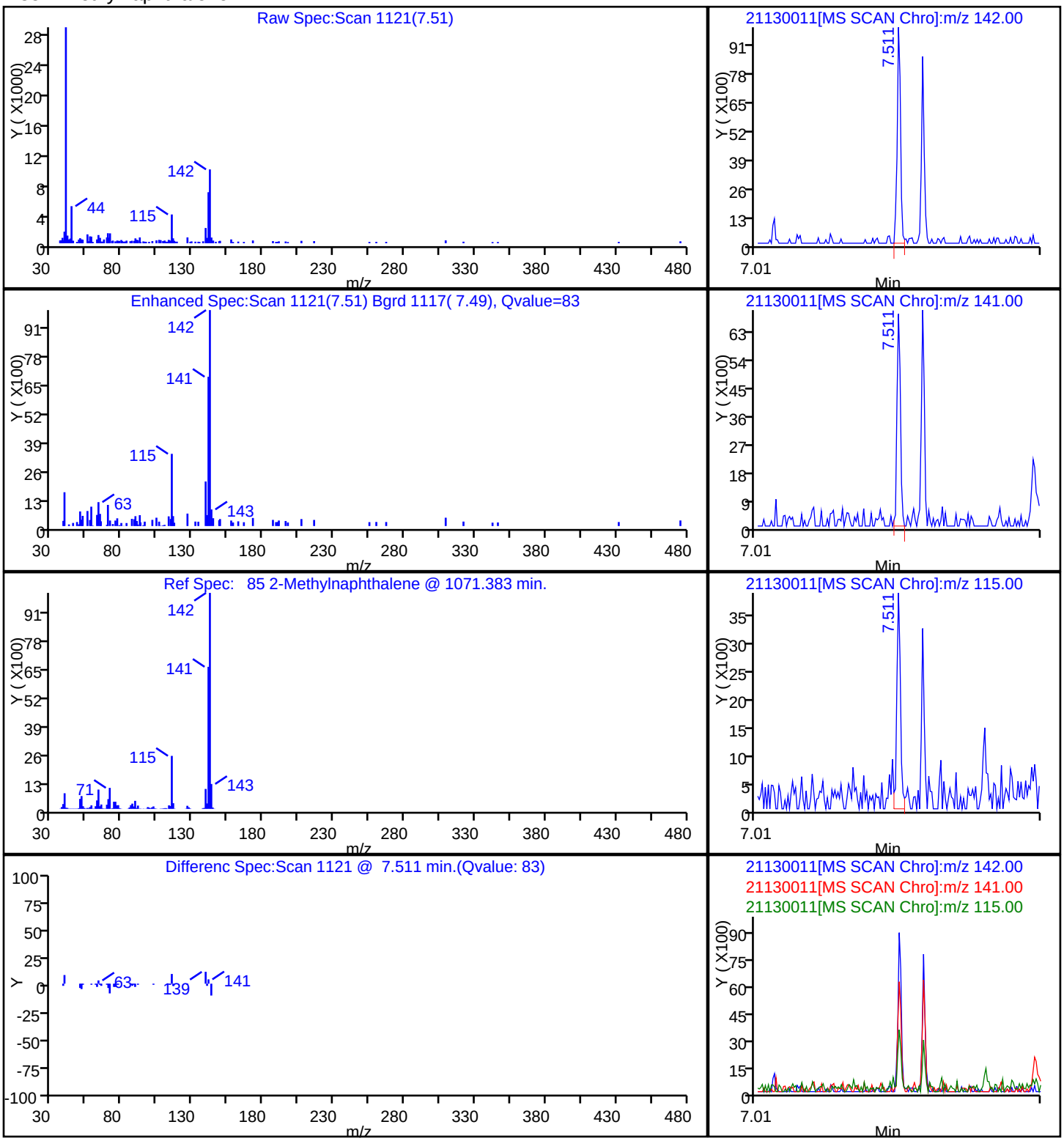
Report Date: 03-Dec-2012 10:35:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D

Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



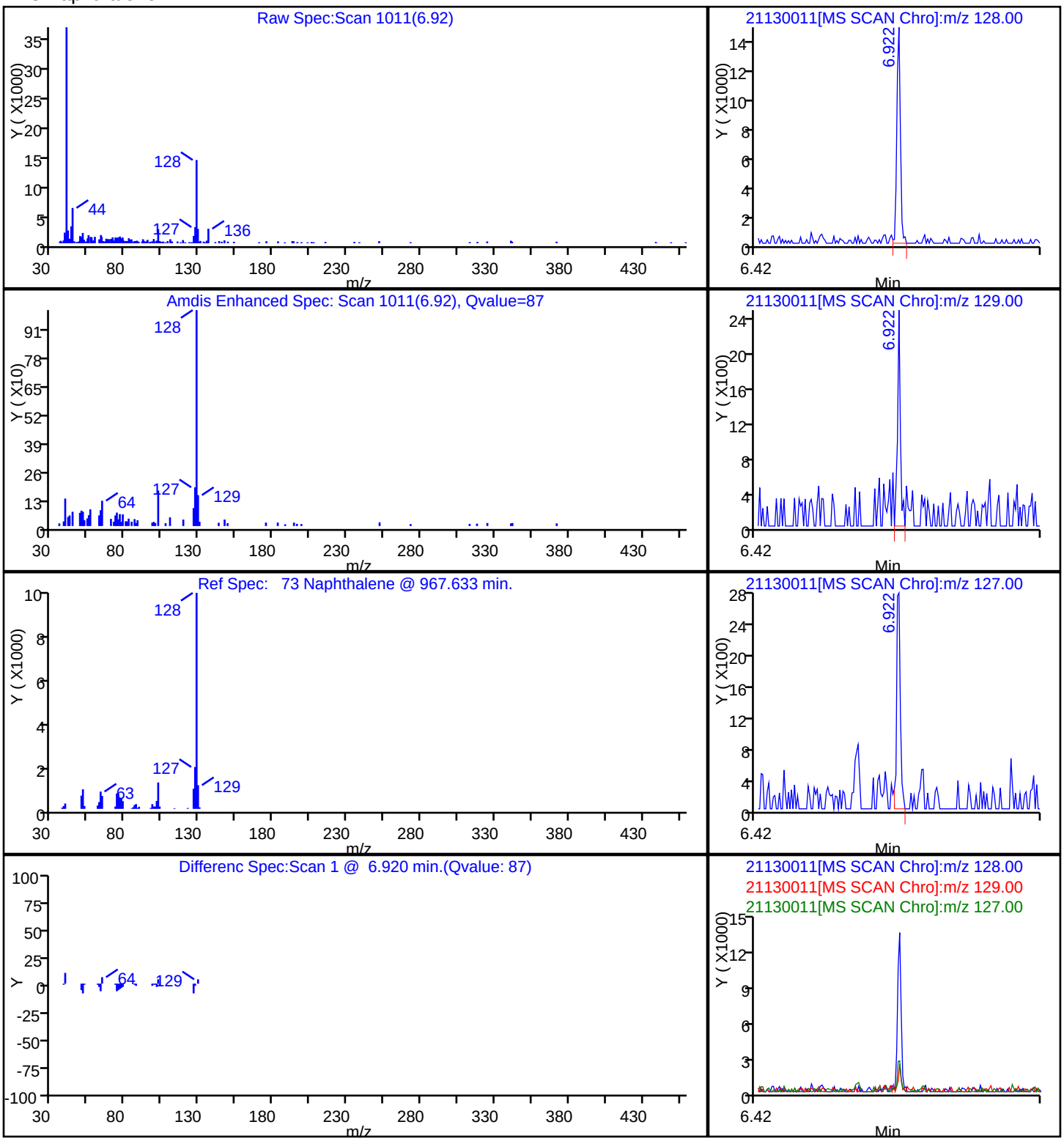
Report Date: 03-Dec-2012 10:35:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D

Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



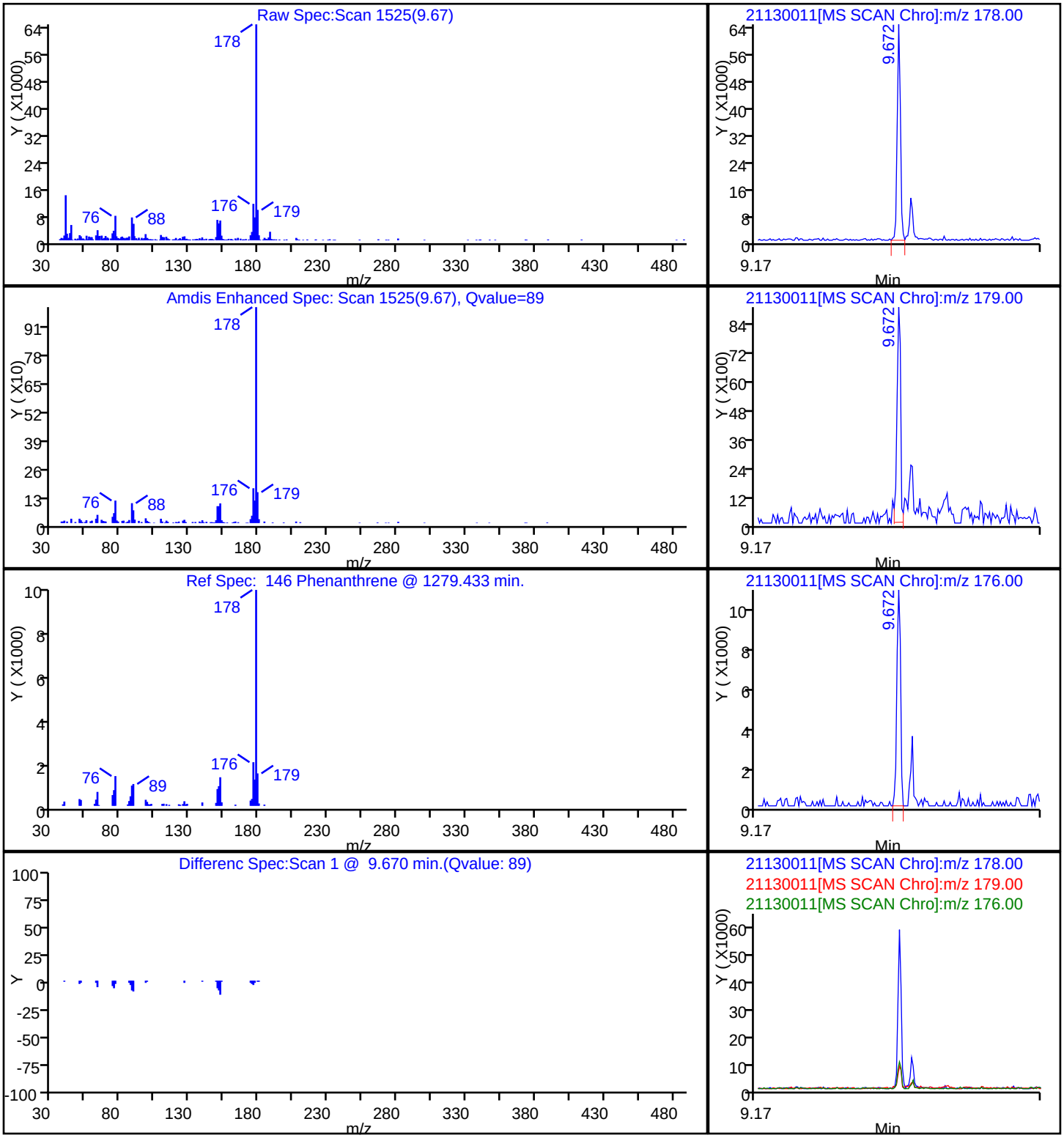
Report Date: 03-Dec-2012 10:35:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D

Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



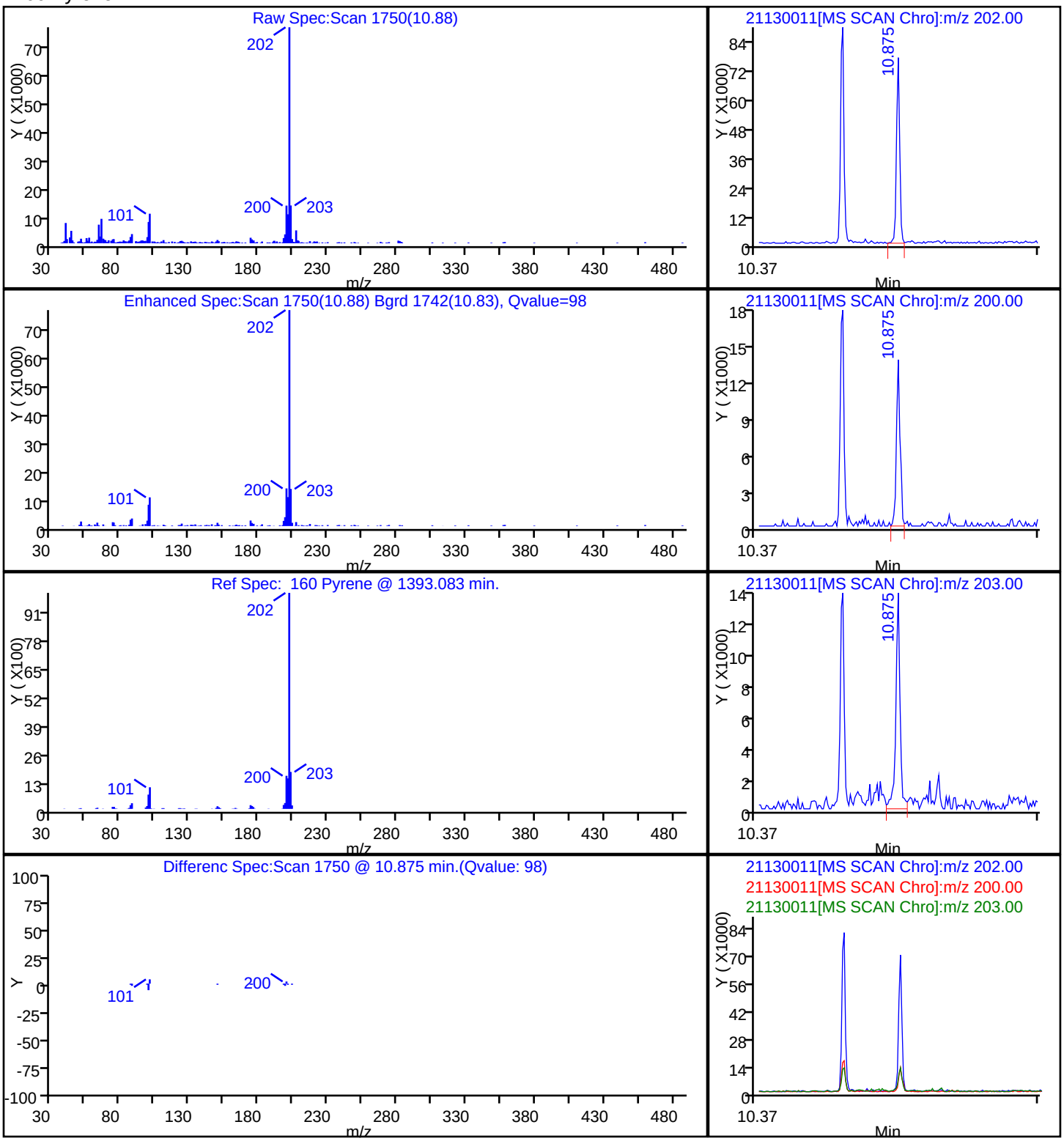
Report Date: 03-Dec-2012 10:35:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D

Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

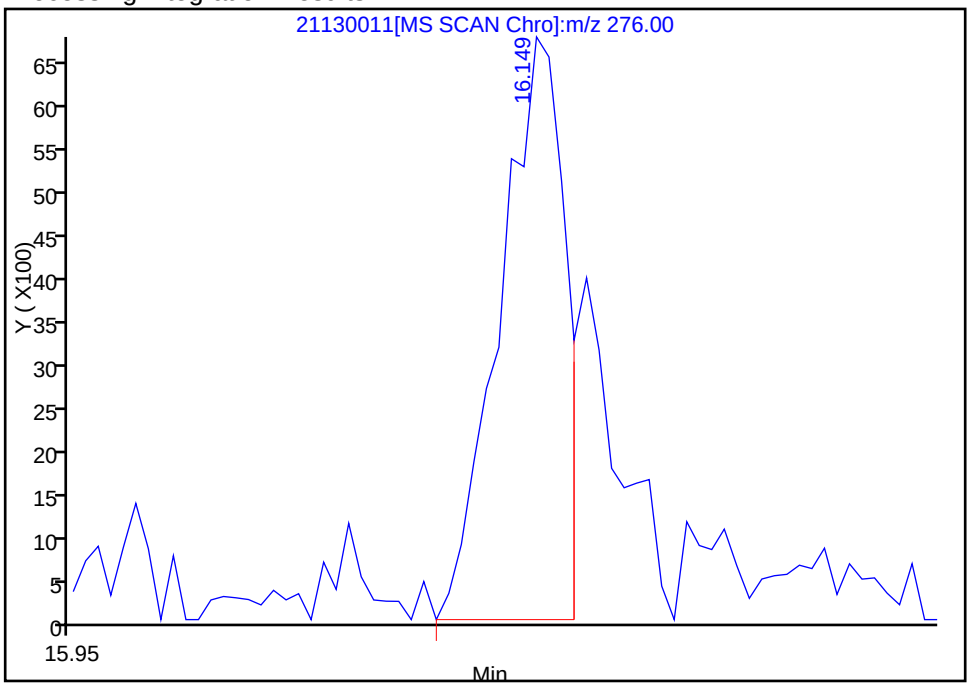
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D		
Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
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: 16.15

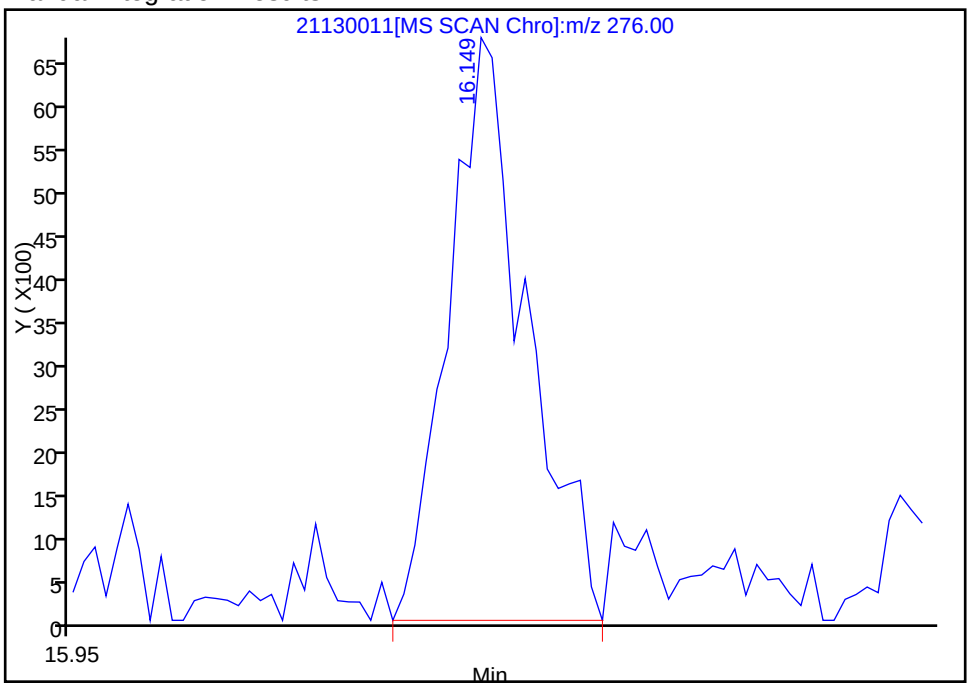
Processing Integration Results

RT: 16.15
Response: 13070
Amount: 0.090963



Manual Integration Results

RT: 16.15
Response: 17518
Amount: 0.121920



Reviewer: gruberj, 30-Nov-2012 14:44:57
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

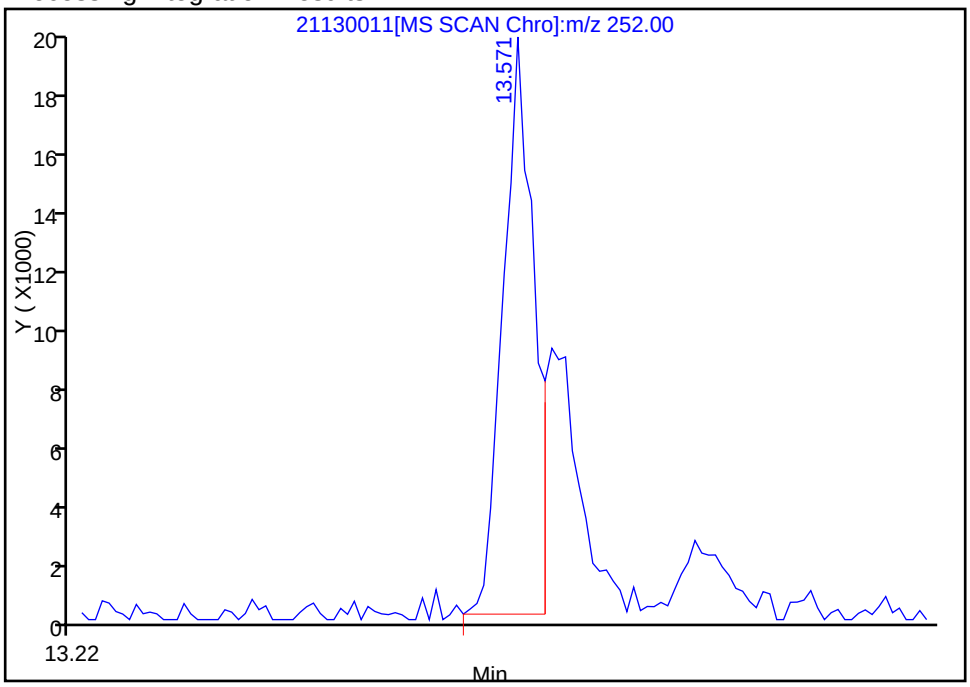
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D		
Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
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: 13.61

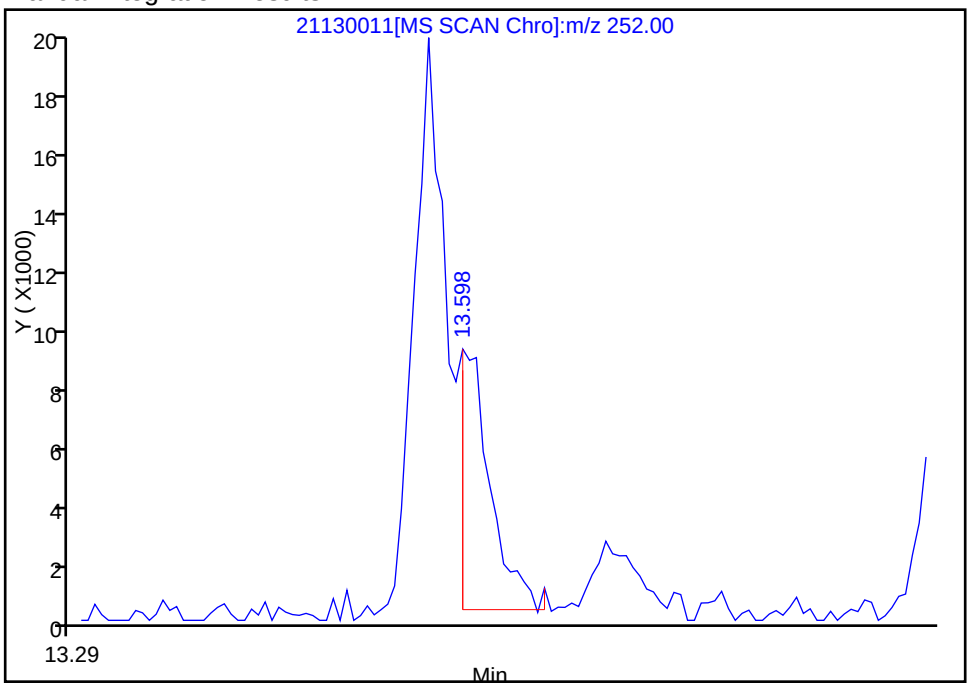
Processing Integration Results

RT: 13.57
Response: 32591
Amount: 0.187339



Manual Integration Results

RT: 13.60
Response: 14044
Amount: 0.080727



Reviewer: gruberj, 30-Nov-2012 14:44:57
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

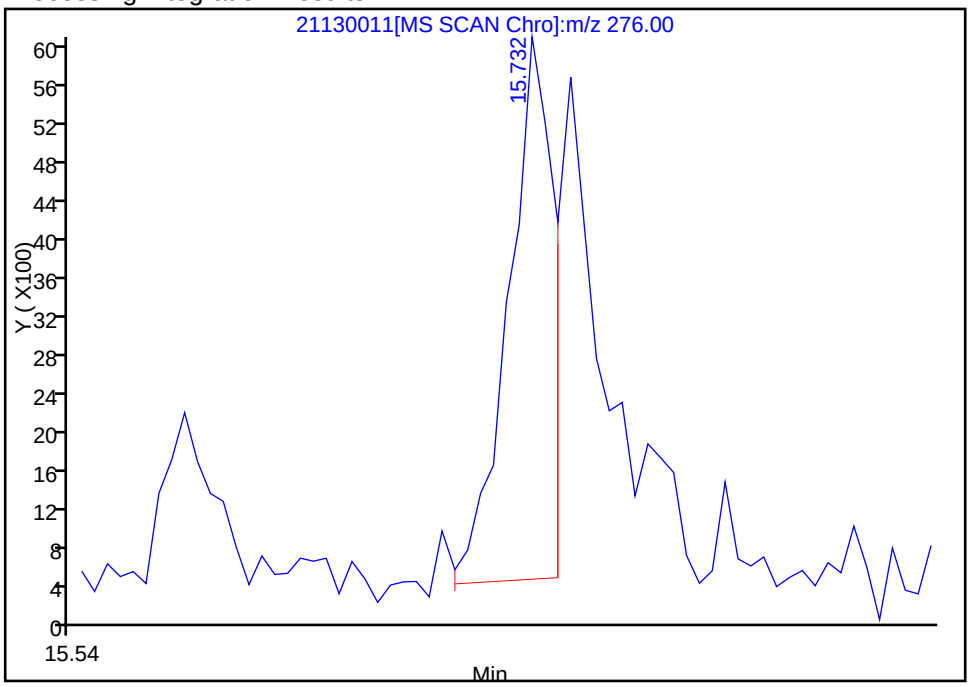
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130011.D		
Injection Date:	30-Nov-2012 12:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0030M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 15.74

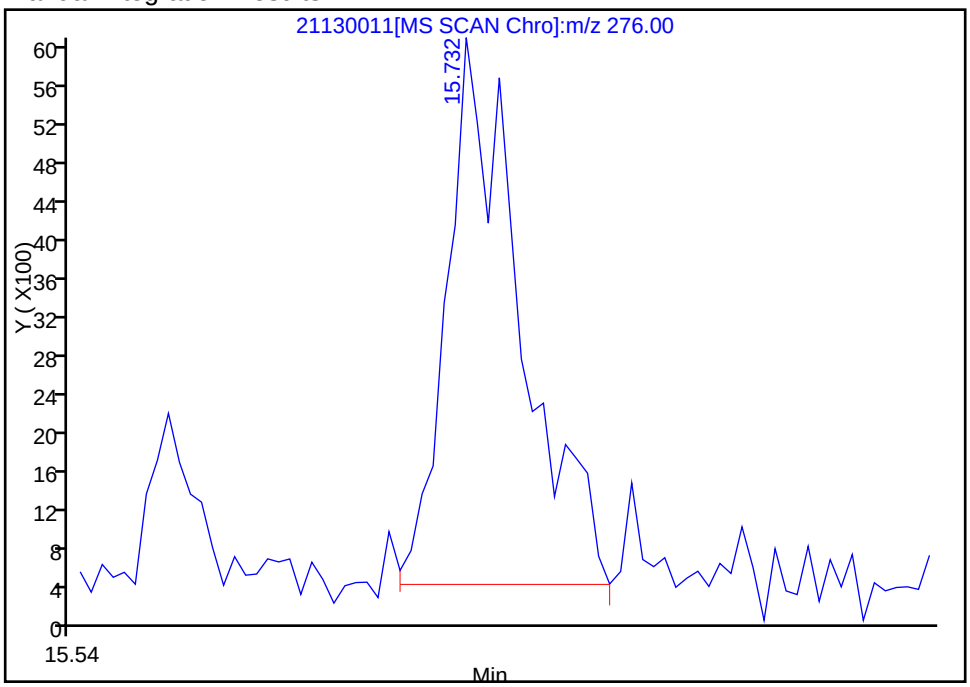
Processing Integration Results

RT: 15.73
Response: 7489
Amount: 0.123115



Manual Integration Results

RT: 15.73
Response: 14074
Amount: 0.160093



Reviewer: gruberj, 30-Nov-2012 14:44:57
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0031M-0001-SO | Lab Sample ID: 240-17768-18

Matrix: Solid | Lab File ID: 21130012.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 16:15

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.27(g) | Date Analyzed: 11/30/2012 12:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	16	U	33	16	16
208-96-8	Acenaphthylene	16	U	33	16	16
120-12-7	Anthracene	16	U	33	16	16
56-55-3	Benzo[a]anthracene	29	J D	33	16	16
50-32-8	Benzo[a]pyrene	64	D	33	16	16
205-99-2	Benzo[b]fluoranthene	45	D M	33	16	16
191-24-2	Benzo[g,h,i]perylene	27	J D	33	16	16
65-85-0	Benzoic acid	1700	U	3300	1700	1700
207-08-9	Benzo[k]fluoranthene	18	J D M	33	16	16
100-51-6	Benzyl alcohol	130	U	1600	130	100
111-91-1	Bis(2-chloroethoxy)methane	130	U	500	130	110
111-44-4	Bis(2-chloroethyl)ether	16	U	500	16	9.9
108-60-1	bis (2-chloroisopropyl) ether	130	U	500	130	47
117-81-7	Bis(2-ethylhexyl) phthalate	96	J D B	250	130	94
101-55-3	4-Bromophenyl phenyl ether	130	U	250	130	64
85-68-7	Butyl benzyl phthalate	130	U	250	130	50
86-74-8	Carbazole	130	U	250	130	130
106-47-8	4-Chloroaniline	130	U	740	130	84
59-50-7	4-Chloro-3-methylphenol	130	U	740	130	100
91-58-7	2-Chloronaphthalene	16	U	250	16	16
95-57-8	2-Chlorophenol	130	U	250	130	130
7005-72-3	4-Chlorophenyl phenyl ether	130	U	250	130	64
218-01-9	Chrysene	36	D	33	16	5.5
53-70-3	Dibenz(a,h)anthracene	16	U	33	16	16
132-64-9	Dibenzofuran	16	U	250	16	16
95-50-1	1,2-Dichlorobenzene	130	U	250	130	48
541-73-1	1,3-Dichlorobenzene	130	U	250	130	55
106-46-7	1,4-Dichlorobenzene	130	U	250	130	99
91-94-1	3,3'-Dichlorobenzidine	400	U	500	400	89
120-83-2	2,4-Dichlorophenol	130	U	740	130	99
84-66-2	Diethyl phthalate	130	U	250	130	79
105-67-9	2,4-Dimethylphenol	400	U	740	400	99
131-11-3	Dimethyl phthalate	130	U	250	130	84
84-74-2	Di-n-butyl phthalate	130	U	250	130	74

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0031M-0001-SO | Lab Sample ID: 240-17768-18

Matrix: Solid | Lab File ID: 21130012.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 16:15

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.27(g) | Date Analyzed: 11/30/2012 12:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	400	U	740	400	400
51-28-5	2,4-Dinitrophenol	400	U	1600	400	400
121-14-2	2,4-Dinitrotoluene	130	U	990	130	130
606-20-2	2,6-Dinitrotoluene	130	U	990	130	100
117-84-0	Di-n-octyl phthalate	130	U	250	130	130
206-44-0	Fluoranthene	68	D	33	16	16
86-73-7	Fluorene	16	U	33	16	16
118-74-1	Hexachlorobenzene	16	U	33	16	10
87-68-3	Hexachlorobutadiene	130	U	250	130	130
77-47-4	Hexachlorocyclopentadiene	130	U	1600	130	130
67-72-1	Hexachloroethane	130	U	250	130	45
193-39-5	Indeno[1,2,3-cd]pyrene	49	D	33	16	16
78-59-1	Isophorone	130	U	250	130	64
91-57-6	2-Methylnaphthalene	16	U	33	16	16
95-48-7	2-Methylphenol	400	U	990	400	400
15831-10-4	3 & 4 Methylphenol	400	U	2000	400	99
91-20-3	Naphthalene	16	U	33	16	16
88-74-4	2-Nitroaniline	130	U	990	130	45
99-09-2	3-Nitroaniline	400	U	990	400	79
100-01-6	4-Nitroaniline	130	U	990	130	130
98-95-3	Nitrobenzene	16	U	500	16	11
88-75-5	2-Nitrophenol	130	U	250	130	130
100-02-7	4-Nitrophenol	400	U	1600	400	400
621-64-7	N-Nitrosodi-n-propylamine	130	U	250	130	130
86-30-6	N-Nitrosodiphenylamine	130	U	250	130	100
87-86-5	Pentachlorophenol	400	U	740	400	400
85-01-8	Phenanthrene	81	D	33	16	16
108-95-2	Phenol	130	U	250	130	130
129-00-0	Pyrene	61	D	33	16	16
120-82-1	1,2,4-Trichlorobenzene	130	U	250	130	130
95-95-4	2,4,5-Trichlorophenol	130	U	740	130	120
88-06-2	2,4,6-Trichlorophenol	400	U	740	400	400

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0031M-0001-SO | Lab Sample ID: 240-17768-18

Matrix: Solid | Lab File ID: 21130012.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 16:15

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.27(g) | Date Analyzed: 11/30/2012 12:44

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	60		45-105
367-12-4	2-Fluorophenol (Surr)	72		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	64		35-100
4165-62-2	Phenol-d5 (Surr)	69		40-100
1718-51-0	Terphenyl-d14 (Surr)	68		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	70		35-125

Report Date: 03-Dec-2012 10:35:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D
Lims ID: 240-17768-E-18-D Client ID: 076SB-0031M-0001-SO
Inject. Date: 30-Nov-2012 12:44:30 Dil. Factor: 5.0000
Sample Type: Client
Sample ID: 240-0015418-012
Misc. Info.: 240-17768-e-18-d
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 66878 Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m
Last Update: 03-Dec-2012 10:35:45 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: XAWRK014

First Level Reviewer: gruberj Date: 30-Nov-2012 14:46:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.783	5.778	0.005	96	142005	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	99	566430	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	92	326092	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	98	563600	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.005	97	588639	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	92	531174	4.00	
$ 7 2-Fluorophenol	112	4.548	4.494	0.054	86	95270	2.17	
$ 8 Phenol-d5	99	5.435	5.425	0.010	89	114875	2.06	
$ 9 Nitrobenzene-d5	82	6.275	6.270	0.005	86	63500	1.28	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	96	126953	1.20	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	80	28461	2.11	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	147938	1.36	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					
46 2-Chlorophenol	128		5.585					
47 1,3-Dichlorobenzene	146		5.724					9
48 1,4-Dichlorobenzene	146		5.794					9
49 Benzyl alcohol	108		5.895					9
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					9
52 2,2'-oxybis[1-chloropropane]	45		6.019					
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					9
60 Hexachloroethane	117		6.238					
61 Nitrobenzene	77		6.291					
63 Isophorone	82		6.495					
65 2-Nitrophenol	139		6.569					9
64 2,4-Dimethylphenol	107		6.591					
69 Benzoic acid	122		6.660					
68 Bis(2-chloroethoxy)methane	93		6.676					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128		6.922					
74 4-Chloroaniline	127		6.960					9
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					9
85 2-Methylnaphthalene	142		7.511					9
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					9
91 2,4,5-Trichlorophenol	196		7.778					9
98 2-Chloronaphthalene	162		7.928					9
100 2-Nitroaniline	65		8.003					
103 Dimethyl phthalate	163		8.147					9
105 2,6-Dinitrotoluene	165		8.201					
107 Acenaphthylene	152		8.281					
108 3-Nitroaniline	138		8.351					
110 Acenaphthene	153		8.425					9
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					9
112 2,4-Dinitrotoluene	165		8.543					
114 Dibenzofuran	168		8.570					
119 Diethyl phthalate	149		8.736					
121 4-Chlorophenyl phenyl ether	204		8.848					9
124 Fluorene	166		8.859					9
123 4-Nitroaniline	138		8.864					9
126 4,6-Dinitro-2-methylphenol	198		8.885					9
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					
146 Phenanthrene	178	9.672	9.672	0.0	95	37658	0.2446	
147 Anthracene	178		9.714					
149 Carbazole	167		9.843					9
151 Di-n-butyl phthalate	149		10.105					9
157 Fluoranthene	202	10.677	10.677	0.0	88	34864	0.2050	
160 Pyrene	202	10.875	10.875	0.0	97	34506	0.1837	
166 Butyl benzyl phthalate	149		11.447					9
173 3,3'-Dichlorobenzidine	252		12.068					
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	87	10809	0.2918	
175 Benzo[a]anthracene	228	12.111	12.116	-0.005	71	14430	0.0878	
176 Chrysene	228	12.159	12.164	-0.005	66	16867	0.1077	
178 Di-n-octyl phthalate	149		12.961					9
180 Benzo[b]fluoranthene	252	13.565	13.565	0.0	86	22998	0.1357	M
181 Benzo[k]fluoranthene	252	13.603	13.608	-0.005	86	9934	0.0540	M
182 Benzo[a]pyrene	252	14.047	14.052	-0.005	63	14038	0.1947	
186 Indeno[1,2,3-cd]pyrene	276	15.742	15.742	0.0	74	12515	0.1475	
187 Dibenz(a,h)anthracene	278		15.769					
188 Benzo[g,h,i]perylene	276	16.138	16.154	-0.016	79	12554	0.0826	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

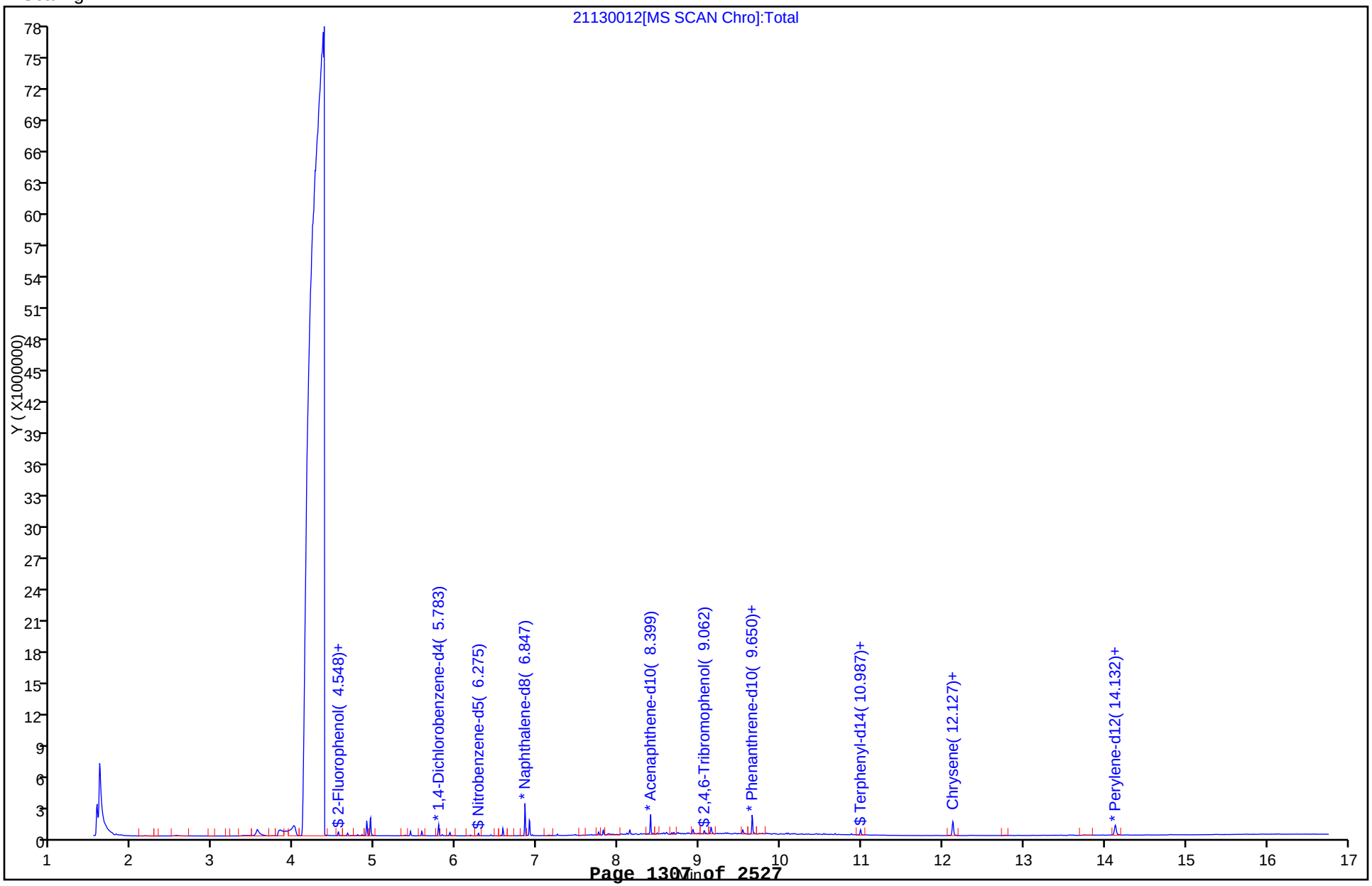
Review Flags
M - Manually Integrated

Report Date: 03-Dec-2012 10:35:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D		
Injection Date:	30-Nov-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

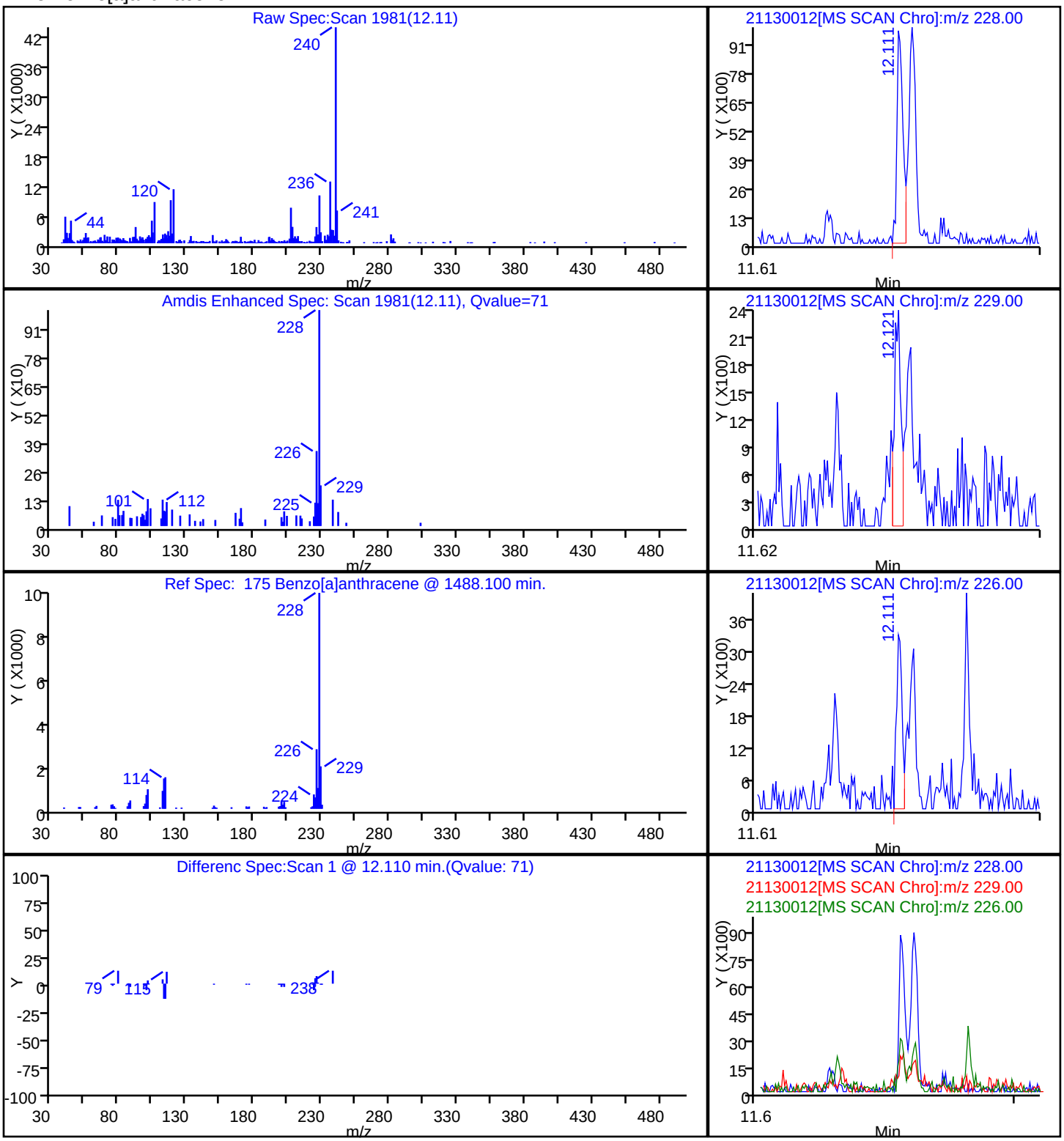


Report Date: 03-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D		
Injection Date:	30-Nov-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

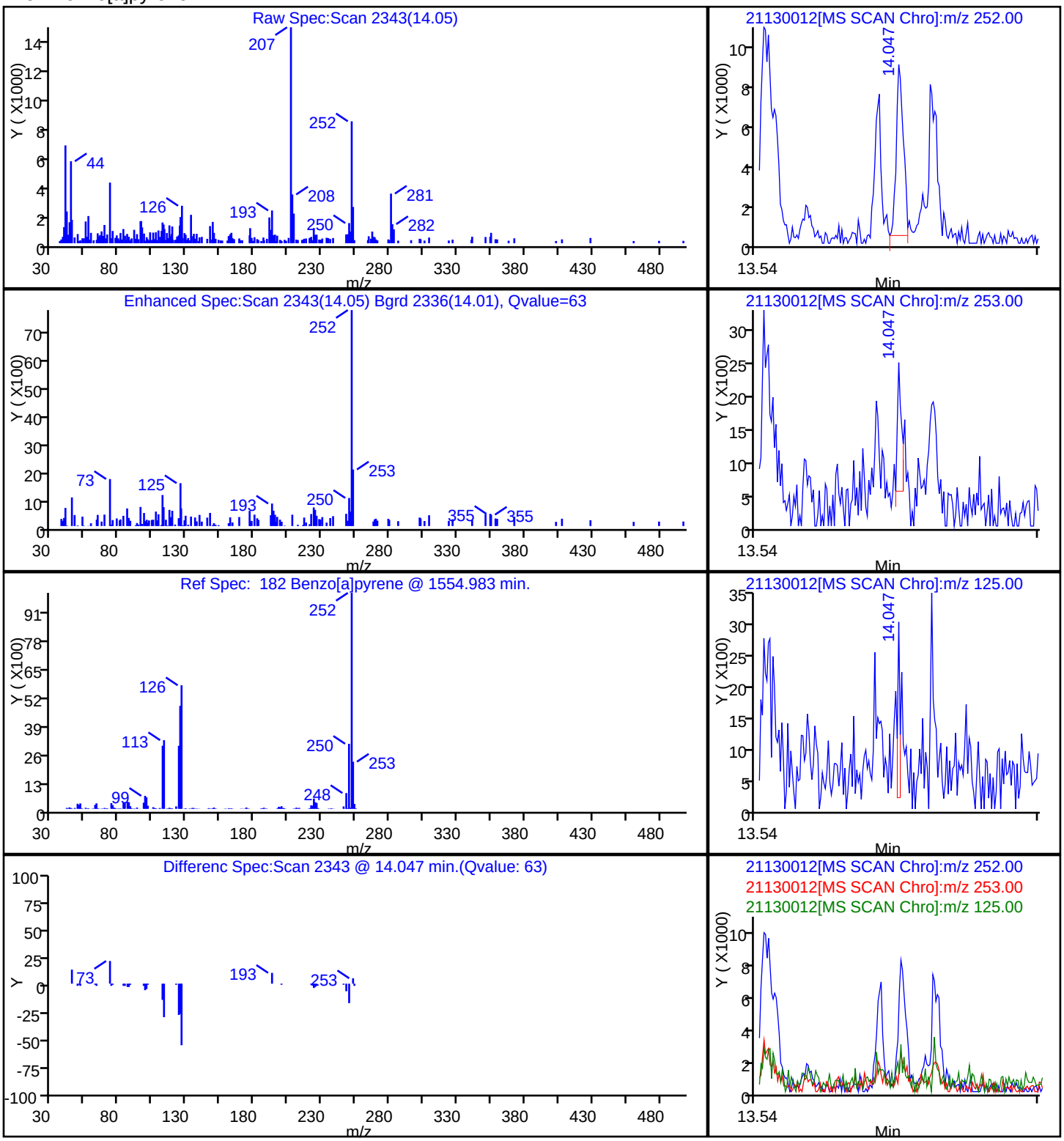


Report Date: 03-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D		
Injection Date:	30-Nov-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

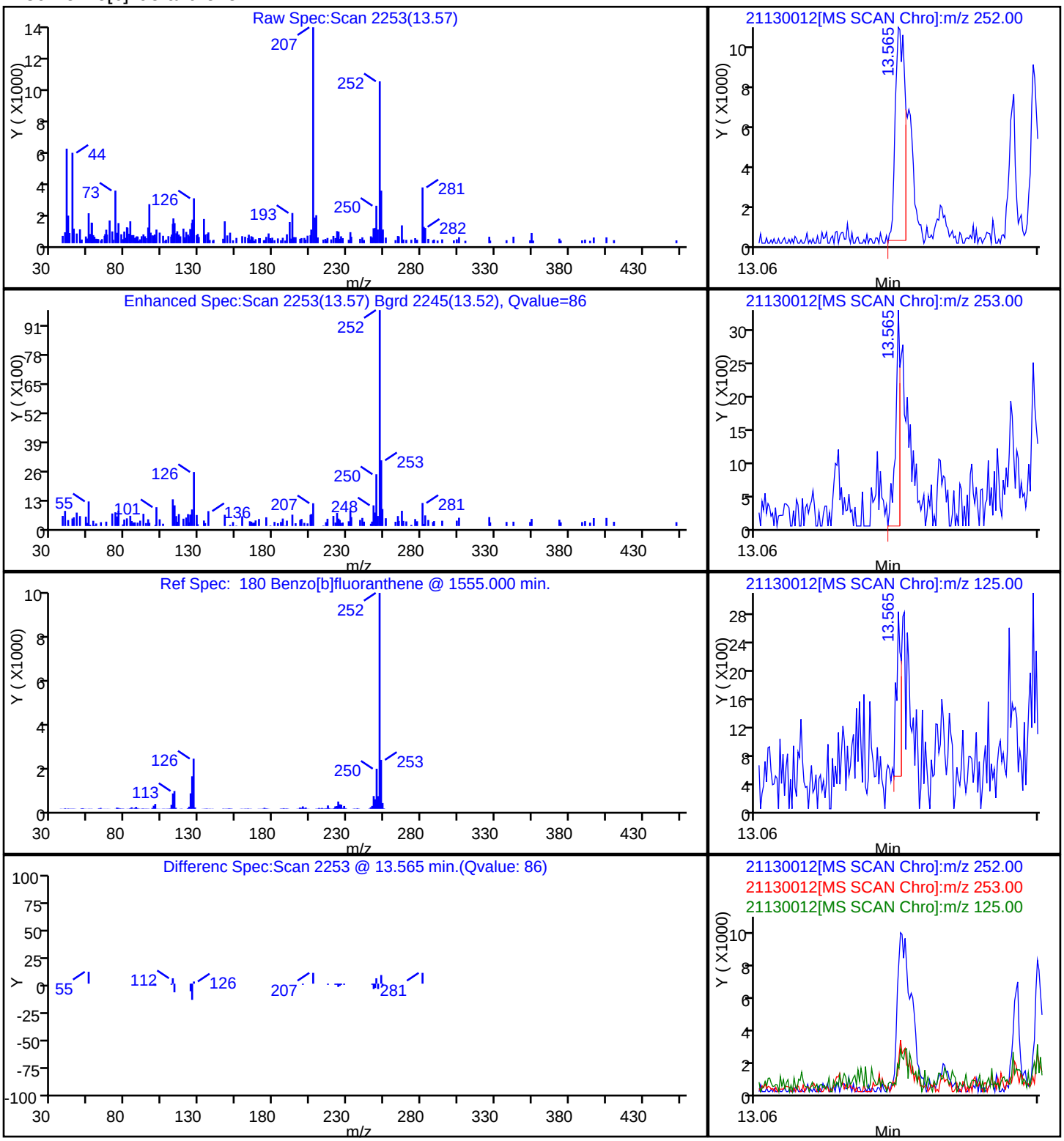


Report Date: 03-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D		
Injection Date:	30-Nov-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	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



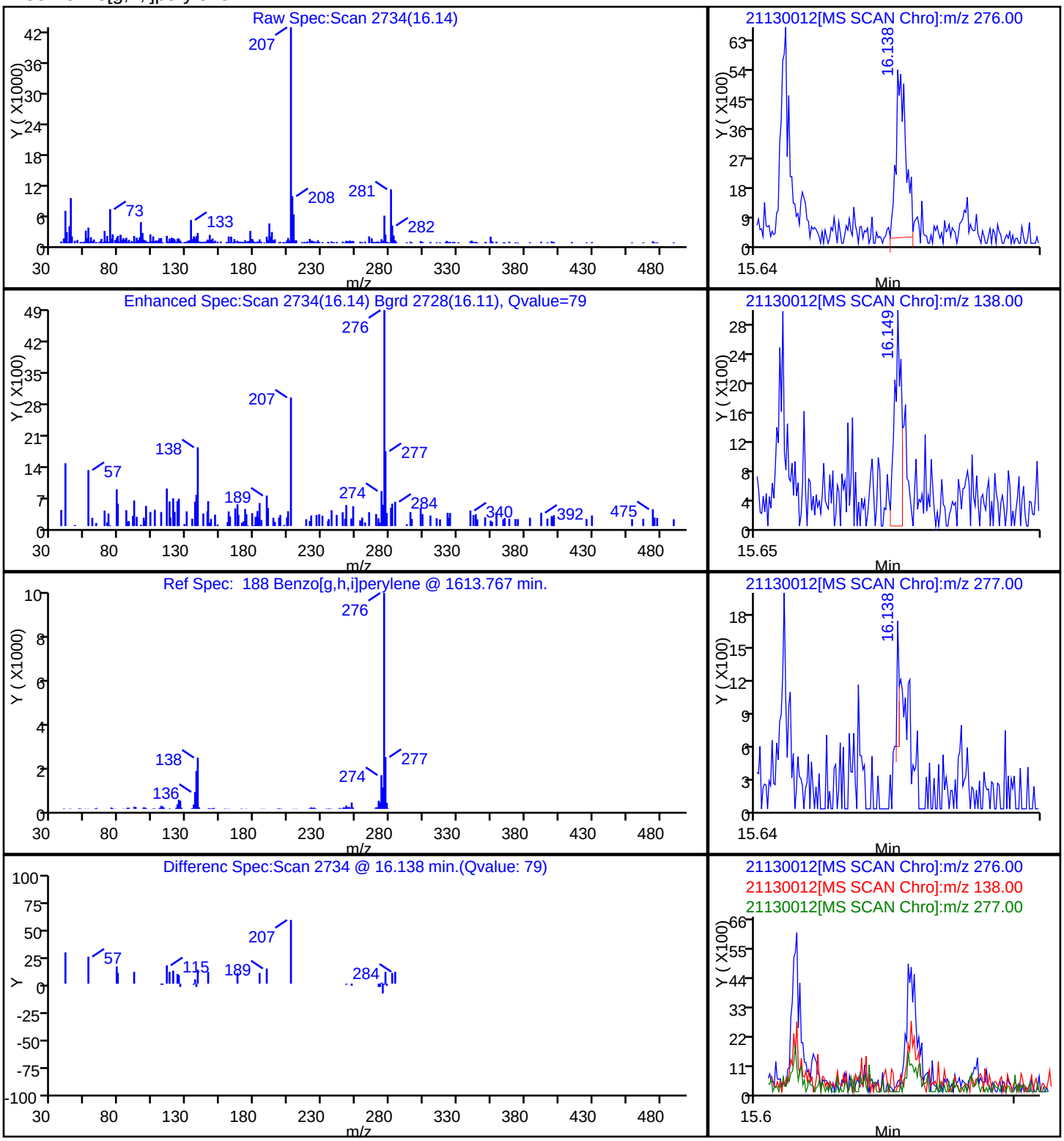
Report Date: 03-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D

Injection Date:	30-Nov-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

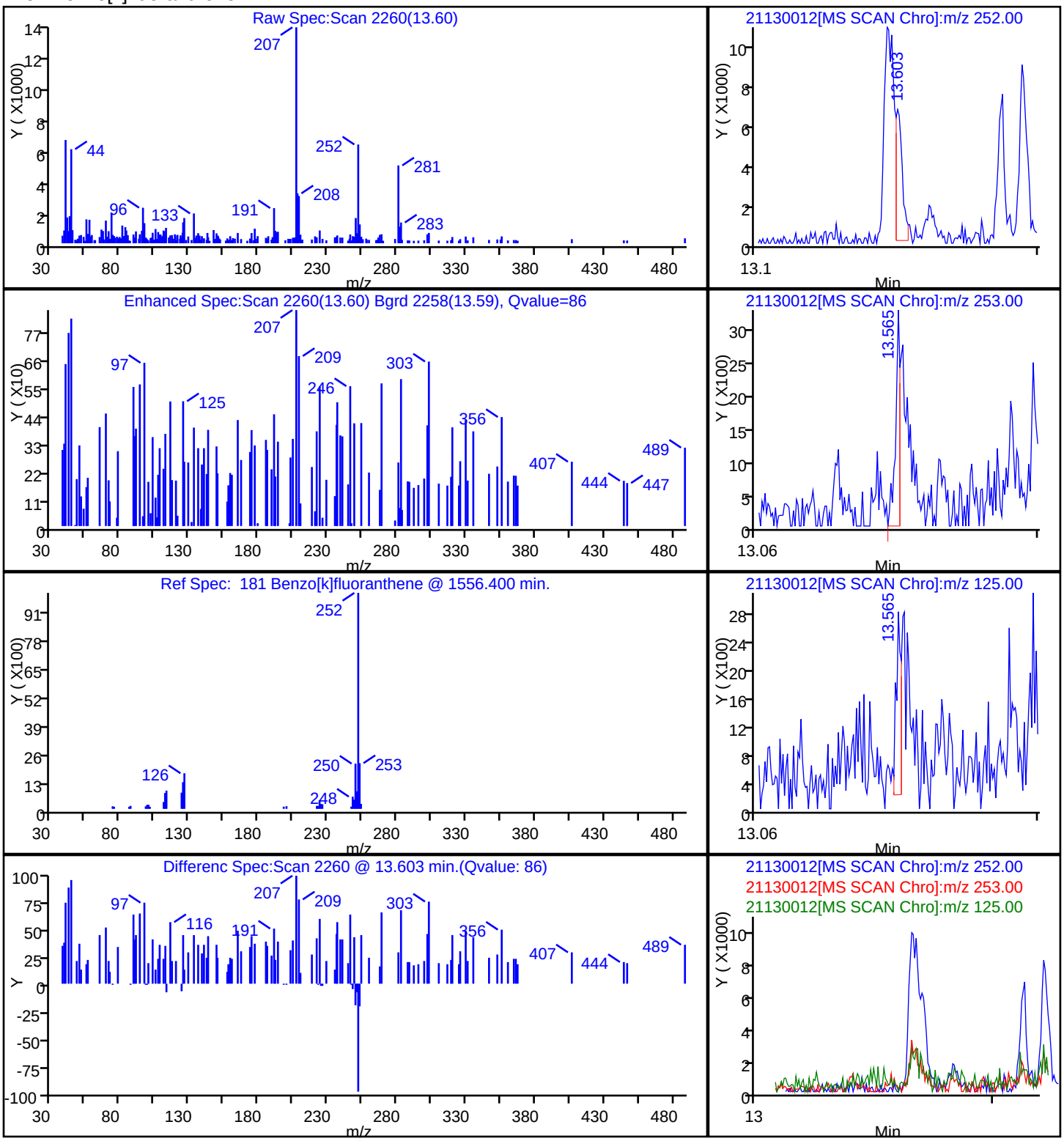


Report Date: 03-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D		
Injection Date:	30-Nov-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

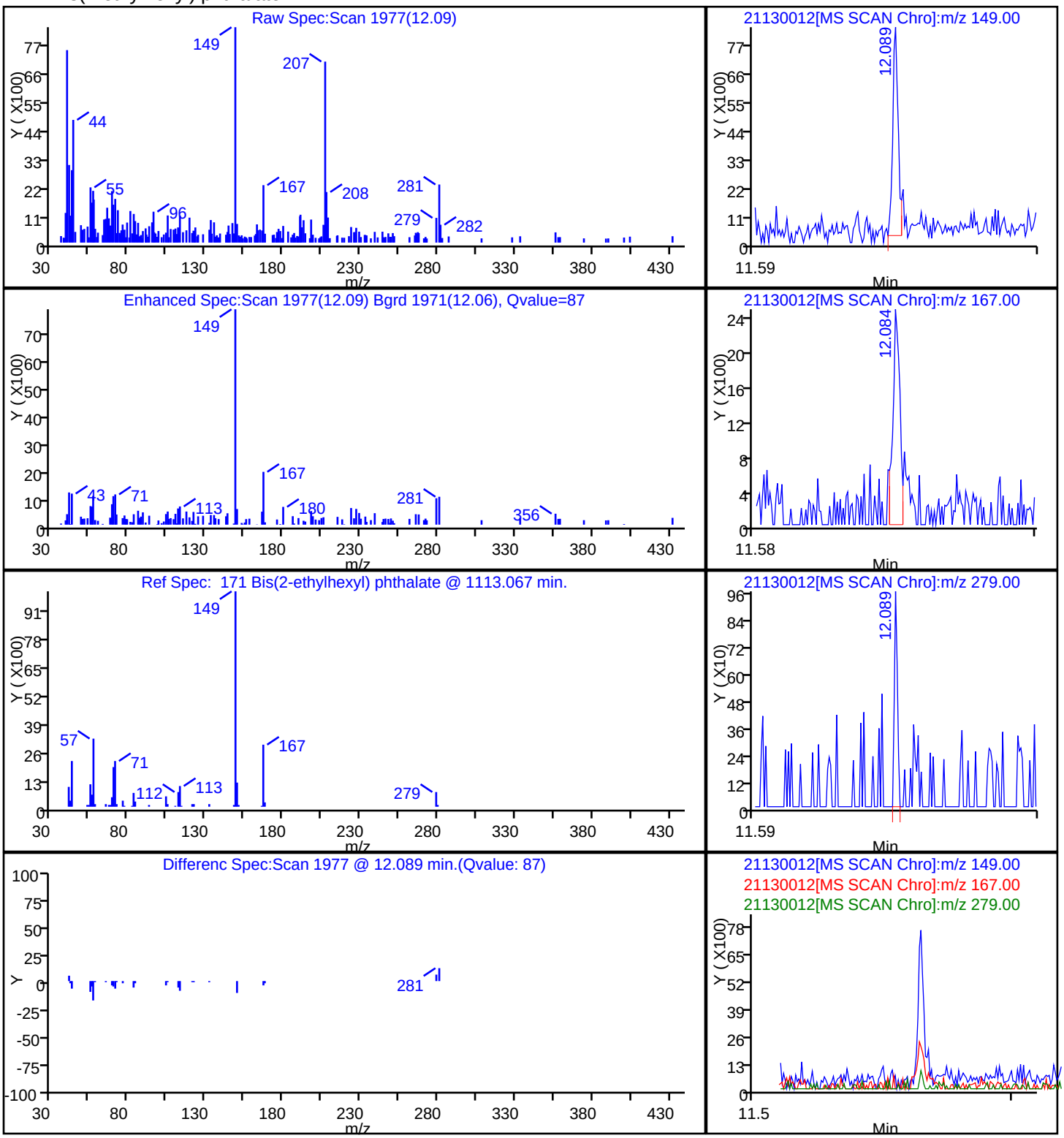


Report Date: 03-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D		
Injection Date:	30-Nov-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate

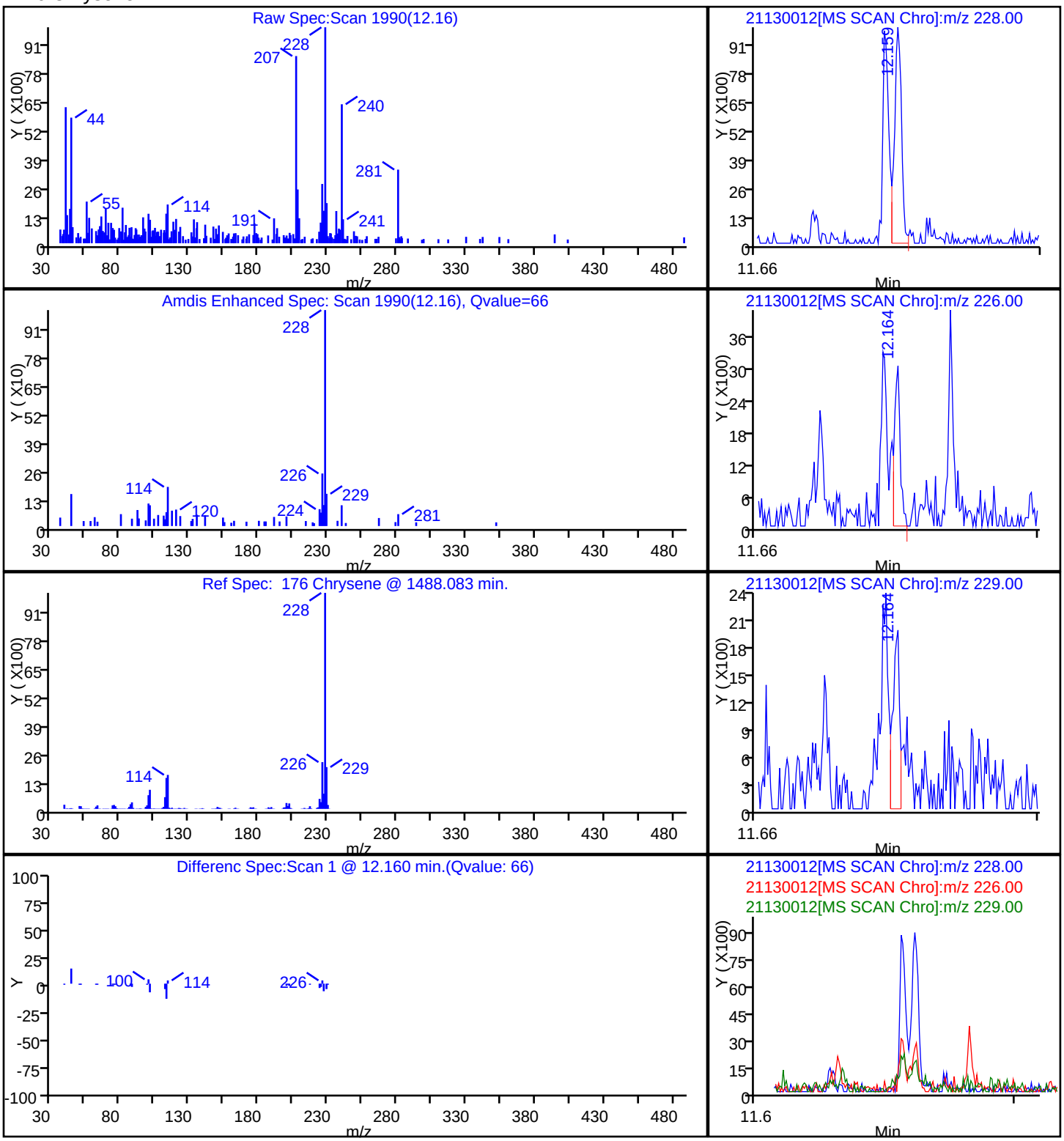


Report Date: 03-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D		
Injection Date:	30-Nov-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene

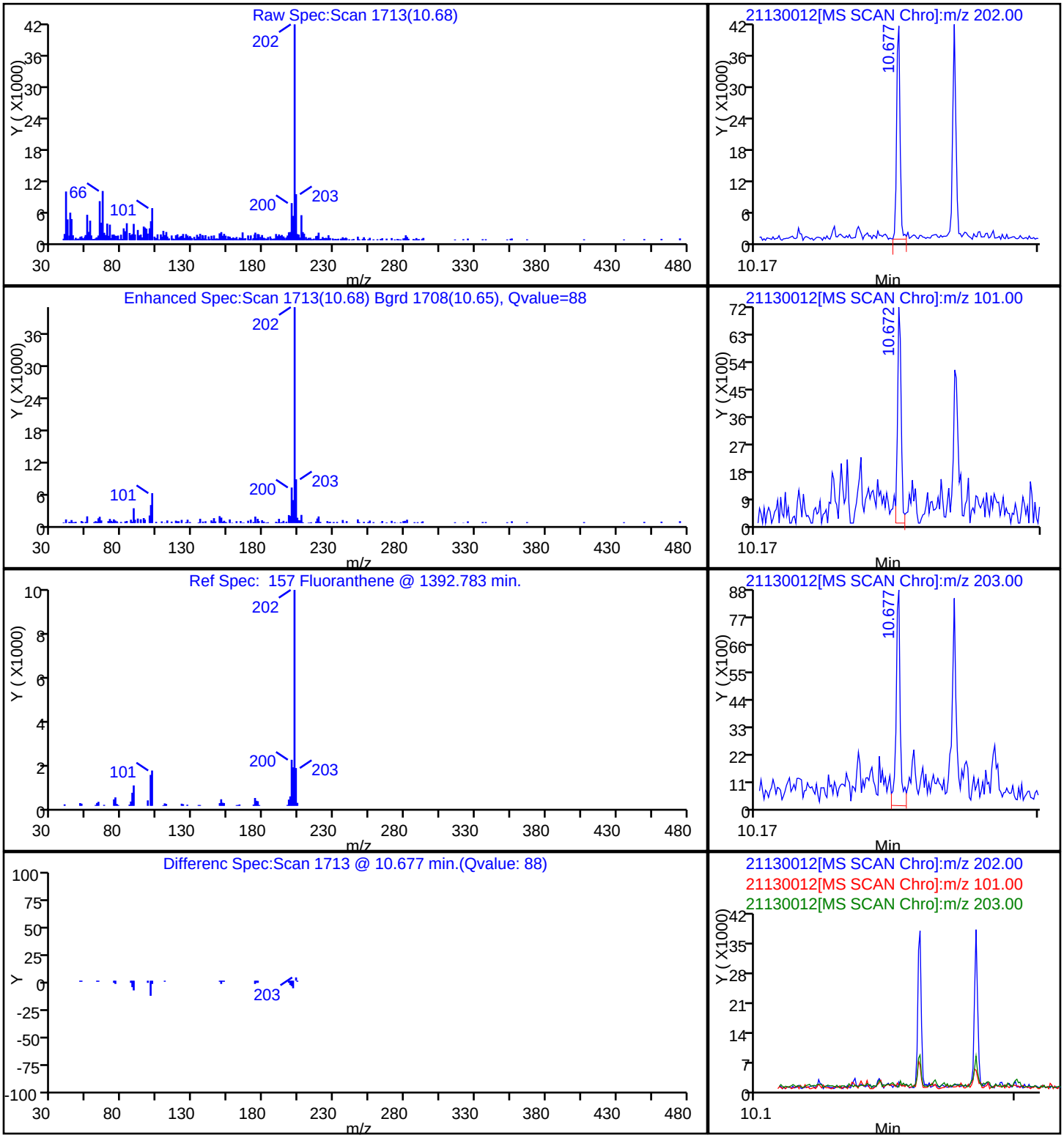


Report Date: 03-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D		
Injection Date:	30-Nov-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene

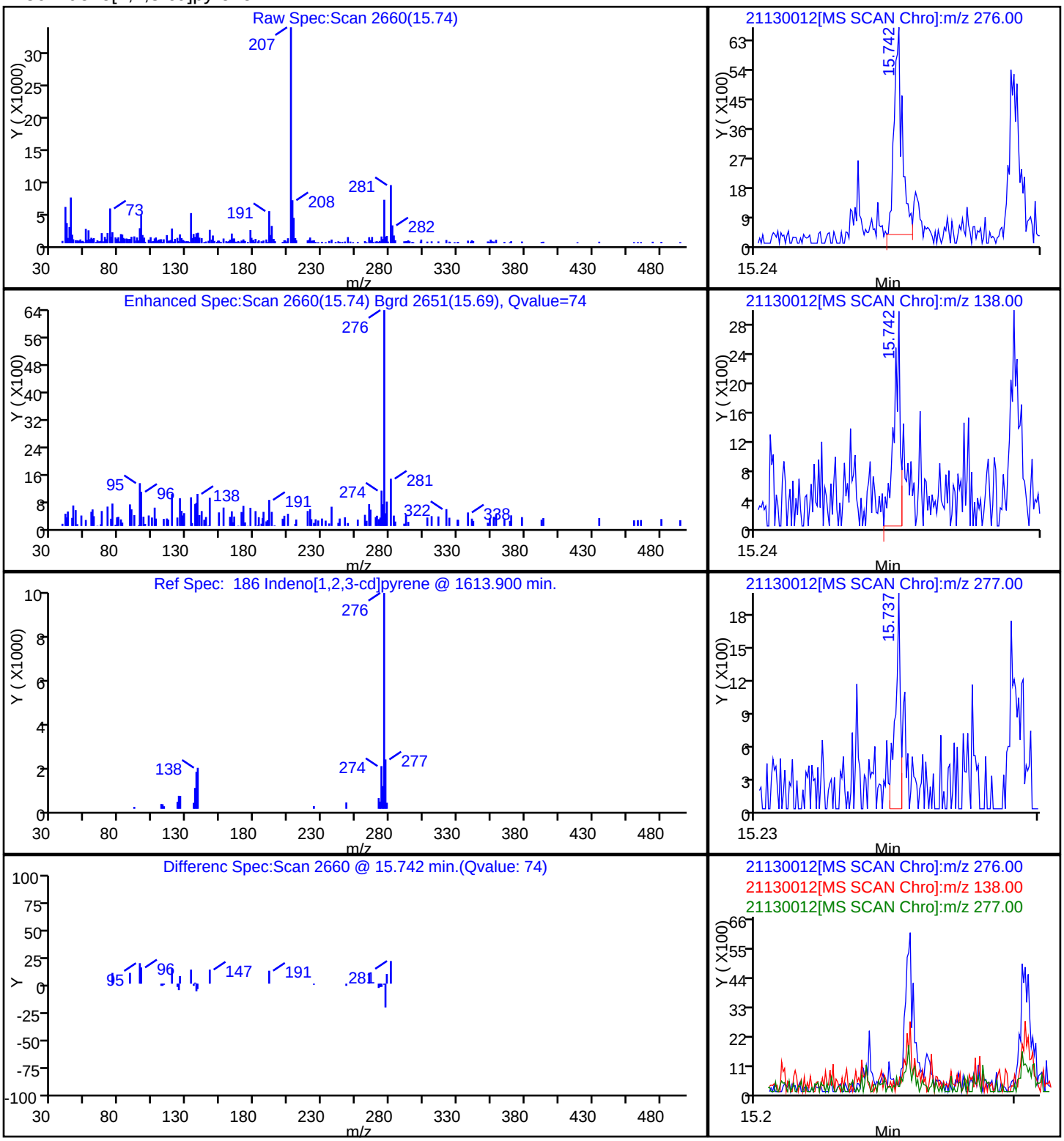


Report Date: 03-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D		
Injection Date:	30-Nov-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene

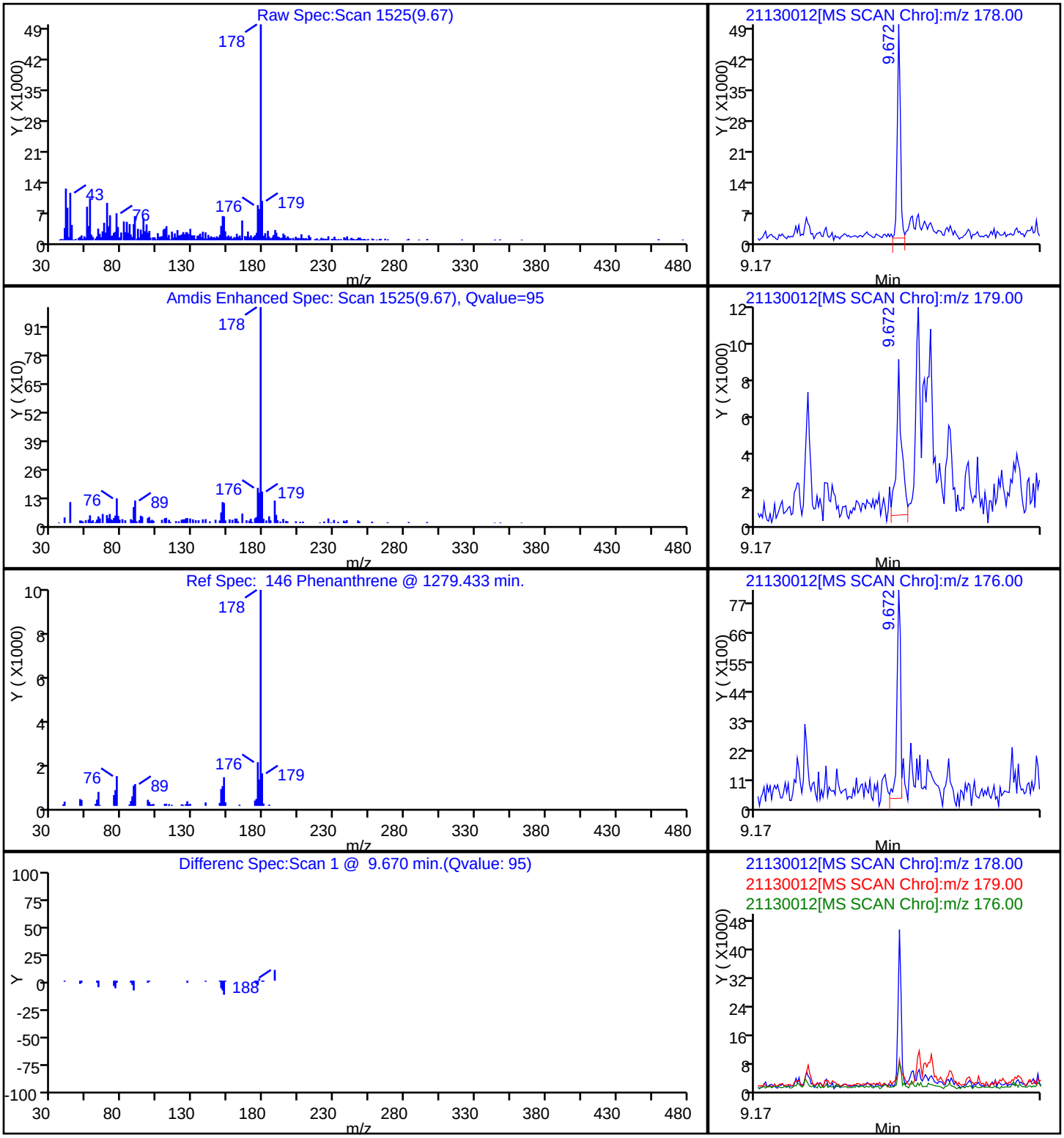


Report Date: 03-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D		
Injection Date:	30-Nov-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



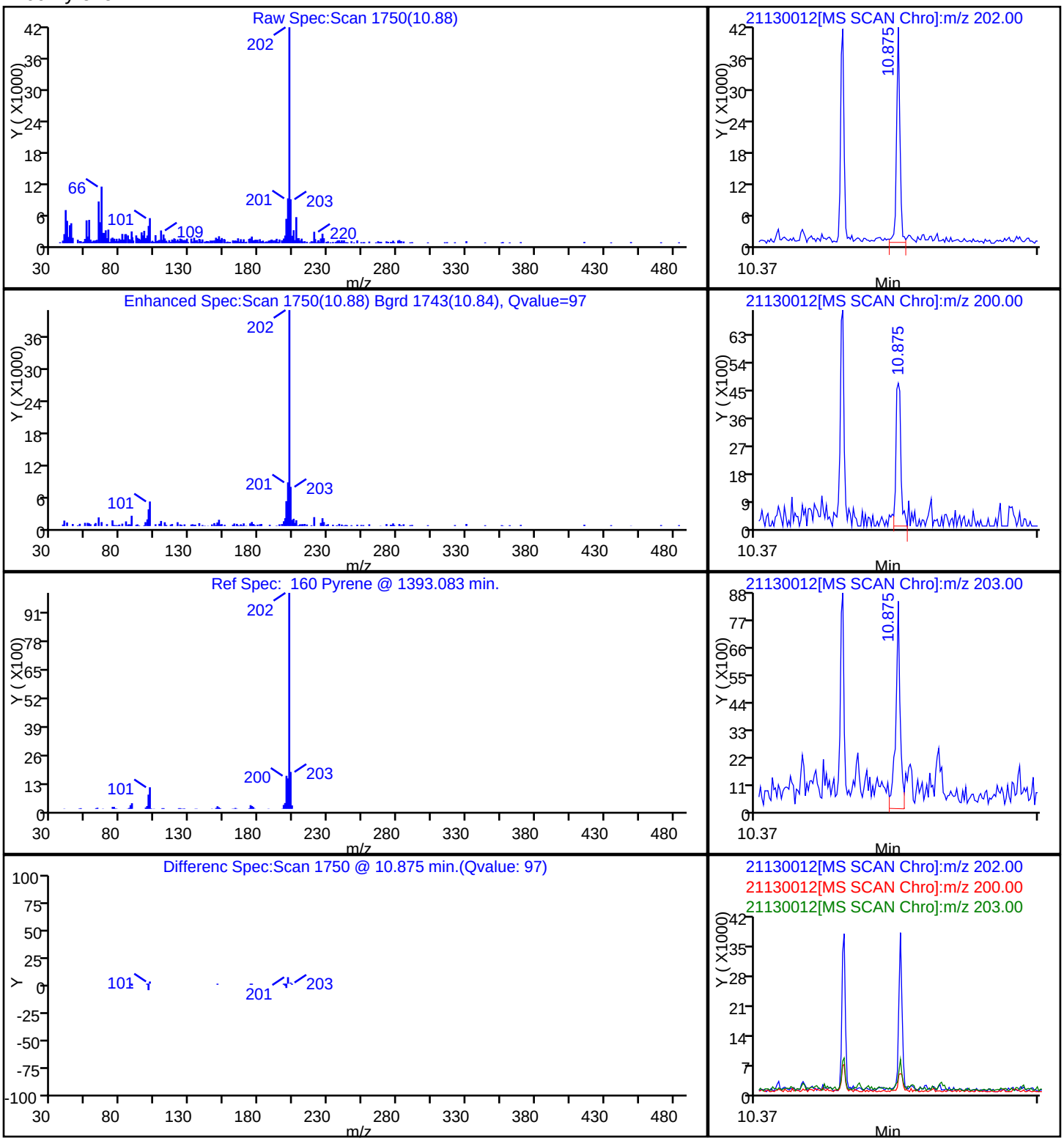
Report Date: 03-Dec-2012 10:35:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D

Injection Date:	30-Nov-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

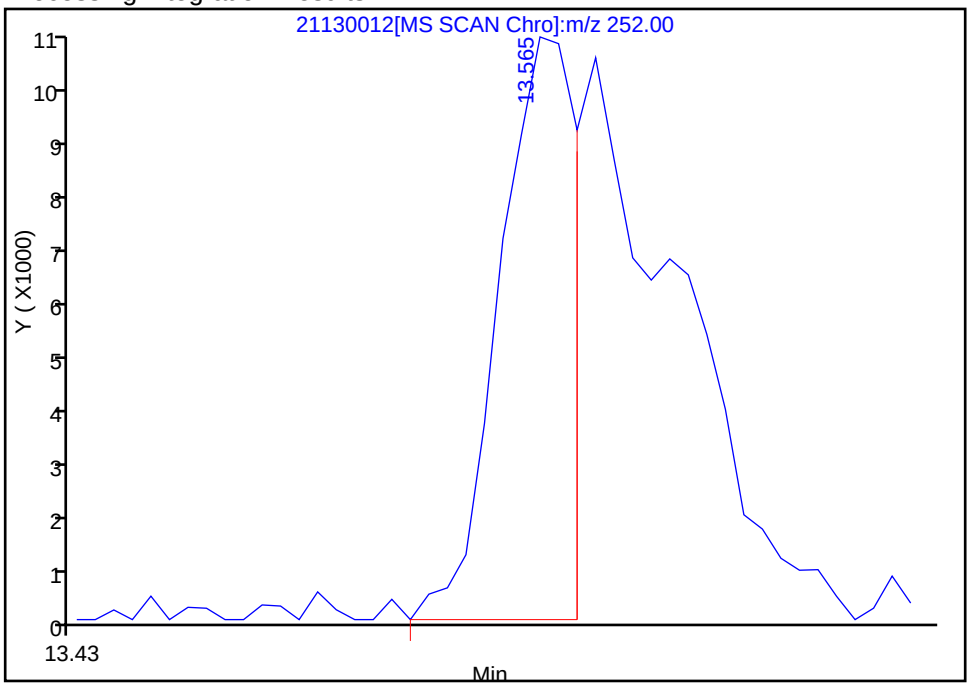
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D		
Injection Date:	30-Nov-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	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, Signal: 1, m/z: 252.0 Type: quant, RT: 13.57

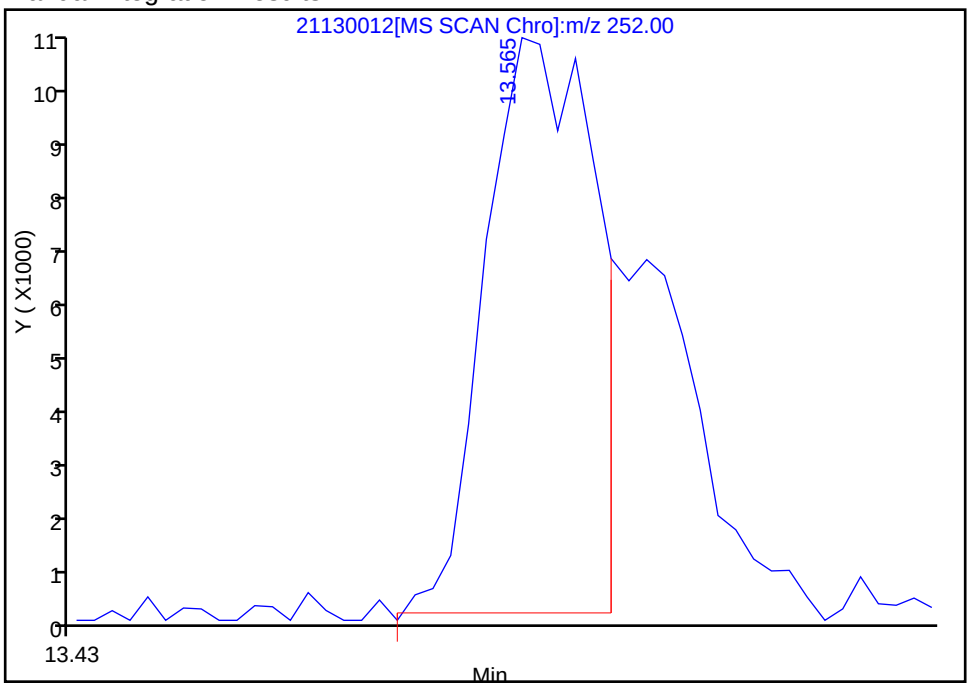
Processing Integration Results

RT: 13.57
Response: 15813
Amount: 0.093321



Manual Integration Results

RT: 13.57
Response: 22998
Amount: 0.135723



Reviewer: gruberj, 30-Nov-2012 14:46:04
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

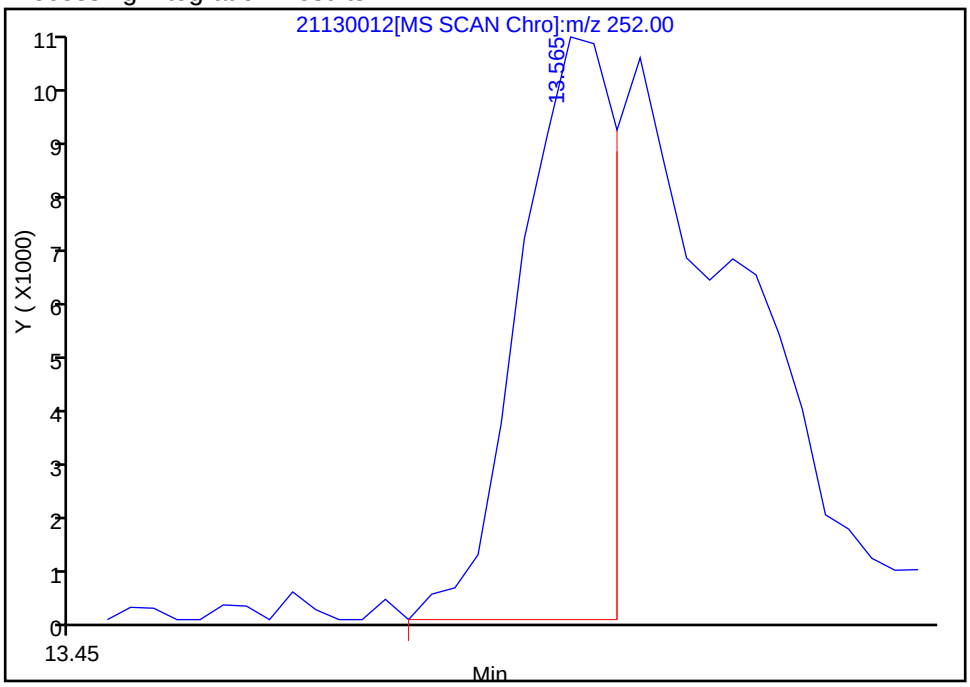
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130012.D		
Injection Date:	30-Nov-2012 12:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0031M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	12
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: 13.61

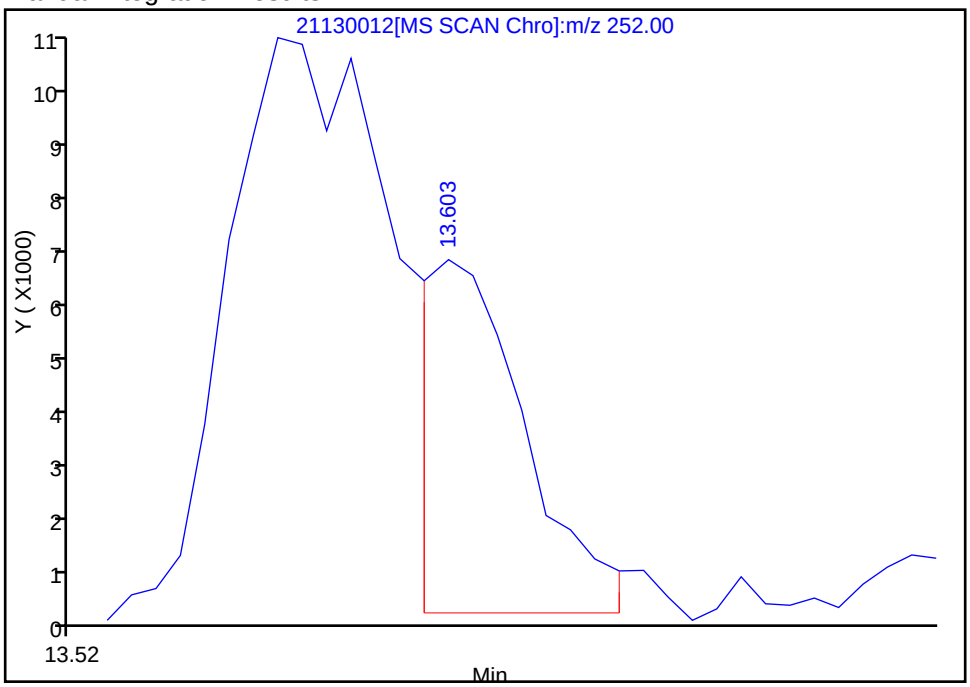
Processing Integration Results

RT: 13.57
Response: 15813
Amount: 0.085882



Manual Integration Results

RT: 13.60
Response: 9934
Amount: 0.053952



Reviewer: gruberj, 30-Nov-2012 14:46:04
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0032M-0001-SO | Lab Sample ID: 240-17768-19

Matrix: Solid | Lab File ID: 21130018.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 16:15

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.79(g) | Date Analyzed: 11/30/2012 15:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | 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	12		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	26		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	30		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	27		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	13		6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	660	340	340
207-08-9	Benzo[k]fluoranthene	12	M	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	33	J B	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	27		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	8.6	J	50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0032M-0001-SO | Lab Sample ID: 240-17768-19

Matrix: Solid | Lab File ID: 21130018.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 16:15

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.79(g) | Date Analyzed: 11/30/2012 15:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	64		6.7	3.3	3.3
86-73-7	Fluorene	7.1		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	18	M	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	23		6.7	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	400	81	20
91-20-3	Naphthalene	20		6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	56		6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	48		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0032M-0001-SO | Lab Sample ID: 240-17768-19

Matrix: Solid | Lab File ID: 21130018.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 16:15

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.79(g) | Date Analyzed: 11/30/2012 15:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	67		45-105
367-12-4	2-Fluorophenol (Surr)	71		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	73		35-100
4165-62-2	Phenol-d5 (Surr)	76		40-100
1718-51-0	Terphenyl-d14 (Surr)	76		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	77		35-125

Report Date: 03-Dec-2012 10:36:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D
Lims ID: 240-17768-E-19-D Client ID: 076SB-0032M-0001-SO
Inject. Date: 30-Nov-2012 15:04:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015418-018
Misc. Info.: 240-17768-e-19-d
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 66878 Lims Sample ID: 18
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m
Last Update: 03-Dec-2012 10:35:45 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: XAWRK014

First Level Reviewer: gruberj Date: 30-Nov-2012 15:28:23

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.794	5.778	0.016	95	125744	4.00	
* 2 Naphthalene-d8	136	6.906	6.901	0.005	96	484708	4.00	
* 3 Acenaphthene-d10	164	8.398	8.399	-0.001	92	281561	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	97	487598	4.00	
* 5 Chrysene-d12	240	12.126	12.132	-0.006	94	505236	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	97	458681	4.00	
$ 7 2-Fluorophenol	112	4.783	4.494	0.289	92	414282	10.7	
$ 8 Phenol-d5	99	5.473	5.425	0.048	96	559059	11.3	
$ 9 Nitrobenzene-d5	82	6.275	6.270	0.005	89	312545	7.33	
$ 10 2-Fluorobiphenyl (Surr)	172	7.815	7.816	-0.001	100	614781	6.73	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	92	135035	11.6	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	715492	7.65	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					
46 2-Chlorophenol	128		5.585					
47 1,3-Dichlorobenzene	146		5.724					9
48 1,4-Dichlorobenzene	146		5.794					9
49 Benzyl alcohol	108		5.895					
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					
52 2,2'-oxybis[1-chloropropane]	45		6.019					
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					
60 Hexachloroethane	117		6.238					
61 Nitrobenzene	77		6.291					9
63 Isophorone	82		6.495					
65 2-Nitrophenol	139		6.569					9
64 2,4-Dimethylphenol	107		6.591					9
69 Benzoic acid	122		6.660					9
68 Bis(2-chloroethoxy)methane	93		6.676					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128	6.922	6.922	0.0	82	35801	0.2956	
74 4-Chloroaniline	127		6.960					
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					9
85 2-Methylnaphthalene	142	7.511	7.511	0.0	90	26113	0.3371	
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					
91 2,4,5-Trichlorophenol	196		7.778					
98 2-Chloronaphthalene	162		7.928					9
100 2-Nitroaniline	65		8.003					9
103 Dimethyl phthalate	163		8.147					9
105 2,6-Dinitrotoluene	165		8.201					9
107 Acenaphthylene	152		8.281					
108 3-Nitroaniline	138		8.351					9
110 Acenaphthene	153		8.425					
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					9
112 2,4-Dinitrotoluene	165		8.543					9
114 Dibenzofuran	168	8.570	8.570	0.0	71	14661	0.1279	
119 Diethyl phthalate	149	8.730	8.736	-0.006	64	13368	0.1546	
121 4-Chlorophenyl phenyl ether	204		8.848					
124 Fluorene	166	8.858	8.859	-0.001	69	9688	0.1052	
123 4-Nitroaniline	138		8.864					9
126 4,6-Dinitro-2-methylphenol	198		8.885					
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					
146 Phenanthrene	178	9.671	9.672	-0.001	97	110716	0.8311	
147 Anthracene	178	9.714	9.714	0.0	82	23324	0.1762	
149 Carbazole	167		9.843					9
151 Di-n-butyl phthalate	149	10.105	10.105	0.0	65	21388	0.1481	
157 Fluoranthene	202	10.682	10.677	0.005	92	139909	0.9510	
160 Pyrene	202	10.875	10.875	0.0	95	114564	0.7106	
166 Butyl benzyl phthalate	149		11.447					
173 3,3'-Dichlorobenzidine	252		12.068					9
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	78	28292	0.4965	
175 Benzo[a]anthracene	228	12.116	12.116	0.0	85	54050	0.3833	
176 Chrysene	228	12.159	12.164	-0.005	65	54597	0.4063	
178 Di-n-octyl phthalate	149		12.961					
180 Benzo[b]fluoranthene	252	13.571	13.565	0.006	91	58774	0.4017	
181 Benzo[k]fluoranthene	252	13.603	13.608	-0.005	96	28478	0.1791	M
182 Benzo[a]pyrene	252	14.047	14.052	-0.005	70	49252	0.4458	
186 Indeno[1,2,3-cd]pyrene	276	15.742	15.742	0.0	69	30605	0.2691	M
187 Dibenz(a,h)anthracene	278		15.769					
188 Benzo[g,h,i]perylene	276	16.149	16.154	-0.005	72	25101	0.1911	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

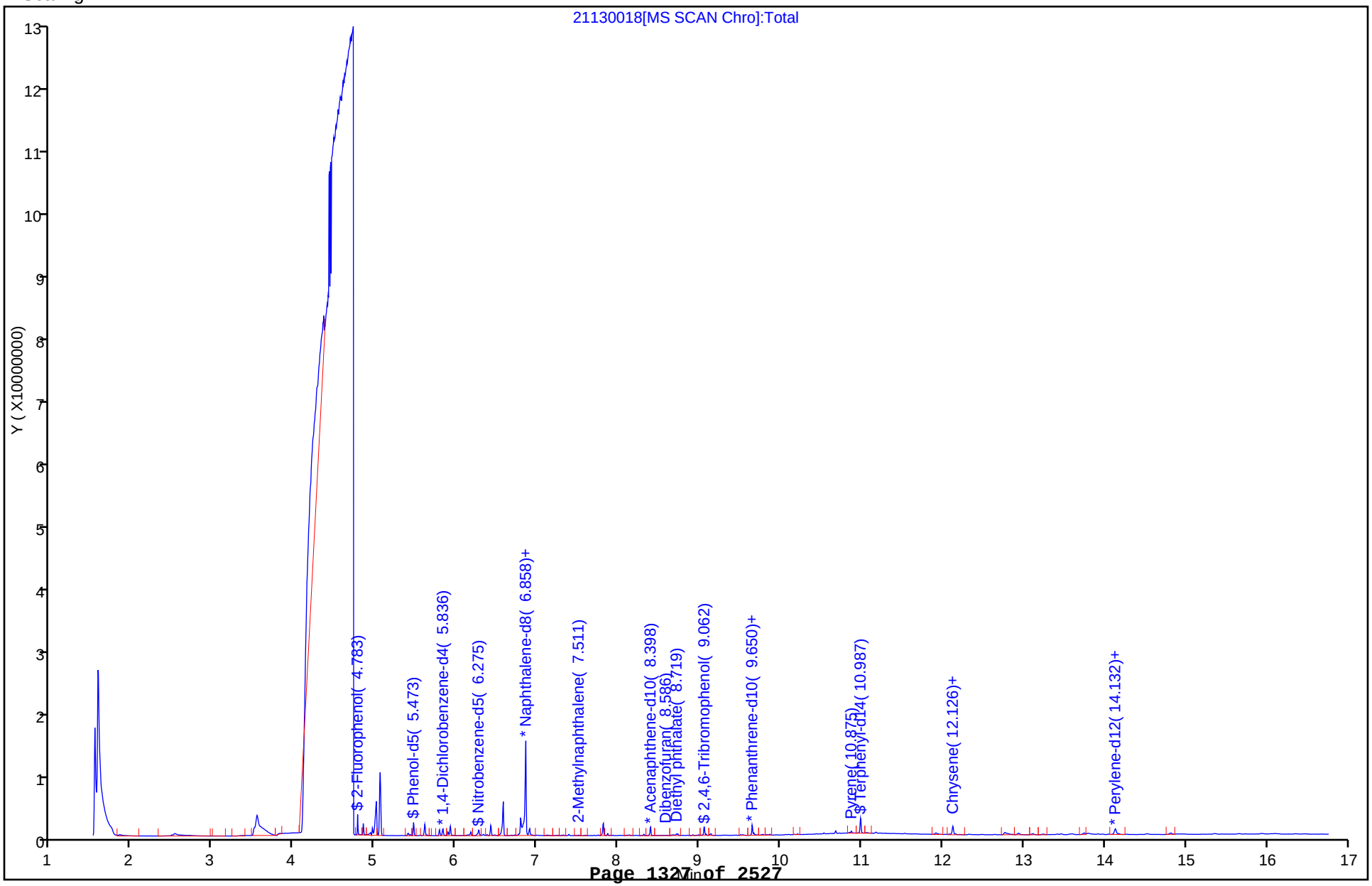
Review Flags
M - Manually Integrated

Report Date: 03-Dec-2012 10:36:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D		
Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



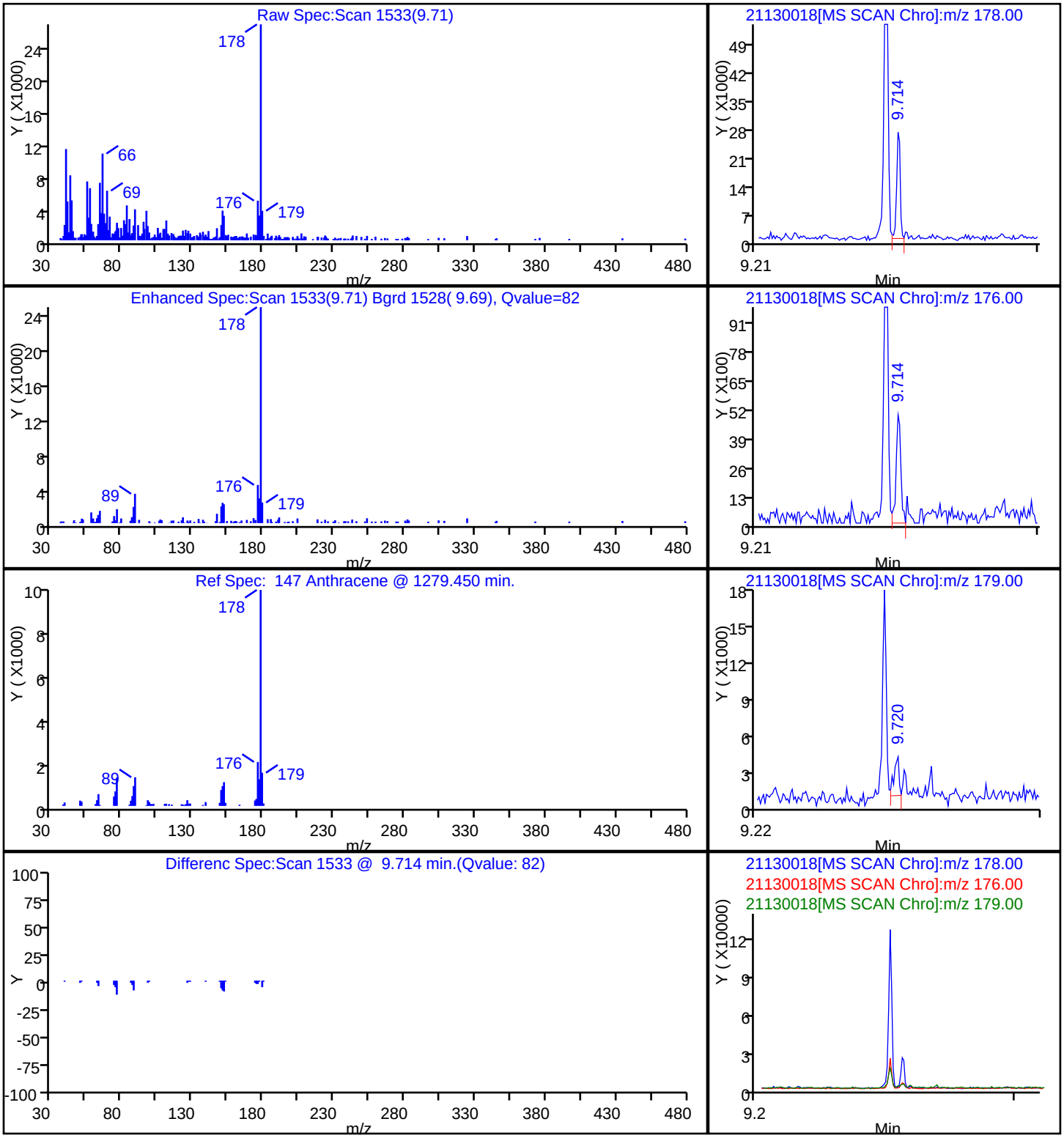
Report Date: 03-Dec-2012 10:36:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D

Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



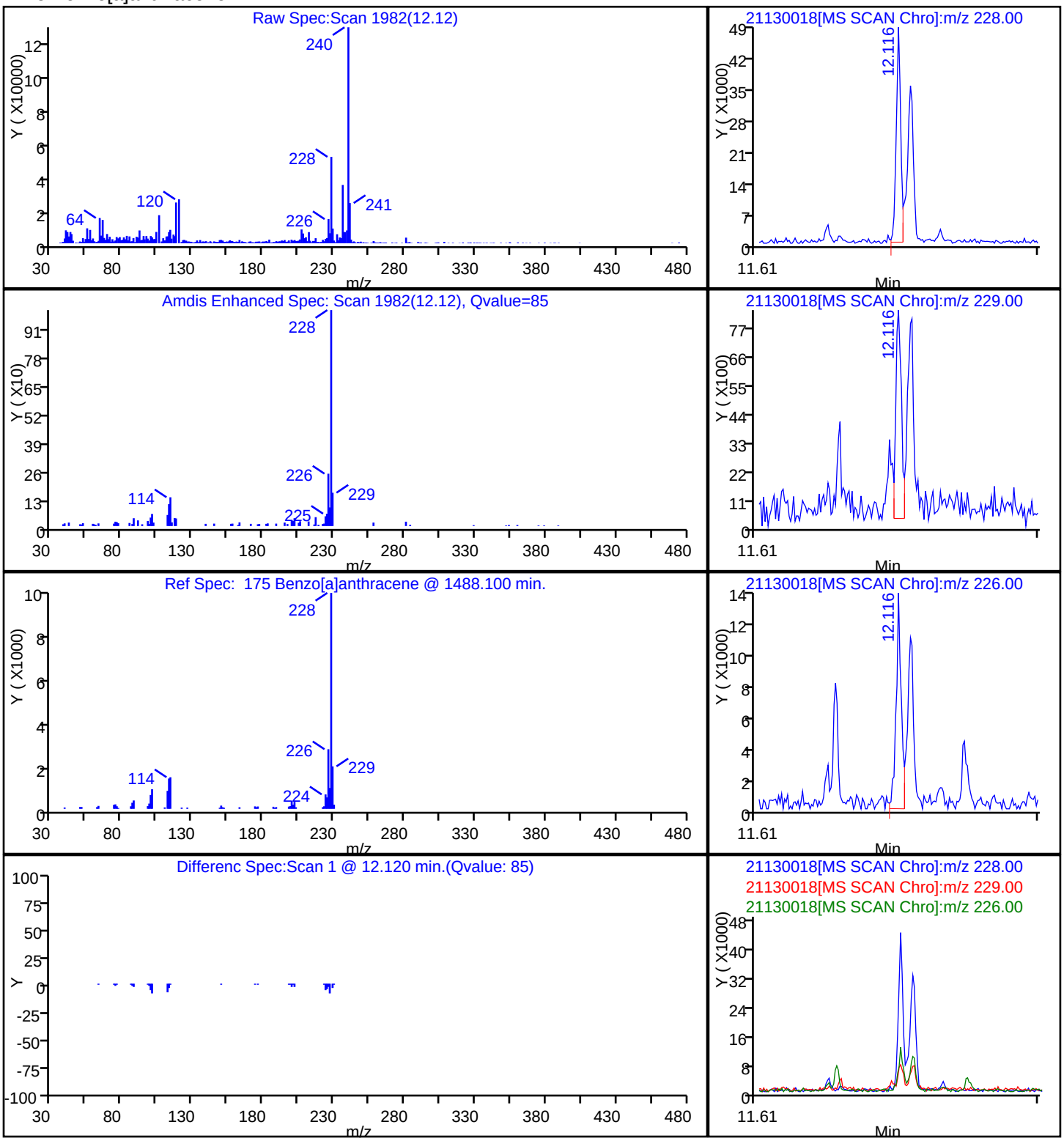
Report Date: 03-Dec-2012 10:36:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D

Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



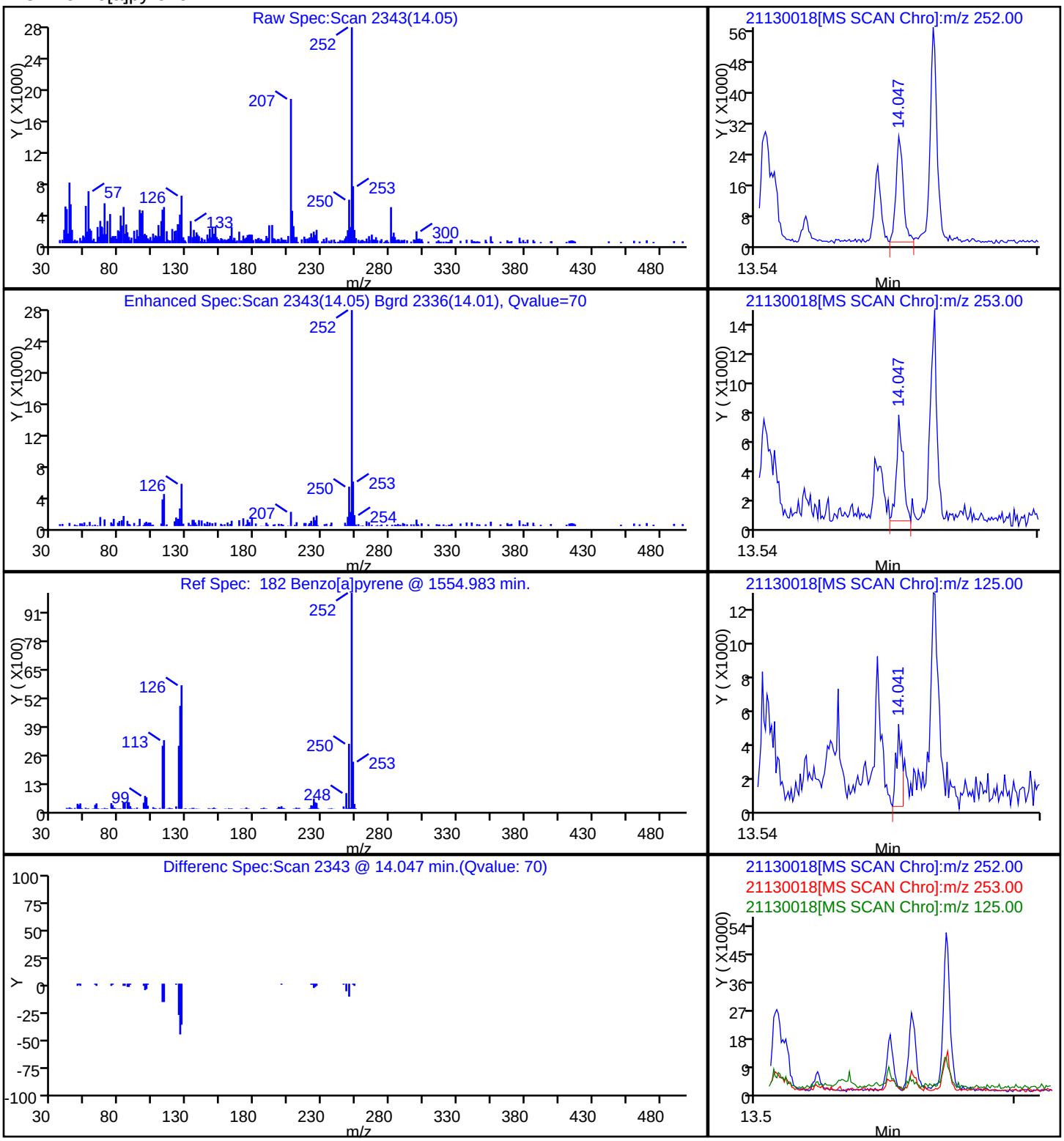
Report Date: 03-Dec-2012 10:36:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D

Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



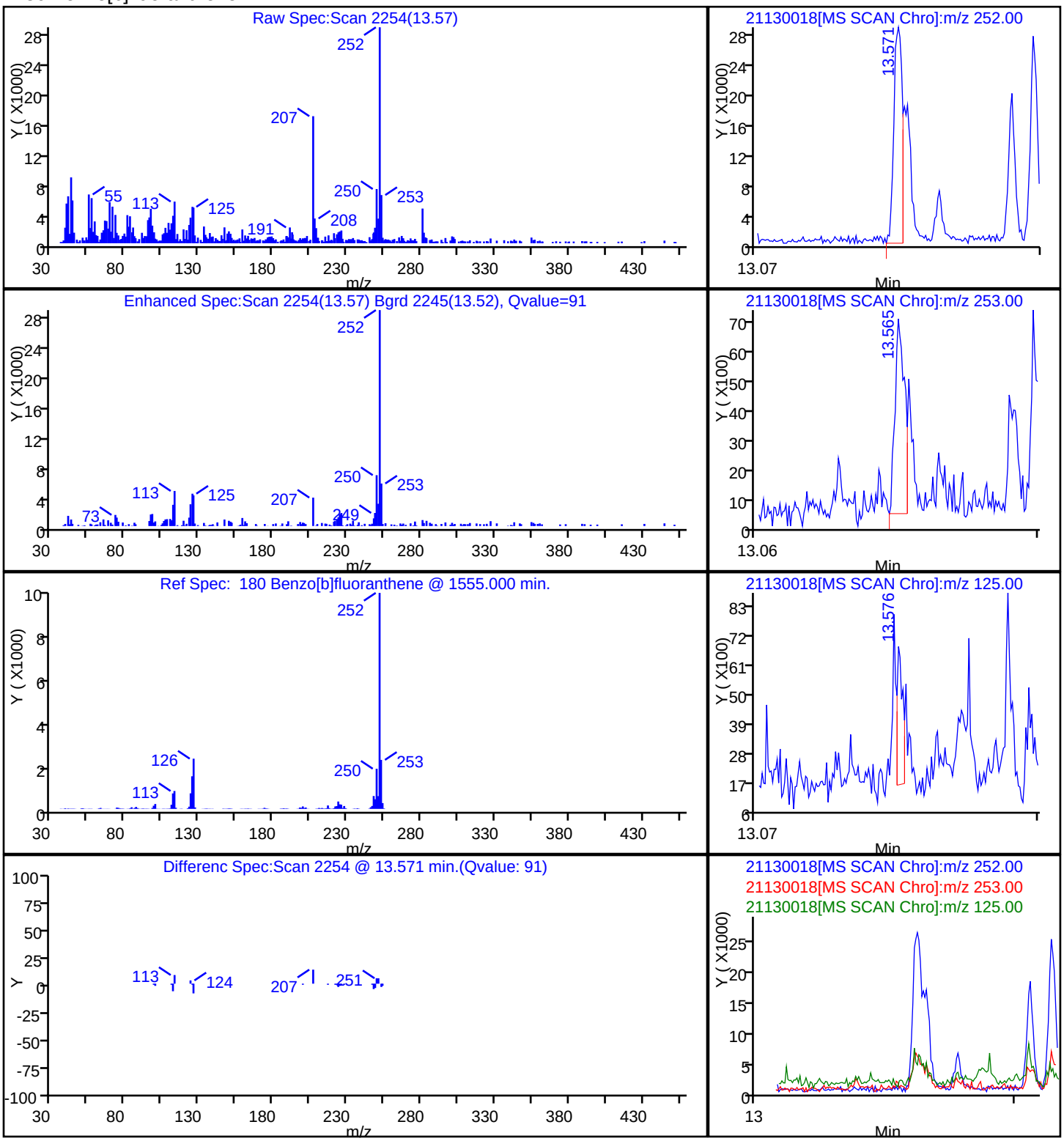
Report Date: 03-Dec-2012 10:36:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D

Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

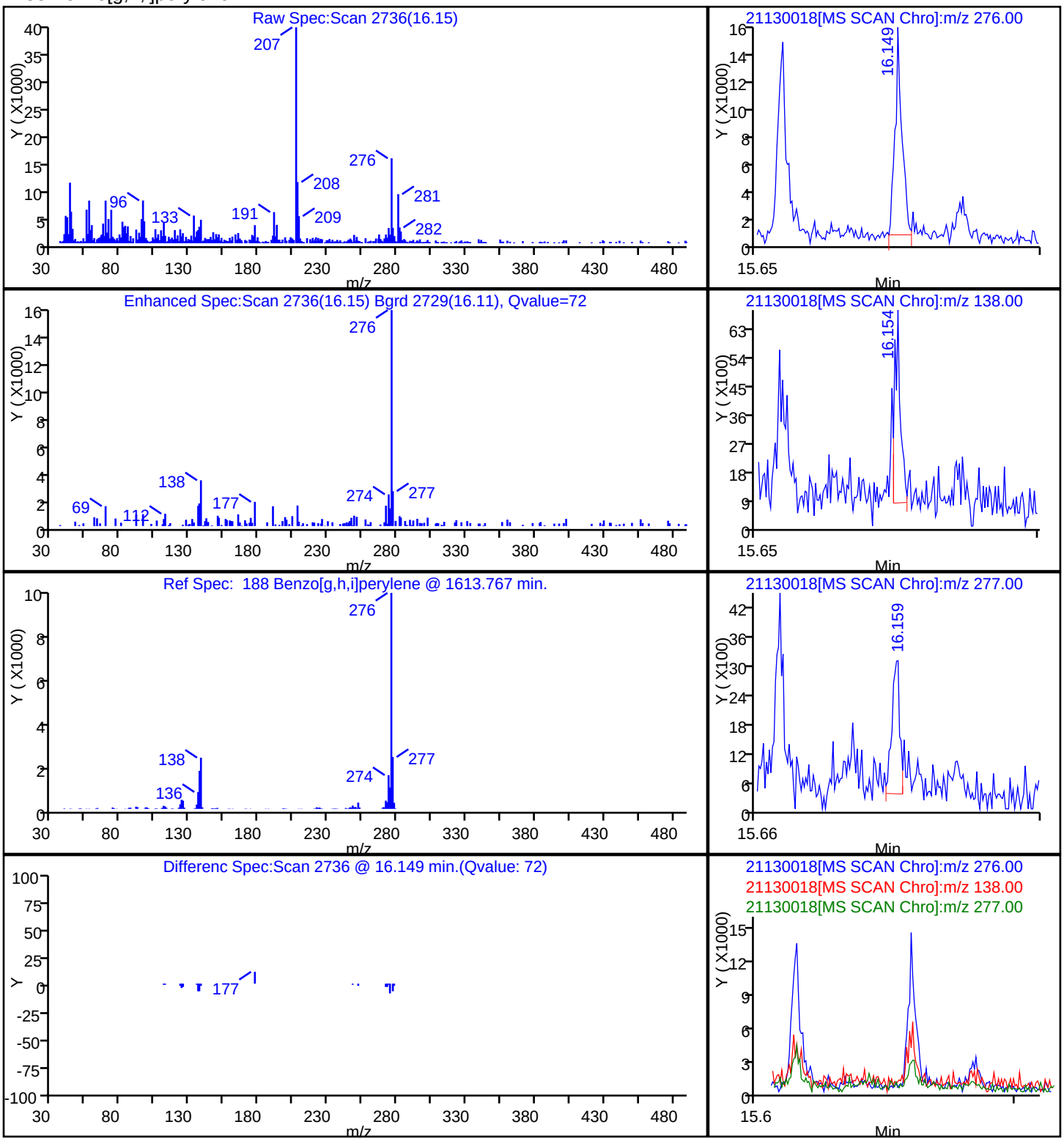


Report Date: 03-Dec-2012 10:36:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D		
Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

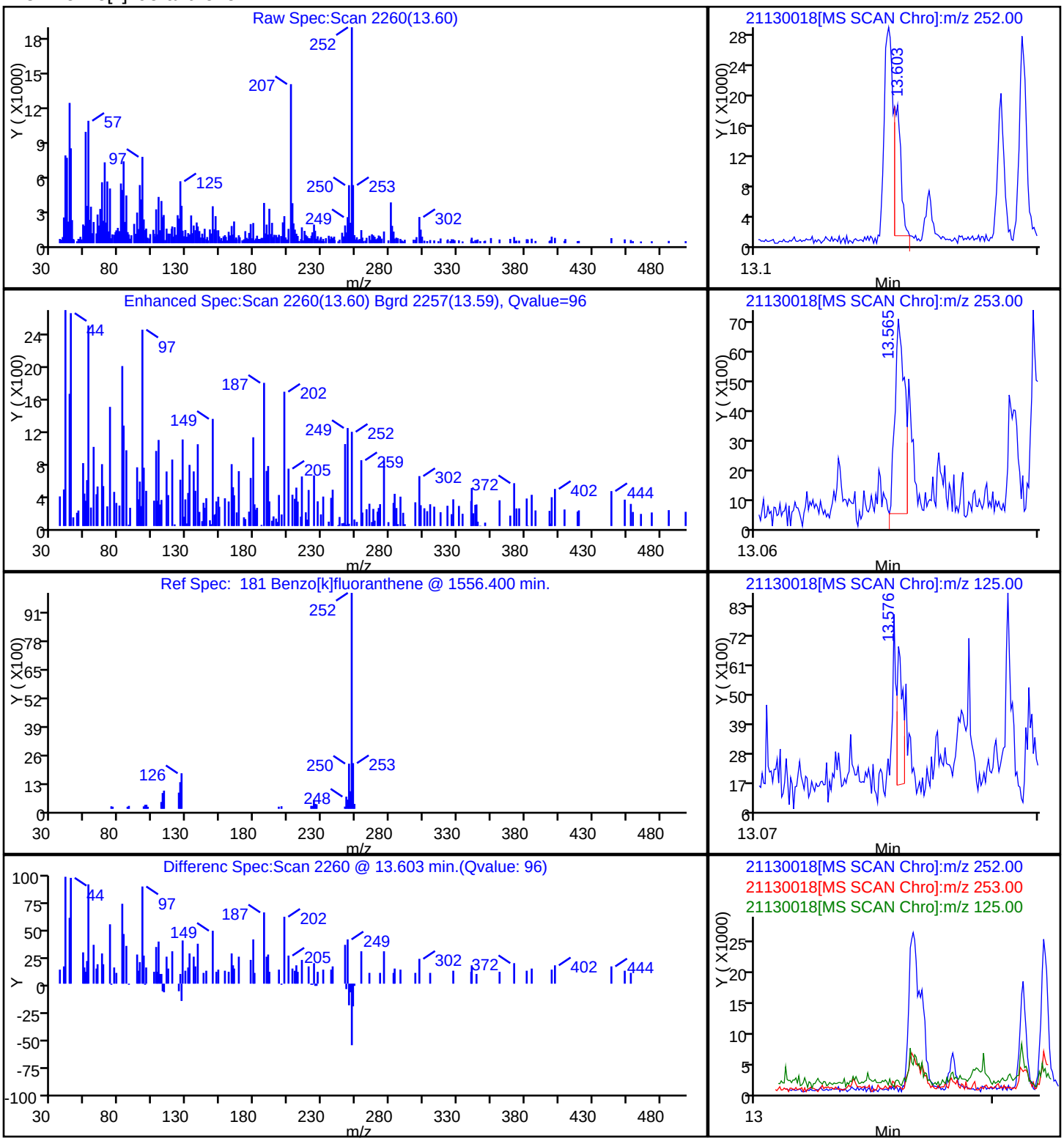


Report Date: 03-Dec-2012 10:36:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D		
Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



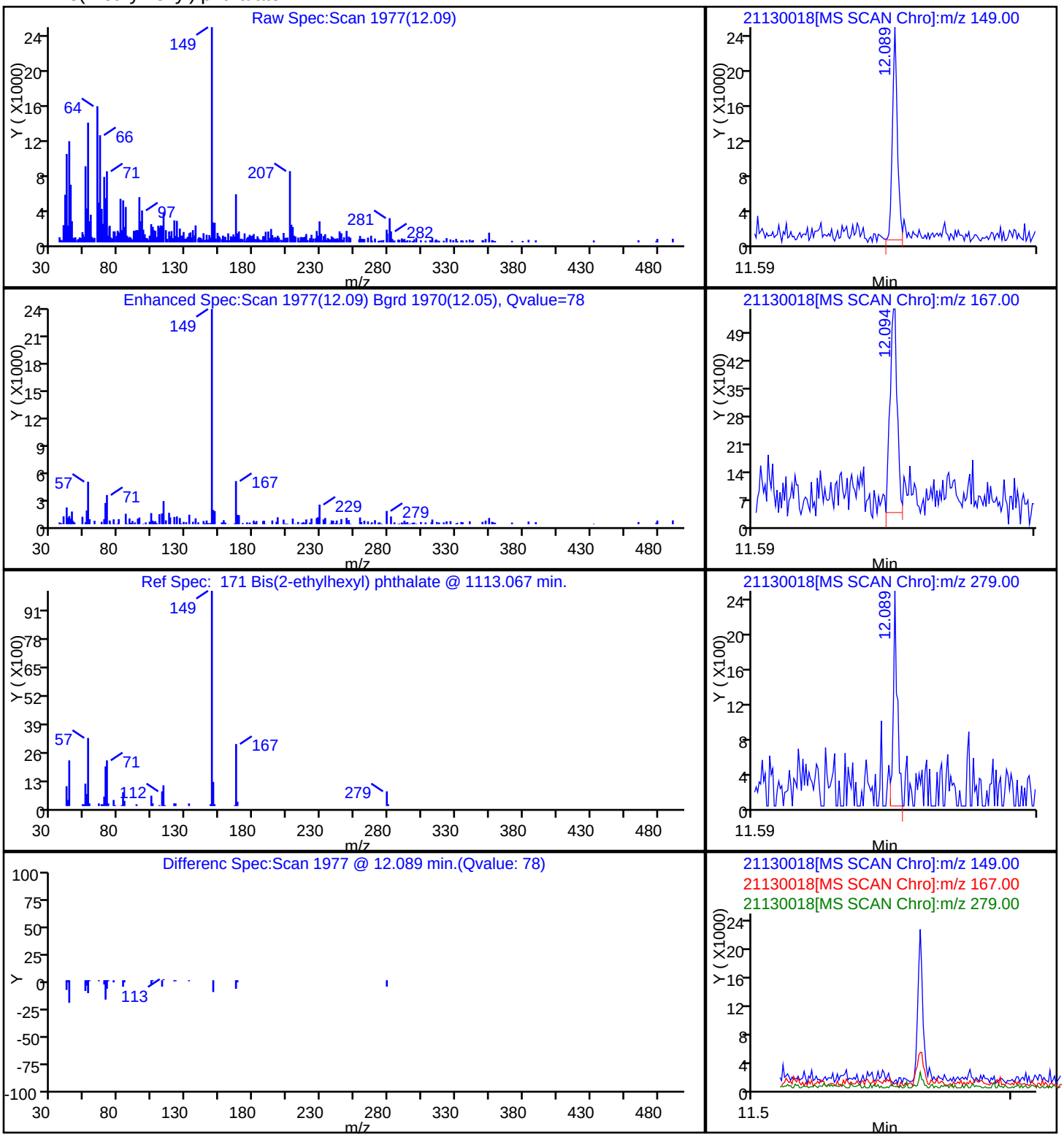
Report Date: 03-Dec-2012 10:36:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D

Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



Report Date: 03-Dec-2012 10:36:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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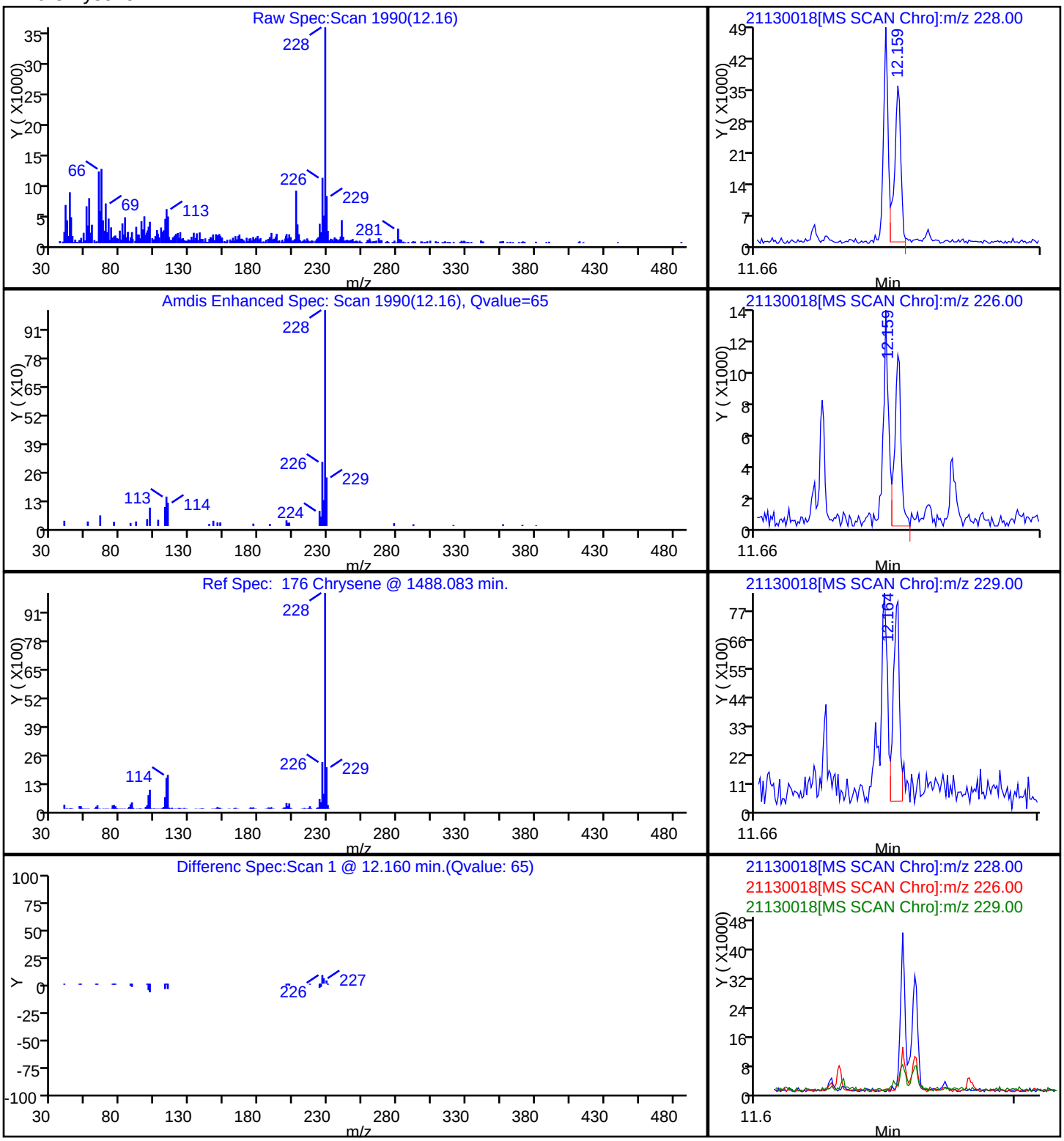
Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



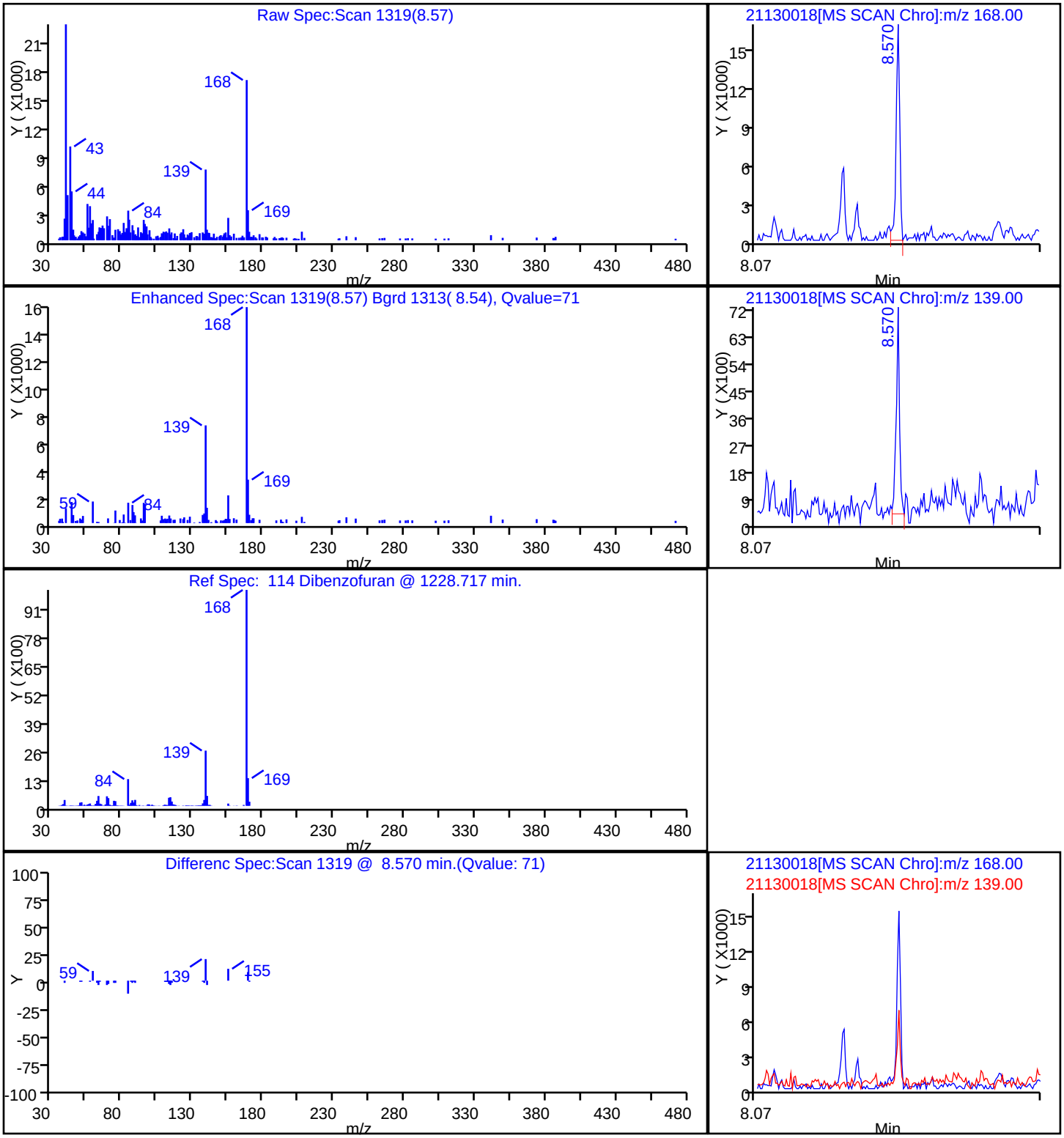
Report Date: 03-Dec-2012 10:36:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D

Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



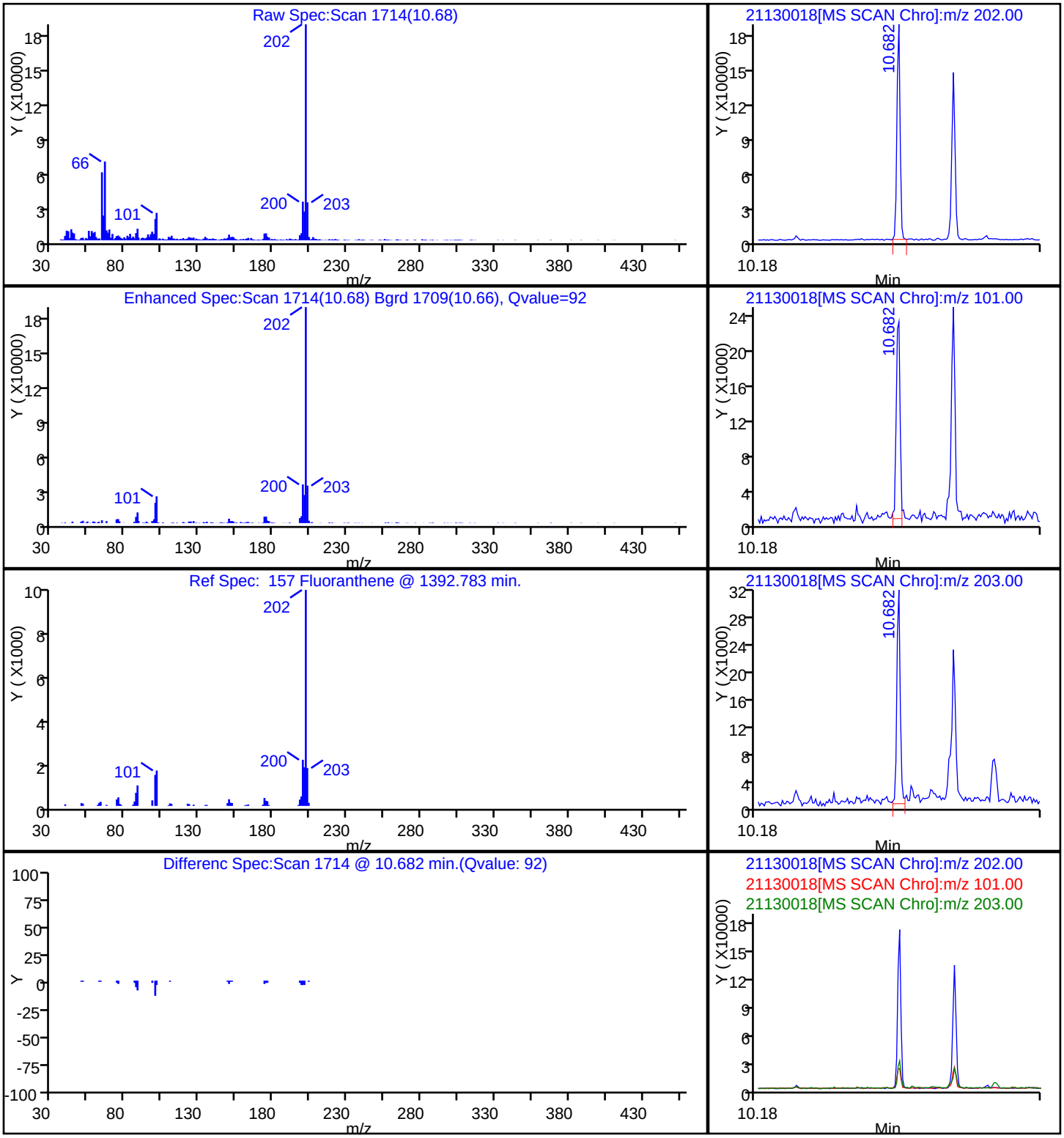
Report Date: 03-Dec-2012 10:36:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D

Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene

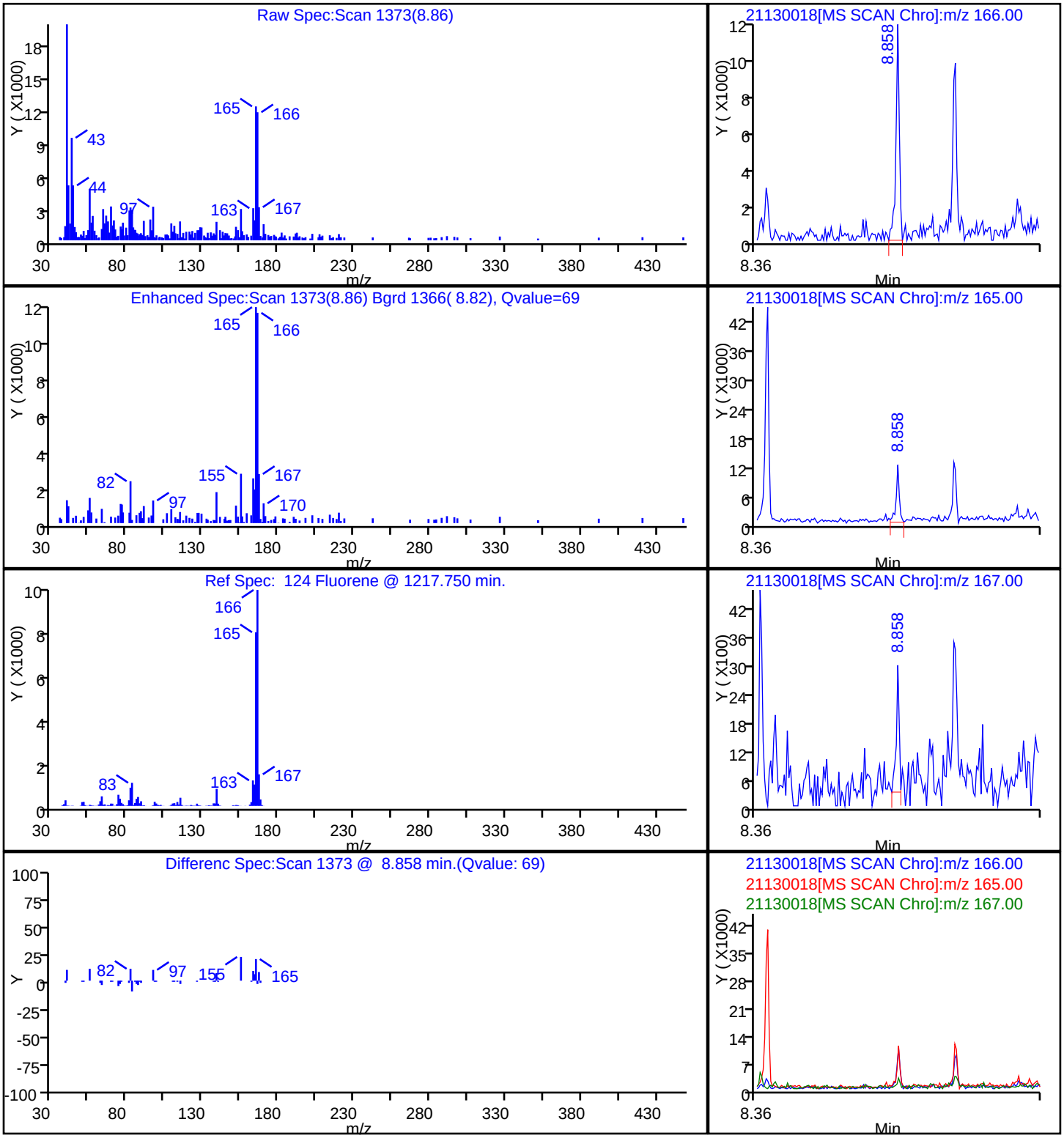


Report Date: 03-Dec-2012 10:36:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D		
Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene

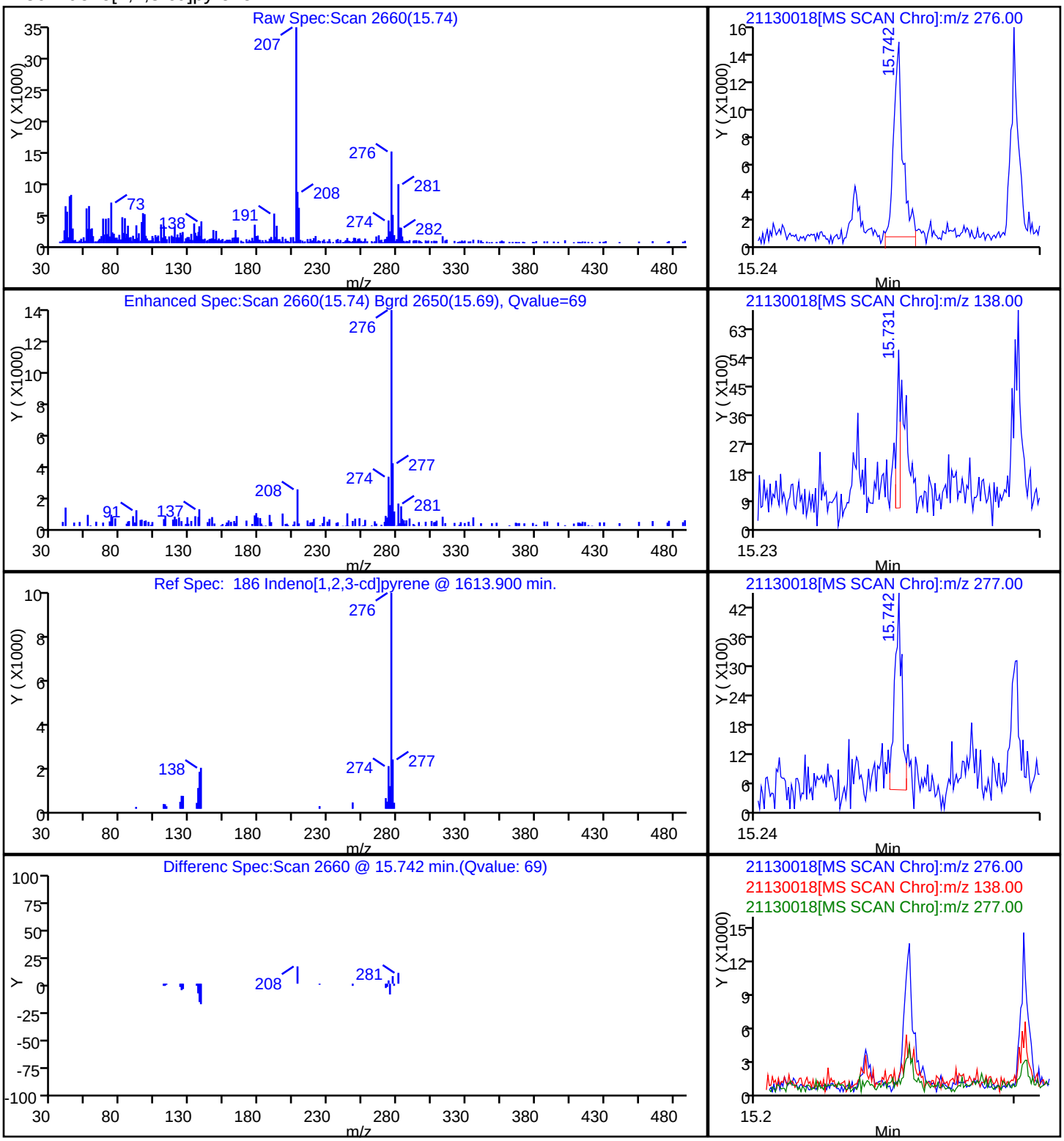


Report Date: 03-Dec-2012 10:36:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D		
Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



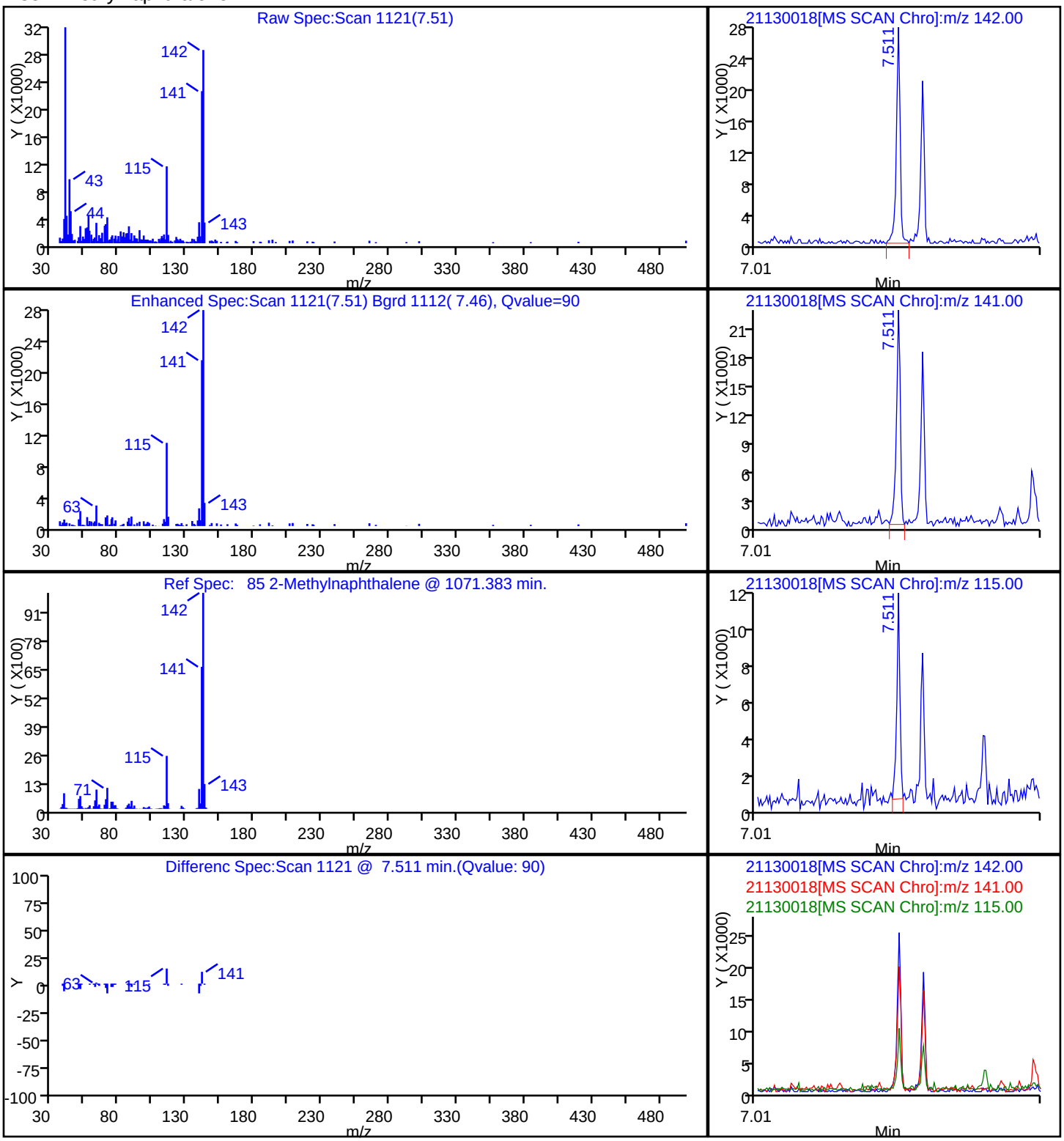
Report Date: 03-Dec-2012 10:36:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D

Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



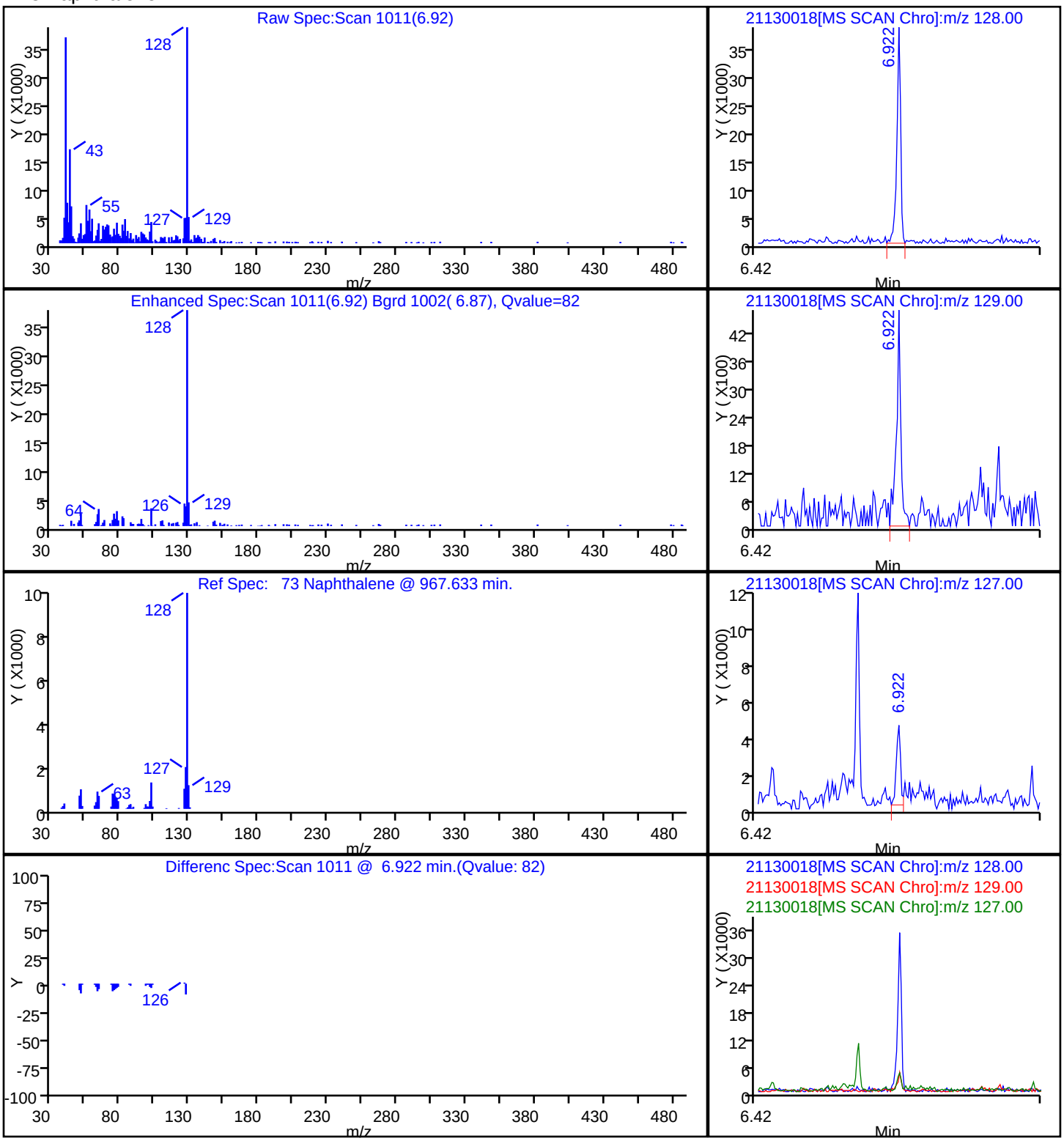
Report Date: 03-Dec-2012 10:36:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D

Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



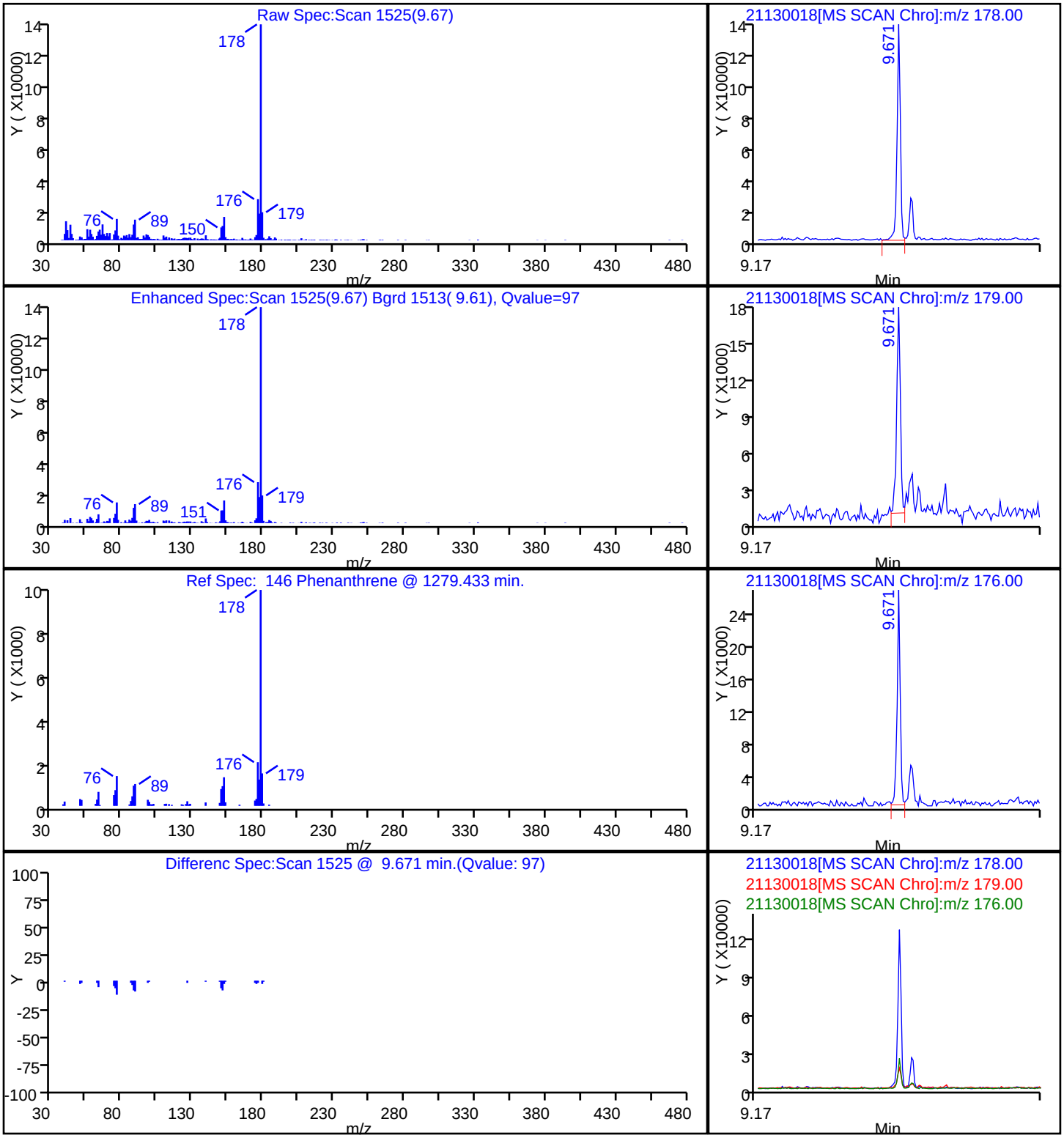
Report Date: 03-Dec-2012 10:36:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D

Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



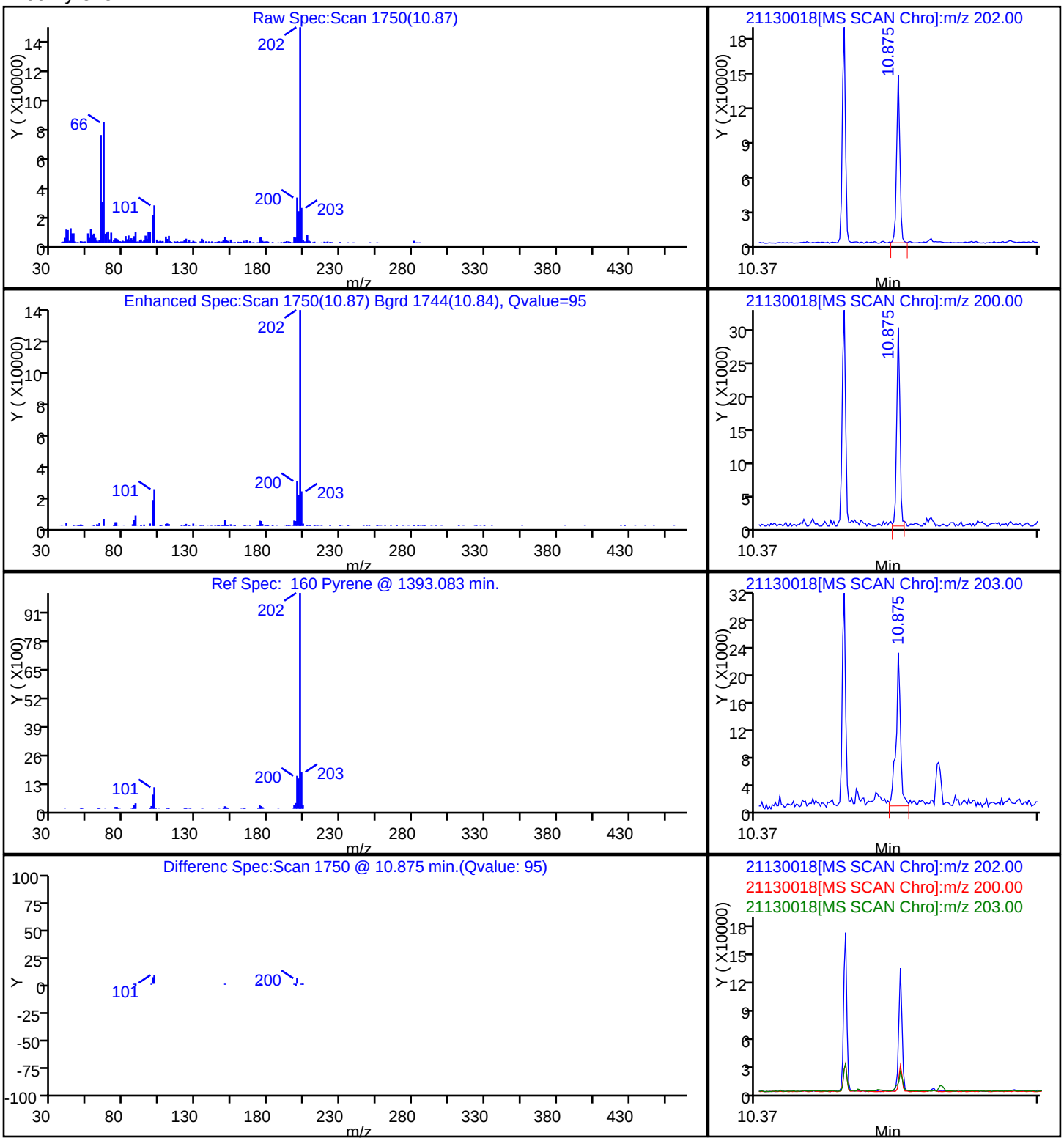
Report Date: 03-Dec-2012 10:36:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D

Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

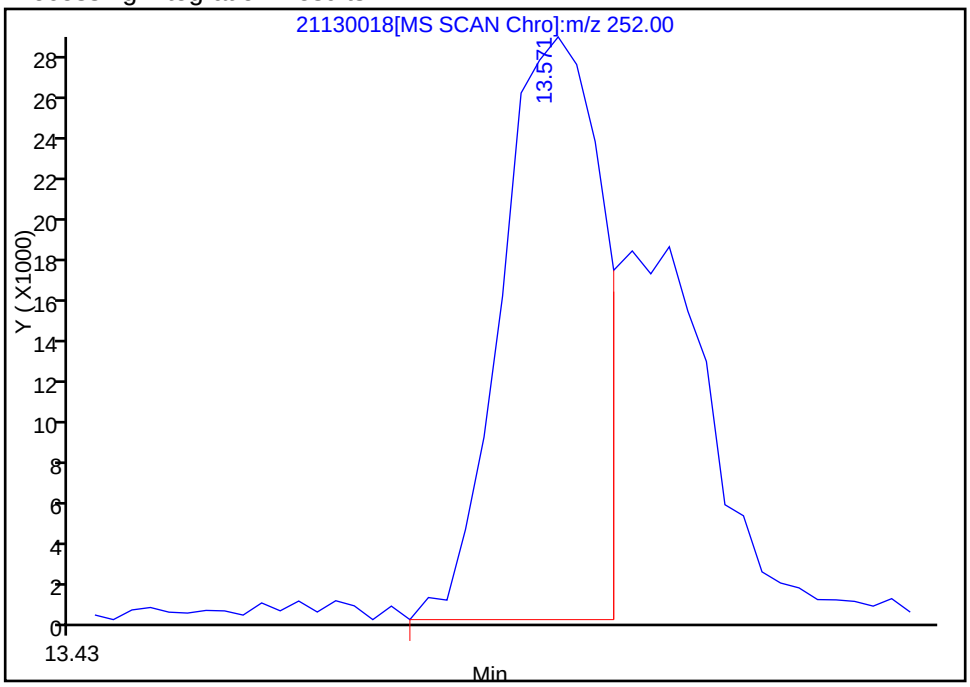
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D		
Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.61

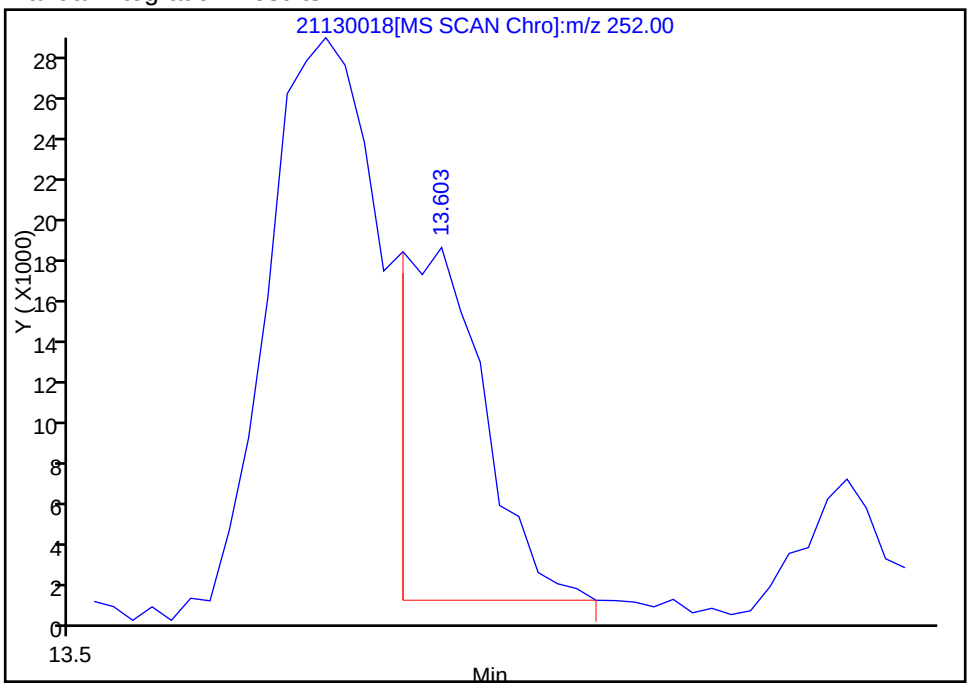
Processing Integration Results

RT: 13.57
Response: 58774
Amount: 0.369657



Manual Integration Results

RT: 13.60
Response: 28478
Amount: 0.179111



Reviewer: gruberj, 30-Nov-2012 15:28:23
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

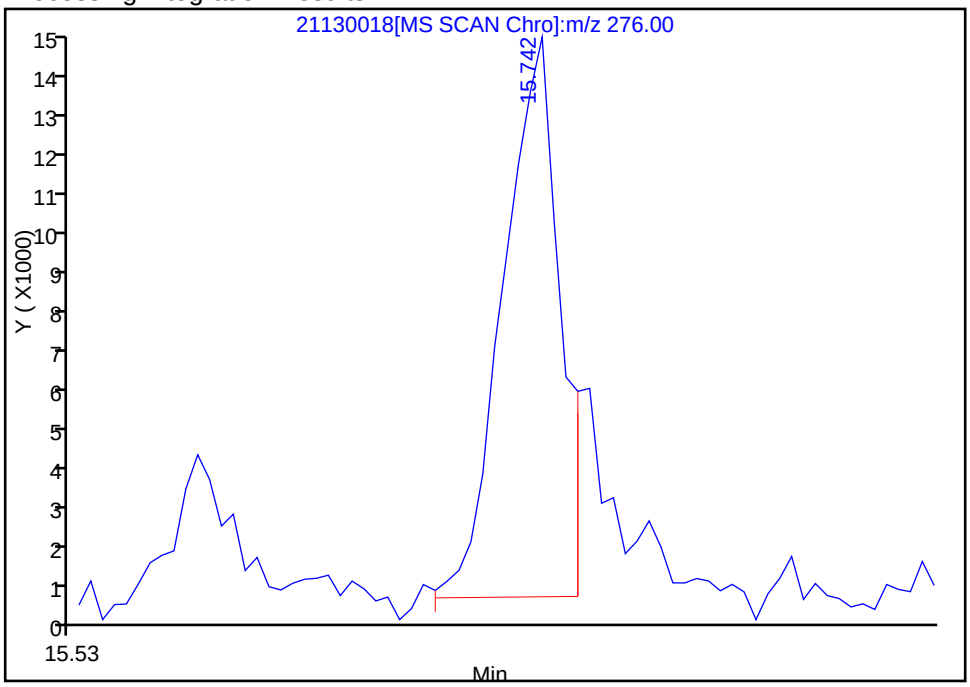
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130018.D		
Injection Date:	30-Nov-2012 15:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0032M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 15.74

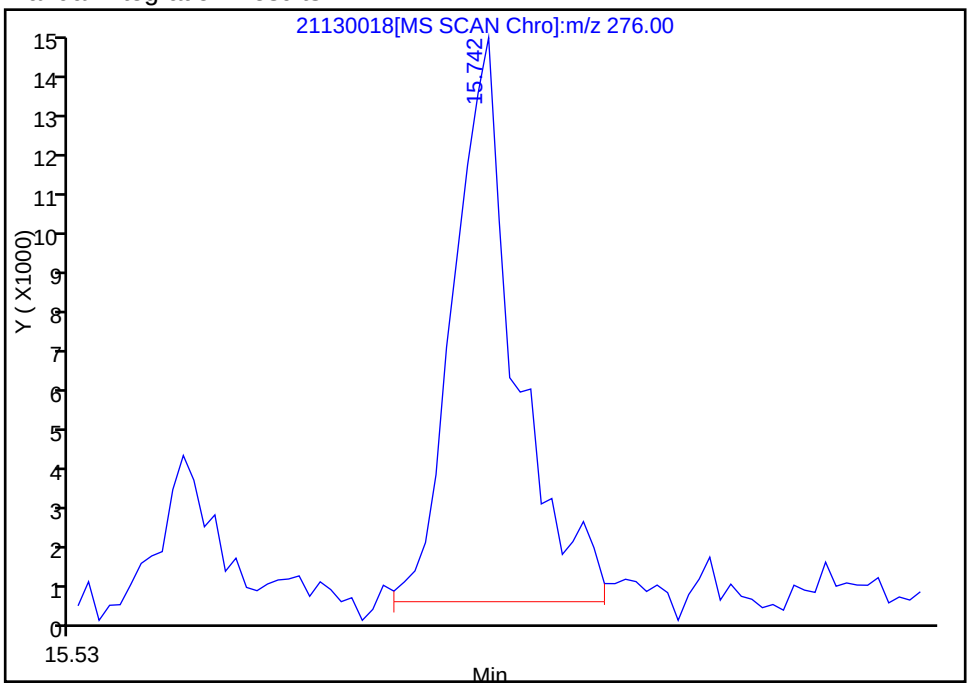
Processing Integration Results

RT: 15.74
Response: 24848
Amount: 0.233708



Manual Integration Results

RT: 15.74
Response: 30605
Amount: 0.269056



Reviewer: gruberj, 30-Nov-2012 15:28:23
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0033M-0001-SO | Lab Sample ID: 240-17768-20

Matrix: Solid | Lab File ID: 21130016.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 16:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.59(g) | Date Analyzed: 11/30/2012 14:17

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.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.8	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.8	3.3	3.3
120-12-7	Anthracene	3.3	U	6.8	3.3	3.3
56-55-3	Benzo[a]anthracene	11		6.8	3.3	3.3
50-32-8	Benzo[a]pyrene	16		6.8	3.3	3.3
205-99-2	Benzo[b]fluoranthene	12		6.8	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	7.9		6.8	3.3	3.3
65-85-0	Benzoic acid	340	U	670	340	340
207-08-9	Benzo[k]fluoranthene	10	M	6.8	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	32	J B	51	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	51	27	13
85-68-7	Butyl benzyl phthalate	27	U	51	27	10
86-74-8	Carbazole	27	U	51	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	51	3.3	3.3
95-57-8	2-Chlorophenol	27	U	51	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	51	27	13
218-01-9	Chrysene	13		6.8	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.8	3.3	3.3
132-64-9	Dibenzofuran	11	J	51	3.3	3.3
95-50-1	1,2-Dichlorobenzene	27	U	51	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	51	27	11
106-46-7	1,4-Dichlorobenzene	27	U	51	27	20
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	51	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	51	27	17
84-74-2	Di-n-butyl phthalate	27	U	51	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0033M-0001-SO | Lab Sample ID: 240-17768-20

Matrix: Solid | Lab File ID: 21130016.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 16:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.59(g) | Date Analyzed: 11/30/2012 14:17

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.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	51	27	27
206-44-0	Fluoranthene	23		6.8	3.3	3.3
86-73-7	Fluorene	3.3	U	6.8	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.8	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	51	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	51	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	10		6.8	3.3	3.3
78-59-1	Isophorone	27	U	51	27	13
91-57-6	2-Methylnaphthalene	54		6.8	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	410	81	20
91-20-3	Naphthalene	48		6.8	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	51	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	51	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	51	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	23		6.8	3.3	3.3
108-95-2	Phenol	27	U	51	27	27
129-00-0	Pyrene	18		6.8	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	51	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0033M-0001-SO | Lab Sample ID: 240-17768-20

Matrix: Solid | Lab File ID: 21130016.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 16:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.59(g) | Date Analyzed: 11/30/2012 14:17

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.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	62		45-105
367-12-4	2-Fluorophenol (Surr)	64		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	67		35-100
4165-62-2	Phenol-d5 (Surr)	65		40-100
1718-51-0	Terphenyl-d14 (Surr)	68		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	71		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D		
Lims ID:	240-17768-E-20-D	Client ID:	076SB-0033M-0001-SO
Inject. Date:	30-Nov-2012 14:17:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015418-016		
Misc. Info.:	240-17768-e-20-d		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	66878	Lims Sample ID:	16
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m		
Last Update:	03-Dec-2012 10:35:45	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:	XAWRK014		
First Level Reviewer: gruberj		Date:	30-Nov-2012 14:55:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.794	5.778	0.016	96	139981	4.00	
* 2 Naphthalene-d8	136	6.906	6.901	0.005	99	523498	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	93	301144	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	98	530991	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.005	97	546972	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	96	495243	4.00	
$ 7 2-Fluorophenol	112	4.671	4.494	0.177	94	414595	9.58	
$ 8 Phenol-d5	99	5.457	5.425	0.032	96	536250	9.76	
$ 9 Nitrobenzene-d5	82	6.281	6.270	0.011	89	308802	6.71	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	100	607202	6.22	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	93	133035	10.7	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	686086	6.77	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					9
46 2-Chlorophenol	128		5.585					9
47 1,3-Dichlorobenzene	146		5.724					
48 1,4-Dichlorobenzene	146	5.810	5.794	0.016	56	7308	0.1442	
49 Benzyl alcohol	108		5.895					9
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					9
52 2,2'-oxybis[1-chloropropane]	45		6.019					9
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					
60 Hexachloroethane	117		6.238					
61 Nitrobenzene	77		6.291					
63 Isophorone	82		6.495					
65 2-Nitrophenol	139		6.569					9
64 2,4-Dimethylphenol	107		6.591					9
69 Benzoic acid	122		6.660					
68 Bis(2-chloroethoxy)methane	93		6.676					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128	6.928	6.922	0.006	96	91977	0.7032	
74 4-Chloroaniline	127		6.960					
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					
85 2-Methylnaphthalene	142	7.516	7.511	0.005	90	66633	0.7964	
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					
91 2,4,5-Trichlorophenol	196		7.778					
98 2-Chloronaphthalene	162		7.928					9
100 2-Nitroaniline	65		8.003					9
103 Dimethyl phthalate	163		8.147					9
105 2,6-Dinitrotoluene	165		8.201					
107 Acenaphthylene	152		8.281					
108 3-Nitroaniline	138		8.351					
110 Acenaphthene	153		8.425					9
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					9
112 2,4-Dinitrotoluene	165		8.543					
114 Dibenzofuran	168	8.570	8.570	0.0	87	19554	0.1595	
119 Diethyl phthalate	149		8.736					
121 4-Chlorophenyl phenyl ether	204		8.848					
124 Fluorene	166		8.859					
123 4-Nitroaniline	138		8.864					9
126 4,6-Dinitro-2-methylphenol	198		8.885					
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					
146 Phenanthrene	178	9.672	9.672	0.0	94	48736	0.3360	
147 Anthracene	178		9.714					
149 Carbazole	167		9.843					
151 Di-n-butyl phthalate	149	10.105	10.105	0.0	90	22173	0.1410	
157 Fluoranthene	202	10.677	10.677	0.0	94	53665	0.3350	
160 Pyrene	202	10.875	10.875	0.0	93	45554	0.2610	
166 Butyl benzyl phthalate	149		11.447					
173 3,3'-Dichlorobenzidine	252		12.068					9
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	90	28948	0.4798	
175 Benzo[a]anthracene	228	12.116	12.116	0.0	47	24132	0.1581	
176 Chrysene	228	12.159	12.164	-0.005	70	26933	0.1851	
178 Di-n-octyl phthalate	149		12.961					
180 Benzo[b]fluoranthene	252	13.571	13.565	0.006	89	28263	0.1789	
181 Benzo[k]fluoranthene	252	13.587	13.608	-0.021	92	26540	0.1546	M
182 Benzo[a]pyrene	252	14.047	14.052	-0.005	65	20269	0.2398	
186 Indeno[1,2,3-cd]pyrene	276	15.737	15.742	-0.005	72	12220	0.1506	
187 Dibenz(a,h)anthracene	278		15.769					
188 Benzo[g,h,i]perylene	276	16.143	16.154	-0.011	79	16621	0.1172	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

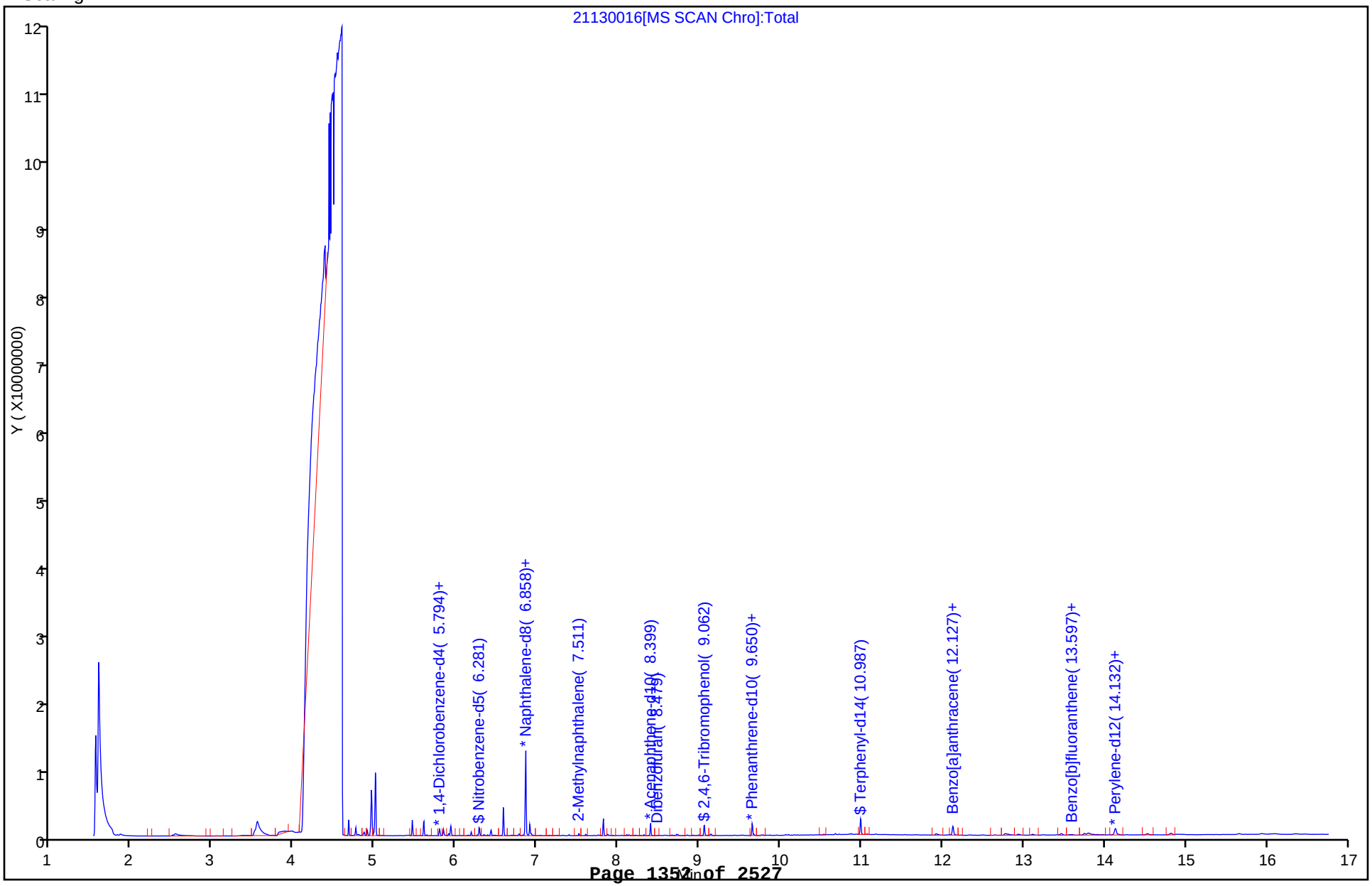
Review Flags
M - Manually Integrated

Report Date: 03-Dec-2012 10:36:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D		
Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



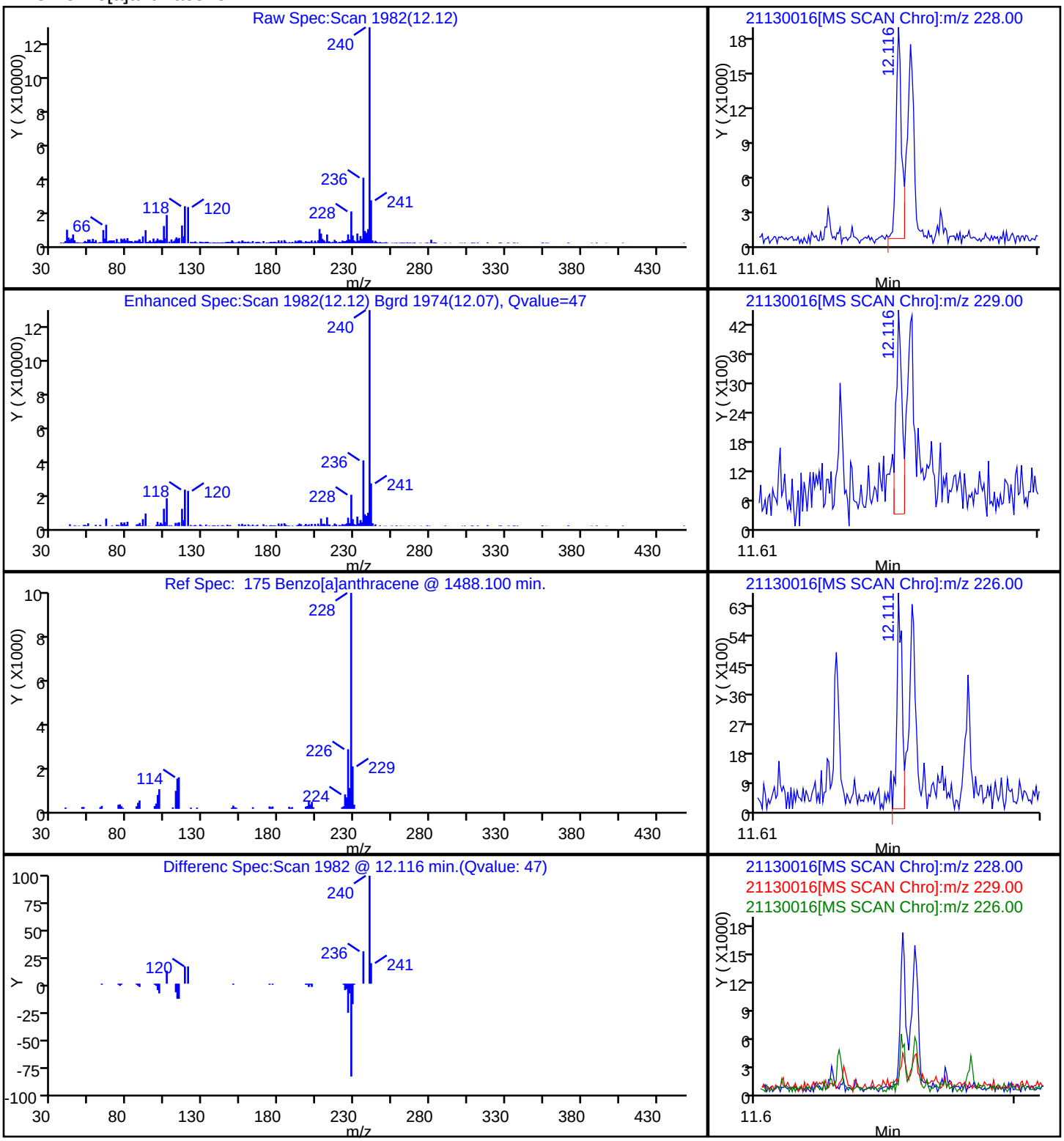
Report Date: 03-Dec-2012 10:36:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D

Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

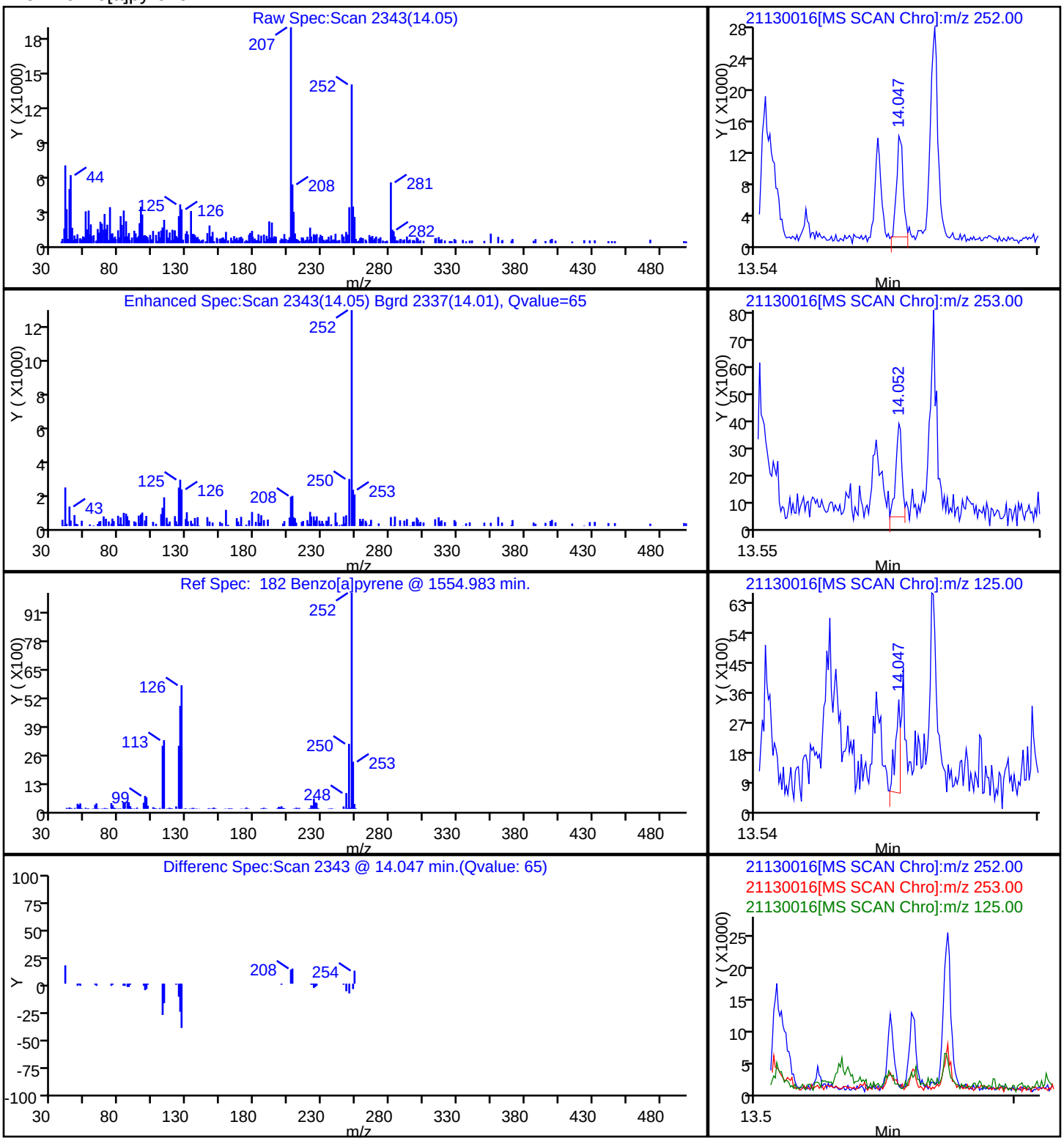


Report Date: 03-Dec-2012 10:36:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D		
Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



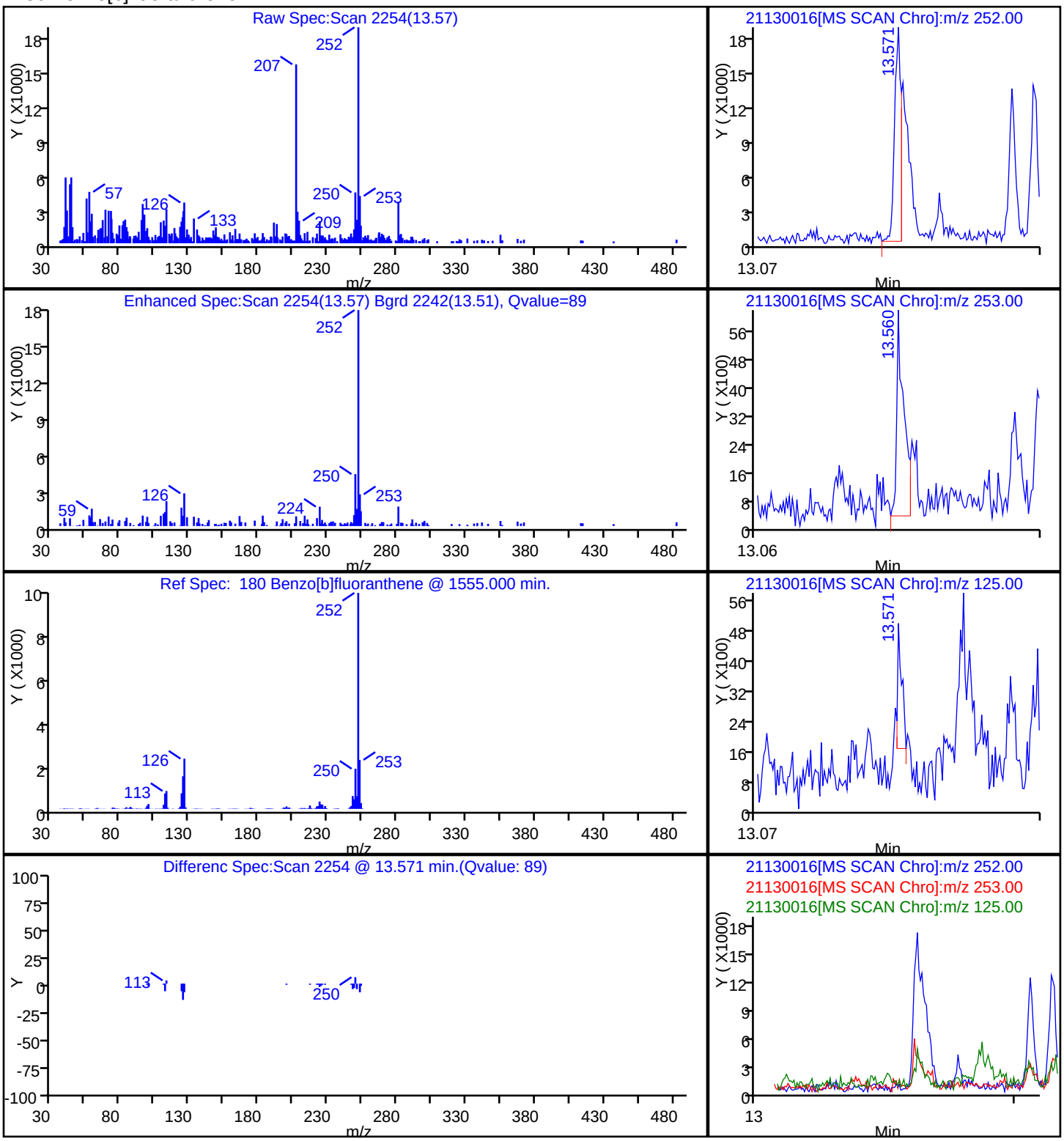
Report Date: 03-Dec-2012 10:36:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D

Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

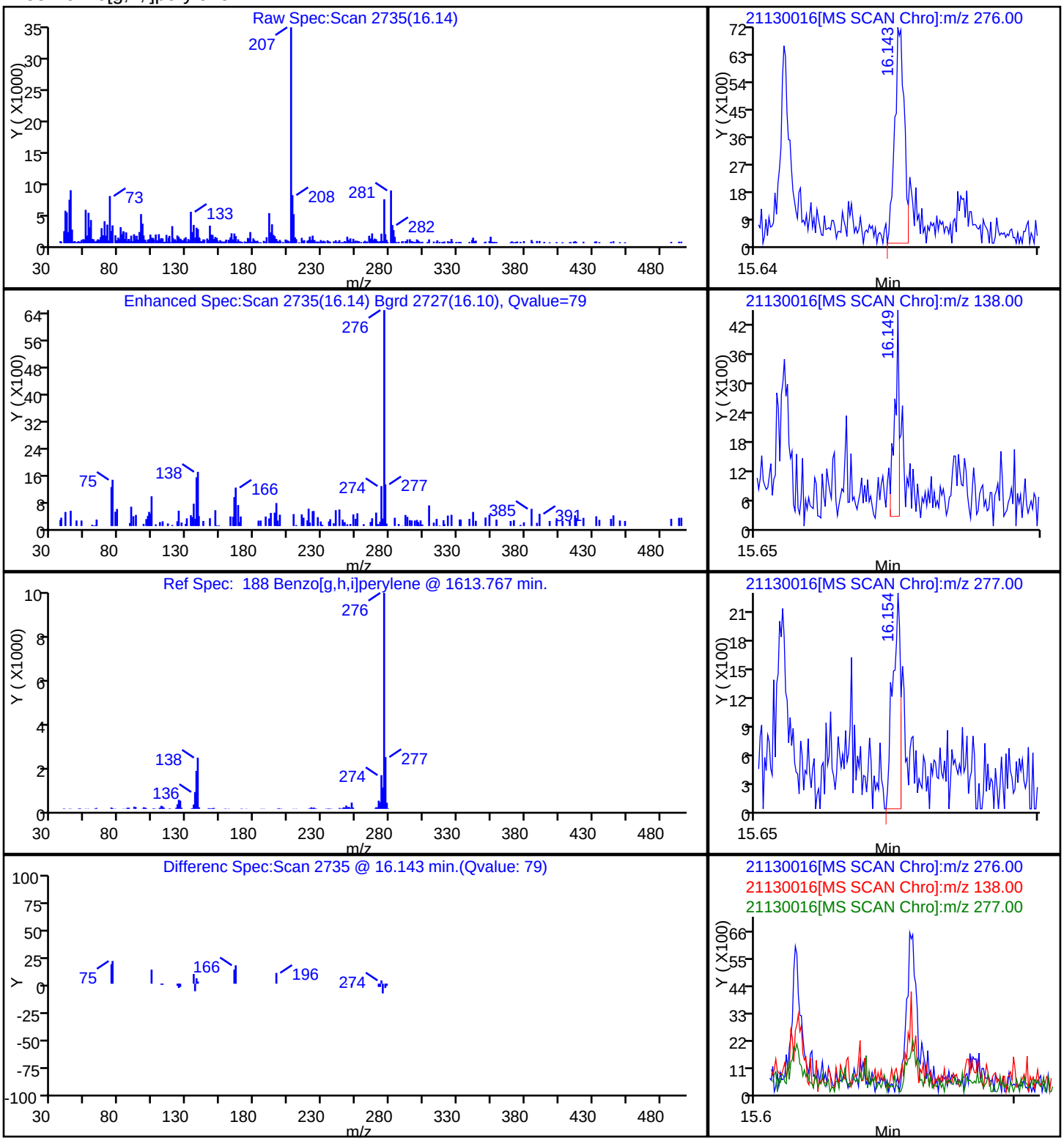


Report Date: 03-Dec-2012 10:36:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D		
Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

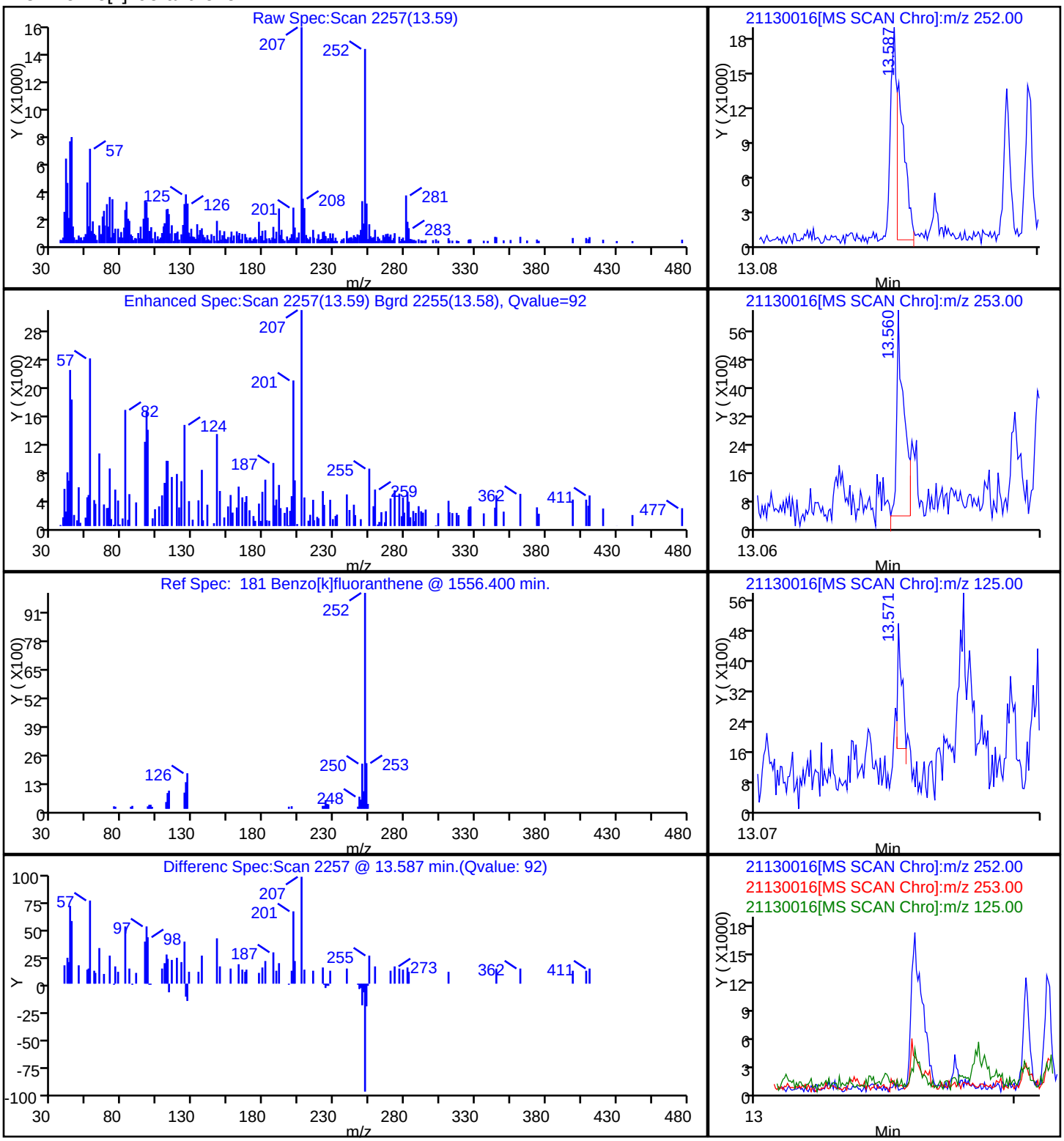


Report Date: 03-Dec-2012 10:36:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D		
Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

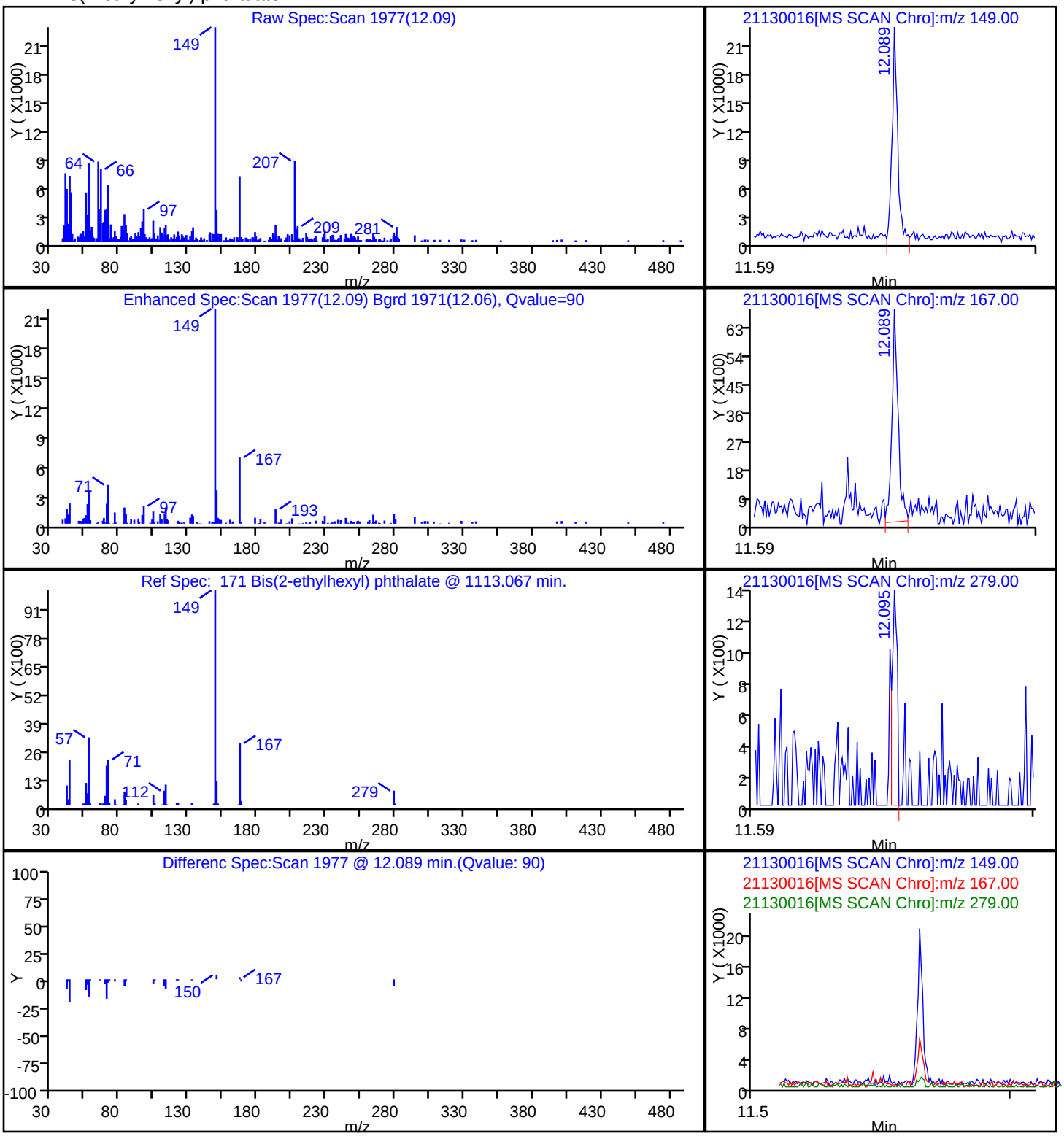


Report Date: 03-Dec-2012 10:36:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D		
Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



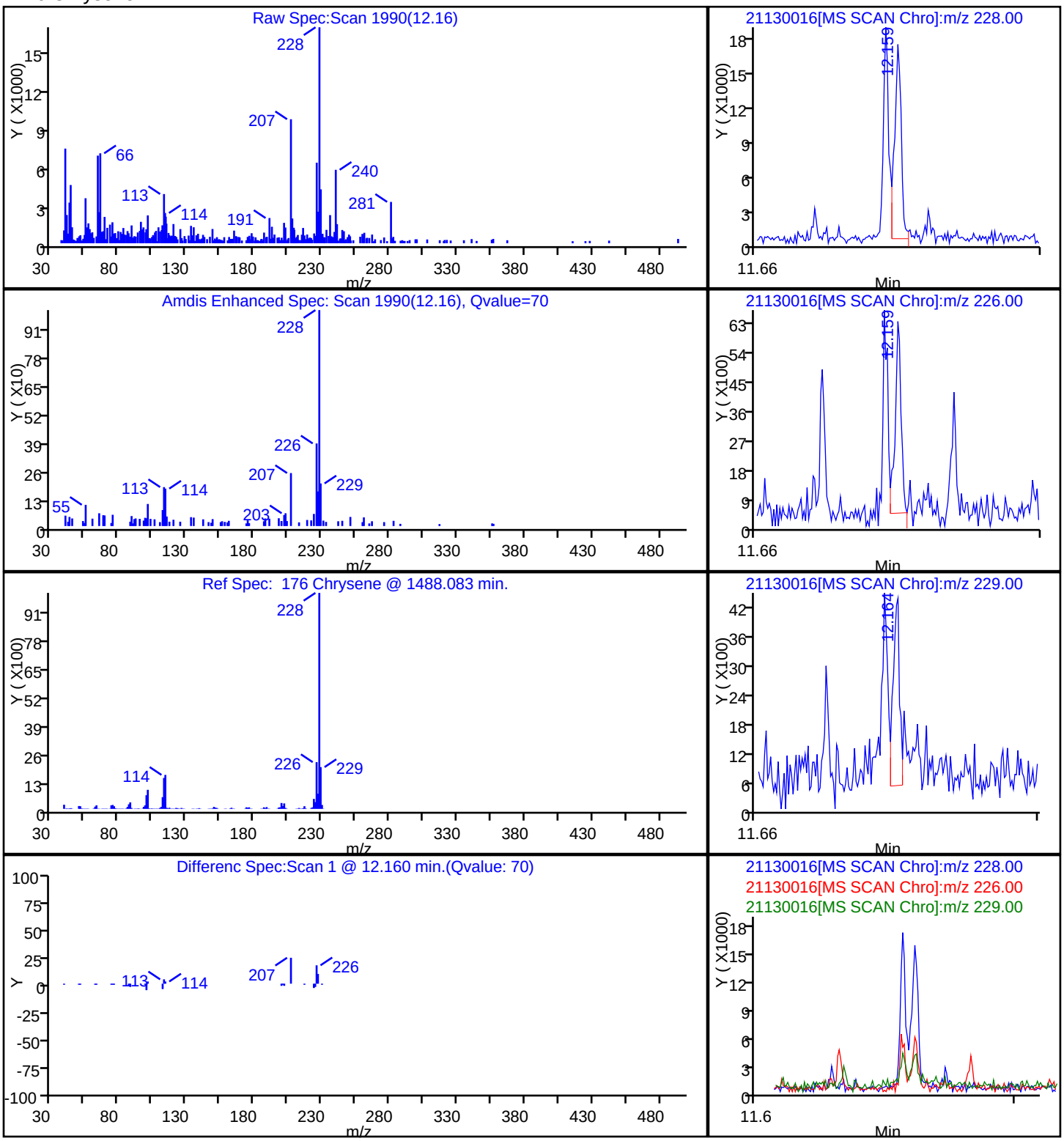
Report Date: 03-Dec-2012 10:36:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D

Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



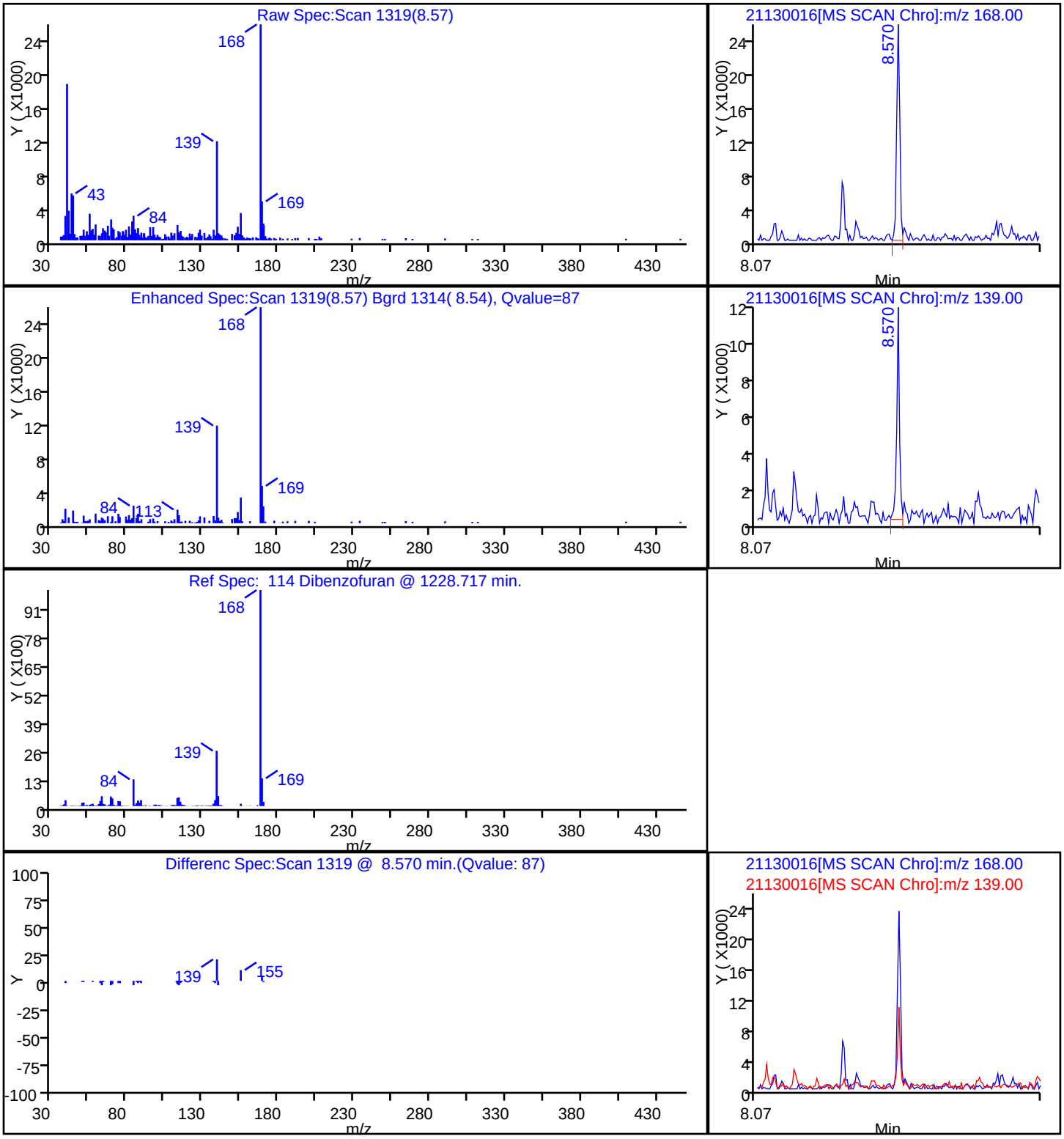
Report Date: 03-Dec-2012 10:36:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D

Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



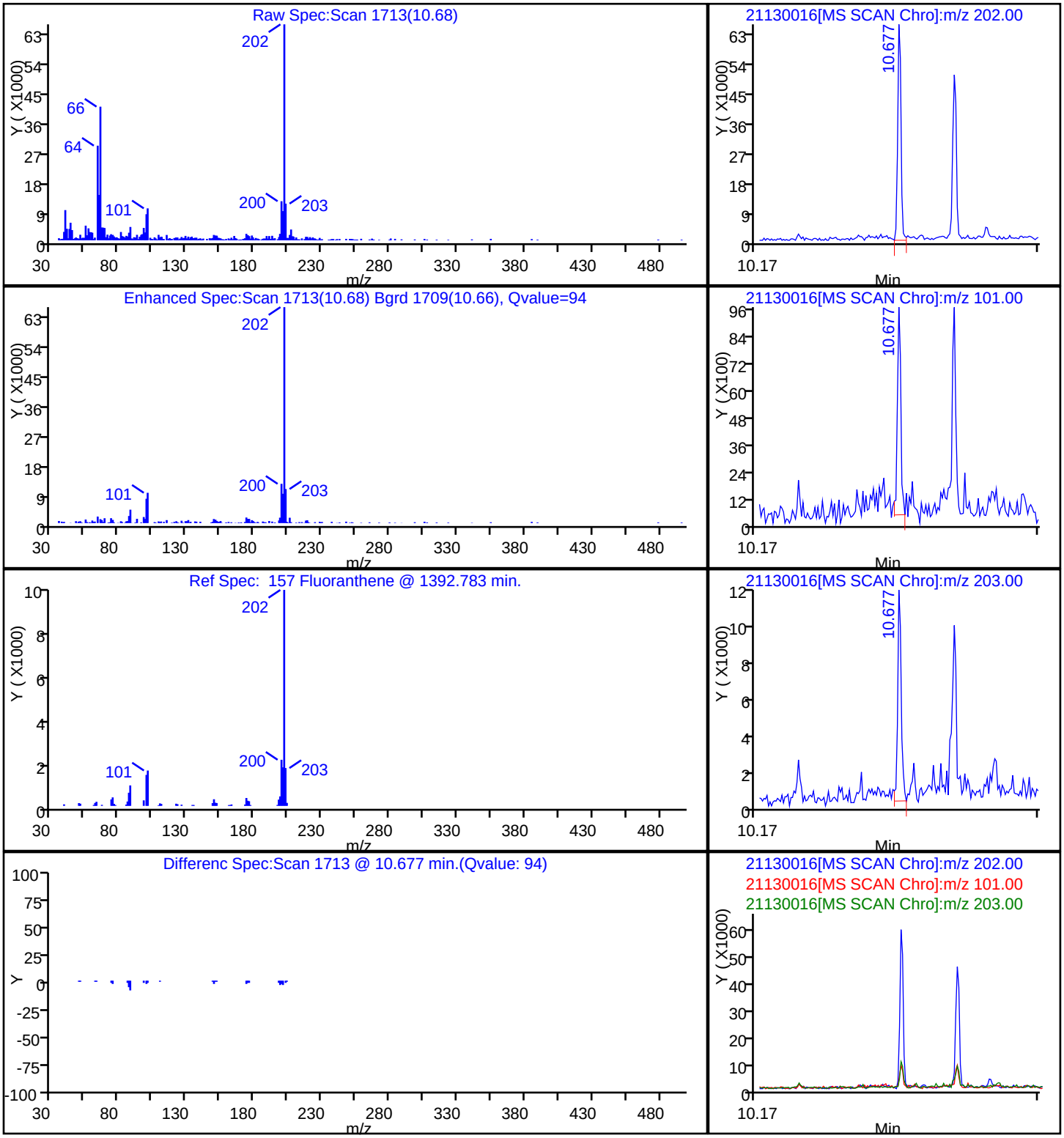
Report Date: 03-Dec-2012 10:36:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D

Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene

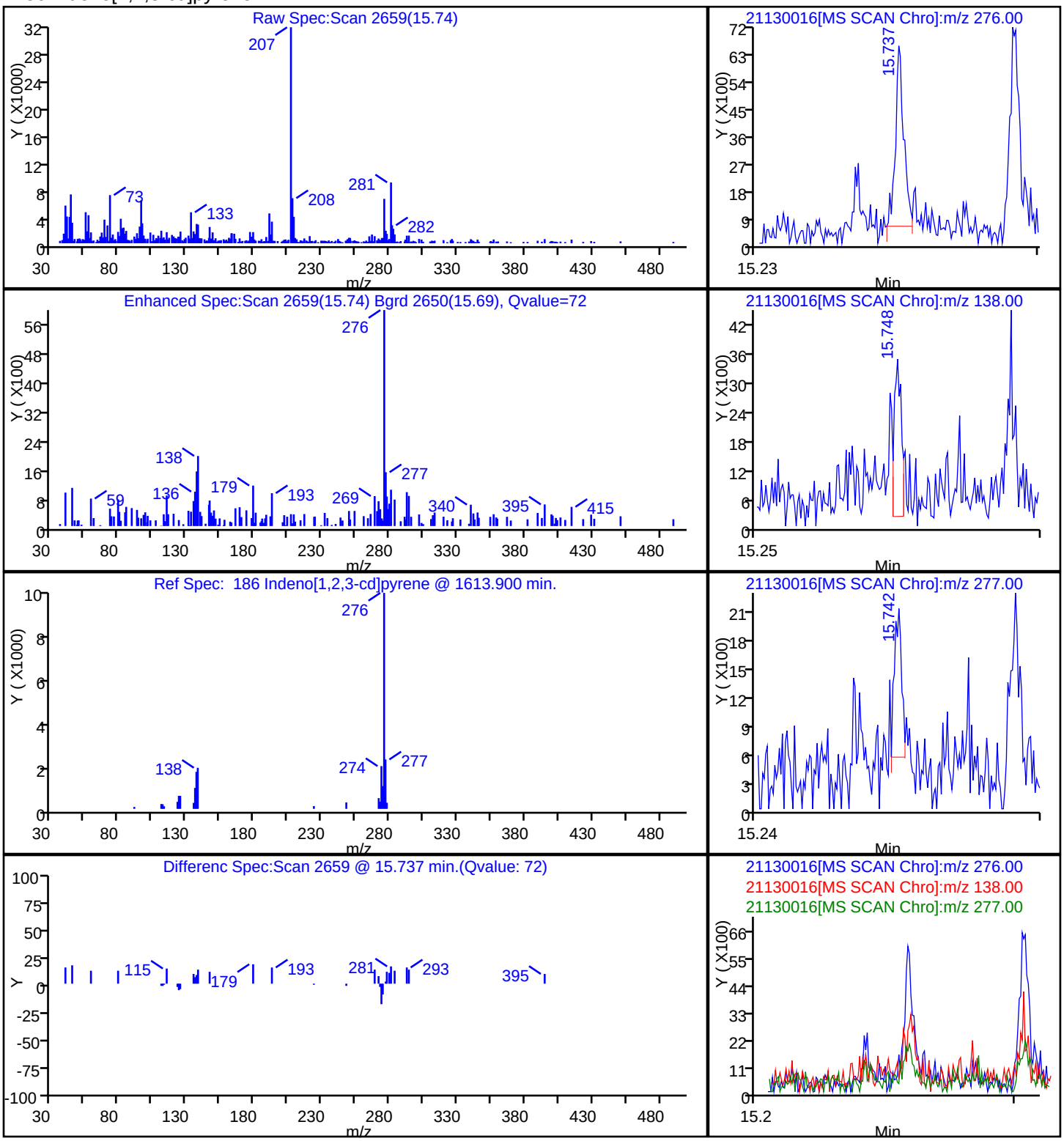


Report Date: 03-Dec-2012 10:36:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D		
Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



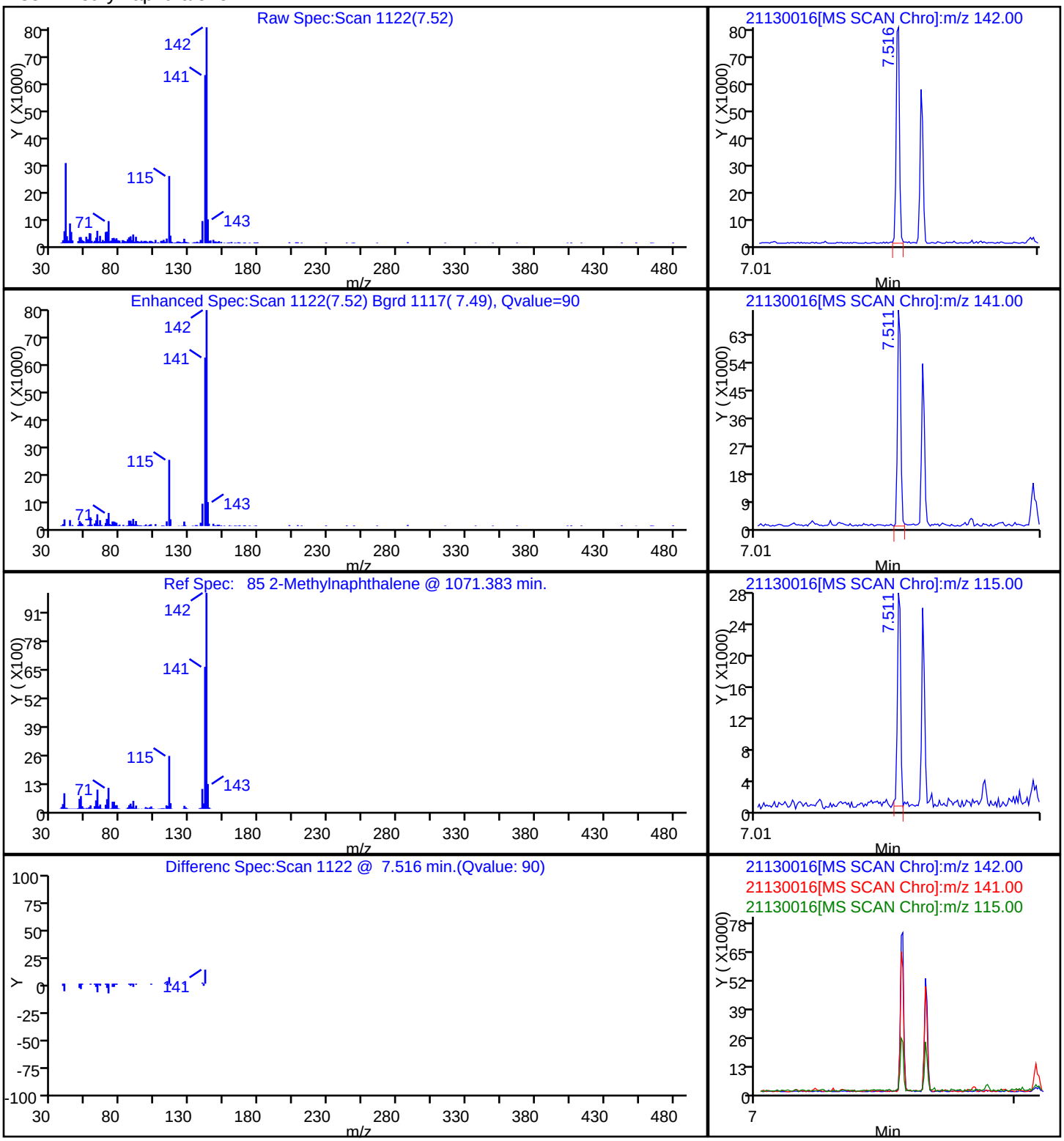
Report Date: 03-Dec-2012 10:36:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D

Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



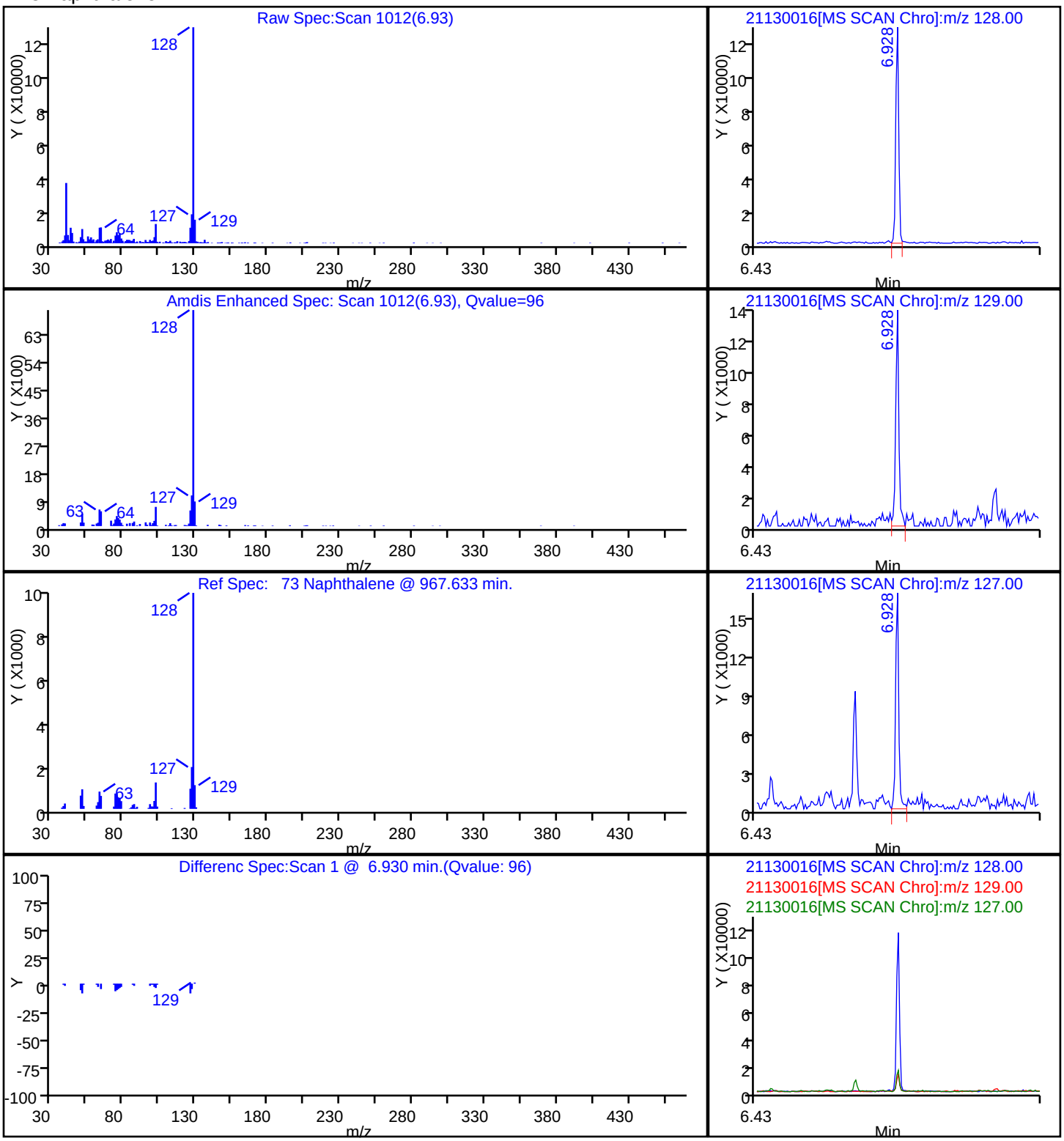
Report Date: 03-Dec-2012 10:36:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D

Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



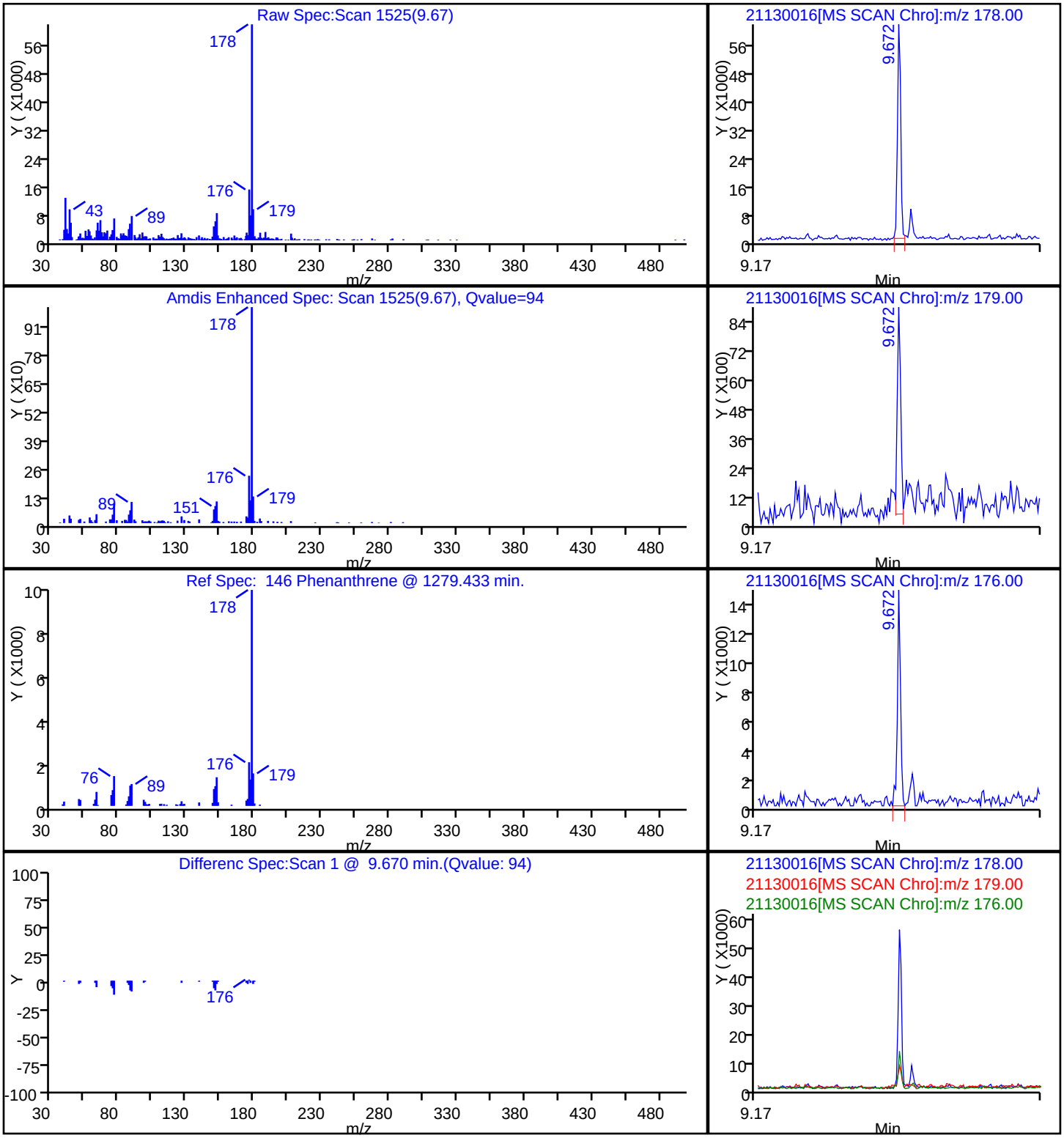
Report Date: 03-Dec-2012 10:36:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D

Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



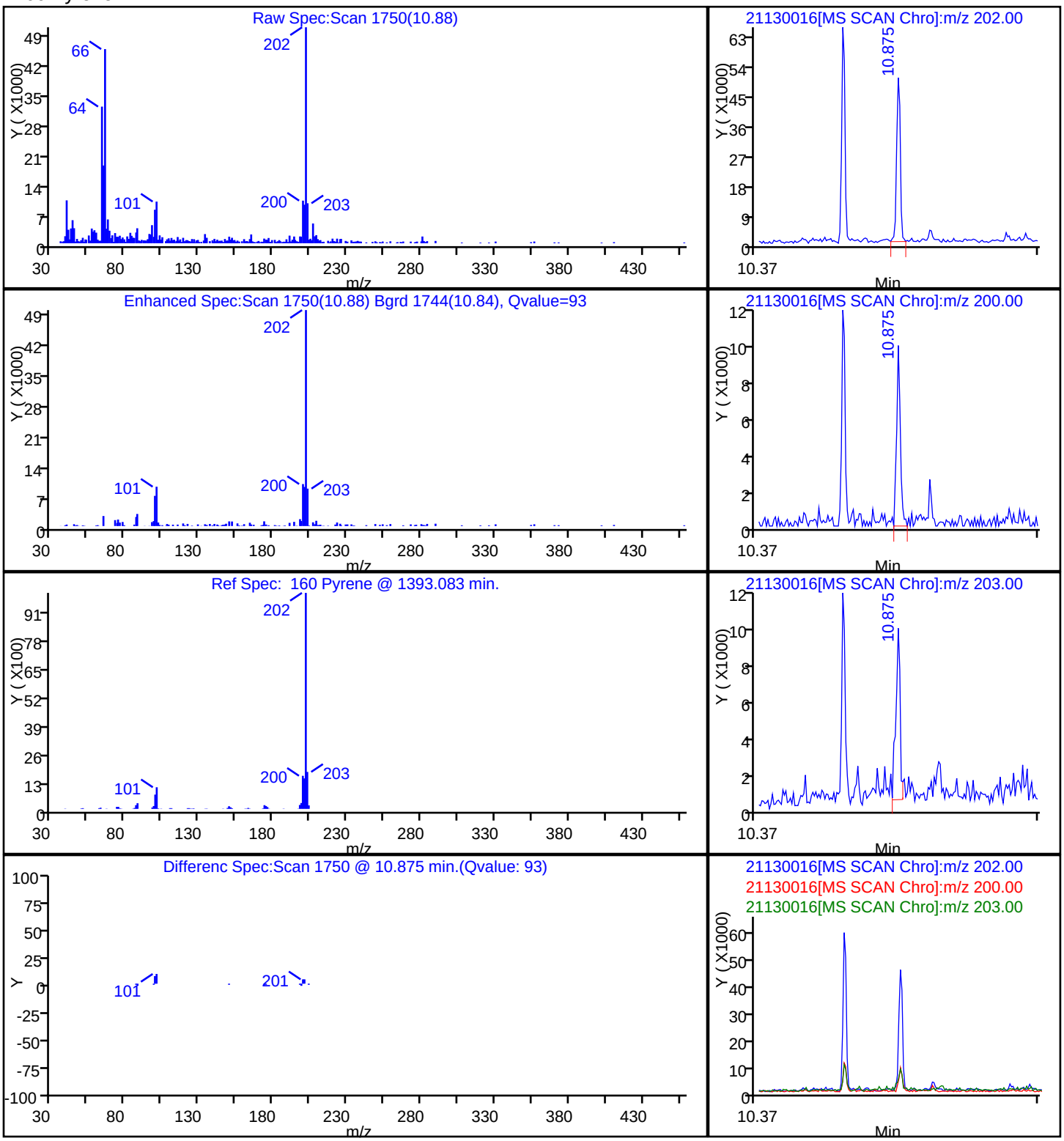
Report Date: 03-Dec-2012 10:36:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D

Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

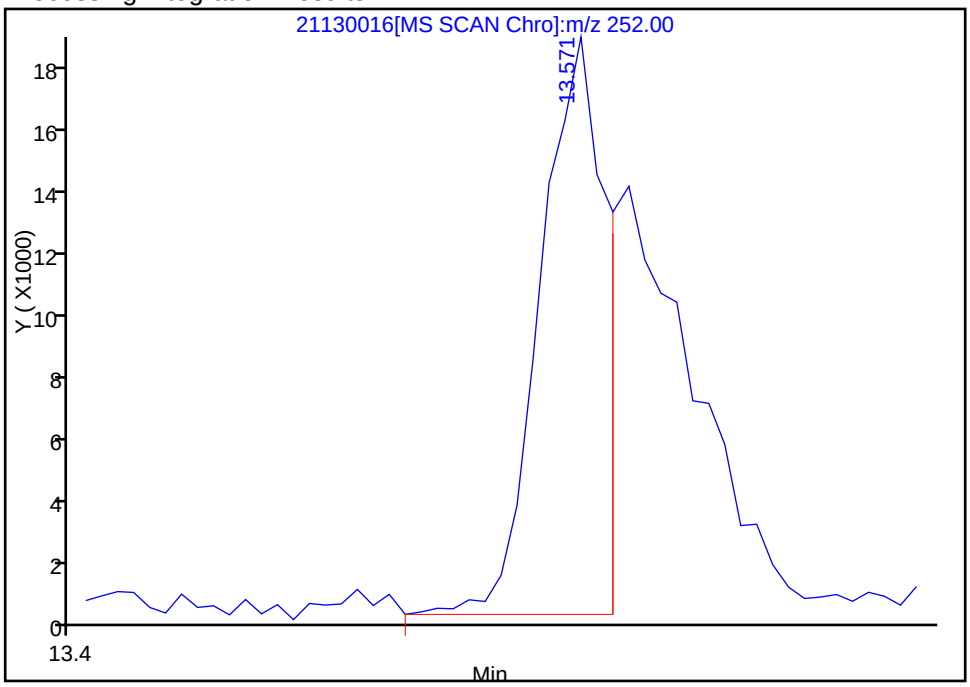
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130016.D		
Injection Date:	30-Nov-2012 14:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0033M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	16
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: 13.61

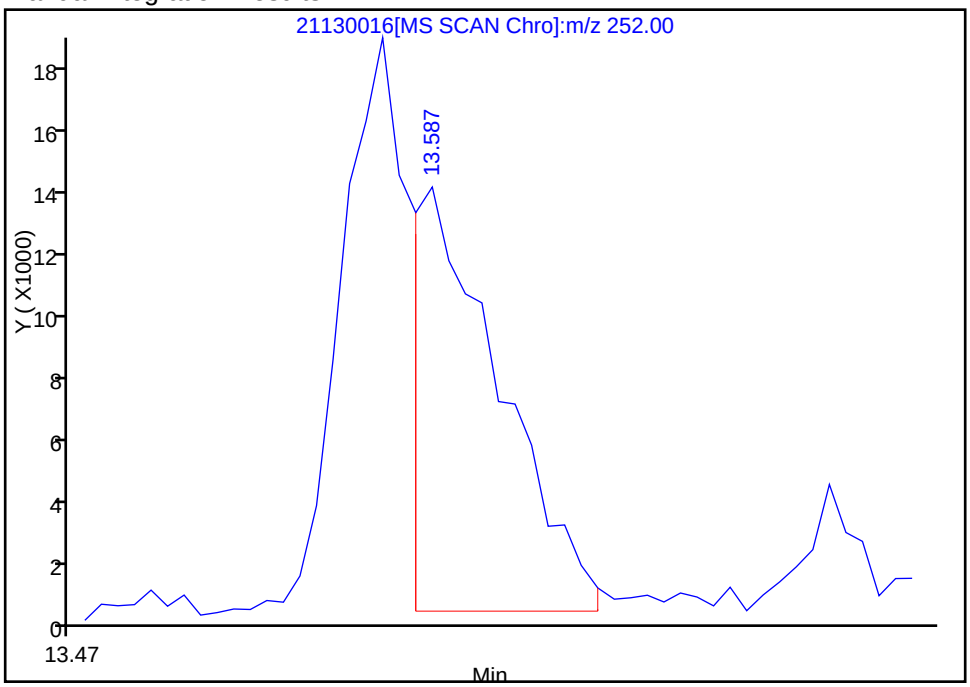
Processing Integration Results

RT: 13.57
Response: 28263
Amount: 0.164636



Manual Integration Results

RT: 13.59
Response: 26540
Amount: 0.154599



Reviewer: gruberj, 30-Nov-2012 14:55:28
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0034M-0001-SO | Lab Sample ID: 240-17768-21

Matrix: Solid | Lab File ID: 21130015.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:00

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.00(g) | Date Analyzed: 11/30/2012 13:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	17	U	33	17	17
208-96-8	Acenaphthylene	17	U	33	17	17
120-12-7	Anthracene	17	U	33	17	17
56-55-3	Benzo[a]anthracene	17	U	33	17	17
50-32-8	Benzo[a]pyrene	55	D	33	17	17
205-99-2	Benzo[b]fluoranthene	21	J D M	33	17	17
191-24-2	Benzo[g,h,i]perylene	17	U	33	17	17
65-85-0	Benzoic acid	1700	U	3300	1700	1700
207-08-9	Benzo[k]fluoranthene	17	U	33	17	17
100-51-6	Benzyl alcohol	140	U	1700	140	110
111-91-1	Bis(2-chloroethoxy)methane	140	U	500	140	110
111-44-4	Bis(2-chloroethyl)ether	17	U	500	17	10
108-60-1	bis (2-chloroisopropyl) ether	140	U	500	140	48
117-81-7	Bis(2-ethylhexyl) phthalate	140	U	250	140	95
101-55-3	4-Bromophenyl phenyl ether	140	U	250	140	65
85-68-7	Butyl benzyl phthalate	140	U	250	140	50
86-74-8	Carbazole	140	U	250	140	140
106-47-8	4-Chloroaniline	140	U	750	140	85
59-50-7	4-Chloro-3-methylphenol	140	U	750	140	110
91-58-7	2-Chloronaphthalene	17	U	250	17	17
95-57-8	2-Chlorophenol	140	U	250	140	140
7005-72-3	4-Chlorophenyl phenyl ether	140	U	250	140	65
218-01-9	Chrysene	17	U	33	17	5.5
53-70-3	Dibenz(a,h)anthracene	17	U	33	17	17
132-64-9	Dibenzofuran	17	U	250	17	17
95-50-1	1,2-Dichlorobenzene	140	U	250	140	49
541-73-1	1,3-Dichlorobenzene	140	U	250	140	55
106-46-7	1,4-Dichlorobenzene	140	U	250	140	100
91-94-1	3,3'-Dichlorobenzidine	400	U	500	400	90
120-83-2	2,4-Dichlorophenol	140	U	750	140	100
84-66-2	Diethyl phthalate	140	U	250	140	80
105-67-9	2,4-Dimethylphenol	400	U	750	400	100
131-11-3	Dimethyl phthalate	140	U	250	140	85
84-74-2	Di-n-butyl phthalate	140	U	250	140	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0034M-0001-SO | Lab Sample ID: 240-17768-21

Matrix: Solid | Lab File ID: 21130015.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:00

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.00(g) | Date Analyzed: 11/30/2012 13:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	400	U	750	400	400
51-28-5	2,4-Dinitrophenol	400	U	1700	400	400
121-14-2	2,4-Dinitrotoluene	140	U	1000	140	140
606-20-2	2,6-Dinitrotoluene	140	U	1000	140	110
117-84-0	Di-n-octyl phthalate	140	U	250	140	140
206-44-0	Fluoranthene	56	D	33	17	17
86-73-7	Fluorene	59	D	33	17	17
118-74-1	Hexachlorobenzene	17	U	33	17	11
87-68-3	Hexachlorobutadiene	140	U	250	140	140
77-47-4	Hexachlorocyclopentadiene	140	U	1700	140	140
67-72-1	Hexachloroethane	140	U	250	140	45
193-39-5	Indeno[1,2,3-cd]pyrene	17	U	33	17	17
78-59-1	Isophorone	140	U	250	140	65
91-57-6	2-Methylnaphthalene	43	D	33	17	17
95-48-7	2-Methylphenol	400	U	1000	400	400
15831-10-4	3 & 4 Methylphenol	400	U	2000	400	100
91-20-3	Naphthalene	42	D	33	17	17
88-74-4	2-Nitroaniline	140	U	1000	140	46
99-09-2	3-Nitroaniline	400	U	1000	400	80
100-01-6	4-Nitroaniline	140	U	1000	140	130
98-95-3	Nitrobenzene	17	U	500	17	11
88-75-5	2-Nitrophenol	140	U	250	140	140
100-02-7	4-Nitrophenol	400	U	1700	400	400
621-64-7	N-Nitrosodi-n-propylamine	140	U	250	140	140
86-30-6	N-Nitrosodiphenylamine	140	U	250	140	110
87-86-5	Pentachlorophenol	400	U	750	400	400
85-01-8	Phenanthrene	200	D	33	17	17
108-95-2	Phenol	140	U	250	140	140
129-00-0	Pyrene	57	D	33	17	17
120-82-1	1,2,4-Trichlorobenzene	140	U	250	140	140
95-95-4	2,4,5-Trichlorophenol	140	U	750	140	130
88-06-2	2,4,6-Trichlorophenol	400	U	750	400	400

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0034M-0001-SO | Lab Sample ID: 240-17768-21

Matrix: Solid | Lab File ID: 21130015.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:00

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.00(g) | Date Analyzed: 11/30/2012 13:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	66		45-105
367-12-4	2-Fluorophenol (Surr)	72		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	70		35-100
4165-62-2	Phenol-d5 (Surr)	70		40-100
1718-51-0	Terphenyl-d14 (Surr)	73		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	72		35-125

Report Date: 03-Dec-2012 10:36:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130015.D		
Lims ID:	240-17768-E-21-D	Client ID:	076SB-0034M-0001-SO
Inject. Date:	30-Nov-2012 13:54:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0015418-015		
Misc. Info.:	240-17768-e-21-d		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	66878	Lims Sample ID:	15
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m		
Last Update:	03-Dec-2012 10:35:45	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:	XAWRK014		

First Level Reviewer: gruberj Date: 30-Nov-2012 14:50:51

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.783	5.778	0.005	93	139341	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	99	535947	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	92	312605	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	98	541473	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.005	96	558099	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	96	509580	4.00	
$ 7 2-Fluorophenol	112	4.532	4.494	0.038	94	93110	2.16	
$ 8 Phenol-d5	99	5.435	5.425	0.010	96	114521	2.09	
$ 9 Nitrobenzene-d5	82	6.270	6.270	0.0	86	65600	1.39	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	97	134131	1.32	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	82	27766	2.15	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	97	151324	1.46	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					
46 2-Chlorophenol	128		5.585					
47 1,3-Dichlorobenzene	146		5.724					9
48 1,4-Dichlorobenzene	146		5.794					9
49 Benzyl alcohol	108		5.895					9
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					9
52 2,2'-oxybis[1-chloropropane]	45		6.019					
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					9
60 Hexachloroethane	117		6.238					9
61 Nitrobenzene	77		6.291					9
63 Isophorone	82		6.495					9
65 2-Nitrophenol	139		6.569					9
64 2,4-Dimethylphenol	107		6.591					9
69 Benzoic acid	122		6.660					9
68 Bis(2-chloroethoxy)methane	93		6.676					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					9
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128	6.922	6.922	0.0	63	16684	0.1246	
74 4-Chloroaniline	127		6.960					9
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					9
85 2-Methylnaphthalene	142	7.511	7.511	0.0	62	10951	0.1278	
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					9
91 2,4,5-Trichlorophenol	196		7.778					9
98 2-Chloronaphthalene	162		7.928					9
100 2-Nitroaniline	65		8.003					
103 Dimethyl phthalate	163		8.147					
105 2,6-Dinitrotoluene	165		8.201					
107 Acenaphthylene	152		8.281					9
108 3-Nitroaniline	138		8.351					
110 Acenaphthene	153		8.425					9
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					
112 2,4-Dinitrotoluene	165		8.543					
114 Dibenzofuran	168		8.570					
119 Diethyl phthalate	149		8.736					9
121 4-Chlorophenyl phenyl ether	204		8.848					
124 Fluorene	166	8.859	8.859	0.0	90	18154	0.1776	
123 4-Nitroaniline	138		8.864					
126 4,6-Dinitro-2-methylphenol	198		8.885					
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					9
146 Phenanthrene	178	9.672	9.672	0.0	92	90154	0.6094	
147 Anthracene	178		9.714					
149 Carbazole	167		9.843					
151 Di-n-butyl phthalate	149		10.105					
157 Fluoranthene	202	10.677	10.677	0.0	82	27471	0.1682	
160 Pyrene	202	10.875	10.875	0.0	91	30659	0.1722	
166 Butyl benzyl phthalate	149		11.447					
173 3,3'-Dichlorobenzidine	252		12.068					
171 Bis(2-ethylhexyl) phthalate	149		12.089					
175 Benzo[a]anthracene	228		12.116					9
176 Chrysene	228		12.164					
178 Di-n-octyl phthalate	149		12.961					
180 Benzo[b]fluoranthene	252	13.560	13.565	-0.005	62	10165	0.0625	M
181 Benzo[k]fluoranthene	252		13.608					M
182 Benzo[a]pyrene	252	14.047	14.052	-0.005	49	8824	0.1664	
186 Indeno[1,2,3-cd]pyrene	276		15.742					
187 Dibenz(a,h)anthracene	278		15.769					
188 Benzo[g,h,i]perylene	276		16.154					M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

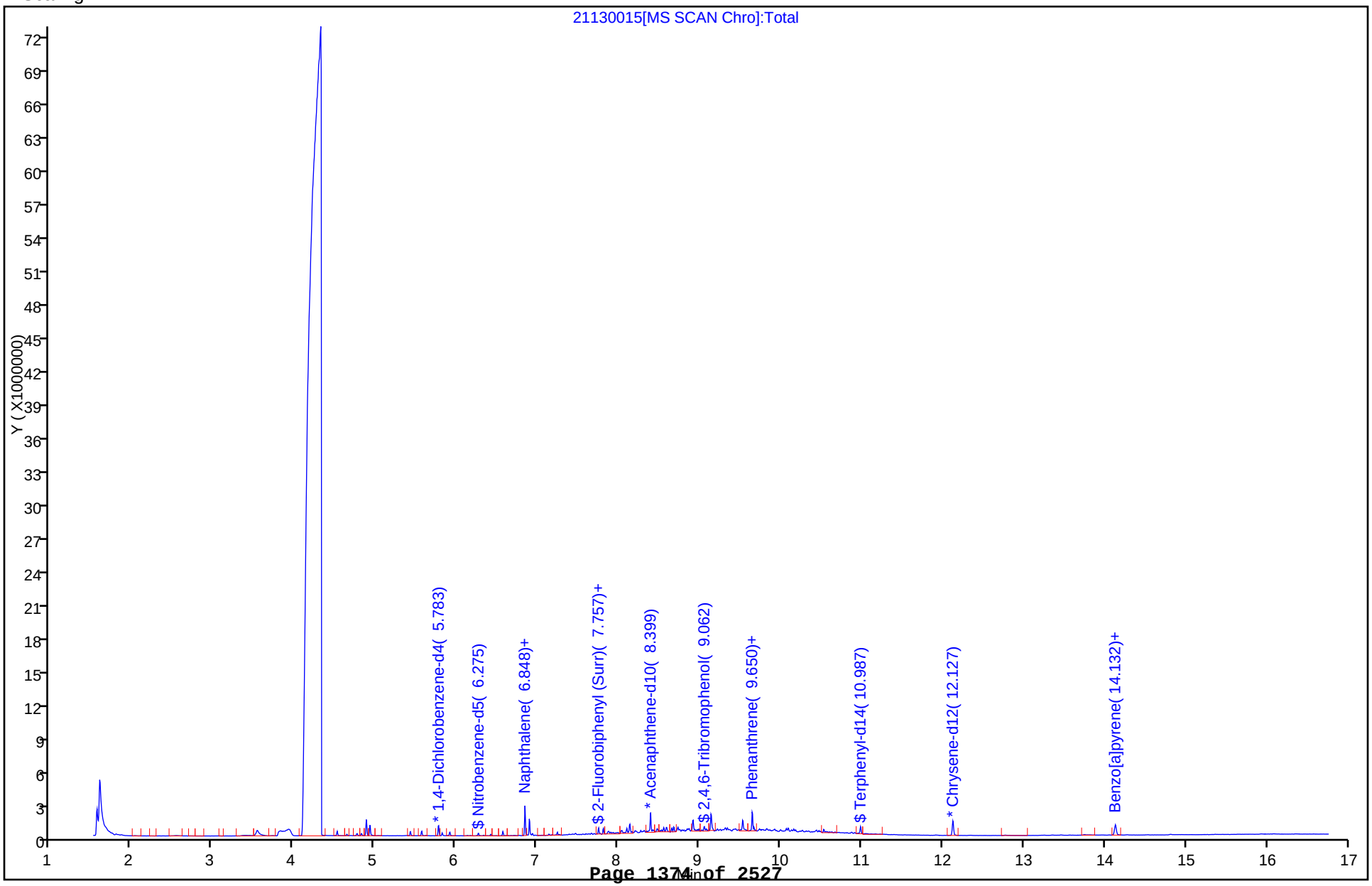
Review Flags
M - Manually Integrated

Report Date: 03-Dec-2012 10:36:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130015.D		
Injection Date:	30-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0034M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

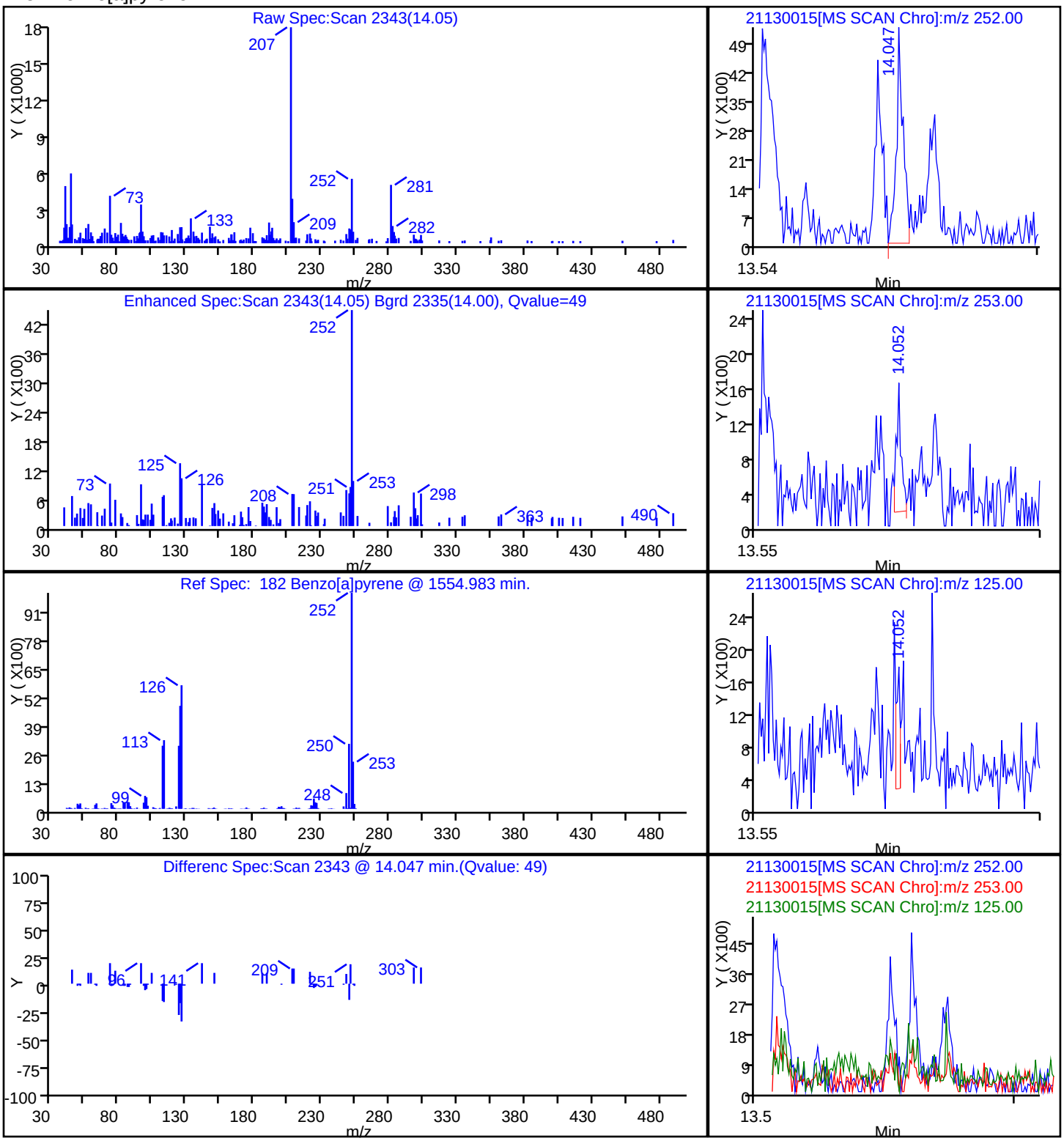


Report Date: 03-Dec-2012 10:36:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130015.D		
Injection Date:	30-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0034M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

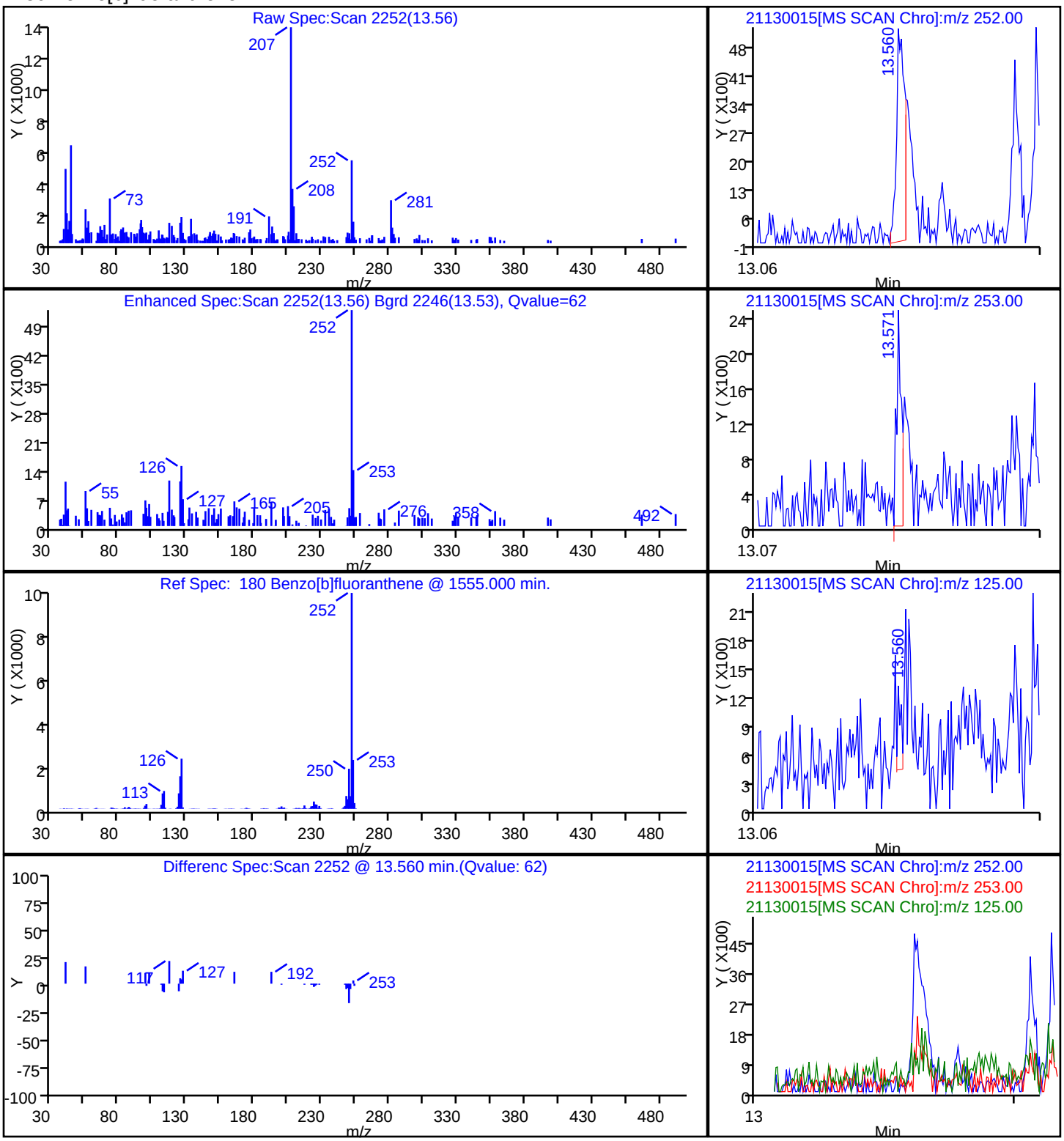


Report Date: 03-Dec-2012 10:36:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130015.D		
Injection Date:	30-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0034M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



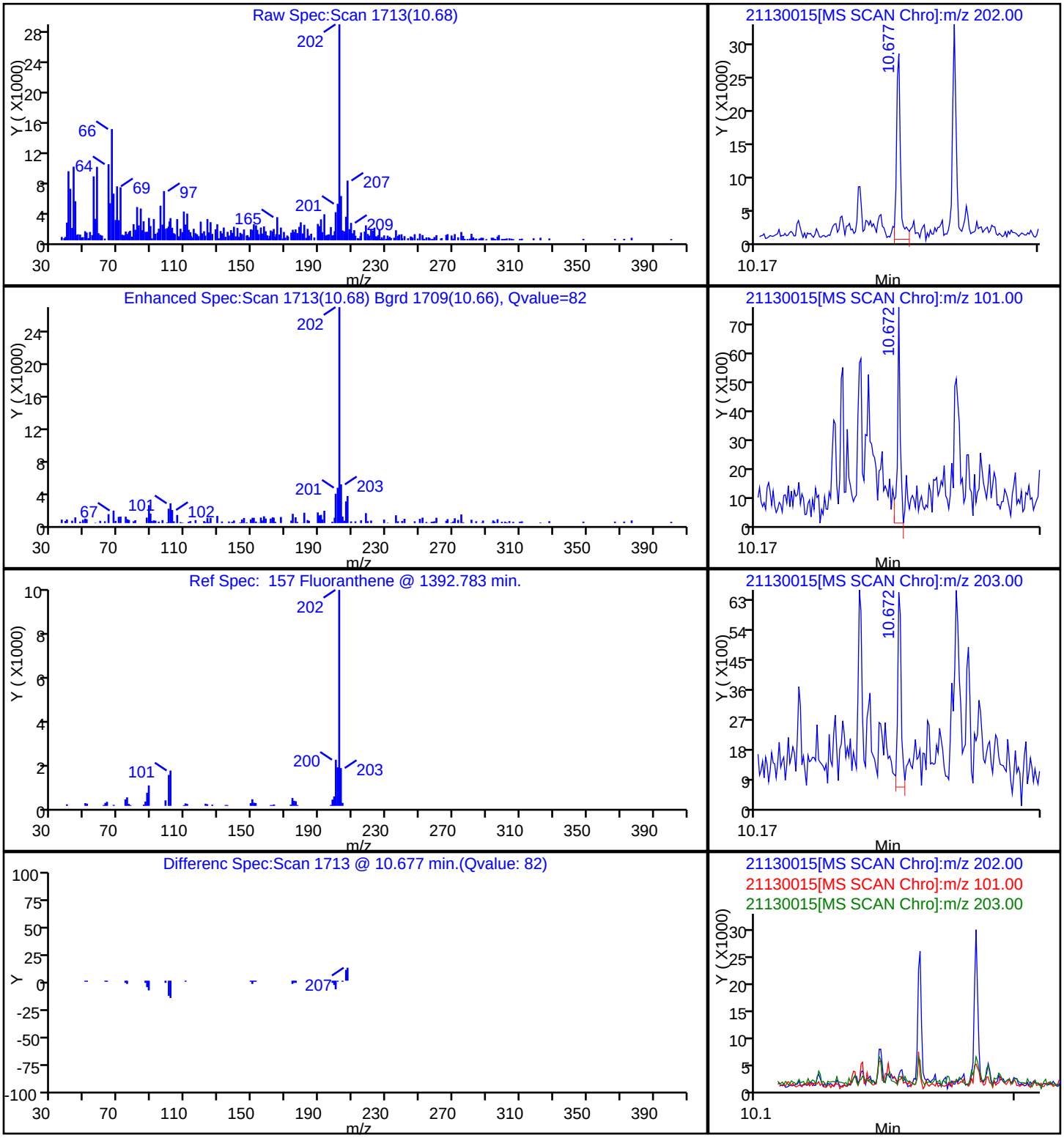
Report Date: 03-Dec-2012 10:36:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130015.D

Injection Date:	30-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0034M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene

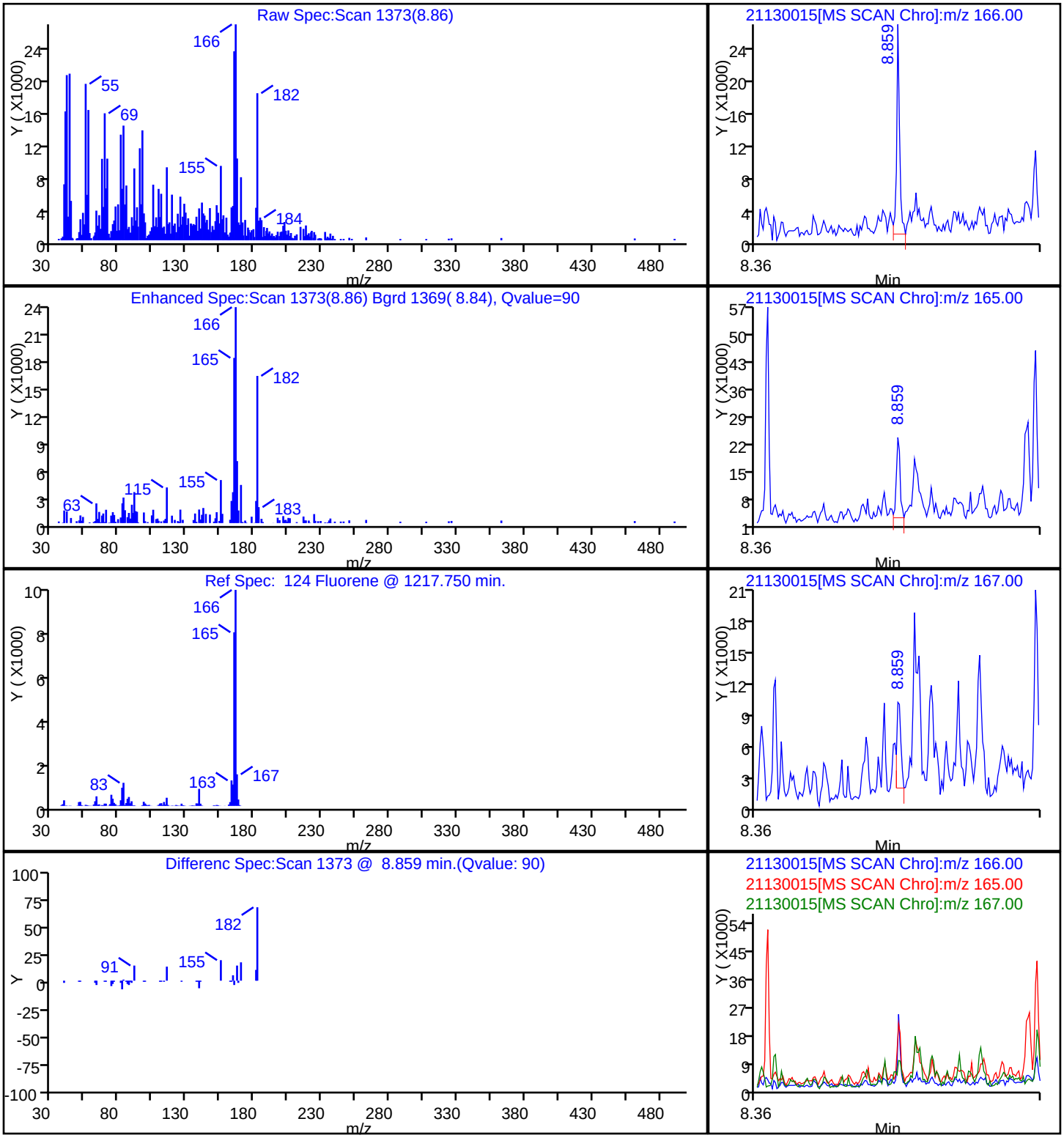


Report Date: 03-Dec-2012 10:36:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130015.D		
Injection Date:	30-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0034M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene



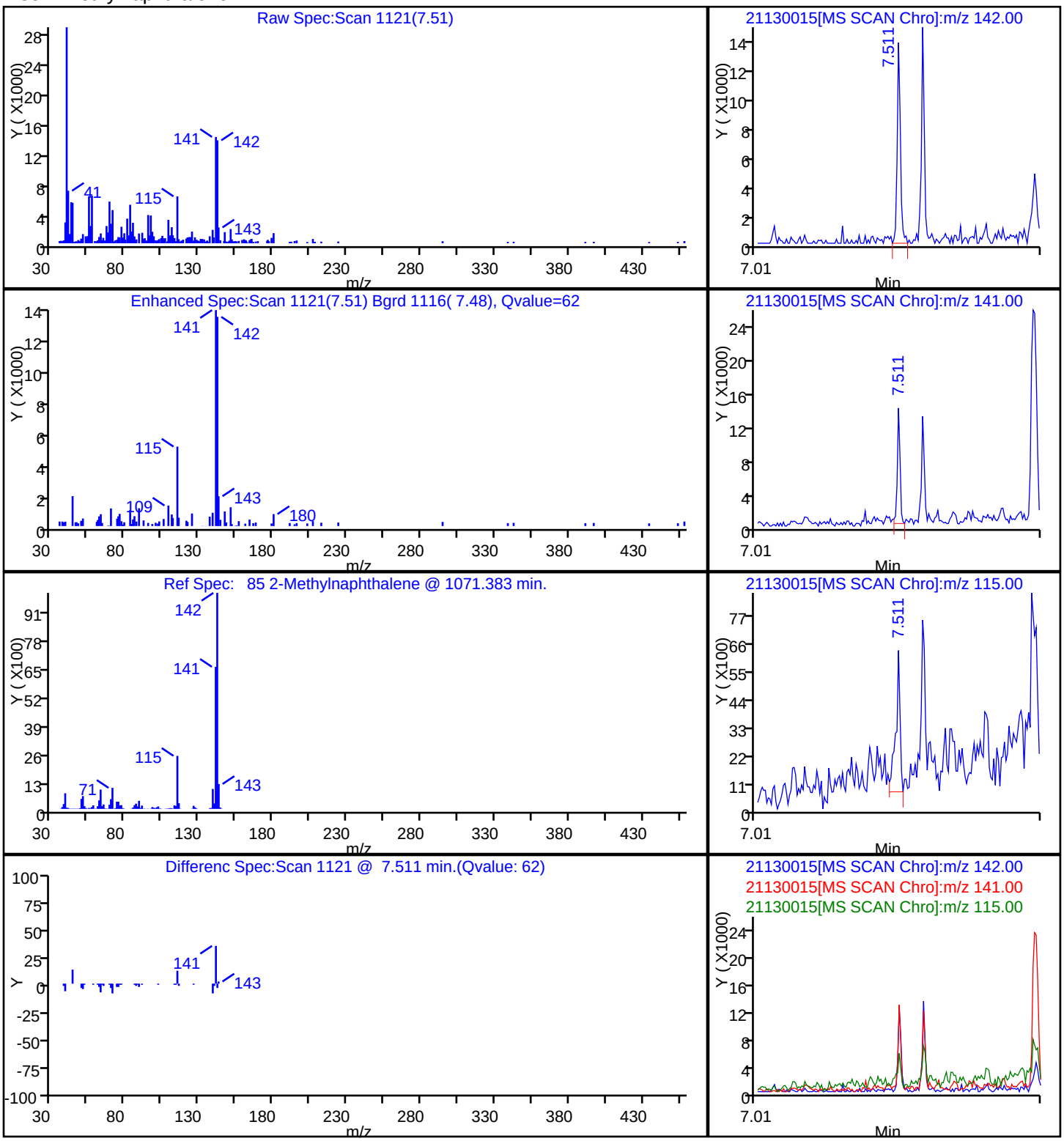
Report Date: 03-Dec-2012 10:36:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130015.D

Injection Date:	30-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0034M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



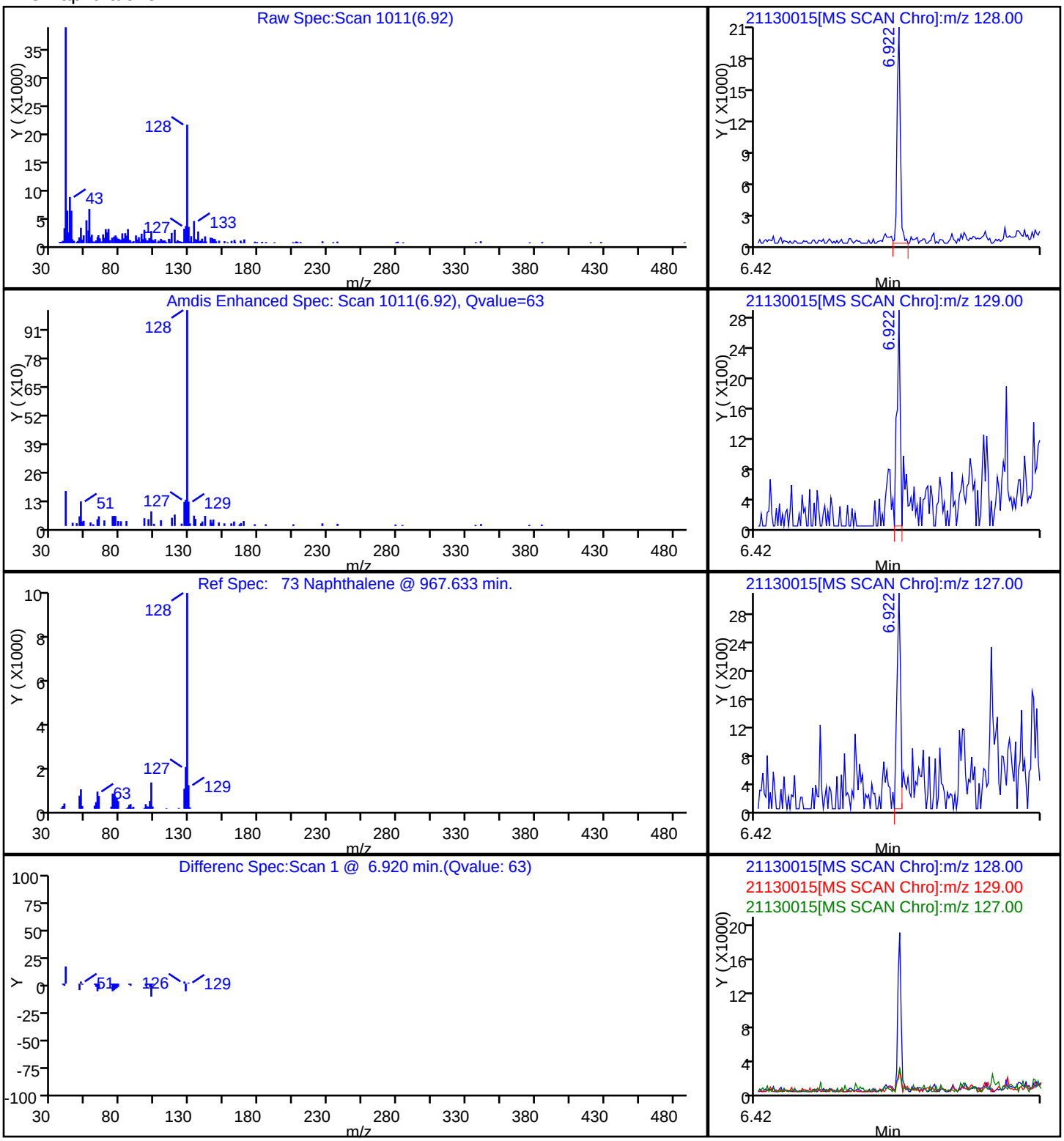
Report Date: 03-Dec-2012 10:36:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130015.D

Injection Date:	30-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0034M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



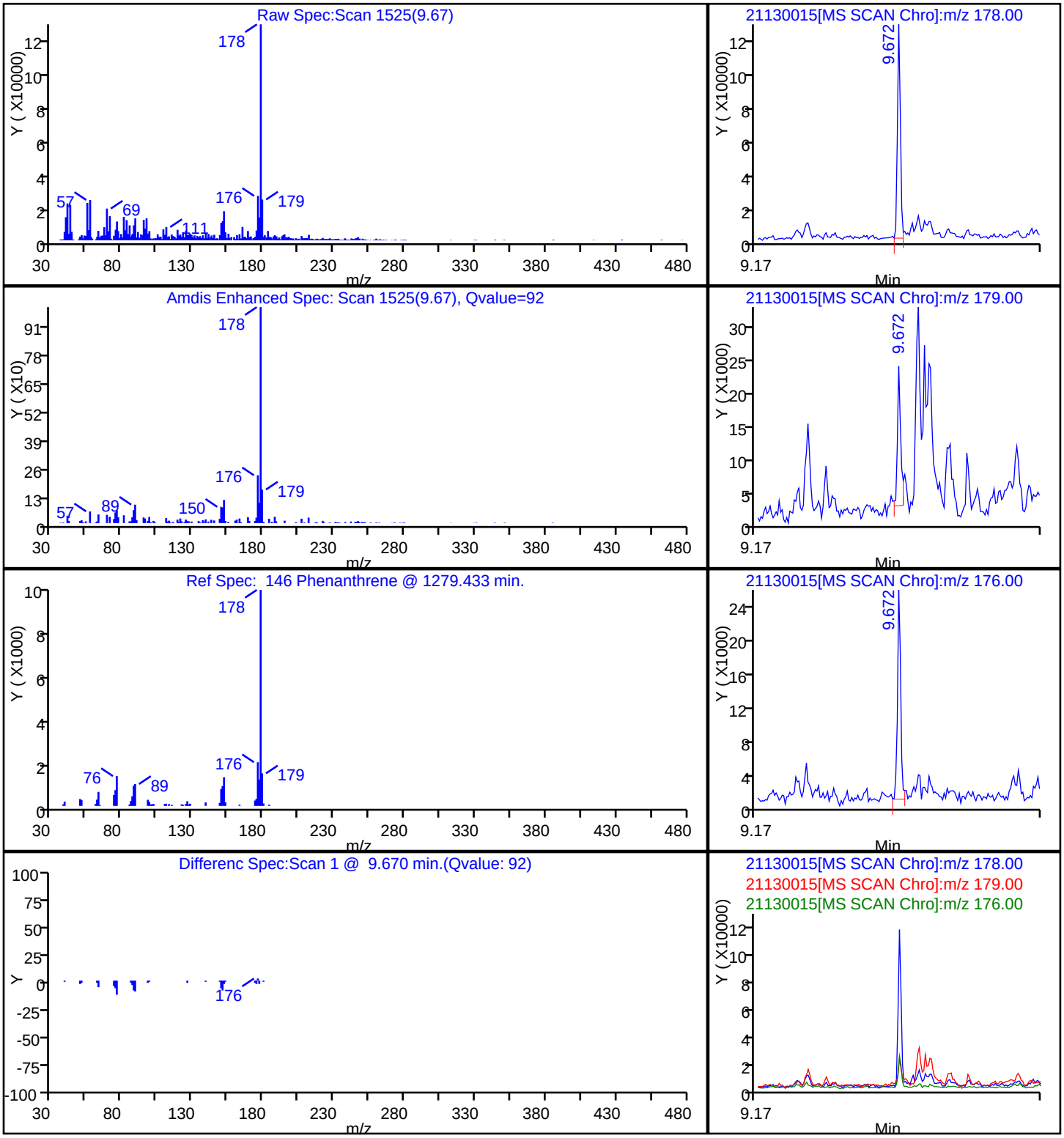
Report Date: 03-Dec-2012 10:36:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130015.D

Injection Date:	30-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0034M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



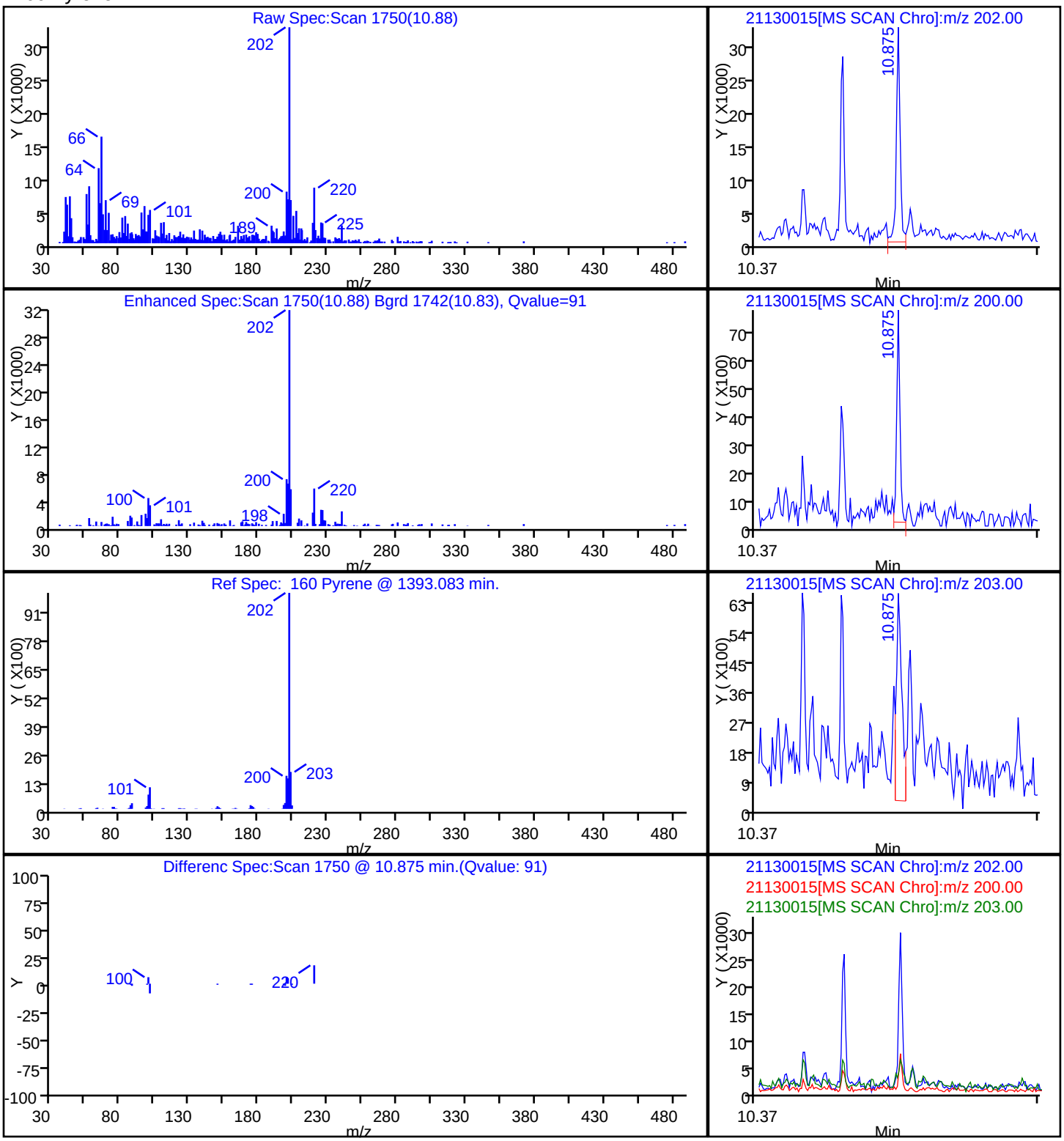
Report Date: 03-Dec-2012 10:36:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130015.D

Injection Date:	30-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0034M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

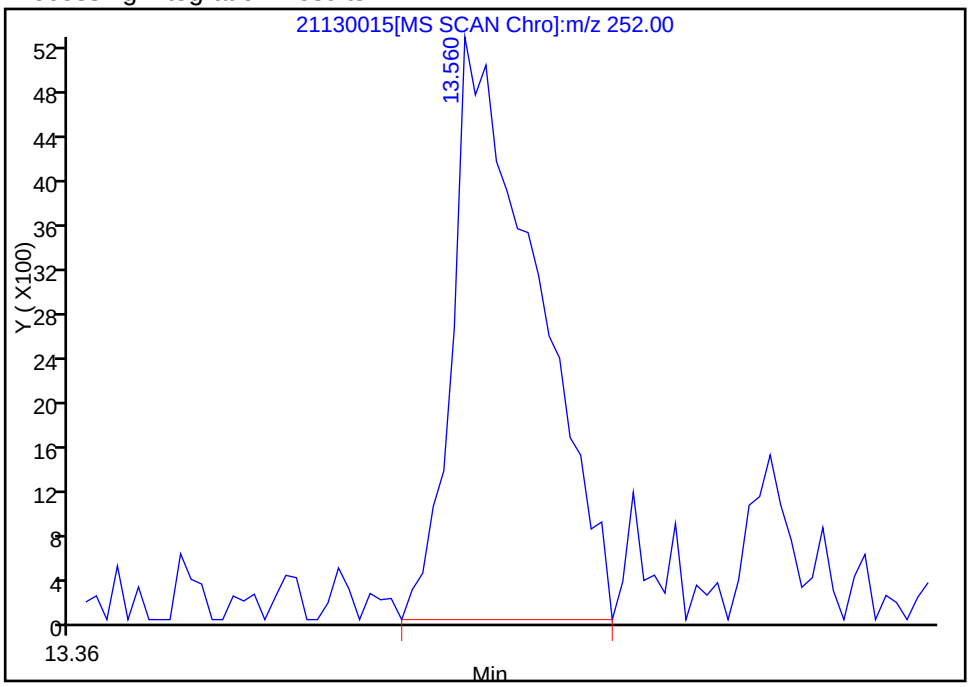
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130015.D		
Injection Date:	30-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0034M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.57

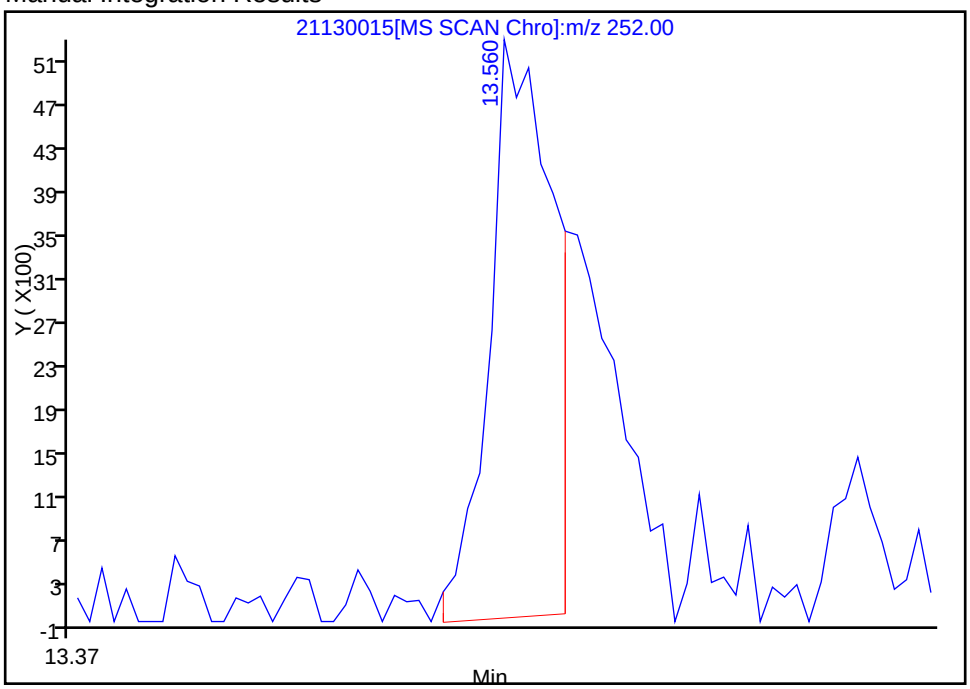
Processing Integration Results

RT: 13.56
Response: 15490
Amount: 0.095288



Manual Integration Results

RT: 13.56
Response: 10165
Amount: 0.062531



Reviewer: gruberj, 30-Nov-2012 14:50:51
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0035M-0001-SO | Lab Sample ID: 240-17768-22

Matrix: Solid | Lab File ID: 21130013.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:30

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.82(g) | Date Analyzed: 11/30/2012 13:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	17	U	34	17	17
208-96-8	Acenaphthylene	17	U	34	17	17
120-12-7	Anthracene	22	J D	34	17	17
56-55-3	Benzo[a]anthracene	72	D	34	17	17
50-32-8	Benzo[a]pyrene	100	D	34	17	17
205-99-2	Benzo[b]fluoranthene	130	D M	34	17	17
191-24-2	Benzo[g,h,i]perylene	59	D	34	17	17
65-85-0	Benzoic acid	1700	U	3300	1700	1700
207-08-9	Benzo[k]fluoranthene	26	J D M	34	17	17
100-51-6	Benzyl alcohol	140	U	1700	140	110
111-91-1	Bis(2-chloroethoxy)methane	140	U	500	140	110
111-44-4	Bis(2-chloroethyl)ether	17	U	500	17	10
108-60-1	bis (2-chloroisopropyl) ether	140	U	500	140	48
117-81-7	Bis(2-ethylhexyl) phthalate	140	U	250	140	96
101-55-3	4-Bromophenyl phenyl ether	140	U	250	140	65
85-68-7	Butyl benzyl phthalate	140	U	250	140	50
86-74-8	Carbazole	140	U	250	140	140
106-47-8	4-Chloroaniline	140	U	750	140	86
59-50-7	4-Chloro-3-methylphenol	140	U	750	140	110
91-58-7	2-Chloronaphthalene	17	U	250	17	17
95-57-8	2-Chlorophenol	140	U	250	140	140
7005-72-3	4-Chlorophenyl phenyl ether	140	U	250	140	65
218-01-9	Chrysene	88	D	34	17	5.5
53-70-3	Dibenz(a,h)anthracene	17	U	34	17	17
132-64-9	Dibenzofuran	17	U	250	17	17
95-50-1	1,2-Dichlorobenzene	140	U	250	140	49
541-73-1	1,3-Dichlorobenzene	140	U	250	140	55
106-46-7	1,4-Dichlorobenzene	140	U	250	140	100
91-94-1	3,3'-Dichlorobenzidine	400	U	500	400	91
120-83-2	2,4-Dichlorophenol	140	U	750	140	100
84-66-2	Diethyl phthalate	140	U	250	140	80
105-67-9	2,4-Dimethylphenol	400	U	750	400	100
131-11-3	Dimethyl phthalate	140	U	250	140	86
84-74-2	Di-n-butyl phthalate	140	U	250	140	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0035M-0001-SO | Lab Sample ID: 240-17768-22

Matrix: Solid | Lab File ID: 21130013.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:30

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.82(g) | Date Analyzed: 11/30/2012 13:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	400	U	750	400	400
51-28-5	2,4-Dinitrophenol	400	U	1700	400	400
121-14-2	2,4-Dinitrotoluene	140	U	1000	140	140
606-20-2	2,6-Dinitrotoluene	140	U	1000	140	110
117-84-0	Di-n-octyl phthalate	140	U	250	140	140
206-44-0	Fluoranthene	190	D	34	17	17
86-73-7	Fluorene	17	U	34	17	17
118-74-1	Hexachlorobenzene	17	U	34	17	11
87-68-3	Hexachlorobutadiene	140	U	250	140	140
77-47-4	Hexachlorocyclopentadiene	140	U	1700	140	140
67-72-1	Hexachloroethane	140	U	250	140	45
193-39-5	Indeno[1,2,3-cd]pyrene	70	D	34	17	17
78-59-1	Isophorone	140	U	250	140	65
91-57-6	2-Methylnaphthalene	22	J D	34	17	17
95-48-7	2-Methylphenol	400	U	1000	400	400
15831-10-4	3 & 4 Methylphenol	400	U	2000	400	100
91-20-3	Naphthalene	20	J D	34	17	17
88-74-4	2-Nitroaniline	140	U	1000	140	46
99-09-2	3-Nitroaniline	400	U	1000	400	80
100-01-6	4-Nitroaniline	140	U	1000	140	130
98-95-3	Nitrobenzene	17	U	500	17	11
88-75-5	2-Nitrophenol	140	U	250	140	140
100-02-7	4-Nitrophenol	400	U	1700	400	400
621-64-7	N-Nitrosodi-n-propylamine	140	U	250	140	140
86-30-6	N-Nitrosodiphenylamine	140	U	250	140	110
87-86-5	Pentachlorophenol	400	U	750	400	400
85-01-8	Phenanthrene	120	D	34	17	17
108-95-2	Phenol	140	U	250	140	140
129-00-0	Pyrene	130	D	34	17	17
120-82-1	1,2,4-Trichlorobenzene	140	U	250	140	140
95-95-4	2,4,5-Trichlorophenol	140	U	750	140	130
88-06-2	2,4,6-Trichlorophenol	400	U	750	400	400

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0035M-0001-SO | Lab Sample ID: 240-17768-22

Matrix: Solid | Lab File ID: 21130013.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:30

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.82(g) | Date Analyzed: 11/30/2012 13:07

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	68		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	64		35-100
4165-62-2	Phenol-d5 (Surr)	68		40-100
1718-51-0	Terphenyl-d14 (Surr)	76		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	74		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D		
Lims ID:	240-17768-E-22-D	Client ID:	076SB-0035M-0001-SO
Inject. Date:	30-Nov-2012 13:07:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0015418-013		
Misc. Info.:	240-17768-e-22-d		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	66878	Lims Sample ID:	13
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m		
Last Update:	03-Dec-2012 10:35:45	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:	XAWRK014		

First Level Reviewer: gruberj Date: 30-Nov-2012 14:47:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.778	5.778	0.0	96	143984	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	100	543191	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	93	306010	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	98	535358	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.005	97	563438	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	96	509731	4.00	
$ 7 2-Fluorophenol	112	4.515	4.494	0.021	93	86475	1.94	
$ 8 Phenol-d5	99	5.430	5.425	0.005	84	115546	2.04	
$ 9 Nitrobenzene-d5	82	6.270	6.270	0.0	88	60972	1.28	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	97	134968	1.36	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	86	27962	2.21	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	97	158050	1.51	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					
46 2-Chlorophenol	128		5.585					
47 1,3-Dichlorobenzene	146		5.724					9
48 1,4-Dichlorobenzene	146		5.794					9
49 Benzyl alcohol	108		5.895					
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					
52 2,2'-oxybis[1-chloropropane]	45		6.019					
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					
60 Hexachloroethane	117		6.238					9
61 Nitrobenzene	77		6.291					9
63 Isophorone	82		6.495					
65 2-Nitrophenol	139		6.569					
64 2,4-Dimethylphenol	107		6.591					9
69 Benzoic acid	122		6.660					9
68 Bis(2-chloroethoxy)methane	93		6.676					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128	6.922	6.922	0.0	52	8148	0.0600	
74 4-Chloroaniline	127		6.960					9
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					9
85 2-Methylnaphthalene	142	7.511	7.511	0.0	53	5802	0.0668	
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					
91 2,4,5-Trichlorophenol	196		7.778					
98 2-Chloronaphthalene	162		7.928					
100 2-Nitroaniline	65		8.003					
103 Dimethyl phthalate	163		8.147					9
105 2,6-Dinitrotoluene	165		8.201					
107 Acenaphthylene	152		8.281					
108 3-Nitroaniline	138		8.351					
110 Acenaphthene	153		8.425					9
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					9
112 2,4-Dinitrotoluene	165		8.543					9
114 Dibenzofuran	168		8.570					9
119 Diethyl phthalate	149		8.736					
121 4-Chlorophenyl phenyl ether	204		8.848					9
124 Fluorene	166		8.859					
123 4-Nitroaniline	138		8.864					
126 4,6-Dinitro-2-methylphenol	198		8.885					9
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					
146 Phenanthrene	178	9.671	9.672	-0.001	95	50731	0.3469	
147 Anthracene	178	9.714	9.714	0.0	76	9556	0.0658	
149 Carbazole	167		9.843					
151 Di-n-butyl phthalate	149		10.105					
157 Fluoranthene	202	10.677	10.677	0.0	91	89412	0.5536	
160 Pyrene	202	10.875	10.875	0.0	95	70151	0.3902	
166 Butyl benzyl phthalate	149		11.447					9
173 3,3'-Dichlorobenzidine	252		12.068					
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	56	9376	0.2824	
175 Benzo[a]anthracene	228	12.116	12.116	0.0	81	33758	0.2147	
176 Chrysene	228	12.159	12.164	-0.005	45	39292	0.2622	
178 Di-n-octyl phthalate	149		12.961					9
180 Benzo[b]fluoranthene	252	13.565	13.565	0.0	89	63790	0.3923	M
181 Benzo[k]fluoranthene	252	13.608	13.608	0.0	91	13741	0.0778	M
182 Benzo[a]pyrene	252	14.047	14.052	-0.005	67	30805	0.3003	
186 Indeno[1,2,3-cd]pyrene	276	15.737	15.742	-0.005	73	22863	0.2075	
187 Dibenz(a,h)anthracene	278		15.769					
188 Benzo[g,h,i]perylene	276	16.149	16.154	-0.005	78	25623	0.1756	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

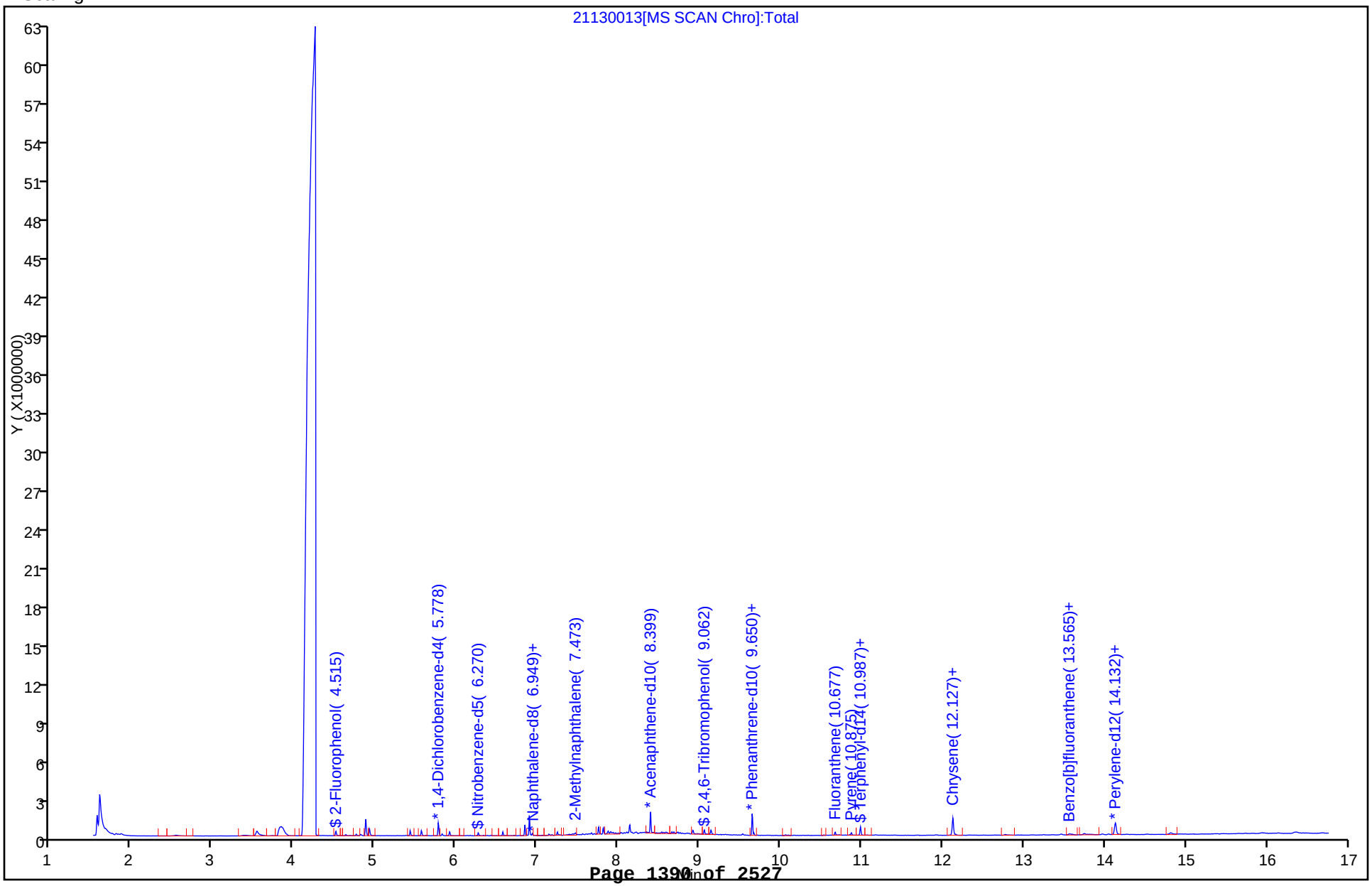
Review Flags
M - Manually Integrated

Report Date: 03-Dec-2012 10:35:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D		
Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

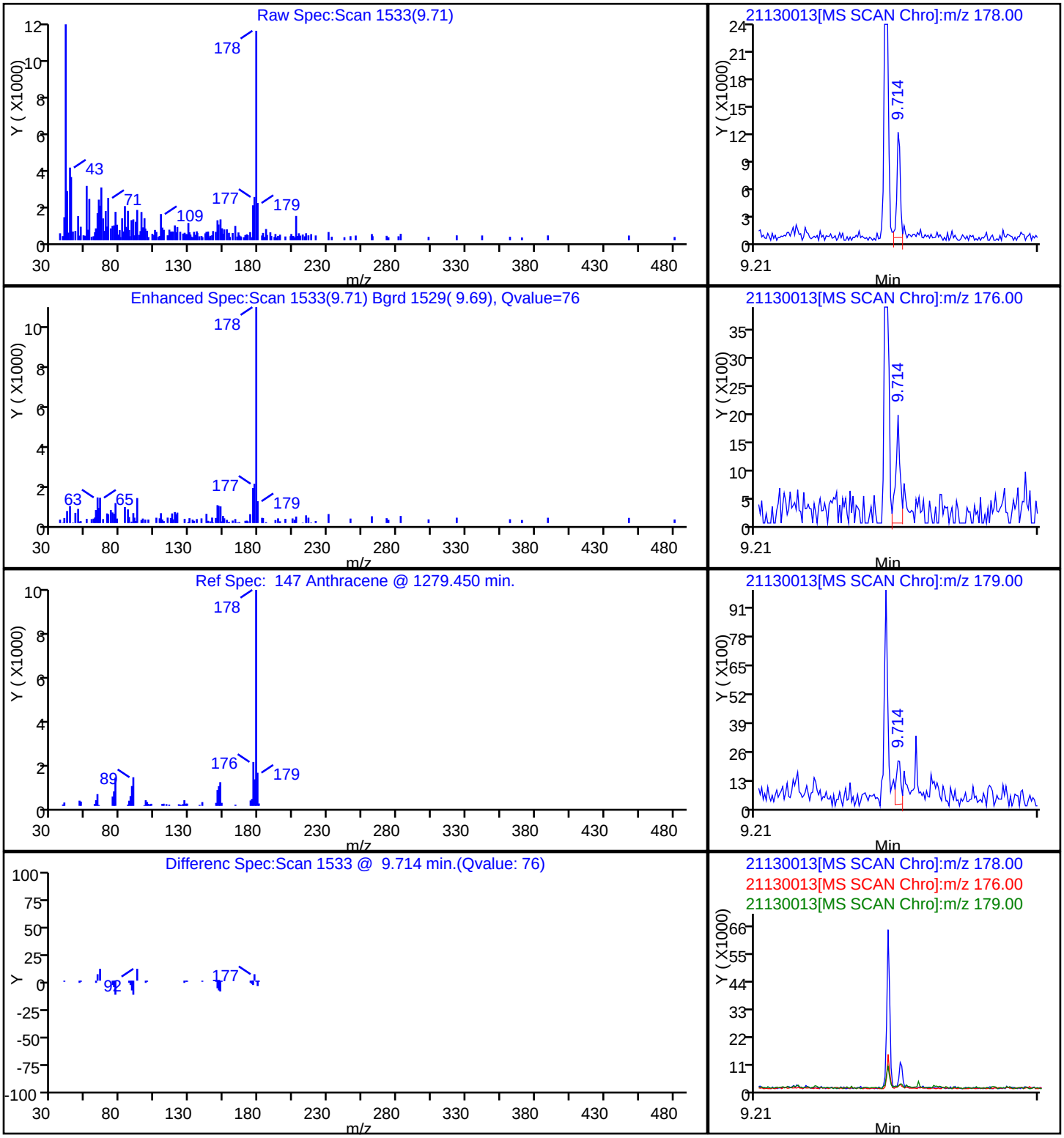


Report Date: 03-Dec-2012 10:35:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D		
Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



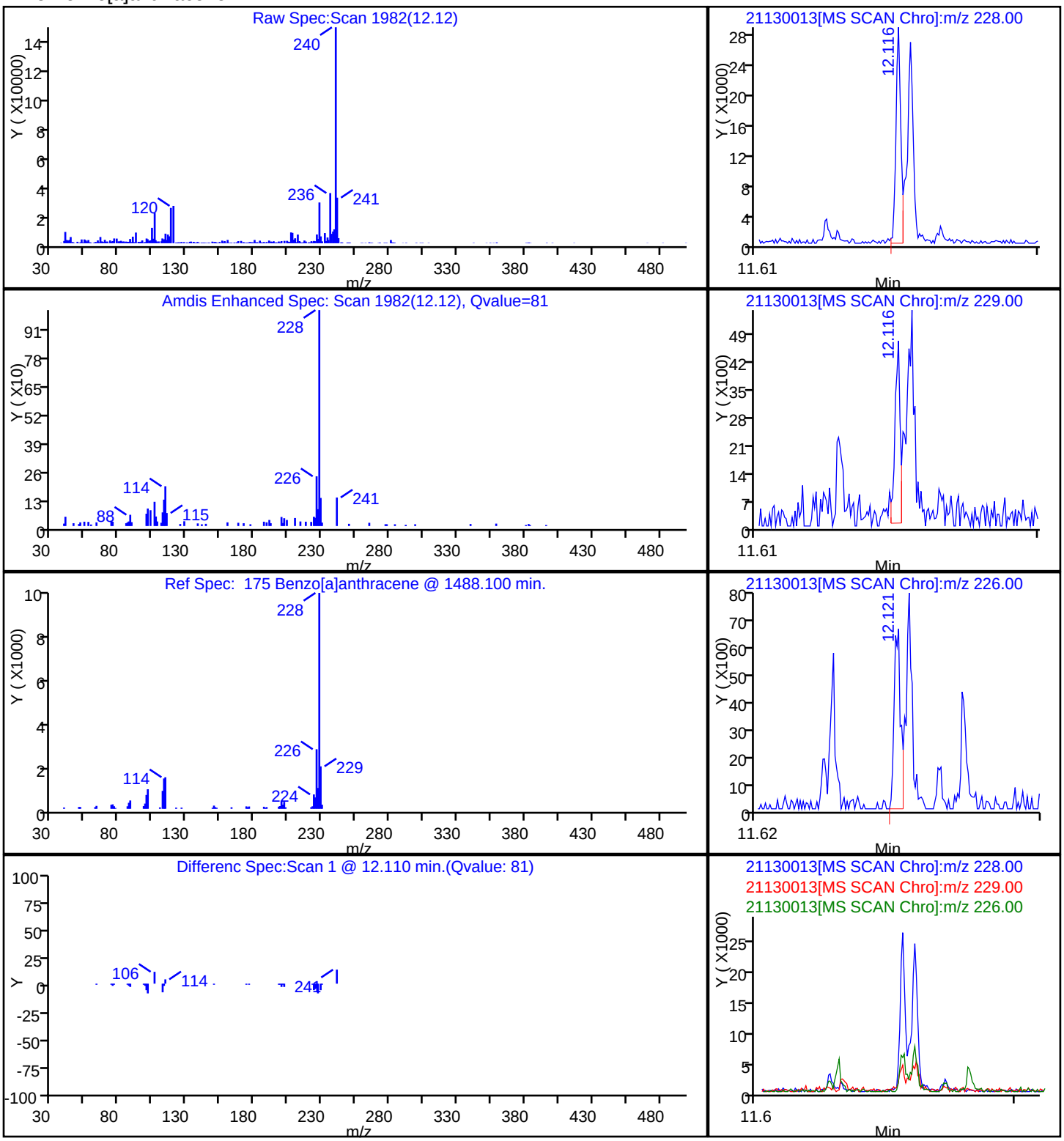
Report Date: 03-Dec-2012 10:35:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D

Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

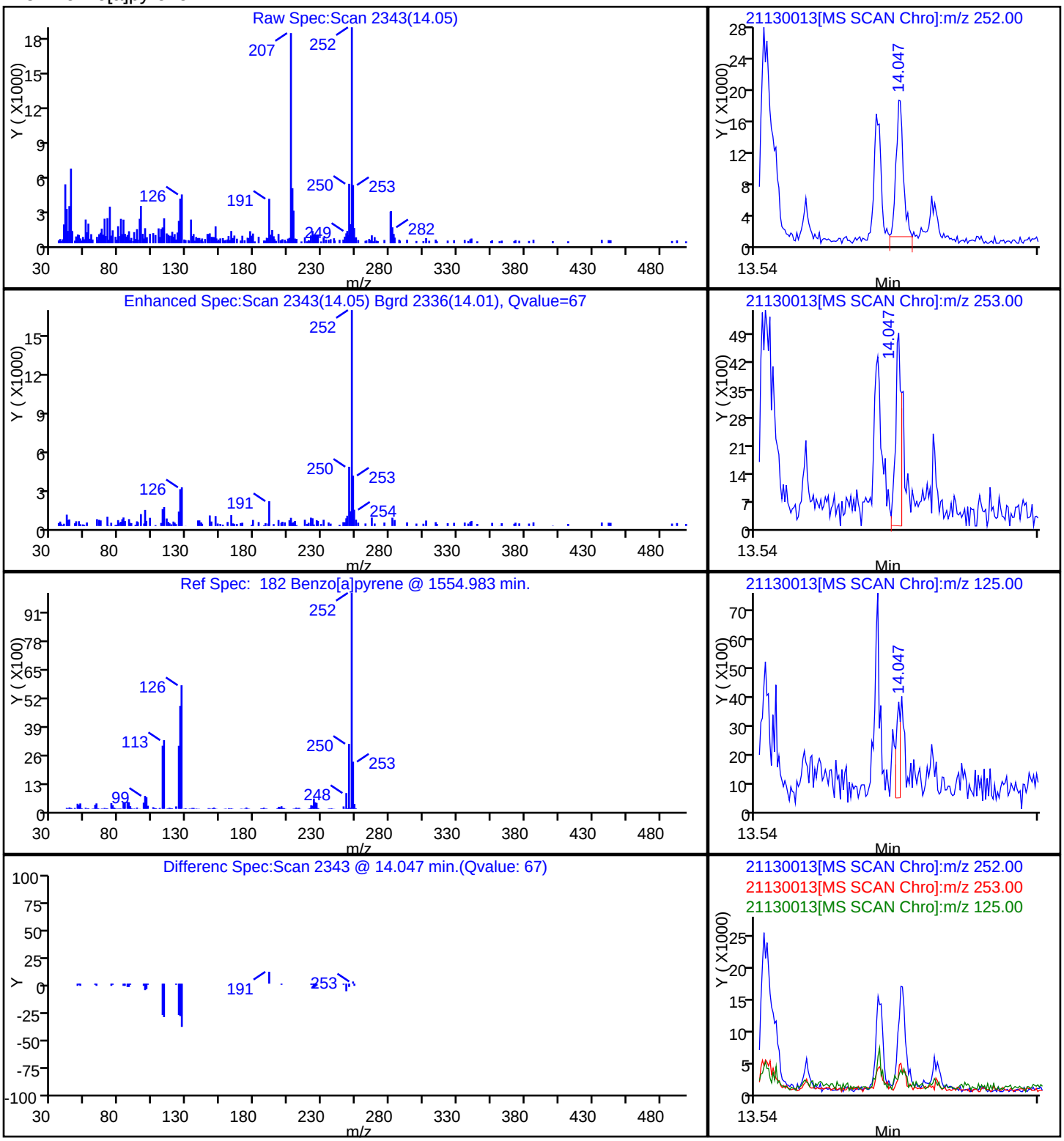


Report Date: 03-Dec-2012 10:35:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D		
Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



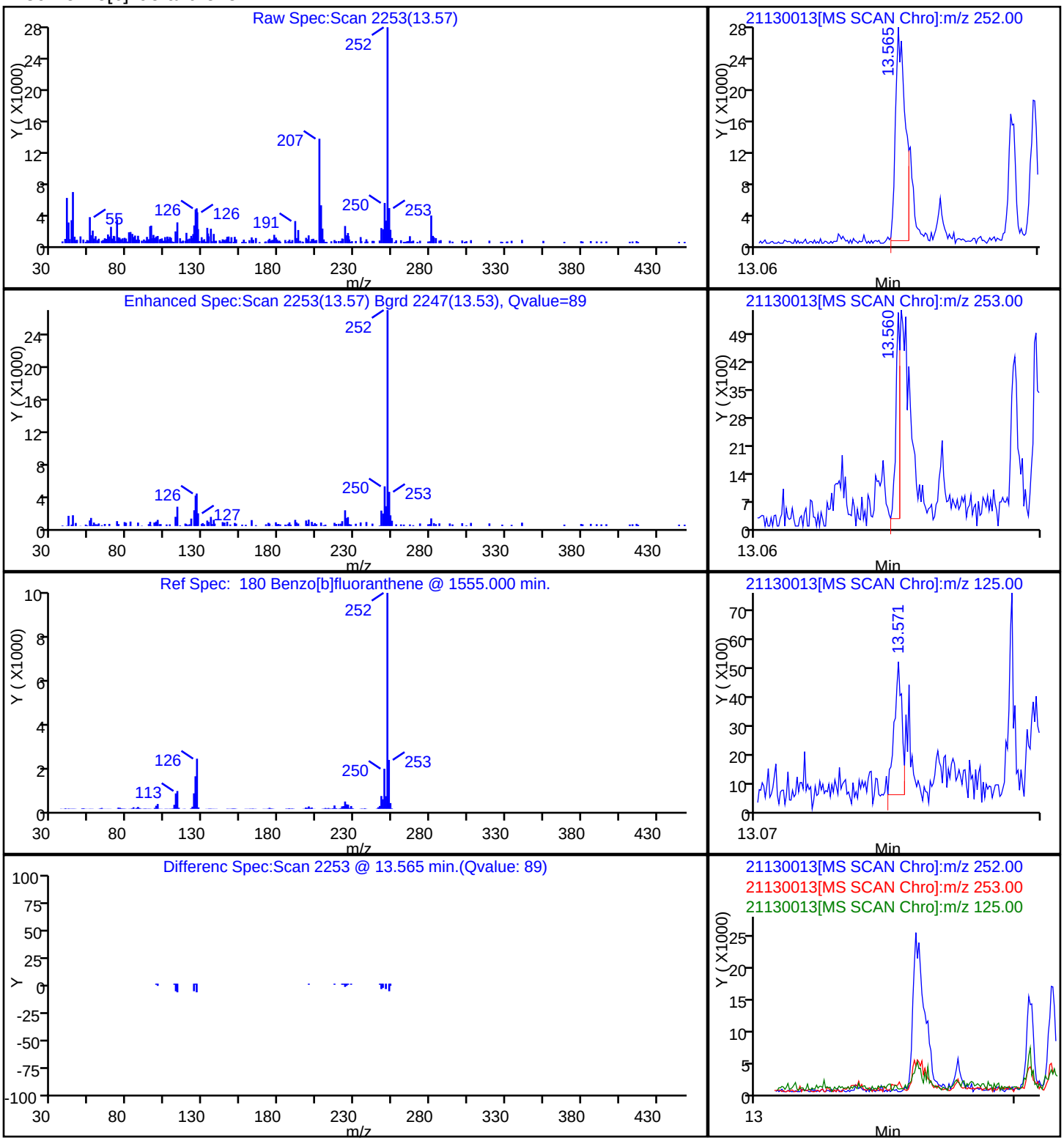
Report Date: 03-Dec-2012 10:35:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D

Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

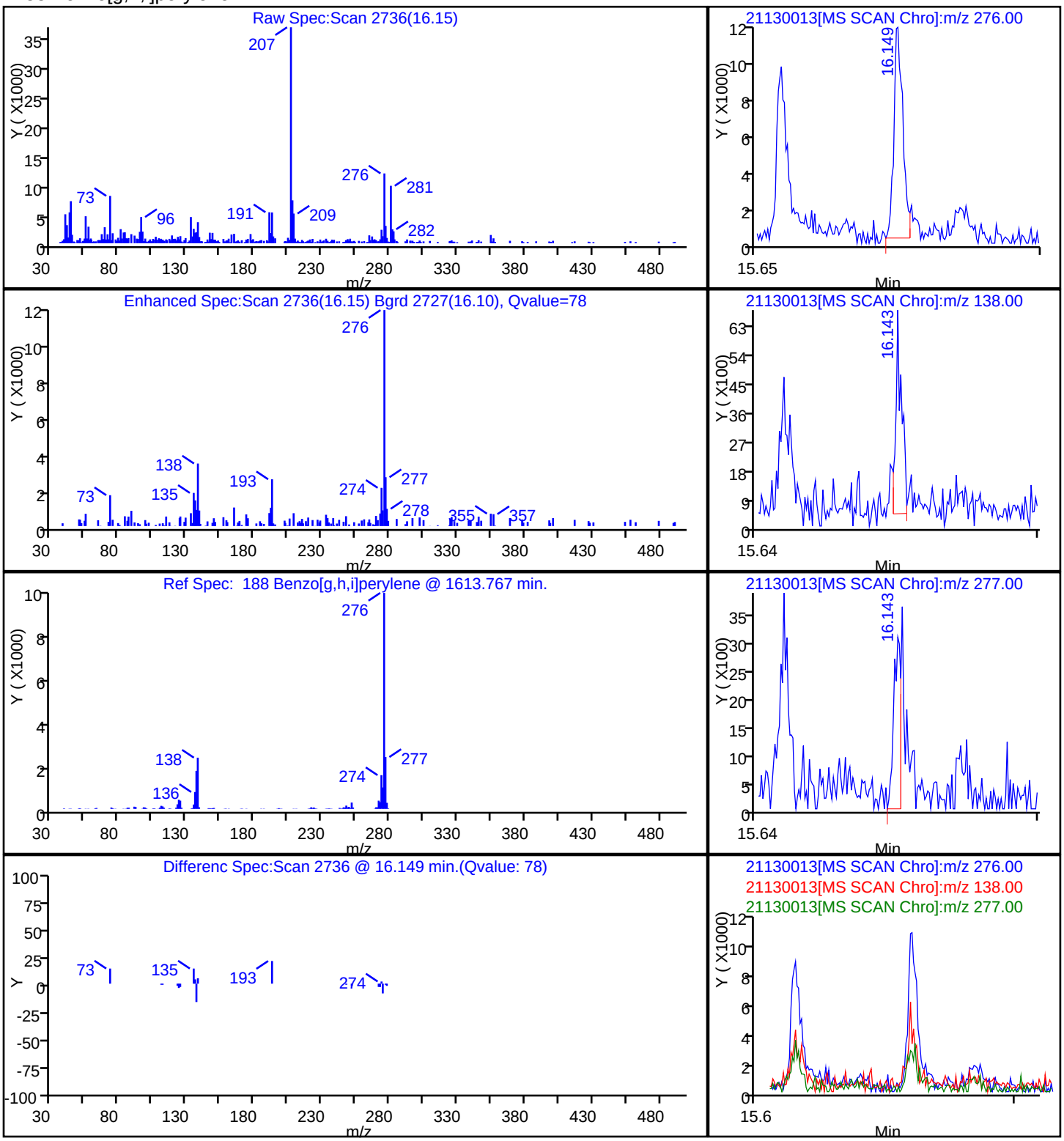


Report Date: 03-Dec-2012 10:35:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D		
Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



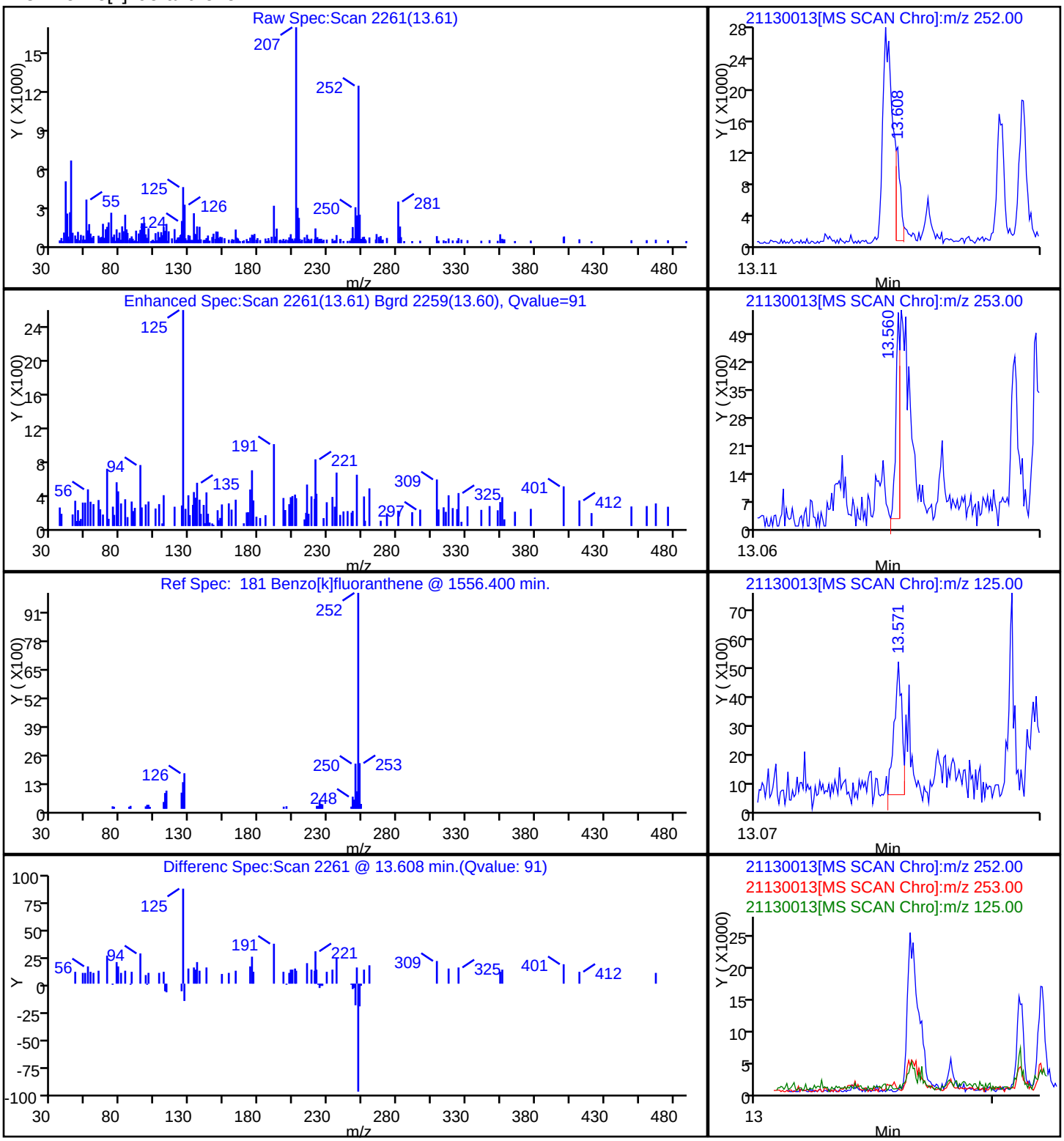
Report Date: 03-Dec-2012 10:35:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D

Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

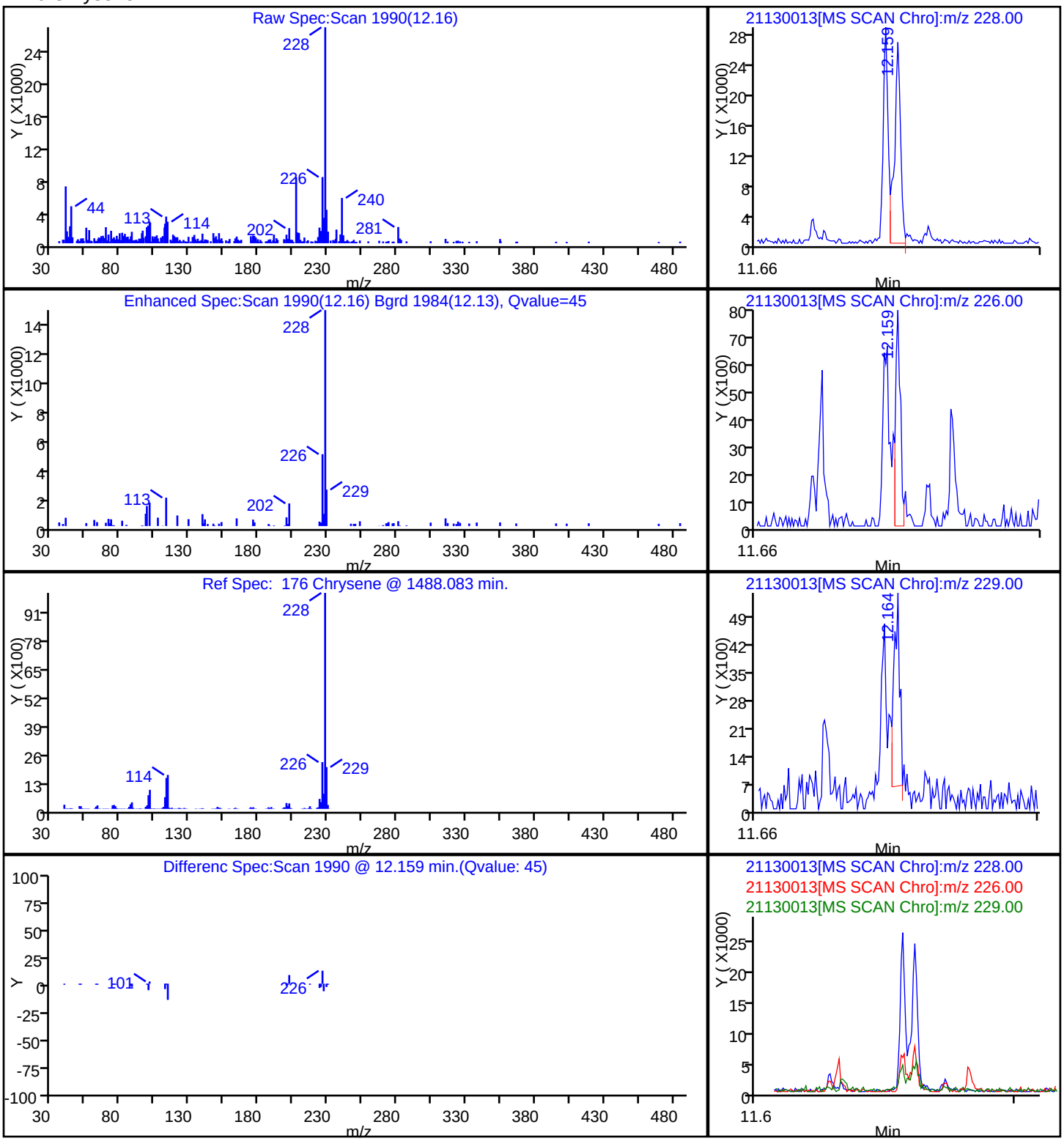


Report Date: 03-Dec-2012 10:35:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D		
Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



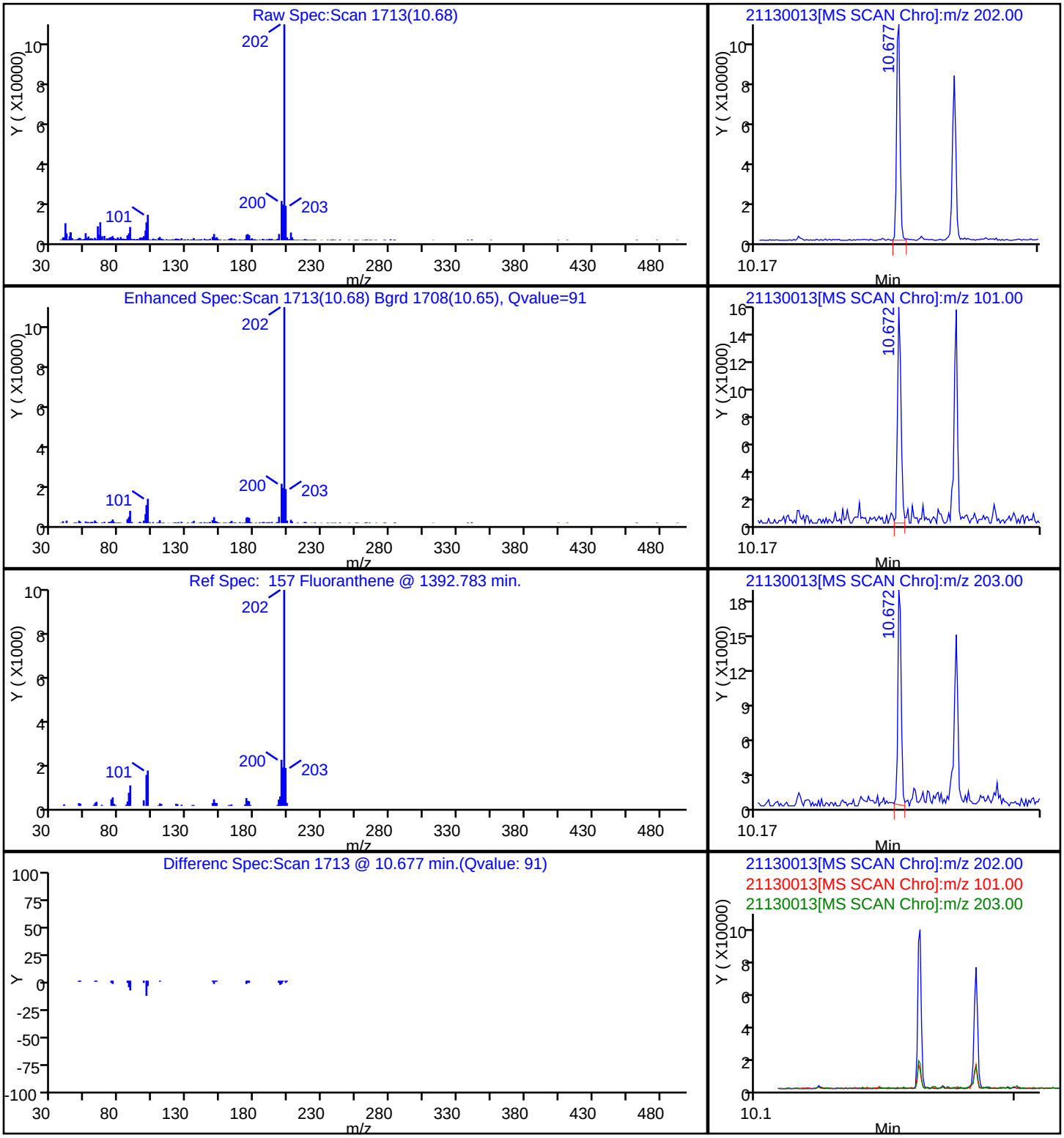
Report Date: 03-Dec-2012 10:35:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D

Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene

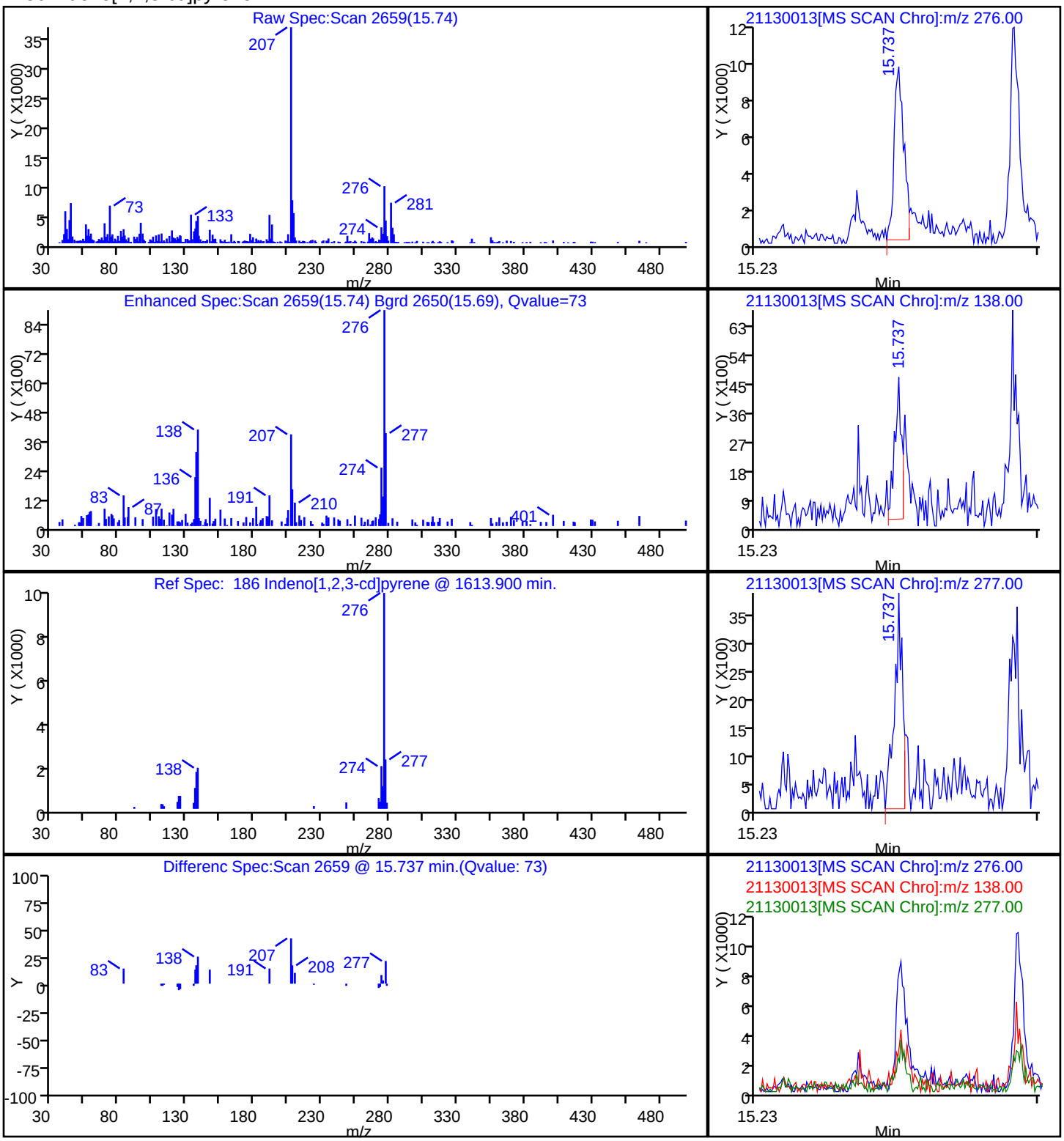


Report Date: 03-Dec-2012 10:35:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D		
Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



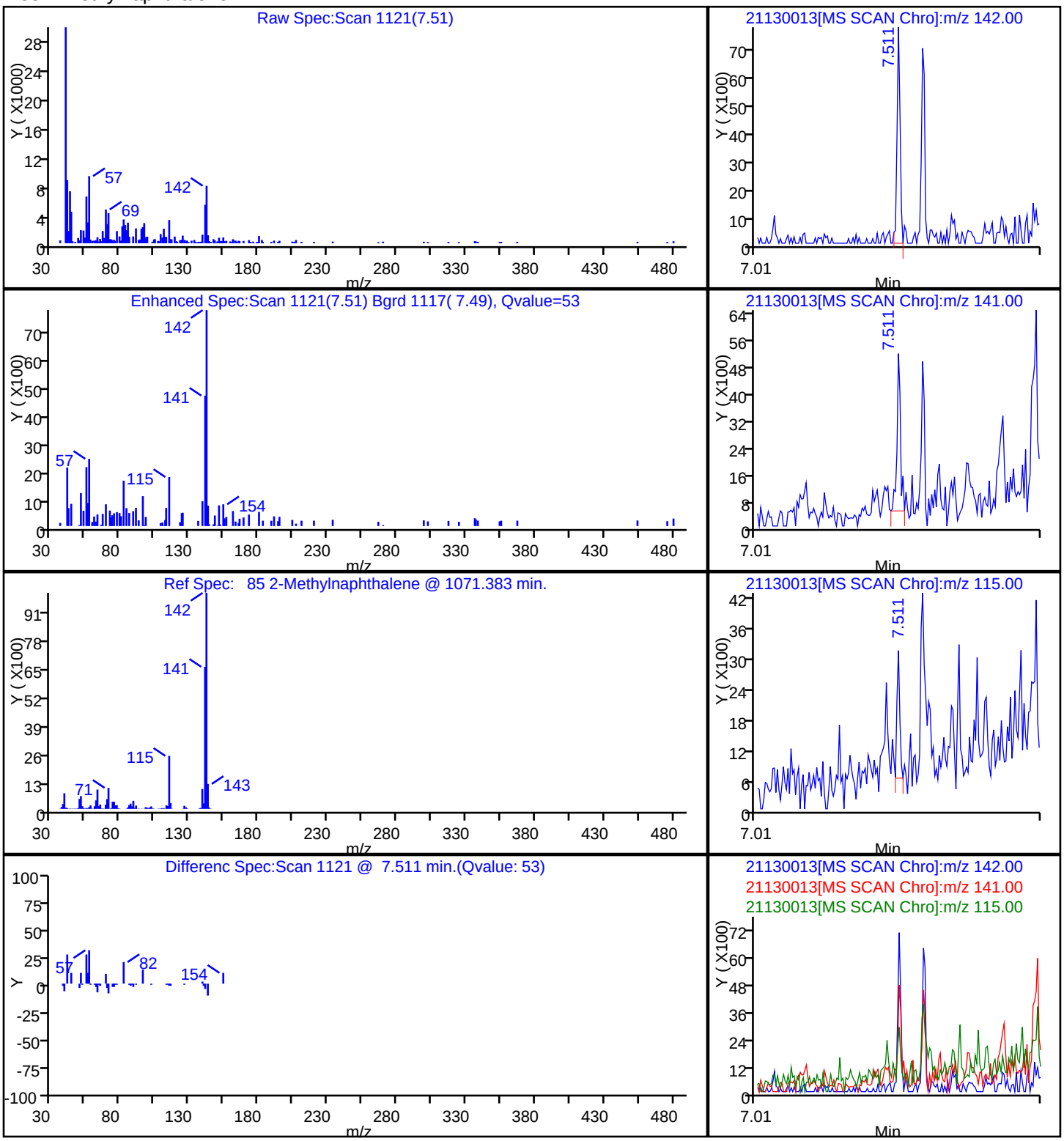
Report Date: 03-Dec-2012 10:35:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D

Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

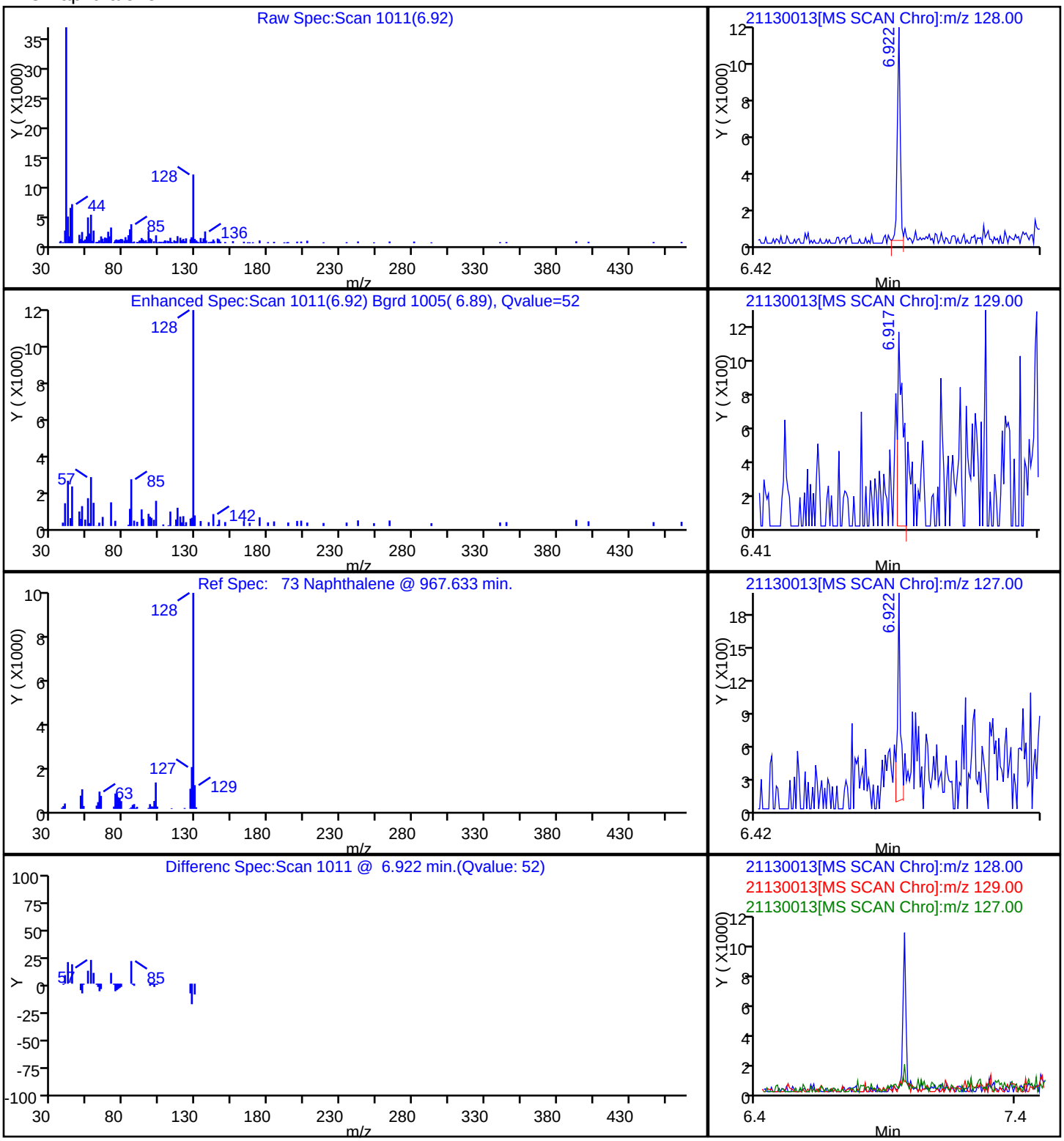


Report Date: 03-Dec-2012 10:35:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D		
Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



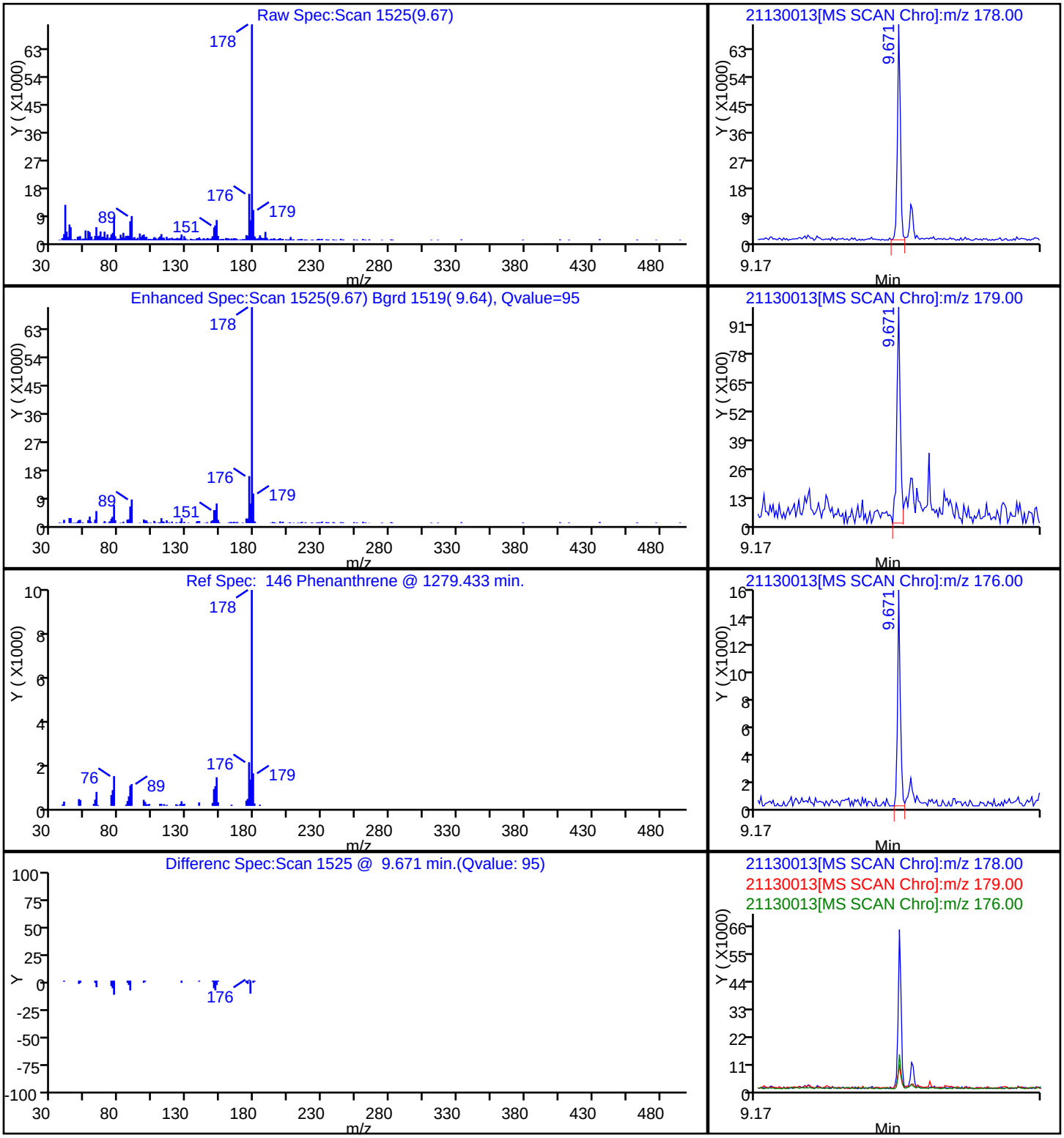
Report Date: 03-Dec-2012 10:35:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D

Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



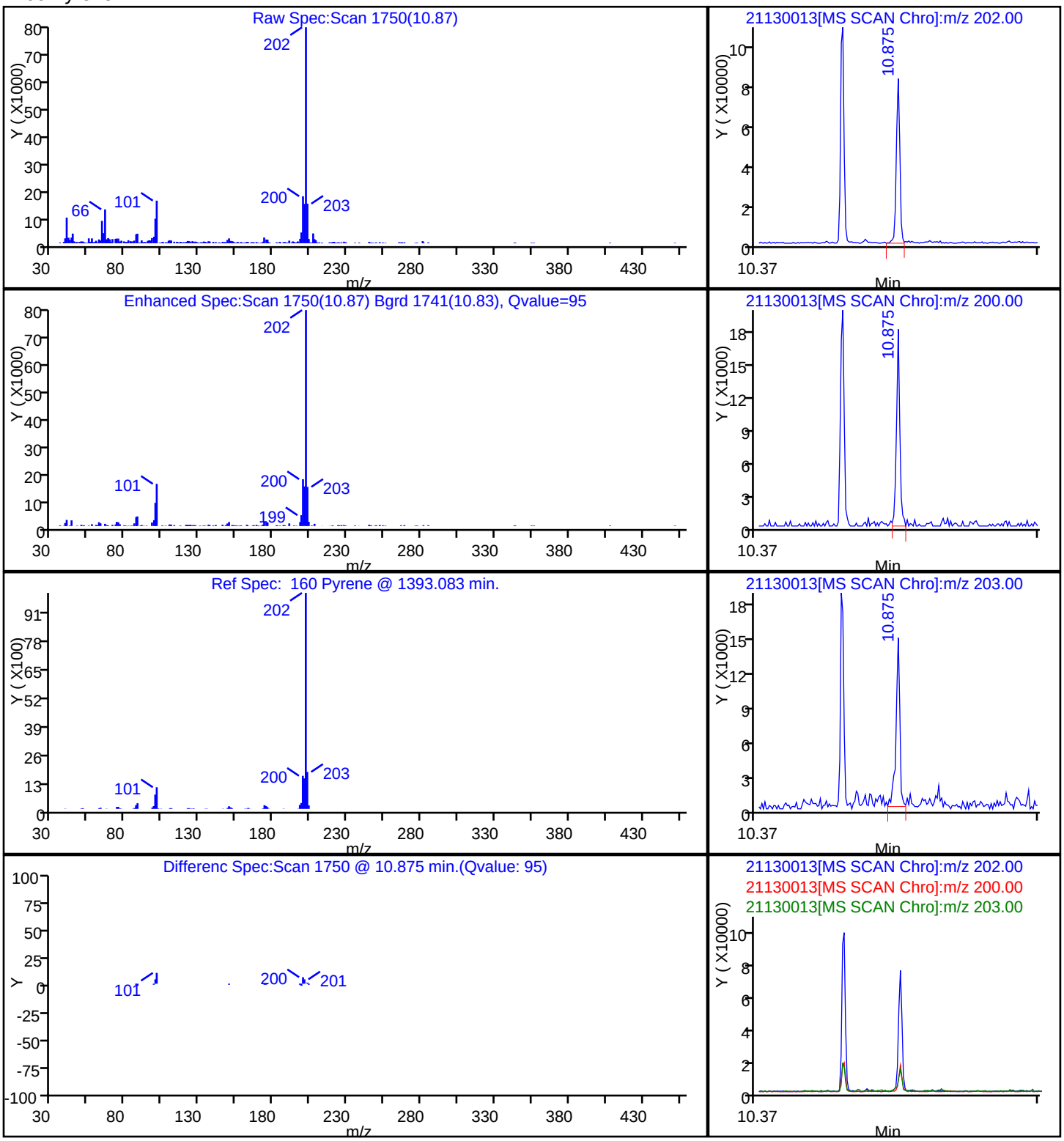
Report Date: 03-Dec-2012 10:35:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D

Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

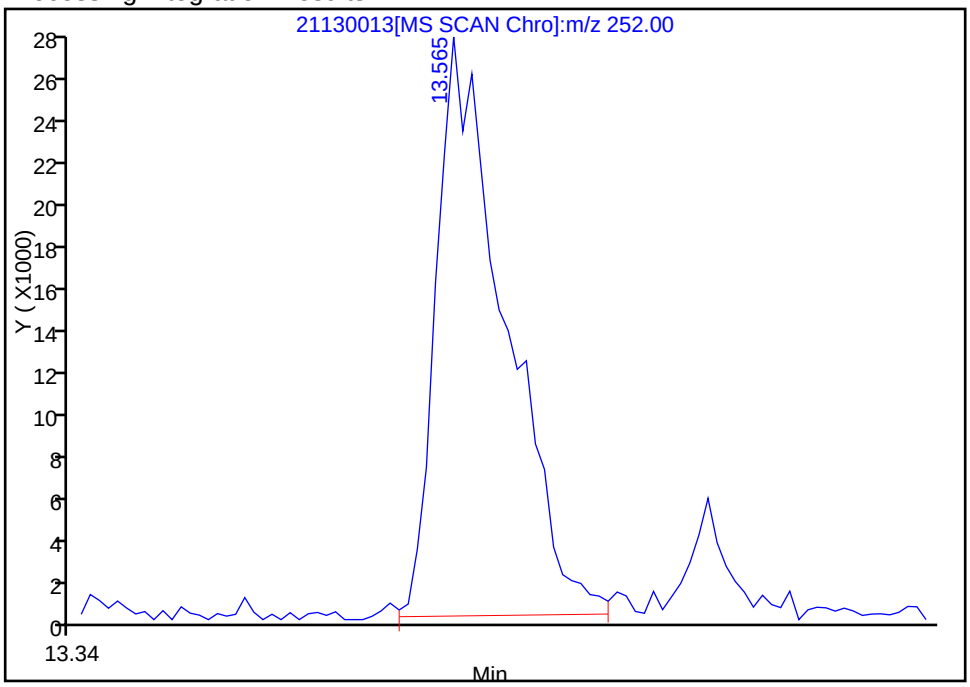
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D		
Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
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: 13.57

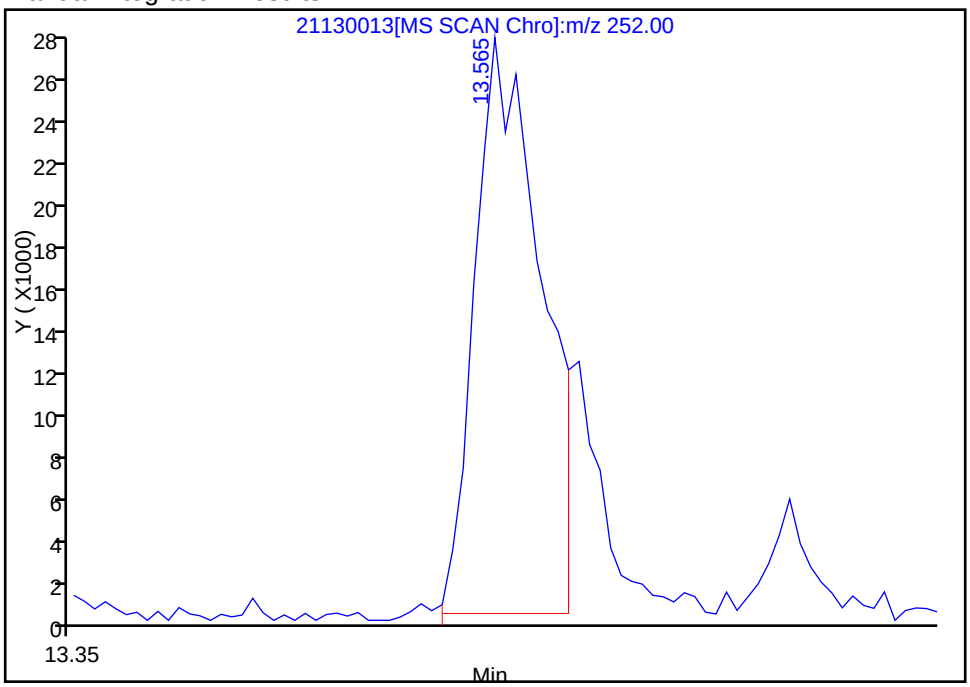
Processing Integration Results

RT: 13.57
Response: 76482
Amount: 0.470348



Manual Integration Results

RT: 13.57
Response: 63790
Amount: 0.392295



Reviewer: gruberj, 30-Nov-2012 14:47:28
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

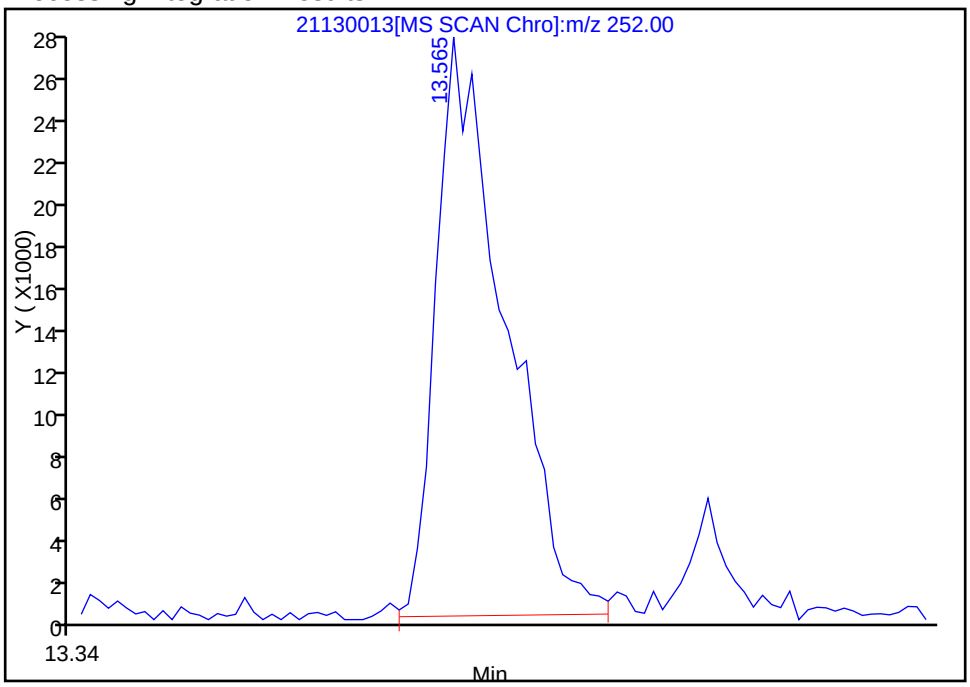
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130013.D		
Injection Date:	30-Nov-2012 13:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0035M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	13
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: 13.61

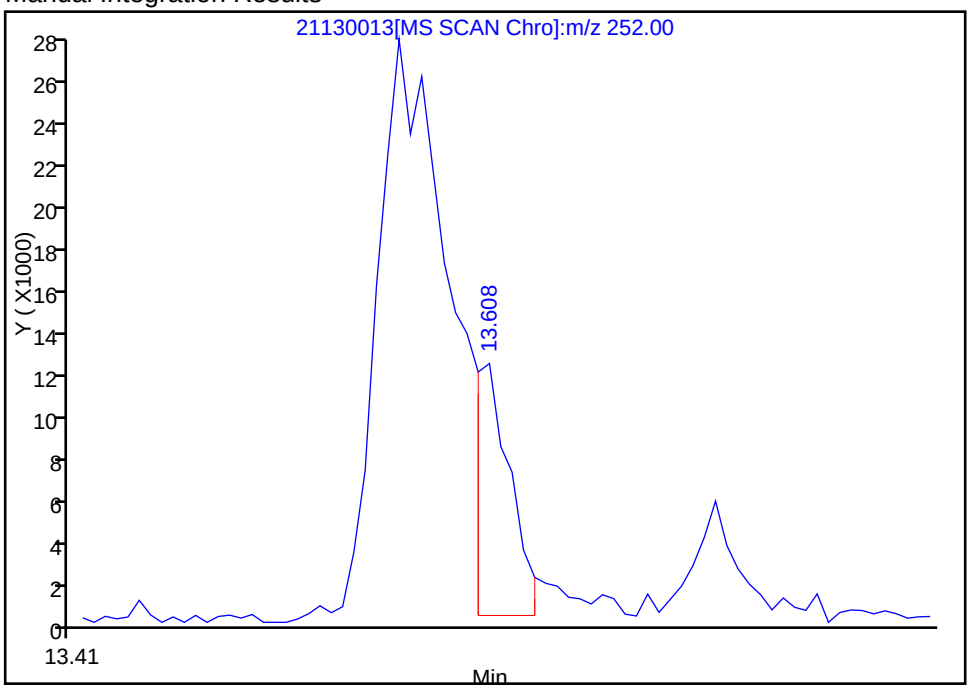
Processing Integration Results

RT: 13.57
Response: 76482
Amount: 0.432855



Manual Integration Results

RT: 13.61
Response: 13741
Amount: 0.077768



Reviewer: gruberj, 30-Nov-2012 14:47:28
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0036M-0001-SO | Lab Sample ID: 240-17768-23

Matrix: Solid | Lab File ID: 21130006.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.03(g) | Date Analyzed: 11/30/2012 10:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	16	U	33	16	16
208-96-8	Acenaphthylene	16	U	33	16	16
120-12-7	Anthracene	16	U	33	16	16
56-55-3	Benzo[a]anthracene	16	U	33	16	16
50-32-8	Benzo[a]pyrene	16	U	33	16	16
205-99-2	Benzo[b]fluoranthene	16	U	33	16	16
191-24-2	Benzo[g,h,i]perylene	16	U	33	16	16
65-85-0	Benzoic acid	1700	U	3300	1700	1700
207-08-9	Benzo[k]fluoranthene	16	U	33	16	16
100-51-6	Benzyl alcohol	130	U	1600	130	100
111-91-1	Bis(2-chloroethoxy)methane	130	U	500	130	110
111-44-4	Bis(2-chloroethyl)ether	16	U	500	16	10
108-60-1	bis (2-chloroisopropyl) ether	130	U	500	130	47
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	250	130	95
101-55-3	4-Bromophenyl phenyl ether	130	U	250	130	65
85-68-7	Butyl benzyl phthalate	130	U	250	130	50
86-74-8	Carbazole	130	U	250	130	130
106-47-8	4-Chloroaniline	130	U J	750	130	85
59-50-7	4-Chloro-3-methylphenol	130	U	750	130	100
91-58-7	2-Chloronaphthalene	16	U	250	16	16
95-57-8	2-Chlorophenol	130	U	250	130	130
7005-72-3	4-Chlorophenyl phenyl ether	130	U	250	130	65
218-01-9	Chrysene	16	U	33	16	5.5
53-70-3	Dibenz(a,h)anthracene	16	U	33	16	16
132-64-9	Dibenzofuran	16	U	250	16	16
95-50-1	1,2-Dichlorobenzene	130	U	250	130	48
541-73-1	1,3-Dichlorobenzene	130	U	250	130	55
106-46-7	1,4-Dichlorobenzene	130	U	250	130	100
91-94-1	3,3'-Dichlorobenzidine	400	U	500	400	90
120-83-2	2,4-Dichlorophenol	130	U	750	130	100
84-66-2	Diethyl phthalate	130	U	250	130	80
105-67-9	2,4-Dimethylphenol	400	U J	750	400	100
131-11-3	Dimethyl phthalate	130	U	250	130	85
84-74-2	Di-n-butyl phthalate	130	U	250	130	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0036M-0001-SO | Lab Sample ID: 240-17768-23

Matrix: Solid | Lab File ID: 21130006.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.03(g) | Date Analyzed: 11/30/2012 10:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	400	U	750	400	400
51-28-5	2,4-Dinitrophenol	400	U J	1600	400	400
121-14-2	2,4-Dinitrotoluene	130	U	1000	130	130
606-20-2	2,6-Dinitrotoluene	130	U	1000	130	100
117-84-0	Di-n-octyl phthalate	130	U	250	130	130
206-44-0	Fluoranthene	16	U	33	16	16
86-73-7	Fluorene	16	U	33	16	16
118-74-1	Hexachlorobenzene	16	U	33	16	10
87-68-3	Hexachlorobutadiene	130	U	250	130	130
77-47-4	Hexachlorocyclopentadiene	130	U	1600	130	130
67-72-1	Hexachloroethane	130	U	250	130	45
193-39-5	Indeno[1,2,3-cd]pyrene	16	U	33	16	16
78-59-1	Isophorone	130	U	250	130	65
91-57-6	2-Methylnaphthalene	16	U	33	16	16
95-48-7	2-Methylphenol	400	U J	1000	400	400
15831-10-4	3 & 4 Methylphenol	400	U	2000	400	100
91-20-3	Naphthalene	16	U	33	16	16
88-74-4	2-Nitroaniline	130	U J	1000	130	45
99-09-2	3-Nitroaniline	400	U J	1000	400	80
100-01-6	4-Nitroaniline	130	U	1000	130	130
98-95-3	Nitrobenzene	16	U	500	16	11
88-75-5	2-Nitrophenol	130	U	250	130	130
100-02-7	4-Nitrophenol	400	U J	1600	400	400
621-64-7	N-Nitrosodi-n-propylamine	130	U J	250	130	130
86-30-6	N-Nitrosodiphenylamine	130	U	250	130	100
87-86-5	Pentachlorophenol	400	U	750	400	400
85-01-8	Phenanthrene	16	U	33	16	16
108-95-2	Phenol	130	U	250	130	130
129-00-0	Pyrene	16	U	33	16	16
120-82-1	1,2,4-Trichlorobenzene	130	U	250	130	130
95-95-4	2,4,5-Trichlorophenol	130	U	750	130	120
88-06-2	2,4,6-Trichlorophenol	400	U	750	400	400

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0036M-0001-SO | Lab Sample ID: 240-17768-23

Matrix: Solid | Lab File ID: 21130006.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.03(g) | Date Analyzed: 11/30/2012 10:24

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	70		45-105
367-12-4	2-Fluorophenol (Surr)	73		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	73		35-100
4165-62-2	Phenol-d5 (Surr)	70		40-100
1718-51-0	Terphenyl-d14 (Surr)	75		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	65		35-125

Report Date: 03-Dec-2012 10:35:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130006.D
Lims ID: 240-17768-E-23-D Client ID: 076SB-0036M-0001-SO
Inject. Date: 30-Nov-2012 10:24:30 Dil. Factor: 5.0000
Sample Type: Client
Sample ID: 240-0015418-006
Misc. Info.: 240-17768-e-23-d
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 66878 Lims Sample ID: 6
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m
Last Update: 03-Dec-2012 10:35:45 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: XAWRK014

First Level Reviewer: gruberj Date: 30-Nov-2012 13:36:25

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.783	5.778	0.005	95	131663	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	99	511396	4.00	
* 3 Acenaphthene-d10	164	8.398	8.399	-0.001	93	292449	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	98	511198	4.00	
* 5 Chrysene-d12	240	12.126	12.132	-0.006	98	528200	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	92	459926	4.00	
$ 7 2-Fluorophenol	112	4.521	4.494	0.027	91	88554	2.18	
$ 8 Phenol-d5	99	5.435	5.425	0.010	96	108725	2.10	
$ 9 Nitrobenzene-d5	82	6.270	6.270	0.0	87	65437	1.46	
$ 10 2-Fluorobiphenyl (Surr)	172	7.815	7.816	-0.001	98	133533	1.41	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	86	23458	1.94	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	97	146392	1.50	
41 Phenol	94		5.441					9
44 Bis(2-chloroethyl)ether	93		5.532					
46 2-Chlorophenol	128		5.585					
47 1,3-Dichlorobenzene	146		5.724					9
48 1,4-Dichlorobenzene	146		5.794					9
49 Benzyl alcohol	108		5.895					9
50 1,2-Dichlorobenzene	146		5.933					
51 2-Methylphenol	108		5.992					9
52 2,2'-oxybis[1-chloropropane]	45		6.019					
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					
60 Hexachloroethane	117		6.238					
61 Nitrobenzene	77		6.291					
63 Isophorone	82		6.495					9
65 2-Nitrophenol	139		6.569					9
64 2,4-Dimethylphenol	107		6.591					9
69 Benzoic acid	122		6.660					9
68 Bis(2-chloroethoxy)methane	93		6.676					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.773					
72 1,2,4-Trichlorobenzene	180		6.848					
73 Naphthalene	128		6.922					9
74 4-Chloroaniline	127		6.960					9
77 Hexachlorobutadiene	225		7.019					
84 4-Chloro-3-methylphenol	107		7.361					9
85 2-Methylnaphthalene	142		7.511					
88 Hexachlorocyclopentadiene	237		7.639					
90 2,4,6-Trichlorophenol	196		7.746					
91 2,4,5-Trichlorophenol	196		7.778					
98 2-Chloronaphthalene	162		7.928					
100 2-Nitroaniline	65		8.003					
103 Dimethyl phthalate	163		8.147					9
105 2,6-Dinitrotoluene	165		8.201					
107 Acenaphthylene	152		8.281					
108 3-Nitroaniline	138		8.351					
110 Acenaphthene	153		8.425					9
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					
112 2,4-Dinitrotoluene	165		8.543					
114 Dibenzofuran	168		8.570					9
119 Diethyl phthalate	149		8.736					9
121 4-Chlorophenyl phenyl ether	204		8.848					
124 Fluorene	166		8.859					9
123 4-Nitroaniline	138		8.864					
126 4,6-Dinitro-2-methylphenol	198		8.885					
130 N-Nitrosodiphenylamine	169		8.944					
137 4-Bromophenyl phenyl ether	248		9.260					
139 Hexachlorobenzene	284		9.324					
141 Pentachlorophenol	266		9.484					
146 Phenanthrene	178		9.672					9
147 Anthracene	178		9.714					9
149 Carbazole	167		9.843					
151 Di-n-butyl phthalate	149		10.105					
157 Fluoranthene	202		10.677					
160 Pyrene	202		10.875					
166 Butyl benzyl phthalate	149		11.447					9
173 3,3'-Dichlorobenzidine	252		12.068					
171 Bis(2-ethylhexyl) phthalate	149		12.089					
175 Benzo[a]anthracene	228		12.116					9
176 Chrysene	228		12.164					9
178 Di-n-octyl phthalate	149		12.961					
180 Benzo[b]fluoranthene	252		13.565					9
181 Benzo[k]fluoranthene	252		13.608					9
182 Benzo[a]pyrene	252		14.052					
186 Indeno[1,2,3-cd]pyrene	276		15.742					9
187 Dibenz(a,h)anthracene	278		15.769					
188 Benzo[g,h,i]perylene	276		16.154					

QC Flag Legend

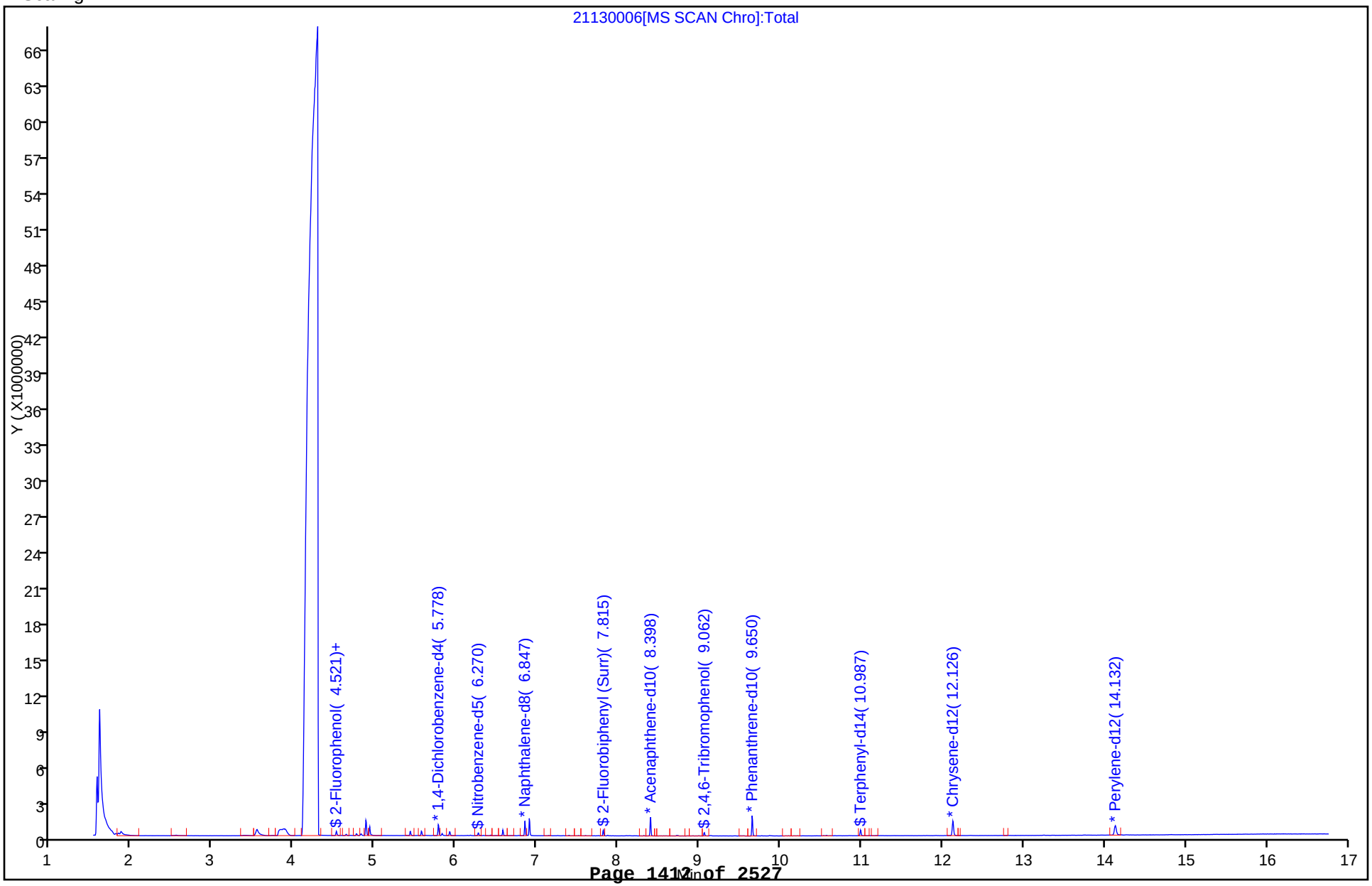
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 03-Dec-2012 10:35:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130006.D		
Injection Date:	30-Nov-2012 10:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SB-0036M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66878	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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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

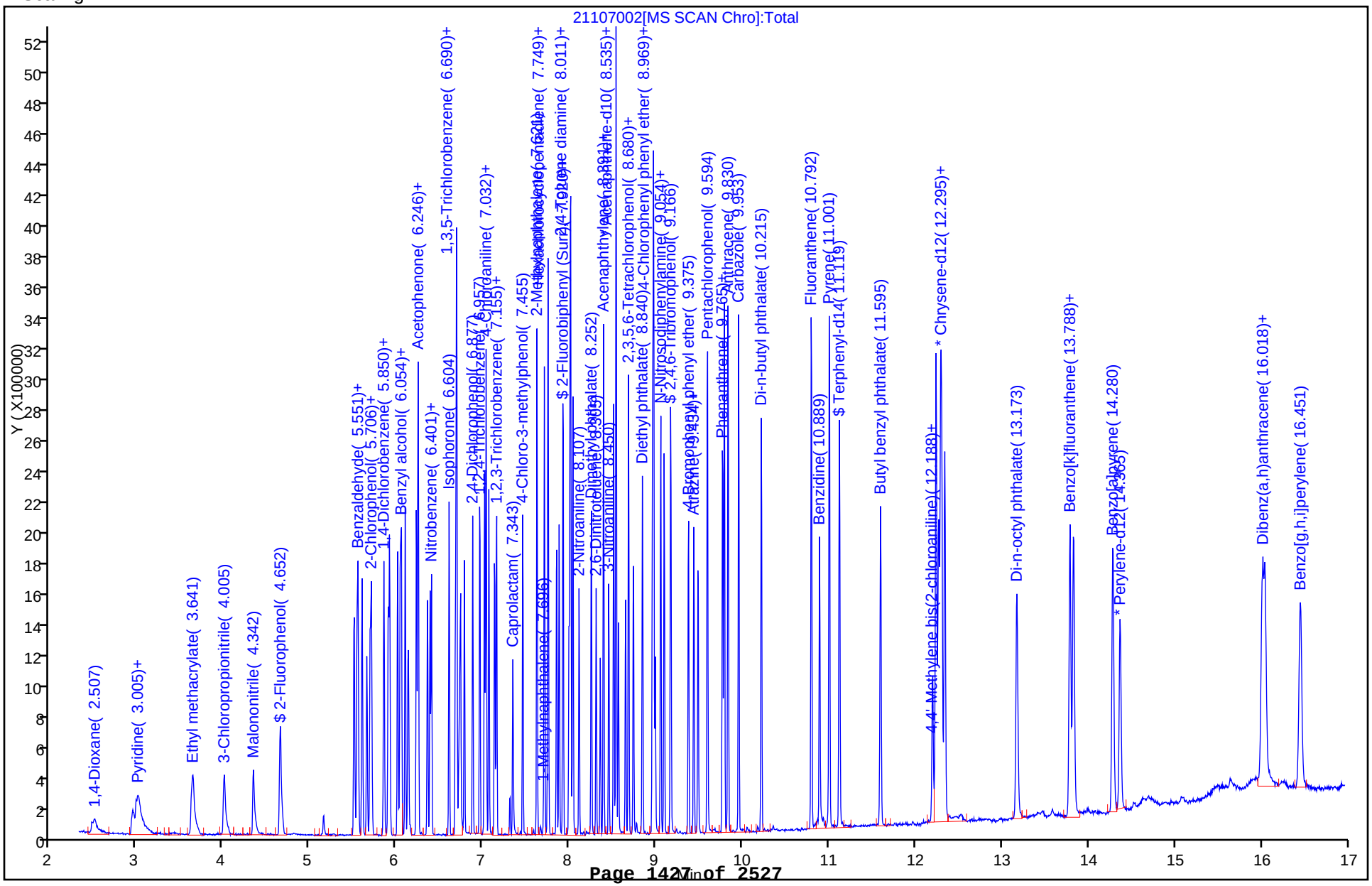
Report Date: 08-Nov-2012 13:38:05 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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

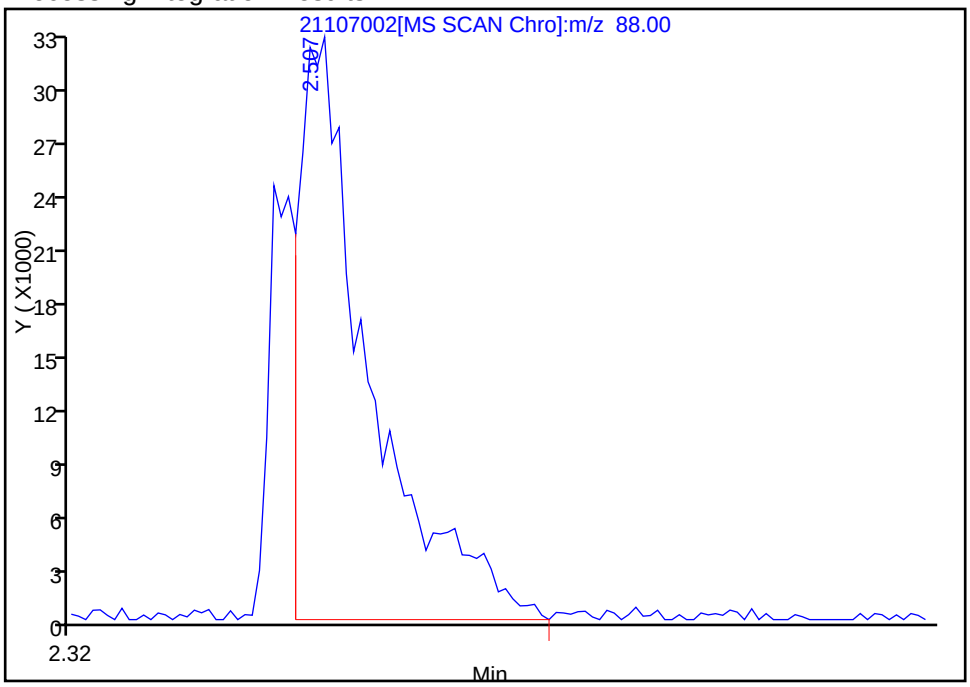
TestAmerica Canton

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

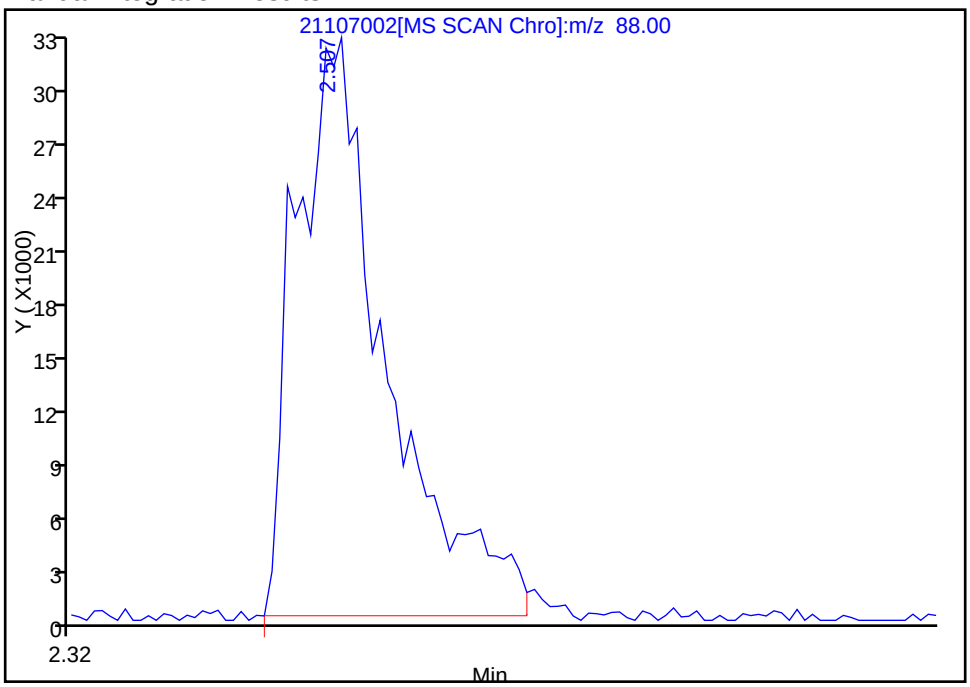
Processing Integration Results

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	

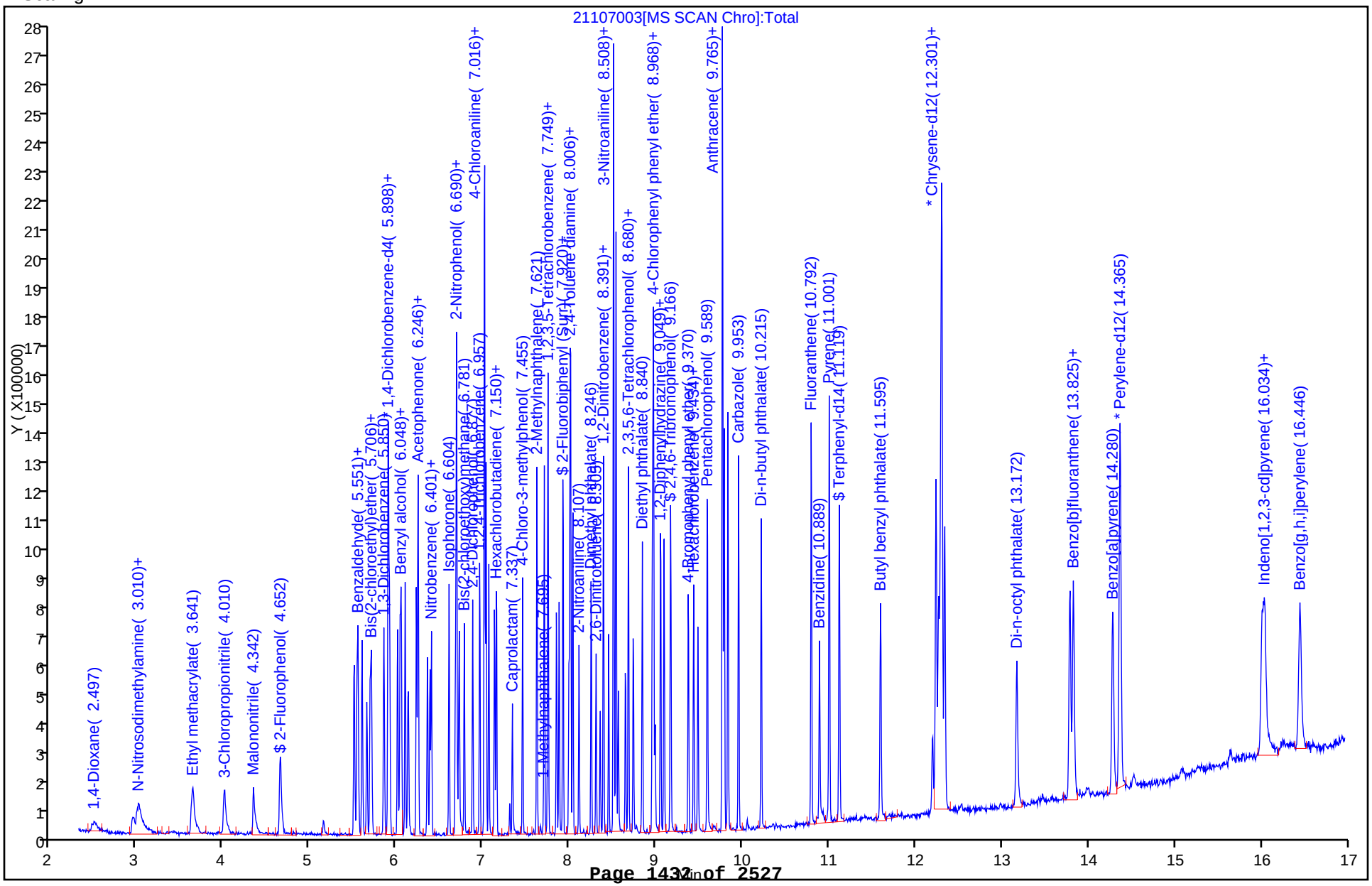
Report Date: 08-Nov-2012 13:38:06 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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

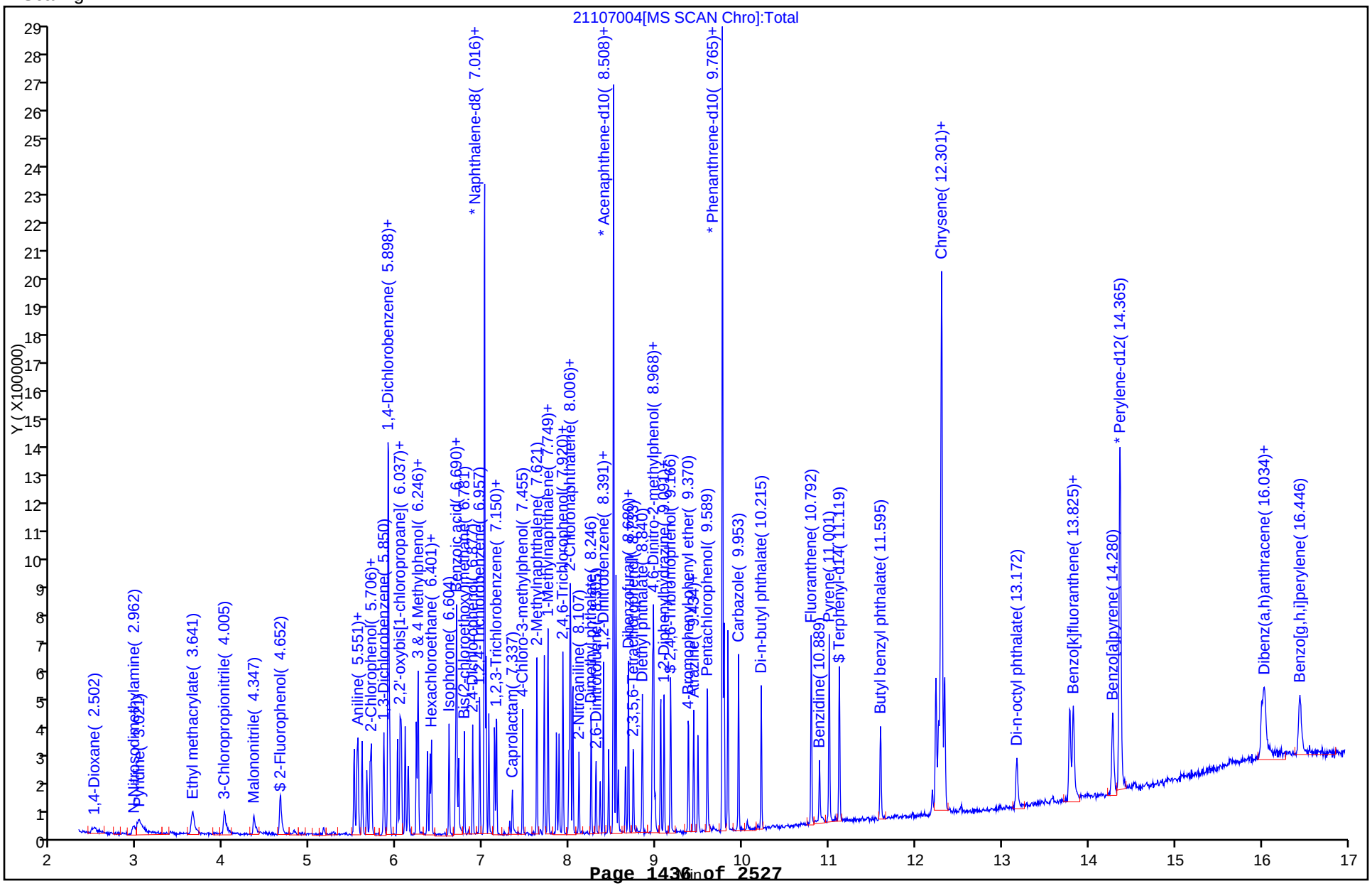
Report Date: 08-Nov-2012 13:38:08 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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

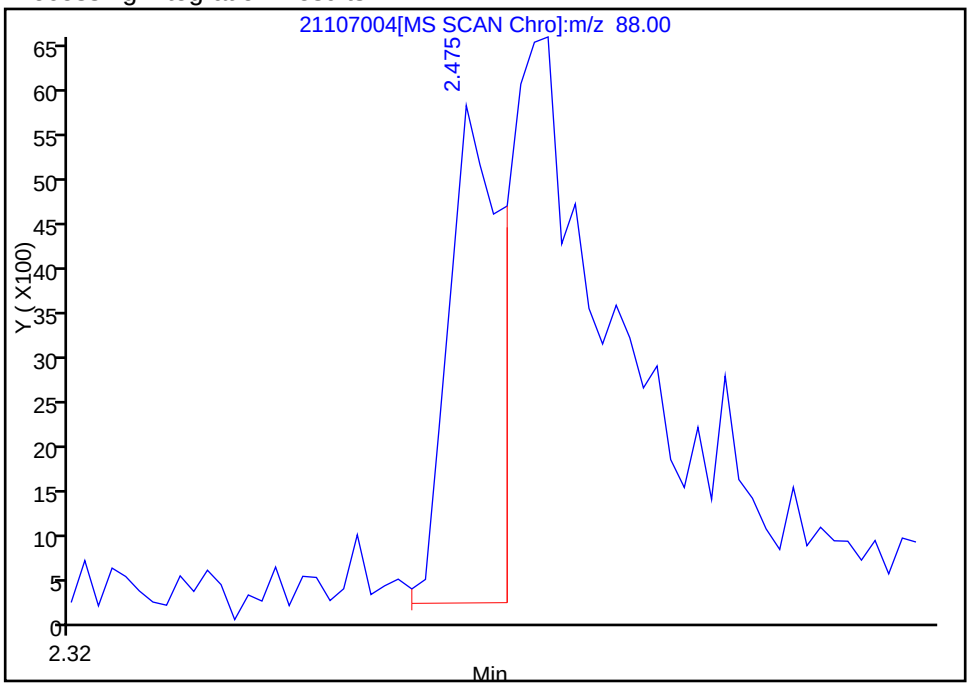
TestAmerica Canton

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

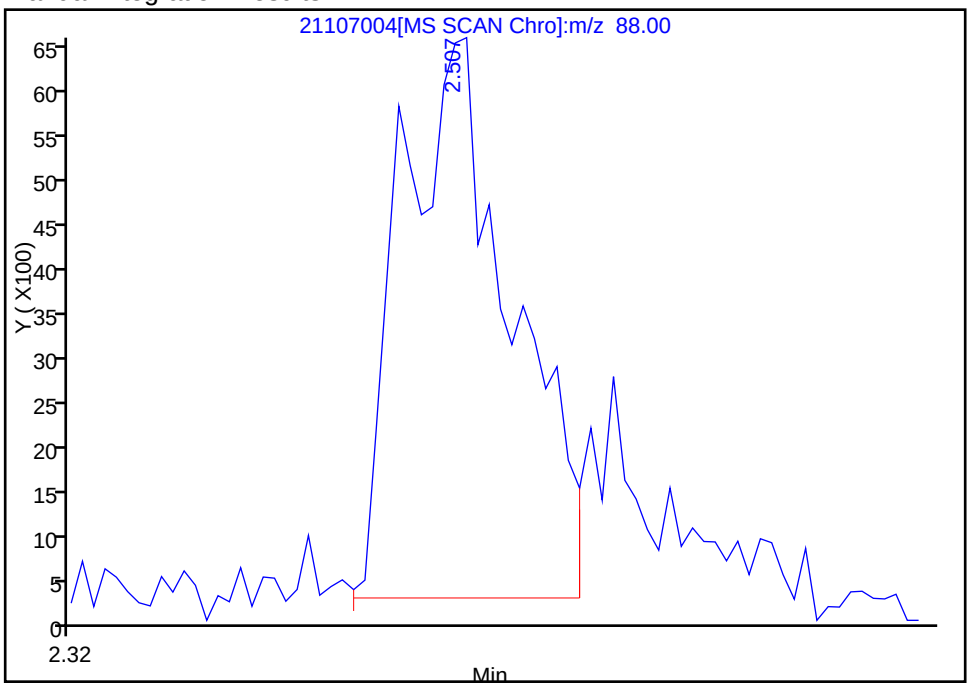
Processing Integration Results

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

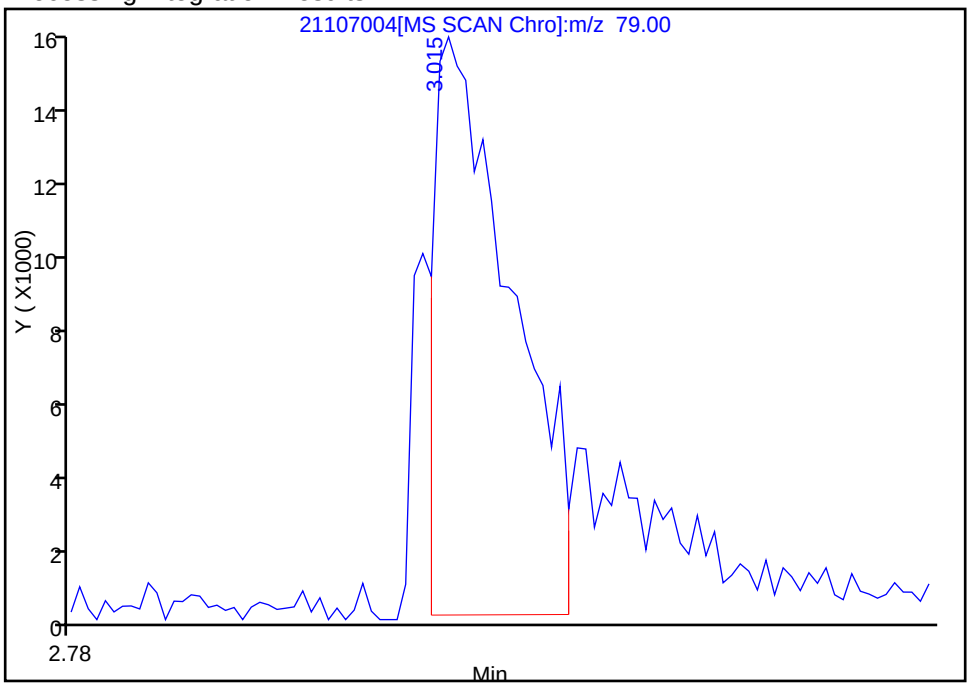
TestAmerica Canton

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

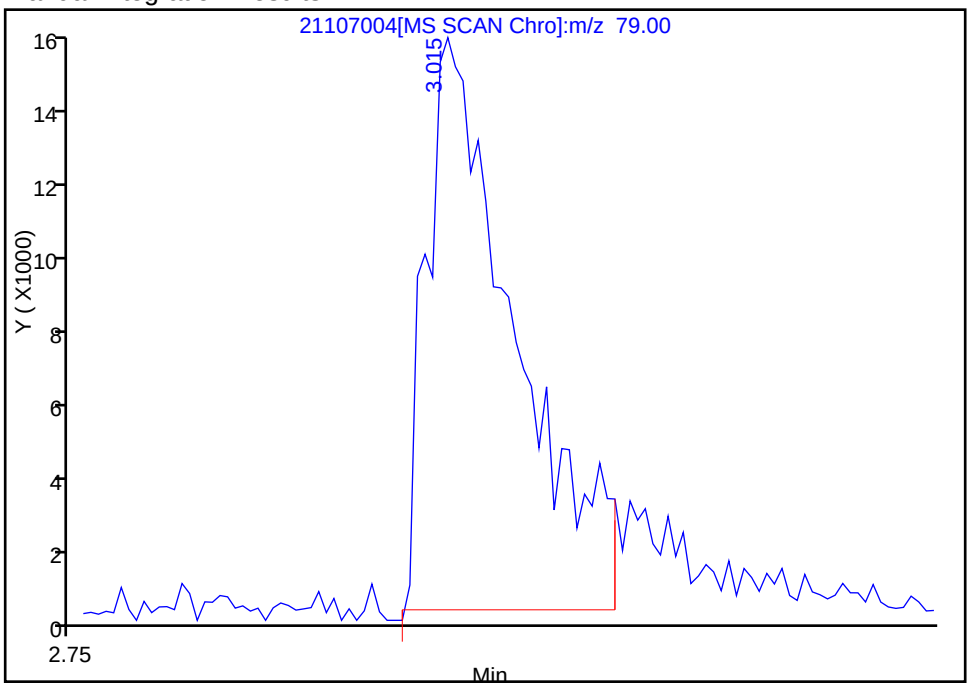
Processing Integration Results

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

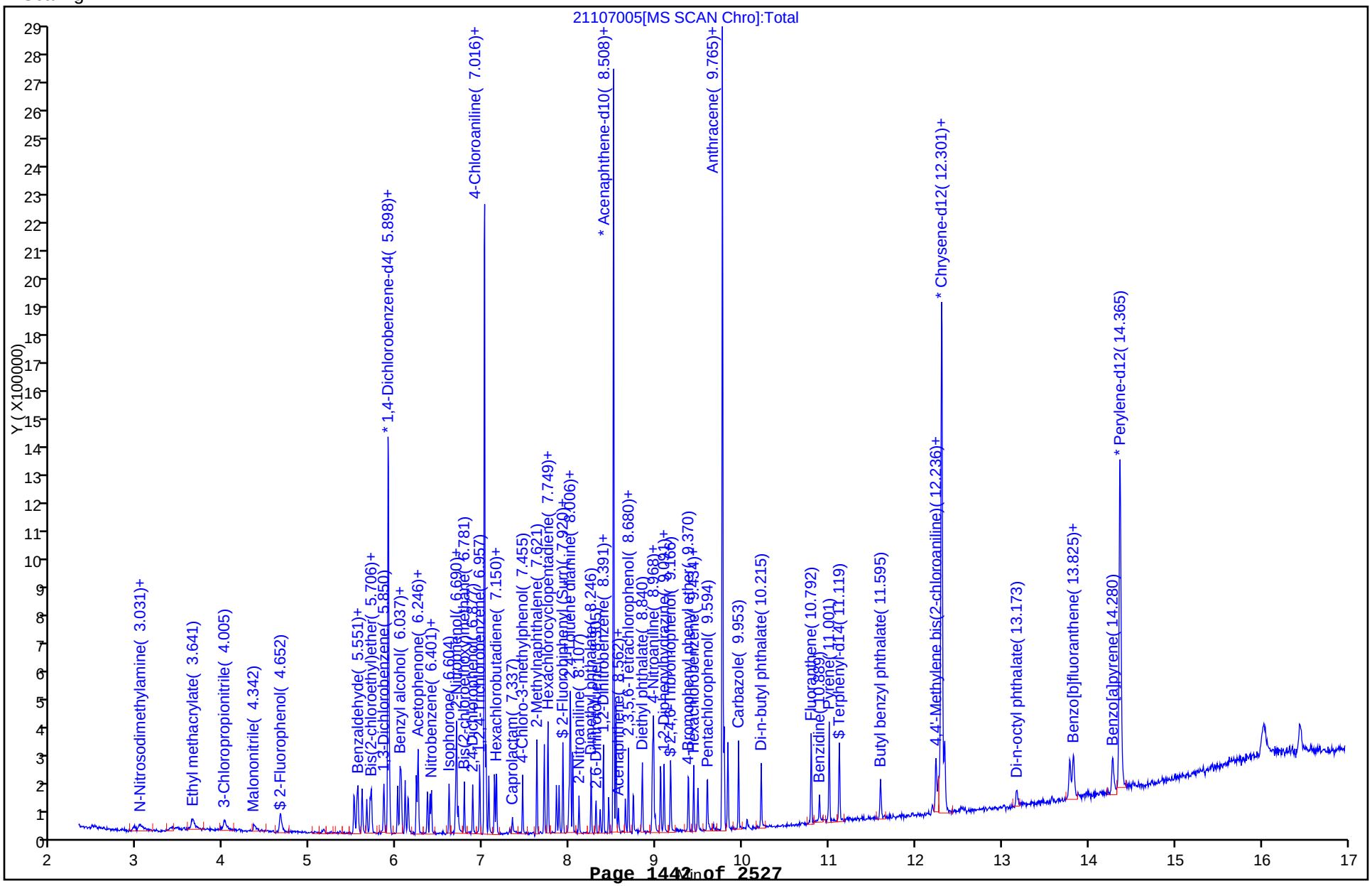
Report Date: 08-Nov-2012 13:38:09 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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

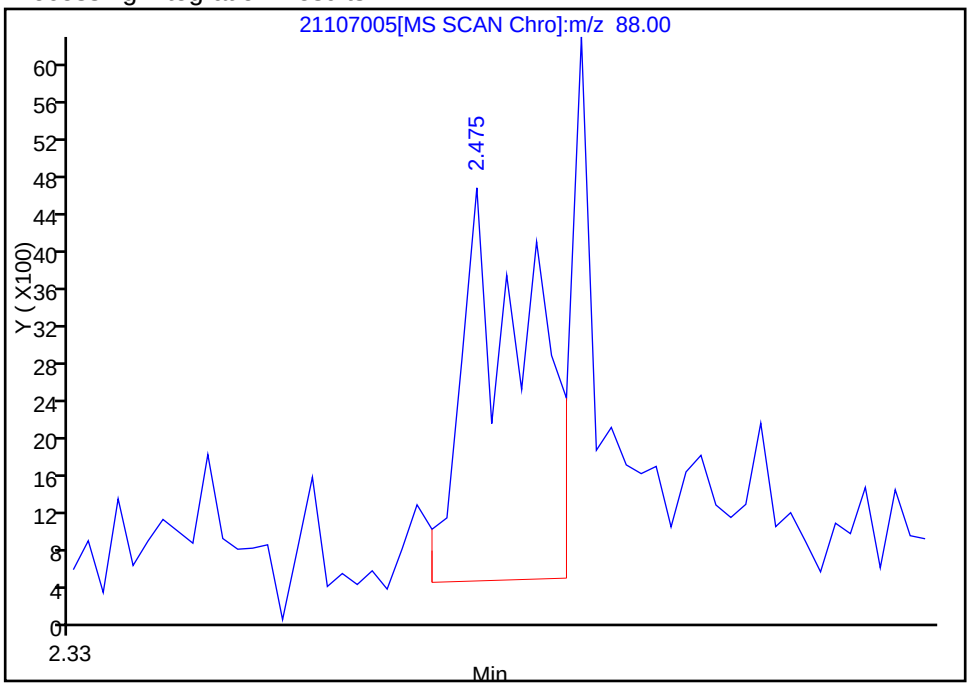
TestAmerica Canton

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

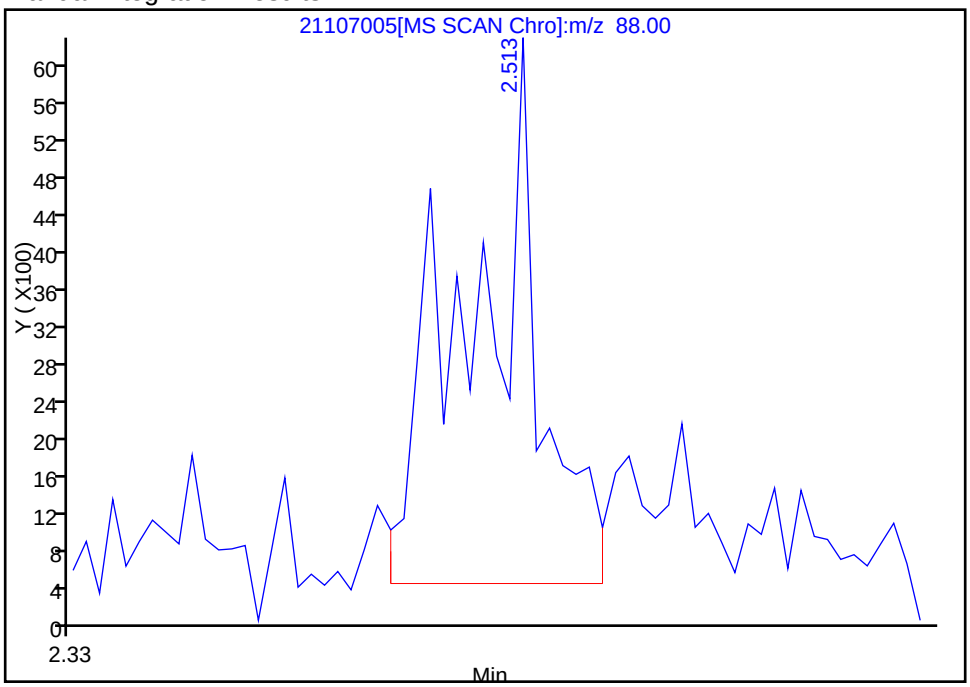
Processing Integration Results

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

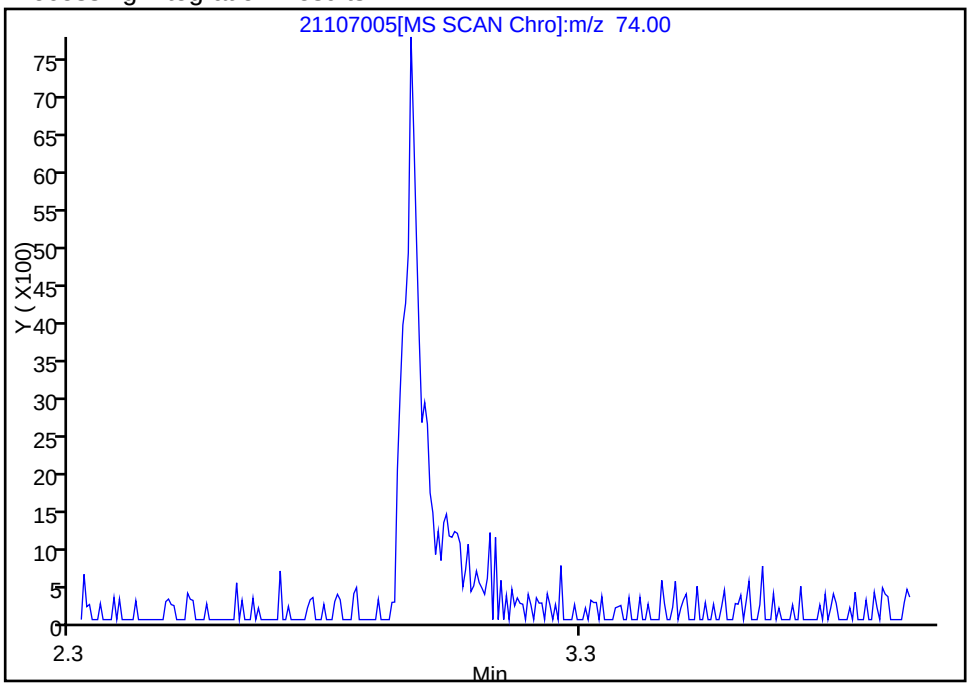
TestAmerica Canton

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

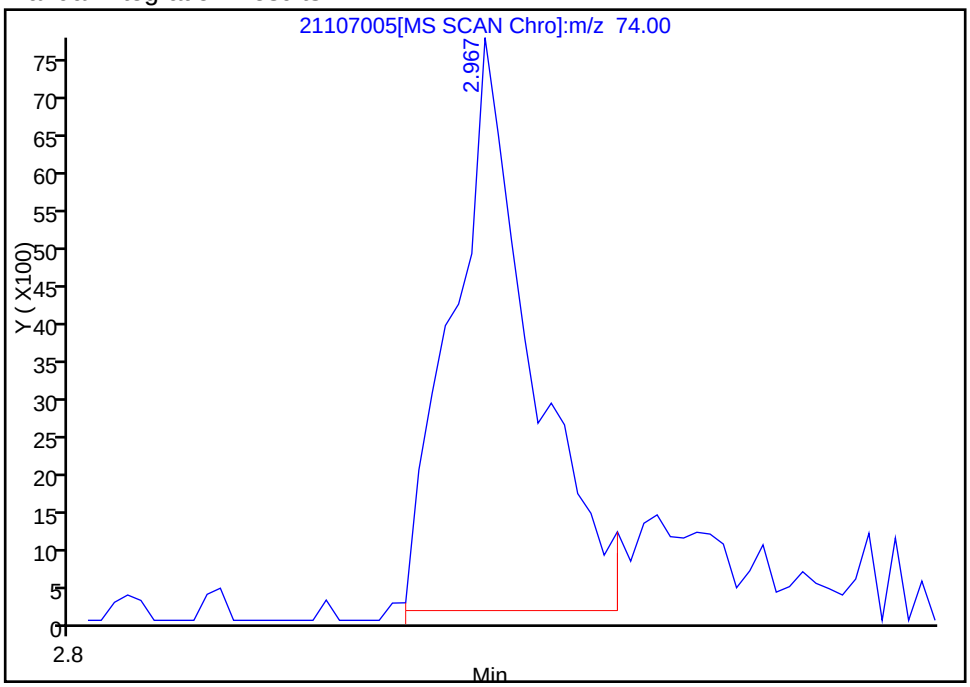
Not Detected
Expected RT: 2.95

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

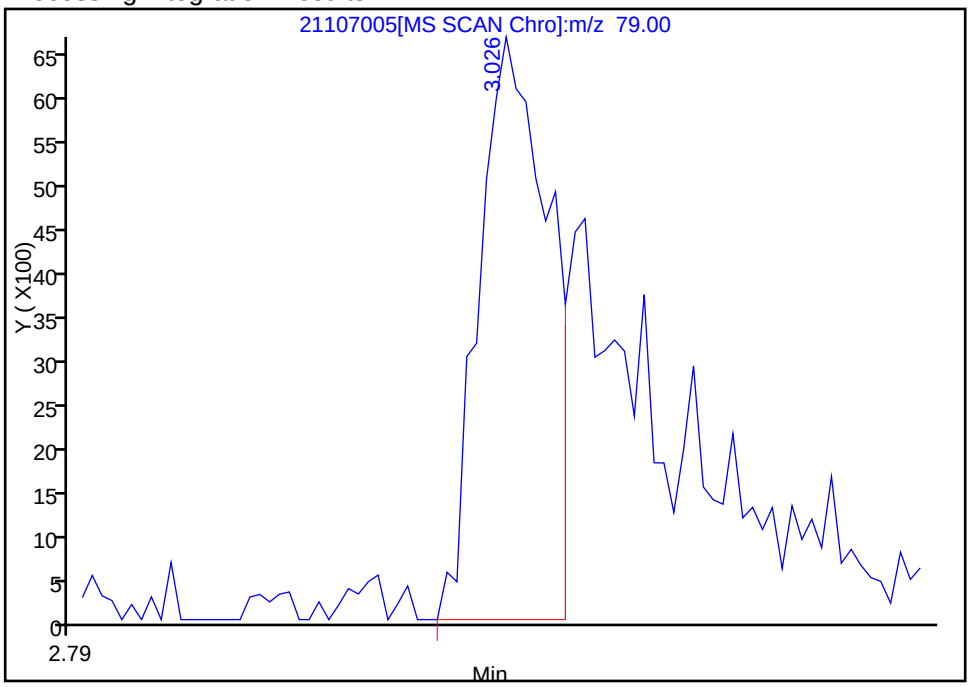
TestAmerica Canton

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

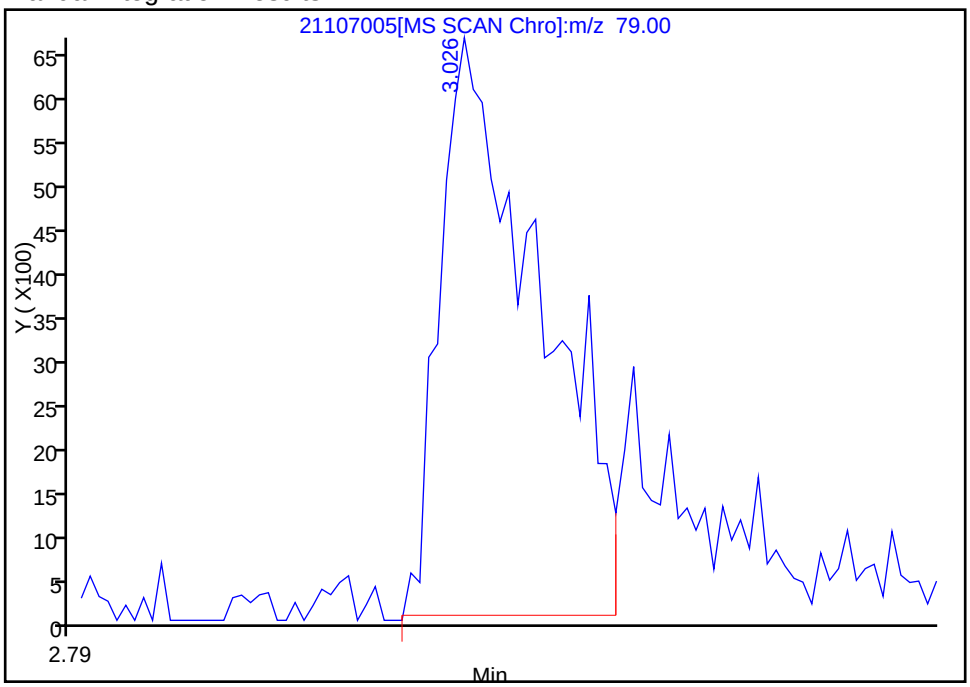
Processing Integration Results

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

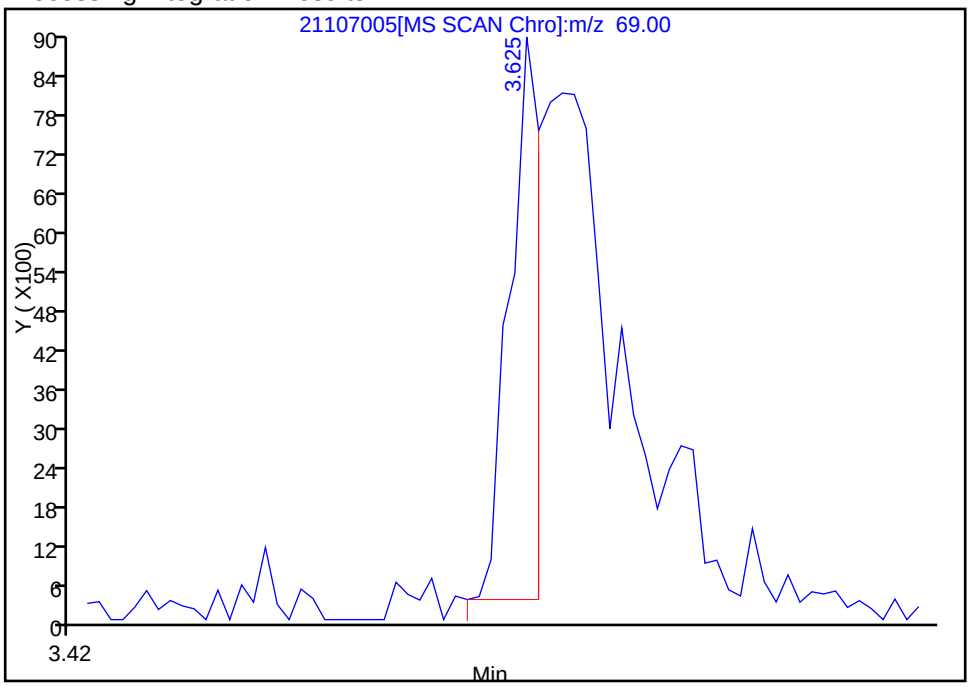
TestAmerica Canton

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

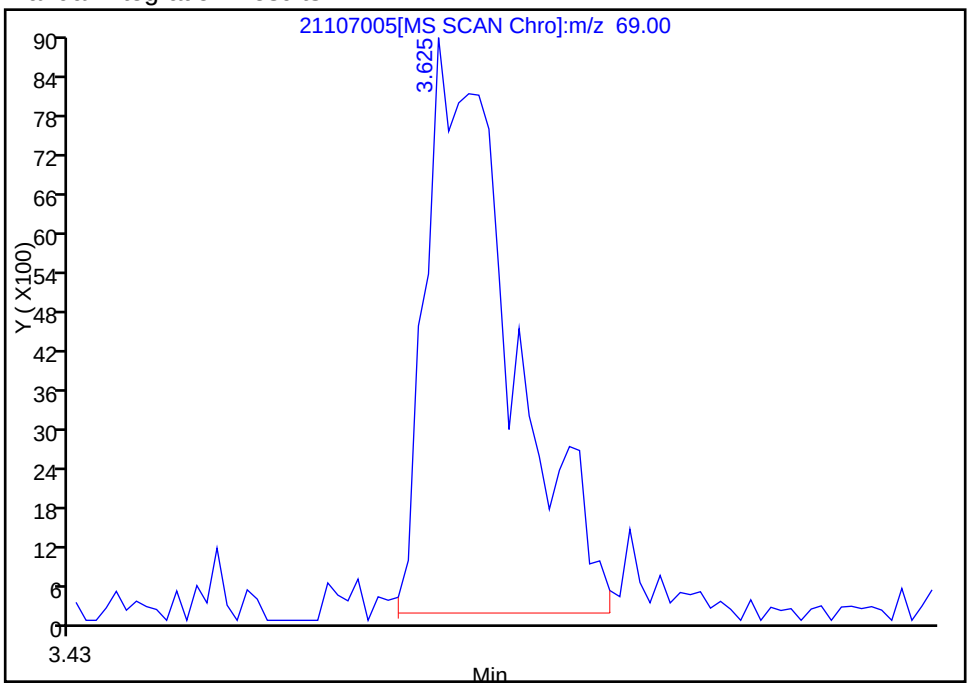
Processing Integration Results

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

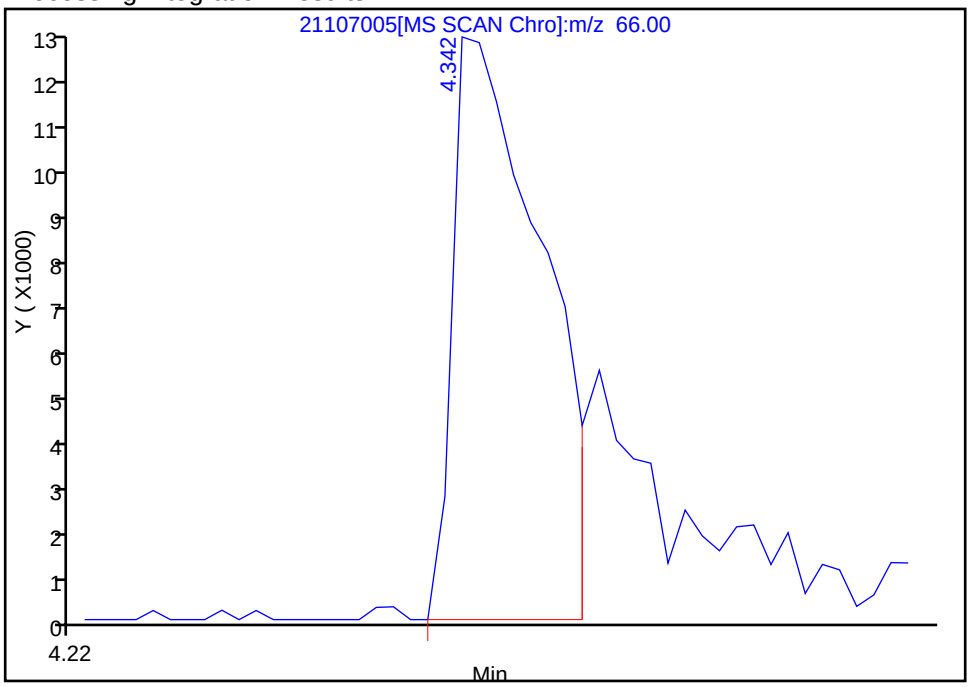
TestAmerica Canton

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

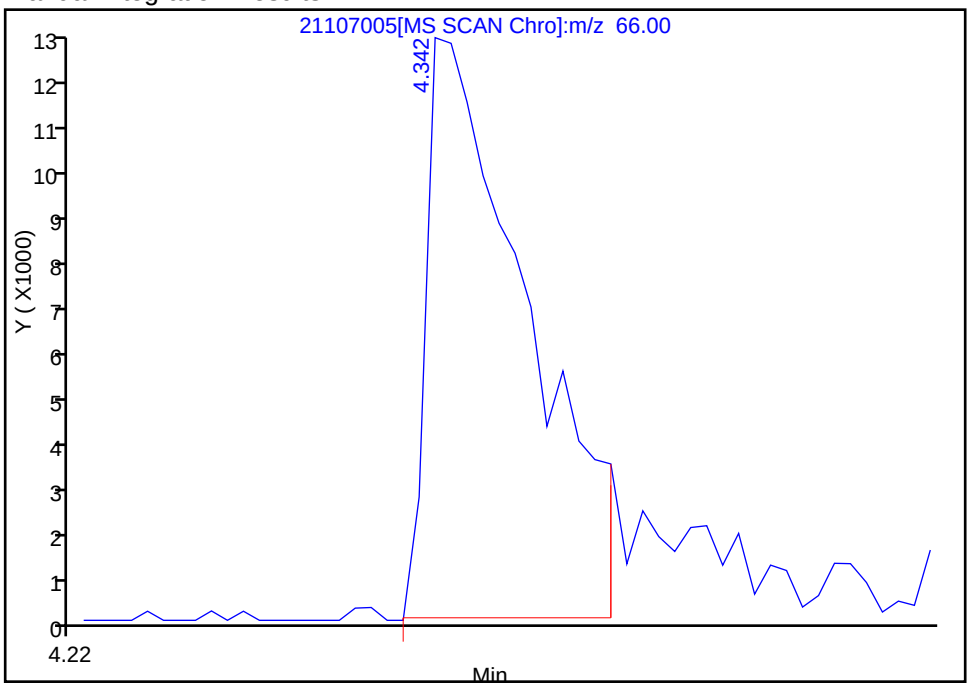
Processing Integration Results

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

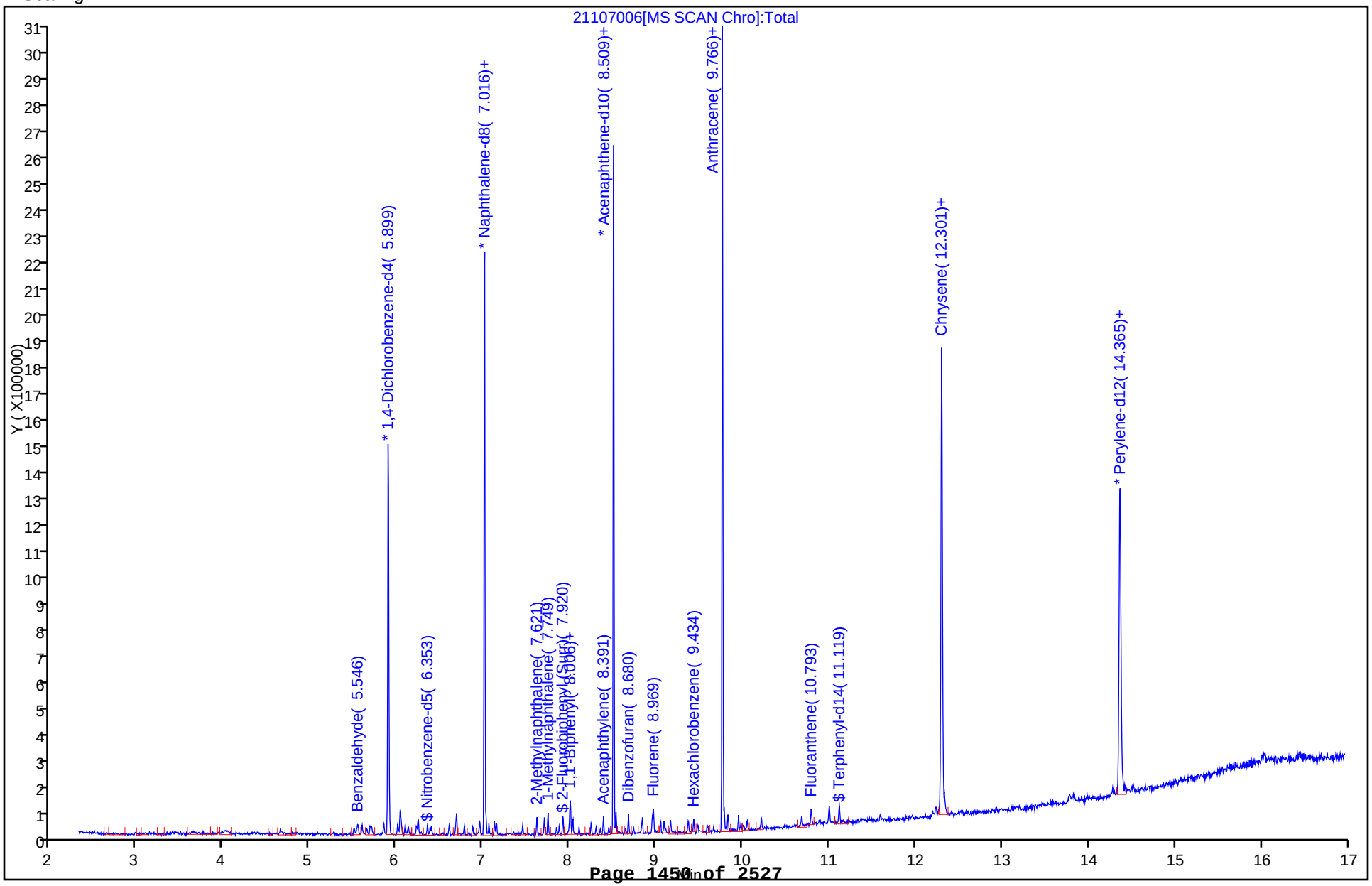
Review Flags
M - Manually Integrated

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

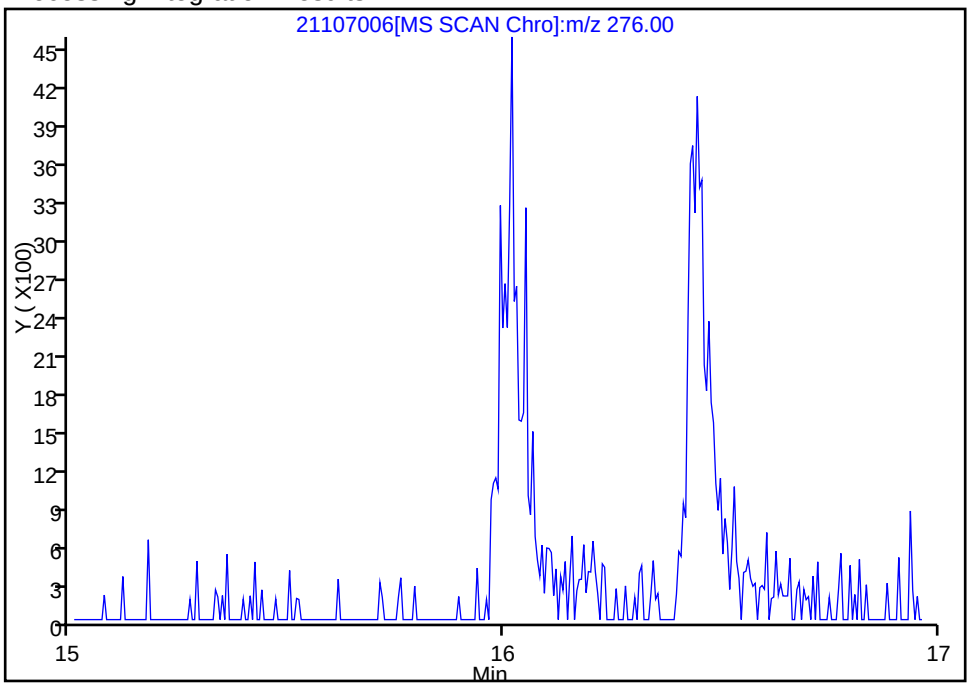
TestAmerica Canton

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

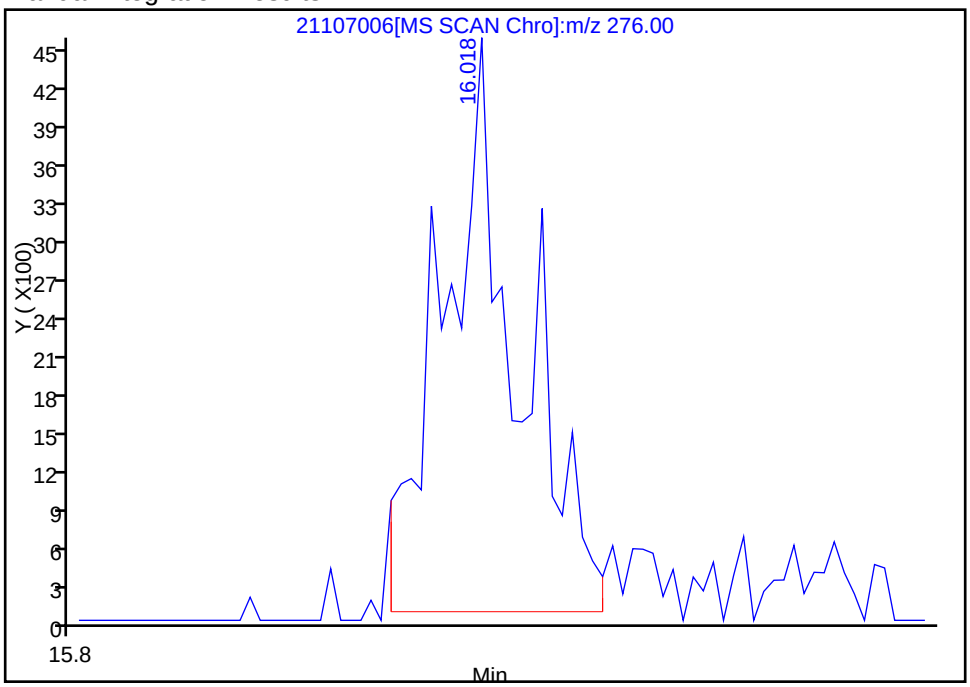
Not Detected
Expected RT: 16.01

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

Report Date: 08-Nov-2012 13:38:11 Chrom Revision: 2.0 22-Oct-2012 16:30:48

Manual Integration/User Assign Peak Report

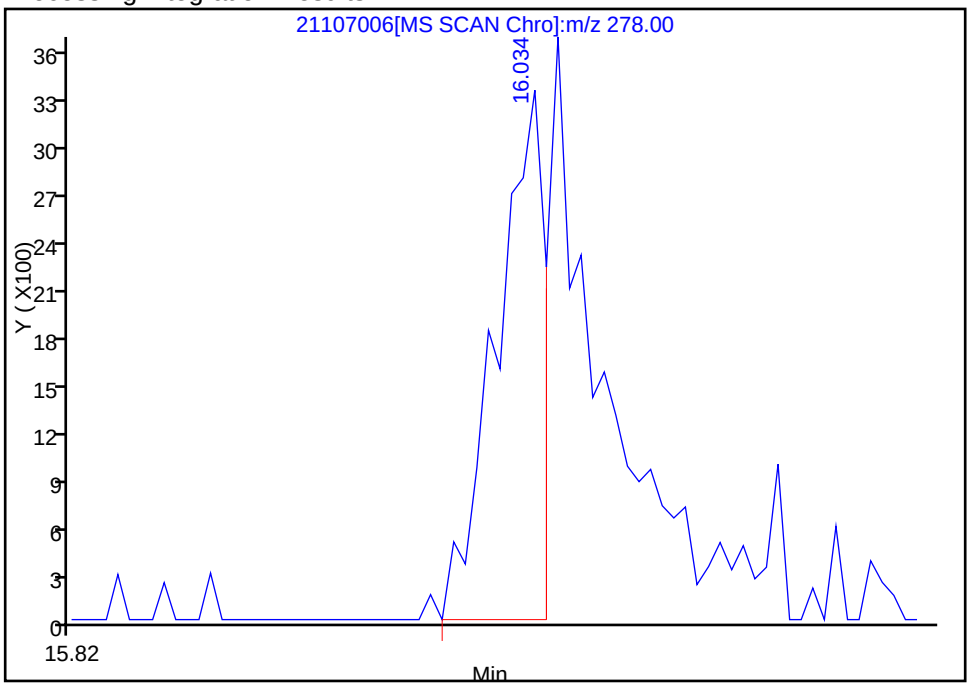
TestAmerica Canton

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

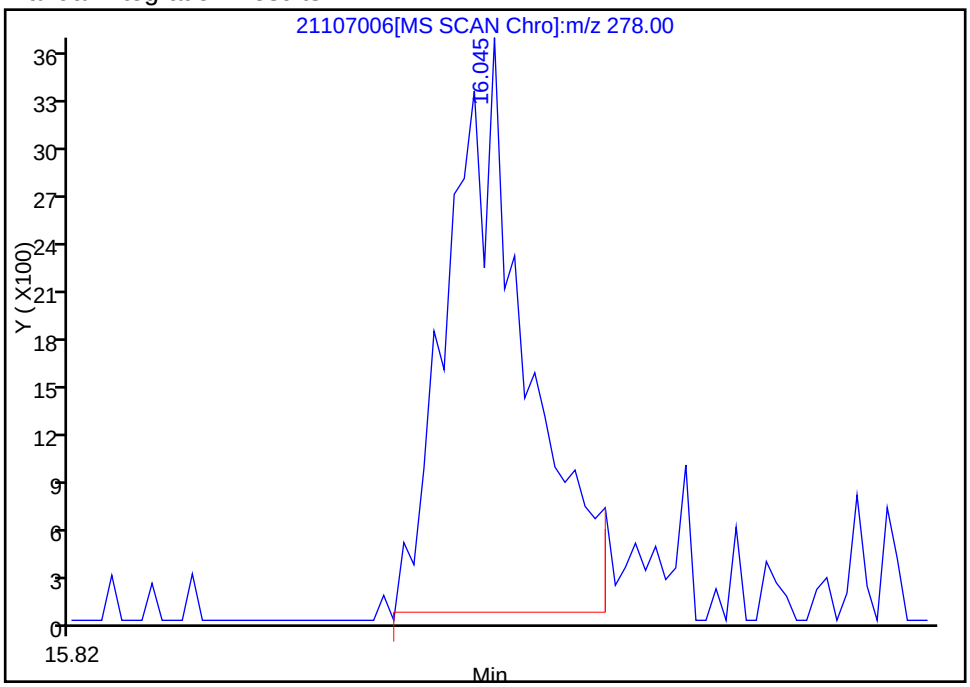
Processing Integration Results

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

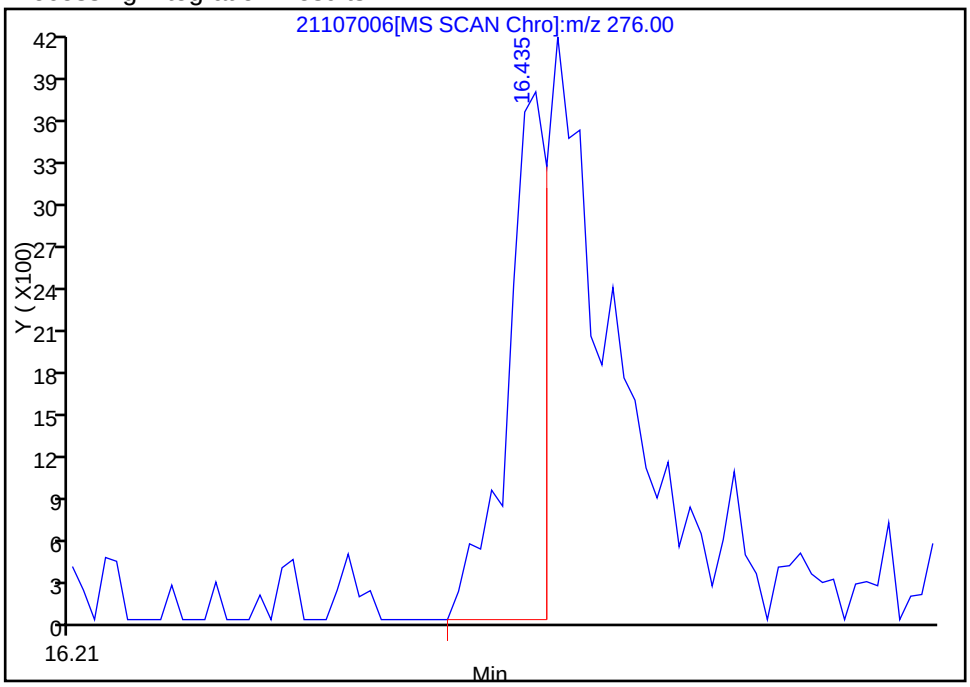
TestAmerica Canton

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

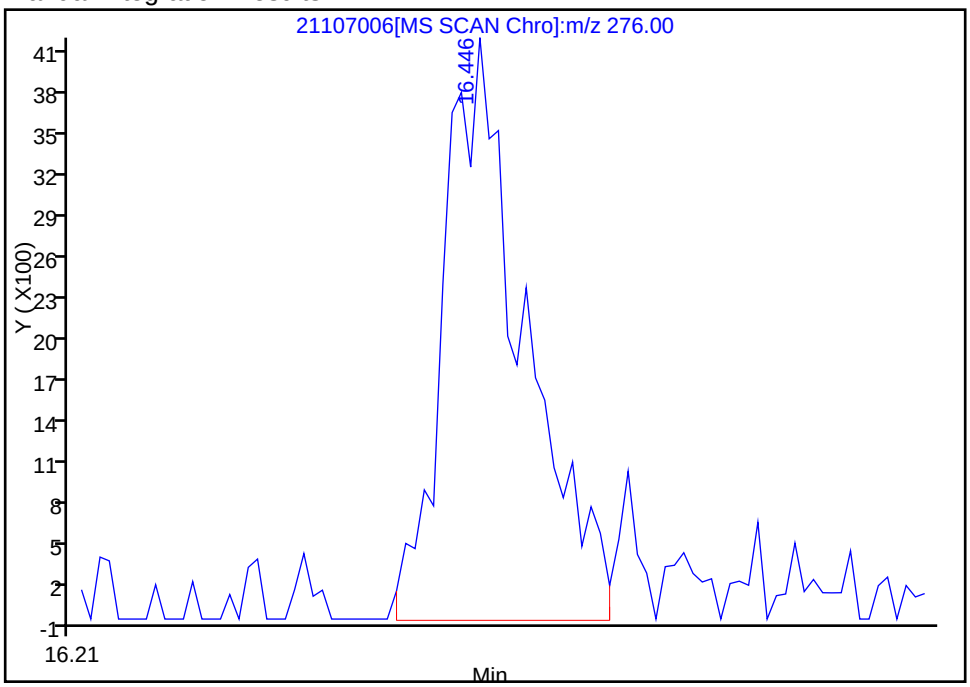
Processing Integration Results

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	

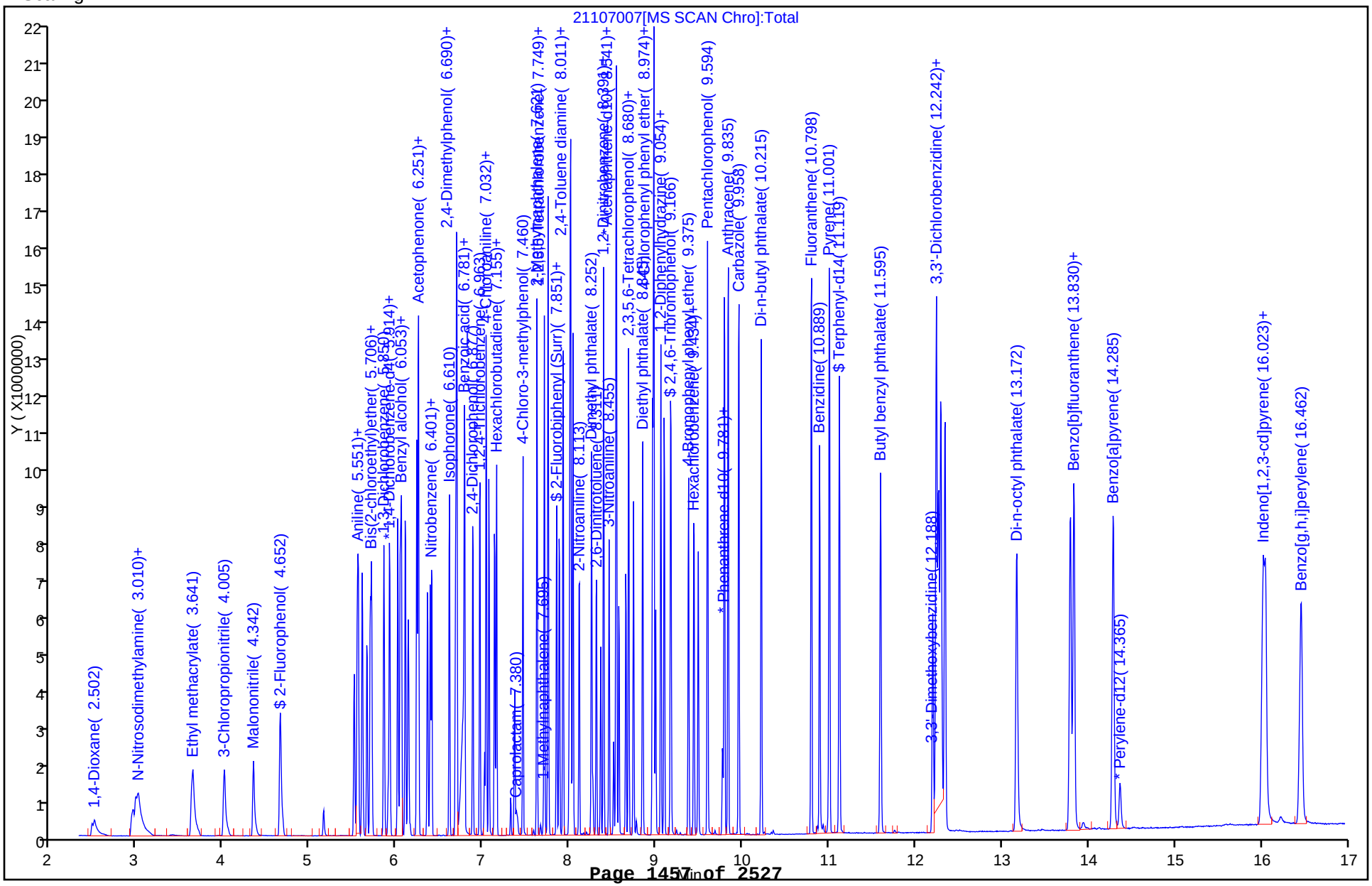
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	87	1450927	50.1	
146 Phenanthrene	178	9.787	9.787	0.0	97	5330724	25.2	
147 Anthracene	178	9.835	9.830	0.005	96	5594055	26.6	
149 Carbazole	167	9.958	9.953	0.005	81	5414909	26.5	
151 Di-n-butyl phthalate	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	

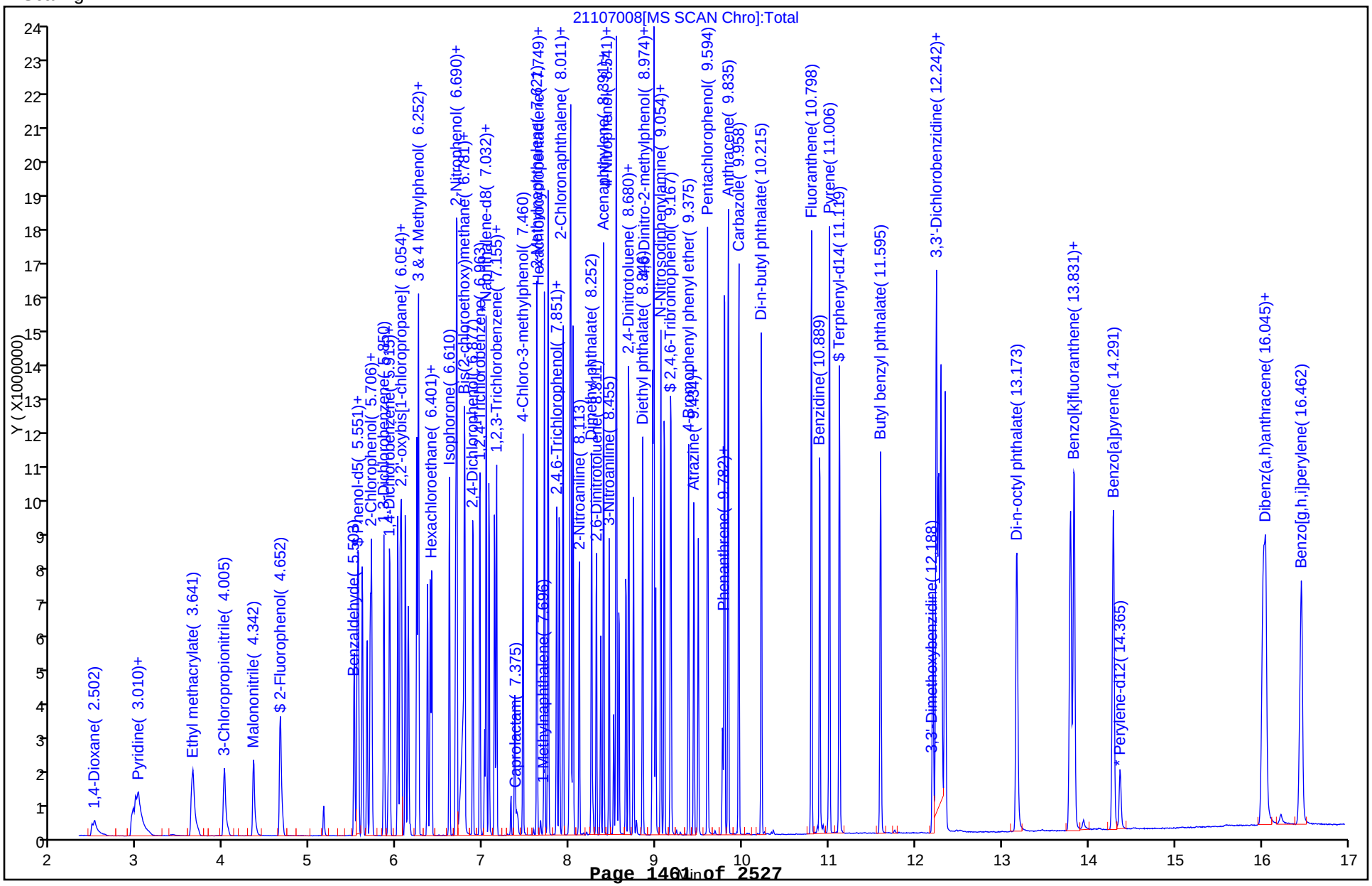
Report Date: 08-Nov-2012 13:38:14 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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	

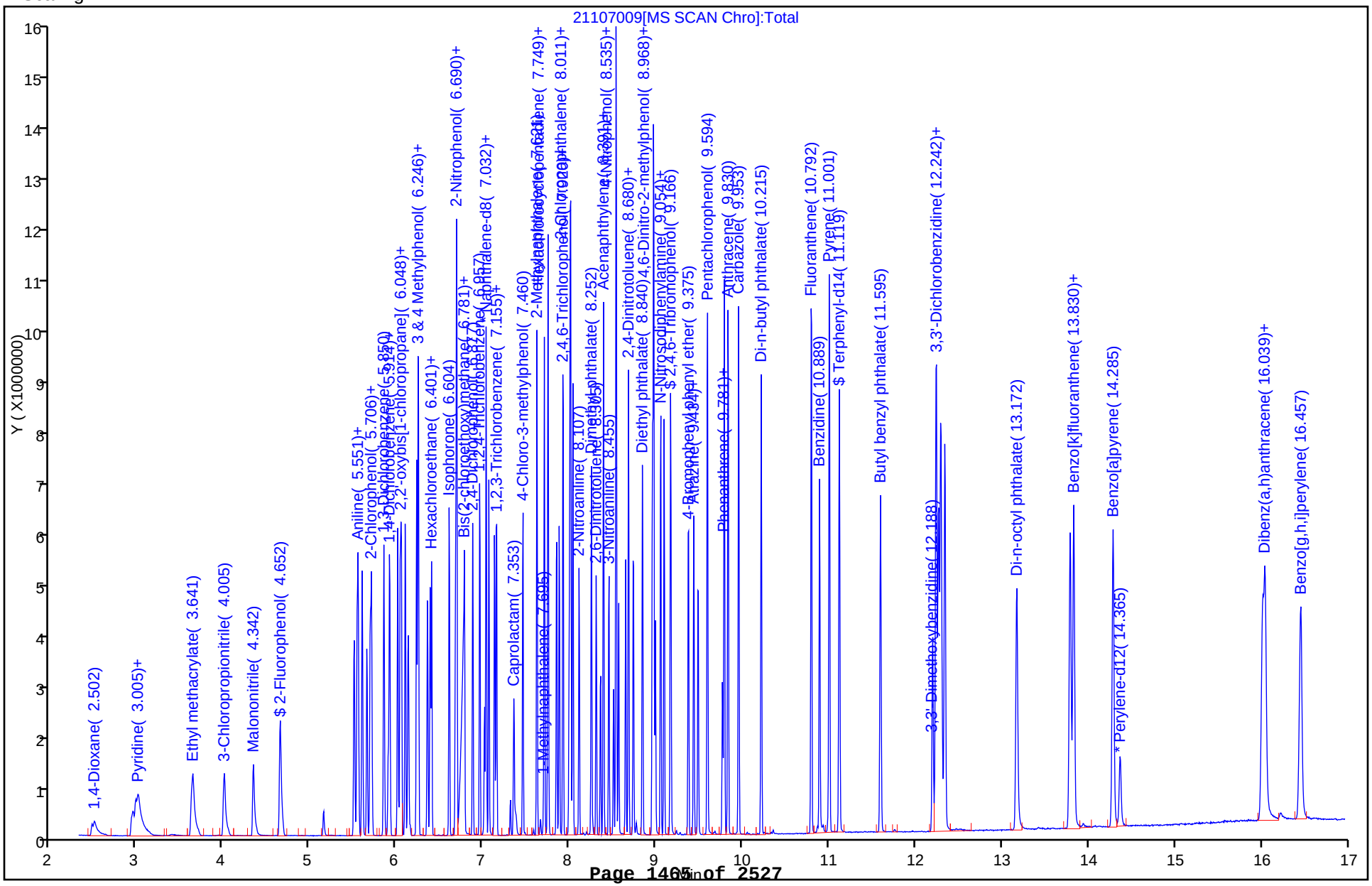
Report Date: 08-Nov-2012 13:38:15 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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

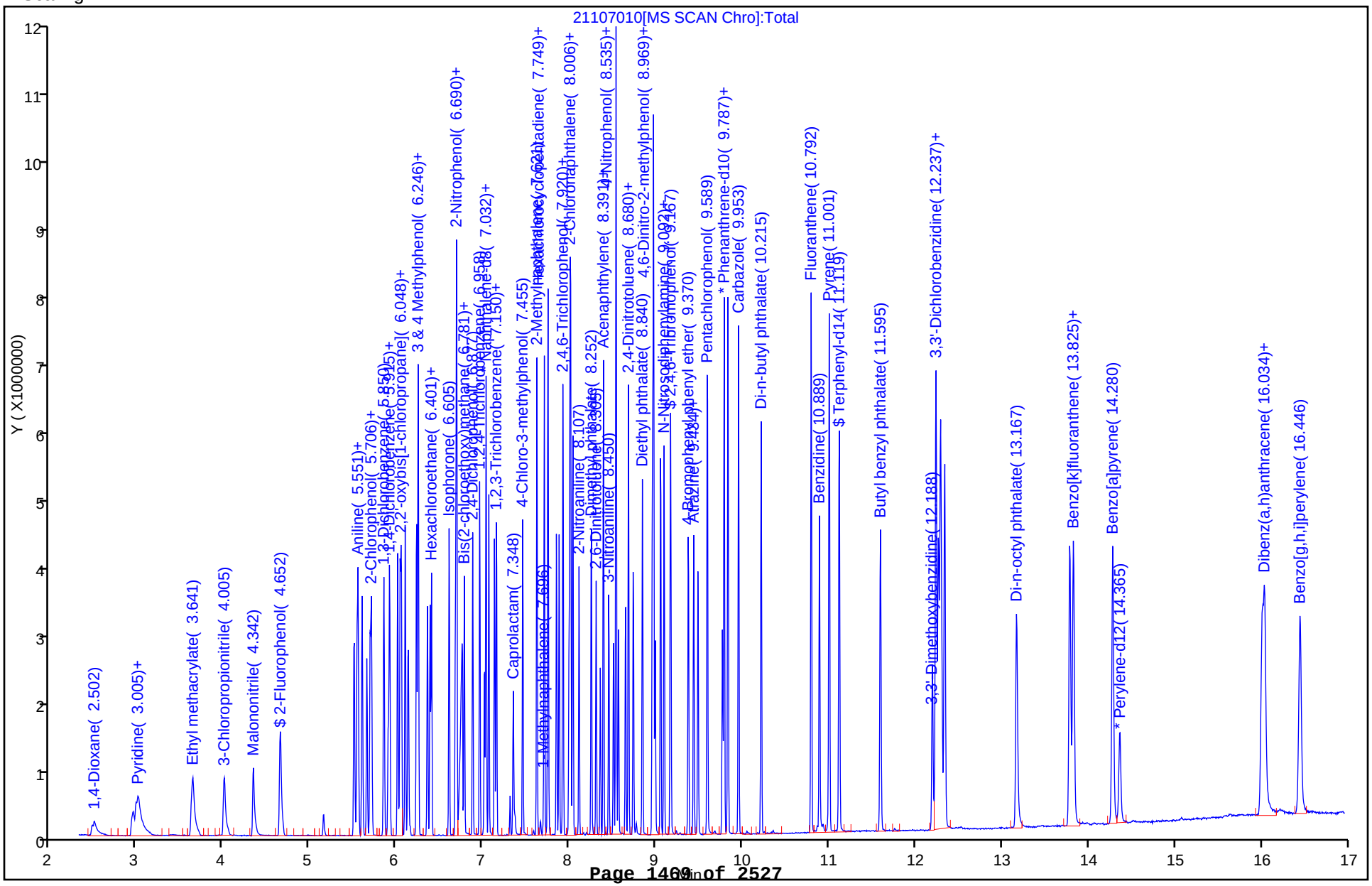
Report Date: 08-Nov-2012 13:38:17 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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

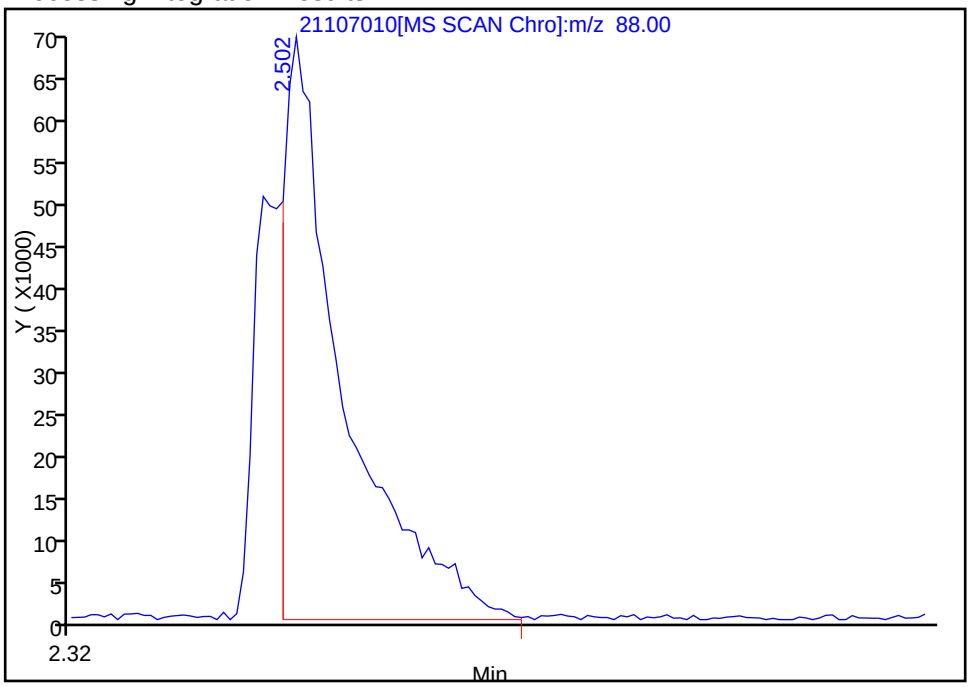
TestAmerica Canton

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

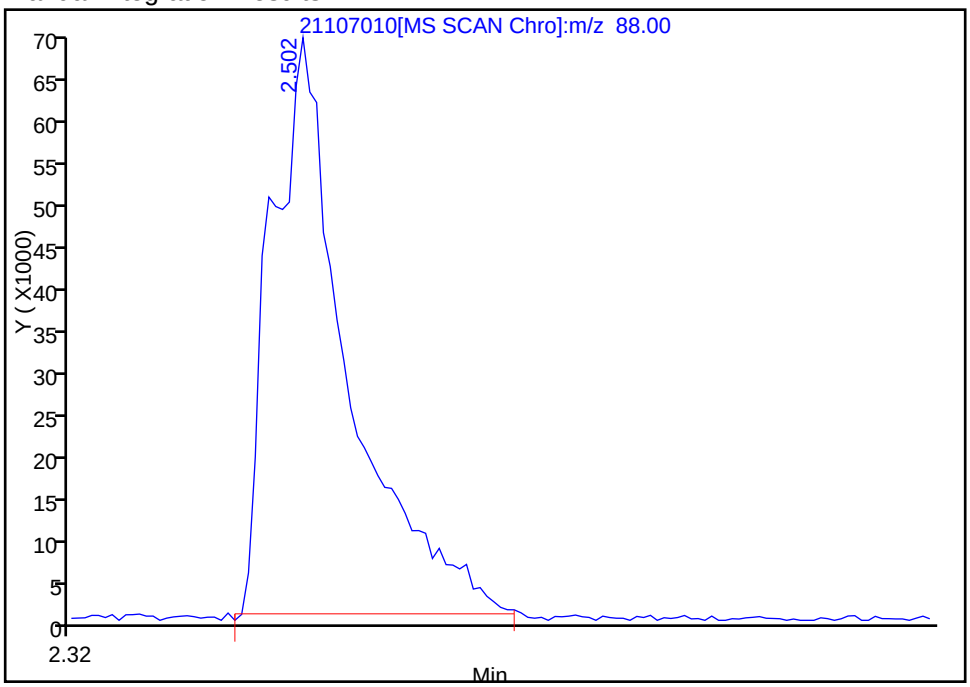
Processing Integration Results

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 VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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		12.2	10.0	22.4	
2,6-Dichlorophenol	Ave	0.2496	0.2970		11.9	10.0	19.0	
1,2,4,5-Tetrachlorobenzene	Ave	0.5057	0.5686		11.2	10.0	12.4	

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	

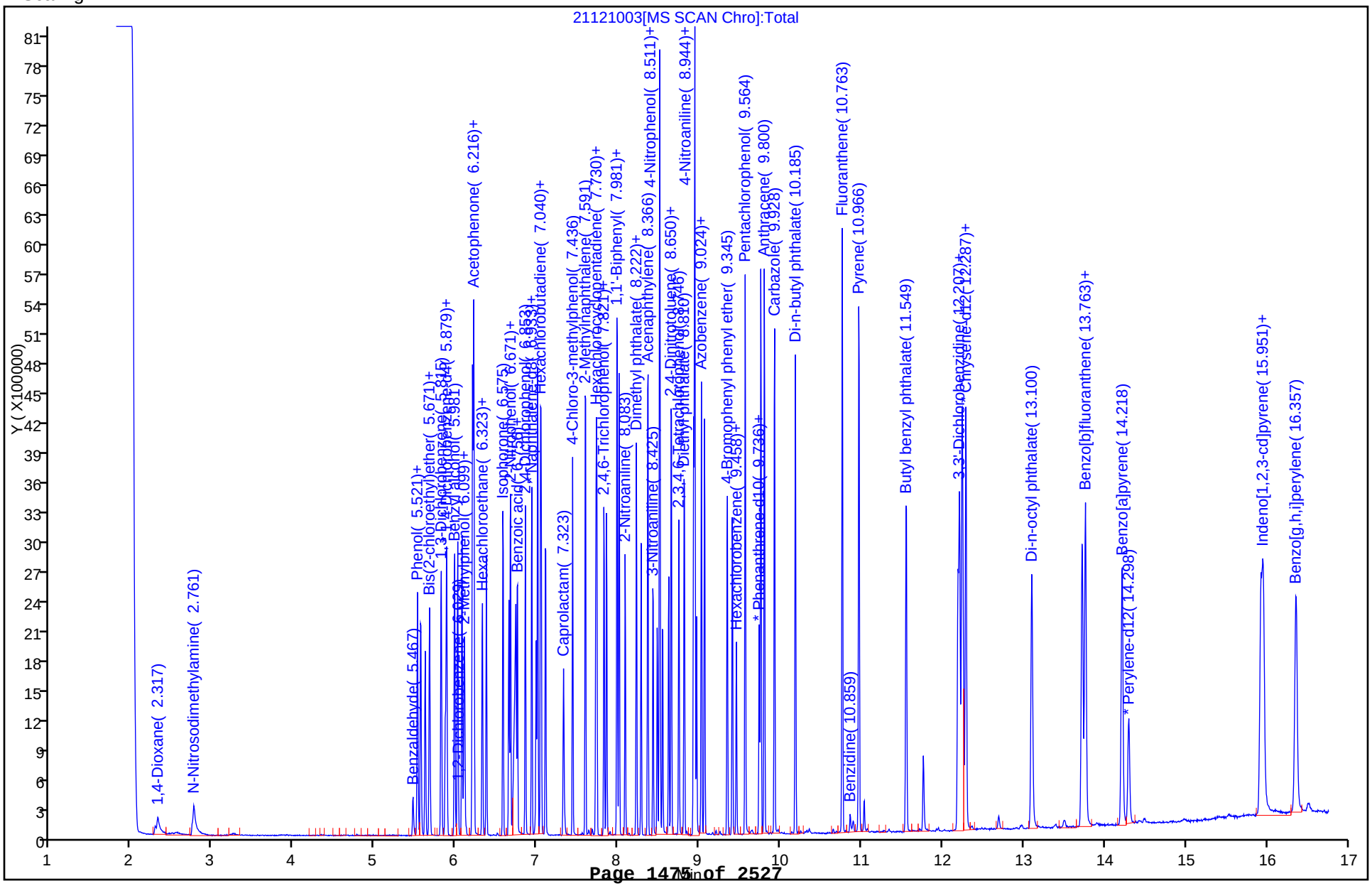
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	95	2077381	10.3	
182 Benzo[a]pyrene	252	14.218	14.212	0.006	77	1699586	8.86	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	98	2138028	10.1	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	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.: 240-17768-1

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		9.81	10.0	-1.9	
N-Nitrosodimethylamine	Qua		0.7900		9.88	10.0	-1.2	
Benzaldehyde	Ave	1.043	0.1913		1.83	10.0	-81.7	
Phenol	Ave	1.674	1.746		10.4	10.0	4.3	
Aniline	Ave	2.093	1.817		8.68	10.0	-13.2	
Bis(2-chloroethyl)ether	Ave	1.293	1.309		10.1	10.0	1.3	
2-Chlorophenol	Ave	1.352	1.363		10.1	10.0	0.8	
1,3-Dichlorobenzene	Ave	1.457	1.418		9.73	10.0	-2.7	
1,4-Dichlorobenzene	Ave	1.448	1.460		10.1	10.0	0.8	
Benzyl alcohol	Ave	0.8332	0.8993		10.8	10.0	7.9	
1,2-Dichlorobenzene	Ave	1.380	1.382		10.0	10.0	0.1	
2-Methylphenol	Ave	1.220	1.227		10.1	10.0	0.6	
3 & 4 Methylphenol	Ave	1.279	1.289		10.1	10.0	0.8	
N-Nitrosodi-n-propylamine	Ave	0.9059	1.016		11.2	10.0	12.1	
Acetophenone	Ave	1.808	1.853		10.3	10.0	2.5	
Hexachloroethane	Ave	0.5884	0.5740		9.75	10.0	-2.5	
Nitrobenzene	Ave	0.3635	0.4041		11.1	10.0	11.2	
Isophorone	Ave	0.6380	0.7096		11.1	10.0	11.2	
2-Nitrophenol	Ave	0.1710	0.2006		11.7	10.0	17.3	
2,4-Dimethylphenol	Ave	0.3362	0.3528		10.5	10.0	4.9	
Benzoic acid	Qua		0.2241		20.1	20.0	0.5	
Bis(2-chloroethoxy)methane	Ave	0.4052	0.4343		10.7	10.0	7.2	
2,4-Dichlorophenol	Ave	0.2657	0.2995		11.3	10.0	12.7	
1,2,4-Trichlorobenzene	Ave	0.3169	0.3336		10.5	10.0	5.3	
Naphthalene	Ave	0.999	1.081		10.8	10.0	8.2	
Hexachlorobutadiene	Ave	0.1716	0.1889		11.0	10.0	10.1	
Caprolactam	Qua		0.1073		10.7	10.0	6.9	
4-Chloro-3-methylphenol	Ave	0.2854	0.3245		11.4	10.0	13.7	
2-Methylnaphthalene	Ave	0.6393	0.6829		10.7	10.0	6.8	
Hexachlorocyclopentadiene	Ave	0.3241	0.3738		11.5	10.0	15.3	
2,4,6-Trichlorophenol	Ave	0.3372	0.3806		11.3	10.0	12.9	
2,4,5-Trichlorophenol	Ave	0.3632	0.4064		11.2	10.0	11.9	
1,1'-Biphenyl	Ave	1.413	1.522		10.8	10.0	7.7	
2-Chloronaphthalene	Ave	1.105	1.171		10.6	10.0	6.0	
2-Nitroaniline	Ave	0.3242	0.3713		11.5	10.0	14.5	
Dimethyl phthalate	Ave	1.175	1.293		11.0	10.0	10.0	
2,6-Dinitrotoluene	Qua		0.2876		10.6	10.0	6.4	
Acenaphthylene	Ave	1.825	1.912		10.5	10.0	4.8	
3-Nitroaniline	Ave	0.2941	0.3292		11.2	10.0	11.9	
Acenaphthene	Ave	1.097	1.132		10.3	10.0	3.2	
2,4-Dinitrophenol	Qua		0.1945		20.9	20.0	4.4	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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
4-Nitrophenol	Ave	0.1694	0.1848		10.9	10.0	9.1	
2,4-Dinitrotoluene	Qua		0.3951		10.8	10.0	8.2	
Dibenzofuran	Ave	1.629	1.686		10.4	10.0	3.5	
Diethyl phthalate	Ave	1.228	1.326		10.8	10.0	8.0	
4-Chlorophenyl phenyl ether	Ave	0.6187	0.6644		10.7	10.0	7.4	
4-Nitroaniline	Qua		0.3016		9.37	10.0	-6.3	
Fluorene	Ave	1.308	1.369		10.5	10.0	4.7	
4,6-Dinitro-2-methylphenol	Qua		0.1434		10.8	10.0	7.7	
N-Nitrosodiphenylamine	Ave	0.5517	0.5798		10.5	10.0	5.1	
4-Bromophenyl phenyl ether	Ave	0.2040	0.2259		11.1	10.0	10.7	
Hexachlorobenzene	Ave	0.2101	0.2360		11.2	10.0	12.3	
Atrazine	Ave	0.1501	0.1117		7.44	10.0	-25.6	
Pentachlorophenol	Qua		0.1539		21.5	20.0	7.5	
Phenanthrene	Ave	1.093	1.150		10.5	10.0	5.2	
Anthracene	Ave	1.086	1.181		10.9	10.0	8.7	
Carbazole	Ave	1.055	1.112		10.5	10.0	5.4	
Di-n-butyl phthalate	Ave	1.185	1.343		11.3	10.0	13.4	
Fluoranthene	Ave	1.207	1.328		11.0	10.0	10.1	
Benzidine	Qua		0.0449		1.06	10.0	-89.4	
Pyrene	Ave	1.276	1.268		9.94	10.0	-0.6	
Butyl benzyl phthalate	Qua		0.5435		10.3	10.0	3.0	
3,3'-Dichlorobenzidine	Qua		0.3487		7.89	10.0	-21.1	
Bis(2-ethylhexyl) phthalate	Qua		0.7530		10.1	10.0	0.9	
Benzo[a]anthracene	Ave	1.116	1.148		10.3	10.0	2.8	
Chrysene	Ave	1.064	1.094		10.3	10.0	2.9	
Di-n-octyl phthalate	Qua		1.478		10.1	10.0	1.4	
Benzo[b]fluoranthene	Ave	1.276	1.250		9.79	10.0	-2.1	
Benzo[k]fluoranthene	Ave	1.387	1.425		10.3	10.0	2.8	
Benzo[a]pyrene	Qua		1.166		8.86	10.0	-11.4	
Indeno[1,2,3-cd]pyrene	Qua		1.467		10.1	10.0	1.0	
Dibenz(a,h)anthracene	Qua		1.239		10.0	10.0	0.1	
Benzo[g,h,i]perylene	Ave	1.145	1.271		11.1	10.0	11.0	

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	

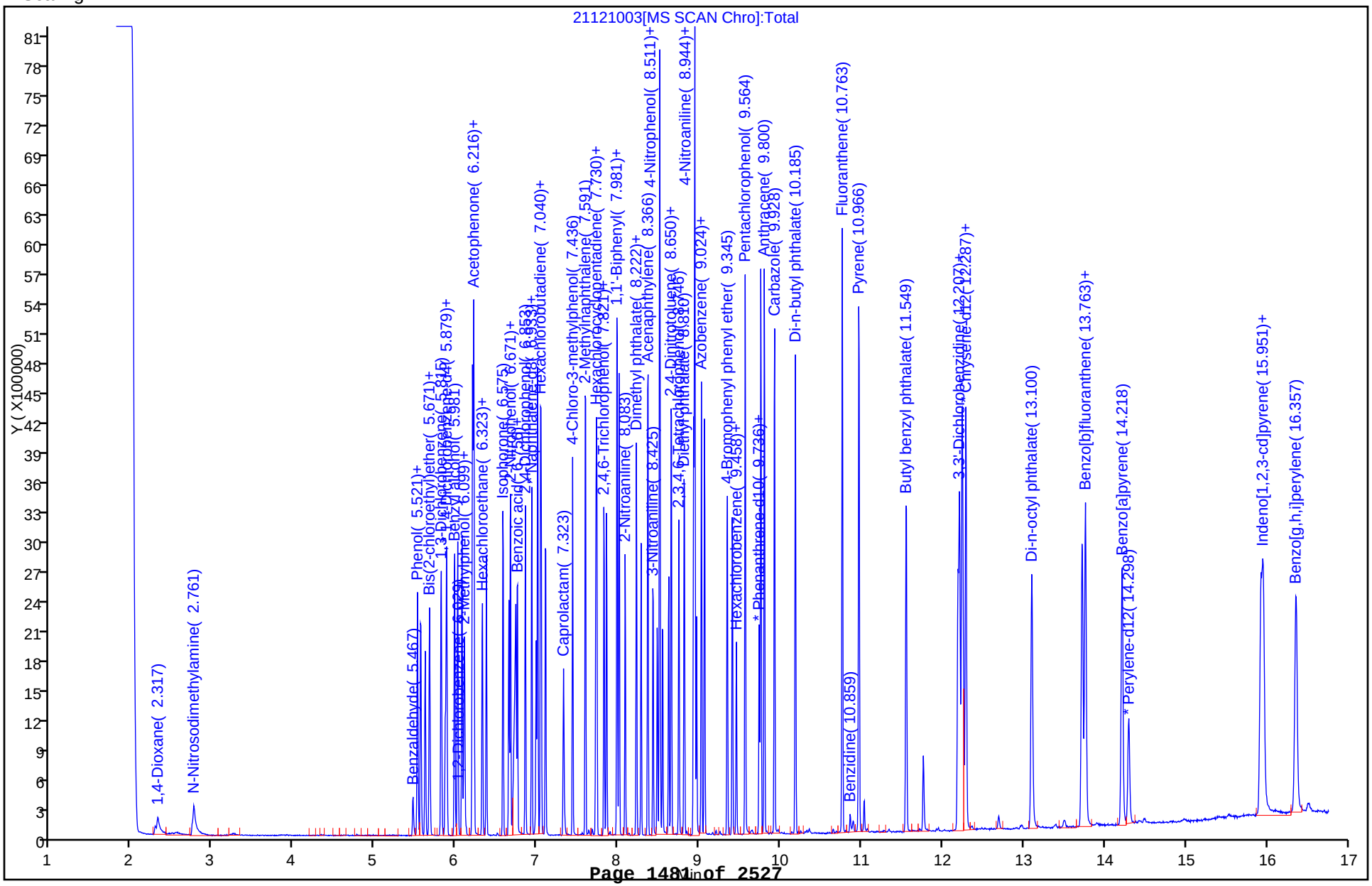
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	95	2077381	10.3	
182 Benzo[a]pyrene	252	14.218	14.212	0.006	77	1699586	8.86	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	98	2138028	10.1	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66878/2 Calibration Date: 11/30/2012 08:51

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: 21130002.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	0.4436		9.56	10.0	-4.4	
N-Nitrosodimethylamine	Qua		0.8172		10.2	10.0	2.1	
Pyridine	Ave	1.330	1.434		10.8	10.0	7.8	
Benzaldehyde	Ave	1.043	1.006		9.65	10.0	-3.5	
Phenol	Ave	1.674	1.727		10.3	10.0	3.2	
Aniline	Ave	2.093	2.126		10.2	10.0	1.6	
Bis(2-chloroethyl)ether	Ave	1.293	1.247		9.65	10.0	-3.5	
2-Chlorophenol	Ave	1.352	1.360		10.1	10.0	0.5	
1,3-Dichlorobenzene	Ave	1.457	1.450		9.95	10.0	-0.5	
1,4-Dichlorobenzene	Ave	1.448	1.428		9.86	10.0	-1.4	
Benzyl alcohol	Ave	0.8332	0.8380		10.1	10.0	0.6	
1,2-Dichlorobenzene	Ave	1.380	1.379		9.99	10.0	-0.1	
2-Methylphenol	Ave	1.220	1.232		10.1	10.0	1.0	
3 & 4 Methylphenol	Ave	1.279	1.261		9.86	10.0	-1.4	
N-Nitrosodi-n-propylamine	Ave	0.9059	0.9050		9.99	10.0	-0.1	
Acetophenone	Ave	1.808	1.776		9.82	10.0	-1.8	
Hexachloroethane	Ave	0.5884	0.5988		10.2	10.0	1.8	
Nitrobenzene	Ave	0.3635	0.3692		10.2	10.0	1.6	
Isophorone	Ave	0.6380	0.6500		10.2	10.0	1.9	
2-Nitrophenol	Ave	0.1710	0.1768		10.3	10.0	3.4	
2,4-Dimethylphenol	Ave	0.3362	0.3451		10.3	10.0	2.6	
Benzoic acid	Qua		0.1936		17.6	20.0	-12.1	
Bis(2-chloroethoxy)methane	Ave	0.4052	0.3911		9.65	10.0	-3.5	
2,4-Dichlorophenol	Ave	0.2657	0.2683		10.1	10.0	1.0	
1,2,4-Trichlorobenzene	Ave	0.3169	0.3180		10.0	10.0	0.3	
Naphthalene	Ave	0.999	0.9906		9.91	10.0	-0.9	
Hexachlorobutadiene	Ave	0.1716	0.1723		10.0	10.0	0.4	
Caprolactam	Qua		0.0990		9.79	10.0	-2.1	
4-Chloro-3-methylphenol	Ave	0.2854	0.2918		10.2	10.0	2.2	
2-Methylnaphthalene	Ave	0.6393	0.6265		9.80	10.0	-2.0	
Hexachlorocyclopentadiene	Ave	0.3241	0.3292		10.2	10.0	1.6	
2,4,6-Trichlorophenol	Ave	0.3372	0.3464		10.3	10.0	2.7	
2,4,5-Trichlorophenol	Ave	0.3632	0.3716		10.2	10.0	2.3	
1,1'-Biphenyl	Ave	1.413	1.337		9.47	10.0	-5.3	
2-Chloronaphthalene	Ave	1.105	1.054		9.55	10.0	-4.5	
2-Nitroaniline	Ave	0.3242	0.3395		10.5	10.0	4.7	
Dimethyl phthalate	Ave	1.175	1.158		9.86	10.0	-1.4	
2,6-Dinitrotoluene	Qua		0.2630		9.77	10.0	-2.3	
Acenaphthylene	Ave	1.825	1.769		9.69	10.0	-3.1	
3-Nitroaniline	Ave	0.2941	0.3106		10.6	10.0	5.6	
Acenaphthene	Ave	1.097	1.049		9.56	10.0	-4.4	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66878/2 Calibration Date: 11/30/2012 08:51

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: 21130002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua		0.1599		17.6	20.0	-12.2	
4-Nitrophenol	Ave	0.1694	0.1782		10.5	10.0	5.2	
2,4-Dinitrotoluene	Qua		0.3593		9.88	10.0	-1.2	
Dibenzofuran	Ave	1.629	1.555		9.55	10.0	-4.5	
Diethyl phthalate	Ave	1.228	1.198		9.75	10.0	-2.5	
4-Chlorophenyl phenyl ether	Ave	0.6187	0.6247		10.1	10.0	1.0	
Fluorene	Ave	1.308	1.271		9.72	10.0	-2.8	
4-Nitroaniline	Qua		0.3127		9.71	10.0	-2.9	
4,6-Dinitro-2-methylphenol	Qua		0.1200		9.16	10.0	-8.4	
N-Nitrosodiphenylamine	Ave	0.5517	0.5411		9.81	10.0	-1.9	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785	0.7780		9.99	10.0	-0.0	
4-Bromophenyl phenyl ether	Ave	0.2040	0.2075		10.2	10.0	1.7	
Hexachlorobenzene	Ave	0.2101	0.2102		10.0	10.0	0.0	
Atrazine	Ave	0.1501	0.1596		10.6	10.0	6.3	
Pentachlorophenol	Qua		0.1420		19.9	20.0	-0.4	
Phenanthrene	Ave	1.093	1.060		9.70	10.0	-3.0	
Anthracene	Ave	1.086	1.088		10.0	10.0	0.2	
Carbazole	Ave	1.055	1.067		10.1	10.0	1.2	
Di-n-butyl phthalate	Ave	1.185	1.225		10.3	10.0	3.4	
Fluoranthene	Ave	1.207	1.235		10.2	10.0	2.3	
Benzidine	Qua		0.6327		9.26	10.0	-7.4	
Pyrene	Ave	1.276	1.273		9.98	10.0	-0.2	
Butyl benzyl phthalate	Qua		0.5204		9.88	10.0	-1.2	
3,3'-Dichlorobenzidine	Qua		0.4387		9.85	10.0	-1.5	
Bis(2-ethylhexyl) phthalate	Qua		0.7261		9.75	10.0	-2.5	
Benzo[a]anthracene	Ave	1.116	1.131		10.1	10.0	1.3	
Chrysene	Ave	1.064	1.033		9.71	10.0	-2.9	
Di-n-octyl phthalate	Qua		1.404		9.67	10.0	-3.3	
Benzo[b]fluoranthene	Ave	1.276	1.305		10.2	10.0	2.3	
Benzo[k]fluoranthene	Ave	1.387	1.429		10.3	10.0	3.1	
Benzo[a]pyrene	Qua		1.287		9.73	10.0	-2.7	
Indeno[1,2,3-cd]pyrene	Qua		1.441		9.93	10.0	-0.7	
Dibenz(a,h)anthracene	Qua		1.220		9.86	10.0	-1.4	
Benzo[g,h,i]perylene	Ave	1.145	1.244		10.9	10.0	8.7	
2-Fluorophenol (Surr)	Ave	1.236	1.257		10.2	10.0	1.7	
Phenol-d5 (Surr)	Ave	1.570	1.619		10.3	10.0	3.1	
Nitrobenzene-d5 (Surr)	Ave	0.3517	0.3714		10.6	10.0	5.6	
2-Fluorobiphenyl (Surr)	Ave	1.298	1.243		9.58	10.0	-4.2	
2,4,6-Tribromophenol (Surr)	Ave	0.1655	0.1745		10.5	10.0	5.5	
Terphenyl-d14 (Surr)	Ave	0.7408	0.7304		9.86	10.0	-1.4	

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130002.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	30-Nov-2012 08:51:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0015418-002		
Misc. Info.:	ccv tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	66878	Lims Sample ID:	2
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m		
Last Update:	03-Dec-2012 10:35:45	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:	XAWRK014		
First Level Reviewer: gruberj		Date:	30-Nov-2012 09:13:23

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.778	5.778	0.0	96	144268	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	99	548281	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	89	318663	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	97	536827	4.00	
* 5 Chrysene-d12	240	12.132	12.132	0.0	92	554320	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	92	464178	4.00	
$ 7 2-Fluorophenol	112	4.494	4.494	0.0	91	453316	10.2	
$ 8 Phenol-d5	99	5.425	5.425	0.0	96	583884	10.3	
$ 9 Nitrobenzene-d5	82	6.270	6.270	0.0	90	509072	10.6	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	100	990512	9.58	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	91	139027	10.5	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	1012153	9.86	
24 1,4-Dioxane	88	2.130	2.130	0.0	91	160001	9.56	
25 N-Nitrosodimethylamine	74	2.558	2.558	0.0	90	294736	10.2	
26 Pyridine	79	2.611	2.611	0.0	94	517355	10.8	
27 Ethyl methacrylate	69	3.339	3.339	0.0	91	386630	9.70	
28 3-Chloropropionitrile	54	3.777	3.777	0.0	89	290446	10.9	
32 Malononitrile	66	4.173	4.173	0.0	99	540094	10.8	
40 Benzaldehyde	77	5.377	5.377	0.0	92	362971	9.65	
41 Phenol	94	5.441	5.441	0.0	99	622748	10.3	
43 Aniline	93	5.473	5.473	0.0	88	766884	10.2	
44 Bis(2-chloroethyl)ether	93	5.532	5.532	0.0	95	449716	9.65	
46 2-Chlorophenol	128	5.585	5.585	0.0	97	490346	10.1	
47 1,3-Dichlorobenzene	146	5.724	5.724	0.0	96	522977	9.95	
48 1,4-Dichlorobenzene	146	5.794	5.794	0.0	92	515104	9.86	
49 Benzyl alcohol	108	5.895	5.895	0.0	90	302233	10.1	
50 1,2-Dichlorobenzene	146	5.933	5.933	0.0	94	497313	9.99	
51 2-Methylphenol	108	5.992	5.992	0.0	95	444297	10.1	
52 2,2'-oxybis[1-chloropropane]	45	6.019	6.019	0.0	91	690430	10.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.125	6.125	0.0	97	454912	9.86	
56 N-Nitrosodi-n-propylamine	70	6.131	6.131	0.0	91	326401	10.0	
57 Acetophenone	105	6.136	6.136	0.0	93	640581	9.82	
60 Hexachloroethane	117	6.238	6.238	0.0	93	215975	10.2	
61 Nitrobenzene	77	6.291	6.291	0.0	84	506031	10.2	
63 Isophorone	82	6.495	6.495	0.0	97	890997	10.2	
65 2-Nitrophenol	139	6.569	6.569	0.0	94	242349	10.3	
66 1,3,5-Trichlorobenzene	180	6.575	6.575	0.0	94	448668	10.3	
64 2,4-Dimethylphenol	107	6.591	6.591	0.0	87	472984	10.3	
69 Benzoic acid	122	6.660	6.660	0.0	88	530595	17.6	
68 Bis(2-chloroethoxy)methane	93	6.676	6.676	0.0	91	536142	9.65	
71 2,4-Dichlorophenol	162	6.773	6.773	0.0	95	367706	10.1	
72 1,2,4-Trichlorobenzene	180	6.848	6.848	0.0	93	435870	10.0	
73 Naphthalene	128	6.922	6.922	0.0	97	1357771	9.91	
74 4-Chloroaniline	127	6.960	6.960	0.0	86	573693	9.82	
77 Hexachlorobutadiene	225	7.019	7.019	0.0	94	236105	10.0	
78 1,2,3-Trichlorobenzene	180	7.045	7.045	0.0	92	415430	0	
83 Caprolactam	113	7.243	7.243	0.0	70	135627	9.79	
84 4-Chloro-3-methylphenol	107	7.361	7.361	0.0	94	399968	10.2	
85 2-Methylnaphthalene	142	7.511	7.511	0.0	90	858718	9.80	
86 1-Methylnaphthalene	142	7.596	7.596	0.0	91	816898	9.80	
88 Hexachlorocyclopentadiene	237	7.639	7.639	0.0	67	262292	10.2	
87 1,2,3,5-Tetrachlorobenzene	216	7.639	7.639	0.0	95	426387	9.84	
90 2,4,6-Trichlorophenol	196	7.746	7.746	0.0	91	275931	10.3	
91 2,4,5-Trichlorophenol	196	7.778	7.778	0.0	95	296027	10.2	
94 2,4-Toluene diamine	121	7.885	7.885	0.0	98	275411	9.87	
96 1,2,3,4 -Tetrachlorobenzene	216	7.896	7.896	0.0	94	419935	0	
95 1,1'-Biphenyl	154	7.901	7.901	0.0	95	1065403	9.47	
98 2-Chloronaphthalene	162	7.928	7.928	0.0	91	839977	9.55	
100 2-Nitroaniline	65	8.003	8.003	0.0	84	270462	10.5	
103 Dimethyl phthalate	163	8.147	8.147	0.0	99	922540	9.86	
105 2,6-Dinitrotoluene	165	8.201	8.201	0.0	93	209531	9.77	
106 1,2-Dinitrobenzene	168	8.249	8.249	0.0	88	107826	10.4	
107 Acenaphthylene	152	8.281	8.281	0.0	89	1408949	9.69	
108 3-Nitroaniline	138	8.351	8.351	0.0	95	247448	10.6	
110 Acenaphthene	153	8.425	8.425	0.0	94	835745	9.56	
109 2,4-Dinitrophenol	184	8.436	8.436	0.0	82	254800	17.6	
111 4-Nitrophenol	109	8.468	8.468	0.0	94	141963	10.5	
112 2,4-Dinitrotoluene	165	8.543	8.543	0.0	94	286207	9.88	
114 Dibenzofuran	168	8.570	8.570	0.0	88	1238728	9.55	
115 2,3,5,6-Tetrachlorophenol	232	8.629	8.629	0.0	87	254673	10.7	
119 Diethyl phthalate	149	8.736	8.736	0.0	97	954117	9.75	
121 4-Chlorophenyl phenyl ether	204	8.848	8.848	0.0	90	497657	10.1	
124 Fluorene	166	8.859	8.859	0.0	82	1012451	9.72	
123 4-Nitroaniline	138	8.864	8.864	0.0	78	249135	9.71	
126 4,6-Dinitro-2-methylphenol	198	8.885	8.885	0.0	85	161015	9.16	
130 N-Nitrosodiphenylamine	169	8.944	8.944	0.0	0	726228	9.81	
131 Azobenzene	77	8.982	8.982	0.0	99	1044087	10.0	
129 1,2-Diphenylhydrazine	77	8.982	8.982	0.0	0	1044059	10.0	
137 4-Bromophenyl phenyl ether	248	9.260	9.260	0.0	65	278424	10.2	
139 Hexachlorobenzene	284	9.324	9.324	0.0	89	282066	10.0	
140 Atrazine	200	9.377	9.377	0.0	90	214152	10.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.484	9.484	0.0	89	381205	19.9	
146 Phenanthrene	178	9.672	9.672	0.0	97	1422661	9.70	
147 Anthracene	178	9.714	9.714	0.0	98	1460726	10.0	
149 Carbazole	167	9.843	9.843	0.0	82	1432597	10.1	
151 Di-n-butyl phthalate	149	10.105	10.105	0.0	100	1644305	10.3	
157 Fluoranthene	202	10.677	10.677	0.0	97	1656914	10.2	
158 Benzidine	184	10.773	10.773	0.0	99	876813	9.26	
160 Pyrene	202	10.875	10.875	0.0	98	1764696	9.98	
166 Butyl benzyl phthalate	149	11.447	11.447	0.0	97	721159	9.88	
170 3,3'-Dimethoxybenzidine	244	12.030	12.030	0.0	91	329437	8.76	
173 3,3'-Dichlorobenzidine	252	12.068	12.068	0.0	66	607882	9.85	
172 4,4'-Methylene bis(2-chloroanili	231	12.068	12.068	0.0	67	278327	9.87	
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	96	1006232	9.75	
175 Benzo[a]anthracene	228	12.116	12.116	0.0	98	1566866	10.1	
176 Chrysene	228	12.164	12.164	0.0	94	1430965	9.71	
178 Di-n-octyl phthalate	149	12.961	12.961	0.0	99	1629661	9.67	
180 Benzo[b]fluoranthene	252	13.565	13.565	0.0	94	1514256	10.2	
181 Benzo[k]fluoranthene	252	13.608	13.608	0.0	95	1658305	10.3	
182 Benzo[a]pyrene	252	14.052	14.052	0.0	76	1493007	9.73	
186 Indeno[1,2,3-cd]pyrene	276	15.742	15.742	0.0	94	1672620	9.93	
187 Dibenz(a,h)anthracene	278	15.769	15.769	0.0	69	1415507	9.86	
188 Benzo[g,h,i]perylene	276	16.154	16.154	0.0	94	1444110	10.9	
S 189 Methyl Phenols,Total	100				0		10.1	

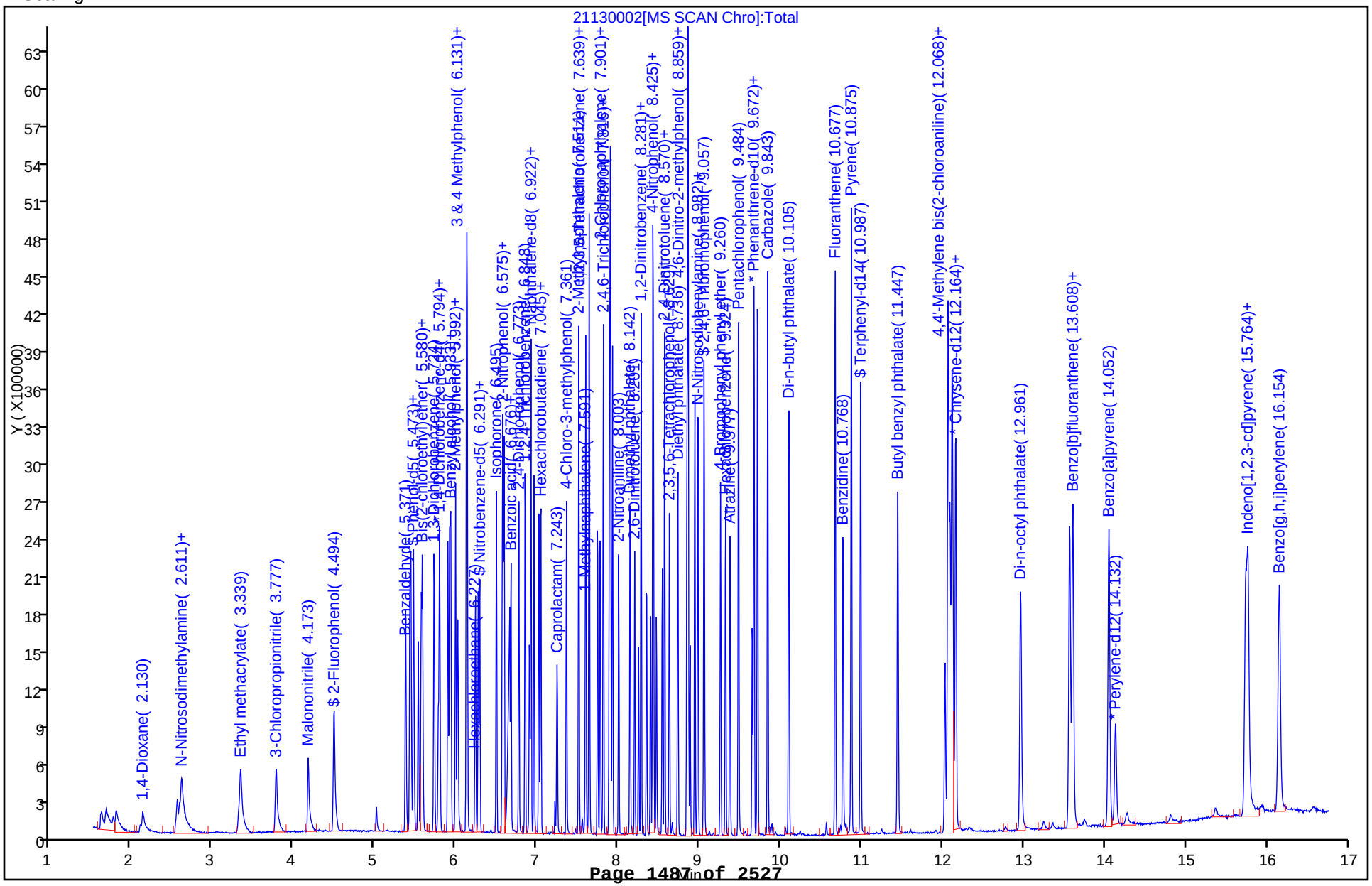
Report Date: 03-Dec-2012 10:35:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130002.D

Injection Date:	30-Nov-2012 08:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66878	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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-67052/2 Calibration Date: 12/03/2012 10:52

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: 21203002.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		9.81	10.0	-1.9	
N-Nitrosodimethylamine	Qua		0.7872		9.85	10.0	-1.5	
Pyridine	Ave	1.330	1.287		9.67	10.0	-3.3	
Benzaldehyde	Ave	1.043	0.9870		9.46	10.0	-5.4	
Phenol	Ave	1.674	1.629		9.73	10.0	-2.7	
Aniline	Ave	2.093	2.016		9.63	10.0	-3.7	
Bis(2-chloroethyl)ether	Ave	1.293	1.222		9.45	10.0	-5.5	
2-Chlorophenol	Ave	1.352	1.312		9.70	10.0	-3.0	
1,3-Dichlorobenzene	Ave	1.457	1.352		9.28	10.0	-7.2	
1,4-Dichlorobenzene	Ave	1.448	1.353		9.34	10.0	-6.6	
Benzyl alcohol	Ave	0.8332	0.8294		9.95	10.0	-0.5	
1,2-Dichlorobenzene	Ave	1.380	1.301		9.42	10.0	-5.8	
2-Methylphenol	Ave	1.220	1.167		9.57	10.0	-4.3	
3 & 4 Methylphenol	Ave	1.279	1.215		9.50	10.0	-5.0	
Acetophenone	Ave	1.808	1.716		9.49	10.0	-5.1	
N-Nitrosodi-n-propylamine	Ave	0.9059	0.8928		9.86	10.0	-1.4	
Hexachloroethane	Ave	0.5884	0.5666		9.63	10.0	-3.7	
Nitrobenzene	Ave	0.3635	0.3868		10.6	10.0	6.4	
Isophorone	Ave	0.6380	0.6707		10.5	10.0	5.1	
2-Nitrophenol	Ave	0.1710	0.1810		10.6	10.0	5.8	
2,4-Dimethylphenol	Ave	0.3362	0.3585		10.7	10.0	6.6	
Benzoic acid	Qua		0.2060		18.6	20.0	-6.9	
Bis(2-chloroethoxy)methane	Ave	0.4052	0.4011		9.90	10.0	-1.0	
2,4-Dichlorophenol	Ave	0.2657	0.2792		10.5	10.0	5.1	
1,2,4-Trichlorobenzene	Ave	0.3169	0.3210		10.1	10.0	1.3	
Naphthalene	Ave	0.999	0.995		9.96	10.0	-0.4	
Hexachlorobutadiene	Ave	0.1716	0.1784		10.4	10.0	3.9	
Caprolactam	Qua		0.0999		9.89	10.0	-1.1	
4-Chloro-3-methylphenol	Ave	0.2854	0.3058		10.7	10.0	7.1	
2-Methylnaphthalene	Ave	0.6393	0.6446		10.1	10.0	0.8	
Hexachlorocyclopentadiene	Ave	0.3241	0.3031		9.35	10.0	-6.5	
2,4,6-Trichlorophenol	Ave	0.3372	0.3535		10.5	10.0	4.8	
2,4,5-Trichlorophenol	Ave	0.3632	0.3725		10.3	10.0	2.6	
1,1'-Biphenyl	Ave	1.413	1.299		9.20	10.0	-8.0	
2-Chloronaphthalene	Ave	1.105	1.076		9.74	10.0	-2.6	
2-Nitroaniline	Ave	0.3242	0.3438		10.6	10.0	6.0	
Dimethyl phthalate	Ave	1.175	1.175		10.0	10.0	-0.0	
2,6-Dinitrotoluene	Qua		0.2708		10.0	10.0	0.4	
Acenaphthylene	Ave	1.825	1.786		9.79	10.0	-2.1	
3-Nitroaniline	Ave	0.2941	0.3064		10.4	10.0	4.2	
Acenaphthene	Ave	1.097	1.060		9.66	10.0	-3.4	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-67052/2 Calibration Date: 12/03/2012 10:52

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: 21203002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua		0.1649		18.0	20.0	-9.9	
4-Nitrophenol	Ave	0.1694	0.1724		10.2	10.0	1.8	
2,4-Dinitrotoluene	Qua		0.3575		9.84	10.0	-1.6	
Dibenzofuran	Ave	1.629	1.550		9.52	10.0	-4.8	
Diethyl phthalate	Ave	1.228	1.210		9.85	10.0	-1.5	
4-Chlorophenyl phenyl ether	Ave	0.6187	0.6093		9.85	10.0	-1.5	
Fluorene	Ave	1.308	1.253		9.58	10.0	-4.2	
4-Nitroaniline	Qua		0.3098		9.62	10.0	-3.8	
4,6-Dinitro-2-methylphenol	Qua		0.1280		9.71	10.0	-2.9	
N-Nitrosodiphenylamine	Ave	0.5517	0.5382		9.76	10.0	-2.4	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785	0.7926		10.2	10.0	1.8	
4-Bromophenyl phenyl ether	Ave	0.2040	0.2094		10.3	10.0	2.7	
Hexachlorobenzene	Ave	0.2101	0.2149		10.2	10.0	2.3	
Atrazine	Ave	0.1501	0.1609		10.7	10.0	7.2	
Pentachlorophenol	Qua		0.1431		20.1	20.0	0.3	
Phenanthrene	Ave	1.093	1.050		9.61	10.0	-3.9	
Anthracene	Ave	1.086	1.103		10.2	10.0	1.6	
Carbazole	Ave	1.055	1.047		9.93	10.0	-0.7	
Di-n-butyl phthalate	Ave	1.185	1.205		10.2	10.0	1.7	
Fluoranthene	Ave	1.207	1.229		10.2	10.0	1.9	
Benzidine	Qua		0.5772		8.52	10.0	-14.8	
Pyrene	Ave	1.276	1.290		10.1	10.0	1.0	
Butyl benzyl phthalate	Qua		0.5145		9.78	10.0	-2.2	
3,3'-Dichlorobenzidine	Qua		0.4290		9.64	10.0	-3.6	
Bis(2-ethylhexyl) phthalate	Qua		0.7155		9.61	10.0	-3.9	
Benzo[a]anthracene	Ave	1.116	1.133		10.2	10.0	1.5	
Chrysene	Ave	1.064	1.079		10.1	10.0	1.4	
Di-n-octyl phthalate	Qua		1.397		9.63	10.0	-3.7	
Benzo[b]fluoranthene	Ave	1.276	1.273		9.98	10.0	-0.2	
Benzo[k]fluoranthene	Ave	1.387	1.510		10.9	10.0	8.9	
Benzo[a]pyrene	Qua		1.311		9.91	10.0	-0.9	
Indeno[1,2,3-cd]pyrene	Qua		1.369		9.45	10.0	-5.5	
Dibenz(a,h)anthracene	Qua		1.104		8.96	10.0	-10.4	
Benzo[g,h,i]perylene	Ave	1.145	1.146		10.0	10.0	0.0	
2-Fluorophenol (Surr)	Ave	1.236	1.202		9.72	10.0	-2.8	
Phenol-d5 (Surr)	Ave	1.570	1.538		9.79	10.0	-2.1	
Nitrobenzene-d5 (Surr)	Ave	0.3517	0.3831		10.9	10.0	8.9	
2-Fluorobiphenyl (Surr)	Ave	1.298	1.265		9.74	10.0	-2.6	
2,4,6-Tribromophenol (Surr)	Ave	0.1655	0.1813		11.0	10.0	9.6	
Terphenyl-d14 (Surr)	Ave	0.7408	0.7439		10.0	10.0	0.4	

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203002.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	03-Dec-2012 10:52:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0015460-002		
Misc. Info.:	ccv tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	67052	Lims Sample ID:	2
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\8270_hp7.m		
Last Update:	04-Dec-2012 11:17:47	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:	XAWRK009		
First Level Reviewer: gruberj		Date:	03-Dec-2012 11:16:41

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.744	5.744	0.0	96	173067	4.00	
* 2 Naphthalene-d8	136	6.872	6.872	0.0	99	628171	4.00	
* 3 Acenaphthene-d10	164	8.365	8.365	0.0	91	371063	4.00	
* 4 Phenanthrene-d10	188	9.616	9.616	0.0	98	629691	4.00	
* 5 Chrysene-d12	240	12.077	12.077	0.0	87	627619	4.00	
* 6 Perylene-d12	264	14.066	14.066	0.0	96	501299	4.00	
$ 7 2-Fluorophenol	112	4.455	4.455	0.0	94	520034	9.72	
$ 8 Phenol-d5	99	5.396	5.396	0.0	90	665252	9.79	
$ 9 Nitrobenzene-d5	82	6.241	6.241	0.0	89	601682	10.9	
$ 10 2-Fluorobiphenyl (Surr)	172	7.782	7.782	0.0	99	1173070	9.74	
$ 11 2,4,6-Tribromophenol	330	9.028	9.028	0.0	91	168210	11.0	
$ 12 Terphenyl-d14	244	10.953	10.953	0.0	98	1167202	10.0	
24 1,4-Dioxane	88	2.085	2.085	0.0	96	197065	9.81	
25 N-Nitrosodimethylamine	74	2.503	2.503	0.0	89	340573	9.85	
26 Pyridine	79	2.556	2.556	0.0	94	556629	9.67	
27 Ethyl methacrylate	69	3.283	3.283	0.0	91	466814	9.76	
28 3-Chloropropionitrile	54	3.733	3.733	0.0	87	325030	10.2	
32 Malononitrile	66	4.134	4.134	0.0	98	631580	10.5	
40 Benzaldehyde	77	5.343	5.343	0.0	92	427059	9.46	
41 Phenol	94	5.407	5.407	0.0	99	704811	9.73	
43 Aniline	93	5.439	5.439	0.0	97	872256	9.63	
44 Bis(2-chloroethyl)ether	93	5.498	5.498	0.0	93	528626	9.45	
46 2-Chlorophenol	128	5.551	5.551	0.0	97	567607	9.70	
47 1,3-Dichlorobenzene	146	5.696	5.696	0.0	97	584930	9.28	
48 1,4-Dichlorobenzene	146	5.760	5.760	0.0	91	585308	9.34	
49 Benzyl alcohol	108	5.867	5.867	0.0	92	358873	9.95	
50 1,2-Dichlorobenzene	146	5.899	5.899	0.0	89	562855	9.42	
51 2-Methylphenol	108	5.958	5.958	0.0	97	504913	9.57	
52 2,2'-oxybis[1-chloropropane]	45	5.984	5.984	0.0	91	807354	9.84	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.091	6.091	0.0	98	525679	9.50	
57 Acetophenone	105	6.102	6.102	0.0	92	742545	9.49	
56 N-Nitrosodi-n-propylamine	70	6.102	6.102	0.0	91	386293	9.86	
60 Hexachloroethane	117	6.204	6.204	0.0	94	245126	9.63	
61 Nitrobenzene	77	6.257	6.257	0.0	85	607511	10.6	
63 Isophorone	82	6.466	6.466	0.0	97	1053336	10.5	
65 2-Nitrophenol	139	6.535	6.535	0.0	97	284303	10.6	
66 1,3,5-Trichlorobenzene	180	6.546	6.546	0.0	96	516023	10.4	
64 2,4-Dimethylphenol	107	6.562	6.562	0.0	82	562947	10.7	
69 Benzoic acid	122	6.632	6.632	0.0	86	647130	18.6	
68 Bis(2-chloroethoxy)methane	93	6.642	6.642	0.0	92	629879	9.90	
71 2,4-Dichlorophenol	162	6.739	6.739	0.0	97	438503	10.5	
72 1,2,4-Trichlorobenzene	180	6.819	6.819	0.0	90	504061	10.1	
73 Naphthalene	128	6.888	6.888	0.0	97	1562740	9.96	
74 4-Chloroaniline	127	6.926	6.926	0.0	86	676582	10.1	
77 Hexachlorobutadiene	225	6.990	6.990	0.0	94	280151	10.4	
78 1,2,3-Trichlorobenzene	180	7.011	7.011	0.0	89	475728	0	
83 Caprolactam	113	7.215	7.215	0.0	73	156898	9.89	
84 4-Chloro-3-methylphenol	107	7.327	7.327	0.0	92	480237	10.7	
85 2-Methylnaphthalene	142	7.477	7.477	0.0	90	1012288	10.1	
86 1-Methylnaphthalene	142	7.562	7.562	0.0	91	960354	10.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.605	7.605	0.0	95	506247	10.0	
88 Hexachlorocyclopentadiene	237	7.610	7.610	0.0	78	281163	9.35	
90 2,4,6-Trichlorophenol	196	7.712	7.712	0.0	91	327880	10.5	
91 2,4,5-Trichlorophenol	196	7.744	7.744	0.0	94	345524	10.3	
94 2,4-Toluene diamine	121	7.857	7.857	0.0	96	258302	8.08	
96 1,2,3,4 -Tetrachlorobenzene	216	7.862	7.862	0.0	94	480956	0	
95 1,1'-Biphenyl	154	7.873	7.873	0.0	94	1205127	9.20	
98 2-Chloronaphthalene	162	7.894	7.894	0.0	96	997831	9.74	
100 2-Nitroaniline	65	7.969	7.969	0.0	82	318896	10.6	
103 Dimethyl phthalate	163	8.113	8.113	0.0	98	1089579	10.0	
105 2,6-Dinitrotoluene	165	8.172	8.172	0.0	94	251234	10.0	
106 1,2-Dinitrobenzene	168	8.220	8.220	0.0	89	127738	10.6	
107 Acenaphthylene	152	8.247	8.247	0.0	90	1656553	9.79	
108 3-Nitroaniline	138	8.316	8.316	0.0	93	284189	10.4	
110 Acenaphthene	153	8.391	8.391	0.0	87	983377	9.66	
109 2,4-Dinitrophenol	184	8.402	8.402	0.0	83	305903	18.0	
111 4-Nitrophenol	109	8.440	8.440	0.0	94	159918	10.2	
112 2,4-Dinitrotoluene	165	8.509	8.509	0.0	91	331675	9.84	
114 Dibenzofuran	168	8.536	8.536	0.0	88	1437574	9.52	
115 2,3,5,6-Tetrachlorophenol	232	8.595	8.595	0.0	91	290351	10.5	
119 Diethyl phthalate	149	8.702	8.702	0.0	96	1122630	9.85	
121 4-Chlorophenyl phenyl ether	204	8.814	8.814	0.0	92	565248	9.85	
124 Fluorene	166	8.825	8.825	0.0	83	1162494	9.58	
123 4-Nitroaniline	138	8.830	8.830	0.0	77	287360	9.62	
126 4,6-Dinitro-2-methylphenol	198	8.851	8.851	0.0	84	201538	9.71	
130 N-Nitrosodiphenylamine	169	8.910	8.910	0.0	0	847202	9.76	
131 Azobenzene	77	8.948	8.948	0.0	99	1247744	10.2	
129 1,2-Diphenylhydrazine	77	8.948	8.948	0.0	0	1247744	10.2	
137 4-Bromophenyl phenyl ether	248	9.226	9.226	0.0	65	329698	10.3	
139 Hexachlorobenzene	284	9.290	9.290	0.0	91	338262	10.2	
140 Atrazine	200	9.343	9.343	0.0	89	253334	10.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.450	9.450	0.0	90	450463	20.1	
146 Phenanthrene	178	9.638	9.638	0.0	97	1652466	9.61	
147 Anthracene	178	9.680	9.680	0.0	97	1736616	10.2	
149 Carbazole	167	9.809	9.809	0.0	82	1648580	9.93	
151 Di-n-butyl phthalate	149	10.071	10.071	0.0	100	1896515	10.2	
157 Fluoranthene	202	10.638	10.638	0.0	97	1935235	10.2	
158 Benzidine	184	10.734	10.734	0.0	99	905604	8.52	
160 Pyrene	202	10.836	10.836	0.0	98	2023325	10.1	
166 Butyl benzyl phthalate	149	11.408	11.408	0.0	98	807318	9.78	
170 3,3'-Dimethoxybenzidine	244	11.986	11.986	0.0	85	313798	7.53	
173 3,3'-Dichlorobenzidine	252	12.018	12.018	0.0	67	673118	9.64	
172 4,4'-Methylene bis(2-chloroanili	231	12.018	12.018	0.0	67	309774	9.71	
171 Bis(2-ethylhexyl) phthalate	149	12.044	12.044	0.0	95	1122681	9.61	
175 Benzo[a]anthracene	228	12.066	12.066	0.0	94	1778165	10.2	
176 Chrysene	228	12.109	12.109	0.0	94	1692959	10.1	
178 Di-n-octyl phthalate	149	12.911	12.911	0.0	99	1750689	9.63	
180 Benzo[b]fluoranthene	252	13.505	13.505	0.0	94	1595642	9.98	
181 Benzo[k]fluoranthene	252	13.542	13.542	0.0	87	1892142	10.9	
182 Benzo[a]pyrene	252	13.986	13.986	0.0	78	1642473	9.91	
186 Indeno[1,2,3-cd]pyrene	276	15.660	15.660	0.0	94	1715948	9.45	
187 Dibenz(a,h)anthracene	278	15.692	15.692	0.0	75	1383918	8.96	
188 Benzo[g,h,i]perylene	276	16.067	16.067	0.0	95	1436278	10.0	
S 189 Methyl Phenols,Total	100				0		9.57	

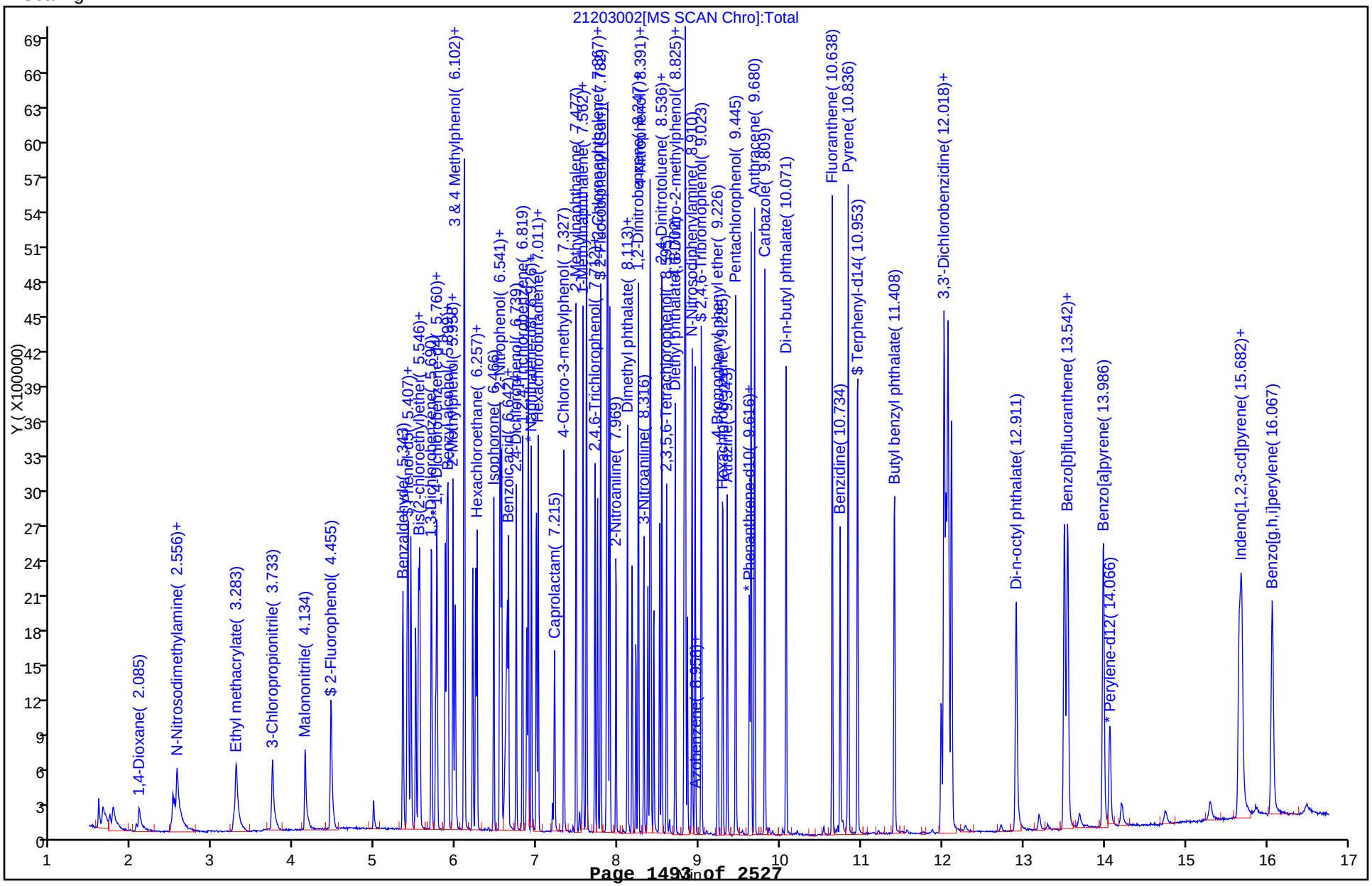
Report Date: 04-Dec-2012 11:17:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203002.D

Injection Date:	03-Dec-2012 10:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	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.: 240-17768-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/03/2012 18:21

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: 21203019.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.043			0.128	0.100		
Aniline	Ave	2.093			0.0884	0.100		
Bis(2-chloroethyl)ether	Ave	1.293			0.109	0.100		
2-Chlorophenol	Ave	1.352			0.0873	0.100		
1,3-Dichlorobenzene	Ave	1.457			0.104	0.100		
1,4-Dichlorobenzene	Ave	1.448			0.0856	0.100		
Benzyl alcohol	Ave	0.8332			0.0718	0.100		
1,2-Dichlorobenzene	Ave	1.380			0.117	0.100		
2-Methylphenol	Ave	1.220			0.0898	0.100		
3 & 4 Methylphenol	Ave	1.279			0.0942	0.100		
Acetophenone	Ave	1.808			0.113	0.100		
N-Nitrosodi-n-propylamine	Ave	0.9059			0.125	0.100		
Hexachloroethane	Ave	0.5884			0.101	0.100		
Nitrobenzene	Ave	0.3635			0.107	0.100		
Isophorone	Ave	0.6380			0.109	0.100		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.0868	0.100		
2,4-Dichlorophenol	Ave	0.2657			0.0777	0.100		
1,2,4-Trichlorobenzene	Ave	0.3169			0.114	0.100		
Naphthalene	Ave	0.999			0.102	0.100		
Hexachlorobutadiene	Ave	0.1716			0.0873	0.100		
4-Chloro-3-methylphenol	Ave	0.2854			0.0969	0.100		
2-Methylnaphthalene	Ave	0.6393			0.103	0.100		
2,4,6-Trichlorophenol	Ave	0.3372			0.115	0.100		
2,4,5-Trichlorophenol	Ave	0.3632			0.105	0.100		
1,1'-Biphenyl	Ave	1.413			0.0934	0.100		
2-Chloronaphthalene	Ave	1.105			0.0960	0.100		
Dimethyl phthalate	Ave	1.175			0.117	0.100		
Acenaphthylene	Ave	1.825			0.111	0.100		
Acenaphthene	Ave	1.097			0.102	0.100		
Dibenzofuran	Ave	1.629			0.0944	0.100		
Diethyl phthalate	Ave	1.228			0.109	0.100		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.107	0.100		
Fluorene	Ave	1.308			0.0994	0.100		
4-Bromophenyl phenyl ether	Ave	0.2040			0.139	0.100		
Hexachlorobenzene	Ave	0.2101			0.141	0.100		
Phenanthrene	Ave	1.093			0.115	0.100		
Anthracene	Ave	1.086			0.105	0.100		
Carbazole	Ave	1.055			0.100	0.100		
Di-n-butyl phthalate	Ave	1.185			0.110	0.100		
Fluoranthene	Ave	1.207			0.103	0.100		
Pyrene	Ave	1.276			0.111	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/03/2012 18:21

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: 21203019.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Qua				0.221	0.100		
Bis(2-ethylhexyl) phthalate	Qua				0.316	0.100		
Benzo[a]anthracene	Ave	1.116			0.123	0.100		
Chrysene	Ave	1.064			0.122	0.100		
Benzo[b]fluoranthene	Ave	1.276			0.108	0.100		
Benzo[k]fluoranthene	Ave	1.387			0.117	0.100		
Benzo[a]pyrene	Qua				0.225	0.100		
Indeno[1,2,3-cd]pyrene	Qua				0.151	0.100		
Dibenz(a,h)anthracene	Qua				0.256	0.100		
Benzo[g,h,i]perylene	Ave	1.145			0.104	0.100		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.000800	0.100		
1,4-Dioxane	Ave	0.4642			0.000800	0.100		
2,4-Dimethylphenol	Ave	0.3362			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-Nitroaniline	Ave	0.3242			0.000800	0.100		
2-Nitrophenol	Ave	0.1710			0.000800	0.100		
3,3'-Dichlorobenzidine	Qua				0.000800	0.100		
3-Nitroaniline	Ave	0.2941			0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Nitroaniline	Qua				0.000800	0.100		
4-Nitrophenol	Ave	0.1694			0.00240	0.100		
Atrazine	Ave	0.1501			0.000800	0.100		
Benzidine	Qua				0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Caprolactam	Qua				0.000800	0.100		
Di-n-octyl phthalate	Qua				0.000800	0.100		
Hexachlorocyclopentadiene	Ave	0.3241			0.000800	0.100		
N-Nitrosodimethylamine	Qua				0.000800	0.100		
N-Nitrosodiphenylamine	Ave	0.5517			0.000800	0.100		
Pentachlorophenol	Qua				0.00240	0.200		
Phenol	Ave	1.674			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/03/2012 18:21

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: 21203019.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pyridine	Ave	1.330			0.000800	0.100		
2-Fluorophenol (Surr)	Ave	1.236			0.0607	0.100	61	35-105
Phenol-d5 (Surr)	Ave	1.570			0.0919	0.100	92	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			0.100	0.100	100	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.115	0.100	115*	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.106	0.100	106	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.120	0.100	120	30-125

Report Date: 04-Dec-2012 13:03:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203019.D		
Lims ID:	mdll1	Client ID:	
Inject. Date:	03-Dec-2012 18:21:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015460-019		
Misc. Info.:	mdll1		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	67052	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\8270_hp7.m		
Last Update:	04-Dec-2012 11:18:37	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:	XAWRK009		

First Level Reviewer: gruberj Date: 04-Dec-2012 10:57:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.749	5.744	0.005	95	185251	4.00	
* 2 Naphthalene-d8	136	6.872	6.872	0.0	99	685606	4.00	
* 3 Acenaphthene-d10	164	8.364	8.365	-0.001	90	388846	4.00	
* 4 Phenanthrene-d10	188	9.616	9.616	0.0	98	678647	4.00	
* 5 Chrysene-d12	240	12.076	12.077	-0.001	97	666494	4.00	
* 6 Perylene-d12	264	14.066	14.066	0.0	97	549755	4.00	
$ 7 2-Fluorophenol	112	4.465	4.455	0.010	24	3478	0.0607	
$ 8 Phenol-d5	99	5.401	5.396	0.005	66	6680	0.0919	
$ 9 Nitrobenzene-d5	82	6.241	6.241	0.0	68	6025	0.1000	
$ 10 2-Fluorobiphenyl (Surr)	172	7.781	7.782	-0.001	83	14500	0.1149	
$ 11 2,4,6-Tribromophenol	330	9.022	9.028	-0.006	34	1703	0.1059	
$ 12 Terphenyl-d14	244	10.948	10.953	-0.005	83	14808	0.1200	
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-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					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	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					
23 Octachlorocyclopentene	1		0.000					
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
24 1,4-Dioxane	88		2.085					9
25 N-Nitrosodimethylamine	74		2.503					
26 Pyridine	79		2.556					9
232 1-Methyl-2-pyrrilidinone	99	3.267	3.271	-0.004	0	156	0	
27 Ethyl methacrylate	69		3.283					9
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54		3.733					
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66		4.134					9
33 Acrylamide	71	4.358	4.349	0.009	1	68	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.578	4.536	0.042	0	1671	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
40 Benzaldehyde	77	5.348	5.343	0.005	71	6168	0.1277	
37 2-Methylcyclohexanone	68	5.391	5.376	0.015	19	67	0	
41 Phenol	94		5.407					9
38 3-Methylcyclohexanone	69	5.423	5.414	0.009	1	446	0	
43 Aniline	93	5.444	5.439	0.005	70	8570	0.0884	
39 4-Methylcyclohexanone	55	5.471	5.462	0.009	1	1808	0	
42 Phenylmercaptan	110		5.473					
44 Bis(2-chloroethyl)ether	93	5.503	5.498	0.005	87	6506	0.1087	
46 2-Chlorophenol	128	5.551	5.551	0.0	60	5468	0.0873	
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146	5.690	5.696	-0.006	67	7003	0.1038	
48 1,4-Dichlorobenzene	146	5.760	5.760	0.0	4	5740	0.0856	
49 Benzyl alcohol	108	5.872	5.867	0.005	59	2772	0.0718	
50 1,2-Dichlorobenzene	146	5.904	5.899	0.005	65	7465	0.1168	
51 2-Methylphenol	108	5.963	5.958	0.005	70	5073	0.0898	
52 2,2'-oxybis[1-chloropropane]	45	5.990	5.984	0.006	80	9954	0.1133	
53 Indene	115		6.066					9
191 3 & 4 Methylphenol	108	6.097	6.091	0.006	79	5579	0.0942	
57 Acetophenone	105	6.102	6.102	0.0	75	9424	0.1126	
56 N-Nitrosodi-n-propylamine	70	6.102	6.102	0.0	75	5252	0.1252	
60 Hexachloroethane	117	6.204	6.204	0.0	69	2740	0.1005	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
61 Nitrobenzene	77	6.257	6.257	0.0	66	6684	0.1073	
59 2-Toluidine	106		6.269					
63 Isophorone	82	6.460	6.466	-0.006	87	11939	0.1092	
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139		6.535					9
66 1,3,5-Trichlorobenzene	180	6.546	6.546	0.0	74	4965	0.0913	
64 2,4-Dimethylphenol	107		6.562					9
69 Benzoic acid	122		6.632					
68 Bis(2-chloroethoxy)methane	93	6.648	6.642	0.006	76	6029	0.0868	
71 2,4-Dichlorophenol	162	6.744	6.739	0.005	82	3537	0.0777	
67 o,o',o''-Triethylphosphorothioat	198		6.740					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180	6.819	6.819	0.0	80	6198	0.1141	
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128	6.888	6.888	0.0	68	17493	0.1021	
74 4-Chloroaniline	127	6.931	6.926	0.005	79	6968	0.0954	
77 Hexachlorobutadiene	225	6.984	6.990	-0.006	59	2568	0.0873	
78 1,2,3-Trichlorobenzene	180	7.011	7.011	0.0	72	5512	0	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					9
79 Benzothiazole	135		7.195					
83 Caprolactam	113		7.215					9
80 Quinoline	129		7.259					9
84 4-Chloro-3-methylphenol	107	7.327	7.327	0.0	70	4740	0.0969	
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					9
85 2-Methylnaphthalene	142	7.477	7.477	0.0	77	11290	0.1030	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.567	7.562	0.005	69	9511	0.0912	
87 1,2,3,5-Tetrachlorobenzene	216	7.610	7.605	0.005	66	5911	0.1118	
88 Hexachlorocyclopentadiene	237		7.610					9
90 2,4,6-Trichlorophenol	196	7.712	7.712	0.0	31	3772	0.1151	
91 2,4,5-Trichlorophenol	196	7.749	7.744	0.005	69	3724	0.1055	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					1
94 2,4-Toluene diamine	121		7.857					9
96 1,2,3,4 -Tetrachlorobenzene	216	7.862	7.862	0.0	84	5674	0	
95 1,1'-Biphenyl	154	7.867	7.873	-0.006	85	12826	0.0934	
98 2-Chloronaphthalene	162	7.894	7.894	0.0	75	10305	0.0960	
227 Isosafrole Peak 2	162		7.960					1
100 2-Nitroaniline	65		7.969					9
97 3,4-Dichloronitrobenzene	109		7.986					
99 Phenyl ether	170		8.040					
103 Dimethyl phthalate	163	8.113	8.113	0.0	79	13312	0.1166	
101 1,4-Naphthoquinone	158		8.168					
105 2,6-Dinitrotoluene	165		8.172					
102 1,4-Dinitrobenzene	168		8.211					9
106 1,2-Dinitrobenzene	168		8.220					9
107 Acenaphthylene	152	8.247	8.247	0.0	85	19610	0.1106	
104 1,3-Dinitrobenzene	168		8.275					9
108 3-Nitroaniline	138		8.316					9
110 Acenaphthene	153	8.391	8.391	0.0	80	10896	0.1021	
109 2,4-Dinitrophenol	184		8.402					
111 4-Nitrophenol	109		8.440					9
112 2,4-Dinitrotoluene	165		8.509					
114 Dibenzofuran	168	8.536	8.536	0.0	73	14951	0.0944	
115 2,3,5,6-Tetrachlorophenol	232	8.594	8.595	-0.001	55	2371	0.0815	
113 Pentachlorobenzene	250		8.633					
119 Diethyl phthalate	149	8.701	8.702	-0.001	83	13041	0.1092	
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					
121 4-Chlorophenyl phenyl ether	204	8.814	8.814	0.0	62	6433	0.1070	
124 Fluorene	166	8.824	8.825	-0.001	85	12630	0.0994	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138		8.830					9
126 4,6-Dinitro-2-methylphenol	198		8.851					
120 Thionazin	97		8.901					
130 N-Nitrosodiphenylamine	169		8.910					
131 Azobenzene	77	8.947	8.948	-0.001	76	13211	0.1000	
129 1,2-Diphenylhydrazine	77		8.948					
122 N-Nitro-o-toluidine	152		8.954					9
125 Tributyl phosphate	99		8.992					
128 Diphenylamine	169		9.040					
132 Sulfotepp	202		9.152					
137 4-Bromophenyl phenyl ether	248	9.226	9.226	0.0	59	4809	0.1389	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					
139 Hexachlorobenzene	284	9.290	9.290	0.0	52	5024	0.1409	
140 Atrazine	200		9.343					9
230 Diallate Peak 2	86		9.356					14
138 Dimethoate	87		9.430					
141 Pentachlorophenol	266		9.450					9
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
146 Phenanthrene	178	9.637	9.638	-0.001	76	21383	0.1153	
147 Anthracene	178	9.680	9.680	0.0	87	19392	0.1053	
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
149 Carbazole	167	9.809	9.809	0.0	89	17981	0.1005	
148 DFTPP								
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.071	10.071	0.0	92	22080	0.1099	
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
157 Fluoranthene	202	10.638	10.638	0.0	88	21142	0.1033	
156 Isodrin	66		10.655					
158 Benzidine	184		10.734					
160 Pyrene	202	10.836	10.836	0.0	92	23517	0.1106	
164 4,4'-DDE	246		10.900					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
163 4,4'-DDD	235		11.210					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
166 Butyl benzyl phthalate	149	11.408	11.408	0.0	73	8341	0.2209	
168 4,4'-DDT	235		11.520					
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244		11.986					9
173 3,3'-Dichlorobenzidine	252		12.018					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231		12.018					9
171 Bis(2-ethylhexyl) phthalate	149	12.039	12.044	-0.005	84	15234	0.3163	
175 Benzo[a]anthracene	228	12.066	12.066	0.0	77	22937	0.1233	
176 Chrysene	228	12.114	12.109	0.005	54	21549	0.1216	
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149		12.911					
180 Benzo[b]fluoranthene	252	13.499	13.505	-0.006	83	18867	0.1076	
181 Benzo[k]fluoranthene	252	13.542	13.542	0.0	63	22358	0.1173	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	13.986	13.986	0.0	50	19972	0.2255	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					
186 Indeno[1,2,3-cd]pyrene	276	15.671	15.660	0.011	77	13668	0.1511	
187 Dibenz(a,h)anthracene	278	15.692	15.692	0.0	1	14839	0.2557	M
188 Benzo[g,h,i]perylene	276	16.061	16.067	-0.006	60	16321	0.1037	M
S 189 Methyl Phenols,Total	100				0		0.0898	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.026	3.050	-0.024	1	219	0	
T 194 Octadecane (TIC)	254	6.198	6.300	-0.102	1	215	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

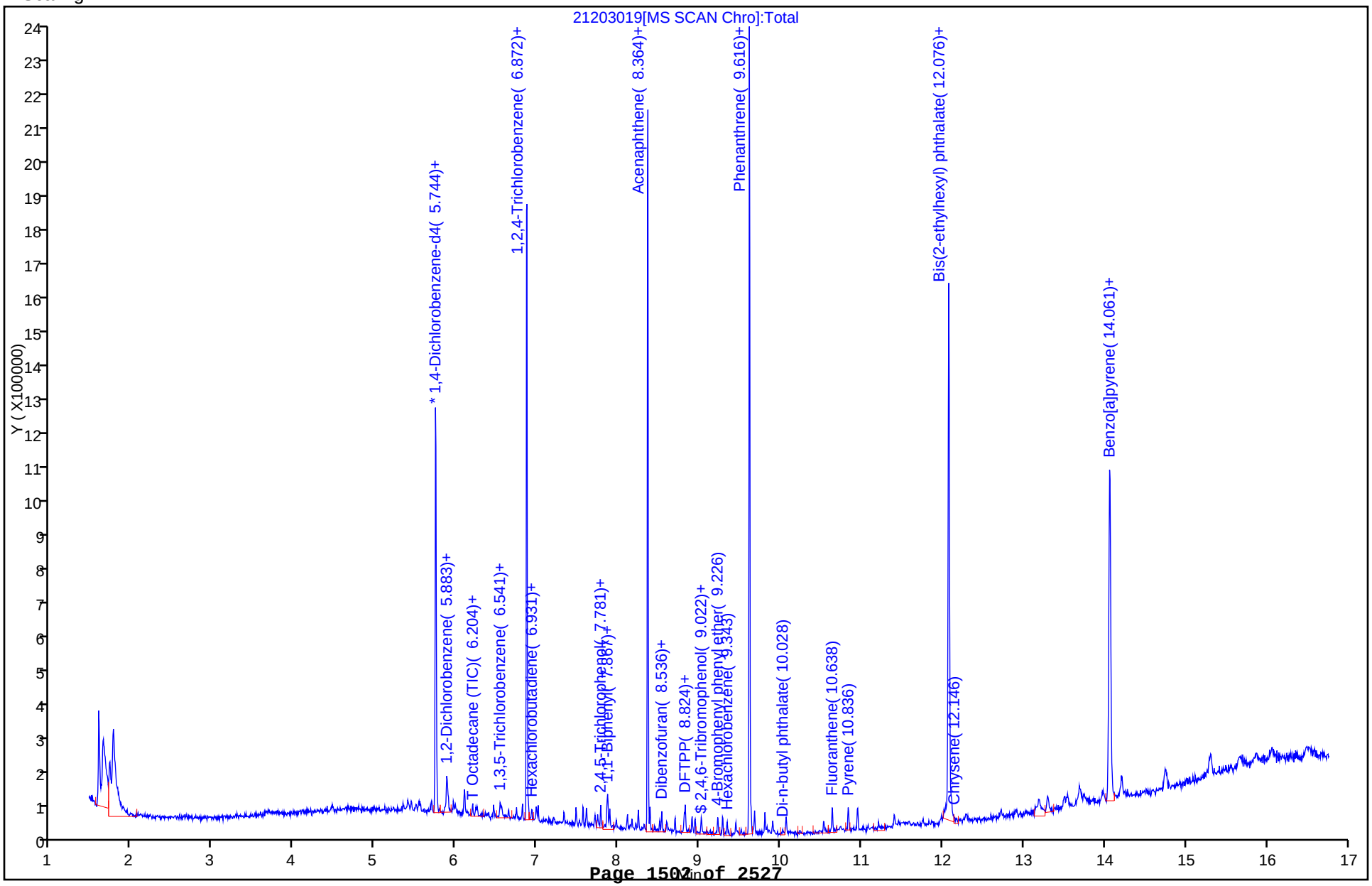
Report Date: 04-Dec-2012 13:03:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203019.D

Injection Date:	03-Dec-2012 18:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	Lims Sample ID:	19
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

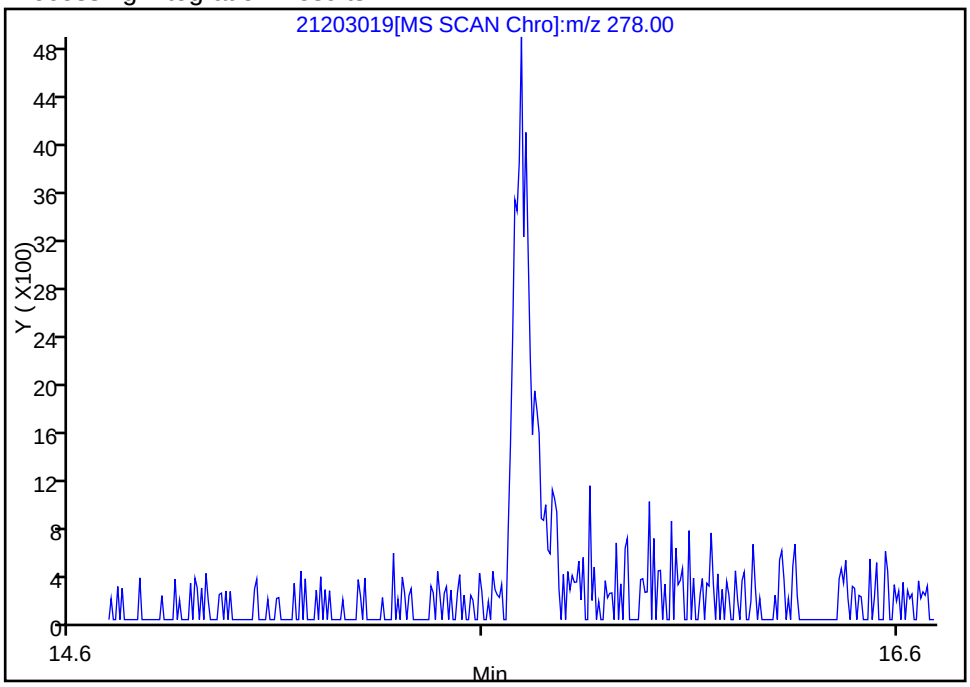
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203019.D		
Injection Date:	03-Dec-2012 18:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	Lims Sample ID:	19
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: 15.69

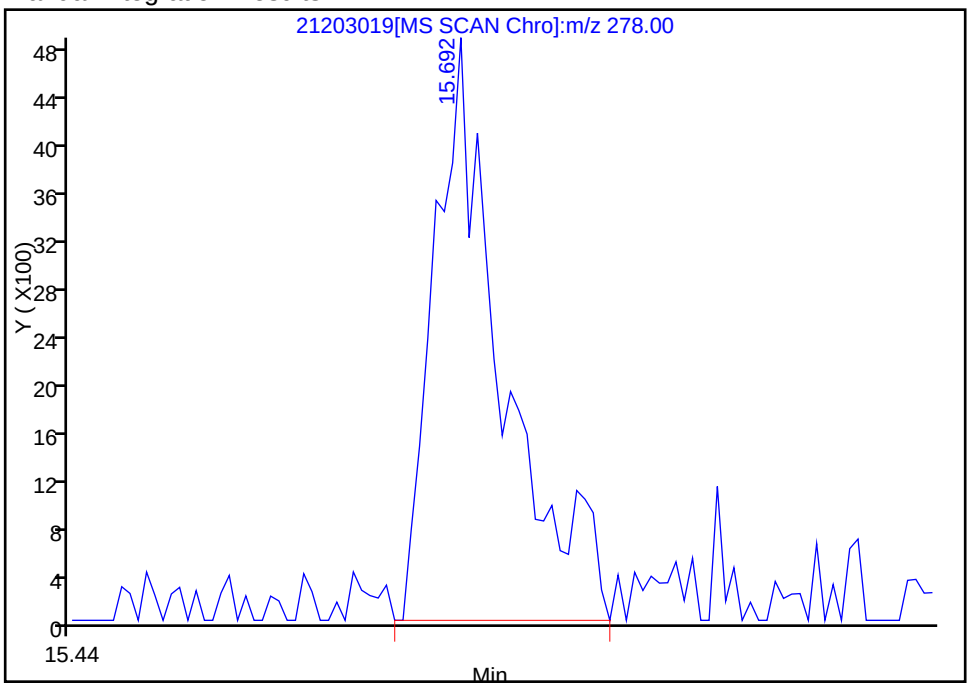
Processing Integration Results

Not Detected
Expected RT: 15.69



Manual Integration Results

RT: 15.69
Response: 14839
Amount: 0.255728



Reviewer: gruberj, 04-Dec-2012 10:57:57
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

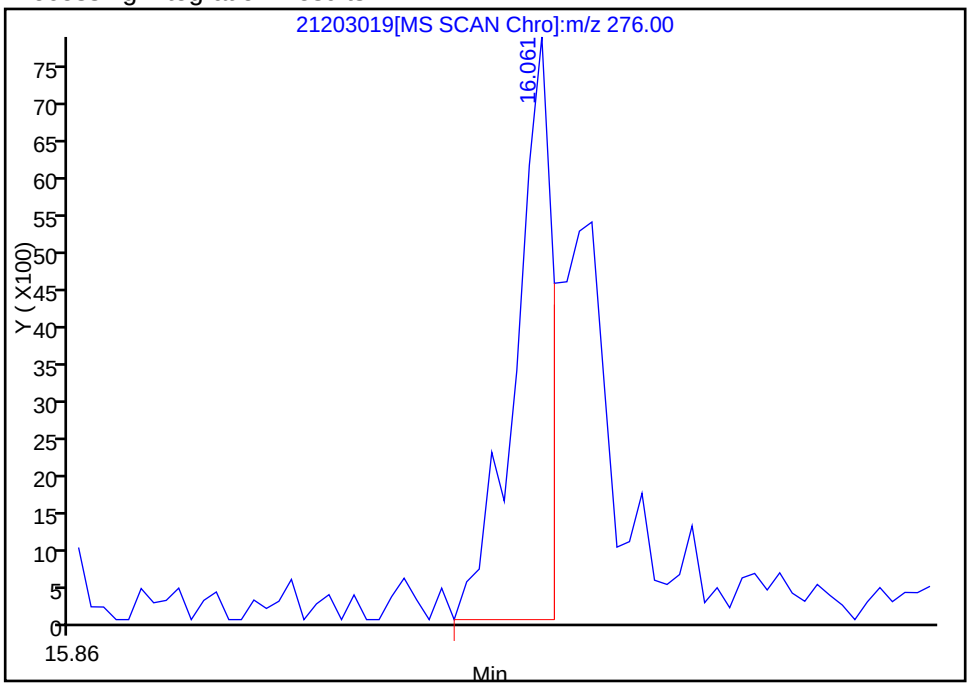
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203019.D		
Injection Date:	03-Dec-2012 18:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.07

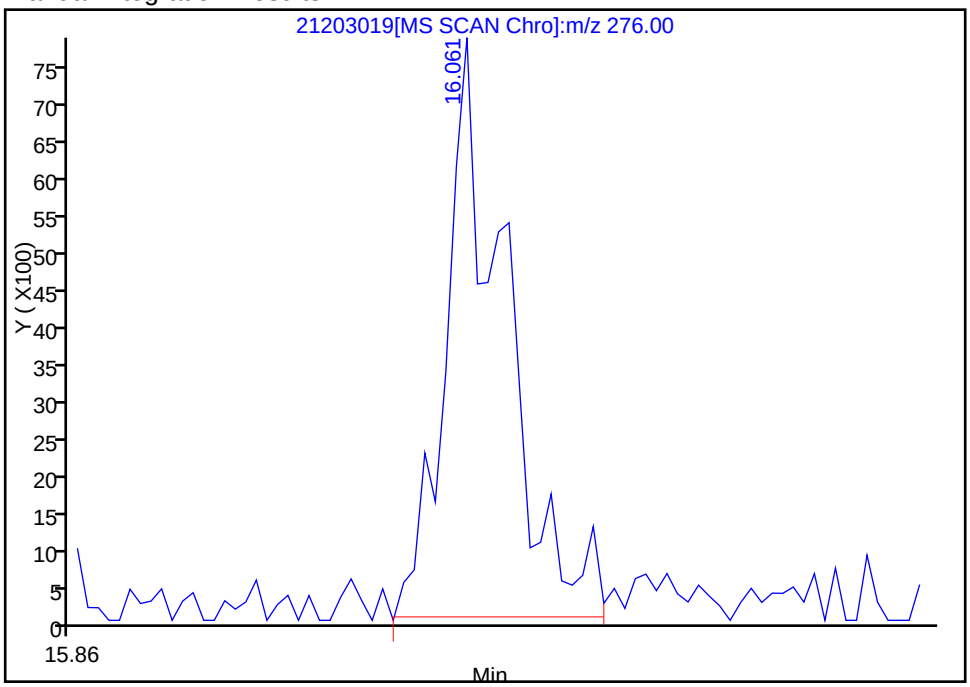
Processing Integration Results

RT: 16.06
Response: 8603
Amount: 0.054659



Manual Integration Results

RT: 16.06
Response: 16321
Amount: 0.103696



Reviewer: gruberj, 04-Dec-2012 10:57:57
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/03/2012 18:45

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: 21203020.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			0.461	0.500		
N-Nitrosodimethylamine	Qua				0.450	0.500		
Pyridine	Ave	1.330			0.324	0.500		
Benzaldehyde	Ave	1.043			0.576	0.500		
Phenol	Ave	1.674			0.530	0.500		
Aniline	Ave	2.093			0.456	0.500		
Bis(2-chloroethyl)ether	Ave	1.293			0.511	0.500		
2-Chlorophenol	Ave	1.352			0.490	0.500		
1,3-Dichlorobenzene	Ave	1.457			0.525	0.500		
1,4-Dichlorobenzene	Ave	1.448			0.507	0.500		
Benzyl alcohol	Ave	0.8332			0.414	0.500		
1,2-Dichlorobenzene	Ave	1.380			0.544	0.500		
2-Methylphenol	Ave	1.220			0.533	0.500		
3 & 4 Methylphenol	Ave	1.279			0.489	0.500		
N-Nitrosodi-n-propylamine	Ave	0.9059			0.589	0.500		
Acetophenone	Ave	1.808			0.537	0.500		
Hexachloroethane	Ave	0.5884			0.485	0.500		
Nitrobenzene	Ave	0.3635			0.490	0.500		
Isophorone	Ave	0.6380			0.494	0.500		
2-Nitrophenol	Ave	0.1710			0.504	0.500		
2,4-Dimethylphenol	Ave	0.3362			0.481	0.500		
Benzoic acid	Qua				1.72	1.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.493	0.500		
2,4-Dichlorophenol	Ave	0.2657			0.468	0.500		
1,2,4-Trichlorobenzene	Ave	0.3169			0.532	0.500		
Naphthalene	Ave	0.999			0.502	0.500		
Hexachlorobutadiene	Ave	0.1716			0.609	0.500		
Caprolactam	Qua				0.834	0.500		
4-Chloro-3-methylphenol	Ave	0.2854			0.525	0.500		
2-Methylnaphthalene	Ave	0.6393			0.473	0.500		
Hexachlorocyclopentadiene	Ave	0.3241			0.197	0.500		
2,4,6-Trichlorophenol	Ave	0.3372			0.459	0.500		
2,4,5-Trichlorophenol	Ave	0.3632			0.465	0.500		
1,1'-Biphenyl	Ave	1.413			0.465	0.500		
2-Chloronaphthalene	Ave	1.105			0.488	0.500		
2-Nitroaniline	Ave	0.3242			0.459	0.500		
Dimethyl phthalate	Ave	1.175			0.519	0.500		
2,6-Dinitrotoluene	Qua				0.763	0.500		
Acenaphthylene	Ave	1.825			0.500	0.500		
3-Nitroaniline	Ave	0.2941			0.402	0.500		
Acenaphthene	Ave	1.097			0.529	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/03/2012 18:45

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: 21203020.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				2.47	1.00		
4-Nitrophenol	Ave	0.1694			0.264	0.500		
2,4-Dinitrotoluene	Qua				0.726	0.500		
Dibenzofuran	Ave	1.629			0.491	0.500		
Diethyl phthalate	Ave	1.228			0.468	0.500		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.548	0.500		
4-Nitroaniline	Qua				0.616	0.500		
Fluorene	Ave	1.308			0.475	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.796	0.500		
N-Nitrosodiphenylamine	Ave	0.5517			0.463	0.500		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.474	0.500		
4-Bromophenyl phenyl ether	Ave	0.2040			0.512	0.500		
Hexachlorobenzene	Ave	0.2101			0.524	0.500		
Atrazine	Ave	0.1501			0.521	0.500		
Pentachlorophenol	Qua				0.972	1.00		
Phenanthrene	Ave	1.093			0.492	0.500		
Anthracene	Ave	1.086			0.467	0.500		
Carbazole	Ave	1.055			0.462	0.500		
Di-n-butyl phthalate	Ave	1.185			0.468	0.500		
Fluoranthene	Ave	1.207			0.483	0.500		
Benzidine	Qua				0.565	0.500		
Pyrene	Ave	1.276			0.492	0.500		
Butyl benzyl phthalate	Qua				0.521	0.500		
3,3'-Dichlorobenzidine	Qua				0.543	0.500		
Bis(2-ethylhexyl) phthalate	Qua				0.562	0.500		
Benzo[a]anthracene	Ave	1.116			0.498	0.500		
Chrysene	Ave	1.064			0.513	0.500		
Di-n-octyl phthalate	Qua				0.655	0.500		
Benzo[b]fluoranthene	Ave	1.276			0.484	0.500		
Benzo[k]fluoranthene	Ave	1.387			0.458	0.500		
Benzo[a]pyrene	Qua				0.559	0.500		
Indeno[1,2,3-cd]pyrene	Qua				0.456	0.500		
Dibenz(a,h)anthracene	Qua				0.505	0.500		
Benzo[g,h,i]perylene	Ave	1.145			0.406	0.500		
2-Fluorophenol (Surr)	Ave	1.236			0.473	0.500	95	35-105
Phenol-d5 (Surr)	Ave	1.570			0.495	0.500	99	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			0.540	0.500	108*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.488	0.500	98	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.455	0.500	91	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.508	0.500	102	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203020.D		
Lims ID:	mdll2	Client ID:	
Inject. Date:	03-Dec-2012 18:45:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015460-020		
Misc. Info.:	mdll2		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	67052	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\8270_hp7.m		
Last Update:	04-Dec-2012 11:18:37	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:	XAWRK009		
First Level Reviewer: gruberj		Date:	04-Dec-2012 11:01:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.744	5.744	0.0	95	168661	4.00	
* 2 Naphthalene-d8	136	6.867	6.872	-0.005	100	662955	4.00	
* 3 Acenaphthene-d10	164	8.365	8.365	0.0	93	377547	4.00	
* 4 Phenanthrene-d10	188	9.616	9.616	0.0	98	662488	4.00	
* 5 Chrysene-d12	240	12.077	12.077	0.0	97	654282	4.00	
* 6 Perylene-d12	264	14.066	14.066	0.0	92	517888	4.00	
$ 7 2-Fluorophenol	112	4.460	4.455	0.005	78	24669	0.4732	
$ 8 Phenol-d5	99	5.396	5.396	0.0	93	32759	0.4949	
$ 9 Nitrobenzene-d5	82	6.241	6.241	0.0	84	31490	0.5402	
$ 10 2-Fluorobiphenyl (Surr)	172	7.782	7.782	0.0	95	59795	0.4882	
$ 11 2,4,6-Tribromophenol	330	9.028	9.028	0.0	65	7099	0.4545	
$ 12 Terphenyl-d14	244	10.953	10.953	0.0	92	61563	0.5080	
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-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					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	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					
23 Octachlorocyclopentene	1		0.000					
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
24 1,4-Dioxane	88	2.096	2.085	0.011	57	9031	0.4614	
25 N-Nitrosodimethylamine	74	2.513	2.503	0.011	86	2866	0.4502	
26 Pyridine	79	2.577	2.556	0.021	90	18151	0.3236	
232 1-Methyl-2-pyrrilidinone	99	3.262	3.271	-0.009	0	1118	0	
27 Ethyl methacrylate	69	3.289	3.283	0.006	56	18339	0.3935	
18 Dimethylformamide	73		3.545					9
28 3-Chloropropionitrile	54	3.743	3.733	0.010	77	6750	0.2170	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.161	4.134	0.027	52	9093	0.1550	
33 Acrylamide	71	4.310	4.349	-0.039	1	70	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.498	4.536	-0.038	0	2387	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
40 Benzaldehyde	77	5.343	5.343	0.0	92	25328	0.5760	
37 2-Methylcyclohexanone	68	5.369	5.376	-0.007	1	238	0	
41 Phenol	94	5.407	5.407	0.0	94	37431	0.5304	
38 3-Methylcyclohexanone	69	5.396	5.414	-0.018	7	5907	0	
43 Aniline	93	5.439	5.439	0.0	78	40246	0.4560	
39 4-Methylcyclohexanone	55	5.492	5.462	0.030	1	1144	0	
42 Phenylmercaptan	110		5.473					
44 Bis(2-chloroethyl)ether	93	5.503	5.498	0.005	87	27882	0.5115	
46 2-Chlorophenol	128	5.551	5.551	0.0	89	27960	0.4904	
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146	5.696	5.696	0.0	93	32263	0.5250	
48 1,4-Dichlorobenzene	146	5.760	5.760	0.0	73	30955	0.5071	
49 Benzyl alcohol	108	5.867	5.867	0.0	83	14533	0.4137	
50 1,2-Dichlorobenzene	146	5.899	5.899	0.0	89	31638	0.5436	
51 2-Methylphenol	108	5.963	5.958	0.005	87	27404	0.5327	
52 2,2'-oxybis[1-chloropropane]	45	5.984	5.984	0.0	86	46566	0.5821	
53 Indene	115		6.066					
191 3 & 4 Methylphenol	108	6.091	6.091	0.0	94	26347	0.4886	
57 Acetophenone	105	6.102	6.102	0.0	88	40920	0.5368	
56 N-Nitrosodi-n-propylamine	70	6.097	6.102	-0.005	73	22491	0.5888	
60 Hexachloroethane	117	6.204	6.204	0.0	95	12039	0.4852	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
61 Nitrobenzene	77	6.257	6.257	0.0	86	29519	0.4900	
59 2-Toluidine	106		6.269					
63 Isophorone	82	6.461	6.466	-0.006	98	52204	0.4937	
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139	6.535	6.535	0.0	87	14298	0.5044	
66 1,3,5-Trichlorobenzene	180	6.546	6.546	0.0	93	26909	0.5119	
64 2,4-Dimethylphenol	107	6.562	6.562	0.0	88	26779	0.4805	
69 Benzoic acid	122	6.589	6.632	-0.043	63	10931	1.72	
68 Bis(2-chloroethoxy)methane	93	6.642	6.642	0.0	94	33124	0.4932	
71 2,4-Dichlorophenol	162	6.744	6.739	0.005	86	20628	0.4684	
67 o,o',o''-Triethylphosphorothioat	198		6.740					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180	6.819	6.819	0.0	90	27947	0.5321	
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128	6.888	6.888	0.0	95	83082	0.5015	
74 4-Chloroaniline	127	6.926	6.926	0.0	84	32417	0.4591	
77 Hexachlorobutadiene	225	6.990	6.990	0.0	78	17319	0.6088	
78 1,2,3-Trichlorobenzene	180	7.011	7.011	0.0	85	25440	0	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					9
79 Benzothiazole	135		7.195					
83 Caprolactam	113	7.199	7.215	-0.016	68	7405	0.8335	
80 Quinoline	129		7.259					
84 4-Chloro-3-methylphenol	107	7.327	7.327	0.0	92	24825	0.5248	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
85 2-Methylnaphthalene	142	7.477	7.477	0.0	92	50115	0.4730	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.562	7.562	0.0	78	51664	0.5124	
87 1,2,3,5-Tetrachlorobenzene	216	7.605	7.605	0.0	88	25327	0.4936	
88 Hexachlorocyclopentadiene	237	7.610	7.610	0.0	53	6023	0.1969	
90 2,4,6-Trichlorophenol	196	7.712	7.712	0.0	85	14611	0.4591	
91 2,4,5-Trichlorophenol	196	7.744	7.744	0.0	91	15950	0.4653	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					149
94 2,4-Toluene diamine	121	7.856	7.857	0.0	79	12547	0.3718	
96 1,2,3,4 -Tetrachlorobenzene	216	7.862	7.862	0.0	88	27233	0	
95 1,1'-Biphenyl	154	7.867	7.873	-0.006	95	61982	0.4648	
98 2-Chloronaphthalene	162	7.894	7.894	0.0	84	50826	0.4875	
227 Isosafrole Peak 2	162		7.960					
100 2-Nitroaniline	65	7.969	7.969	0.0	59	14056	0.4593	
97 3,4-Dichloronitrobenzene	109		7.986					9
99 Phenyl ether	170		8.040					
103 Dimethyl phthalate	163	8.108	8.113	-0.005	97	57568	0.5192	
101 1,4-Naphthoquinone	158		8.168					
105 2,6-Dinitrotoluene	165	8.167	8.172	-0.005	75	9529	0.7627	
102 1,4-Dinitrobenzene	168		8.211					
106 1,2-Dinitrobenzene	168	8.215	8.220	-0.005	83	5557	0.4517	
107 Acenaphthylene	152	8.247	8.247	0.0	85	86192	0.5005	
104 1,3-Dinitrobenzene	168		8.275					
108 3-Nitroaniline	138	8.316	8.316	0.0	86	11155	0.4019	
110 Acenaphthene	153	8.391	8.391	0.0	90	54825	0.5294	
109 2,4-Dinitrophenol	184	8.407	8.402	0.005	1	3804	2.47	
111 4-Nitrophenol	109	8.439	8.440	-0.001	88	4215	0.2637	
112 2,4-Dinitrotoluene	165	8.509	8.509	0.0	84	13395	0.7258	
114 Dibenzofuran	168	8.536	8.536	0.0	86	75518	0.4913	
115 2,3,5,6-Tetrachlorophenol	232	8.595	8.595	0.0	88	12727	0.4504	
113 Pentachlorobenzene	250		8.633					
119 Diethyl phthalate	149	8.702	8.702	0.0	93	54194	0.4675	
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					
121 4-Chlorophenyl phenyl ether	204	8.814	8.814	0.0	90	31986	0.5477	
124 Fluorene	166	8.825	8.825	0.0	83	58658	0.4752	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.825	8.830	-0.005	49	10542	0.6165	
126 4,6-Dinitro-2-methylphenol	198	8.851	8.851	0.0	1	3062	0.7956	
120 Thionazin	97		8.901					
130 N-Nitrosodiphenylamine	169	8.910	8.910	0.0	0	42262	0.4626	
131 Azobenzene	77	8.948	8.948	0.0	97	61103	0.4739	
129 1,2-Diphenylhydrazine	77	8.948	8.948	0.0	0	61103	0.4739	
122 N-Nitro-o-toluidine	152		8.954					
125 Tributyl phosphate	99		8.992					9
128 Diphenylamine	169		9.040					9
132 Sulfotepp	202		9.152					
137 4-Bromophenyl phenyl ether	248	9.226	9.226	0.0	63	17289	0.5117	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					
139 Hexachlorobenzene	284	9.285	9.290	-0.005	84	18228	0.5239	
140 Atrazine	200	9.343	9.343	0.0	82	12953	0.5209	
230 Diallate Peak 2	86		9.356					1
138 Dimethoate	87		9.430					9
141 Pentachlorophenol	266	9.450	9.450	0.0	78	14009	0.9720	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
146 Phenanthrene	178	9.638	9.638	0.0	95	89081	0.4922	
147 Anthracene	178	9.680	9.680	0.0	95	84058	0.4675	
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
149 Carbazole	167	9.809	9.809	0.0	81	80789	0.4625	
148 DFTPP								
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.071	10.071	0.0	98	91818	0.4680	
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
157 Fluoranthene	202	10.638	10.638	0.0	95	96570	0.4831	
156 Isodrin	66		10.655					9
158 Benzidine	184	10.739	10.734	0.005	80	18251	0.5647	
160 Pyrene	202	10.836	10.836	0.0	98	102759	0.4922	
164 4,4'-DDE	246		10.900					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
163 4,4'-DDD	235		11.210					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
166 Butyl benzyl phthalate	149	11.408	11.408	0.0	91	33396	0.5211	
168 4,4'-DDT	235		11.520					9
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244		11.986					9
173 3,3'-Dichlorobenzidine	252	12.023	12.018	0.005	58	25378	0.5427	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.018	12.018	0.0	62	9004	0.4011	
171 Bis(2-ethylhexyl) phthalate	149	12.044	12.044	0.0	95	44460	0.5615	
175 Benzo[a]anthracene	228	12.066	12.066	0.0	88	90960	0.4982	
176 Chrysene	228	12.109	12.109	0.0	90	89202	0.5126	
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149	12.911	12.911	0.0	96	60474	0.6548	
180 Benzo[b]fluoranthene	252	13.499	13.505	-0.006	85	79931	0.4838	
181 Benzo[k]fluoranthene	252	13.542	13.542	0.0	84	82198	0.4579	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	13.986	13.986	0.0	65	74578	0.5593	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					9
186 Indeno[1,2,3-cd]pyrene	276	15.660	15.660	0.0	93	68907	0.4557	
187 Dibenz(a,h)anthracene	278	15.682	15.692	-0.010	75	53977	0.5049	
188 Benzo[g,h,i]perylene	276	16.072	16.067	0.005	85	60263	0.4064	
S 189 Methyl Phenols,Total	100				0		0.5327	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.016	3.050	-0.034	1	52	0	
T 194 Octadecane (TIC)	254	13.697	6.300	7.397	83	12912	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

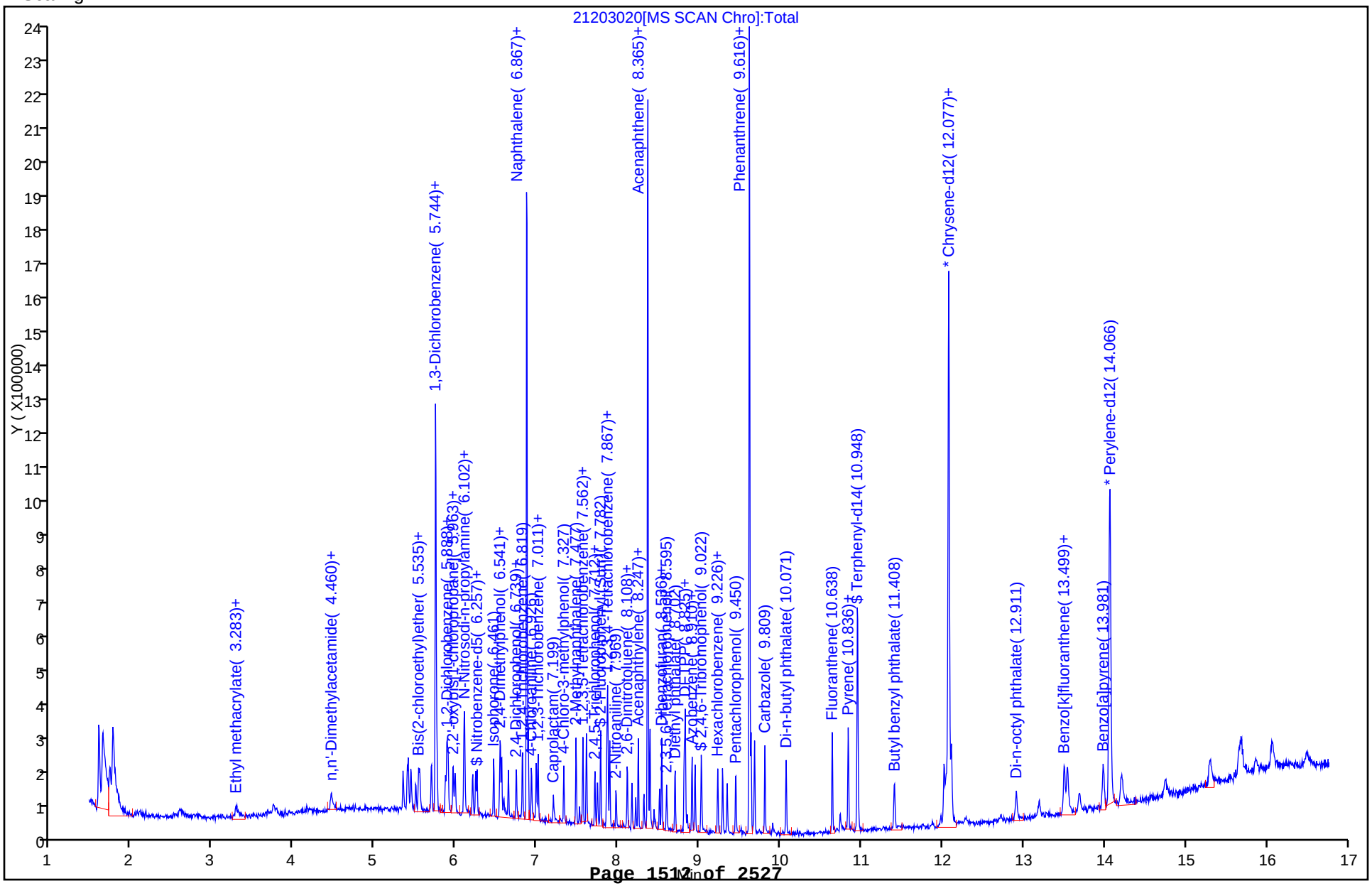
Report Date: 04-Dec-2012 13:03:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203020.D

Injection Date:	03-Dec-2012 18:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	Lims Sample ID:	20
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.: 240-17768-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/03/2012 19:09

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: 21203021.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			0.851	1.00		
N-Nitrosodimethylamine	Qua				1.19	1.00		
Pyridine	Ave	1.330			0.868	1.00		
Benzaldehyde	Ave	1.043			1.07	1.00		
Phenol	Ave	1.674			0.906	1.00		
Aniline	Ave	2.093			0.910	1.00		
Bis(2-chloroethyl)ether	Ave	1.293			0.987	1.00		
2-Chlorophenol	Ave	1.352			0.946	1.00		
1,3-Dichlorobenzene	Ave	1.457			0.927	1.00		
1,4-Dichlorobenzene	Ave	1.448			1.01	1.00		
Benzyl alcohol	Ave	0.8332			0.837	1.00		
1,2-Dichlorobenzene	Ave	1.380			0.939	1.00		
2-Methylphenol	Ave	1.220			0.968	1.00		
3 & 4 Methylphenol	Ave	1.279			0.920	1.00		
N-Nitrosodi-n-propylamine	Ave	0.9059			1.01	1.00		
Acetophenone	Ave	1.808			0.975	1.00		
Hexachloroethane	Ave	0.5884			0.958	1.00		
Nitrobenzene	Ave	0.3635			1.06	1.00		
Isophorone	Ave	0.6380			1.02	1.00		
2-Nitrophenol	Ave	0.1710			0.868	1.00		
2,4-Dimethylphenol	Ave	0.3362			0.956	1.00		
Benzoic acid	Qua				2.16	2.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.945	1.00		
2,4-Dichlorophenol	Ave	0.2657			0.928	1.00		
1,2,4-Trichlorobenzene	Ave	0.3169			0.998	1.00		
Naphthalene	Ave	0.999			0.990	1.00		
Hexachlorobutadiene	Ave	0.1716			0.934	1.00		
Caprolactam	Qua				1.28	1.00		
4-Chloro-3-methylphenol	Ave	0.2854			0.946	1.00		
2-Methylnaphthalene	Ave	0.6393			0.946	1.00		
Hexachlorocyclopentadiene	Ave	0.3241			0.528	1.00		
2,4,6-Trichlorophenol	Ave	0.3372			0.968	1.00		
2,4,5-Trichlorophenol	Ave	0.3632			0.990	1.00		
1,1'-Biphenyl	Ave	1.413			0.957	1.00		
2-Chloronaphthalene	Ave	1.105			0.962	1.00		
2-Nitroaniline	Ave	0.3242			1.03	1.00		
Dimethyl phthalate	Ave	1.175			0.984	1.00		
2,6-Dinitrotoluene	Qua				1.21	1.00		
Acenaphthylene	Ave	1.825			0.978	1.00		
3-Nitroaniline	Ave	0.2941			0.861	1.00		
Acenaphthene	Ave	1.097			0.995	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/03/2012 19:09

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: 21203021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				2.74	2.00		
4-Nitrophenol	Ave	0.1694			0.783	1.00		
2,4-Dinitrotoluene	Qua				1.24	1.00		
Dibenzofuran	Ave	1.629			0.956	1.00		
Diethyl phthalate	Ave	1.228			0.963	1.00		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.962	1.00		
4-Nitroaniline	Qua				1.05	1.00		
Fluorene	Ave	1.308			0.975	1.00		
4,6-Dinitro-2-methylphenol	Qua				1.08	1.00		
N-Nitrosodiphenylamine	Ave	0.5517			0.934	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.937	1.00		
4-Bromophenyl phenyl ether	Ave	0.2040			1.05	1.00		
Hexachlorobenzene	Ave	0.2101			0.988	1.00		
Atrazine	Ave	0.1501			0.939	1.00		
Pentachlorophenol	Qua				1.88	2.00		
Phenanthrene	Ave	1.093			0.935	1.00		
Anthracene	Ave	1.086			0.966	1.00		
Carbazole	Ave	1.055			0.951	1.00		
Di-n-butyl phthalate	Ave	1.185			0.953	1.00		
Fluoranthene	Ave	1.207			0.992	1.00		
Benzidine	Qua				0.825	1.00		
Pyrene	Ave	1.276			0.967	1.00		
Butyl benzyl phthalate	Qua				0.962	1.00		
3,3'-Dichlorobenzidine	Qua				0.936	1.00		
Bis(2-ethylhexyl) phthalate	Qua				1.05	1.00		
Benzo[a]anthracene	Ave	1.116			0.985	1.00		
Chrysene	Ave	1.064			0.967	1.00		
Di-n-octyl phthalate	Qua				1.04	1.00		
Benzo[b]fluoranthene	Ave	1.276			0.920	1.00		
Benzo[k]fluoranthene	Ave	1.387			1.02	1.00		
Benzo[a]pyrene	Qua				1.03	1.00		
Indeno[1,2,3-cd]pyrene	Qua				0.741	1.00		
Dibenz(a,h)anthracene	Qua				0.875	1.00		
Benzo[g,h,i]perylene	Ave	1.145			0.839	1.00		
2-Fluorophenol (Surr)	Ave	1.236			0.919	1.00	92	35-105
Phenol-d5 (Surr)	Ave	1.570			0.961	1.00	96	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			1.02	1.00	102*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.994	1.00	99	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			1.09	1.00	109	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.952	1.00	95	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203021.D
Lims ID: mdll3 Client ID:
Inject. Date: 03-Dec-2012 19:09:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015460-021
Misc. Info.: mdll3
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 67052 Lims Sample ID: 21
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\8270_hp7.m
Last Update: 04-Dec-2012 11:18:37 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: XAWRK009

First Level Reviewer: gruberj Date: 04-Dec-2012 11:15:27

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.744	5.744	0.0	96	210553	4.00	
* 2 Naphthalene-d8	136	6.867	6.872	-0.005	100	790008	4.00	
* 3 Acenaphthene-d10	164	8.365	8.365	0.0	93	457837	4.00	
* 4 Phenanthrene-d10	188	9.616	9.616	0.0	97	794641	4.00	
* 5 Chrysene-d12	240	12.077	12.077	0.0	94	789623	4.00	
* 6 Perylene-d12	264	14.066	14.066	0.0	95	630901	4.00	
$ 7 2-Fluorophenol	112	4.455	4.455	0.0	87	59830	0.9193	
$ 8 Phenol-d5	99	5.396	5.396	0.0	88	79378	0.9606	
$ 9 Nitrobenzene-d5	82	6.236	6.241	-0.005	89	70747	1.02	
$ 10 2-Fluorobiphenyl (Surr)	172	7.782	7.782	0.0	99	147668	0.99	
$ 11 2,4,6-Tribromophenol	330	9.028	9.028	0.0	82	20667	1.09	
$ 12 Terphenyl-d14	244	10.948	10.953	-0.005	97	139212	0.9519	
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-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					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	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					
23 Octachlorocyclopentene	1		0.000					
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
24 1,4-Dioxane	88	2.085	2.085	0.0	68	20806	0.8515	
25 N-Nitrosodimethylamine	74	2.508	2.503	0.006	85	35771	1.19	
26 Pyridine	79	2.577	2.556	0.021	95	60800	0.8683	
232 1-Methyl-2-pyrrilidinone	99	3.251	3.271	-0.020	0	1124	0	
27 Ethyl methacrylate	69	3.278	3.283	-0.005	82	50241	0.8635	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.738	3.733	0.005	84	32016	0.8246	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.145	4.134	0.011	95	43098	0.5884	
33 Acrylamide	71	4.300	4.349	-0.049	1	127	0	
34 Methyl methanesulfonate	80		4.451					9
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44		4.536					1
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
40 Benzaldehyde	77	5.343	5.343	0.0	92	58628	1.07	
37 2-Methylcyclohexanone	68	5.401	5.376	0.025	32	4241	0	
41 Phenol	94	5.407	5.407	0.0	95	79852	0.9064	
38 3-Methylcyclohexanone	69	5.396	5.414	-0.018	38	10198	0	
43 Aniline	93	5.439	5.439	0.0	87	100290	0.9102	
39 4-Methylcyclohexanone	55	5.466	5.462	0.004	1	712	0	
42 Phenylmercaptan	110		5.473					
44 Bis(2-chloroethyl)ether	93	5.498	5.498	0.0	94	67193	0.9874	
46 2-Chlorophenol	128	5.551	5.551	0.0	95	67330	0.9460	
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146	5.690	5.696	-0.006	95	71105	0.9268	
48 1,4-Dichlorobenzene	146	5.760	5.760	0.0	92	76948	1.01	
49 Benzyl alcohol	108	5.867	5.867	0.0	90	36718	0.8372	
50 1,2-Dichlorobenzene	146	5.899	5.899	0.0	89	68248	0.9393	
51 2-Methylphenol	108	5.958	5.958	0.0	97	62177	0.9682	
52 2,2'-oxybis[1-chloropropane]	45	5.984	5.984	0.0	87	99430	1.00	
53 Indene	115		6.066					
191 3 & 4 Methylphenol	108	6.091	6.091	0.0	96	61925	0.9198	
57 Acetophenone	105	6.102	6.102	0.0	89	92754	0.9747	
56 N-Nitrosodi-n-propylamine	70	6.097	6.102	-0.005	89	48167	1.01	
60 Hexachloroethane	117	6.204	6.204	0.0	90	29680	0.9582	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
61 Nitrobenzene	77	6.257	6.257	0.0	85	76253	1.06	
59 2-Toluidine	106		6.269					9
63 Isophorone	82	6.461	6.466	-0.005	99	127944	1.02	
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139	6.535	6.535	0.0	90	29309	0.8677	
66 1,3,5-Trichlorobenzene	180	6.546	6.546	0.0	96	66252	1.06	
64 2,4-Dimethylphenol	107	6.557	6.562	-0.005	90	63455	0.9555	
69 Benzoic acid	122	6.589	6.632	-0.043	79	33842	2.16	
68 Bis(2-chloroethoxy)methane	93	6.642	6.642	0.0	95	75597	0.9446	
71 2,4-Dichlorophenol	162	6.739	6.739	0.0	95	48676	0.9275	
67 o,o',o''-Triethylphosphorothioat	198		6.740					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180	6.819	6.819	0.0	92	62476	1.00	
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128	6.888	6.888	0.0	95	195394	0.9898	
74 4-Chloroaniline	127	6.926	6.926	0.0	81	79107	0.9401	
77 Hexachlorobutadiene	225	6.990	6.990	0.0	88	31666	0.9341	
78 1,2,3-Trichlorobenzene	180	7.011	7.011	0.0	87	58166	0	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					
79 Benzothiazole	135		7.195					
83 Caprolactam	113	7.199	7.215	-0.016	73	19138	1.28	
80 Quinoline	129		7.259					
84 4-Chloro-3-methylphenol	107	7.327	7.327	0.0	91	53314	0.9458	
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					9
85 2-Methylnaphthalene	142	7.477	7.477	0.0	90	119424	0.9458	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.562	7.562	0.0	94	120314	1.00	
87 1,2,3,5-Tetrachlorobenzene	216	7.605	7.605	0.0	91	60601	0.9739	
88 Hexachlorocyclopentadiene	237	7.610	7.610	0.0	67	19595	0.5282	
90 2,4,6-Trichlorophenol	196	7.712	7.712	0.0	88	37363	0.9682	
91 2,4,5-Trichlorophenol	196	7.744	7.744	0.0	89	41164	0.99	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
94 2,4-Toluene diamine	121	7.857	7.857	0.001	92	38196	0.9497	
96 1,2,3,4 -Tetrachlorobenzene	216	7.862	7.862	0.0	92	58595	0	
95 1,1'-Biphenyl	154	7.867	7.873	-0.006	95	154788	0.9572	
98 2-Chloronaphthalene	162	7.894	7.894	0.0	91	121590	0.9617	
227 Isosafrole Peak 2	162		7.960					
100 2-Nitroaniline	65	7.969	7.969	0.0	76	38365	1.03	
97 3,4-Dichloronitrobenzene	109		7.986					9
99 Phenyl ether	170		8.040					
103 Dimethyl phthalate	163	8.113	8.113	0.0	97	132276	0.9837	
101 1,4-Naphthoquinone	158		8.168					
105 2,6-Dinitrotoluene	165	8.167	8.172	-0.005	84	26108	1.21	
102 1,4-Dinitrobenzene	168		8.211					
106 1,2-Dinitrobenzene	168	8.215	8.220	-0.005	85	14363	0.9627	
107 Acenaphthylene	152	8.247	8.247	0.0	89	204290	0.9782	
104 1,3-Dinitrobenzene	168		8.275					
108 3-Nitroaniline	138	8.317	8.316	0.0	93	28980	0.8610	
110 Acenaphthene	153	8.391	8.391	0.0	93	124970	1.00	
109 2,4-Dinitrophenol	184	8.402	8.402	0.0	55	10917	2.74	
111 4-Nitrophenol	109	8.440	8.440	0.0	92	15173	0.7826	
112 2,4-Dinitrotoluene	165	8.509	8.509	0.0	85	38154	1.24	
114 Dibenzofuran	168	8.536	8.536	0.0	85	178257	0.9563	
115 2,3,5,6-Tetrachlorophenol	232	8.595	8.595	0.0	89	31235	0.9114	
113 Pentachlorobenzene	250		8.633					
119 Diethyl phthalate	149	8.702	8.702	0.0	94	135327	0.9627	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
121 4-Chlorophenyl phenyl ether	204	8.814	8.814	0.0	91	68124	0.9620	
124 Fluorene	166	8.825	8.825	0.0	81	145906	0.9748	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.825	8.830	-0.005	75	29432	1.05	
126 4,6-Dinitro-2-methylphenol	198	8.851	8.851	0.0	54	11344	1.08	
120 Thionazin	97		8.901					9
130 N-Nitrosodiphenylamine	169	8.910	8.910	0.0	0	102334	0.9338	
131 Azobenzene	77	8.948	8.948	0.0	99	144863	0.9367	
129 1,2-Diphenylhydrazine	77	8.948	8.948	0.0	0	144863	0.9367	
122 N-Nitro-o-toluidine	152		8.954					
125 Tributyl phosphate	99		8.992					9
128 Diphenylamine	169		9.040					9
132 Sulfotepp	202		9.152					
137 4-Bromophenyl phenyl ether	248	9.226	9.226	0.0	64	42591	1.05	
133 1,3,5-Trinitrobenzene	213		9.238					9
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					9
139 Hexachlorobenzene	284	9.290	9.290	0.0	88	41216	0.9875	
140 Atrazine	200	9.343	9.343	0.0	89	28020	0.9395	
230 Diallate Peak 2	86		9.356					
138 Dimethoate	87		9.430					9
141 Pentachlorophenol	266	9.450	9.450	0.0	87	42438	1.88	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
146 Phenanthrene	178	9.638	9.638	0.0	93	202909	0.9347	
147 Anthracene	178	9.680	9.680	0.0	98	208366	0.9660	
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					
149 Carbazole	167	9.809	9.809	0.0	81	199281	0.9511	
148 DFTPP								
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.071	10.071	0.0	100	224210	0.9528	
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
157 Fluoranthene	202	10.638	10.638	0.0	97	237748	0.99	
156 Isodrin	66		10.655					9
158 Benzidine	184	10.739	10.734	0.005	90	56821	0.8250	
160 Pyrene	202	10.836	10.836	0.0	97	243532	0.9665	
164 4,4'-DDE	246		10.900					9
226 Aramite Peak 1	185		11.056					12
229 Aramite Peak 2	185		11.126					
163 4,4'-DDD	235		11.210					9
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
166 Butyl benzyl phthalate	149	11.408	11.408	0.0	93	85135	0.9621	
168 4,4'-DDT	235		11.520					
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	11.980	11.986	-0.006	76	14150	0.9731	
173 3,3'-Dichlorobenzidine	252	12.018	12.018	0.0	66	65623	0.9362	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.018	12.018	0.0	63	28770	0.8567	
171 Bis(2-ethylhexyl) phthalate	149	12.045	12.044	0.0	95	125235	1.05	
175 Benzo[a]anthracene	228	12.066	12.066	0.0	94	217090	0.9852	
176 Chrysene	228	12.109	12.109	0.0	90	203054	0.9668	
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149	12.911	12.911	0.0	96	160225	1.04	
180 Benzo[b]fluoranthene	252	13.505	13.505	0.0	93	185166	0.9200	
181 Benzo[k]fluoranthene	252	13.537	13.542	-0.005	96	222372	1.02	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	13.981	13.986	-0.005	72	187406	1.03	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					
186 Indeno[1,2,3-cd]pyrene	276	15.660	15.660	0.0	92	147912	0.7407	
187 Dibenz(a,h)anthracene	278	15.687	15.692	-0.005	58	138303	0.8754	
188 Benzo[g,h,i]perylene	276	16.067	16.067	0.0	92	151537	0.8390	
S 189 Methyl Phenols,Total	100				0		0.9682	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.069	3.050	0.019	1	80	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
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

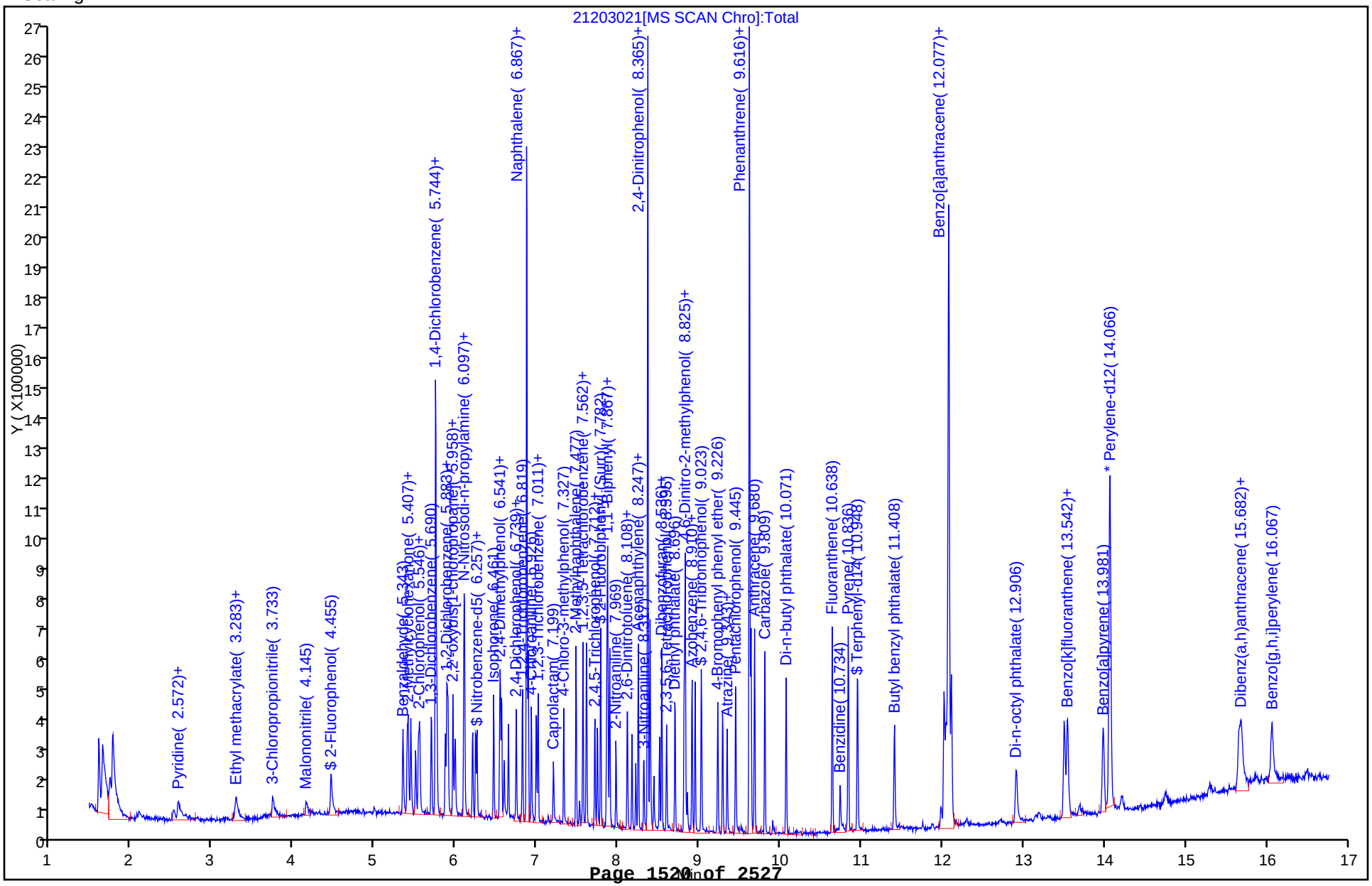
Report Date: 04-Dec-2012 13:04:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203021.D

Injection Date:	03-Dec-2012 19:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	Lims Sample ID:	21
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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-67225/2 Calibration Date: 12/04/2012 09:21

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: 21204002.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	0.4329		9.33	10.0	-6.7	
N-Nitrosodimethylamine	Qua		0.6808		8.57	10.0	-14.3	
Pyridine	Ave	1.330	1.270		9.55	10.0	-4.5	
Benzaldehyde	Ave	1.043	0.9648		9.25	10.0	-7.5	
Phenol	Ave	1.674	1.590		9.50	10.0	-5.0	
Aniline	Ave	2.093	1.925		9.20	10.0	-8.0	
Bis(2-chloroethyl)ether	Ave	1.293	1.218		9.42	10.0	-5.8	
2-Chlorophenol	Ave	1.352	1.287		9.52	10.0	-4.8	
1,3-Dichlorobenzene	Ave	1.457	1.353		9.29	10.0	-7.1	
1,4-Dichlorobenzene	Ave	1.448	1.366		9.43	10.0	-5.7	
Benzyl alcohol	Ave	0.8332	0.7983		9.58	10.0	-4.2	
1,2-Dichlorobenzene	Ave	1.380	1.307		9.47	10.0	-5.3	
2-Methylphenol	Ave	1.220	1.132		9.28	10.0	-7.2	
3 & 4 Methylphenol	Ave	1.279	1.197		9.36	10.0	-6.4	
N-Nitrosodi-n-propylamine	Ave	0.9059	0.8643		9.54	10.0	-4.6	
Acetophenone	Ave	1.808	1.681		9.30	10.0	-7.0	
Hexachloroethane	Ave	0.5884	0.5492		9.33	10.0	-6.7	
Nitrobenzene	Ave	0.3635	0.3719		10.2	10.0	2.3	
Isophorone	Ave	0.6380	0.6343		9.94	10.0	-0.6	
2-Nitrophenol	Ave	0.1710	0.1743		10.2	10.0	1.9	
2,4-Dimethylphenol	Ave	0.3362	0.3274		9.74	10.0	-2.6	
Benzoic acid	Qua		0.1927		17.5	20.0	-12.4	
Bis(2-chloroethoxy)methane	Ave	0.4052	0.3819		9.42	10.0	-5.8	
2,4-Dichlorophenol	Ave	0.2657	0.2615		9.84	10.0	-1.6	
1,2,4-Trichlorobenzene	Ave	0.3169	0.3086		9.74	10.0	-2.6	
Naphthalene	Ave	0.999	0.9637		9.64	10.0	-3.6	
Hexachlorobutadiene	Ave	0.1716	0.1688		9.83	10.0	-1.7	
Caprolactam	Qua		0.0950		9.38	10.0	-6.2	
4-Chloro-3-methylphenol	Ave	0.2854	0.2795		9.79	10.0	-2.1	
2-Methylnaphthalene	Ave	0.6393	0.5976		9.35	10.0	-6.5	
Hexachlorocyclopentadiene	Ave	0.3241	0.3115		9.61	10.0	-3.9	
2,4,6-Trichlorophenol	Ave	0.3372	0.3384		10.0	10.0	0.4	
2,4,5-Trichlorophenol	Ave	0.3632	0.3497		9.63	10.0	-3.7	
1,1'-Biphenyl	Ave	1.413	1.314		9.30	10.0	-7.0	
2-Chloronaphthalene	Ave	1.105	1.043		9.44	10.0	-5.6	
2-Nitroaniline	Ave	0.3242	0.3336		10.3	10.0	2.9	
Dimethyl phthalate	Ave	1.175	1.129		9.61	10.0	-3.9	
2,6-Dinitrotoluene	Qua		0.2479		9.22	10.0	-7.8	
Acenaphthylene	Ave	1.825	1.730		9.48	10.0	-5.2	
3-Nitroaniline	Ave	0.2941	0.2959		10.1	10.0	0.6	
Acenaphthene	Ave	1.097	1.033		9.41	10.0	-5.9	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-67225/2 Calibration Date: 12/04/2012 09:21

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: 21204002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua		0.1656		18.1	20.0	-9.5	
4-Nitrophenol	Ave	0.1694	0.1763		10.4	10.0	4.1	
2,4-Dinitrotoluene	Qua		0.3502		9.64	10.0	-3.6	
Dibenzofuran	Ave	1.629	1.492		9.16	10.0	-8.4	
Diethyl phthalate	Ave	1.228	1.186		9.66	10.0	-3.4	
4-Chlorophenyl phenyl ether	Ave	0.6187	0.5896		9.53	10.0	-4.7	
Fluorene	Ave	1.308	1.229		9.40	10.0	-6.0	
4-Nitroaniline	Qua		0.2959		9.20	10.0	-8.0	
4,6-Dinitro-2-methylphenol	Qua		0.1169		8.95	10.0	-10.5	
N-Nitrosodiphenylamine	Ave	0.5517	0.4990		9.05	10.0	-9.5	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785	0.7165		9.20	10.0	-8.0	
4-Bromophenyl phenyl ether	Ave	0.2040	0.1930		9.46	10.0	-5.4	
Hexachlorobenzene	Ave	0.2101	0.1945		9.26	10.0	-7.4	
Atrazine	Ave	0.1501	0.1450		9.66	10.0	-3.4	
Pentachlorophenol	Qua		0.1336		18.8	20.0	-6.1	
Phenanthrene	Ave	1.093	0.9599		8.78	10.0	-12.2	
Anthracene	Ave	1.086	1.004		9.25	10.0	-7.5	
Carbazole	Ave	1.055	0.9613		9.11	10.0	-8.9	
Di-n-butyl phthalate	Ave	1.185	1.118		9.44	10.0	-5.6	
Fluoranthene	Ave	1.207	1.122		9.30	10.0	-7.0	
Benzidine	Qua		0.4794		7.20	10.0	-28.0	
Pyrene	Ave	1.276	1.175		9.21	10.0	-7.9	
Butyl benzyl phthalate	Qua		0.4626		8.84	10.0	-11.6	
3,3'-Dichlorobenzidine	Qua		0.3993		8.99	10.0	-10.1	
Bis(2-ethylhexyl) phthalate	Qua		0.6710		9.04	10.0	-9.6	
Benzo[a]anthracene	Ave	1.116	1.030		9.23	10.0	-7.7	
Chrysene	Ave	1.064	0.9700		9.12	10.0	-8.8	
Di-n-octyl phthalate	Qua		1.209		8.42	10.0	-15.8	
Benzo[b]fluoranthene	Ave	1.276	1.201		9.41	10.0	-5.9	
Benzo[k]fluoranthene	Ave	1.387	1.301		9.38	10.0	-6.2	
Benzo[a]pyrene	Qua		1.189		9.03	10.0	-9.7	
Indeno[1,2,3-cd]pyrene	Qua		1.294		8.96	10.0	-10.4	
Dibenz(a,h)anthracene	Qua		1.095		8.88	10.0	-11.2	
Benzo[g,h,i]perylene	Ave	1.145	1.130		9.87	10.0	-1.3	
2-Fluorophenol (Surr)	Ave	1.236	1.178		9.53	10.0	-4.7	
Phenol-d5 (Surr)	Ave	1.570	1.498		9.54	10.0	-4.6	
Nitrobenzene-d5 (Surr)	Ave	0.3517	0.3603		10.2	10.0	2.4	
2-Fluorobiphenyl (Surr)	Ave	1.298	1.226		9.45	10.0	-5.5	
2,4,6-Tribromophenol (Surr)	Ave	0.1655	0.1719		10.4	10.0	3.9	
Terphenyl-d14 (Surr)	Ave	0.7408	0.6725		9.08	10.0	-9.2	

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204002.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	04-Dec-2012 09:21:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0015502-002		
Misc. Info.:	ccv tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	67225	Lims Sample ID:	2
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121204-15502.b\8270_hp7.m		
Last Update:	05-Dec-2012 08:15:37	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:	XAWRK005		
First Level Reviewer: hulat		Date:	05-Dec-2012 08:15:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.769	5.769	0.0	96	182784	4.00	
* 2 Naphthalene-d8	136	6.892	6.892	0.0	100	687548	4.00	
* 3 Acenaphthene-d10	164	8.390	8.390	0.0	90	401283	4.00	
* 4 Phenanthrene-d10	188	9.647	9.647	0.0	98	719945	4.00	
* 5 Chrysene-d12	240	12.118	12.118	0.0	91	734647	4.00	
* 6 Perylene-d12	264	14.118	14.118	0.0	93	625293	4.00	
$ 7 2-Fluorophenol	112	4.486	4.486	0.0	92	538250	9.53	
$ 8 Phenol-d5	99	5.422	5.422	0.0	96	684336	9.54	
$ 9 Nitrobenzene-d5	82	6.267	6.267	0.0	89	619227	10.2	
$ 10 2-Fluorobiphenyl (Surr)	172	7.807	7.807	0.0	99	1230199	9.45	
$ 11 2,4,6-Tribromophenol	330	9.053	9.053	0.0	90	172476	10.4	
$ 12 Terphenyl-d14	244	10.979	10.979	0.0	99	1235171	9.08	
24 1,4-Dioxane	88	2.116	2.116	0.0	96	197827	9.33	
25 N-Nitrosodimethylamine	74	2.544	2.544	0.0	87	311113	8.57	
26 Pyridine	79	2.592	2.592	0.0	93	580474	9.55	
27 Ethyl methacrylate	69	3.325	3.325	0.0	91	403801	7.99	
28 3-Chloropropionitrile	54	3.769	3.769	0.0	88	344866	10.2	
32 Malononitrile	66	4.165	4.165	0.0	99	651732	10.2	
40 Benzaldehyde	77	5.368	5.368	0.0	95	440853	9.25	
41 Phenol	94	5.432	5.432	0.0	99	726461	9.50	
43 Aniline	93	5.464	5.464	0.0	96	879860	9.20	
44 Bis(2-chloroethyl)ether	93	5.523	5.523	0.0	95	556643	9.42	
46 2-Chlorophenol	128	5.577	5.577	0.0	97	588215	9.52	
47 1,3-Dichlorobenzene	146	5.721	5.721	0.0	96	618405	9.29	
48 1,4-Dichlorobenzene	146	5.785	5.785	0.0	91	624147	9.43	
49 Benzyl alcohol	108	5.887	5.887	0.0	89	364809	9.58	
50 1,2-Dichlorobenzene	146	5.924	5.924	0.0	93	597047	9.47	
51 2-Methylphenol	108	5.983	5.983	0.0	96	517072	9.28	
52 2,2'-oxybis[1-chloropropane]	45	6.010	6.010	0.0	92	836378	9.65	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.117	6.117	0.0	97	546839	9.36	
56 N-Nitrosodi-n-propylamine	70	6.122	6.122	0.0	91	394934	9.54	
57 Acetophenone	105	6.128	6.128	0.0	93	768167	9.30	
60 Hexachloroethane	117	6.229	6.229	0.0	93	250965	9.33	
61 Nitrobenzene	77	6.283	6.283	0.0	84	639232	10.2	
63 Isophorone	82	6.486	6.486	0.0	99	1090214	9.94	
65 2-Nitrophenol	139	6.561	6.561	0.0	97	299662	10.2	
66 1,3,5-Trichlorobenzene	180	6.572	6.572	0.0	95	542982	9.96	
64 2,4-Dimethylphenol	107	6.582	6.582	0.0	93	562834	9.74	
69 Benzoic acid	122	6.652	6.652	0.0	88	662541	17.5	
68 Bis(2-chloroethoxy)methane	93	6.668	6.668	0.0	91	656379	9.42	
71 2,4-Dichlorophenol	162	6.764	6.764	0.0	96	449428	9.84	
72 1,2,4-Trichlorobenzene	180	6.844	6.844	0.0	90	530385	9.74	
73 Naphthalene	128	6.914	6.914	0.0	97	1656381	9.64	
74 4-Chloroaniline	127	6.951	6.951	0.0	86	690289	9.43	
77 Hexachlorobutadiene	225	7.015	7.015	0.0	91	290102	9.83	
78 1,2,3-Trichlorobenzene	180	7.037	7.037	0.0	91	499417	0	
83 Caprolactam	113	7.240	7.240	0.0	75	163329	9.38	
84 4-Chloro-3-methylphenol	107	7.352	7.352	0.0	97	480434	9.79	
85 2-Methylnaphthalene	142	7.508	7.508	0.0	90	1027161	9.35	
86 1-Methylnaphthalene	142	7.593	7.593	0.0	90	1001446	9.58	
87 1,2,3,5-Tetrachlorobenzene	216	7.636	7.636	0.0	96	512257	9.39	
88 Hexachlorocyclopentadiene	237	7.636	7.636	0.0	83	312489	9.61	
90 2,4,6-Trichlorophenol	196	7.738	7.738	0.0	91	339495	10.0	
91 2,4,5-Trichlorophenol	196	7.770	7.770	0.0	94	350850	9.63	
94 2,4-Toluene diamine	121	7.882	7.882	0.0	97	308397	8.81	
96 1,2,3,4 -Tetrachlorobenzene	216	7.887	7.887	0.0	93	500922	0	
95 1,1'-Biphenyl	154	7.898	7.898	0.0	94	1317815	9.30	
98 2-Chloronaphthalene	162	7.919	7.919	0.0	96	1045949	9.44	
100 2-Nitroaniline	65	8.000	8.000	0.0	85	334653	10.3	
103 Dimethyl phthalate	163	8.139	8.139	0.0	98	1133112	9.61	
105 2,6-Dinitrotoluene	165	8.198	8.198	0.0	93	248649	9.22	
106 1,2-Dinitrobenzene	168	8.246	8.246	0.0	91	137873	10.5	
107 Acenaphthylene	152	8.272	8.272	0.0	90	1735299	9.48	
108 3-Nitroaniline	138	8.342	8.342	0.0	92	296825	10.1	
110 Acenaphthene	153	8.417	8.417	0.0	95	1036362	9.41	
109 2,4-Dinitrophenol	184	8.427	8.427	0.0	84	332189	18.1	
111 4-Nitrophenol	109	8.465	8.465	0.0	94	176816	10.4	
112 2,4-Dinitrotoluene	165	8.534	8.534	0.0	86	351296	9.64	
114 Dibenzofuran	168	8.561	8.561	0.0	87	1497192	9.16	
115 2,3,5,6-Tetrachlorophenol	232	8.620	8.620	0.0	93	311405	10.4	
119 Diethyl phthalate	149	8.727	8.727	0.0	97	1189682	9.66	
121 4-Chlorophenyl phenyl ether	204	8.839	8.839	0.0	92	591513	9.53	
124 Fluorene	166	8.850	8.850	0.0	84	1232958	9.40	
123 4-Nitroaniline	138	8.855	8.855	0.0	85	296845	9.20	
126 4,6-Dinitro-2-methylphenol	198	8.877	8.877	0.0	77	210456	8.95	
130 N-Nitrosodiphenylamine	169	8.936	8.936	0.0	0	898110	9.05	
131 Azobenzene	77	8.973	8.973	0.0	99	1290707	9.21	
129 1,2-Diphenylhydrazine	77	8.973	8.973	0.0	0	1289517	9.20	
137 4-Bromophenyl phenyl ether	248	9.257	9.257	0.0	62	347308	9.46	
139 Hexachlorobenzene	284	9.315	9.315	0.0	90	350118	9.26	
140 Atrazine	200	9.369	9.369	0.0	89	260984	9.66	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.476	9.476	0.0	87	481077	18.8	
146 Phenanthrene	178	9.663	9.663	0.0	97	1727692	8.78	
147 Anthracene	178	9.711	9.711	0.0	97	1806940	9.25	
149 Carbazole	167	9.834	9.834	0.0	82	1730259	9.11	
151 Di-n-butyl phthalate	149	10.096	10.096	0.0	100	2013113	9.44	
157 Fluoranthene	202	10.669	10.669	0.0	97	2019593	9.30	
158 Benzidine	184	10.765	10.765	0.0	99	880547	7.20	
160 Pyrene	202	10.866	10.866	0.0	98	2158127	9.21	
166 Butyl benzyl phthalate	149	11.439	11.439	0.0	97	849524	8.84	
170 3,3'-Dimethoxybenzidine	244	12.022	12.022	0.0	92	272033	5.81	
172 4,4'-Methylene bis(2-chloroanili	231	12.059	12.059	0.0	69	317304	8.55	
173 3,3'-Dichlorobenzidine	252	12.059	12.059	0.0	68	733400	8.99	
171 Bis(2-ethylhexyl) phthalate	149	12.081	12.081	0.0	95	1232422	9.04	
175 Benzo[a]anthracene	228	12.107	12.107	0.0	95	1891704	9.23	
176 Chrysene	228	12.150	12.150	0.0	94	1781451	9.12	
178 Di-n-octyl phthalate	149	12.952	12.952	0.0	99	1889270	8.42	
180 Benzo[b]fluoranthene	252	13.551	13.551	0.0	96	1877744	9.41	
181 Benzo[k]fluoranthene	252	13.594	13.594	0.0	99	2033384	9.38	
182 Benzo[a]pyrene	252	14.038	14.038	0.0	76	1858520	9.03	
186 Indeno[1,2,3-cd]pyrene	276	15.723	15.723	0.0	97	2023403	8.96	
187 Dibenz(a,h)anthracene	278	15.750	15.750	0.0	68	1711548	8.88	
188 Benzo[g,h,i]perylene	276	16.135	16.135	0.0	95	1766099	9.87	
S 189 Methyl Phenols,Total	100				0		9.28	

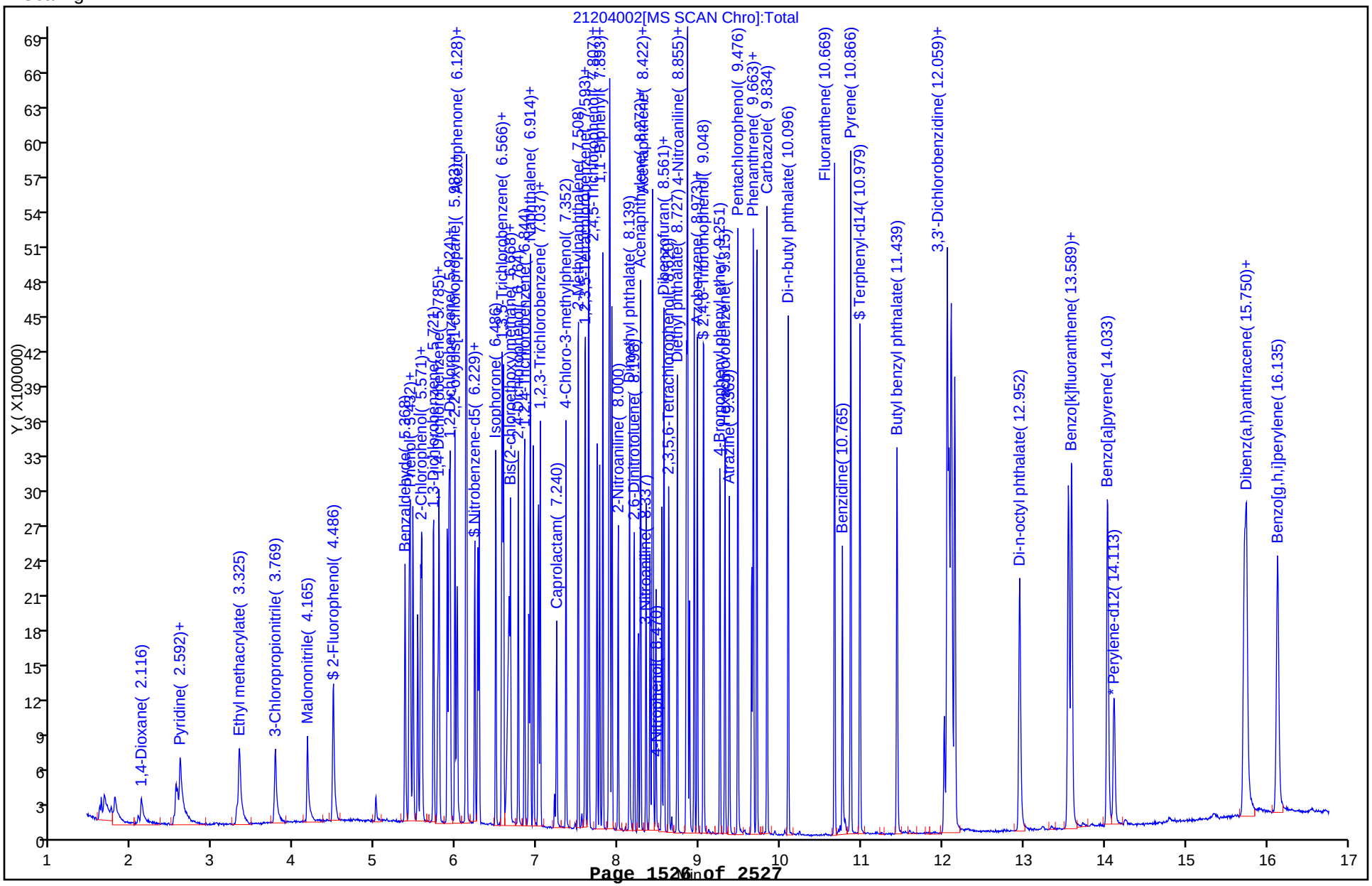
Report Date: 05-Dec-2012 08:15:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204002.D

Injection Date:	04-Dec-2012 09:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67225	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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-67390/2 Calibration Date: 12/05/2012 09:33

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: 21205002.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	0.4972		10.7	10.0	7.1	
N-Nitrosodimethylamine	Qua		0.7265		9.12	10.0	-8.8	
Pyridine	Ave	1.330	1.339		10.1	10.0	0.6	
Benzaldehyde	Ave	1.043	0.9486		9.10	10.0	-9.0	
Phenol	Ave	1.674	1.593		9.52	10.0	-4.8	
Aniline	Ave	2.093	1.953		9.33	10.0	-6.7	
Bis(2-chloroethyl)ether	Ave	1.293	1.174		9.08	10.0	-9.2	
2-Chlorophenol	Ave	1.352	1.270		9.39	10.0	-6.1	
1,3-Dichlorobenzene	Ave	1.457	1.329		9.12	10.0	-8.8	
1,4-Dichlorobenzene	Ave	1.448	1.352		9.34	10.0	-6.6	
Benzyl alcohol	Ave	0.8332	0.7845		9.42	10.0	-5.8	
1,2-Dichlorobenzene	Ave	1.380	1.278		9.26	10.0	-7.4	
2-Methylphenol	Ave	1.220	1.126		9.23	10.0	-7.7	
3 & 4 Methylphenol	Ave	1.279	1.208		9.44	10.0	-5.6	
Acetophenone	Ave	1.808	1.649		9.12	10.0	-8.8	
N-Nitrosodi-n-propylamine	Ave	0.9059	0.8368		9.24	10.0	-7.6	
Hexachloroethane	Ave	0.5884	0.5457		9.27	10.0	-7.3	
Nitrobenzene	Ave	0.3635	0.3598		9.90	10.0	-1.0	
Isophorone	Ave	0.6380	0.6115		9.58	10.0	-4.2	
2-Nitrophenol	Ave	0.1710	0.1675		9.79	10.0	-2.1	
2,4-Dimethylphenol	Ave	0.3362	0.3296		9.80	10.0	-2.0	
Benzoic acid	Qua		0.1946		17.7	20.0	-11.7	
Bis(2-chloroethoxy)methane	Ave	0.4052	0.3802		9.38	10.0	-6.2	
2,4-Dichlorophenol	Ave	0.2657	0.2545		9.58	10.0	-4.2	
1,2,4-Trichlorobenzene	Ave	0.3169	0.2977		9.39	10.0	-6.1	
Naphthalene	Ave	0.999	0.9405		9.41	10.0	-5.9	
Hexachlorobutadiene	Ave	0.1716	0.1595		9.29	10.0	-7.1	
Caprolactam	Qua		0.0948		9.36	10.0	-6.4	
4-Chloro-3-methylphenol	Ave	0.2854	0.2806		9.83	10.0	-1.7	
2-Methylnaphthalene	Ave	0.6393	0.5961		9.32	10.0	-6.8	
Hexachlorocyclopentadiene	Ave	0.3241	0.2945		9.09	10.0	-9.1	
2,4,6-Trichlorophenol	Ave	0.3372	0.3403		10.1	10.0	0.9	
2,4,5-Trichlorophenol	Ave	0.3632	0.3570		9.83	10.0	-1.7	
1,1'-Biphenyl	Ave	1.413	1.309		9.27	10.0	-7.3	
2-Chloronaphthalene	Ave	1.105	1.033		9.36	10.0	-6.4	
2-Nitroaniline	Ave	0.3242	0.3289		10.1	10.0	1.4	
Dimethyl phthalate	Ave	1.175	1.112		9.46	10.0	-5.4	
2,6-Dinitrotoluene	Qua		0.2517		9.36	10.0	-6.4	
Acenaphthylene	Ave	1.825	1.718		9.42	10.0	-5.8	
3-Nitroaniline	Ave	0.2941	0.3015		10.3	10.0	2.5	
Acenaphthene	Ave	1.097	1.041		9.49	10.0	-5.1	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-67390/2 Calibration Date: 12/05/2012 09:33

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: 21205002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua		0.1663		18.2	20.0	-9.2	
4-Nitrophenol	Ave	0.1694	0.1671		9.86	10.0	-1.4	
2,4-Dinitrotoluene	Qua		0.3385		9.34	10.0	-6.6	
Dibenzofuran	Ave	1.629	1.517		9.31	10.0	-6.9	
Diethyl phthalate	Ave	1.228	1.156		9.41	10.0	-5.9	
4-Chlorophenyl phenyl ether	Ave	0.6187	0.5902		9.54	10.0	-4.6	
Fluorene	Ave	1.308	1.237		9.46	10.0	-5.4	
4-Nitroaniline	Qua		0.3085		9.58	10.0	-4.2	
4,6-Dinitro-2-methylphenol	Qua		0.1208		9.21	10.0	-7.9	
N-Nitrosodiphenylamine	Ave	0.5517	0.5005		9.07	10.0	-9.3	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785	0.7062		9.07	10.0	-9.3	
4-Bromophenyl phenyl ether	Ave	0.2040	0.1880		9.21	10.0	-7.9	
Hexachlorobenzene	Ave	0.2101	0.1996		9.50	10.0	-5.0	
Atrazine	Ave	0.1501	0.1459		9.72	10.0	-2.8	
Pentachlorophenol	Qua		0.1216		17.2	20.0	-14.2	
Phenanthrene	Ave	1.093	0.9593		8.78	10.0	-12.2	
Anthracene	Ave	1.086	1.017		9.37	10.0	-6.3	
Carbazole	Ave	1.055	0.9531		9.04	10.0	-9.6	
Di-n-butyl phthalate	Ave	1.185	1.097		9.26	10.0	-7.4	
Fluoranthene	Ave	1.207	1.109		9.19	10.0	-8.1	
Benzidine	Qua		0.6146		9.02	10.0	-9.8	
Pyrene	Ave	1.276	1.190		9.33	10.0	-6.7	
Butyl benzyl phthalate	Qua		0.4783		9.12	10.0	-8.8	
3,3'-Dichlorobenzidine	Qua		0.4026		9.06	10.0	-9.4	
Bis(2-ethylhexyl) phthalate	Qua		0.6678		9.00	10.0	-10.0	
Benzo[a]anthracene	Ave	1.116	1.030		9.23	10.0	-7.7	
Chrysene	Ave	1.064	0.9642		9.06	10.0	-9.4	
Di-n-octyl phthalate	Qua		1.267		8.80	10.0	-12.0	
Benzo[b]fluoranthene	Ave	1.276	1.208		9.47	10.0	-5.3	
Benzo[k]fluoranthene	Ave	1.387	1.263		9.11	10.0	-8.9	
Benzo[a]pyrene	Qua		1.178		8.95	10.0	-10.5	
Indeno[1,2,3-cd]pyrene	Qua		1.286		8.90	10.0	-11.0	
Dibenz(a,h)anthracene	Qua		1.067		8.66	10.0	-13.4	
Benzo[g,h,i]perylene	Ave	1.145	1.104		9.64	10.0	-3.6	
2-Fluorophenol (Surr)	Ave	1.236	1.175		9.50	10.0	-5.0	
Phenol-d5 (Surr)	Ave	1.570	1.498		9.54	10.0	-4.6	
Nitrobenzene-d5 (Surr)	Ave	0.3517	0.3425		9.74	10.0	-2.6	
2-Fluorobiphenyl (Surr)	Ave	1.298	1.216		9.37	10.0	-6.3	
2,4,6-Tribromophenol (Surr)	Ave	0.1655	0.1760		10.6	10.0	6.3	
Terphenyl-d14 (Surr)	Ave	0.7408	0.6829		9.22	10.0	-7.8	

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205002.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	05-Dec-2012 09:33:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0015541-002		
Misc. Info.:	ccv tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	67390	Lims Sample ID:	2
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m		
Last Update:	06-Dec-2012 08:50:09	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:	XAWRK028		
First Level Reviewer: gruberj		Date:	05-Dec-2012 10:00:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.730	5.730	0.0	96	184850	4.00	
* 2 Naphthalene-d8	136	6.859	6.859	0.0	99	690703	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	92	389088	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	98	693081	4.00	
* 5 Chrysene-d12	240	12.057	12.057	0.0	97	681845	4.00	
* 6 Perylene-d12	264	14.036	14.036	0.0	95	587908	4.00	
$ 7 2-Fluorophenol	112	4.430	4.430	0.0	93	542987	9.50	
$ 8 Phenol-d5	99	5.382	5.382	0.0	89	692065	9.54	
$ 9 Nitrobenzene-d5	82	6.227	6.227	0.0	88	591332	9.74	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	99	1182492	9.37	
$ 11 2,4,6-Tribromophenol	330	9.014	9.014	0.0	89	171157	10.6	
$ 12 Terphenyl-d14	244	10.934	10.934	0.0	99	1164006	9.22	
24 1,4-Dioxane	88	2.023	2.023	0.0	96	229788	10.7	
25 N-Nitrosodimethylamine	74	2.462	2.462	0.0	89	335716	9.12	
26 Pyridine	79	2.494	2.494	0.0	93	618637	10.1	
27 Ethyl methacrylate	69	3.248	3.248	0.0	91	472646	9.25	M
28 3-Chloropropionitrile	54	3.703	3.703	0.0	90	344304	10.1	
32 Malononitrile	66	4.115	4.115	0.0	98	631498	9.82	
40 Benzaldehyde	77	5.324	5.324	0.0	95	438383	9.10	
41 Phenol	94	5.393	5.393	0.0	99	736194	9.52	
43 Aniline	93	5.425	5.425	0.0	88	902302	9.33	
44 Bis(2-chloroethyl)ether	93	5.484	5.484	0.0	94	542632	9.08	
46 2-Chlorophenol	128	5.532	5.532	0.0	98	586898	9.39	
47 1,3-Dichlorobenzene	146	5.677	5.677	0.0	96	614316	9.12	
48 1,4-Dichlorobenzene	146	5.746	5.746	0.0	93	624576	9.34	
49 Benzyl alcohol	108	5.853	5.853	0.0	91	362555	9.42	
50 1,2-Dichlorobenzene	146	5.885	5.885	0.0	90	590578	9.26	
51 2-Methylphenol	108	5.944	5.944	0.0	97	520271	9.23	
52 2,2'-oxybis[1-chloropropane]	45	5.976	5.976	0.0	91	813111	9.27	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.078	6.078	0.0	96	558184	9.44	
57 Acetophenone	105	6.088	6.088	0.0	92	762187	9.12	
56 N-Nitrosodi-n-propylamine	70	6.088	6.088	0.0	90	386699	9.24	
60 Hexachloroethane	117	6.190	6.190	0.0	93	252172	9.27	
61 Nitrobenzene	77	6.243	6.243	0.0	88	621332	9.90	
63 Isophorone	82	6.452	6.452	0.0	97	1055962	9.58	
65 2-Nitrophenol	139	6.522	6.522	0.0	96	289149	9.79	
66 1,3,5-Trichlorobenzene	180	6.532	6.532	0.0	96	524844	9.58	
64 2,4-Dimethylphenol	107	6.548	6.548	0.0	92	569078	9.80	
69 Benzoic acid	122	6.618	6.618	0.0	86	672021	17.7	
68 Bis(2-chloroethoxy)methane	93	6.634	6.634	0.0	92	656578	9.38	
71 2,4-Dichlorophenol	162	6.730	6.730	0.0	95	439487	9.58	
72 1,2,4-Trichlorobenzene	180	6.805	6.805	0.0	90	514019	9.39	
73 Naphthalene	128	6.875	6.875	0.0	97	1623947	9.41	
74 4-Chloroaniline	127	6.912	6.912	0.0	84	692793	9.42	
77 Hexachlorobutadiene	225	6.976	6.976	0.0	92	275490	9.29	
78 1,2,3-Trichlorobenzene	180	6.998	6.998	0.0	91	488956	0	
83 Caprolactam	113	7.201	7.201	0.0	73	163761	9.36	
84 4-Chloro-3-methylphenol	107	7.313	7.313	0.0	94	484528	9.83	
85 2-Methylnaphthalene	142	7.468	7.468	0.0	91	1029295	9.32	
86 1-Methylnaphthalene	142	7.549	7.549	0.0	90	963923	9.18	
87 1,2,3,5-Tetrachlorobenzene	216	7.591	7.591	0.0	95	497090	9.40	
88 Hexachlorocyclopentadiene	237	7.597	7.597	0.0	82	286504	9.09	
90 2,4,6-Trichlorophenol	196	7.698	7.698	0.0	91	331036	10.1	
91 2,4,5-Trichlorophenol	196	7.730	7.730	0.0	94	347229	9.83	
94 2,4-Toluene diamine	121	7.843	7.843	0.0	96	341717	9.72	
96 1,2,3,4 -Tetrachlorobenzene	216	7.848	7.848	0.0	93	484142	0	
95 1,1'-Biphenyl	154	7.859	7.859	0.0	94	1273342	9.27	
98 2-Chloronaphthalene	162	7.880	7.880	0.0	96	1005153	9.36	
100 2-Nitroaniline	65	7.955	7.955	0.0	83	319950	10.1	
103 Dimethyl phthalate	163	8.099	8.099	0.0	98	1081540	9.46	
105 2,6-Dinitrotoluene	165	8.158	8.158	0.0	91	244862	9.36	
106 1,2-Dinitrobenzene	168	8.206	8.206	0.0	91	124900	9.85	
107 Acenaphthylene	152	8.233	8.233	0.0	91	1671423	9.42	
108 3-Nitroaniline	138	8.303	8.303	0.0	94	293228	10.3	
110 Acenaphthene	153	8.378	8.378	0.0	93	1012677	9.49	
109 2,4-Dinitrophenol	184	8.388	8.388	0.0	83	323578	18.2	
111 4-Nitrophenol	109	8.426	8.426	0.0	93	162516	9.86	
112 2,4-Dinitrotoluene	165	8.495	8.495	0.0	88	329255	9.34	
114 Dibenzofuran	168	8.522	8.522	0.0	88	1475400	9.31	
115 2,3,5,6-Tetrachlorophenol	232	8.581	8.581	0.0	90	297877	10.2	
119 Diethyl phthalate	149	8.688	8.688	0.0	97	1124742	9.41	
121 4-Chlorophenyl phenyl ether	204	8.800	8.800	0.0	91	574085	9.54	
124 Fluorene	166	8.811	8.811	0.0	85	1203031	9.46	
123 4-Nitroaniline	138	8.816	8.816	0.0	79	300083	9.58	
126 4,6-Dinitro-2-methylphenol	198	8.838	8.838	0.0	85	209216	9.21	
130 N-Nitrosodiphenylamine	169	8.896	8.896	0.0	0	867153	9.07	
131 Azobenzene	77	8.934	8.934	0.0	99	1225227	9.08	
129 1,2-Diphenylhydrazine	77	8.934	8.934	0.0	0	1223652	9.07	
137 4-Bromophenyl phenyl ether	248	9.212	9.212	0.0	62	325736	9.21	
139 Hexachlorobenzene	284	9.271	9.271	0.0	89	345907	9.50	
140 Atrazine	200	9.330	9.330	0.0	90	252785	9.72	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.431	9.431	0.0	84	421450	17.2	
146 Phenanthrene	178	9.624	9.624	0.0	97	1662143	8.78	
147 Anthracene	178	9.667	9.667	0.0	97	1762471	9.37	
149 Carbazole	167	9.795	9.795	0.0	82	1651401	9.04	
151 Di-n-butyl phthalate	149	10.057	10.057	0.0	100	1901318	9.26	
157 Fluoranthene	202	10.624	10.624	0.0	97	1921104	9.19	
158 Benzidine	184	10.720	10.720	0.0	99	1047659	9.02	
160 Pyrene	202	10.822	10.822	0.0	96	2028899	9.33	
166 Butyl benzyl phthalate	149	11.389	11.389	0.0	97	815242	9.12	
170 3,3'-Dimethoxybenzidine	244	11.961	11.961	0.0	90	372057	8.12	
173 3,3'-Dichlorobenzidine	252	11.999	11.999	0.0	67	686251	9.06	
172 4,4'-Methylene bis(2-chloroanili	231	11.999	11.999	0.0	71	313045	9.06	
171 Bis(2-ethylhexyl) phthalate	149	12.020	12.020	0.0	96	1138371	9.00	
175 Benzo[a]anthracene	228	12.041	12.041	0.0	95	1756566	9.23	
176 Chrysene	228	12.090	12.090	0.0	93	1643499	9.06	
178 Di-n-octyl phthalate	149	12.881	12.881	0.0	99	1861519	8.80	
180 Benzo[b]fluoranthene	252	13.475	13.475	0.0	94	1775892	9.47	
181 Benzo[k]fluoranthene	252	13.518	13.518	0.0	99	1855654	9.11	
182 Benzo[a]pyrene	252	13.951	13.951	0.0	75	1732027	8.95	
186 Indeno[1,2,3-cd]pyrene	276	15.630	15.630	0.0	97	1889738	8.90	
187 Dibenz(a,h)anthracene	278	15.657	15.657	0.0	79	1568017	8.66	
188 Benzo[g,h,i]perylene	276	16.031	16.031	0.0	92	1622661	9.64	
S 189 Methyl Phenols,Total	100				0		9.23	

QC Flag Legend

Review Flags
M - Manually Integrated

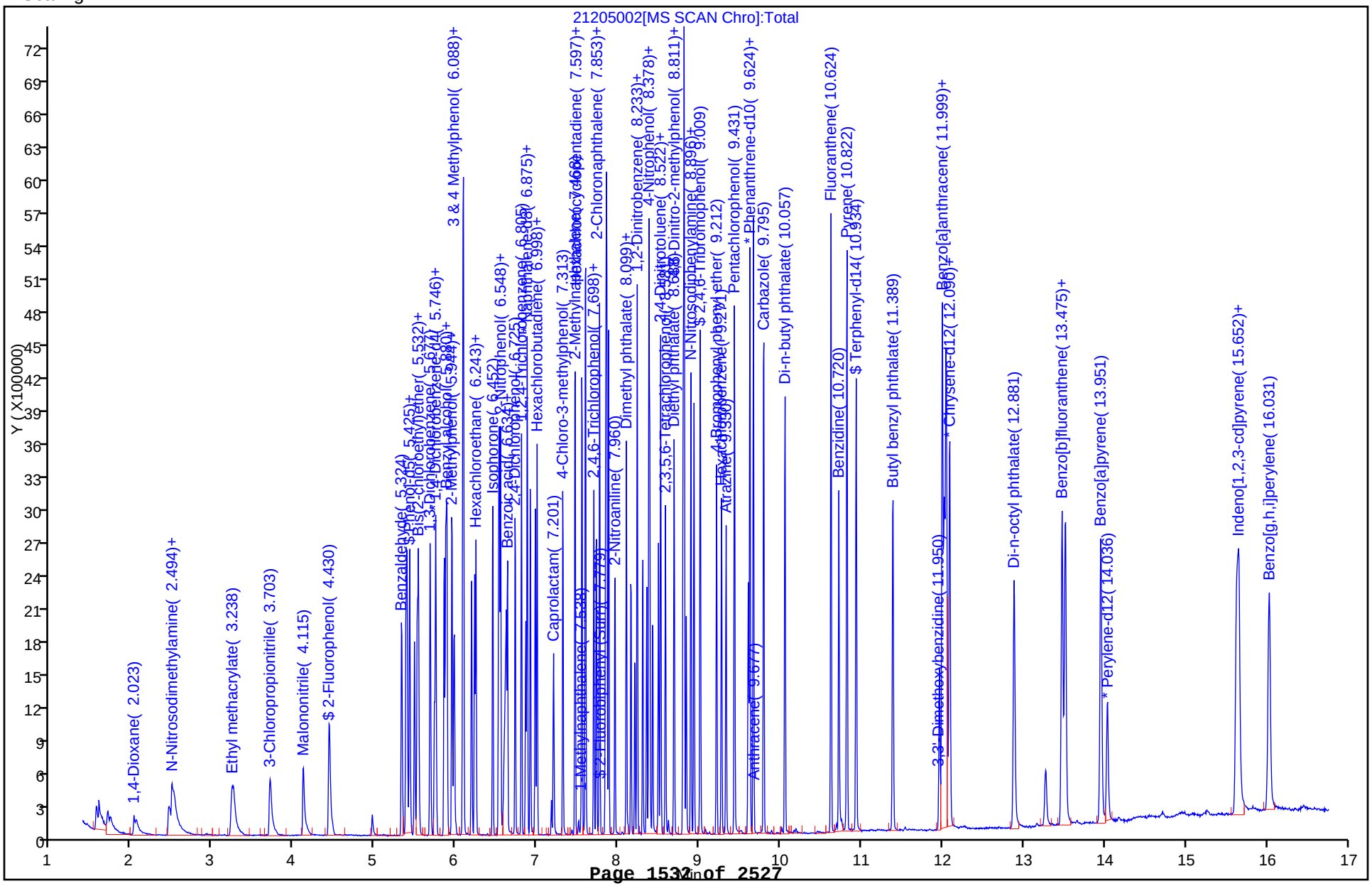
Report Date: 06-Dec-2012 08:50:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205002.D

Injection Date:	05-Dec-2012 09:33:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	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.: 240-17768-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/05/2012 19:14

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: 21205027.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.043			0.0875	0.100		
Phenol	Ave	1.674			0.0745	0.100		
Aniline	Ave	2.093			0.0733	0.100		
Bis(2-chloroethyl)ether	Ave	1.293			0.0880	0.100		
2-Chlorophenol	Ave	1.352			0.0784	0.100		
1,3-Dichlorobenzene	Ave	1.457			0.111	0.100		
1,4-Dichlorobenzene	Ave	1.448			0.0967	0.100		
Benzyl alcohol	Ave	0.8332			0.0713	0.100		
1,2-Dichlorobenzene	Ave	1.380			0.111	0.100		
2-Methylphenol	Ave	1.220			0.0858	0.100		
3 & 4 Methylphenol	Ave	1.279			0.0698	0.100		
N-Nitrosodi-n-propylamine	Ave	0.9059			0.0829	0.100		
Acetophenone	Ave	1.808			0.0983	0.100		
Hexachloroethane	Ave	0.5884			0.102	0.100		
Nitrobenzene	Ave	0.3635			0.105	0.100		
Isophorone	Ave	0.6380			0.0906	0.100		
2,4-Dimethylphenol	Ave	0.3362			0.0951	0.100		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.0837	0.100		
2,4-Dichlorophenol	Ave	0.2657			0.0886	0.100		
1,2,4-Trichlorobenzene	Ave	0.3169			0.100	0.100		
Naphthalene	Ave	0.999			0.0989	0.100		
4-Chloro-3-methylphenol	Ave	0.2854			0.0819	0.100		
2-Methylnaphthalene	Ave	0.6393			0.105	0.100		
2,4,6-Trichlorophenol	Ave	0.3372			0.0878	0.100		
2,4,5-Trichlorophenol	Ave	0.3632			0.0754	0.100		
1,1'-Biphenyl	Ave	1.413			0.0937	0.100		
2-Chloronaphthalene	Ave	1.105			0.0916	0.100		
2-Nitroaniline	Ave	0.3242			0.0877	0.100		
Dimethyl phthalate	Ave	1.175			0.104	0.100		
Acenaphthylene	Ave	1.825			0.0892	0.100		
Acenaphthene	Ave	1.097			0.0905	0.100		
Dibenzofuran	Ave	1.629			0.0920	0.100		
Diethyl phthalate	Ave	1.228			0.0919	0.100		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.0977	0.100		
Fluorene	Ave	1.308			0.0939	0.100		
N-Nitrosodiphenylamine	Ave	0.5517			0.0883	0.100		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.0806	0.100		
Hexachlorobenzene	Ave	0.2101			0.107	0.100		
Phenanthrene	Ave	1.093			0.102	0.100		
Anthracene	Ave	1.086			0.0898	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/05/2012 19:14

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: 21205027.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbazole	Ave	1.055			0.0830	0.100		
Di-n-butyl phthalate	Ave	1.185			0.0877	0.100		
Fluoranthene	Ave	1.207			0.0896	0.100		
Pyrene	Ave	1.276			0.0891	0.100		
Butyl benzyl phthalate	Qua				0.194	0.100		
Bis(2-ethylhexyl) phthalate	Qua				0.273	0.100		
Benzo[a]anthracene	Ave	1.116			0.102	0.100		
Chrysene	Ave	1.064			0.0944	0.100		
Di-n-octyl phthalate	Qua				0.368	0.100		
Benzo[b]fluoranthene	Ave	1.276			0.0762	0.100		
Benzo[k]fluoranthene	Ave	1.387			0.0871	0.100		
Benzo[a]pyrene	Qua				0.183	0.100		
Indeno[1,2,3-cd]pyrene	Qua				0.157	0.100		
Dibenz(a,h)anthracene	Qua				0.245	0.100		
Benzo[g,h,i]perylene	Ave	1.145			0.0741	0.100		
1,4-Dioxane	Ave	0.4642			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-Nitrophenol	Ave	0.1710			0.000800	0.100		
3,3'-Dichlorobenzidine	Qua				0.000800	0.100		
3-Nitroaniline	Ave	0.2941			0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Bromophenyl phenyl ether	Ave	0.2040			0.000800	0.100		
4-Nitroaniline	Qua				0.000800	0.100		
4-Nitrophenol	Ave	0.1694			0.00240	0.100		
Atrazine	Ave	0.1501			0.000800	0.100		
Benzidine	Qua				0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Caprolactam	Qua				0.000800	0.100		
Hexachlorobutadiene	Ave	0.1716			0.000800	0.100		
Hexachlorocyclopentadiene	Ave	0.3241			0.000800	0.100		
N-Nitrosodimethylamine	Qua				0.000800	0.100		
Pentachlorophenol	Qua				0.00240	0.200		
Pyridine	Ave	1.330			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/05/2012 19:14

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: 21205027.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
2-Fluorophenol (Surr)	Ave	1.236			0.0634	0.100	63	35-105
Phenol-d5 (Surr)	Ave	1.570			0.0865	0.100	87	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			0.113	0.100	113*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.0900	0.100	90	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.0899	0.100	90	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.0861	0.100	86	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205027.D
Lims ID: mdll1 Client ID:
Inject. Date: 05-Dec-2012 19:14:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015541-027
Misc. Info.: mdll1
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 27
Lims Batch ID: 67390 Lims Sample ID: 27
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m
Last Update: 06-Dec-2012 09:00:54 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: XAWRK028

First Level Reviewer: gruberj Date: 06-Dec-2012 07:37:30

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.730	5.730	0.0	96	189144	4.00	
* 2 Naphthalene-d8	136	6.859	6.859	0.0	99	682166	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	90	387342	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	97	665763	4.00	
* 5 Chrysene-d12	240	12.052	12.057	-0.005	97	650453	4.00	
* 6 Perylene-d12	264	14.031	14.036	-0.005	96	562456	4.00	
$ 7 2-Fluorophenol	112	4.441	4.430	0.011	52	3707	0.0634	
$ 8 Phenol-d5	99	5.382	5.382	0.0	76	6421	0.0865	
$ 9 Nitrobenzene-d5	82	6.233	6.227	0.006	65	6764	0.1128	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	90	11311	0.0900	
$ 11 2,4,6-Tribromophenol	330	9.019	9.014	0.005	1	1440	0.0899	
$ 12 Terphenyl-d14	244	10.934	10.934	0.0	77	10375	0.0861	
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
24 1,4-Dioxane	88		2.023					9
25 N-Nitrosodimethylamine	74		2.462					9
26 Pyridine	79		2.494					
27 Ethyl methacrylate	69		3.248					
232 1-Methyl-2-pyrrilidinone	99	3.280	3.271	0.009	0	473	0	
18 Dimethylformamide	73		3.545					9
28 3-Chloropropionitrile	54		3.703					
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66		4.115					
33 Acrylamide	71	4.414	4.349	0.065	1	302	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.532	4.536	-0.004	0	579	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					
40 Benzaldehyde	77	5.329	5.324	0.005	76	4316	0.0875	
37 2-Methylcyclohexanone	68	5.334	5.376	-0.042	1	69	0	
41 Phenol	94	5.398	5.393	0.005	83	5895	0.0745	
38 3-Methylcyclohexanone	69	5.420	5.414	0.006	1	51	0	
43 Aniline	93	5.436	5.425	0.011	56	7255	0.0733	
39 4-Methylcyclohexanone	55	5.447	5.462	-0.015	1	732	0	
42 Phenylmercaptan	110		5.473					
44 Bis(2-chloroethyl)ether	93	5.489	5.484	0.005	64	5379	0.0880	
46 2-Chlorophenol	128	5.538	5.532	0.006	49	5015	0.0784	
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146	5.677	5.677	0.0	59	7654	0.1111	
48 1,4-Dichlorobenzene	146	5.746	5.746	0.0	3	6623	0.0967	
49 Benzyl alcohol	108	5.864	5.853	0.011	29	2810	0.0713	
50 1,2-Dichlorobenzene	146	5.885	5.885	0.0	60	7276	0.1115	
51 2-Methylphenol	108	5.949	5.944	0.005	75	4947	0.0858	
52 2,2'-oxybis[1-chloropropane]	45	5.971	5.976	-0.005	72	8924	0.0995	
53 Indene	115		6.066					
191 3 & 4 Methylphenol	108	6.083	6.078	0.005	78	4222	0.0698	
57 Acetophenone	105	6.094	6.088	0.006	92	8400	0.0983	
56 N-Nitrosodi-n-propylamine	70	6.088	6.088	0.0	69	3552	0.0829	
60 Hexachloroethane	117	6.190	6.190	0.0	69	2839	0.1020	
55 N-Nitrosopyrrolidine	100		6.216					
61 Nitrobenzene	77	6.244	6.243	0.001	62	6480	0.1045	
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					9
63 Isophorone	82	6.447	6.452	-0.005	80	9854	0.0906	
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139		6.522					9
66 1,3,5-Trichlorobenzene	180	6.532	6.532	0.0	75	5285	0.0977	
64 2,4-Dimethylphenol	107	6.548	6.548	0.0	67	5454	0.0951	
69 Benzoic acid	122		6.618					9
68 Bis(2-chloroethoxy)methane	93	6.634	6.634	0.0	77	5784	0.0837	
71 2,4-Dichlorophenol	162	6.730	6.730	0.0	70	4015	0.0886	
67 o,o',o''-Triethylphosphorothioat	198		6.740					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180	6.800	6.805	-0.005	64	5425	0.1004	
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128	6.875	6.875	0.0	86	16858	0.0989	
74 4-Chloroaniline	127	6.917	6.912	0.005	64	6518	0.0897	
77 Hexachlorobutadiene	225		6.976					9
78 1,2,3-Trichlorobenzene	180	6.998	6.998	0.0	82	5405	0	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					
79 Benzothiazole	135		7.195					9
83 Caprolactam	113		7.201					9
80 Quinoline	129		7.259					
84 4-Chloro-3-methylphenol	107	7.319	7.313	0.006	55	3988	0.0819	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					
85 2-Methylnaphthalene	142	7.468	7.468	0.0	77	11410	0.1047	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.549	7.549	0.0	74	10257	0.0989	
87 1,2,3,5-Tetrachlorobenzene	216	7.591	7.591	0.0	71	5784	0.1099	
88 Hexachlorocyclopentadiene	237		7.597					9
90 2,4,6-Trichlorophenol	196	7.698	7.698	0.0	53	2866	0.0878	
91 2,4,5-Trichlorophenol	196	7.730	7.730	0.0	62	2652	0.0754	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					19
94 2,4-Toluene diamine	121		7.843					9
96 1,2,3,4 -Tetrachlorobenzene	216	7.848	7.848	0.0	73	5120	0	
95 1,1'-Biphenyl	154	7.859	7.859	0.0	86	12818	0.0937	
98 2-Chloronaphthalene	162	7.880	7.880	0.0	71	9794	0.0916	
100 2-Nitroaniline	65	7.960	7.955	0.005	37	2755	0.0877	
227 Isosafrole Peak 2	162		7.960					
97 3,4-Dichloronitrobenzene	109		7.986					
99 Phenyl ether	170		8.040					
103 Dimethyl phthalate	163	8.100	8.099	0.001	93	11802	0.1037	
105 2,6-Dinitrotoluene	165		8.158					9
101 1,4-Naphthoquinone	158		8.168					
106 1,2-Dinitrobenzene	168	8.206	8.206	0.0	59	759	0.0601	
102 1,4-Dinitrobenzene	168		8.211					
107 Acenaphthylene	152	8.233	8.233	0.0	86	15766	0.0892	
104 1,3-Dinitrobenzene	168		8.275					9
108 3-Nitroaniline	138		8.303					9
110 Acenaphthene	153	8.378	8.378	0.0	81	9620	0.0905	
109 2,4-Dinitrophenol	184		8.388					
111 4-Nitrophenol	109		8.426					9
112 2,4-Dinitrotoluene	165		8.495					9
114 Dibenzofuran	168	8.522	8.522	0.0	70	14503	0.0920	
115 2,3,5,6-Tetrachlorophenol	232		8.581					9
113 Pentachlorobenzene	250		8.633					
119 Diethyl phthalate	149	8.688	8.688	0.0	80	10925	0.0919	
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					
121 4-Chlorophenyl phenyl ether	204	8.800	8.800	0.0	73	5855	0.0977	
124 Fluorene	166	8.811	8.811	0.0	88	11896	0.0939	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138		8.816					9
126 4,6-Dinitro-2-methylphenol	198		8.838					
130 N-Nitrosodiphenylamine	169	8.896	8.896	0.0	0	8105	0.0883	
120 Thionazin	97		8.901					
131 Azobenzene	77	8.934	8.934	0.0	79	10446	0.0806	
129 1,2-Diphenylhydrazine	77	8.934	8.934	0.0	0	10446	0.0806	
122 N-Nitro-o-toluidine	152		8.954					9
125 Tributyl phosphate	99		8.992					9
128 Diphenylamine	169		9.040					
132 Sulfotepp	202		9.152					
137 4-Bromophenyl phenyl ether	248		9.212					9
133 1,3,5-Trinitrobenzene	213		9.238					
139 Hexachlorobenzene	284	9.276	9.271	0.005	52	3755	0.1074	
228 Diallate Peak 1	86		9.275					1
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
140 Atrazine	200		9.330					9
230 Diallate Peak 2	86		9.356					1
138 Dimethoate	87		9.430					
141 Pentachlorophenol	266		9.431					9
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
146 Phenanthrene	178	9.624	9.624	0.0	37	18536	0.1019	
147 Anthracene	178	9.667	9.667	0.0	93	16227	0.0898	
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
148 DFTPP								
149 Carbazole	167	9.795	9.795	0.0	66	14573	0.0830	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.057	10.057	0.0	92	17294	0.0877	
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
157 Fluoranthene	202	10.624	10.624	0.0	86	17991	0.0896	
156 Isodrin	66		10.655					
158 Benzidine	184		10.720					9
160 Pyrene	202	10.822	10.822	0.0	91	18501	0.0891	
164 4,4'-DDE	246		10.881					9
226 Aramite Peak 1	185		11.056					149
229 Aramite Peak 2	185		11.126					149
163 4,4'-DDD	235		11.228					9
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
166 Butyl benzyl phthalate	149	11.384	11.389	-0.005	56	5932	0.1944	
168 4,4'-DDT	235		11.496					9
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244		11.961					9
173 3,3'-Dichlorobenzidine	252		11.999					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231		11.999					9
171 Bis(2-ethylhexyl) phthalate	149	12.025	12.020	0.005	78	9659	0.2727	
175 Benzo[a]anthracene	228	12.041	12.041	0.0	61	18536	0.1021	
176 Chrysene	228	12.090	12.090	0.0	54	16330	0.0944	
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149	12.881	12.881	0.0	54	8064	0.3684	
180 Benzo[b]fluoranthene	252	13.470	13.475	-0.005	74	13670	0.0762	
181 Benzo[k]fluoranthene	252	13.512	13.518	-0.006	64	16988	0.0871	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	13.946	13.951	-0.005	60	12714	0.1829	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					9
186 Indeno[1,2,3-cd]pyrene	276	15.636	15.630	0.006	55	15093	0.1567	M
187 Dibenz(a,h)anthracene	278	15.652	15.657	-0.005	0	13375	0.2454	M
188 Benzo[g,h,i]perylene	276	16.032	16.031	0.001	62	11937	0.0741	M
S 189 Methyl Phenols,Total	100				0		0.0858	
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	3.243	3.050	0.193	1	129	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
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

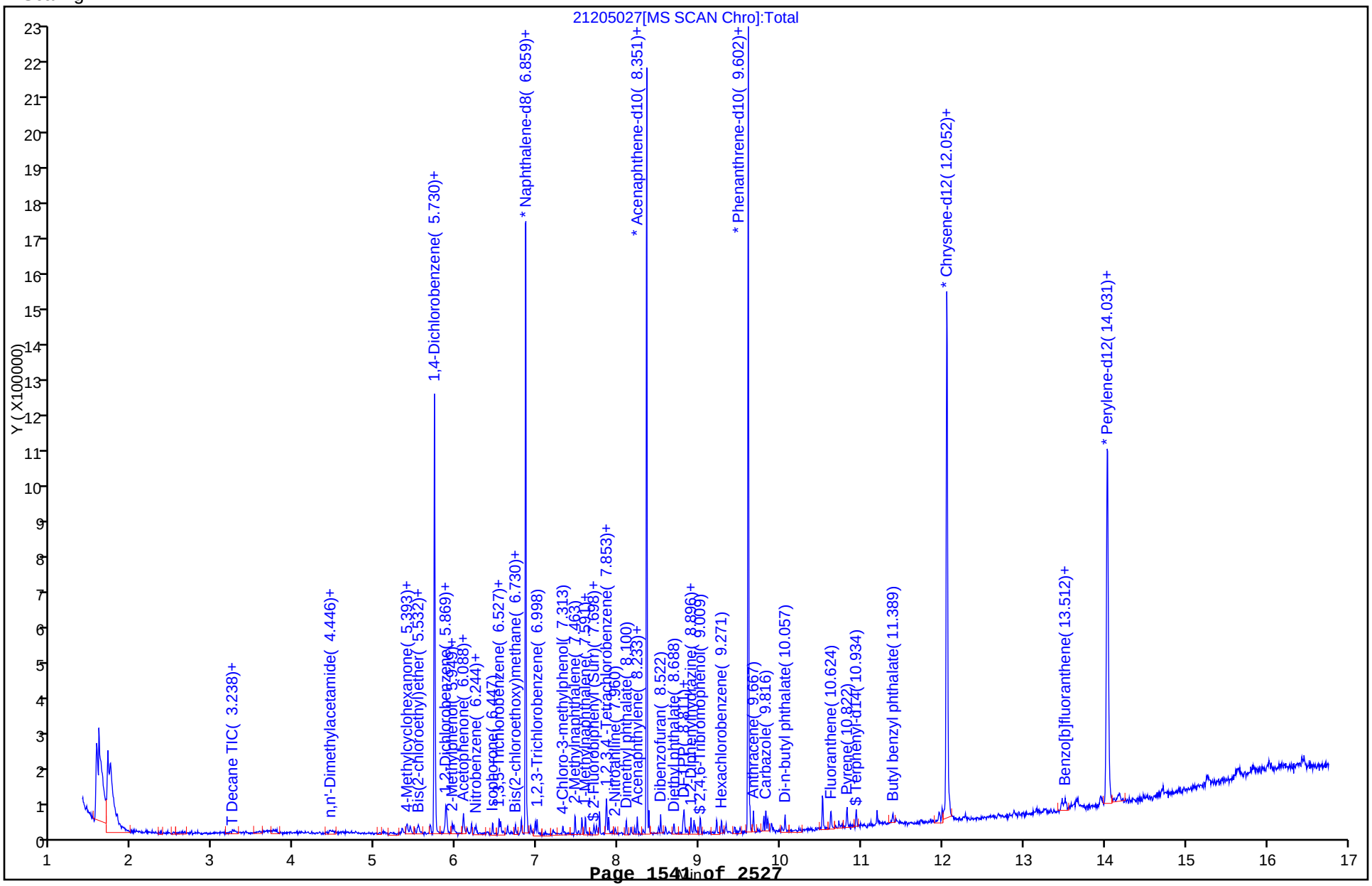
Report Date: 06-Dec-2012 09:25:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205027.D

Injection Date:	05-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	27
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

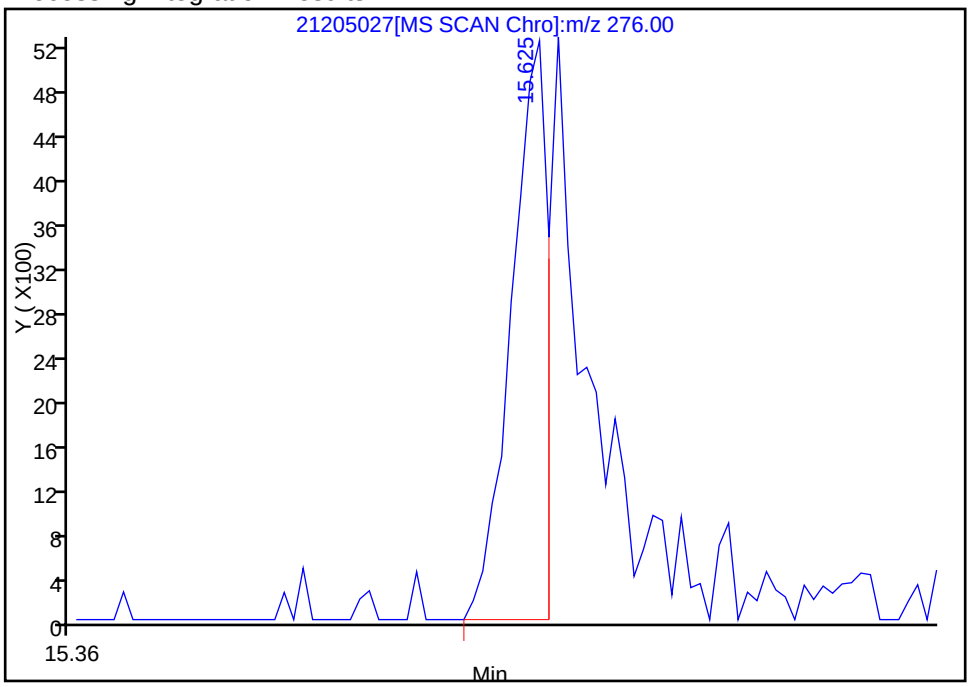
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205027.D		
Injection Date:	05-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	27
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 15.63

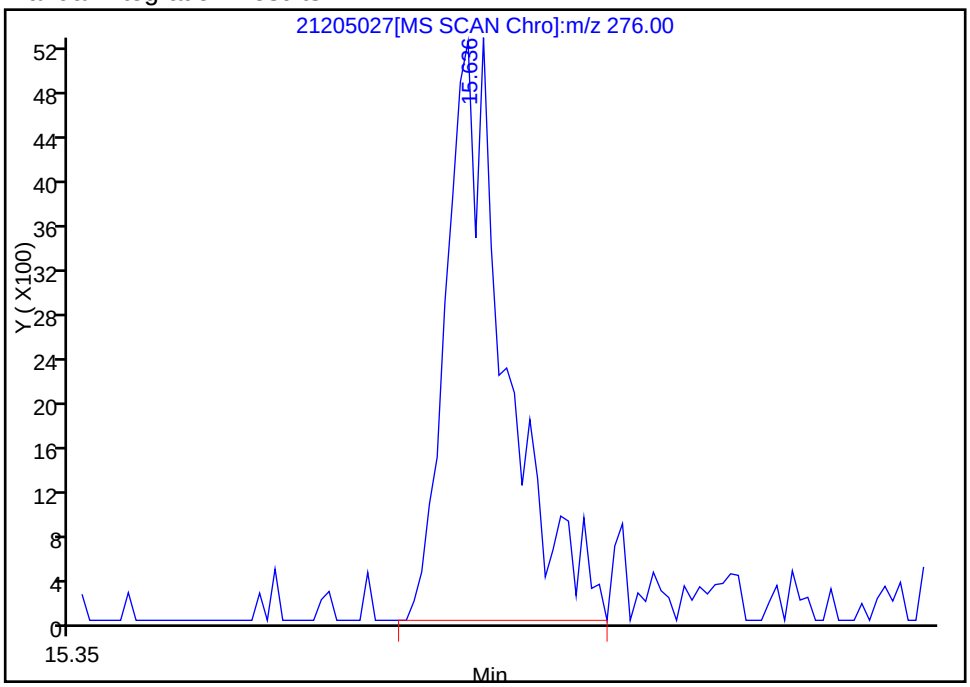
Processing Integration Results

RT: 15.63
Response: 7424
Amount: 0.118259



Manual Integration Results

RT: 15.64
Response: 15093
Amount: 0.156686



Reviewer: gruberj, 06-Dec-2012 07:37:30
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

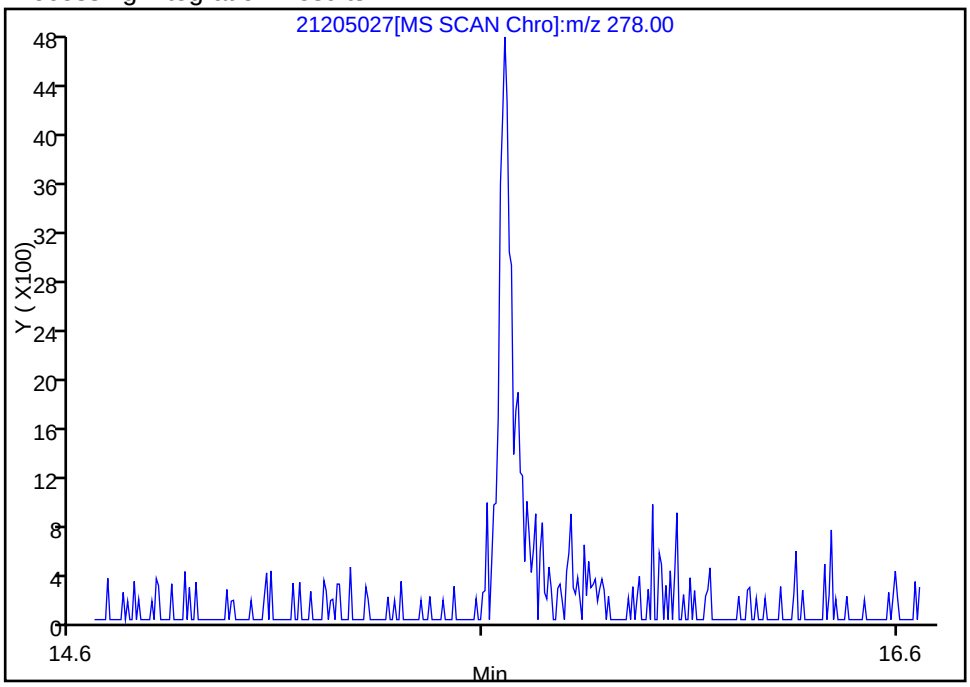
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205027.D		
Injection Date:	05-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	27
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: 15.66

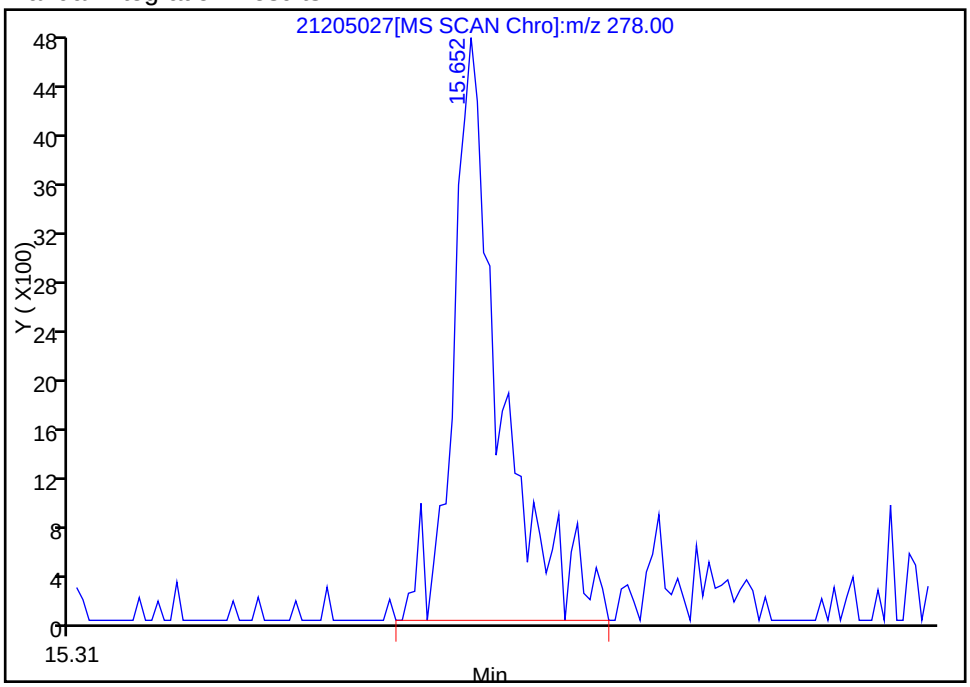
Processing Integration Results

Not Detected
Expected RT: 15.66



Manual Integration Results

RT: 15.65
Response: 13375
Amount: 0.245361



Reviewer: gruberj, 06-Dec-2012 07:37:30
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

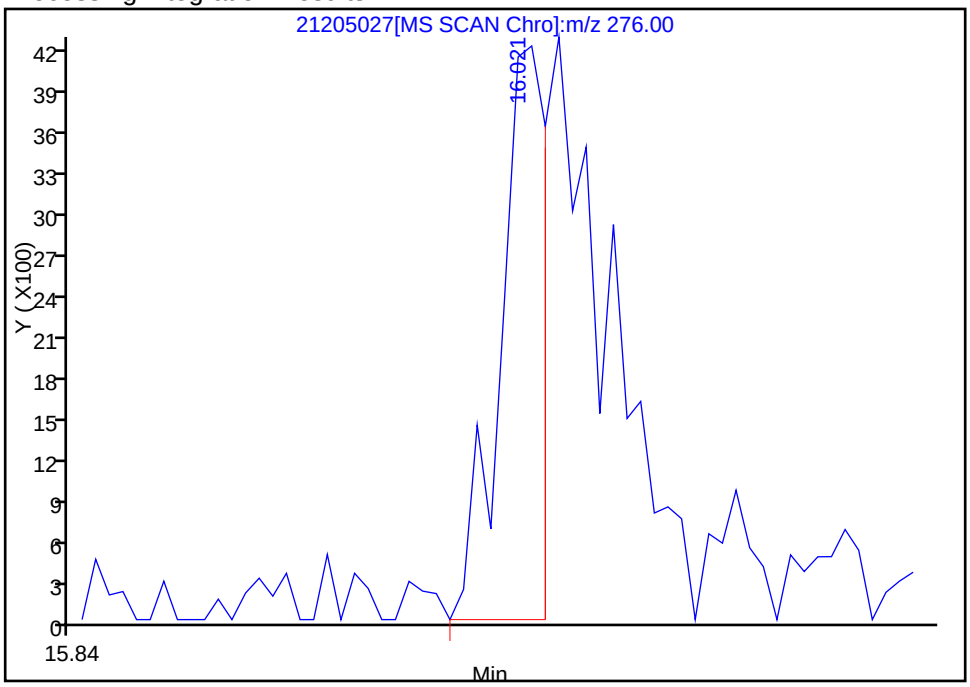
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205027.D		
Injection Date:	05-Dec-2012 19:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	27
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: 16.03

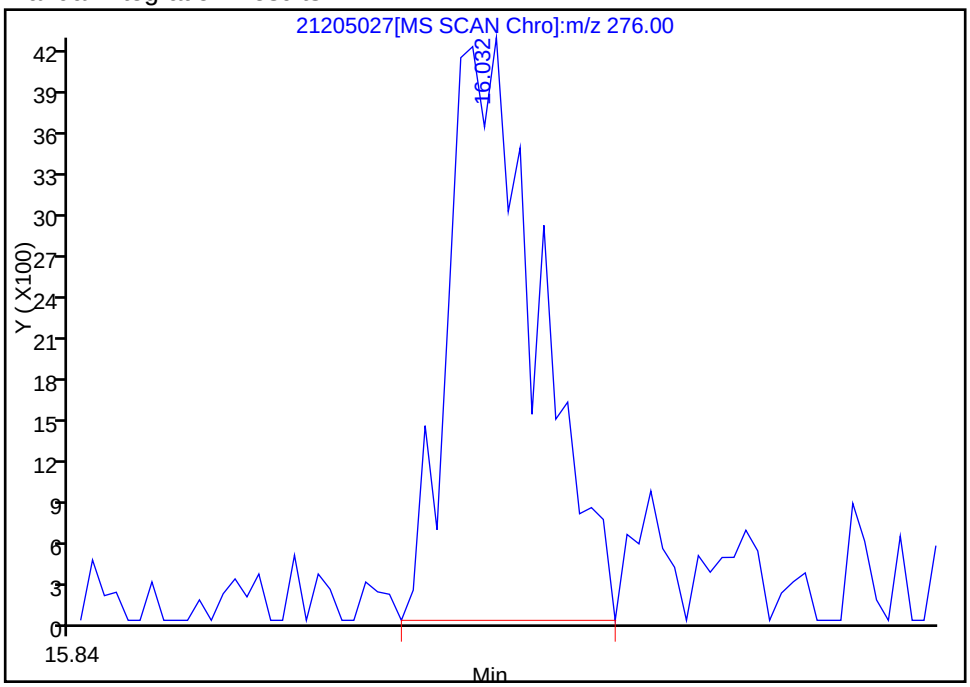
Processing Integration Results

RT: 16.02
Response: 5331
Amount: 0.033106



Manual Integration Results

RT: 16.03
Response: 11937
Amount: 0.074129



Reviewer: gruberj, 06-Dec-2012 07:37:30
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/05/2012 19:37

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: 21205028.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			0.536	0.500		
N-Nitrosodimethylamine	Qua				0.741	0.500		
Pyridine	Ave	1.330			0.267	0.500		
Benzaldehyde	Ave	1.043			0.483	0.500		
Phenol	Ave	1.674			0.465	0.500		
Aniline	Ave	2.093			0.492	0.500		
Bis(2-chloroethyl)ether	Ave	1.293			0.445	0.500		
2-Chlorophenol	Ave	1.352			0.476	0.500		
1,3-Dichlorobenzene	Ave	1.457			0.503	0.500		
1,4-Dichlorobenzene	Ave	1.448			0.495	0.500		
Benzyl alcohol	Ave	0.8332			0.440	0.500		
1,2-Dichlorobenzene	Ave	1.380			0.507	0.500		
2-Methylphenol	Ave	1.220			0.478	0.500		
3 & 4 Methylphenol	Ave	1.279			0.448	0.500		
Acetophenone	Ave	1.808			0.494	0.500		
N-Nitrosodi-n-propylamine	Ave	0.9059			0.509	0.500		
Hexachloroethane	Ave	0.5884			0.511	0.500		
Nitrobenzene	Ave	0.3635			0.463	0.500		
Isophorone	Ave	0.6380			0.457	0.500		
2-Nitrophenol	Ave	0.1710			0.373	0.500		
2,4-Dimethylphenol	Ave	0.3362			0.498	0.500		
Benzoic acid	Qua				1.72	1.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.481	0.500		
2,4-Dichlorophenol	Ave	0.2657			0.457	0.500		
1,2,4-Trichlorobenzene	Ave	0.3169			0.476	0.500		
Naphthalene	Ave	0.999			0.490	0.500		
Hexachlorobutadiene	Ave	0.1716			0.558	0.500		
Caprolactam	Qua				0.791	0.500		
4-Chloro-3-methylphenol	Ave	0.2854			0.442	0.500		
2-Methylnaphthalene	Ave	0.6393			0.498	0.500		
Hexachlorocyclopentadiene	Ave	0.3241			0.154	0.500		
2,4,6-Trichlorophenol	Ave	0.3372			0.461	0.500		
2,4,5-Trichlorophenol	Ave	0.3632			0.453	0.500		
1,1'-Biphenyl	Ave	1.413			0.485	0.500		
2-Chloronaphthalene	Ave	1.105			0.479	0.500		
2-Nitroaniline	Ave	0.3242			0.383	0.500		
Dimethyl phthalate	Ave	1.175			0.482	0.500		
2,6-Dinitrotoluene	Qua				0.729	0.500		
Acenaphthylene	Ave	1.825			0.498	0.500		
3-Nitroaniline	Ave	0.2941			0.389	0.500		
Acenaphthene	Ave	1.097			0.486	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/05/2012 19:37

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: 21205028.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				2.35	1.00		
4-Nitrophenol	Ave	0.1694			0.185	0.500		
2,4-Dinitrotoluene	Qua				0.679	0.500		
Dibenzofuran	Ave	1.629			0.511	0.500		
Diethyl phthalate	Ave	1.228			0.492	0.500		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.530	0.500		
4-Nitroaniline	Qua				0.589	0.500		
Fluorene	Ave	1.308			0.489	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.758	0.500		
N-Nitrosodiphenylamine	Ave	0.5517			0.489	0.500		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.448	0.500		
4-Bromophenyl phenyl ether	Ave	0.2040			0.436	0.500		
Hexachlorobenzene	Ave	0.2101			0.533	0.500		
Atrazine	Ave	0.1501			0.480	0.500		
Pentachlorophenol	Qua				0.924	1.00		
Phenanthrene	Ave	1.093			0.475	0.500		
Anthracene	Ave	1.086			0.447	0.500		
Carbazole	Ave	1.055			0.446	0.500		
Di-n-butyl phthalate	Ave	1.185			0.414	0.500		
Fluoranthene	Ave	1.207			0.466	0.500		
Benzidine	Qua				0.612	0.500		
Pyrene	Ave	1.276			0.459	0.500		
Butyl benzyl phthalate	Qua				0.503	0.500		
3,3'-Dichlorobenzidine	Qua				0.534	0.500		
Bis(2-ethylhexyl) phthalate	Qua				0.528	0.500		
Benzo[a]anthracene	Ave	1.116			0.496	0.500		
Chrysene	Ave	1.064			0.507	0.500		
Di-n-octyl phthalate	Qua				0.592	0.500		
Benzo[b]fluoranthene	Ave	1.276			0.430	0.500		
Benzo[k]fluoranthene	Ave	1.387			0.446	0.500		
Benzo[a]pyrene	Qua				0.540	0.500		
Indeno[1,2,3-cd]pyrene	Qua				0.423	0.500		
Dibenz(a,h)anthracene	Qua				0.508	0.500		
Benzo[g,h,i]perylene	Ave	1.145			0.369	0.500		
2-Fluorophenol (Surr)	Ave	1.236			0.419	0.500	84	35-105
Phenol-d5 (Surr)	Ave	1.570			0.432	0.500	86	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			0.445	0.500	89	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.509	0.500	102	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.459	0.500	92	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.476	0.500	95	30-125

Report Date: 06-Dec-2012 09:25:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205028.D
Lims ID: mdll2 Client ID:
Inject. Date: 05-Dec-2012 19:37:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015541-028
Misc. Info.: mdll2
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 28
Lims Batch ID: 67390 Lims Sample ID: 28
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m
Last Update: 06-Dec-2012 09:00:54 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: XAWRK028

First Level Reviewer: gruberj Date: 06-Dec-2012 07:45:29

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.730	5.730	0.0	96	191062	4.00	
* 2 Naphthalene-d8	136	6.858	6.859	-0.001	99	735870	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	92	411278	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	98	737942	4.00	
* 5 Chrysene-d12	240	12.052	12.057	-0.005	97	732589	4.00	
* 6 Perylene-d12	264	14.036	14.036	0.0	96	626712	4.00	
$ 7 2-Fluorophenol	112	4.441	4.430	0.011	82	24753	0.4191	
$ 8 Phenol-d5	99	5.382	5.382	0.0	95	32409	0.4322	
$ 9 Nitrobenzene-d5	82	6.227	6.227	0.0	88	28787	0.4449	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	98	67893	0.5088	
$ 11 2,4,6-Tribromophenol	330	9.014	9.014	0.0	80	7814	0.4593	
$ 12 Terphenyl-d14	244	10.934	10.934	0.0	97	64613	0.4762	
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
24 1,4-Dioxane	88	2.039	2.023	0.016	75	11882	0.5359	M
25 N-Nitrosodimethylamine	74	2.489	2.462	0.027	72	14783	0.7413	
26 Pyridine	79	2.542	2.494	0.048	92	16989	0.2674	
27 Ethyl methacrylate	69	3.248	3.248	0.0	84	19257	0.3648	
232 1-Methyl-2-pyrrilidinone	99	3.248	3.271	-0.023	0	3960	0	
18 Dimethylformamide	73		3.545					9
28 3-Chloropropionitrile	54	3.713	3.703	0.010	75	12077	0.3428	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66	4.141	4.115	0.026	98	6679	0.1005	
33 Acrylamide	71	4.435	4.349	0.086	1	62	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.489	4.536	-0.047	0	529	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					
40 Benzaldehyde	77	5.329	5.324	0.005	90	24035	0.4825	
37 2-Methylcyclohexanone	68	5.366	5.376	-0.010	1	132	0	
41 Phenol	94	5.393	5.393	0.0	97	37180	0.4651	
38 3-Methylcyclohexanone	69	5.420	5.414	0.006	1	76	0	
43 Aniline	93	5.425	5.425	0.0	92	49147	0.4916	
39 4-Methylcyclohexanone	55	5.478	5.462	0.016	1	659	0	
42 Phenylmercaptan	110		5.473					
44 Bis(2-chloroethyl)ether	93	5.489	5.484	0.005	90	27467	0.4448	
46 2-Chlorophenol	128	5.532	5.532	0.0	87	30721	0.4757	
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146	5.682	5.677	0.005	94	35008	0.5029	
48 1,4-Dichlorobenzene	146	5.746	5.746	0.0	87	34228	0.4950	
49 Benzyl alcohol	108	5.853	5.853	0.0	87	17516	0.4401	
50 1,2-Dichlorobenzene	146	5.885	5.885	0.0	90	33417	0.5068	
51 2-Methylphenol	108	5.944	5.944	0.0	93	27845	0.4778	
52 2,2'-oxybis[1-chloropropane]	45	5.971	5.976	-0.005	88	45949	0.5071	
53 Indene	115		6.066					
191 3 & 4 Methylphenol	108	6.083	6.078	0.005	93	27345	0.4476	
57 Acetophenone	105	6.088	6.088	0.0	93	42631	0.4937	
56 N-Nitrosodi-n-propylamine	70	6.088	6.088	0.0	84	22034	0.5092	
60 Hexachloroethane	117	6.190	6.190	0.0	86	14359	0.5109	
55 N-Nitrosopyrrolidine	100		6.216					
61 Nitrobenzene	77	6.243	6.243	0.0	89	30973	0.4632	
58 N-Nitrosomorpholine	56		6.248					
59 2-Toluidine	106		6.269					
63 Isophorone	82	6.447	6.452	-0.005	96	53635	0.4570	
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139	6.521	6.522	-0.001	92	11739	0.3731	
66 1,3,5-Trichlorobenzene	180	6.532	6.532	0.0	95	30732	0.5267	
64 2,4-Dimethylphenol	107	6.548	6.548	0.0	94	30806	0.4980	
69 Benzoic acid	122	6.575	6.618	-0.043	78	12290	1.72	
68 Bis(2-chloroethoxy)methane	93	6.634	6.634	0.0	98	35821	0.4805	
71 2,4-Dichlorophenol	162	6.730	6.730	0.0	88	22330	0.4568	
67 o,o',o''-Triethylphosphorothioat	198		6.740					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180	6.805	6.805	0.0	88	27776	0.4764	
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128	6.874	6.875	-0.001	85	90010	0.4895	
74 4-Chloroaniline	127	6.917	6.912	0.005	79	34052	0.4344	
77 Hexachlorobutadiene	225	6.976	6.976	0.0	85	17620	0.5580	
78 1,2,3-Trichlorobenzene	180	6.997	6.998	-0.001	85	26779	0	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					
79 Benzothiazole	135		7.195					9
83 Caprolactam	113	7.190	7.201	-0.011	75	7314	0.7913	
80 Quinoline	129		7.259					
84 4-Chloro-3-methylphenol	107	7.313	7.313	0.0	91	23230	0.4424	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
85 2-Methylnaphthalene	142	7.463	7.468	-0.005	92	58608	0.4983	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.548	7.549	-0.001	95	57127	0.5104	
87 1,2,3,5-Tetrachlorobenzene	216	7.591	7.591	0.0	88	29141	0.5213	
88 Hexachlorocyclopentadiene	237	7.597	7.597	-0.001	41	5126	0.1538	
90 2,4,6-Trichlorophenol	196	7.698	7.698	0.0	87	15993	0.4613	
91 2,4,5-Trichlorophenol	196	7.730	7.730	0.0	88	16904	0.4526	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					1
94 2,4-Toluene diamine	121	7.843	7.843	0.0	89	16512	0.4408	
96 1,2,3,4 -Tetrachlorobenzene	216	7.848	7.848	0.0	89	29224	0	
95 1,1'-Biphenyl	154	7.859	7.859	0.0	94	70513	0.4854	
98 2-Chloronaphthalene	162	7.880	7.880	0.0	95	54348	0.4785	
100 2-Nitroaniline	65	7.960	7.955	0.005	78	12775	0.3832	
227 Isosafrole Peak 2	162		7.960					
97 3,4-Dichloronitrobenzene	109		7.986					9
99 Phenyl ether	170		8.040					
103 Dimethyl phthalate	163	8.099	8.099	0.0	98	58280	0.4825	
105 2,6-Dinitrotoluene	165	8.158	8.158	0.0	84	9401	0.7289	
101 1,4-Naphthoquinone	158		8.168					
106 1,2-Dinitrobenzene	168	8.201	8.206	-0.005	79	4924	0.3674	
102 1,4-Dinitrobenzene	168		8.211					
107 Acenaphthylene	152	8.233	8.233	0.0	90	93458	0.4982	
104 1,3-Dinitrobenzene	168		8.275					
108 3-Nitroaniline	138	8.303	8.303	0.0	84	11750	0.3886	
110 Acenaphthene	153	8.377	8.378	-0.001	90	54806	0.4858	
109 2,4-Dinitrophenol	184	8.393	8.388	0.005	1	1429	2.35	
111 4-Nitrophenol	109	8.426	8.426	0.0	86	3218	0.1848	
112 2,4-Dinitrotoluene	165	8.495	8.495	0.0	80	12786	0.6785	
114 Dibenzofuran	168	8.522	8.522	0.0	87	85565	0.5110	
115 2,3,5,6-Tetrachlorophenol	232	8.581	8.581	0.0	79	13098	0.4255	
113 Pentachlorobenzene	250		8.633					
119 Diethyl phthalate	149	8.688	8.688	0.0	97	62144	0.4921	
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
121 4-Chlorophenyl phenyl ether	204	8.800	8.800	0.0	89	33716	0.5300	
124 Fluorene	166	8.811	8.811	0.0	86	65803	0.4894	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.811	8.816	-0.005	45	10548	0.5892	
126 4,6-Dinitro-2-methylphenol	198	8.837	8.838	-0.001	14	2465	0.7584	
130 N-Nitrosodiphenylamine	169	8.896	8.896	0.0	0	49716	0.4885	
120 Thionazin	97		8.901					
131 Azobenzene	77	8.934	8.934	0.0	98	64334	0.4480	
129 1,2-Diphenylhydrazine	77	8.934	8.934	0.0	0	64334	0.4480	
122 N-Nitro-o-toluidine	152		8.954					9
125 Tributyl phosphate	99		8.992					9
128 Diphenylamine	169		9.040					9
132 Sulfotepp	202		9.152					
137 4-Bromophenyl phenyl ether	248	9.212	9.212	0.0	62	16427	0.4364	
133 1,3,5-Trinitrobenzene	213		9.238					
139 Hexachlorobenzene	284	9.276	9.271	0.005	81	20644	0.5326	
228 Diallate Peak 1	86		9.275					1
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					
140 Atrazine	200	9.329	9.330	-0.001	84	13291	0.4799	
230 Diallate Peak 2	86		9.356					
138 Dimethoate	87		9.430					9
141 Pentachlorophenol	266	9.436	9.431	0.005	85	14348	0.9240	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
146 Phenanthrene	178	9.624	9.624	0.0	89	95810	0.4752	
147 Anthracene	178	9.666	9.667	-0.001	97	89624	0.4474	
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
148 DFTPP								
149 Carbazole	167	9.795	9.795	0.0	82	86838	0.4463	
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.057	10.057	0.0	98	90550	0.4144	
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
157 Fluoranthene	202	10.624	10.624	0.0	96	103857	0.4665	
156 Isodrin	66		10.655					9
158 Benzidine	184	10.725	10.720	0.005	84	26277	0.6119	
160 Pyrene	202	10.822	10.822	0.0	97	107294	0.4590	
164 4,4'-DDE	246		10.881					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
163 4,4'-DDD	235		11.228					9
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
166 Butyl benzyl phthalate	149	11.389	11.389	0.0	92	35694	0.5030	
168 4,4'-DDT	235		11.496					9
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	11.961	11.961	0.0	52	7260	0.8599	
173 3,3'-Dichlorobenzidine	252	11.993	11.999	-0.006	64	27661	0.5336	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	11.998	11.999	-0.001	69	11929	0.4519	
171 Bis(2-ethylhexyl) phthalate	149	12.020	12.020	0.0	91	45217	0.5276	
175 Benzo[a]anthracene	228	12.041	12.041	0.0	94	101394	0.4960	
176 Chrysene	228	12.084	12.090	-0.006	91	98790	0.5070	
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149	12.881	12.881	0.0	85	59002	0.5916	
180 Benzo[b]fluoranthene	252	13.469	13.475	-0.006	93	85927	0.4298	
181 Benzo[k]fluoranthene	252	13.512	13.518	-0.006	91	96928	0.4462	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	13.951	13.951	0.0	69	86378	0.5402	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					9
186 Indeno[1,2,3-cd]pyrene	276	15.630	15.630	0.0	91	76168	0.4233	
187 Dibenz(a,h)anthracene	278	15.652	15.657	-0.005	63	65843	0.5076	
188 Benzo[g,h,i]perylene	276	16.026	16.031	-0.005	86	66193	0.3689	
S 189 Methyl Phenols,Total	100				0		0.4778	
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	3.221	3.050	0.171	1	131	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
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

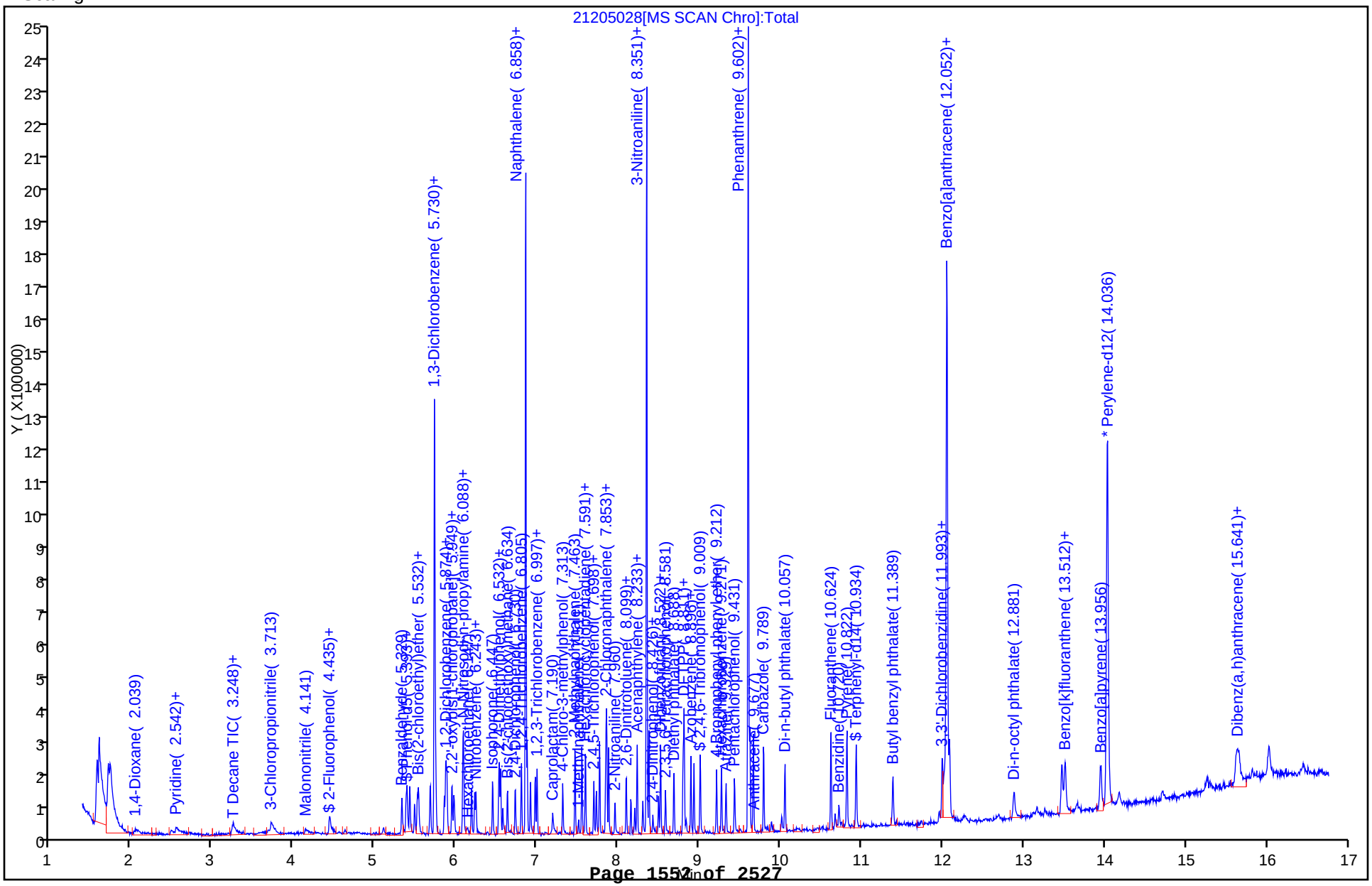
Report Date: 06-Dec-2012 09:25:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205028.D

Injection Date:	05-Dec-2012 19:37:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	28
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

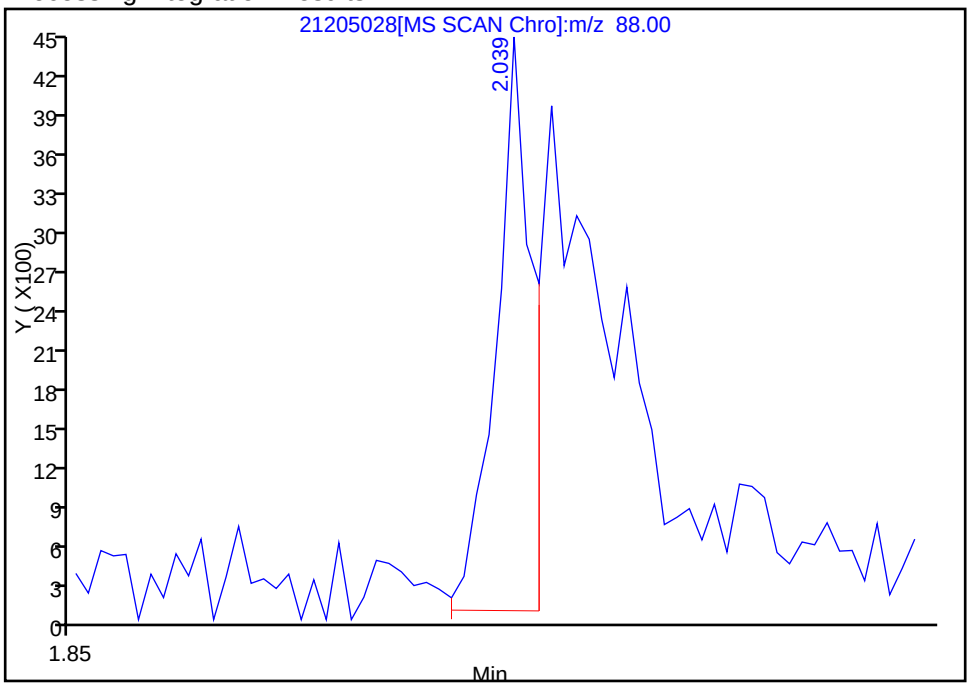
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205028.D		
Injection Date:	05-Dec-2012 19:37:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	28
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: 2.02

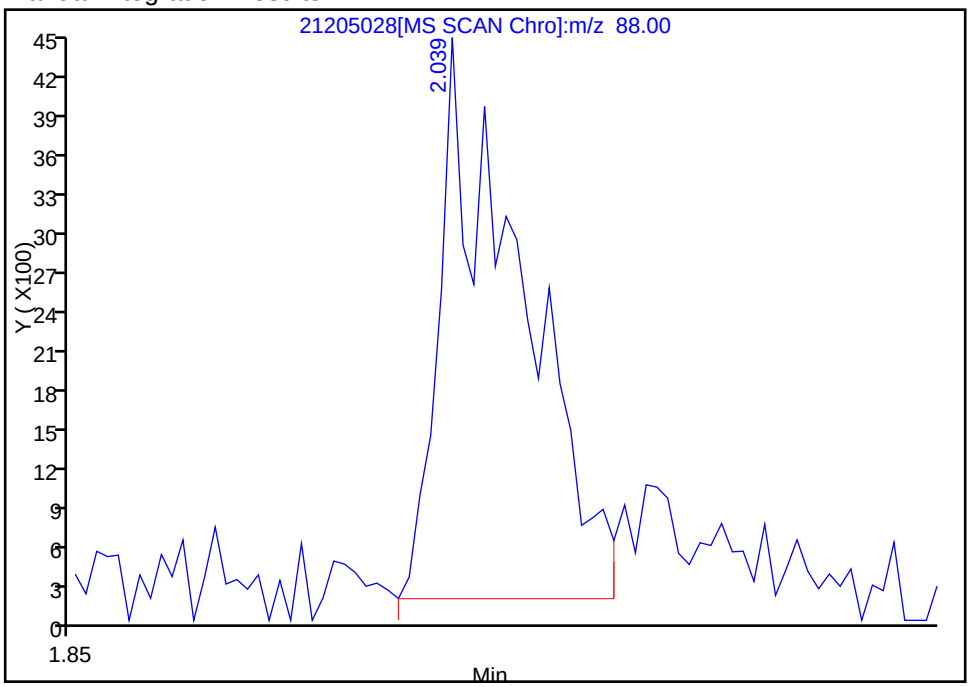
Processing Integration Results

RT: 2.04
Response: 4685
Amount: 0.211296



Manual Integration Results

RT: 2.04
Response: 11882
Amount: 0.535884



Reviewer: gruberj, 06-Dec-2012 07:45:29
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/05/2012 20:00

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: 21205029.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			1.08	1.00		
N-Nitrosodimethylamine	Qua				1.16	1.00		
Pyridine	Ave	1.330			0.602	1.00		
Benzaldehyde	Ave	1.043			0.975	1.00		
Phenol	Ave	1.674			0.914	1.00		
Aniline	Ave	2.093			0.899	1.00		
Bis(2-chloroethyl)ether	Ave	1.293			0.937	1.00		
2-Chlorophenol	Ave	1.352			0.929	1.00		
1,3-Dichlorobenzene	Ave	1.457			0.914	1.00		
1,4-Dichlorobenzene	Ave	1.448			0.943	1.00		
Benzyl alcohol	Ave	0.8332			0.854	1.00		
1,2-Dichlorobenzene	Ave	1.380			0.972	1.00		
2-Methylphenol	Ave	1.220			0.888	1.00		
3 & 4 Methylphenol	Ave	1.279			0.838	1.00		
Acetophenone	Ave	1.808			0.933	1.00		
N-Nitrosodi-n-propylamine	Ave	0.9059			0.911	1.00		
Hexachloroethane	Ave	0.5884			0.888	1.00		
Nitrobenzene	Ave	0.3635			0.979	1.00		
Isophorone	Ave	0.6380			0.943	1.00		
2-Nitrophenol	Ave	0.1710			0.840	1.00		
2,4-Dimethylphenol	Ave	0.3362			0.971	1.00		
Benzoic acid	Qua				2.04	2.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.962	1.00		
2,4-Dichlorophenol	Ave	0.2657			0.955	1.00		
1,2,4-Trichlorobenzene	Ave	0.3169			0.985	1.00		
Naphthalene	Ave	0.999			0.986	1.00		
Hexachlorobutadiene	Ave	0.1716			0.959	1.00		
Caprolactam	Qua				1.05	1.00		
4-Chloro-3-methylphenol	Ave	0.2854			0.932	1.00		
2-Methylnaphthalene	Ave	0.6393			0.963	1.00		
Hexachlorocyclopentadiene	Ave	0.3241			0.391	1.00		
2,4,6-Trichlorophenol	Ave	0.3372			0.924	1.00		
2,4,5-Trichlorophenol	Ave	0.3632			1.02	1.00		
1,1'-Biphenyl	Ave	1.413			0.939	1.00		
2-Chloronaphthalene	Ave	1.105			0.945	1.00		
2-Nitroaniline	Ave	0.3242			0.839	1.00		
Dimethyl phthalate	Ave	1.175			0.950	1.00		
2,6-Dinitrotoluene	Qua				1.16	1.00		
Acenaphthylene	Ave	1.825			0.892	1.00		
3-Nitroaniline	Ave	0.2941			0.899	1.00		
Acenaphthene	Ave	1.097			0.947	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/05/2012 20:00

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: 21205029.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				2.52	2.00		
4-Nitrophenol	Ave	0.1694			0.755	1.00		
2,4-Dinitrotoluene	Qua				1.00	1.00		
Dibenzofuran	Ave	1.629			0.962	1.00		
Diethyl phthalate	Ave	1.228			0.947	1.00		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.997	1.00		
Fluorene	Ave	1.308			0.947	1.00		
4-Nitroaniline	Qua				0.988	1.00		
4,6-Dinitro-2-methylphenol	Qua				0.989	1.00		
N-Nitrosodiphenylamine	Ave	0.5517			0.949	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.840	1.00		
4-Bromophenyl phenyl ether	Ave	0.2040			0.945	1.00		
Hexachlorobenzene	Ave	0.2101			0.972	1.00		
Atrazine	Ave	0.1501			0.918	1.00		
Pentachlorophenol	Qua				1.67	2.00		
Phenanthrene	Ave	1.093			0.956	1.00		
Anthracene	Ave	1.086			0.945	1.00		
Carbazole	Ave	1.055			0.904	1.00		
Di-n-butyl phthalate	Ave	1.185			0.876	1.00		
Fluoranthene	Ave	1.207			0.929	1.00		
Benzidine	Qua				0.880	1.00		
Pyrene	Ave	1.276			0.926	1.00		
Butyl benzyl phthalate	Qua				0.893	1.00		
3,3'-Dichlorobenzidine	Qua				0.955	1.00		
Bis(2-ethylhexyl) phthalate	Qua				0.958	1.00		
Benzo[a]anthracene	Ave	1.116			0.920	1.00		
Chrysene	Ave	1.064			0.974	1.00		
Di-n-octyl phthalate	Qua				0.876	1.00		
Benzo[b]fluoranthene	Ave	1.276			0.949	1.00		
Benzo[k]fluoranthene	Ave	1.387			0.941	1.00		
Benzo[a]pyrene	Qua				0.940	1.00		
Indeno[1,2,3-cd]pyrene	Qua				0.779	1.00		
Dibenz(a,h)anthracene	Qua				0.859	1.00		
Benzo[g,h,i]perylene	Ave	1.145			0.692	1.00		
2-Fluorophenol (Surr)	Ave	1.236			0.832	1.00	83	35-105
Phenol-d5 (Surr)	Ave	1.570			0.874	1.00	87	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			0.918	1.00	92	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.974	1.00	97	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.925	1.00	92	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.913	1.00	91	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205029.D		
Lims ID:	mdll3	Client ID:	
Inject. Date:	05-Dec-2012 20:00:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015541-029		
Misc. Info.:	mdll3		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	29
Lims Batch ID:	67390	Lims Sample ID:	29
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m		
Last Update:	06-Dec-2012 09:00:54	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:	XAWRK028		
First Level Reviewer: gruberj		Date:	06-Dec-2012 08:43:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.730	5.730	0.0	95	203878	4.00	
* 2 Naphthalene-d8	136	6.859	6.859	0.0	99	735654	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	92	428114	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	98	745790	4.00	
* 5 Chrysene-d12	240	12.052	12.057	-0.005	96	761591	4.00	
* 6 Perylene-d12	264	14.031	14.036	-0.005	92	634432	4.00	
$ 7 2-Fluorophenol	112	4.436	4.430	0.006	92	52416	0.8317	
$ 8 Phenol-d5	99	5.382	5.382	0.0	95	69964	0.8744	
$ 9 Nitrobenzene-d5	82	6.227	6.227	0.0	86	59382	0.9181	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	98	135279	0.9740	
$ 11 2,4,6-Tribromophenol	330	9.014	9.014	0.0	82	16380	0.9249	
$ 12 Terphenyl-d14	244	10.934	10.934	0.0	97	128827	0.9133	
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
24 1,4-Dioxane	88	2.045	2.023	0.022	87	25455	1.08	
25 N-Nitrosodimethylamine	74	2.489	2.462	0.027	82	33551	1.16	
26 Pyridine	79	2.542	2.494	0.048	93	40831	0.6022	
27 Ethyl methacrylate	69	3.248	3.248	0.0	89	37706	0.6693	
232 1-Methyl-2-pyrrilidinone	99		3.271					1
18 Dimethylformamide	73		3.545					9
28 3-Chloropropionitrile	54	3.714	3.703	0.011	81	23911	0.6360	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66	4.136	4.115	0.021	97	36271	0.5114	
33 Acrylamide	71	4.286	4.349	-0.063	1	219	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.462	4.536	-0.074	0	531	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					
40 Benzaldehyde	77	5.329	5.324	0.005	91	51829	0.9751	
37 2-Methylcyclohexanone	68	5.377	5.376	0.001	21	1535	0	
41 Phenol	94	5.393	5.393	0.0	97	77997	0.9143	
38 3-Methylcyclohexanone	69	5.377	5.414	-0.037	24	9018	0	
43 Aniline	93	5.425	5.425	0.0	88	95951	0.8993	
39 4-Methylcyclohexanone	55	5.527	5.462	0.065	4	2035	0	
42 Phenylmercaptan	110		5.473					
44 Bis(2-chloroethyl)ether	93	5.484	5.484	0.0	92	61717	0.9366	
46 2-Chlorophenol	128	5.537	5.532	0.005	93	64029	0.9290	
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146	5.676	5.677	-0.001	95	67867	0.9136	
48 1,4-Dichlorobenzene	146	5.746	5.746	0.0	90	69593	0.9431	
49 Benzyl alcohol	108	5.853	5.853	0.0	88	36250	0.8536	
50 1,2-Dichlorobenzene	146	5.885	5.885	0.0	87	68369	0.9717	
51 2-Methylphenol	108	5.944	5.944	0.0	96	55242	0.8884	
52 2,2'-oxybis[1-chloropropane]	45	5.971	5.976	-0.005	91	92043	0.9519	
53 Indene	115		6.066					
191 3 & 4 Methylphenol	108	6.078	6.078	0.0	94	54646	0.8383	
57 Acetophenone	105	6.088	6.088	0.0	92	86013	0.9334	
56 N-Nitrosodi-n-propylamine	70	6.088	6.088	0.0	87	42063	0.9110	
60 Hexachloroethane	117	6.190	6.190	0.0	89	26626	0.8878	
55 N-Nitrosopyrrolidine	100		6.216					
61 Nitrobenzene	77	6.243	6.243	0.0	83	65436	0.9788	
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
63 Isophorone	82	6.447	6.452	-0.005	97	110633	0.9428	
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139	6.522	6.522	0.0	95	26409	0.8396	
66 1,3,5-Trichlorobenzene	180	6.532	6.532	0.0	95	61168	1.05	
64 2,4-Dimethylphenol	107	6.548	6.548	0.0	93	60039	0.9709	
69 Benzoic acid	122	6.580	6.618	-0.038	82	26405	2.04	
68 Bis(2-chloroethoxy)methane	93	6.634	6.634	0.0	97	71688	0.9619	
71 2,4-Dichlorophenol	162	6.725	6.730	-0.005	95	46667	0.9549	
67 o,o',o''-Triethylphosphorothioat	198		6.740					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180	6.805	6.805	0.0	92	57421	0.9852	
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128	6.875	6.875	0.0	95	181233	0.9859	
74 4-Chloroaniline	127	6.917	6.912	0.005	84	71020	0.9064	
77 Hexachlorobutadiene	225	6.976	6.976	0.0	88	30260	0.9586	
78 1,2,3-Trichlorobenzene	180	6.998	6.998	0.0	92	54809	0	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					9
79 Benzothiazole	135		7.195					9
83 Caprolactam	113	7.190	7.201	-0.011	75	12799	1.05	
80 Quinoline	129		7.259					
84 4-Chloro-3-methylphenol	107	7.313	7.313	0.0	93	48907	0.9317	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
85 2-Methylnaphthalene	142	7.463	7.468	-0.005	91	113208	0.9628	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.548	7.549	-0.001	93	109349	0.9773	
87 1,2,3,5-Tetrachlorobenzene	216	7.591	7.591	0.0	96	60144	1.03	
88 Hexachlorocyclopentadiene	237	7.597	7.597	0.0	53	13569	0.3911	
90 2,4,6-Trichlorophenol	196	7.698	7.698	0.0	87	33336	0.9238	
91 2,4,5-Trichlorophenol	196	7.730	7.730	0.0	94	39459	1.02	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					1
94 2,4-Toluene diamine	121	7.843	7.843	0.0	89	33770	0.9017	
96 1,2,3,4 -Tetrachlorobenzene	216	7.848	7.848	0.0	94	56812	0	
95 1,1'-Biphenyl	154	7.853	7.859	-0.006	96	141940	0.9387	
98 2-Chloronaphthalene	162	7.880	7.880	0.0	90	111728	0.9451	
100 2-Nitroaniline	65	7.955	7.955	0.0	82	29115	0.8390	
227 Isosafrole Peak 2	162		7.960					
97 3,4-Dichloronitrobenzene	109		7.986					
99 Phenyl ether	170		8.040					
103 Dimethyl phthalate	163	8.099	8.099	0.0	98	119495	0.9504	
105 2,6-Dinitrotoluene	165	8.153	8.158	-0.005	89	22810	1.16	
101 1,4-Naphthoquinone	158		8.168					
106 1,2-Dinitrobenzene	168	8.201	8.206	-0.005	86	11028	0.7905	
102 1,4-Dinitrobenzene	168		8.211					
107 Acenaphthylene	152	8.233	8.233	0.0	91	174164	0.8919	
104 1,3-Dinitrobenzene	168		8.275					
108 3-Nitroaniline	138	8.303	8.303	0.0	95	28300	0.8991	
110 Acenaphthene	153	8.378	8.378	0.0	92	111256	0.9474	
109 2,4-Dinitrophenol	184	8.388	8.388	0.0	8	5269	2.52	
111 4-Nitrophenol	109	8.426	8.426	0.0	89	13682	0.7547	
112 2,4-Dinitrotoluene	165	8.495	8.495	0.0	88	26150	1.00	
114 Dibenzofuran	168	8.522	8.522	0.0	92	167729	0.9623	
115 2,3,5,6-Tetrachlorophenol	232	8.581	8.581	0.0	86	27229	0.8497	
113 Pentachlorobenzene	250		8.633					
119 Diethyl phthalate	149	8.688	8.688	0.0	98	124417	0.9465	
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
121 4-Chlorophenyl phenyl ether	204	8.800	8.800	0.0	88	65999	1.00	
124 Fluorene	166	8.811	8.811	0.0	85	132492	0.9466	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.816	8.816	0.0	67	25244	0.9884	
126 4,6-Dinitro-2-methylphenol	198	8.838	8.838	0.0	53	8421	0.9889	
130 N-Nitrosodiphenylamine	169	8.896	8.896	0.0	0	97638	0.9493	
120 Thionazin	97		8.901					
131 Azobenzene	77	8.934	8.934	0.0	98	121972	0.8404	
129 1,2-Diphenylhydrazine	77	8.934	8.934	0.0	0	121972	0.8404	
122 N-Nitro-o-toluidine	152		8.954					9
125 Tributyl phosphate	99		8.992					9
128 Diphenylamine	169		9.040					9
132 Sulfotepp	202		9.152					
137 4-Bromophenyl phenyl ether	248	9.212	9.212	0.0	63	35942	0.9449	
133 1,3,5-Trinitrobenzene	213		9.238					
139 Hexachlorobenzene	284	9.271	9.271	0.0	91	38068	0.9718	
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					9
140 Atrazine	200	9.330	9.330	0.0	87	25698	0.9181	
230 Diallate Peak 2	86		9.356					
138 Dimethoate	87		9.430					9
141 Pentachlorophenol	266	9.431	9.431	0.0	85	34285	1.67	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					9
146 Phenanthrene	178	9.624	9.624	0.0	93	194732	0.9558	
147 Anthracene	178	9.667	9.667	0.0	96	191207	0.9446	
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
148 DFTPP								
149 Carbazole	167	9.795	9.795	0.0	94	177785	0.9041	
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.057	10.057	0.0	99	193382	0.8756	
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
157 Fluoranthene	202	10.624	10.624	0.0	97	208978	0.9287	
156 Isodrin	66		10.655					9
158 Benzidine	184	10.720	10.720	0.0	96	61918	0.8801	
160 Pyrene	202	10.822	10.822	0.0	98	224987	0.9258	
164 4,4'-DDE	246		10.881					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
163 4,4'-DDD	235		11.228					9
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
166 Butyl benzyl phthalate	149	11.383	11.389	-0.006	94	75304	0.8928	
168 4,4'-DDT	235		11.496					9
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	11.961	11.961	0.0	82	17156	1.04	
173 3,3'-Dichlorobenzidine	252	11.999	11.999	0.0	66	64875	0.9546	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	11.999	11.999	0.0	65	25524	0.7981	
171 Bis(2-ethylhexyl) phthalate	149	12.020	12.020	0.0	96	107445	0.9582	
175 Benzo[a]anthracene	228	12.041	12.041	0.0	96	195592	0.9203	
176 Chrysene	228	12.084	12.090	-0.006	91	197333	0.9742	
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149	12.886	12.881	0.005	96	124330	0.8755	
180 Benzo[b]fluoranthene	252	13.469	13.475	-0.006	93	192108	0.9492	
181 Benzo[k]fluoranthene	252	13.512	13.518	-0.006	93	207051	0.9415	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	13.951	13.951	0.0	76	169406	0.9396	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					9
186 Indeno[1,2,3-cd]pyrene	276	15.625	15.630	-0.005	94	157341	0.7787	
187 Dibenz(a,h)anthracene	278	15.652	15.657	-0.005	57	135871	0.8592	
188 Benzo[g,h,i]perylene	276	16.026	16.031	-0.005	94	125671	0.6919	
S 189 Methyl Phenols,Total	100				0		0.8884	
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	3.072	3.050	0.022	1	66	0	
T 194 Octadecane (TIC)	254	6.366	6.300	0.066	1	60	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

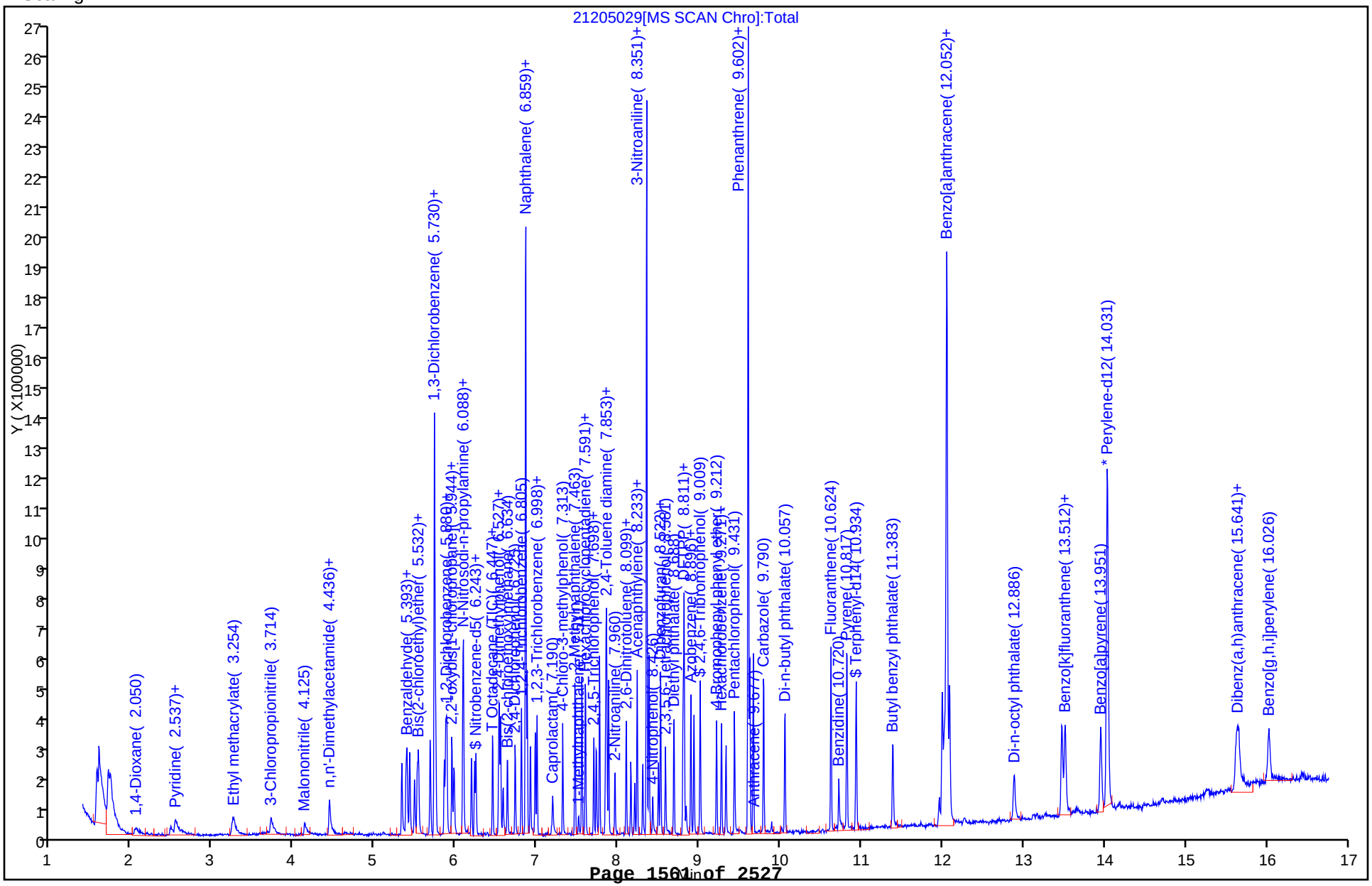
Report Date: 06-Dec-2012 09:25:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205029.D

Injection Date:	05-Dec-2012 20:00:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	29
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\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

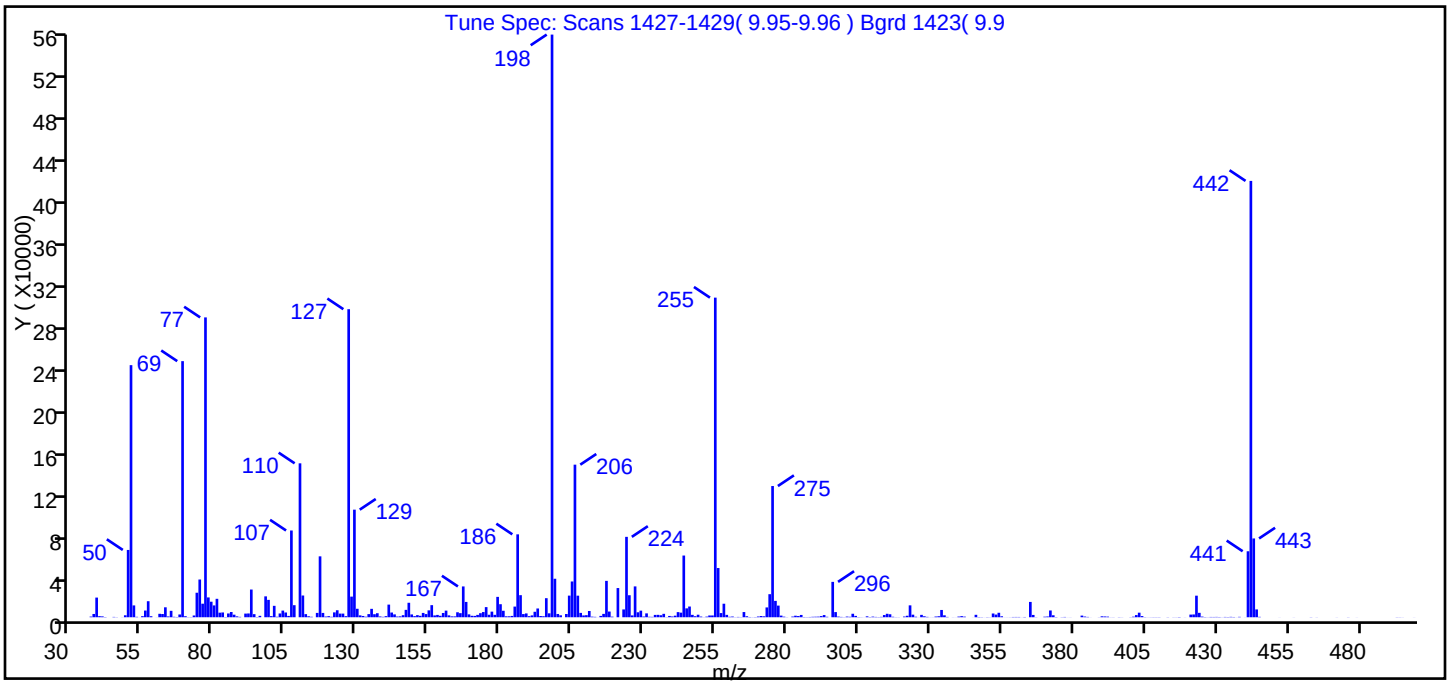
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	86	694720	0	
148 DFTPP								
158 Benzidine	184	10.894	10.894	0.0	99	3841446	0	
164 4,4'-DDE	246	11.060	11.060	0.0	28	2345	0	
163 4,4'-DDD	235	11.434	11.434	0.0	56	18208	0	
168 4,4'-DDT	235	11.718	11.718	0.0	98	1755901	0	

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

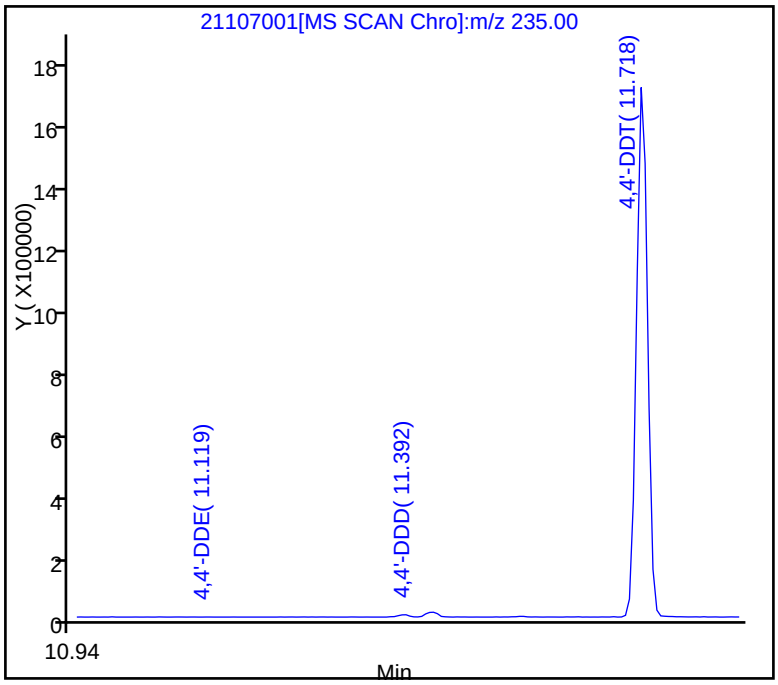
m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.00	20840	209.00	1745	310.00	613	428.00	297
112.00	2996	210.00	2005	311.00	334	429.00	284
113.00	961	211.00	6005	312.00	223	430.00	332
114.00	461	212.00	579	313.00	384	431.00	256
115.00	3	213.00	392	314.00	2112	432.00	87
116.00	4165	214.00	54	315.00	3333	433.00	305
117.00	58376	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

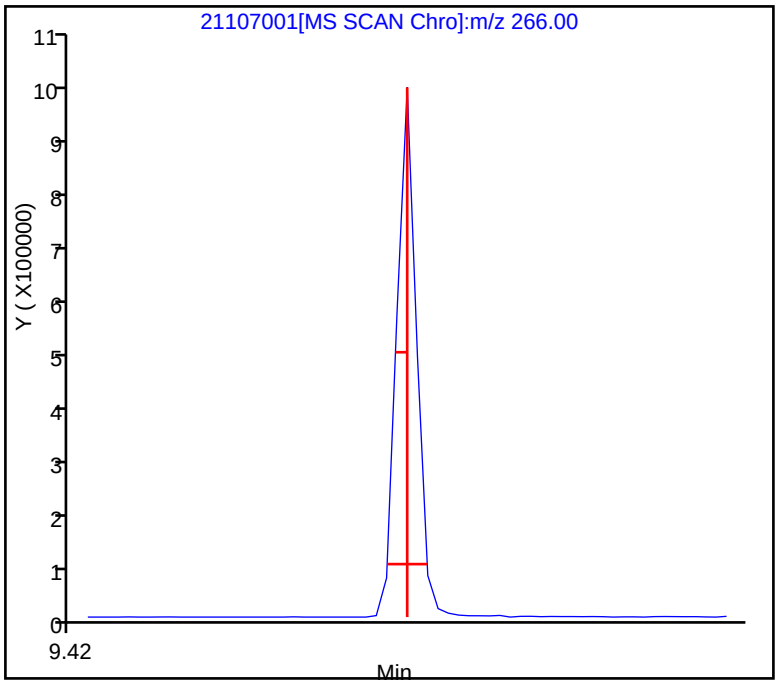
Report Date: 08-Nov-2012 13:38:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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

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

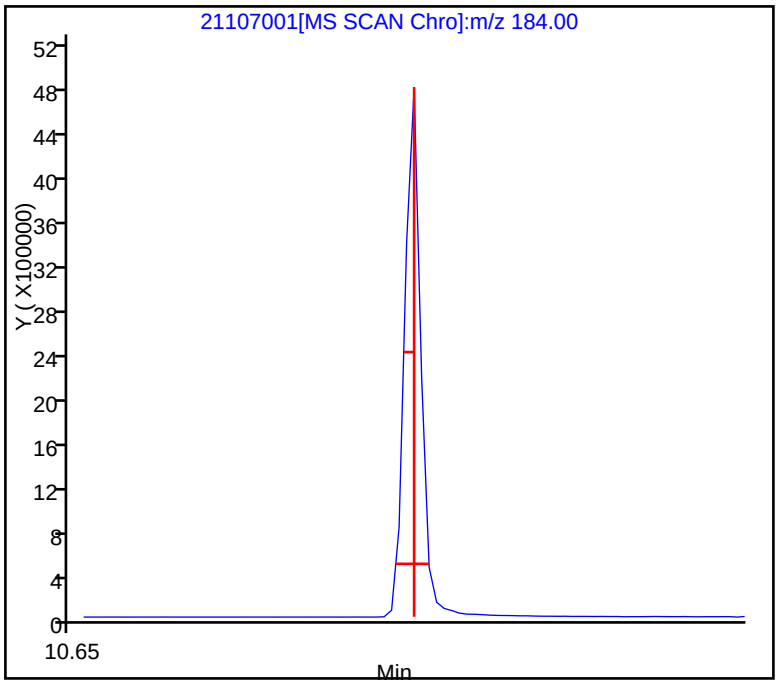
Report Date: 08-Nov-2012 13:38:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48

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

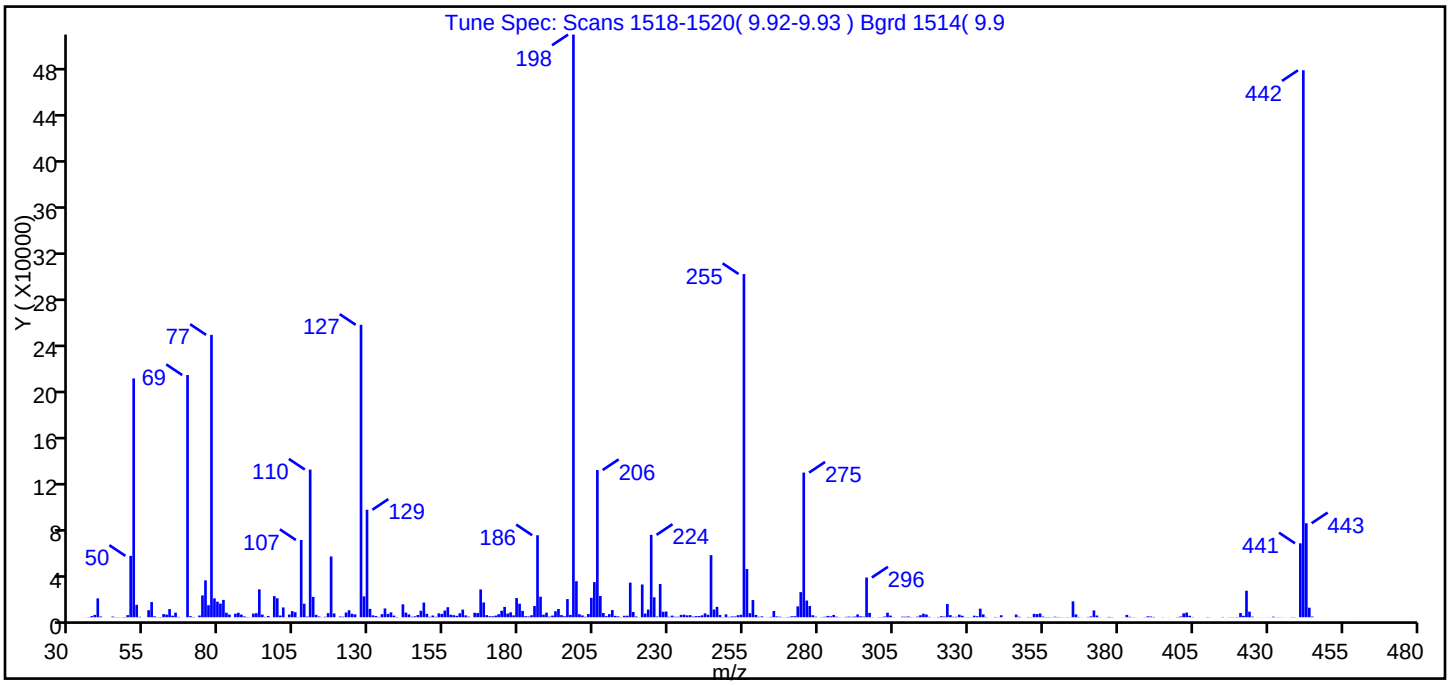
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.564	9.564	0.0	86	591173	0	
148 DFTPP								
158 Benzidine	184	10.859	10.859	0.0	100	3483239	0	
164 4,4'-DDE	246	11.019	11.019	0.0	30	2359	0	
163 4,4'-DDD	235	11.388	11.388	0.0	83	18153	0	
168 4,4'-DDT	235	11.672	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

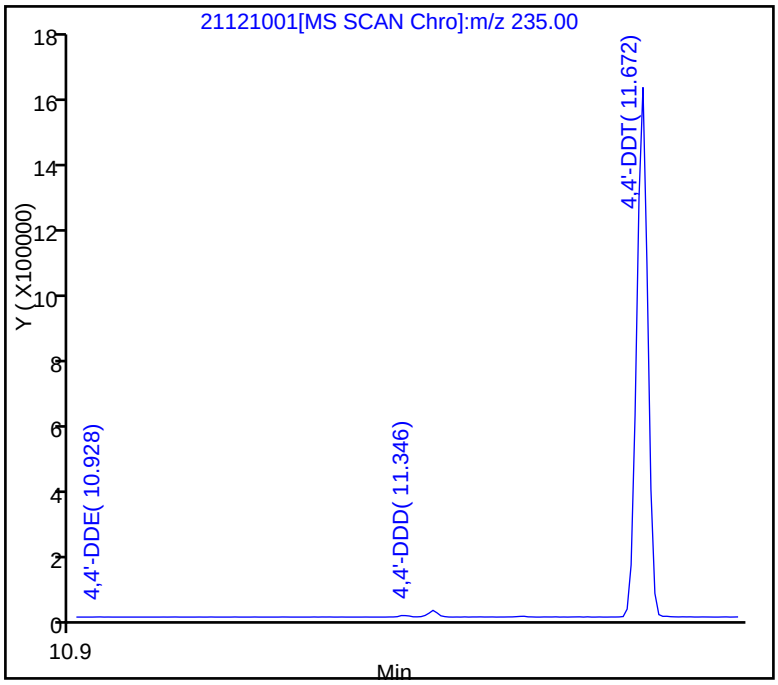
m/z	Y	m/z	Y	m/z	Y	m/z	Y
109.00	607	204.00	16920	301.00	153	422.00	1243
110.00	128744	205.00	30664	302.00	629	423.00	23096
111.00	17768	206.00	128336	303.00	3948	424.00	4875
112.00	2087	207.00	18560	304.00	1473	425.00	536
113.00	675	208.00	3691	305.00	128	427.00	63
114.00	93	209.00	965	308.00	517	428.00	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

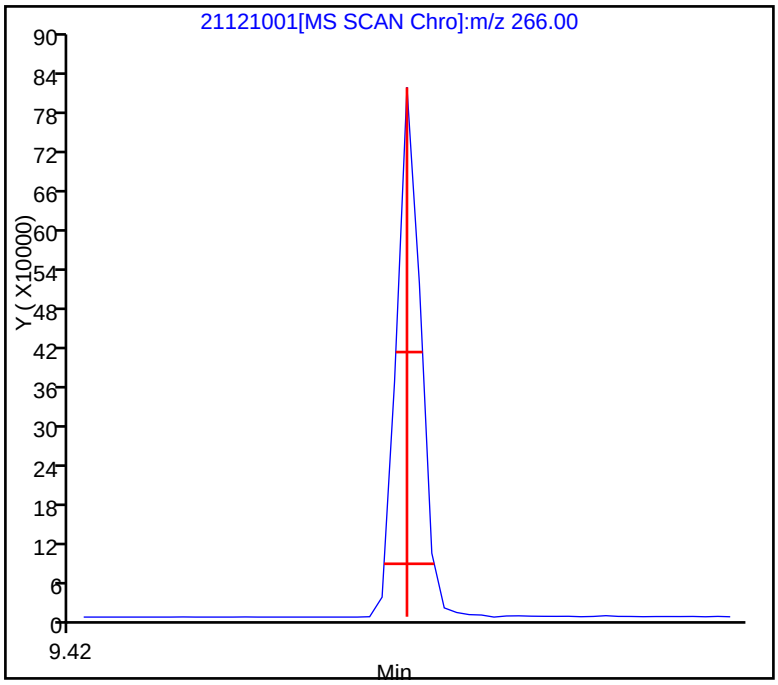
%Breakdown: 1.23%, Max Limit: 20.00%
Passed

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

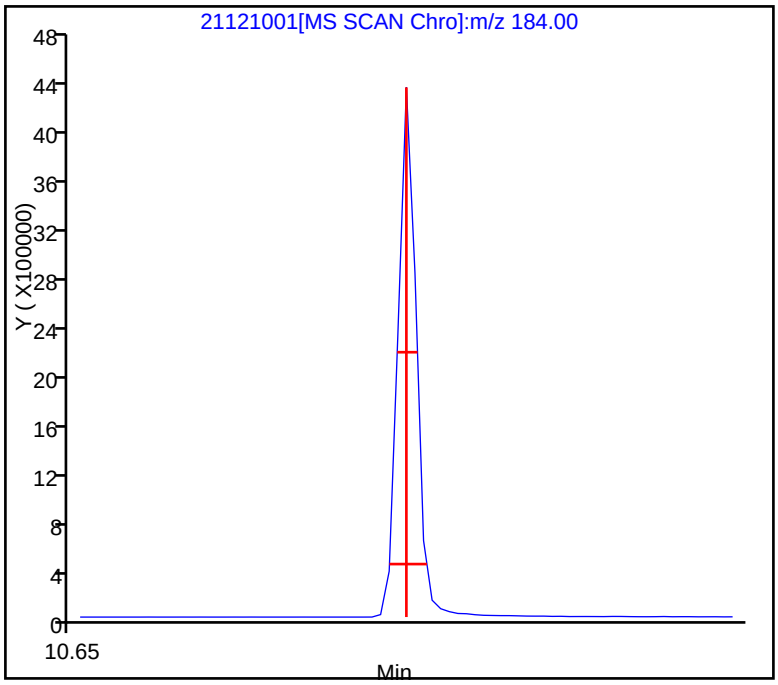
Peak Tailing Report

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\20121130-15418.b\21130001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	30-Nov-2012 08:29:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015418-001		
Misc. Info.:	dftpp		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	66878	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m		
Last Update:	03-Dec-2012 10:35:44	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:	XAWRK014		
First Level Reviewer: gruberj		Date:	30-Nov-2012 08:49:53

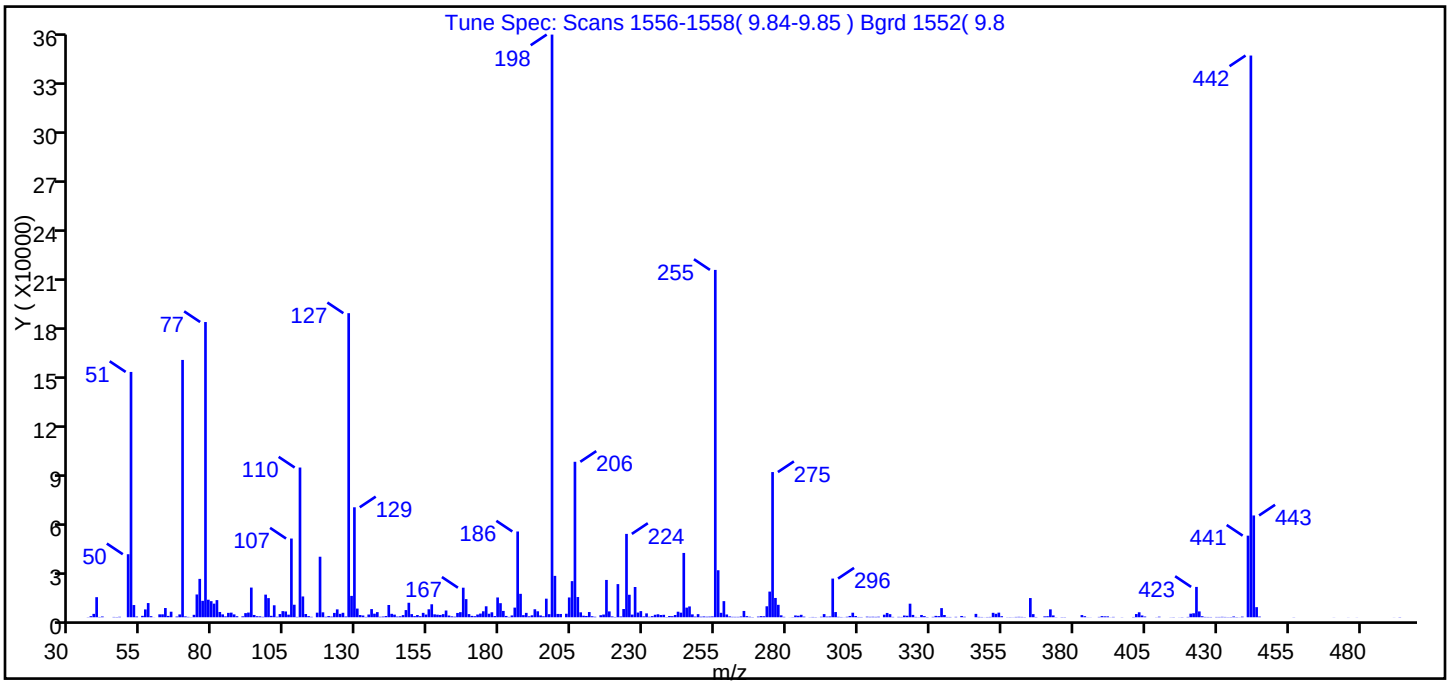
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.484	9.484	0.0	86	446573	0	
148 DFTPP								
158 Benzidine	184	10.773	10.773	0.0	100	2440334	0	
164 4,4'-DDE	246	10.939	10.939	0.0	19	1655	0	
163 4,4'-DDD	235	11.287	11.287	0.0	75	12386	0	
168 4,4'-DDT	235	11.565	11.565	0.0	99	1195358	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130001.D		
Injection Date:	30-Nov-2012 08:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66878	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	42.10
68	Less than 2.00% of mass 69	0.49 (1.10)
69	Present	44.16
70	Less than 2.00% of mass 69	0.15 (0.33)
127	25.00 - 75.00% of mass 198	52.19
197	Less than 1.00% of mass 198	0.53
199	5.00 - 9.00% of mass 198	7.10
275	10.00 - 30.00% of mass 198	24.92
365	Greater than 0.75% of mass 198	3.30
441	Present, but less than mass 443%	14.00 (80.16)
442	40.00 - 110.00% of mass 198	96.40
443	15.00 - 24.00% of mass 442	17.47 (18.12)

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130001.D\8270_hp7.rslt\spectra.d
Injection Date: 30-Nov-2012 08:29:30
Spectrum: Tune Spec: Scans 1556-1558(9.84-9.85) Bgrd 1552(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 366

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	110	137.00	3113	231.00	2359	329.00	159
37.00	661	138.00	301	232.00	330	331.00	248
38.00	2057	139.00	434	233.00	682	332.00	843
39.00	12211	140.00	724	234.00	1519	333.00	697
40.00	188	141.00	7455	235.00	1807	334.00	5564
41.00	463	142.00	2086	236.00	1368	335.00	1359
42.00	12	143.00	1596	237.00	1491	336.00	195
45.00	193	144.00	429	238.00	158	337.00	183
46.00	159	145.00	582	239.00	760	339.00	258
47.00	283	146.00	1305	240.00	642	341.00	778
50.00	38312	147.00	4362	241.00	1364	342.00	314
51.00	149120	148.00	8808	242.00	3371	346.00	2057
52.00	7416	149.00	1899	243.00	2784	347.00	232
53.00	443	150.00	688	244.00	39096	348.00	177
55.00	857	151.00	1359	245.00	5862	349.00	57
56.00	4766	152.00	635	246.00	6585	350.00	172
57.00	8632	153.00	2674	247.00	1758	351.00	213
58.00	638	154.00	1621	248.00	408	352.00	2704
59.00	47	155.00	4850	249.00	1888	353.00	2110
61.00	1765	156.00	7894	250.00	347	354.00	2806
62.00	1789	157.00	1779	251.00	484	355.00	634
63.00	5609	158.00	1574	252.00	335	357.00	89
64.00	820	159.00	1404	253.00	406	358.00	112
65.00	3376	160.00	1892	254.00	507	359.00	73
67.00	434	161.00	4099	255.00	211136	360.00	209
68.00	1723	162.00	1049	256.00	28576	361.00	262
69.00	156416	163.00	559	257.00	2701	362.00	211
70.00	519	164.00	360	258.00	9799	363.00	128
71.00	234	165.00	2619	259.00	1687	365.00	11676
72.00	101	166.00	3096	260.00	526	366.00	1903
73.00	1482	167.00	17968	261.00	267	367.00	178
74.00	13850	168.00	11026	262.00	247	370.00	528
75.00	23328	169.00	1922	263.00	248	371.00	612

Report Date: 03-Dec-2012 10:35:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130001.D\8270_hp7.rslt\spectra.d
Injection Date: 30-Nov-2012 08:29:30
Spectrum: Tune Spec: Scans 1556-1558(9.84-9.85) Bgrd 1552(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 366

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	9997	170.00	838	264.00	462	372.00	4801
77.00	179456	171.00	646	265.00	3842	373.00	1110
78.00	10665	172.00	1659	266.00	660	374.00	96
79.00	9780	173.00	2228	267.00	309	376.00	130
80.00	8270	174.00	3637	268.00	153	377.00	129
81.00	10420	175.00	6669	270.00	400	383.00	1327
82.00	3211	176.00	2129	271.00	695	384.00	640
83.00	1763	177.00	3028	272.00	612	385.00	76
84.00	517	178.00	729	273.00	6676	386.00	66
85.00	2658	179.00	12036	274.00	15601	389.00	212
86.00	2804	180.00	8557	275.00	88256	390.00	702
87.00	1739	181.00	3850	276.00	11730	391.00	544
88.00	619	182.00	795	277.00	7560	392.00	534
90.00	570	183.00	232	278.00	1177	393.00	71
91.00	2516	184.00	1101	279.00	257	394.00	224
92.00	2847	185.00	5861	281.00	46	397.00	90
93.00	18048	186.00	52136	282.00	129	401.00	174
94.00	1398	187.00	14242	283.00	1100	402.00	1943
95.00	633	188.00	1286	284.00	907	403.00	3026
96.00	556	189.00	2667	285.00	1484	404.00	1082
97.00	263	190.00	582	286.00	372	405.00	444
98.00	13752	191.00	1180	288.00	86	409.00	77
99.00	11636	192.00	4854	289.00	188	410.00	344
100.00	874	193.00	3628	290.00	137	414.00	75
101.00	7275	194.00	1112	291.00	30	415.00	122
102.00	301	195.00	565	292.00	298	417.00	61
103.00	1945	196.00	11296	293.00	1923	418.00	129
104.00	3727	197.00	1884	294.00	381	420.00	201
105.00	3530	198.00	354176	295.00	468	421.00	2172
106.00	1575	199.00	25152	296.00	23512	422.00	2420
107.00	47848	200.00	2017	297.00	3158	423.00	18448
108.00	7608	201.00	1998	298.00	264	424.00	3550
109.00	222	203.00	2138	299.00	170	425.00	618
110.00	91016	204.00	12031	300.00	59	426.00	202

Report Date: 03-Dec-2012 10:35:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130001.D\8270_hp7.rslt\spectra.d
Injection Date: 30-Nov-2012 08:29:30
Spectrum: Tune Spec: Scans 1556-1558(9.84-9.85) Bgrd 1552(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 366

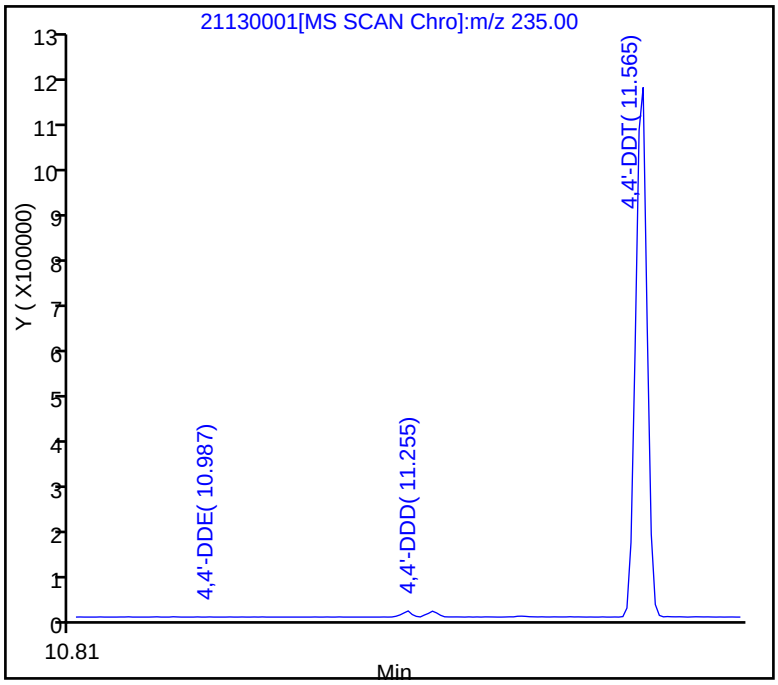
m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.00	12642	205.00	21960	301.00	289	427.00	184
112.00	1970	206.00	94504	302.00	785	428.00	169
113.00	691	207.00	12282	303.00	2759	430.00	192
114.00	275	208.00	3001	304.00	734	431.00	191
116.00	2794	209.00	944	305.00	185	432.00	260
117.00	36792	210.00	782	306.00	169	433.00	191
118.00	3003	211.00	3168	308.00	369	434.00	126
119.00	297	212.00	606	309.00	263	435.00	157
120.00	706	213.00	305	310.00	308	436.00	472
121.00	413	215.00	1256	311.00	249	437.00	156
122.00	2641	216.00	1648	312.00	338	438.00	73
123.00	4799	217.00	22680	314.00	1561	439.00	379
124.00	2061	218.00	3558	315.00	2617	441.00	49600
125.00	2713	219.00	508	316.00	1882	442.00	341440
126.00	452	220.00	183	317.00	217	443.00	61880
127.00	184832	221.00	20152	319.00	246	444.00	6138
128.00	12987	222.00	473	320.00	195	445.00	422
129.00	66848	223.00	5006	321.00	1060	457.00	88
130.00	5269	224.00	50672	322.00	917	471.00	56
131.00	1357	225.00	13672	323.00	8253	476.00	50
132.00	1071	226.00	1618	324.00	1426	479.00	51
133.00	212	227.00	18392	325.00	219	492.00	53
134.00	1669	228.00	2854	326.00	106	494.00	136
135.00	4962	229.00	3736	327.00	1383		
136.00	2170	230.00	518	328.00	681		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130001.D		
Injection Date:	30-Nov-2012 08:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66878	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 = 1195358
163 4,4'-DDD, Area = 12386
164 4,4'-DDE, Area = 1655

%Breakdown: 1.16%, Max Limit: 20.00%
Passed

Report Date: 03-Dec-2012 10:35:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

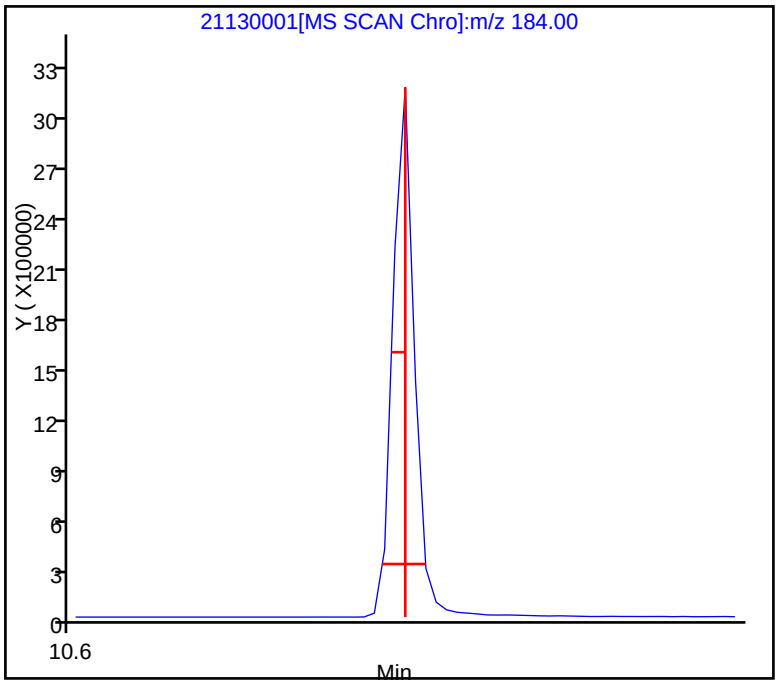
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130001.D

Injection Date:	30-Nov-2012 08:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66878	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 = 0.012 (min.)

Tailing Factor = 0.9, Max. Tailing < 3.00
Passed

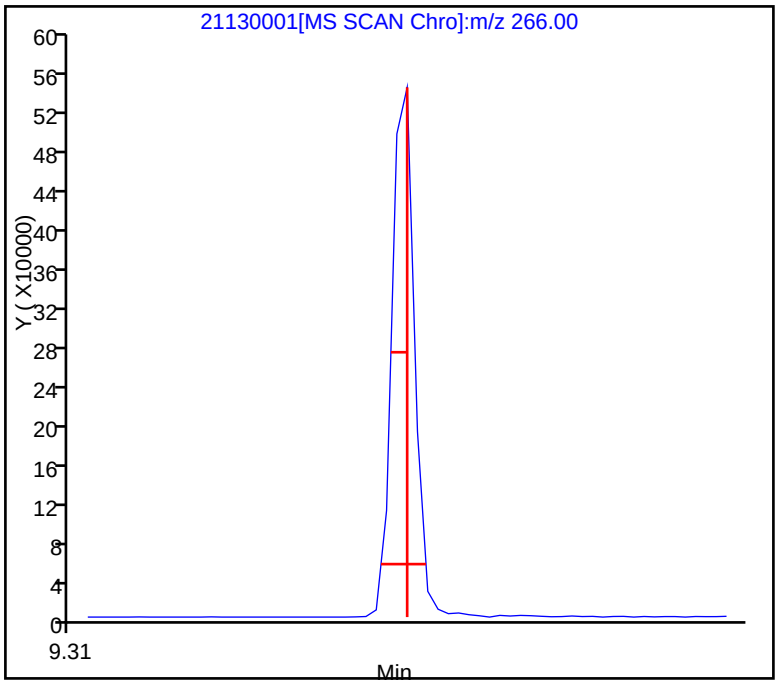
Report Date: 03-Dec-2012 10:35:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130001.D		
Injection Date:	30-Nov-2012 08:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66878	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 = 0.014 (min.)

Tailing Factor = 0.7, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	03-Dec-2012 10:29:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015418-001		
Misc. Info.:	dftpp		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	67052	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\8270_hp7.m		
Last Update:	04-Dec-2012 11:17:45	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:	XAWRK009		
First Level Reviewer: gruberj		Date:	03-Dec-2012 10:52:48

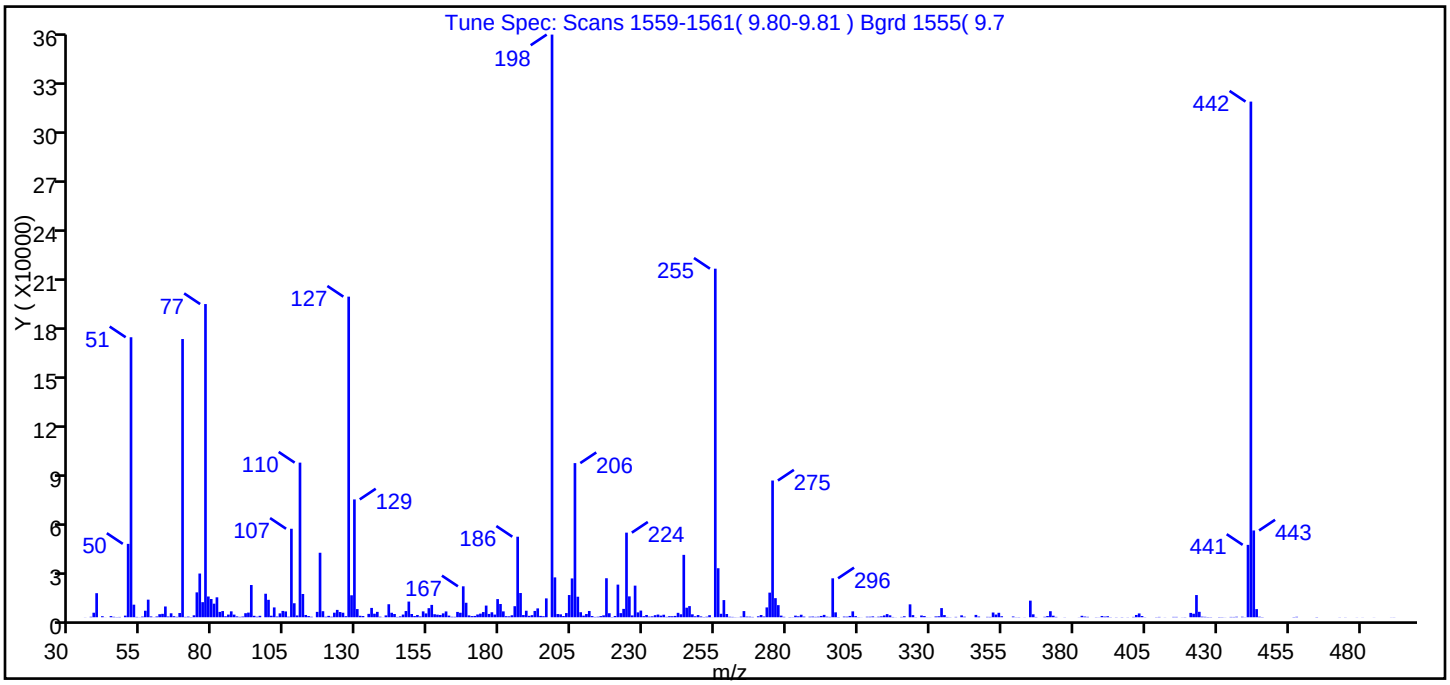
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.445	9.445	0.0	87	466761	0	
148 DFTPP								
158 Benzidine	184	10.739	10.739	0.0	99	2164364	0	
164 4,4'-DDE	246	10.900	10.900	0.0	39	2360	0	
163 4,4'-DDD	235	11.210	11.210	0.0	84	30909	0	
168 4,4'-DDT	235	11.520	11.520	0.0	98	1142241	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203001.D		
Injection Date:	03-Dec-2012 10:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	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	48.06
68	Less than 2.00% of mass 69	0.73 (1.52)
69	Present	47.75
70	Less than 2.00% of mass 69	0.06 (0.13)
127	25.00 - 75.00% of mass 198	55.02
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.84
275	10.00 - 30.00% of mass 198	23.47
365	Greater than 0.75% of mass 198	2.85
441	Present, but less than mass 443%	12.42 (83.41)
442	40.00 - 110.00% of mass 198	88.50
443	15.00 - 24.00% of mass 442	14.90 (16.83)

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203001.D\8270_hp7.rslt\spectra.d
Injection Date: 03-Dec-2012 10:29:30
Spectrum: Tune Spec: Scans 1559-1561(9.80-9.81) Bgrd 1555(9.7
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 369

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	60	134.00	2075	228.00	2991	329.00	64
37.00	293	135.00	5726	229.00	4088	330.00	55
38.00	2781	136.00	2175	230.00	663	332.00	497
39.00	14760	137.00	3305	231.00	1396	333.00	610
41.00	643	138.00	337	232.00	417	334.00	5626
42.00	38	139.00	56	233.00	565	335.00	1327
44.00	722	140.00	1124	234.00	1266	336.00	196
45.00	274	141.00	7985	235.00	1649	337.00	93
46.00	127	142.00	2753	236.00	1006	339.00	233
47.00	196	143.00	1985	237.00	1544	341.00	1175
49.00	996	144.00	224	238.00	257	342.00	356
50.00	45008	145.00	541	239.00	663	346.00	1440
51.00	171712	146.00	1652	240.00	615	347.00	432
52.00	7716	147.00	3814	241.00	827	350.00	244
53.00	221	148.00	9612	242.00	2710	351.00	223
54.00	85	149.00	1995	243.00	1830	352.00	2916
55.00	414	150.00	736	244.00	38264	353.00	1649
56.00	3993	151.00	1399	245.00	5865	354.00	2738
57.00	10789	152.00	480	246.00	6831	355.00	616
58.00	493	153.00	3608	247.00	1803	359.00	468
59.00	71	154.00	2353	248.00	584	360.00	88
60.00	475	155.00	5570	249.00	1355	361.00	123
61.00	1867	156.00	7576	250.00	500	363.00	64
62.00	2093	157.00	1858	251.00	165	365.00	10186
63.00	6610	158.00	1598	252.00	336	366.00	1813
64.00	464	159.00	1407	253.00	1266	367.00	189
65.00	2437	160.00	2388	254.00	53	370.00	290
66.00	637	161.00	3576	255.00	213760	371.00	733
67.00	282	162.00	1020	256.00	30064	372.00	3710
68.00	2597	163.00	303	257.00	2130	373.00	945
69.00	170624	164.00	263	258.00	10526	374.00	228
70.00	227	165.00	3269	259.00	1988	377.00	81
71.00	399	166.00	2767	260.00	303	382.00	69

Report Date: 04-Dec-2012 11:17:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203001.D\8270_hp7.rslt\spectra.d
Injection Date: 03-Dec-2012 10:29:30
Spectrum: Tune Spec: Scans 1559-1561(9.80-9.81) Bgrd 1555(9.7
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 369

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	143	167.00	18976	261.00	224	383.00	891
73.00	1195	168.00	8883	262.00	100	384.00	420
74.00	15269	169.00	1149	263.00	62	385.00	264
75.00	26816	170.00	716	264.00	372	388.00	108
76.00	9257	171.00	818	265.00	3787	389.00	65
77.00	192064	172.00	1700	266.00	394	390.00	778
78.00	12730	173.00	2218	267.00	359	391.00	416
79.00	11180	174.00	3186	268.00	209	392.00	633
80.00	8325	175.00	7167	270.00	583	393.00	108
81.00	12228	176.00	2032	271.00	1375	395.00	102
82.00	3285	177.00	3063	272.00	458	397.00	120
83.00	3803	178.00	1632	273.00	6037	399.00	85
84.00	587	179.00	11145	274.00	15095	401.00	222
85.00	1642	180.00	8123	275.00	83848	402.00	1399
86.00	3630	181.00	3608	276.00	11711	403.00	2340
87.00	1614	182.00	648	277.00	7428	404.00	741
88.00	532	183.00	576	278.00	1002	405.00	102
89.00	257	184.00	1211	279.00	265	409.00	120
90.00	448	185.00	6786	281.00	144	410.00	213
91.00	2486	186.00	49392	282.00	109	412.00	64
92.00	2851	187.00	14859	283.00	994	415.00	231
93.00	19768	188.00	1359	284.00	584	416.00	228
94.00	884	189.00	4004	285.00	1540	418.00	61
95.00	341	190.00	878	286.00	401	419.00	113
96.00	891	191.00	1275	288.00	337	421.00	2663
98.00	14421	192.00	3877	289.00	423	422.00	2158
99.00	10694	193.00	5443	290.00	251	423.00	13621
100.00	940	194.00	843	291.00	366	424.00	3341
101.00	6033	195.00	634	292.00	808	425.00	370
102.00	439	196.00	11571	293.00	1455	426.00	264
103.00	2389	198.00	357312	294.00	366	427.00	158
104.00	3880	199.00	24448	295.00	231	428.00	132
105.00	3573	200.00	1973	296.00	23880	430.00	4
106.00	357	201.00	1787	297.00	3013	431.00	159

Report Date: 04-Dec-2012 11:17:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203001.D\8270_hp7.rslt\spectra.d
Injection Date: 03-Dec-2012 10:29:30
Spectrum: Tune Spec: Scans 1559-1561(9.80-9.81) Bgrd 1555(9.7
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 369

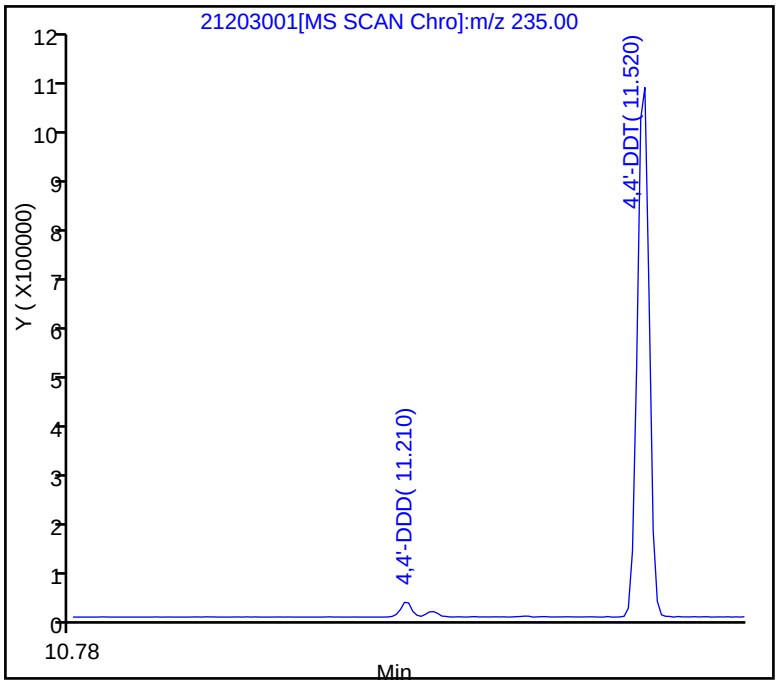
m/z	Y	m/z	Y	m/z	Y	m/z	Y
107.00	54272	202.00	748	298.00	143	432.00	124
108.00	8590	203.00	2581	300.00	411	433.00	55
109.00	1109	204.00	13618	301.00	347	435.00	206
110.00	94824	205.00	23808	302.00	803	436.00	190
111.00	14269	206.00	94528	303.00	3618	437.00	316
112.00	1400	207.00	12589	304.00	675	439.00	315
113.00	732	208.00	3093	305.00	117	440.00	82
114.00	323	209.00	976	306.00	51	441.00	44392
116.00	3303	210.00	1978	308.00	325	442.00	316224
117.00	39560	211.00	3841	309.00	330	443.00	53224
118.00	3714	212.00	730	310.00	519	444.00	4994
119.00	317	213.00	207	311.00	56	445.00	334
120.00	854	214.00	327	312.00	354	446.00	144
121.00	335	215.00	708	313.00	546	457.00	156
122.00	2801	216.00	1155	314.00	1112	458.00	280
123.00	4510	217.00	23928	315.00	1931	465.00	144
124.00	3193	218.00	2465	316.00	1187	473.00	78
125.00	2771	219.00	159	317.00	185	475.00	75
126.00	635	220.00	791	318.00	61	479.00	57
127.00	196608	221.00	20016	320.00	221	481.00	54
128.00	13473	222.00	2522	321.00	600	485.00	54
129.00	72264	223.00	5134	323.00	7920	491.00	57
130.00	5022	224.00	51888	324.00	1303	492.00	74
131.00	903	225.00	12804	325.00	98		
132.00	750	226.00	1123	327.00	1079		
133.00	15	227.00	19392	328.00	728		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203001.D		
Injection Date:	03-Dec-2012 10:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	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 = 1142241
163 4,4'-DDD, Area = 30909
164 4,4'-DDE, Area = 2360

%Breakdown: 2.83%, Max Limit: 20.00%
Passed

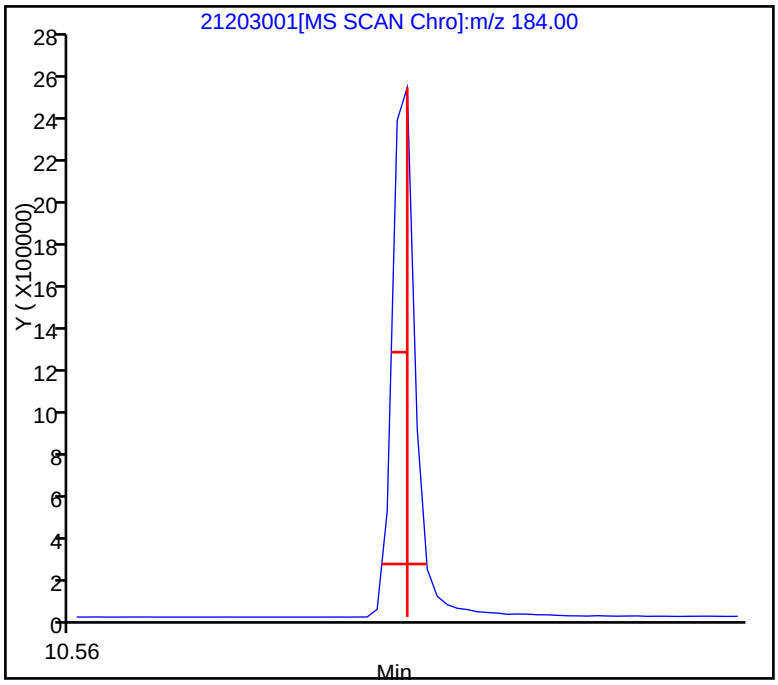
Report Date: 04-Dec-2012 11:17:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203001.D		
Injection Date:	03-Dec-2012 10:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	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 = 0.8, Max. Tailing < 3.00
Passed

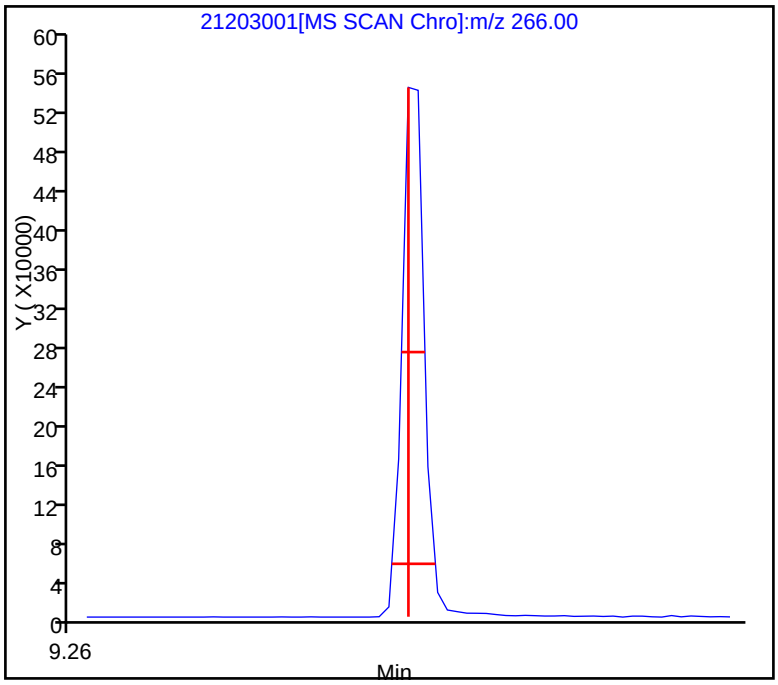
Report Date: 04-Dec-2012 11:17:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203001.D		
Injection Date:	03-Dec-2012 10:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	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 = 0.015 (min.)
Front Width = 0.009 (min.)

Tailing Factor = 1.6, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	04-Dec-2012 08:58:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015502-001		
Misc. Info.:	dftpp		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	67225	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121204-15502.b\8270_hp7.m		
Last Update:	04-Dec-2012 12:56:02	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:	XAWRK009		

First Level Reviewer: gruberj Date: 04-Dec-2012 09:33:51

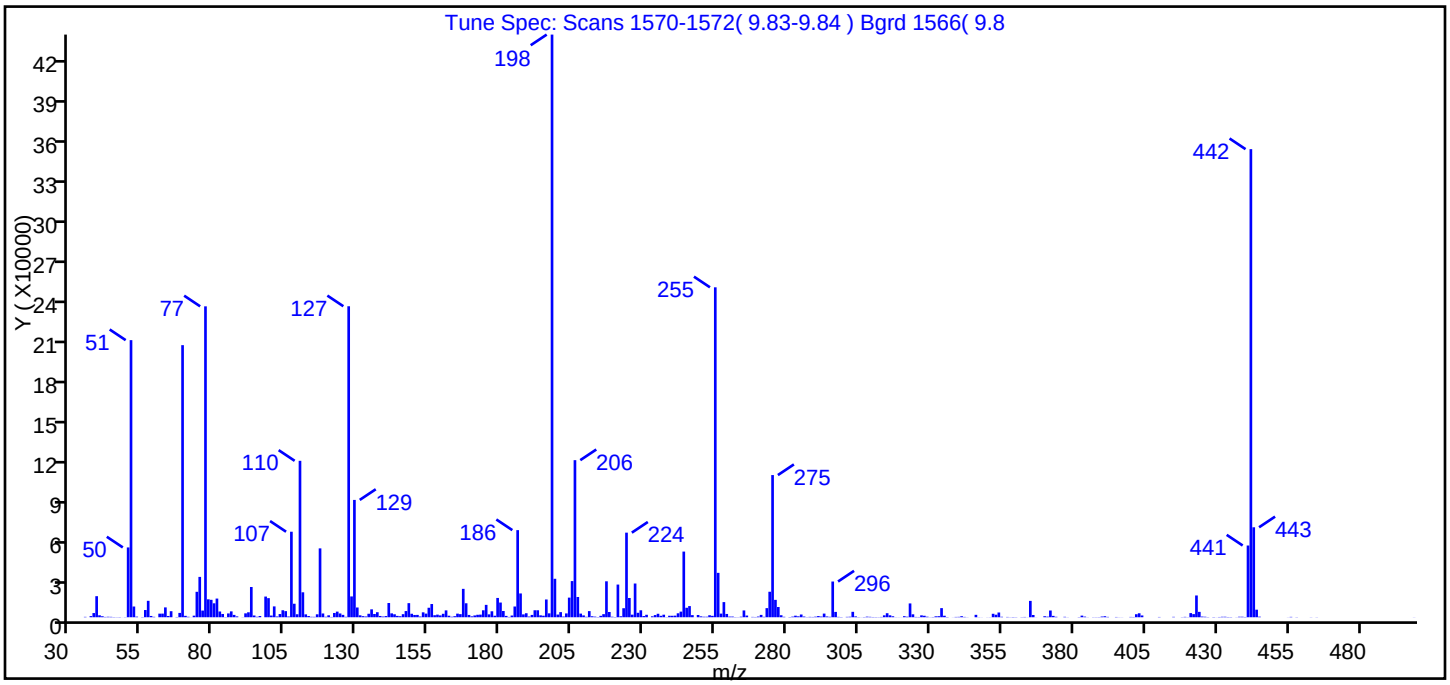
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.476	9.476	0.0	89	551672	0	
148 DFTPP								
158 Benzidine	184	10.765	10.765	0.0	100	2491681	0	
164 4,4'-DDE	246	10.925	10.925	0.0	37	2554	0	
163 4,4'-DDD	235	11.246	11.246	0.0	77	11789	0	
168 4,4'-DDT	235	11.551	11.551	0.0	98	1442329	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204001.D		
Injection Date:	04-Dec-2012 08:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67225	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	47.56
68	Less than 2.00% of mass 69	0.75 (1.60)
69	Present	46.70
70	Less than 2.00% of mass 69	0.24 (0.52)
127	25.00 - 75.00% of mass 198	53.38
197	Less than 1.00% of mass 198	0.67
199	5.00 - 9.00% of mass 198	6.60
275	10.00 - 30.00% of mass 198	24.40
365	Greater than 0.75% of mass 198	2.81
441	Present, but less than mass 443%	12.31 (79.74)
442	40.00 - 110.00% of mass 198	80.34
443	15.00 - 24.00% of mass 442	15.44 (19.22)

Report Date: 04-Dec-2012 12:56:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204001.D\8270_hp7.rslt\spectra.d
Injection Date: 04-Dec-2012 08:58:30
Spectrum: Tune Spec: Scans 1570-1572(9.83-9.84) Bgrd 1566(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 376

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	297	135.00	5863	229.00	5158	327.00	1415
37.00	864	136.00	2421	230.00	894	328.00	1114
38.00	3103	137.00	3722	231.00	1828	329.00	411
39.00	15603	138.00	954	233.00	705	330.00	96
40.00	1458	139.00	533	234.00	1613	331.00	198
41.00	748	140.00	875	235.00	2581	332.00	687
42.00	244	141.00	10542	236.00	1078	333.00	785
43.00	366	142.00	2880	237.00	1891	334.00	6761
44.00	301	143.00	2196	238.00	133	335.00	1113
45.00	163	144.00	1018	239.00	1110	336.00	197
46.00	119	145.00	749	240.00	1093	338.00	53
47.00	166	146.00	2273	241.00	1190	339.00	249
48.00	26	147.00	4585	242.00	2936	340.00	294
49.00	117	148.00	10442	243.00	4170	341.00	781
50.00	51688	149.00	2589	244.00	48616	342.00	261
51.00	205120	150.00	1695	245.00	7029	343.00	81
52.00	7948	151.00	1745	246.00	8265	346.00	1792
53.00	466	152.00	534	247.00	1567	347.00	95
55.00	177	153.00	3650	248.00	24	348.00	56
56.00	5346	154.00	2691	249.00	1679	350.00	64
57.00	12171	155.00	7032	250.00	657	351.00	90
58.00	959	156.00	9796	251.00	386	352.00	2574
59.00	317	157.00	1509	252.00	385	353.00	1879
61.00	2663	158.00	1938	253.00	1480	354.00	3515
62.00	2703	159.00	1380	254.00	1055	355.00	354
63.00	7293	160.00	2565	255.00	244224	357.00	233
64.00	950	161.00	5085	256.00	32864	358.00	104
65.00	4484	162.00	1136	257.00	2705	359.00	187
67.00	202	163.00	385	258.00	11210	360.00	134
68.00	3215	164.00	791	259.00	2451	362.00	142
69.00	201408	165.00	2677	260.00	505	363.00	227
70.00	1056	166.00	2302	261.00	510	364.00	62
71.00	347	167.00	21024	262.00	152	365.00	12115

Report Date: 04-Dec-2012 12:56:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204001.D\8270_hp7.rslt\spectra.d
Injection Date: 04-Dec-2012 08:58:30
Spectrum: Tune Spec: Scans 1570-1572(9.83-9.84) Bgrd 1566(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 376

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	57	168.00	10352	263.00	117	366.00	1677
73.00	1171	169.00	1713	264.00	407	367.00	51
74.00	18840	170.00	684	265.00	5050	370.00	750
75.00	29872	171.00	1340	266.00	1261	371.00	454
76.00	4954	172.00	1834	268.00	265	372.00	4988
77.00	230144	173.00	1949	269.00	209	373.00	1019
78.00	13278	174.00	5161	270.00	515	374.00	347
79.00	12912	175.00	9168	271.00	1749	377.00	321
80.00	10326	176.00	2138	272.00	319	378.00	82
81.00	13830	177.00	4423	273.00	6748	382.00	168
82.00	4268	178.00	1122	274.00	18880	383.00	1210
83.00	2428	179.00	14293	275.00	105248	384.00	474
84.00	157	180.00	10887	276.00	12878	385.00	81
85.00	2818	181.00	4618	277.00	7574	387.00	114
86.00	4359	182.00	1003	278.00	1489	388.00	121
87.00	1745	183.00	241	279.00	337	389.00	149
88.00	640	184.00	1273	281.00	188	390.00	523
90.00	89	185.00	7960	282.00	471	391.00	766
91.00	2892	186.00	64488	283.00	1162	392.00	278
92.00	3666	187.00	17624	284.00	680	395.00	216
93.00	22392	188.00	2130	285.00	2035	396.00	75
94.00	1298	189.00	2978	286.00	529	397.00	66
95.00	354	190.00	541	287.00	135	400.00	245
96.00	925	191.00	1724	288.00	291	401.00	211
98.00	15320	192.00	5180	289.00	229	402.00	2242
99.00	14149	193.00	5168	290.00	442	403.00	2950
100.00	1259	194.00	1421	291.00	870	404.00	1323
101.00	8037	195.00	1142	292.00	511	410.00	219
102.00	573	196.00	13162	293.00	2709	415.00	307
103.00	2383	197.00	2899	294.00	578	418.00	126
104.00	5184	198.00	431296	295.00	334	419.00	290
105.00	4533	199.00	28480	296.00	26448	420.00	106
106.00	556	200.00	1987	297.00	3956	421.00	3067
107.00	63312	201.00	3798	298.00	284	422.00	2326

Report Date: 04-Dec-2012 12:56:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204001.D\8270_hp7.rslt\spectra.d
Injection Date: 04-Dec-2012 08:58:30
Spectrum: Tune Spec: Scans 1570-1572(9.83-9.84) Bgrd 1566(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 376

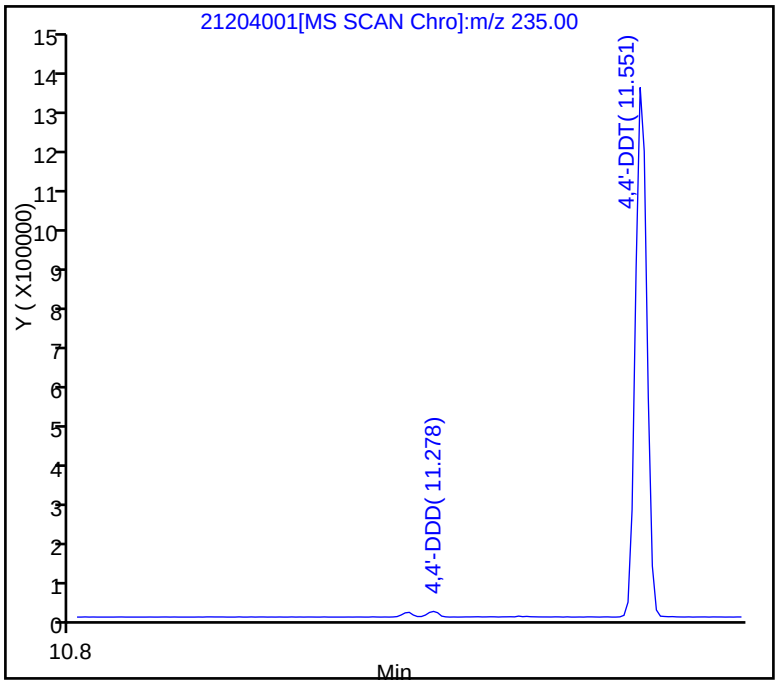
m/z	Y	m/z	Y	m/z	Y	m/z	Y
108.00	10007	202.00	516	299.00	174	423.00	16129
109.00	2218	203.00	2843	301.00	292	424.00	3993
110.00	115800	204.00	14531	302.00	380	425.00	507
111.00	18472	205.00	26776	303.00	4023	426.00	374
112.00	2147	206.00	116280	304.00	627	427.00	150
113.00	919	207.00	14998	305.00	154	429.00	174
114.00	351	208.00	2700	306.00	61	430.00	50
115.00	316	209.00	1374	307.00	179	431.00	205
116.00	2173	210.00	348	308.00	442	432.00	347
117.00	50984	211.00	4552	309.00	320	433.00	365
118.00	2795	212.00	731	310.00	198	434.00	194
119.00	368	213.00	460	311.00	168	435.00	164
120.00	1441	214.00	184	312.00	134	437.00	80
121.00	224	215.00	1063	313.00	246	438.00	388
122.00	3166	216.00	2289	314.00	1422	439.00	384
123.00	4171	217.00	26616	315.00	2988	440.00	207
124.00	2809	218.00	3887	316.00	1446	441.00	53104
125.00	1767	219.00	396	317.00	745	442.00	346496
126.00	326	220.00	187	318.00	87	443.00	66600
127.00	230208	221.00	24200	319.00	71	444.00	5606
128.00	15412	222.00	722	320.00	55	445.00	437
129.00	86856	223.00	6683	321.00	787	455.00	62
130.00	7224	224.00	62624	322.00	406	456.00	284
131.00	1438	225.00	14261	323.00	10233	458.00	122
132.00	819	226.00	1916	324.00	2180	463.00	91
133.00	563	227.00	24976	325.00	240	465.00	93
134.00	2586	228.00	3307	326.00	206	499.00	68

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204001.D		
Injection Date:	04-Dec-2012 08:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67225	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 = 1442329
163 4,4'-DDD, Area = 11789
164 4,4'-DDE, Area = 2554

%Breakdown: 0.98%, Max Limit: 20.00%
Passed

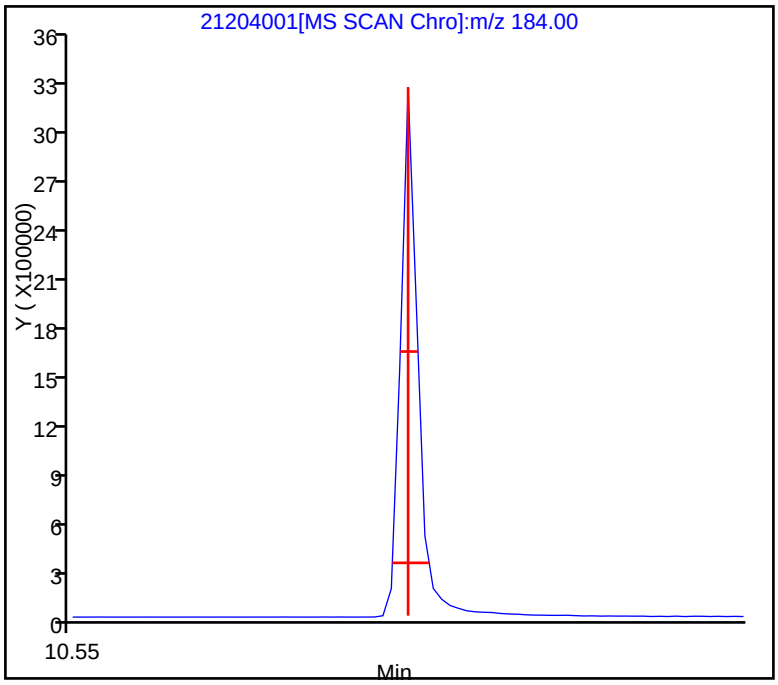
Report Date: 04-Dec-2012 12:56:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204001.D		
Injection Date:	04-Dec-2012 08:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67225	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 = 0.010 (min.)

Tailing Factor = 1.3, Max. Tailing < 3.00
Passed

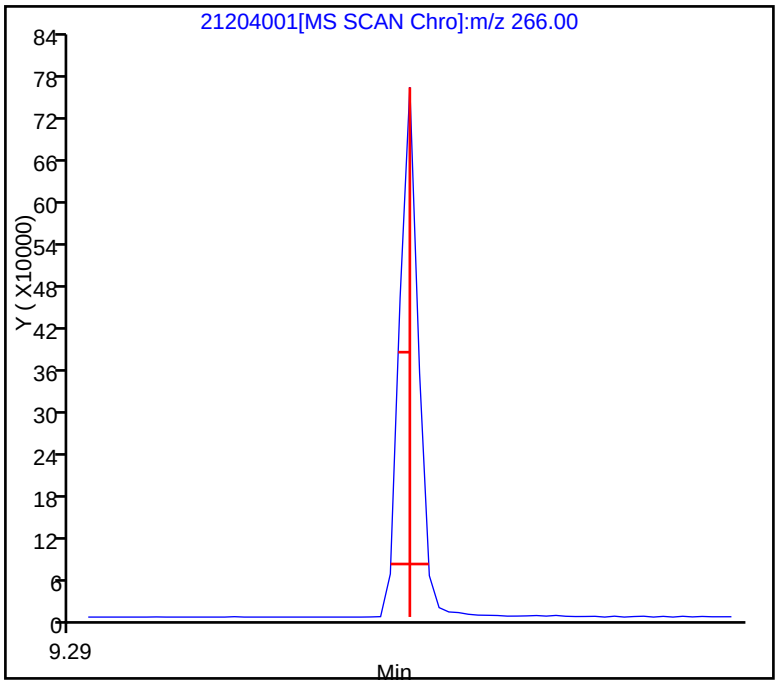
Report Date: 04-Dec-2012 12:56:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204001.D		
Injection Date:	04-Dec-2012 08:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67225	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 = 1.0, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	05-Dec-2012 09:10:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015541-001		
Misc. Info.:	dftpp		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	67390	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m		
Last Update:	06-Dec-2012 08:50:11	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:	XAWRK028		
First Level Reviewer: gruberj		Date:	05-Dec-2012 09:59:12

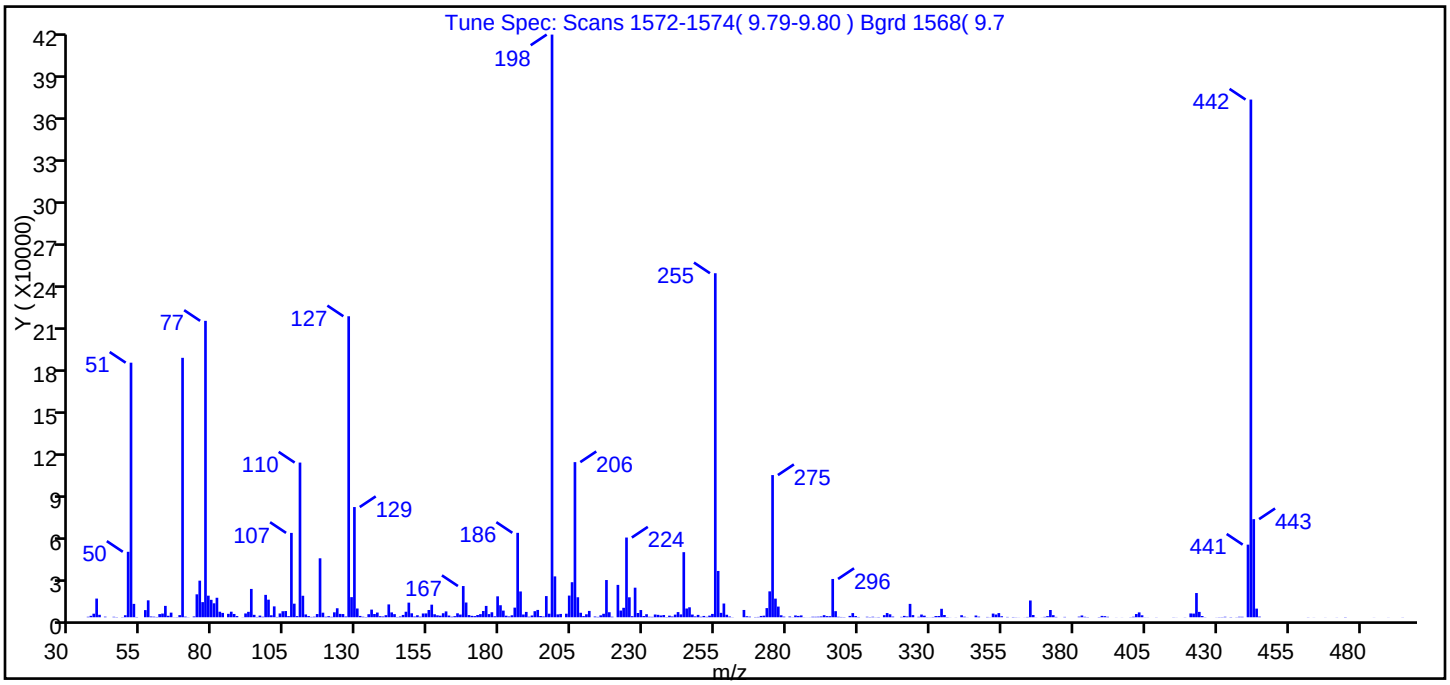
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.431	9.431	0.0	87	498436	0	
148 DFTPP								
158 Benzidine	184	10.720	10.720	0.0	99	2733343	0	
164 4,4'-DDE	246	10.881	10.881	0.0	49	2299	0	
163 4,4'-DDD	235	11.228	11.228	0.0	65	13666	0	
168 4,4'-DDT	235	11.496	11.496	0.0	98	1299632	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205001.D		
Injection Date:	05-Dec-2012 09:10:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	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	43.69
68	Less than 2.00% of mass 69	0.36 (0.82)
69	Present	44.53
70	Less than 2.00% of mass 69	0.11 (0.24)
127	25.00 - 75.00% of mass 198	51.66
197	Less than 1.00% of mass 198	0.61
199	5.00 - 9.00% of mass 198	7.01
275	10.00 - 30.00% of mass 198	24.40
365	Greater than 0.75% of mass 198	2.88
441	Present, but less than mass 443%	12.46 (74.01)
442	40.00 - 110.00% of mass 198	88.85
443	15.00 - 24.00% of mass 442	16.84 (18.95)

Report Date: 06-Dec-2012 08:50:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205001.D\8270_hp7.rslt\spectra.d
Injection Date: 05-Dec-2012 09:10:30
Spectrum: Tune Spec: Scans 1572-1574(9.79-9.80) Bgrd 1568(9.7
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 356

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	342	134.00	2172	226.00	764	325.00	20
37.00	1022	135.00	5441	227.00	21032	326.00	326
38.00	2524	136.00	2308	228.00	3023	327.00	1923
39.00	13287	137.00	3343	229.00	5132	328.00	1121
40.00	1755	138.00	754	230.00	863	329.00	118
42.00	416	139.00	568	231.00	2157	330.00	78
45.00	327	140.00	1456	232.00	374	331.00	199
46.00	161	141.00	9139	233.00	302	332.00	862
48.00	146	142.00	3454	234.00	1961	333.00	904
49.00	1427	143.00	2209	235.00	1722	334.00	6019
50.00	46552	144.00	222	236.00	1270	335.00	1596
51.00	181056	145.00	551	237.00	1568	336.00	180
52.00	9520	146.00	1649	238.00	173	337.00	53
53.00	193	147.00	3914	239.00	1134	339.00	64
56.00	5086	148.00	10398	240.00	542	341.00	1451
57.00	12040	149.00	2820	241.00	1874	342.00	400
58.00	529	150.00	526	242.00	3673	343.00	68
59.00	415	151.00	1427	243.00	2035	346.00	1239
60.00	221	152.00	394	244.00	46288	347.00	427
61.00	2247	153.00	2684	245.00	6219	350.00	222
62.00	2629	154.00	2720	246.00	7083	351.00	85
63.00	8090	155.00	5164	247.00	1924	352.00	2617
64.00	1049	156.00	8948	248.00	600	353.00	1950
65.00	3283	157.00	2130	249.00	1687	354.00	2969
66.00	94	158.00	1386	250.00	362	355.00	720
67.00	141	159.00	1116	251.00	935	357.00	232
68.00	1509	160.00	2859	252.00	317	359.00	188
69.00	184512	161.00	4167	253.00	1171	360.00	100
70.00	440	162.00	1233	254.00	2375	361.00	54
71.00	102	163.00	398	255.00	244672	363.00	56
73.00	568	164.00	779	256.00	32936	364.00	227
74.00	16313	165.00	2825	257.00	3127	365.00	11925
75.00	26032	166.00	1910	258.00	9771	366.00	1581

Report Date: 06-Dec-2012 08:50:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205001.D\8270_hp7.rslt\spectra.d
Injection Date: 05-Dec-2012 09:10:30
Spectrum: Tune Spec: Scans 1572-1574(9.79-9.80) Bgrd 1568(9.7
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 356

m/z	Y	m/z	Y	m/z	Y	m/z	Y
76.00	10768	167.00	22200	259.00	1779	367.00	69
77.00	210816	168.00	10485	260.00	539	369.00	57
78.00	15351	169.00	1554	261.00	112	370.00	291
79.00	12403	170.00	1011	265.00	5190	371.00	790
80.00	9921	171.00	821	266.00	717	372.00	5157
81.00	13865	172.00	1587	267.00	432	373.00	1486
82.00	3931	173.00	2222	269.00	191	374.00	248
83.00	3090	174.00	4451	270.00	235	377.00	256
85.00	2433	175.00	8064	271.00	949	382.00	437
86.00	3956	176.00	2249	272.00	1128	383.00	1265
87.00	2339	177.00	3565	273.00	6509	384.00	327
88.00	838	178.00	686	274.00	18424	385.00	162
90.00	84	179.00	14893	275.00	101120	389.00	182
91.00	2702	180.00	8544	276.00	13256	390.00	975
92.00	3854	181.00	4730	277.00	7590	391.00	776
93.00	20144	182.00	1101	278.00	1416	392.00	339
94.00	1727	183.00	592	279.00	438	395.00	58
95.00	233	184.00	1393	281.00	525	397.00	52
96.00	1189	185.00	6844	282.00	109	400.00	120
97.00	367	186.00	60040	283.00	1294	401.00	374
98.00	15921	187.00	18352	284.00	947	402.00	2279
99.00	12505	188.00	1968	285.00	1306	403.00	3458
100.00	1406	189.00	3800	286.00	100	404.00	1383
101.00	7738	190.00	403	287.00	53	405.00	70
102.00	225	191.00	1258	288.00	68	406.00	58
103.00	2697	192.00	4324	289.00	365	409.00	89
104.00	4289	193.00	5211	290.00	344	415.00	105
105.00	4412	194.00	875	291.00	410	416.00	54
106.00	793	195.00	536	292.00	569	419.00	92
107.00	60000	196.00	15064	293.00	1481	421.00	2703
108.00	9656	197.00	2520	294.00	815	422.00	2608
109.00	817	198.00	414400	295.00	740	423.00	17224
110.00	110016	199.00	29064	296.00	27232	424.00	3814
111.00	15289	200.00	2054	297.00	4329	425.00	869

Report Date: 06-Dec-2012 08:50:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205001.D\8270_hp7.rslt\spectra.d
Injection Date: 05-Dec-2012 09:10:30
Spectrum: Tune Spec: Scans 1572-1574(9.79-9.80) Bgrd 1568(9.7
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 356

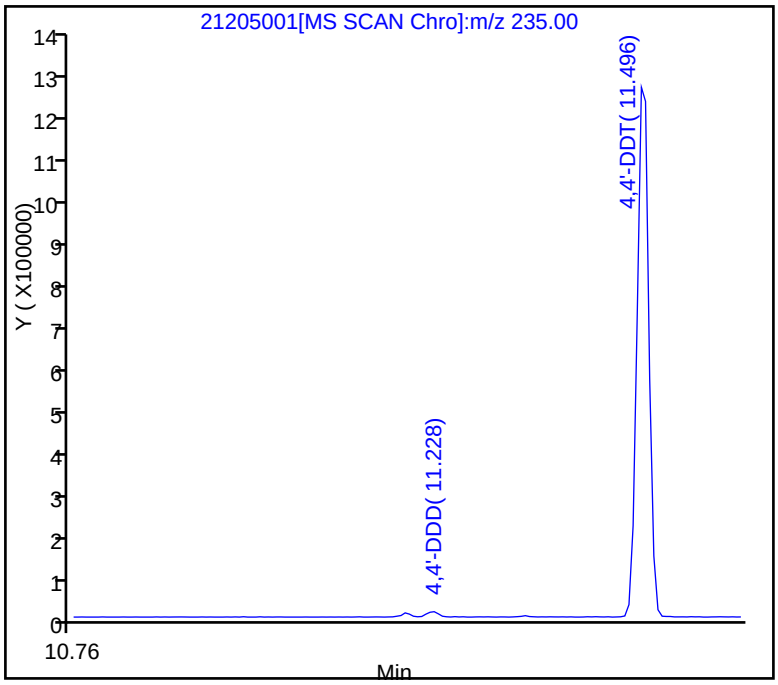
m/z	Y	m/z	Y	m/z	Y	m/z	Y
112.00	2015	201.00	2363	298.00	345	426.00	108
113.00	852	203.00	2526	299.00	205	430.00	72
114.00	273	204.00	15417	300.00	163	431.00	137
115.00	413	205.00	24920	302.00	958	432.00	148
116.00	2279	206.00	110328	303.00	2964	433.00	347
117.00	41936	207.00	14220	304.00	849	435.00	185
118.00	3240	208.00	3195	305.00	215	437.00	110
119.00	374	209.00	820	308.00	358	438.00	361
120.00	765	210.00	2117	309.00	170	439.00	330
121.00	313	211.00	4504	310.00	360	441.00	51648
122.00	3511	213.00	532	311.00	85	442.00	368192
123.00	6407	214.00	264	312.00	194	443.00	69784
124.00	2390	215.00	1374	313.00	20	444.00	6146
125.00	2282	216.00	2480	314.00	1492	445.00	459
126.00	522	217.00	26472	315.00	2997	462.00	96
127.00	214080	218.00	3570	316.00	2112	464.00	54
128.00	14302	219.00	387	317.00	479	468.00	56
129.00	78384	221.00	23016	320.00	291	472.00	68
130.00	6228	222.00	4763	321.00	975	475.00	168
131.00	949	223.00	6727	322.00	537	485.00	57
132.00	382	224.00	56696	323.00	9512	490.00	53
133.00	187	225.00	14202	324.00	1521	495.00	85

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205001.D		
Injection Date:	05-Dec-2012 09:10:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	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 = 1299632
163 4,4'-DDD, Area = 13666
164 4,4'-DDE, Area = 2299

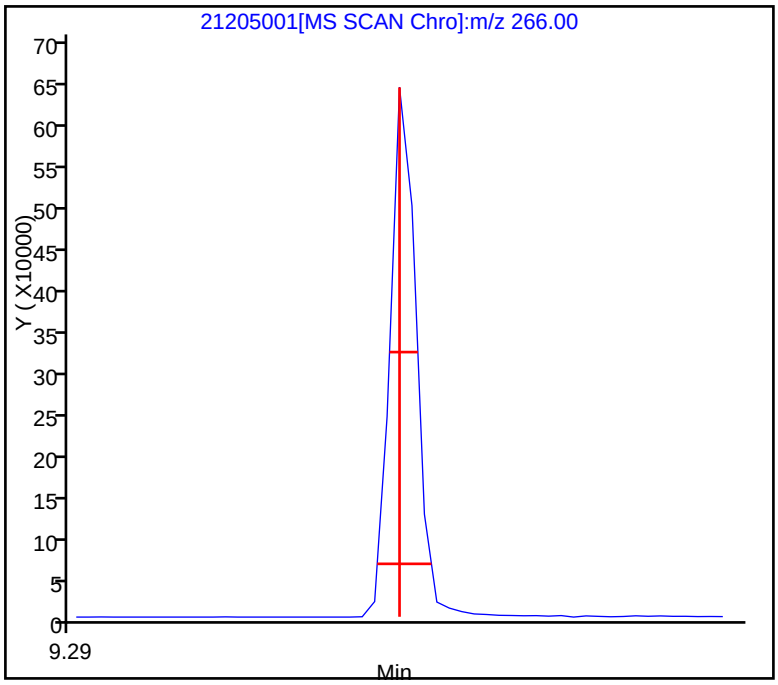
%Breakdown: 1.21%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205001.D		
Injection Date:	05-Dec-2012 09:10:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	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 = 0.014 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.4, Max. Tailing < 5.00
Passed

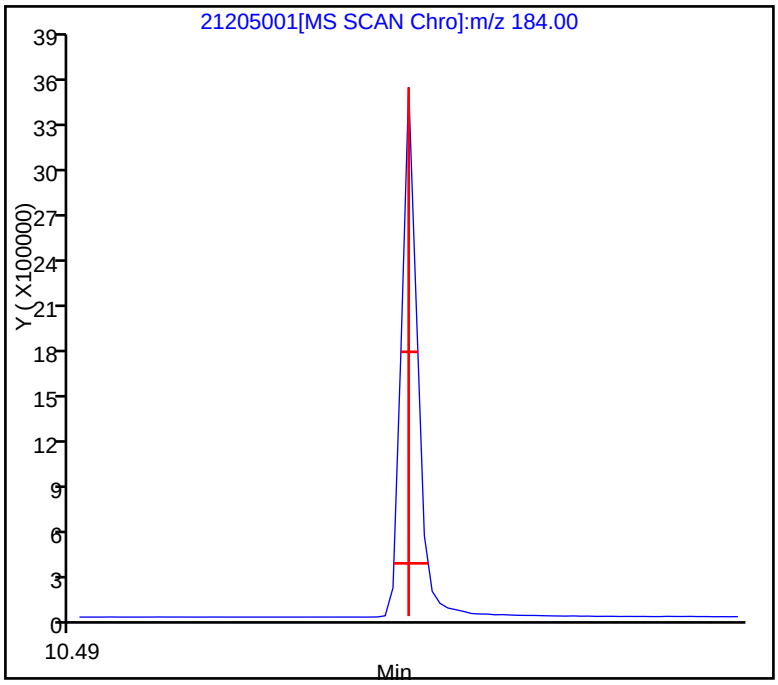
Report Date: 06-Dec-2012 08:50:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205001.D		
Injection Date:	05-Dec-2012 09:10:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	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 = 0.010 (min.)

Tailing Factor = 1.3, Max. Tailing < 3.00
Passed

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-66227/23-A

Matrix: Solid | Lab File ID: 21205004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.00(g) | Date Analyzed: 12/05/2012 10:19

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.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	21.0	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-66227/23-A

Matrix: Solid | Lab File ID: 21205004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.00(g) | Date Analyzed: 12/05/2012 10:19

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.: 67390 | 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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-66227/23-A

Matrix: Solid | Lab File ID: 21205004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.00(g) | Date Analyzed: 12/05/2012 10:19

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.: 67390 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	61		45-105
367-12-4	2-Fluorophenol (Surr)	63		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	67		35-100
4165-62-2	Phenol-d5 (Surr)	67		40-100
1718-51-0	Terphenyl-d14 (Surr)	78		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	59		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205004.D
Lims ID: MB 240-66227/23-A Client ID:
Inject. Date: 05-Dec-2012 10:19:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015541-004
Misc. Info.: mb 240-66227/23-a
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 67390 Lims Sample ID: 4
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m
Last Update: 06-Dec-2012 08:49:41 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: XAWRK028

First Level Reviewer: gruberj Date: 05-Dec-2012 10:47:29

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.730	5.730	0.0	96	150004	4.00	
* 2 Naphthalene-d8	136	6.858	6.859	-0.001	99	569528	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	91	336883	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	98	569498	4.00	
* 5 Chrysene-d12	240	12.057	12.057	0.0	95	561074	4.00	
* 6 Perylene-d12	264	14.036	14.036	0.0	95	422888	4.00	
$ 7 2-Fluorophenol	112	4.452	4.430	0.022	93	435028	9.38	
$ 8 Phenol-d5	99	5.382	5.382	0.0	97	592208	10.1	
$ 9 Nitrobenzene-d5	82	6.227	6.227	0.0	88	335865	6.71	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	100	671738	6.15	
$ 11 2,4,6-Tribromophenol	330	9.014	9.014	0.0	93	124021	8.90	
$ 12 Terphenyl-d14	244	10.934	10.934	0.0	98	815644	7.85	
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
24 1,4-Dioxane	88		2.023					
25 N-Nitrosodimethylamine	74		2.462					
26 Pyridine	79		2.494					9
27 Ethyl methacrylate	69		3.248					9
232 1-Methyl-2-pyrrilidinone	99	3.328	3.271	0.057	0	282	0	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54		3.703					
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66		4.115					9
33 Acrylamide	71	4.371	4.349	0.022	1	103	0	
34 Methyl methanesulfonate	80		4.451					9
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.532	4.536	-0.004	0	1216	0	
35 N-Nitrosodiethylamine	102		4.868					9
36 Ethyl methanesulfonate	79		5.162					9
40 Benzaldehyde	77		5.324					9
37 2-Methylcyclohexanone	68	5.382	5.376	0.006	25	14107	0	
41 Phenol	94		5.393					9
38 3-Methylcyclohexanone	69	5.414	5.414	0.0	1	1701	0	
43 Aniline	93		5.425					9
39 4-Methylcyclohexanone	55	5.521	5.462	0.059	18	5287	0	
42 Phenylmercaptan	110		5.473					
44 Bis(2-chloroethyl)ether	93		5.484					9
46 2-Chlorophenol	128		5.532					9
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146		5.677					
48 1,4-Dichlorobenzene	146		5.746					
49 Benzyl alcohol	108		5.853					9
50 1,2-Dichlorobenzene	146		5.885					9
51 2-Methylphenol	108		5.944					9
52 2,2'-oxybis[1-chloropropane]	45		5.976					9
53 Indene	115		6.066					
191 3 & 4 Methylphenol	108		6.078					
57 Acetophenone	105		6.088					9
56 N-Nitrosodi-n-propylamine	70		6.088					
60 Hexachloroethane	117		6.190					
55 N-Nitrosopyrrolidine	100		6.216					
61 Nitrobenzene	77		6.243					
58 N-Nitrosomorpholine	56		6.248					
59 2-Toluidine	106		6.269					9
63 Isophorone	82		6.452					9
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139		6.522					
66 1,3,5-Trichlorobenzene	180		6.532					
64 2,4-Dimethylphenol	107		6.548					
69 Benzoic acid	122		6.618					
68 Bis(2-chloroethoxy)methane	93		6.634					
71 2,4-Dichlorophenol	162		6.730					
67 o,o',o''-Triethylphosphorothioat	198		6.740					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180		6.805					
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128		6.875					
74 4-Chloroaniline	127		6.912					
77 Hexachlorobutadiene	225		6.976					
78 1,2,3-Trichlorobenzene	180		6.998					
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					
79 Benzothiazole	135		7.195					
83 Caprolactam	113		7.201					9
80 Quinoline	129		7.259					
84 4-Chloro-3-methylphenol	107		7.313					
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					
85 2-Methylnaphthalene	142		7.468					
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142		7.549					
87 1,2,3,5-Tetrachlorobenzene	216		7.591					
88 Hexachlorocyclopentadiene	237		7.597					
90 2,4,6-Trichlorophenol	196		7.698					
91 2,4,5-Trichlorophenol	196		7.730					
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					149
94 2,4-Toluene diamine	121		7.843					9
96 1,2,3,4 -Tetrachlorobenzene	216		7.848					9
95 1,1'-Biphenyl	154		7.859					
98 2-Chloronaphthalene	162		7.880					
100 2-Nitroaniline	65		7.955					
227 Isosafrole Peak 2	162		7.960					19
97 3,4-Dichloronitrobenzene	109		7.986					
99 Phenyl ether	170		8.040					
103 Dimethyl phthalate	163		8.099					9
105 2,6-Dinitrotoluene	165		8.158					9
101 1,4-Naphthoquinone	158		8.168					
106 1,2-Dinitrobenzene	168		8.206					
102 1,4-Dinitrobenzene	168		8.211					
107 Acenaphthylene	152		8.233					
104 1,3-Dinitrobenzene	168		8.275					
108 3-Nitroaniline	138		8.303					
110 Acenaphthene	153		8.378					
109 2,4-Dinitrophenol	184		8.388					
111 4-Nitrophenol	109		8.426					9
112 2,4-Dinitrotoluene	165		8.495					
114 Dibenzofuran	168		8.522					
115 2,3,5,6-Tetrachlorophenol	232		8.581					
113 Pentachlorobenzene	250		8.633					
119 Diethyl phthalate	149		8.688					9
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					
121 4-Chlorophenyl phenyl ether	204		8.800					
124 Fluorene	166		8.811					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138		8.816					
126 4,6-Dinitro-2-methylphenol	198		8.838					
130 N-Nitrosodiphenylamine	169		8.896					
120 Thionazin	97		8.901					
131 Azobenzene	77		8.934					
129 1,2-Diphenylhydrazine	77		8.934					
122 N-Nitro-o-toluidine	152		8.954					9
125 Tributyl phosphate	99		8.992					
128 Diphenylamine	169		9.040					9
132 Sulfotepp	202		9.152					
137 4-Bromophenyl phenyl ether	248		9.212					
133 1,3,5-Trinitrobenzene	213		9.238					
139 Hexachlorobenzene	284		9.271					
228 Diallate Peak 1	86		9.275					1
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
140 Atrazine	200		9.330					
230 Diallate Peak 2	86		9.356					14
138 Dimethoate	87		9.430					
141 Pentachlorophenol	266		9.431					
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
146 Phenanthrene	178		9.624					9
147 Anthracene	178		9.667					9
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					
149 Carbazole	167		9.795					
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149		10.057					
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
157 Fluoranthene	202		10.624					9
156 Isodrin	66		10.655					
158 Benzidine	184		10.720					9
160 Pyrene	202		10.822					
164 4,4'-DDE	246		10.881					
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
163 4,4'-DDD	235		11.228					9
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
166 Butyl benzyl phthalate	149		11.389					9
168 4,4'-DDT	235		11.496					9
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244		11.961					
173 3,3'-Dichlorobenzidine	252		11.999					
172 4,4'-Methylene bis(2-chloroanili	231		11.999					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
171 Bis(2-ethylhexyl) phthalate	149	12.020	12.020	0.0	76	12750	0.3155	
175 Benzo[a]anthracene	228		12.041					9
176 Chrysene	228		12.090					9
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149		12.881					9
180 Benzo[b]fluoranthene	252		13.475					
181 Benzo[k]fluoranthene	252		13.518					
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252		13.951					9
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					
186 Indeno[1,2,3-cd]pyrene	276		15.630					
187 Dibenz(a,h)anthracene	278		15.657					
188 Benzo[g,h,i]perylene	276		16.031					
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	3.125	3.050	0.075	1	214	0	
T 194 Octadecane (TIC)	254	6.409	6.300	0.109	1	61	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

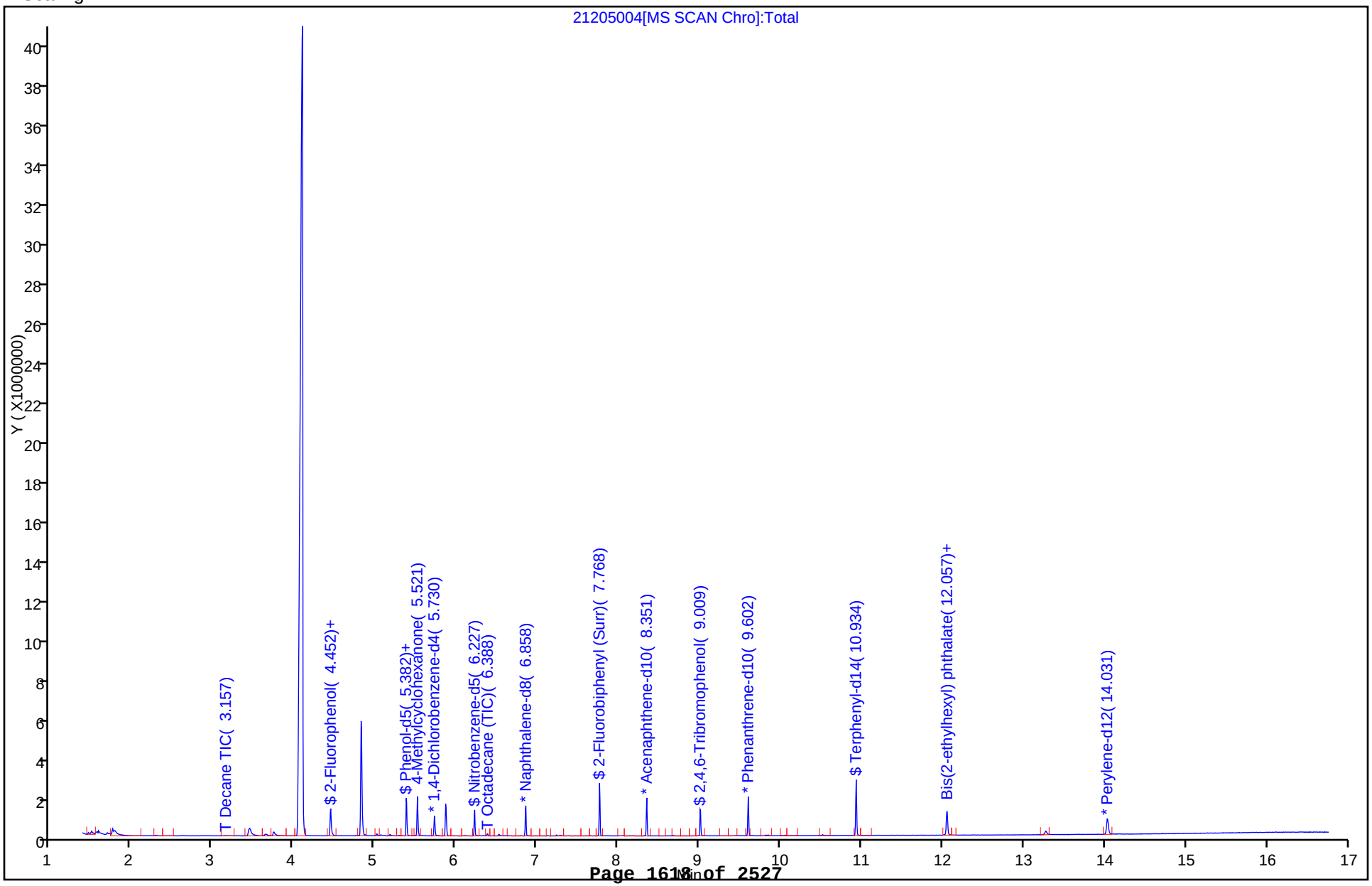
Report Date: 06-Dec-2012 08:50:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205004.D

Injection Date:	05-Dec-2012 10:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



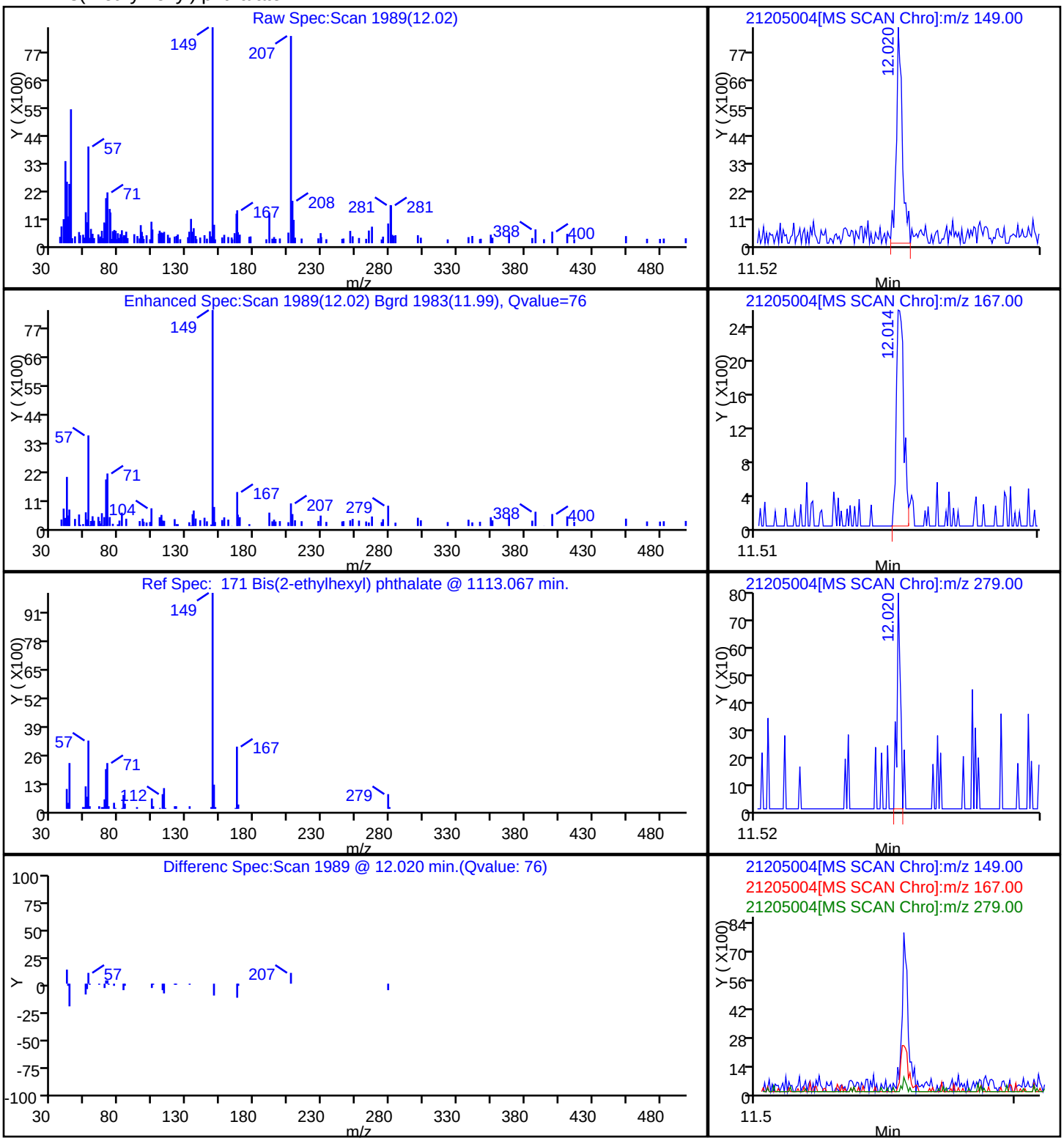
Report Date: 06-Dec-2012 08:50:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205004.D

Injection Date:	05-Dec-2012 10:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-66237/12-A

Matrix: Solid | Lab File ID: 21204006.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 30.00(g) | Date Analyzed: 12/04/2012 10:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67225 | 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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-66237/12-A

Matrix: Solid | Lab File ID: 21204006.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 30.00(g) | Date Analyzed: 12/04/2012 10:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67225 | 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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-66237/12-A

Matrix: Solid | Lab File ID: 21204006.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 30.00(g) | Date Analyzed: 12/04/2012 10:56

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67225 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	62		45-105
367-12-4	2-Fluorophenol (Surr)	63		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	69		35-100
4165-62-2	Phenol-d5 (Surr)	67		40-100
1718-51-0	Terphenyl-d14 (Surr)	77		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	53		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204006.D
Lims ID: MB 240-66237/12-A Client ID:
Inject. Date: 04-Dec-2012 10:56:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015502-006
Misc. Info.: mb 240-66237/12-a
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 67225 Lims Sample ID: 6
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121204-15502.b\8270_hp7.m
Last Update: 04-Dec-2012 12:56:04 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: XAWRK009

First Level Reviewer: gruberj Date: 04-Dec-2012 11:19:10

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.769	5.769	0.0	95	167172	4.00	
* 2 Naphthalene-d8	136	6.893	6.892	0.001	100	635116	4.00	
* 3 Acenaphthene-d10	164	8.390	8.390	0.0	91	362036	4.00	
* 4 Phenanthrene-d10	188	9.647	9.647	0.0	98	640495	4.00	
* 5 Chrysene-d12	240	12.118	12.118	0.0	95	631935	4.00	
* 6 Perylene-d12	264	14.119	14.118	0.001	96	500598	4.00	
$ 7 2-Fluorophenol	112	4.496	4.486	0.010	93	490600	9.49	
$ 8 Phenol-d5	99	5.422	5.422	0.0	91	662570	10.1	
$ 9 Nitrobenzene-d5	82	6.267	6.267	0.0	89	383083	6.86	
$ 10 2-Fluorobiphenyl (Surr)	172	7.807	7.807	0.0	99	732579	6.24	
$ 11 2,4,6-Tribromophenol	330	9.053	9.053	0.0	93	119814	8.00	
$ 12 Terphenyl-d14	244	10.979	10.979	0.0	99	900985	7.70	
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
24 1,4-Dioxane	88		2.116					9
25 N-Nitrosodimethylamine	74		2.544					
26 Pyridine	79		2.592					9
232 1-Methyl-2-pyrrilidinone	99	3.261	3.271	-0.010	0	71	0	
27 Ethyl methacrylate	69		3.325					
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54		3.769					9
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66		4.165					9
33 Acrylamide	71	4.347	4.349	-0.002	1	520	0	
34 Methyl methanesulfonate	80		4.451					9
29 3-Picoline	93		4.510					9
233 n,n'-Dimethylacetamide	44	4.496	4.536	-0.040	0	7055	0	
35 N-Nitrosodiethylamine	102		4.868					9
36 Ethyl methanesulfonate	79		5.162					
40 Benzaldehyde	77		5.368					
37 2-Methylcyclohexanone	68	5.358	5.376	-0.018	1	77	0	
38 3-Methylcyclohexanone	69	5.422	5.414	0.008	48	81372	0	
41 Phenol	94		5.432					9
39 4-Methylcyclohexanone	55	5.422	5.462	-0.040	37	5314	0	
43 Aniline	93		5.464					9
42 Phenylmercaptan	110		5.473					
44 Bis(2-chloroethyl)ether	93		5.523					9
46 2-Chlorophenol	128		5.577					
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146		5.721					
48 1,4-Dichlorobenzene	146		5.785					
49 Benzyl alcohol	108		5.887					9
50 1,2-Dichlorobenzene	146		5.924					9
51 2-Methylphenol	108		5.983					9
52 2,2'-oxybis[1-chloropropane]	45		6.010					
53 Indene	115		6.066					9
191 3 & 4 Methylphenol	108		6.117					
56 N-Nitrosodi-n-propylamine	70		6.122					9
57 Acetophenone	105		6.128					
55 N-Nitrosopyrrolidine	100		6.216					
60 Hexachloroethane	117		6.229					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					9
61 Nitrobenzene	77		6.283					9
63 Isophorone	82		6.486					9
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139		6.561					
66 1,3,5-Trichlorobenzene	180		6.572					
64 2,4-Dimethylphenol	107		6.582					
69 Benzoic acid	122		6.652					
68 Bis(2-chloroethoxy)methane	93		6.668					9
67 o,o',o''-Triethylphosphorothioat	198		6.740					
71 2,4-Dichlorophenol	162		6.764					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180		6.844					
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
73 Naphthalene	128		6.914					9
74 4-Chloroaniline	127		6.951					
77 Hexachlorobutadiene	225		7.015					
78 1,2,3-Trichlorobenzene	180		7.037					
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					
79 Benzothiazole	135		7.195					
83 Caprolactam	113		7.240					
80 Quinoline	129		7.259					9
81 N-Nitrosodi-n-butylamine	84		7.328					9
84 4-Chloro-3-methylphenol	107		7.352					
82 p-Phenylene diamine	108		7.355					
85 2-Methylnaphthalene	142		7.508					9
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142		7.593					9
87 1,2,3,5-Tetrachlorobenzene	216		7.636					
88 Hexachlorocyclopentadiene	237		7.636					
90 2,4,6-Trichlorophenol	196		7.738					
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					149
91 2,4,5-Trichlorophenol	196		7.770					
94 2,4-Toluene diamine	121		7.882					9
96 1,2,3,4 -Tetrachlorobenzene	216		7.887					
95 1,1'-Biphenyl	154		7.898					
98 2-Chloronaphthalene	162		7.919					
227 Isosafrole Peak 2	162		7.960					149
97 3,4-Dichloronitrobenzene	109		7.986					
100 2-Nitroaniline	65		8.000					9
99 Phenyl ether	170		8.040					
103 Dimethyl phthalate	163		8.139					9
101 1,4-Naphthoquinone	158		8.168					
105 2,6-Dinitrotoluene	165		8.198					9
102 1,4-Dinitrobenzene	168		8.211					
106 1,2-Dinitrobenzene	168		8.246					
107 Acenaphthylene	152		8.272					9
104 1,3-Dinitrobenzene	168		8.275					
108 3-Nitroaniline	138		8.342					
110 Acenaphthene	153		8.417					
109 2,4-Dinitrophenol	184		8.427					
111 4-Nitrophenol	109		8.465					9
112 2,4-Dinitrotoluene	165		8.534					
114 Dibenzofuran	168		8.561					9
115 2,3,5,6-Tetrachlorophenol	232		8.620					
113 Pentachlorobenzene	250		8.633					
119 Diethyl phthalate	149		8.727					9
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					
121 4-Chlorophenyl phenyl ether	204		8.839					
124 Fluorene	166		8.850					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138		8.855					
126 4,6-Dinitro-2-methylphenol	198		8.877					
120 Thionazin	97		8.901					
130 N-Nitrosodiphenylamine	169		8.936					
122 N-Nitro-o-toluidine	152		8.954					9
131 Azobenzene	77		8.973					
129 1,2-Diphenylhydrazine	77		8.973					
125 Tributyl phosphate	99		8.992					
128 Diphenylamine	169		9.040					9
132 Sulfotepp	202		9.152					
133 1,3,5-Trinitrobenzene	213		9.238					
137 4-Bromophenyl phenyl ether	248		9.257					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
139 Hexachlorobenzene	284		9.315					
230 Diallate Peak 2	86		9.356					14
140 Atrazine	200		9.369					
138 Dimethoate	87		9.430					
141 Pentachlorophenol	266		9.476					
127 4-Aminobiphenyl	169		9.575					
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
146 Phenanthrene	178		9.663					9
147 Anthracene	178		9.711					9
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
149 Carbazole	167		9.834					
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149		10.096					
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					
157 Fluoranthene	202		10.669					9
158 Benzidine	184		10.765					
160 Pyrene	202		10.866					9
164 4,4'-DDE	246		10.925					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
163 4,4'-DDD	235		11.246					9
162 Chlorobenzilate	139		11.265					
166 Butyl benzyl phthalate	149		11.439					9
165 Famphur	218		11.522					
168 4,4'-DDT	235		11.551					9
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244		12.022					
172 4,4'-Methylene bis(2-chloroanili	231		12.059					9
173 3,3'-Dichlorobenzidine	252		12.059					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
171 Bis(2-ethylhexyl) phthalate	149	12.081	12.081	0.0	84	9077	0.2700	
175 Benzo[a]anthracene	228		12.107					9
176 Chrysene	228		12.150					9
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149		12.952					9
180 Benzo[b]fluoranthene	252		13.551					
181 Benzo[k]fluoranthene	252		13.594					
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252		14.038					
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					
186 Indeno[1,2,3-cd]pyrene	276		15.723					
187 Dibenz(a,h)anthracene	278		15.750					
188 Benzo[g,h,i]perylene	276		16.135					
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	3.079	3.050	0.029	1	154	0	
T 194 Octadecane (TIC)	254	6.401	6.300	0.100	1	144	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

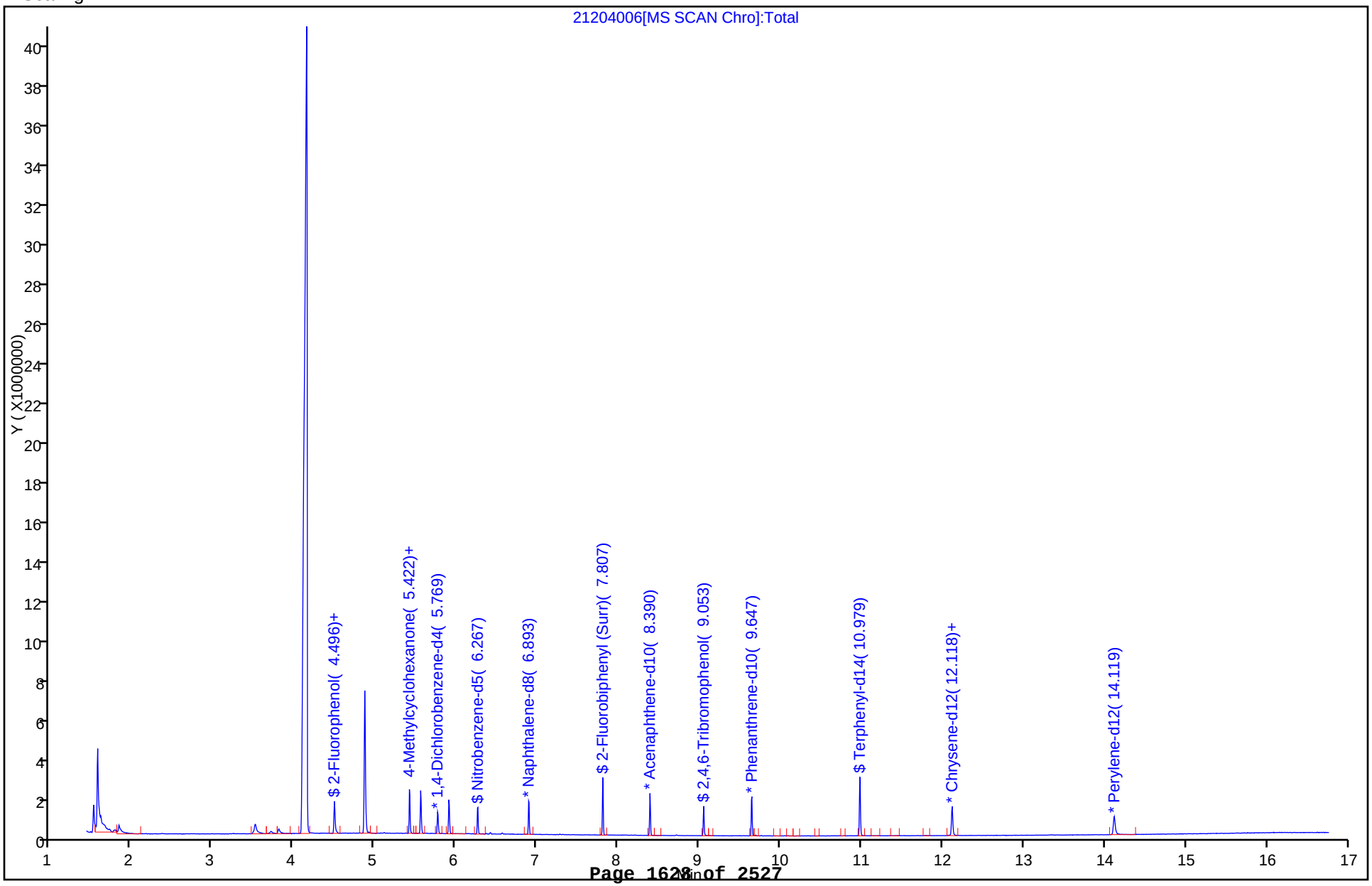
Report Date: 04-Dec-2012 12:56:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204006.D

Injection Date:	04-Dec-2012 10:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67225	Lims Sample ID:	6
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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-66397/18-A

Matrix: Solid | Lab File ID: 21130004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.00(g) | Date Analyzed: 11/30/2012 09:37

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.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	30.7	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-66397/18-A

Matrix: Solid | Lab File ID: 21130004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.00(g) | Date Analyzed: 11/30/2012 09:37

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.: 66878 | 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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-66397/18-A

Matrix: Solid | Lab File ID: 21130004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.00(g) | Date Analyzed: 11/30/2012 09:37

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.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	67		45-105
367-12-4	2-Fluorophenol (Surr)	71		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	73		35-100
4165-62-2	Phenol-d5 (Surr)	74		40-100
1718-51-0	Terphenyl-d14 (Surr)	83		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	66		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130004.D
Lims ID: MB 240-66397/18-A Client ID:
Inject. Date: 30-Nov-2012 09:37:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015418-004
Misc. Info.: mb 240-66397/18-a
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 66878 Lims Sample ID: 4
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m
Last Update: 03-Dec-2012 10:35:45 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: XAWRK014

First Level Reviewer: gruberj Date: 30-Nov-2012 10:02:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.778	5.778	0.0	93	122688	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	99	472221	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	-0.001	92	275864	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	98	468903	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.006	95	489045	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	95	397503	4.00	
$ 7 2-Fluorophenol	112	4.505	4.494	0.011	94	406464	10.7	
$ 8 Phenol-d5	99	5.430	5.425	0.005	95	535598	11.1	
$ 9 Nitrobenzene-d5	82	6.270	6.270	0.0	90	305008	7.35	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	99	597421	6.68	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	92	113174	9.92	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	752571	8.31	
19 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
24 1,4-Dioxane	88		2.130					
25 N-Nitrosodimethylamine	74		2.558					
26 Pyridine	79		2.611					9
232 1-Methyl-2-pyrrilidinone	99		3.271					14
27 Ethyl methacrylate	69		3.339					
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54		3.777					
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66		4.173					9
33 Acrylamide	71	4.339	4.349	-0.010	1	134	0	
34 Methyl methanesulfonate	80		4.451					9
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.499	4.536	-0.037	0	5676	0	
35 N-Nitrosodiethylamine	102		4.868					9
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.387	5.376	0.011	1	51	0	
40 Benzaldehyde	77		5.377					9
38 3-Methylcyclohexanone	69	5.430	5.414	0.016	29	59425	0	
41 Phenol	94		5.441					9
39 4-Methylcyclohexanone	55	5.430	5.462	-0.032	22	7223	0	
42 Phenylmercaptan	110		5.473					
43 Aniline	93		5.473					
44 Bis(2-chloroethyl)ether	93		5.532					9
46 2-Chlorophenol	128		5.585					
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146		5.724					
48 1,4-Dichlorobenzene	146		5.794					
49 Benzyl alcohol	108		5.895					9
50 1,2-Dichlorobenzene	146		5.933					9
51 2-Methylphenol	108		5.992					9
52 2,2'-oxybis[1-chloropropane]	45		6.019					9
53 Indene	115		6.066					
191 3 & 4 Methylphenol	108		6.125					
56 N-Nitrosodi-n-propylamine	70		6.131					
57 Acetophenone	105		6.136					
55 N-Nitrosopyrrolidine	100		6.216					
60 Hexachloroethane	117		6.238					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					9
61 Nitrobenzene	77		6.291					9
63 Isophorone	82		6.495					
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139		6.569					
66 1,3,5-Trichlorobenzene	180		6.575					
64 2,4-Dimethylphenol	107		6.591					
69 Benzoic acid	122		6.660					9
68 Bis(2-chloroethoxy)methane	93		6.676					
67 o,o',o''-Triethylphosphorothioat	198		6.740					
71 2,4-Dichlorophenol	162		6.773					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180		6.848					
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128		6.922					
74 4-Chloroaniline	127		6.960					
77 Hexachlorobutadiene	225		7.019					
78 1,2,3-Trichlorobenzene	180		7.045					
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					9
79 Benzothiazole	135		7.195					9
83 Caprolactam	113		7.243					
80 Quinoline	129		7.259					
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					
84 4-Chloro-3-methylphenol	107		7.361					
85 2-Methylnaphthalene	142		7.511					
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142		7.596					
88 Hexachlorocyclopentadiene	237		7.639					
87 1,2,3,5-Tetrachlorobenzene	216		7.639					
90 2,4,6-Trichlorophenol	196		7.746					
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					19
91 2,4,5-Trichlorophenol	196		7.778					
94 2,4-Toluene diamine	121		7.885					9
96 1,2,3,4 -Tetrachlorobenzene	216		7.896					9
95 1,1'-Biphenyl	154		7.901					9
98 2-Chloronaphthalene	162		7.928					
227 Isosafrole Peak 2	162		7.960					
97 3,4-Dichloronitrobenzene	109		7.986					9
100 2-Nitroaniline	65		8.003					
99 Phenyl ether	170		8.040					
103 Dimethyl phthalate	163		8.147					9
101 1,4-Naphthoquinone	158		8.168					
105 2,6-Dinitrotoluene	165		8.201					9
102 1,4-Dinitrobenzene	168		8.211					
106 1,2-Dinitrobenzene	168		8.249					
104 1,3-Dinitrobenzene	168		8.275					
107 Acenaphthylene	152		8.281					
108 3-Nitroaniline	138		8.351					
110 Acenaphthene	153		8.425					
109 2,4-Dinitrophenol	184		8.436					
111 4-Nitrophenol	109		8.468					9
112 2,4-Dinitrotoluene	165		8.543					
114 Dibenzofuran	168		8.570					
115 2,3,5,6-Tetrachlorophenol	232		8.629					
113 Pentachlorobenzene	250		8.633					
116 1-Naphthylamine	143		8.735					
119 Diethyl phthalate	149		8.736					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					
121 4-Chlorophenyl phenyl ether	204		8.848					
124 Fluorene	166		8.859					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138		8.864					
126 4,6-Dinitro-2-methylphenol	198		8.885					
120 Thionazin	97		8.901					
130 N-Nitrosodiphenylamine	169		8.944					
122 N-Nitro-o-toluidine	152		8.954					
131 Azobenzene	77		8.982					
129 1,2-Diphenylhydrazine	77		8.982					
125 Tributyl phosphate	99		8.992					
128 Diphenylamine	169		9.040					9
132 Sulfotepp	202		9.152					
133 1,3,5-Trinitrobenzene	213		9.238					
137 4-Bromophenyl phenyl ether	248		9.260					
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
139 Hexachlorobenzene	284		9.324					
230 Diallate Peak 2	86		9.356					1
140 Atrazine	200		9.377					
138 Dimethoate	87		9.430					
141 Pentachlorophenol	266		9.484					
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
146 Phenanthrene	178		9.672					9
147 Anthracene	178		9.714					9
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
149 Carbazole	167		9.843					
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149		10.105					
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					
157 Fluoranthene	202		10.677					
158 Benzidine	184		10.773					9
160 Pyrene	202		10.875					
164 4,4'-DDE	246		10.939					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.287					
166 Butyl benzyl phthalate	149		11.447					9
165 Famphur	218		11.522					
168 4,4'-DDT	235		11.565					9
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244		12.030					
173 3,3'-Dichlorobenzidine	252		12.068					
172 4,4'-Methylene bis(2-chloroanili	231		12.068					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	85	24139	0.4604	
175 Benzo[a]anthracene	228		12.116					9
176 Chrysene	228		12.164					9
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149		12.961					9
180 Benzo[b]fluoranthene	252		13.565					
181 Benzo[k]fluoranthene	252		13.608					
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252		14.052					9
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					
186 Indeno[1,2,3-cd]pyrene	276		15.742					
187 Dibenz(a,h)anthracene	278		15.769					
188 Benzo[g,h,i]perylene	276		16.154					
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	3.053	0.0	34	77	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
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

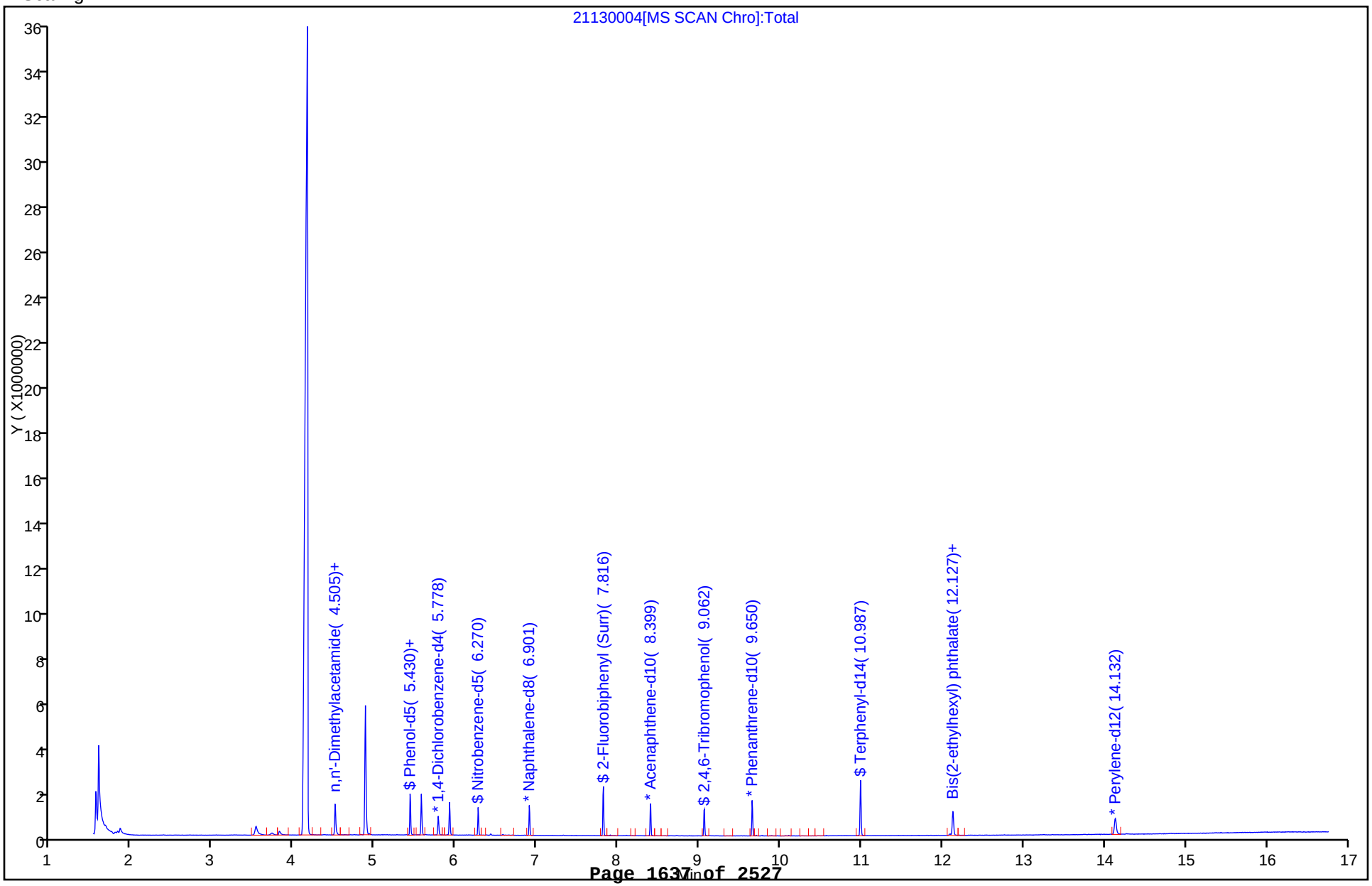
Report Date: 03-Dec-2012 10:35:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130004.D

Injection Date:	30-Nov-2012 09:37:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



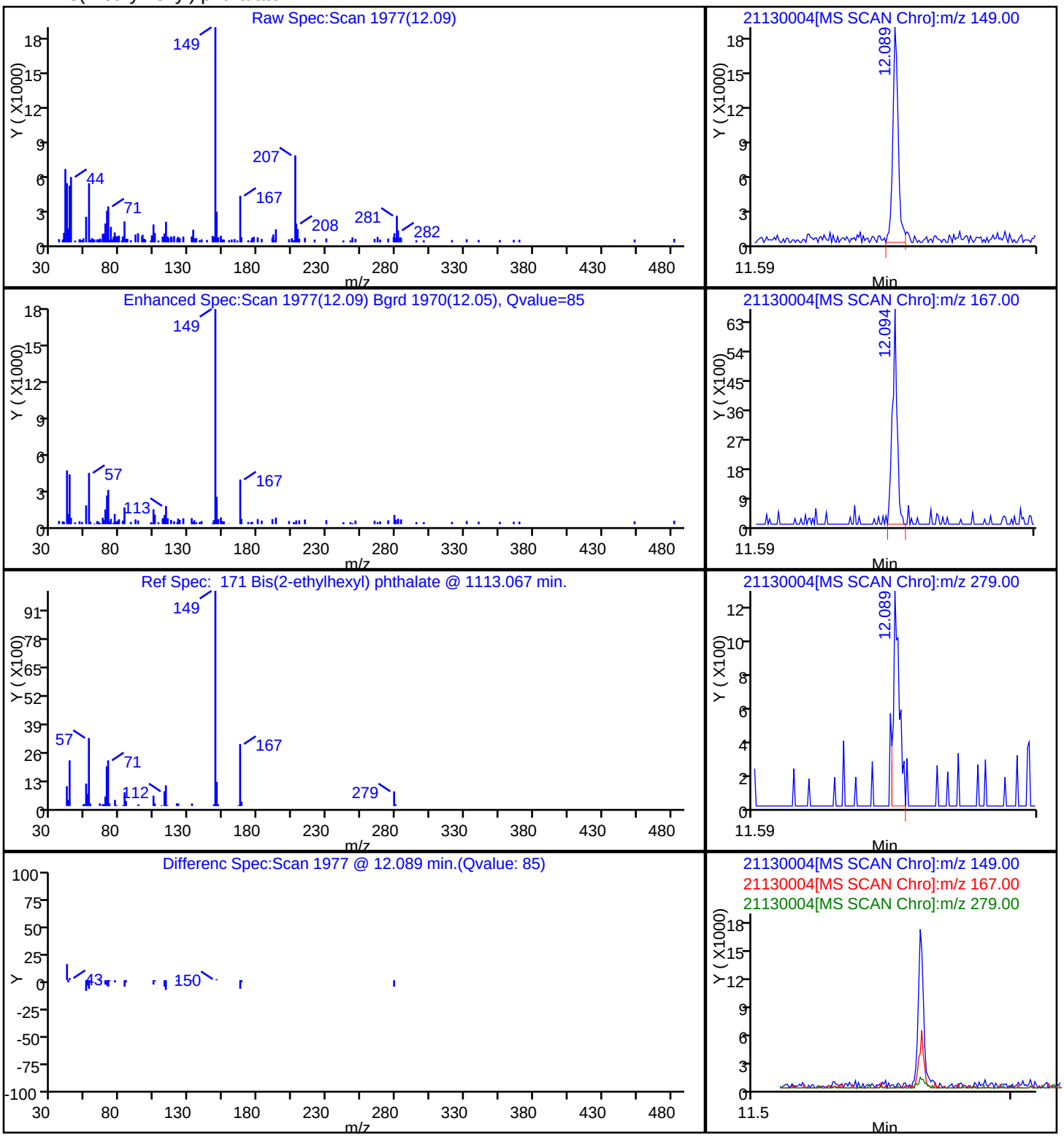
Report Date: 03-Dec-2012 10:35:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130004.D

Injection Date:	30-Nov-2012 09:37:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-66227/24-A

Matrix: Solid | Lab File ID: 21205005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.00(g) | Date Analyzed: 12/05/2012 10:43

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.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	515		6.7	3.3	3.3
208-96-8	Acenaphthylene	518		6.7	3.3	3.3
120-12-7	Anthracene	547		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	555		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	494		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	552		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	636		6.7	3.3	3.3
65-85-0	Benzoic acid	376	J	660	330	330
207-08-9	Benzo[k]fluoranthene	617		6.7	3.3	3.3
100-51-6	Benzyl alcohol	525		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	494		100	27	22
111-44-4	Bis(2-chloroethyl)ether	497		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	487		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	531		50	27	19
101-55-3	4-Bromophenyl phenyl ether	589		50	27	13
85-68-7	Butyl benzyl phthalate	547		50	27	10
86-74-8	Carbazole	551		50	27	27
106-47-8	4-Chloroaniline	376		150	27	17
59-50-7	4-Chloro-3-methylphenol	560		150	27	21
91-58-7	2-Chloronaphthalene	514		50	3.3	3.3
95-57-8	2-Chlorophenol	499		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	528		50	27	13
218-01-9	Chrysene	590		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	548		6.7	3.3	3.3
132-64-9	Dibenzofuran	508		50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	483		50	27	9.7
541-73-1	1,3-Dichlorobenzene	482		50	27	11
106-46-7	1,4-Dichlorobenzene	477		50	27	20
91-94-1	3,3'-Dichlorobenzidine	350		100	80	18
120-83-2	2,4-Dichlorophenol	541		150	27	20
84-66-2	Diethyl phthalate	537		50	27	16
105-67-9	2,4-Dimethylphenol	304		150	80	20
131-11-3	Dimethyl phthalate	541		50	27	17
84-74-2	Di-n-butyl phthalate	586		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-66227/24-A

Matrix: Solid | Lab File ID: 21205005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.00(g) | Date Analyzed: 12/05/2012 10:43

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.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	510		150	80	80
51-28-5	2,4-Dinitrophenol	476		330	80	80
121-14-2	2,4-Dinitrotoluene	548		200	27	27
606-20-2	2,6-Dinitrotoluene	546		200	27	21
117-84-0	Di-n-octyl phthalate	547		50	27	27
206-44-0	Fluoranthene	575		6.7	3.3	3.3
86-73-7	Fluorene	525		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	545		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	491		50	27	27
77-47-4	Hexachlorocyclopentadiene	378		330	27	27
67-72-1	Hexachloroethane	475		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	575		6.7	3.3	3.3
78-59-1	Isophorone	538		50	27	13
91-57-6	2-Methylnaphthalene	514		6.7	3.3	3.3
95-48-7	2-Methylphenol	479		200	80	80
15831-10-4	3 & 4 Methylphenol	1010		400	80	20
91-20-3	Naphthalene	507		6.7	3.3	3.3
88-74-4	2-Nitroaniline	563		200	27	9.1
99-09-2	3-Nitroaniline	500		200	80	16
100-01-6	4-Nitroaniline	509		200	27	26
98-95-3	Nitrobenzene	511		100	3.3	2.2
88-75-5	2-Nitrophenol	553		50	27	27
100-02-7	4-Nitrophenol	539		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	523		50	27	27
86-30-6	N-Nitrosodiphenylamine	556		50	27	21
87-86-5	Pentachlorophenol	434		150	80	80
85-01-8	Phenanthrene	539		6.7	3.3	3.3
108-95-2	Phenol	538		50	27	27
129-00-0	Pyrene	543		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	484		50	27	27
95-95-4	2,4,5-Trichlorophenol	537		150	27	25
88-06-2	2,4,6-Trichlorophenol	529		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-66227/24-A

Matrix: Solid | Lab File ID: 21205005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.00(g) | Date Analyzed: 12/05/2012 10:43

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.: 67390 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	72		45-105
367-12-4	2-Fluorophenol (Surr)	77		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	75		35-100
4165-62-2	Phenol-d5 (Surr)	79		40-100
1718-51-0	Terphenyl-d14 (Surr)	87		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	78		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205005.D
Lims ID: LCS 240-66227/24-A Client ID:
Inject. Date: 05-Dec-2012 10:43:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015541-005
Misc. Info.: lcs 240-66227/24-a
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 67390 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m
Last Update: 06-Dec-2012 08:49:41 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: XAWRK028

First Level Reviewer: gruberj Date: 05-Dec-2012 11:29:09

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.730	5.730	0.0	96	147985	4.00	
* 2 Naphthalene-d8	136	6.859	6.859	0.0	99	563698	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	92	327120	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	98	540662	4.00	
* 5 Chrysene-d12	240	12.052	12.057	-0.005	89	546289	4.00	
* 6 Perylene-d12	264	14.031	14.036	-0.005	96	423763	4.00	
$ 7 2-Fluorophenol	112	4.452	4.430	0.022	92	525579	11.5	
$ 8 Phenol-d5	99	5.388	5.382	0.006	89	691646	11.9	
$ 9 Nitrobenzene-d5	82	6.227	6.227	0.0	88	370991	7.49	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	99	767167	7.23	
$ 11 2,4,6-Tribromophenol	330	9.014	9.014	0.0	90	158155	11.7	
$ 12 Terphenyl-d14	244	10.934	10.934	0.0	99	878951	8.69	
24 1,4-Dioxane	88	2.013	2.023	-0.010	87	78679	4.58	
25 N-Nitrosodimethylamine	74	2.446	2.462	-0.016	92	195399	6.73	
26 Pyridine	79	2.483	2.494	-0.011	93	290642	5.91	
30 2-Picoline	93		3.964					
36 Ethyl methanesulfonate	79		5.162					9
40 Benzaldehyde	77	5.324	5.324	0.0	95	283772	7.36	
41 Phenol	94	5.398	5.393	0.005	99	500044	8.08	
43 Aniline	93	5.425	5.425	0.0	88	316376	4.09	
44 Bis(2-chloroethyl)ether	93	5.484	5.484	0.0	94	356629	7.46	
46 2-Chlorophenol	128	5.537	5.532	0.005	93	374496	7.49	
47 1,3-Dichlorobenzene	146	5.677	5.677	0.0	95	389788	7.23	
48 1,4-Dichlorobenzene	146	5.746	5.746	0.0	92	383054	7.15	
49 Benzyl alcohol	108	5.853	5.853	0.0	92	242918	7.88	
50 1,2-Dichlorobenzene	146	5.885	5.885	0.0	91	370198	7.25	
51 2-Methylphenol	108	5.949	5.944	0.005	96	324220	7.18	
52 2,2'-oxybis[1-chloropropane]	45	5.971	5.976	-0.005	90	513024	7.31	
191 3 & 4 Methylphenol	108	6.083	6.078	0.005	94	715995	15.1	
57 Acetophenone	105	6.088	6.088	0.0	92	484571	7.24	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
56 N-Nitrosodi-n-propylamine	70	6.088	6.088	0.0	89	263121	7.85	
60 Hexachloroethane	117	6.190	6.190	0.0	94	154988	7.12	
61 Nitrobenzene	77	6.243	6.243	0.0	85	392725	7.67	
63 Isophorone	82	6.447	6.452	-0.005	99	725339	8.07	
65 2-Nitrophenol	139	6.522	6.522	0.0	96	199897	8.29	
64 2,4-Dimethylphenol	107	6.548	6.548	0.0	94	216267	4.56	
69 Benzoic acid	122	6.591	6.618	-0.027	83	140828	5.64	
68 Bis(2-chloroethoxy)methane	93	6.634	6.634	0.0	98	422910	7.41	
71 2,4-Dichlorophenol	162	6.730	6.730	0.0	94	303795	8.11	
72 1,2,4-Trichlorobenzene	180	6.805	6.805	0.0	90	324205	7.26	
73 Naphthalene	128	6.875	6.875	0.0	97	1070745	7.60	
74 4-Chloroaniline	127	6.912	6.912	0.0	87	338394	5.64	
77 Hexachlorobutadiene	225	6.976	6.976	0.0	93	178322	7.37	
83 Caprolactam	113	7.196	7.201	-0.005	77	114013	7.92	
80 Quinoline	129		7.259					
84 4-Chloro-3-methylphenol	107	7.313	7.313	0.0	96	337679	8.40	
85 2-Methylnaphthalene	142	7.463	7.468	-0.005	89	694638	7.71	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.549	7.549	0.0	93	676766	7.89	
88 Hexachlorocyclopentadiene	237	7.597	7.597	0.0	90	150495	5.68	
90 2,4,6-Trichlorophenol	196	7.698	7.698	0.0	90	218952	7.94	
91 2,4,5-Trichlorophenol	196	7.730	7.730	0.0	94	239332	8.06	
95 1,1'-Biphenyl	154	7.853	7.859	-0.006	95	848511	7.34	
98 2-Chloronaphthalene	162	7.880	7.880	0.0	90	696876	7.71	
100 2-Nitroaniline	65	7.955	7.955	0.0	84	224090	8.45	
103 Dimethyl phthalate	163	8.099	8.099	0.0	98	779103	8.11	
105 2,6-Dinitrotoluene	165	8.158	8.158	0.0	86	178852	8.18	
106 1,2-Dinitrobenzene	168	8.201	8.206	-0.005	92	95148	8.93	
102 1,4-Dinitrobenzene	168		8.211					
107 Acenaphthylene	152	8.233	8.233	0.0	89	1158499	7.76	
104 1,3-Dinitrobenzene	168		8.275					
108 3-Nitroaniline	138	8.303	8.303	0.0	94	180489	7.50	
110 Acenaphthene	153	8.378	8.378	0.0	93	692830	7.72	
109 2,4-Dinitrophenol	184	8.388	8.388	0.0	79	83443	7.14	
111 4-Nitrophenol	109	8.420	8.426	-0.006	95	112050	8.09	
112 2,4-Dinitrotoluene	165	8.495	8.495	0.0	85	241938	8.22	
114 Dibenzofuran	168	8.522	8.522	0.0	88	1015492	7.62	
115 2,3,5,6-Tetrachlorophenol	232	8.581	8.581	0.0	93	179011	7.31	
119 Diethyl phthalate	149	8.688	8.688	0.0	98	808978	8.05	
117 2,3,4,6-Tetrachlorophenol	232		8.762					9
121 4-Chlorophenyl phenyl ether	204	8.800	8.800	0.0	90	400721	7.92	
124 Fluorene	166	8.811	8.811	0.0	93	842377	7.88	
123 4-Nitroaniline	138	8.816	8.816	0.0	73	199624	7.63	
126 4,6-Dinitro-2-methylphenol	198	8.838	8.838	0.0	83	132798	7.65	
130 N-Nitrosodiphenylamine	169	8.896	8.896	0.0	0	621508	8.34	
131 Azobenzene	77	8.934	8.934	0.0	99	865294	8.22	
129 1,2-Diphenylhydrazine	77	8.934	8.934	0.0	0	865294	8.22	
137 4-Bromophenyl phenyl ether	248	9.212	9.212	0.0	63	243512	8.83	
139 Hexachlorobenzene	284	9.271	9.271	0.0	87	232356	8.18	
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
140 Atrazine	200	9.330	9.330	0.0	90	221388	10.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.431	9.431	0.0	87	118597	6.51	
142 Pronamide	173		9.607					9
146 Phenanthrene	178	9.624	9.624	0.0	97	1194307	8.09	
147 Anthracene	178	9.667	9.667	0.0	97	1204162	8.21	
149 Carbazole	167	9.795	9.795	0.0	81	1177252	8.26	
151 Di-n-butyl phthalate	149	10.057	10.057	0.0	100	1408218	8.80	
157 Fluoranthene	202	10.624	10.624	0.0	97	1407717	8.63	
160 Pyrene	202	10.822	10.822	0.0	96	1420298	8.15	
162 Chlorobenzilate	139		11.265					
166 Butyl benzyl phthalate	149	11.389	11.389	0.0	98	584541	8.21	
173 3,3'-Dichlorobenzidine	252	11.999	11.999	0.0	70	312268	5.25	
171 Bis(2-ethylhexyl) phthalate	149	12.020	12.020	0.0	97	801983	7.97	
175 Benzo[a]anthracene	228	12.041	12.041	0.0	97	1269202	8.33	
176 Chrysene	228	12.090	12.090	0.0	92	1285169	8.84	
178 Di-n-octyl phthalate	149	12.881	12.881	0.0	99	1243602	8.20	
180 Benzo[b]fluoranthene	252	13.475	13.475	0.0	94	1118781	8.28	
181 Benzo[k]fluoranthene	252	13.512	13.518	-0.006	99	1359990	9.26	
182 Benzo[a]pyrene	252	13.951	13.951	0.0	75	1025543	7.42	
186 Indeno[1,2,3-cd]pyrene	276	15.630	15.630	0.0	94	1319914	8.63	
187 Dibenz(a,h)anthracene	278	15.657	15.657	0.0	78	1069944	8.21	
188 Benzo[g,h,i]perylene	276	16.031	16.031	0.0	94	1156505	9.53	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

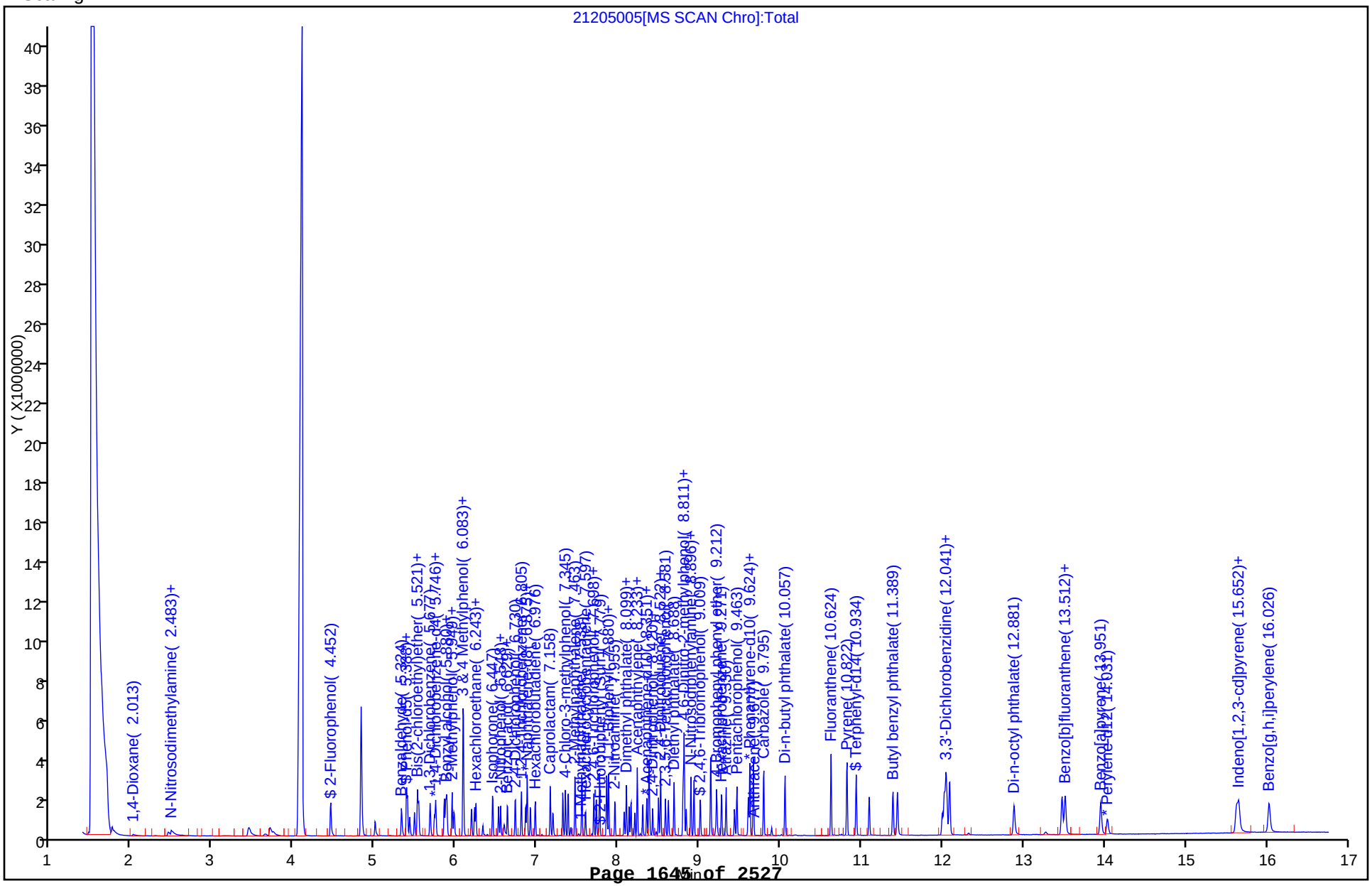
Report Date: 06-Dec-2012 08:50:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205005.D

Injection Date:	05-Dec-2012 10:43:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-66237/13-A

Matrix: Solid | Lab File ID: 21203011.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 30.00(g) | Date Analyzed: 12/03/2012 14:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	458		6.7	3.3	3.3
208-96-8	Acenaphthylene	462		6.7	3.3	3.3
120-12-7	Anthracene	502		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	516		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	445		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	497		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	495		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	571		6.7	3.3	3.3
100-51-6	Benzyl alcohol	445		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	457		100	27	22
111-44-4	Bis(2-chloroethyl)ether	453		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	455		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	501		50	27	19
101-55-3	4-Bromophenyl phenyl ether	535		50	27	13
85-68-7	Butyl benzyl phthalate	509		50	27	10
86-74-8	Carbazole	508		50	27	27
106-47-8	4-Chloroaniline	357		150	27	17
59-50-7	4-Chloro-3-methylphenol	512		150	27	21
91-58-7	2-Chloronaphthalene	452		50	3.3	3.3
95-57-8	2-Chlorophenol	462		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	483		50	27	13
218-01-9	Chrysene	550		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	425		6.7	3.3	3.3
132-64-9	Dibenzofuran	458		50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	436		50	27	9.7
541-73-1	1,3-Dichlorobenzene	424		50	27	11
106-46-7	1,4-Dichlorobenzene	430		50	27	20
91-94-1	3,3'-Dichlorobenzidine	283		100	80	18
120-83-2	2,4-Dichlorophenol	490		150	27	20
84-66-2	Diethyl phthalate	507		50	27	16
105-67-9	2,4-Dimethylphenol	332		150	80	20
131-11-3	Dimethyl phthalate	498		50	27	17
84-74-2	Di-n-butyl phthalate	546		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-66237/13-A

Matrix: Solid | Lab File ID: 21203011.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 30.00(g) | Date Analyzed: 12/03/2012 14:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	443		150	80	80
51-28-5	2,4-Dinitrophenol	371		330	80	80
121-14-2	2,4-Dinitrotoluene	529		200	27	27
606-20-2	2,6-Dinitrotoluene	520		200	27	21
117-84-0	Di-n-octyl phthalate	460		50	27	27
206-44-0	Fluoranthene	532		6.7	3.3	3.3
86-73-7	Fluorene	479		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	519		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	466		50	27	27
77-47-4	Hexachlorocyclopentadiene	376		330	27	27
67-72-1	Hexachloroethane	452		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	451		6.7	3.3	3.3
78-59-1	Isophorone	510		50	27	13
91-57-6	2-Methylnaphthalene	471		6.7	3.3	3.3
95-48-7	2-Methylphenol	434		200	80	80
15831-10-4	3 & 4 Methylphenol	901		400	80	20
91-20-3	Naphthalene	480		6.7	3.3	3.3
88-74-4	2-Nitroaniline	540		200	27	9.1
99-09-2	3-Nitroaniline	483		200	80	16
100-01-6	4-Nitroaniline	482		200	27	26
98-95-3	Nitrobenzene	502		100	3.3	2.2
88-75-5	2-Nitrophenol	491		50	27	27
100-02-7	4-Nitrophenol	504		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	475		50	27	27
86-30-6	N-Nitrosodiphenylamine	493		50	27	21
87-86-5	Pentachlorophenol	421		150	80	80
85-01-8	Phenanthrene	497		6.7	3.3	3.3
108-95-2	Phenol	477		50	27	27
129-00-0	Pyrene	509		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	463		50	27	27
95-95-4	2,4,5-Trichlorophenol	503		150	27	25
88-06-2	2,4,6-Trichlorophenol	468		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-66237/13-A

Matrix: Solid | Lab File ID: 21203011.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 30.00(g) | Date Analyzed: 12/03/2012 14:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	64		45-105
367-12-4	2-Fluorophenol (Surr)	68		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	74		35-100
4165-62-2	Phenol-d5 (Surr)	71		40-100
1718-51-0	Terphenyl-d14 (Surr)	84		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	75		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203011.D
Lims ID: LCS 240-66237/13-A Client ID:
Inject. Date: 03-Dec-2012 14:25:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015460-011
Misc. Info.: lcs 240-66237/13-a
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 67052 Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\8270_hp7.m
Last Update: 04-Dec-2012 11:17:47 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: XAWRK009

First Level Reviewer: gruberj Date: 03-Dec-2012 15:24:47

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.744	5.744	0.0	96	129726	4.00	
* 2 Naphthalene-d8	136	6.872	6.872	0.0	99	484704	4.00	
* 3 Acenaphthene-d10	164	8.365	8.365	0.0	92	287882	4.00	
* 4 Phenanthrene-d10	188	9.616	9.616	0.0	97	494578	4.00	
* 5 Chrysene-d12	240	12.077	12.077	0.0	91	494336	4.00	
* 6 Perylene-d12	264	14.066	14.066	0.0	95	385436	4.00	
$ 7 2-Fluorophenol	112	4.471	4.455	0.016	92	411697	10.3	
$ 8 Phenol-d5	99	5.402	5.396	0.006	90	538862	10.6	
$ 9 Nitrobenzene-d5	82	6.241	6.241	0.0	87	313320	7.35	
$ 10 2-Fluorobiphenyl (Surr)	172	7.782	7.782	0.0	99	594527	6.37	
$ 11 2,4,6-Tribromophenol	330	9.028	9.028	0.0	92	134683	11.3	
$ 12 Terphenyl-d14	244	10.953	10.953	0.0	99	765343	8.36	
24 1,4-Dioxane	88	2.080	2.085	-0.005	94	46526	3.09	
25 N-Nitrosodimethylamine	74	2.503	2.503	0.001	88	167974	6.61	
26 Pyridine	79	2.551	2.556	-0.005	91	184692	4.28	
30 2-Picoline	93		3.964					
36 Ethyl methanesulfonate	79		5.162					9
40 Benzaldehyde	77	5.343	5.343	0.0	95	240282	7.10	
41 Phenol	94	5.412	5.407	0.005	99	388494	7.16	
43 Aniline	93	5.439	5.439	0.0	96	299223	4.41	
44 Bis(2-chloroethyl)ether	93	5.498	5.498	0.0	94	285161	6.80	
46 2-Chlorophenol	128	5.551	5.551	0.0	95	303632	6.92	
47 1,3-Dichlorobenzene	146	5.696	5.696	0.0	97	300739	6.36	
48 1,4-Dichlorobenzene	146	5.760	5.760	0.0	91	302719	6.45	
49 Benzyl alcohol	108	5.867	5.867	0.0	90	180462	6.68	
50 1,2-Dichlorobenzene	146	5.899	5.899	0.0	89	292892	6.54	
51 2-Methylphenol	108	5.963	5.958	0.005	95	257815	6.52	
52 2,2'-oxybis[1-chloropropane]	45	5.985	5.984	0.001	89	419993	6.83	
191 3 & 4 Methylphenol	108	6.097	6.091	0.006	93	560494	13.5	
57 Acetophenone	105	6.102	6.102	0.0	93	390149	6.65	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
56 N-Nitrosodi-n-propylamine	70	6.097	6.102	-0.005	89	209355	7.13	
60 Hexachloroethane	117	6.204	6.204	0.0	93	129272	6.77	
61 Nitrobenzene	77	6.257	6.257	0.0	82	331994	7.54	
63 Isophorone	82	6.461	6.466	-0.005	97	591928	7.66	
65 2-Nitrophenol	139	6.535	6.535	0.0	95	152533	7.36	
64 2,4-Dimethylphenol	107	6.562	6.562	0.0	93	202897	4.98	
69 Benzoic acid	122	6.594	6.632	-0.038	82	55496	3.37	
68 Bis(2-chloroethoxy)methane	93	6.642	6.642	0.0	99	336701	6.86	
71 2,4-Dichlorophenol	162	6.739	6.739	0.0	96	236814	7.35	
72 1,2,4-Trichlorobenzene	180	6.819	6.819	0.0	89	266916	6.95	
73 Naphthalene	128	6.888	6.888	0.0	97	872210	7.20	
74 4-Chloroaniline	127	6.926	6.926	0.0	85	276798	5.36	
77 Hexachlorobutadiene	225	6.990	6.990	0.0	94	145235	6.98	
83 Caprolactam	113	7.204	7.215	-0.011	75	86924	7.01	
80 Quinoline	129		7.259					
84 4-Chloro-3-methylphenol	107	7.327	7.327	0.0	93	265676	7.68	
85 2-Methylnaphthalene	142	7.477	7.477	0.0	90	547342	7.07	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.562	7.562	0.0	83	518559	7.03	
88 Hexachlorocyclopentadiene	237	7.611	7.610	0.001	92	131464	5.64	
90 2,4,6-Trichlorophenol	196	7.712	7.712	0.0	90	170231	7.02	
91 2,4,5-Trichlorophenol	196	7.744	7.744	0.0	95	197228	7.55	
95 1,1'-Biphenyl	154	7.867	7.873	-0.006	96	644265	6.34	
98 2-Chloronaphthalene	162	7.894	7.894	0.0	92	539393	6.79	
100 2-Nitroaniline	65	7.969	7.969	0.0	80	188860	8.09	
103 Dimethyl phthalate	163	8.113	8.113	0.0	98	631560	7.47	
105 2,6-Dinitrotoluene	165	8.167	8.172	-0.005	84	149599	7.80	
102 1,4-Dinitrobenzene	168		8.211					
106 1,2-Dinitrobenzene	168	8.215	8.220	-0.005	88	78224	8.34	
107 Acenaphthylene	152	8.247	8.247	0.0	91	909673	6.93	
104 1,3-Dinitrobenzene	168		8.275					
108 3-Nitroaniline	138	8.317	8.316	0.001	95	153418	7.25	
110 Acenaphthene	153	8.391	8.391	0.0	93	542763	6.87	
109 2,4-Dinitrophenol	184	8.402	8.402	0.0	69	49733	5.57	
111 4-Nitrophenol	109	8.434	8.440	-0.006	96	92116	7.56	
112 2,4-Dinitrotoluene	165	8.509	8.509	0.0	89	205005	7.93	
114 Dibenzofuran	168	8.536	8.536	0.0	88	805794	6.88	
115 2,3,5,6-Tetrachlorophenol	232	8.595	8.595	0.0	86	153192	7.11	
119 Diethyl phthalate	149	8.702	8.702	0.0	97	672071	7.60	
117 2,3,4,6-Tetrachlorophenol	232		8.762					9
121 4-Chlorophenyl phenyl ether	204	8.814	8.814	0.0	92	322393	7.24	
124 Fluorene	166	8.825	8.825	0.0	84	675623	7.18	
123 4-Nitroaniline	138	8.825	8.830	-0.005	82	165993	7.22	
126 4,6-Dinitro-2-methylphenol	198	8.851	8.851	0.0	83	103850	6.65	
130 N-Nitrosodiphenylamine	169	8.910	8.910	0.0	0	504819	7.40	
131 Azobenzene	77	8.948	8.948	0.0	99	730380	7.59	
129 1,2-Diphenylhydrazine	77	8.948	8.948	0.0	0	730421	7.59	
137 4-Bromophenyl phenyl ether	248	9.226	9.226	0.0	64	202323	8.02	
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
139 Hexachlorobenzene	284	9.290	9.290	0.0	88	202269	7.79	
140 Atrazine	200	9.343	9.343	0.0	88	178468	9.61	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.450	9.450	0.0	88	104868	6.31	
142 Pronamide	173		9.607					
146 Phenanthrene	178	9.638	9.638	0.0	97	1007018	7.45	
147 Anthracene	178	9.680	9.680	0.0	97	1011241	7.53	
149 Carbazole	167	9.809	9.809	0.0	82	992842	7.61	
151 Di-n-butyl phthalate	149	10.071	10.071	0.0	100	1199866	8.19	
157 Fluoranthene	202	10.638	10.638	0.0	97	1190852	7.98	
160 Pyrene	202	10.836	10.836	0.0	98	1203493	7.63	
162 Chlorobenzilate	139		11.265					
166 Butyl benzyl phthalate	149	11.408	11.408	0.0	98	489953	7.63	
173 3,3'-Dichlorobenzidine	252	12.023	12.018	0.005	68	225935	4.24	
171 Bis(2-ethylhexyl) phthalate	149	12.045	12.044	0.001	97	682231	7.51	
175 Benzo[a]anthracene	228	12.066	12.066	0.0	97	1068256	7.74	
176 Chrysene	228	12.109	12.109	0.0	96	1083848	8.24	
178 Di-n-octyl phthalate	149	12.911	12.911	0.0	99	938618	6.91	
180 Benzo[b]fluoranthene	252	13.505	13.505	0.0	95	916614	7.45	
181 Benzo[k]fluoranthene	252	13.542	13.542	0.0	97	1143631	8.56	
182 Benzo[a]pyrene	252	13.986	13.986	0.0	74	834801	6.67	
186 Indeno[1,2,3-cd]pyrene	276	15.666	15.660	0.006	96	933491	6.77	
187 Dibenz(a,h)anthracene	278	15.687	15.692	-0.005	69	748584	6.38	
188 Benzo[g,h,i]perylene	276	16.067	16.067	0.0	93	819811	7.43	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

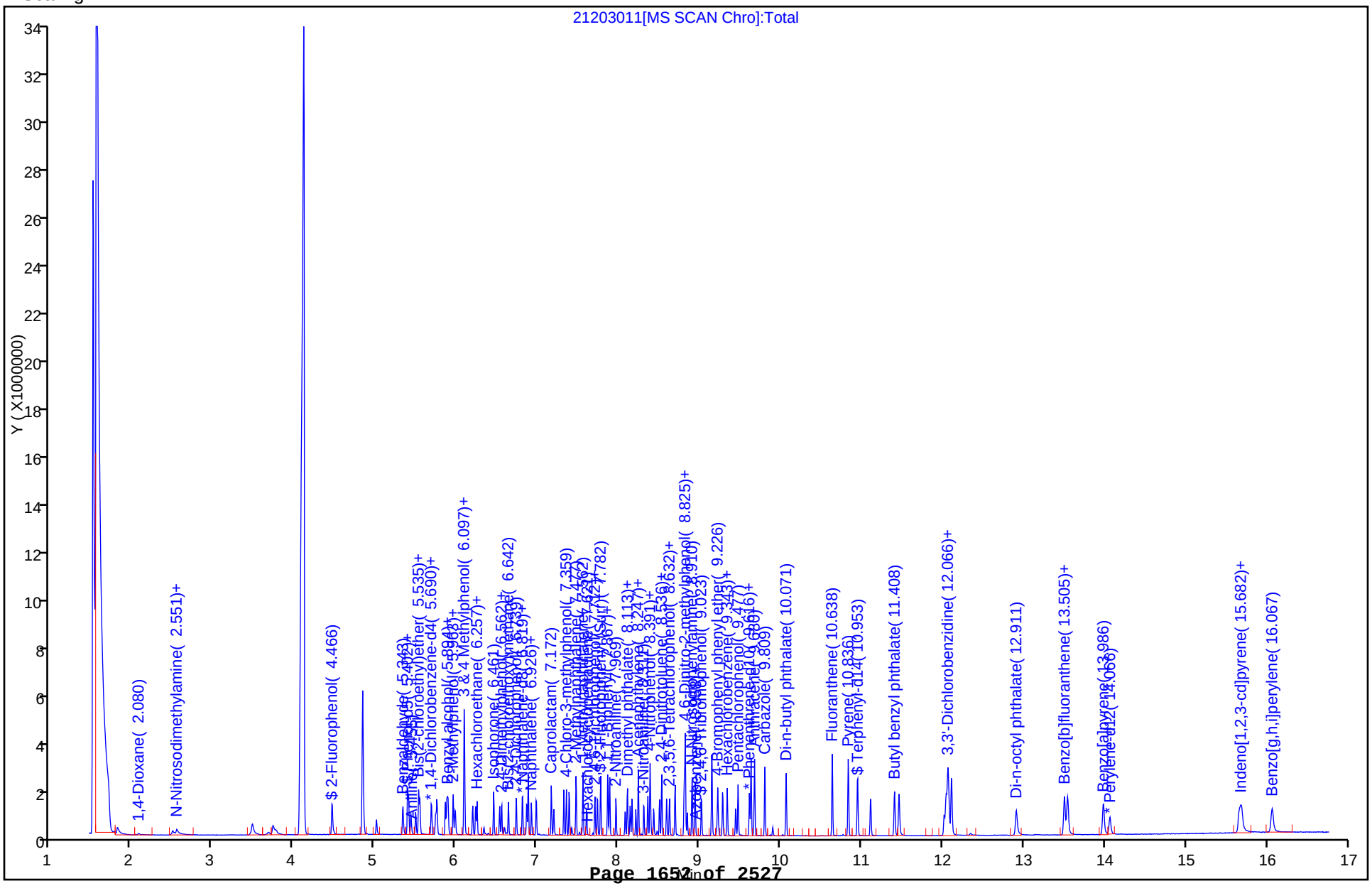
Report Date: 04-Dec-2012 11:17:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203011.D

Injection Date:	03-Dec-2012 14:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-66397/19-A

Matrix: Solid | Lab File ID: 21130005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.00(g) | Date Analyzed: 11/30/2012 10:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	478		6.7	3.3	3.3
208-96-8	Acenaphthylene	492		6.7	3.3	3.3
120-12-7	Anthracene	504		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	509		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	437		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	501		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	546		6.7	3.3	3.3
65-85-0	Benzoic acid	362	J	660	330	330
207-08-9	Benzo[k]fluoranthene	506		6.7	3.3	3.3
100-51-6	Benzyl alcohol	467		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	487		100	27	22
111-44-4	Bis(2-chloroethyl)ether	470		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	477		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	521		50	27	19
101-55-3	4-Bromophenyl phenyl ether	542		50	27	13
85-68-7	Butyl benzyl phthalate	512		50	27	10
86-74-8	Carbazole	506		50	27	27
106-47-8	4-Chloroaniline	317		150	27	17
59-50-7	4-Chloro-3-methylphenol	517		150	27	21
91-58-7	2-Chloronaphthalene	484		50	3.3	3.3
95-57-8	2-Chlorophenol	475		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	506		50	27	13
218-01-9	Chrysene	537		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	487		6.7	3.3	3.3
132-64-9	Dibenzofuran	477		50	3.3	3.3
95-50-1	1,2-Dichlorobenzene	465		50	27	9.7
541-73-1	1,3-Dichlorobenzene	446		50	27	11
106-46-7	1,4-Dichlorobenzene	453		50	27	20
91-94-1	3,3'-Dichlorobenzidine	318		100	80	18
120-83-2	2,4-Dichlorophenol	533		150	27	20
84-66-2	Diethyl phthalate	513		50	27	16
105-67-9	2,4-Dimethylphenol	376		150	80	20
131-11-3	Dimethyl phthalate	501		50	27	17
84-74-2	Di-n-butyl phthalate	542		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-66397/19-A

Matrix: Solid | Lab File ID: 21130005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.00(g) | Date Analyzed: 11/30/2012 10:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	470		150	80	80
51-28-5	2,4-Dinitrophenol	422		330	80	80
121-14-2	2,4-Dinitrotoluene	507		200	27	27
606-20-2	2,6-Dinitrotoluene	517		200	27	21
117-84-0	Di-n-octyl phthalate	479		50	27	27
206-44-0	Fluoranthene	530		6.7	3.3	3.3
86-73-7	Fluorene	488		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	530		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	498		50	27	27
77-47-4	Hexachlorocyclopentadiene	439		330	27	27
67-72-1	Hexachloroethane	455		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	504		6.7	3.3	3.3
78-59-1	Isophorone	540		50	27	13
91-57-6	2-Methylnaphthalene	501		6.7	3.3	3.3
95-48-7	2-Methylphenol	461		200	80	80
15831-10-4	3 & 4 Methylphenol	949		400	80	20
91-20-3	Naphthalene	497		6.7	3.3	3.3
88-74-4	2-Nitroaniline	538		200	27	9.1
99-09-2	3-Nitroaniline	461		200	80	16
100-01-6	4-Nitroaniline	495		200	27	26
98-95-3	Nitrobenzene	517		100	3.3	2.2
88-75-5	2-Nitrophenol	532		50	27	27
100-02-7	4-Nitrophenol	517		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	497		50	27	27
86-30-6	N-Nitrosodiphenylamine	505		50	27	21
87-86-5	Pentachlorophenol	429		150	80	80
85-01-8	Phenanthrene	497		6.7	3.3	3.3
108-95-2	Phenol	489		50	27	27
129-00-0	Pyrene	492		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	482		50	27	27
95-95-4	2,4,5-Trichlorophenol	501		150	27	25
88-06-2	2,4,6-Trichlorophenol	496		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-66397/19-A

Matrix: Solid | Lab File ID: 21130005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.00(g) | Date Analyzed: 11/30/2012 10:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	69		45-105
367-12-4	2-Fluorophenol (Surr)	73		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	77		35-100
4165-62-2	Phenol-d5 (Surr)	75		40-100
1718-51-0	Terphenyl-d14 (Surr)	78		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	74		35-125

Report Date: 03-Dec-2012 10:35:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130005.D
Lims ID: LCS 240-66397/19-A Client ID:
Inject. Date: 30-Nov-2012 10:01:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015418-005
Misc. Info.: lcs 240-66397/19-a
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 66878 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m
Last Update: 03-Dec-2012 10:35:45 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: XAWRK014

First Level Reviewer: gruberj Date: 30-Nov-2012 10:20:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.778	5.778	0.0	96	131365	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	99	484579	4.00	
* 3 Acenaphthene-d10	164	8.398	8.399	-0.001	88	289984	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	98	487542	4.00	
* 5 Chrysene-d12	240	12.126	12.132	-0.006	90	506011	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	95	425234	4.00	
$ 7 2-Fluorophenol	112	4.505	4.494	0.011	93	444992	11.0	
$ 8 Phenol-d5	99	5.435	5.425	0.010	89	576219	11.2	
$ 9 Nitrobenzene-d5	82	6.270	6.270	0.0	90	329897	7.74	
$ 10 2-Fluorobiphenyl (Surr)	172	7.815	7.816	-0.001	100	646516	6.87	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	93	133681	11.1	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	99	730993	7.80	
24 1,4-Dioxane	88	2.119	2.130	-0.011	94	54516	3.58	
25 N-Nitrosodimethylamine	74	2.552	2.558	-0.006	89	185301	7.16	
26 Pyridine	79	2.601	2.611	-0.011	95	207231	4.74	
30 2-Picoline	93		3.964					9
36 Ethyl methanesulfonate	79		5.162					9
40 Benzaldehyde	77	5.376	5.377	-0.001	92	251314	7.34	
41 Phenol	94	5.446	5.441	0.005	99	403255	7.34	
43 Aniline	93	5.473	5.473	0.0	97	242064	3.52	
44 Bis(2-chloroethyl)ether	93	5.532	5.532	0.0	94	299473	7.05	
46 2-Chlorophenol	128	5.585	5.585	0.0	97	316544	7.13	
47 1,3-Dichlorobenzene	146	5.724	5.724	0.0	96	320042	6.69	
48 1,4-Dichlorobenzene	146	5.794	5.794	0.0	93	323006	6.79	
49 Benzyl alcohol	108	5.895	5.895	0.0	89	191558	7.00	
50 1,2-Dichlorobenzene	146	5.933	5.933	0.0	91	316270	6.98	
51 2-Methylphenol	108	5.992	5.992	0.0	96	276980	6.91	
52 2,2'-oxybis[1-chloropropane]	45	6.018	6.019	0.0	91	446131	7.16	
191 3 & 4 Methylphenol	108	6.131	6.125	0.006	89	597872	14.2	
56 N-Nitrosodi-n-propylamine	70	6.131	6.131	0.0	82	221616	7.45	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
57 Acetophenone	105	6.136	6.136	0.0	87	409342	6.89	
60 Hexachloroethane	117	6.232	6.238	-0.006	93	132021	6.83	
61 Nitrobenzene	77	6.286	6.291	-0.005	85	341171	7.75	
63 Isophorone	82	6.494	6.495	-0.001	100	626193	8.10	
65 2-Nitrophenol	139	6.569	6.569	0.0	95	165477	7.99	
64 2,4-Dimethylphenol	107	6.591	6.591	0.0	93	229690	5.64	
69 Benzoic acid	122	6.633	6.660	-0.027	83	115218	5.44	
68 Bis(2-chloroethoxy)methane	93	6.676	6.676	0.0	98	358296	7.30	
71 2,4-Dichlorophenol	162	6.772	6.773	-0.001	95	257268	7.99	
72 1,2,4-Trichlorobenzene	180	6.847	6.848	-0.001	92	277489	7.23	
73 Naphthalene	128	6.922	6.922	0.0	97	903020	7.46	
74 4-Chloroaniline	127	6.960	6.960	0.0	95	245181	4.75	
77 Hexachlorobutadiene	225	7.018	7.019	-0.001	94	155180	7.46	
83 Caprolactam	113	7.238	7.243	-0.005	75	93365	7.54	
80 Quinoline	129		7.259					
84 4-Chloro-3-methylphenol	107	7.361	7.361	0.0	96	268044	7.75	
85 2-Methylnaphthalene	142	7.511	7.511	0.0	90	581650	7.51	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.596	7.596	0.0	90	553099	7.50	
88 Hexachlorocyclopentadiene	237	7.639	7.639	0.0	94	154628	6.58	
90 2,4,6-Trichlorophenol	196	7.746	7.746	0.0	90	181825	7.44	
91 2,4,5-Trichlorophenol	196	7.773	7.778	-0.005	95	197892	7.52	
95 1,1'-Biphenyl	154	7.901	7.901	0.0	95	698356	6.82	
98 2-Chloronaphthalene	162	7.928	7.928	0.0	96	581074	7.26	
100 2-Nitroaniline	65	8.003	8.003	0.0	83	189547	8.06	
103 Dimethyl phthalate	163	8.142	8.147	-0.005	98	640255	7.52	
105 2,6-Dinitrotoluene	165	8.201	8.201	0.0	91	149723	7.75	
102 1,4-Dinitrobenzene	168		8.211					
106 1,2-Dinitrobenzene	168	8.249	8.249	0.0	89	79190	8.38	
104 1,3-Dinitrobenzene	168		8.275					
107 Acenaphthylene	152	8.281	8.281	0.0	91	975433	7.37	
108 3-Nitroaniline	138	8.350	8.351	-0.001	96	147525	6.92	
110 Acenaphthene	153	8.425	8.425	0.0	95	570694	7.17	
109 2,4-Dinitrophenol	184	8.436	8.436	0.0	84	61821	6.34	
111 4-Nitrophenol	109	8.468	8.468	0.0	94	95197	7.75	
112 2,4-Dinitrotoluene	165	8.543	8.543	0.0	85	197741	7.61	
114 Dibenzofuran	168	8.570	8.570	0.0	88	845090	7.16	
115 2,3,5,6-Tetrachlorophenol	232	8.628	8.629	-0.001	92	155909	7.18	
119 Diethyl phthalate	149	8.735	8.736	-0.001	98	684733	7.69	
117 2,3,4,6-Tetrachlorophenol	232		8.762					
121 4-Chlorophenyl phenyl ether	204	8.848	8.848	0.0	90	340729	7.60	
124 Fluorene	166	8.858	8.859	-0.001	82	693573	7.32	
123 4-Nitroaniline	138	8.864	8.864	0.0	74	171950	7.42	
126 4,6-Dinitro-2-methylphenol	198	8.885	8.885	0.0	84	109311	7.05	
130 N-Nitrosodiphenylamine	169	8.944	8.944	0.0	0	509656	7.58	
131 Azobenzene	77	8.981	8.982	-0.001	99	733368	7.73	
129 1,2-Diphenylhydrazine	77	8.981	8.982	-0.001	0	733368	7.73	
137 4-Bromophenyl phenyl ether	248	9.260	9.260	0.0	65	202174	8.13	
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					9
139 Hexachlorobenzene	284	9.324	9.324	0.0	90	203636	7.95	
140 Atrazine	200	9.377	9.377	0.0	91	185997	10.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.484	9.484	0.0	92	105580	6.44	
142 Pronamide	173		9.607					
146 Phenanthrene	178	9.671	9.672	-0.001	97	992751	7.45	
147 Anthracene	178	9.714	9.714	0.0	98	1001238	7.57	
149 Carbazole	167	9.843	9.843	0.0	81	976145	7.59	
151 Di-n-butyl phthalate	149	10.105	10.105	0.0	100	1173816	8.13	
157 Fluoranthene	202	10.677	10.677	0.0	97	1168985	7.95	
160 Pyrene	202	10.875	10.875	0.0	98	1191626	7.38	
162 Chlorobenzilate	139		11.265					
166 Butyl benzyl phthalate	149	11.447	11.447	0.0	96	505235	7.68	
173 3,3'-Dichlorobenzidine	252	12.068	12.068	0.0	71	261807	4.78	
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	96	728204	7.82	
175 Benzo[a]anthracene	228	12.116	12.116	0.0	95	1078413	7.64	
176 Chrysene	228	12.164	12.164	0.0	94	1083680	8.05	
178 Di-n-octyl phthalate	149	12.966	12.961	0.005	99	1081118	7.19	
180 Benzo[b]fluoranthene	252	13.565	13.565	0.0	93	1020190	7.52	
181 Benzo[k]fluoranthene	252	13.608	13.608	0.0	99	1118268	7.59	
182 Benzo[a]pyrene	252	14.052	14.052	0.0	77	904473	6.55	
186 Indeno[1,2,3-cd]pyrene	276	15.737	15.742	-0.005	98	1154182	7.56	
187 Dibenz(a,h)anthracene	278	15.769	15.769	0.0	77	950022	7.30	
188 Benzo[g,h,i]perylene	276	16.154	16.154	0.0	94	997201	8.19	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

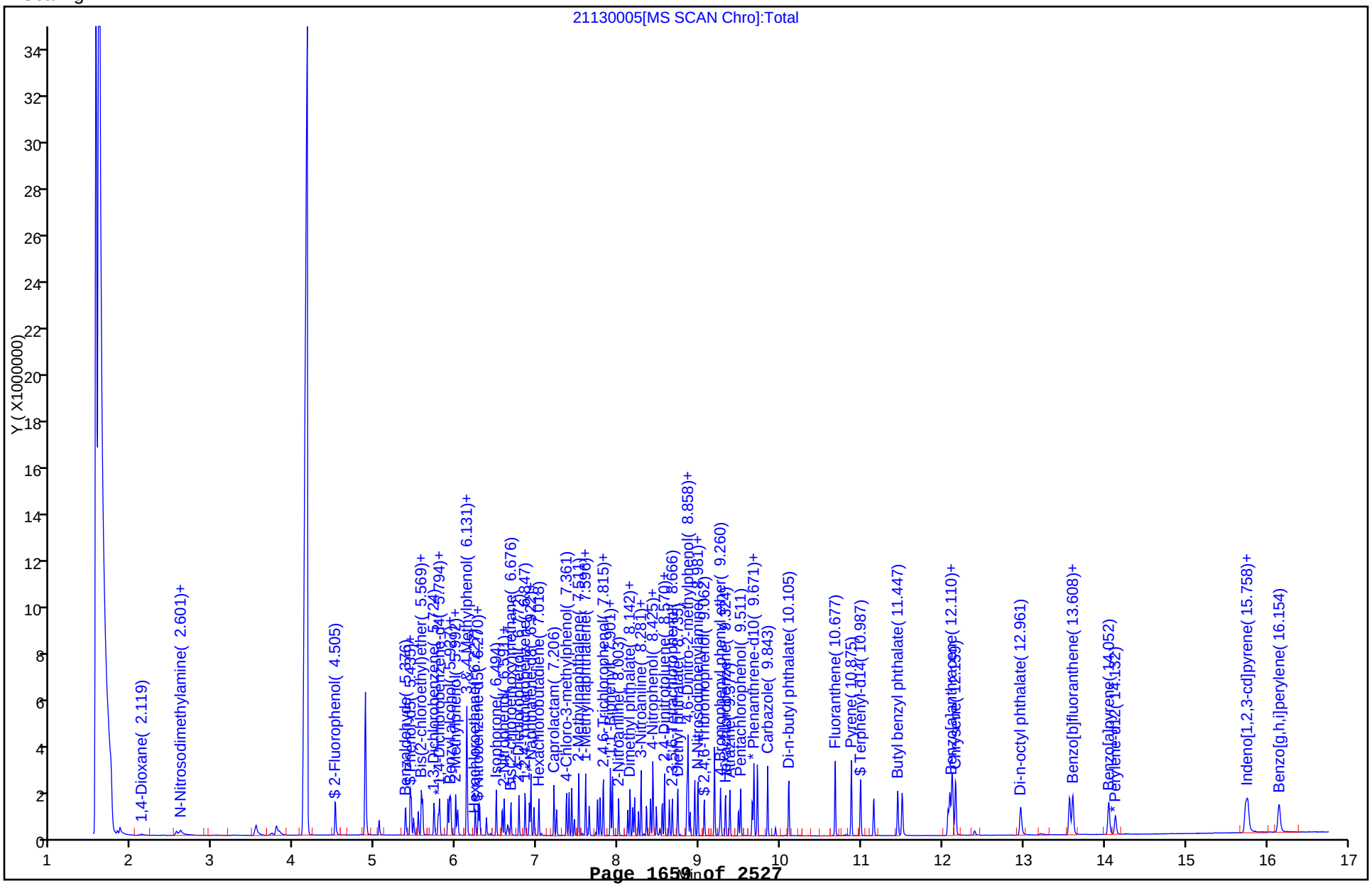
Report Date: 03-Dec-2012 10:35:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130005.D

Injection Date:	30-Nov-2012 10:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66878	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66878/3

Matrix: Solid | Lab File ID: 21130003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/30/2012 09:14

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | 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	5.12		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.02		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.12		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.29		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.37		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	9.09		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.34		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.19		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	5.06		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.22		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	5.03		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.01		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.24		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.22		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.20		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.34		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	5.10		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	5.06		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	5.05		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.06		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.11		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.22		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.15		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.33		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	5.16		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.73		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.84		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66878/3

Matrix: Solid | Lab File ID: 21130003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/30/2012 09:14

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.31		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.11		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.96		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.13		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.22		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.19		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.31		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	5.27		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.23		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.10		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.14		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.09		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.22		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.15		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.07		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.62		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.72		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.21		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.30		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.32		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.16		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.25		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.89		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.98		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.79		0.00020	0.00010	0.00010
108-95-2	Phenol	5.21		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.18		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.10		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.39		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.29		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66878/3

Matrix: Solid | Lab File ID: 21130003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/30/2012 09:14

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	101		50-150
367-12-4	2-Fluorophenol (Surr)	101		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	106	Q	50-150
4165-62-2	Phenol-d5 (Surr)	103	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	103		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	110		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130003.D		
Lims ID:	mrl qc	Client ID:	
Inject. Date:	30-Nov-2012 09:14:30	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015418-003		
Misc. Info.:	mrl qc		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	66878	Lims Sample ID:	3
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m		
Last Update:	03-Dec-2012 10:35:45	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:	XAWRK014		
First Level Reviewer: gruberj		Date:	30-Nov-2012 10:01:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.778	5.778	0.0	95	143598	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	99	552041	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	90	310023	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	97	553050	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.005	94	558035	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	93	459340	4.00	
$ 7 2-Fluorophenol	112	4.494	4.494	0.0	92	223919	5.04	
$ 8 Phenol-d5	99	5.425	5.425	0.0	97	289683	5.14	
$ 9 Nitrobenzene-d5	82	6.270	6.270	0.0	90	256498	5.28	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	100	509511	5.07	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	91	70570	5.50	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	99	532677	5.15	
19 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
24 1,4-Dioxane	88	2.130	2.130	0.0	94	97523	5.85	
25 N-Nitrosodimethylamine	74	2.558	2.558	0.0	87	145641	5.26	
26 Pyridine	79	2.617	2.611	0.006	94	257793	5.40	
232 1-Methyl-2-pyrrilidinone	99	3.339	3.271	0.068	0	34374	0	
27 Ethyl methacrylate	69	3.339	3.339	0.0	91	202302	5.10	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.777	3.777	0.0	90	138712	5.24	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.173	4.173	0.0	97	270618	5.42	
33 Acrylamide	71	4.344	4.349	-0.005	1	128	0	
34 Methyl methanesulfonate	80		4.451					9
29 3-Picoline	93		4.510					9
233 n,n'-Dimethylacetamide	44		4.536					1
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					
37 2-Methylcyclohexanone	68	5.377	5.376	0.001	1	132	0	
40 Benzaldehyde	77	5.377	5.377	0.0	91	205766	5.50	
38 3-Methylcyclohexanone	69	5.430	5.414	0.016	44	34857	0	
41 Phenol	94	5.441	5.441	0.0	99	312919	5.21	
39 4-Methylcyclohexanone	55	5.441	5.462	-0.021	30	27428	0	
42 Phenylmercaptan	110		5.473					
43 Aniline	93	5.473	5.473	0.0	89	390148	5.19	
44 Bis(2-chloroethyl)ether	93	5.532	5.532	0.0	93	235051	5.06	
46 2-Chlorophenol	128	5.580	5.585	-0.005	97	252481	5.20	
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146	5.730	5.724	0.006	97	264098	5.05	
48 1,4-Dichlorobenzene	146	5.794	5.794	0.0	92	263155	5.06	
49 Benzyl alcohol	108	5.895	5.895	0.0	90	155356	5.19	
50 1,2-Dichlorobenzene	146	5.933	5.933	0.0	95	256915	5.18	
51 2-Methylphenol	108	5.992	5.992	0.0	94	228603	5.22	
52 2,2'-oxybis[1-chloropropane]	45	6.018	6.019	0.0	91	358324	5.26	
53 Indene	115		6.066					9
191 3 & 4 Methylphenol	108	6.125	6.125	0.0	96	236442	5.15	
56 N-Nitrosodi-n-propylamine	70	6.131	6.131	0.0	91	170843	5.25	
57 Acetophenone	105	6.136	6.136	0.0	90	333632	5.14	
55 N-Nitrosopyrrolidine	100		6.216					
60 Hexachloroethane	117	6.232	6.238	-0.006	93	110563	5.23	
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					9
61 Nitrobenzene	77	6.286	6.291	-0.005	86	265723	5.30	
63 Isophorone	82	6.495	6.495	0.0	99	452241	5.14	
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139	6.569	6.569	0.0	93	125674	5.32	
66 1,3,5-Trichlorobenzene	180	6.575	6.575	0.0	94	229447	5.24	
64 2,4-Dimethylphenol	107	6.591	6.591	0.0	92	247247	5.33	
69 Benzoic acid	122	6.644	6.660	-0.016	84	251890	9.09	
68 Bis(2-chloroethoxy)methane	93	6.676	6.676	0.0	98	280659	5.02	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
71 2,4-Dichlorophenol	162	6.773	6.773	0.0	95	191325	5.22	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180	6.848	6.848	0.0	93	223034	5.10	
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128	6.922	6.922	0.0	96	699950	5.07	
74 4-Chloroaniline	127	6.960	6.960	0.0	84	294763	5.01	
77 Hexachlorobutadiene	225	7.019	7.019	0.0	93	125736	5.31	
78 1,2,3-Trichlorobenzene	180	7.045	7.045	0.0	88	215479	0	
75 2,6-Dichlorophenol	162		7.066					9
76 Hexachloropropene	213		7.093					9
79 Benzothiazole	135		7.195					9
83 Caprolactam	113	7.238	7.243	-0.005	73	68304	4.87	
80 Quinoline	129		7.259					
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.361	7.361	0.0	94	206483	5.24	
85 2-Methylnaphthalene	142	7.511	7.511	0.0	89	448772	5.09	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.596	7.596	0.0	83	426209	5.08	
88 Hexachlorocyclopentadiene	237	7.639	7.639	0.0	74	132435	5.27	
87 1,2,3,5-Tetrachlorobenzene	216	7.639	7.639	0.0	95	225148	5.34	
90 2,4,6-Trichlorophenol	196	7.746	7.746	0.0	89	138133	5.29	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
91 2,4,5-Trichlorophenol	196	7.773	7.778	-0.005	95	151687	5.39	
94 2,4-Toluene diamine	121	7.885	7.885	0.0	97	158875	5.65	
96 1,2,3,4 -Tetrachlorobenzene	216	7.896	7.896	0.0	90	215880	0	
95 1,1'-Biphenyl	154	7.901	7.901	0.0	92	557220	5.09	
98 2-Chloronaphthalene	162	7.928	7.928	0.0	95	446689	5.22	
227 Isosafrole Peak 2	162		7.960					
97 3,4-Dichloronitrobenzene	109		7.986					9
100 2-Nitroaniline	65	8.003	8.003	0.0	80	141179	5.62	
99 Phenyl ether	170		8.040					9
103 Dimethyl phthalate	163	8.142	8.147	-0.005	98	468020	5.14	
101 1,4-Naphthoquinone	158		8.168					
105 2,6-Dinitrotoluene	165	8.201	8.201	0.0	90	102632	5.11	
102 1,4-Dinitrobenzene	168		8.211					
106 1,2-Dinitrobenzene	168	8.249	8.249	0.0	89	53869	5.33	
104 1,3-Dinitrobenzene	168		8.275					
107 Acenaphthylene	152	8.281	8.281	0.0	90	723532	5.12	
108 3-Nitroaniline	138	8.345	8.351	-0.006	95	130402	5.72	
110 Acenaphthene	153	8.425	8.425	0.0	92	436985	5.14	
109 2,4-Dinitrophenol	184	8.436	8.436	0.0	81	123012	9.84	
111 4-Nitrophenol	109	8.468	8.468	0.0	95	67718	5.16	
112 2,4-Dinitrotoluene	165	8.543	8.543	0.0	88	143893	5.31	
114 Dibenzofuran	168	8.570	8.570	0.0	88	638945	5.06	
115 2,3,5,6-Tetrachlorophenol	232	8.629	8.629	0.0	85	128684	5.55	
113 Pentachlorobenzene	250		8.633					
116 1-Naphthylamine	143		8.735					
119 Diethyl phthalate	149	8.730	8.736	-0.006	97	490044	5.15	
117 2,3,4,6-Tetrachlorophenol	232		8.762					9
118 2-Naphthylamine	143		8.799					9
121 4-Chlorophenyl phenyl ether	204	8.848	8.848	0.0	91	255850	5.34	
124 Fluorene	166	8.859	8.859	0.0	93	529046	5.22	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.859	8.864	-0.005	75	127160	5.21	
126 4,6-Dinitro-2-methylphenol	198	8.885	8.885	0.0	84	78515	4.73	
120 Thionazin	97		8.901					9
130 N-Nitrosodiphenylamine	169	8.944	8.944	0.0	0	373275	4.89	
122 N-Nitro-o-toluidine	152		8.954					
131 Azobenzene	77	8.982	8.982	0.0	99	531697	4.94	
129 1,2-Diphenylhydrazine	77	8.982	8.982	0.0	0	531697	4.94	
125 Tributyl phosphate	99		8.992					
128 Diphenylamine	169		9.040					
132 Sulfotepp	202		9.152					
133 1,3,5-Trinitrobenzene	213		9.238					9
137 4-Bromophenyl phenyl ether	248	9.260	9.260	0.0	64	139282	4.94	
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					9
139 Hexachlorobenzene	284	9.324	9.324	0.0	92	150857	5.19	
230 Diallate Peak 2	86		9.356					
140 Atrazine	200	9.377	9.377	0.0	93	114455	5.51	
138 Dimethoate	87		9.430					9
141 Pentachlorophenol	266	9.484	9.484	0.0	88	190642	9.98	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					9
146 Phenanthrene	178	9.672	9.672	0.0	97	723999	4.79	
147 Anthracene	178	9.714	9.714	0.0	98	753265	5.02	
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
148 DFTPP								
149 Carbazole	167	9.843	9.843	0.0	82	729895	5.01	
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.105	10.105	0.0	100	844671	5.16	
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					9
157 Fluoranthene	202	10.677	10.677	0.0	97	855735	5.13	
158 Benzidine	184	10.768	10.773	-0.005	98	425902	4.80	
160 Pyrene	202	10.875	10.875	0.0	98	922991	5.18	
164 4,4'-DDE	246		10.939					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.287					9
166 Butyl benzyl phthalate	149	11.447	11.447	0.0	97	358186	5.03	
165 Famphur	218		11.522					
168 4,4'-DDT	235		11.565					9
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.030	12.030	0.0	90	170298	4.94	
173 3,3'-Dichlorobenzidine	252	12.068	12.068	0.0	65	309905	5.11	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.068	12.068	0.0	64	142711	5.18	
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	95	524269	5.22	
175 Benzo[a]anthracene	228	12.116	12.116	0.0	93	796652	5.12	
176 Chrysene	228	12.159	12.164	-0.005	94	764422	5.15	
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149	12.961	12.961	0.0	99	779935	4.96	
180 Benzo[b]fluoranthene	252	13.565	13.565	0.0	91	787103	5.37	
181 Benzo[k]fluoranthene	252	13.603	13.608	-0.005	99	849490	5.34	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	14.047	14.052	-0.005	75	781812	5.29	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					
186 Indeno[1,2,3-cd]pyrene	276	15.737	15.742	-0.005	92	829919	5.10	
187 Dibenz(a,h)anthracene	278	15.764	15.769	-0.005	73	707887	5.10	
188 Benzo[g,h,i]perylene	276	16.149	16.154	-0.005	89	725132	5.51	
S 189 Methyl Phenols,Total	100				0		5.22	
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	7.217	0.0	7.217	90	34095	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.050	3.053	0.0	1	116	0	
T 194 Octadecane (TIC)	254	15.363	6.300	9.063	86	8487	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

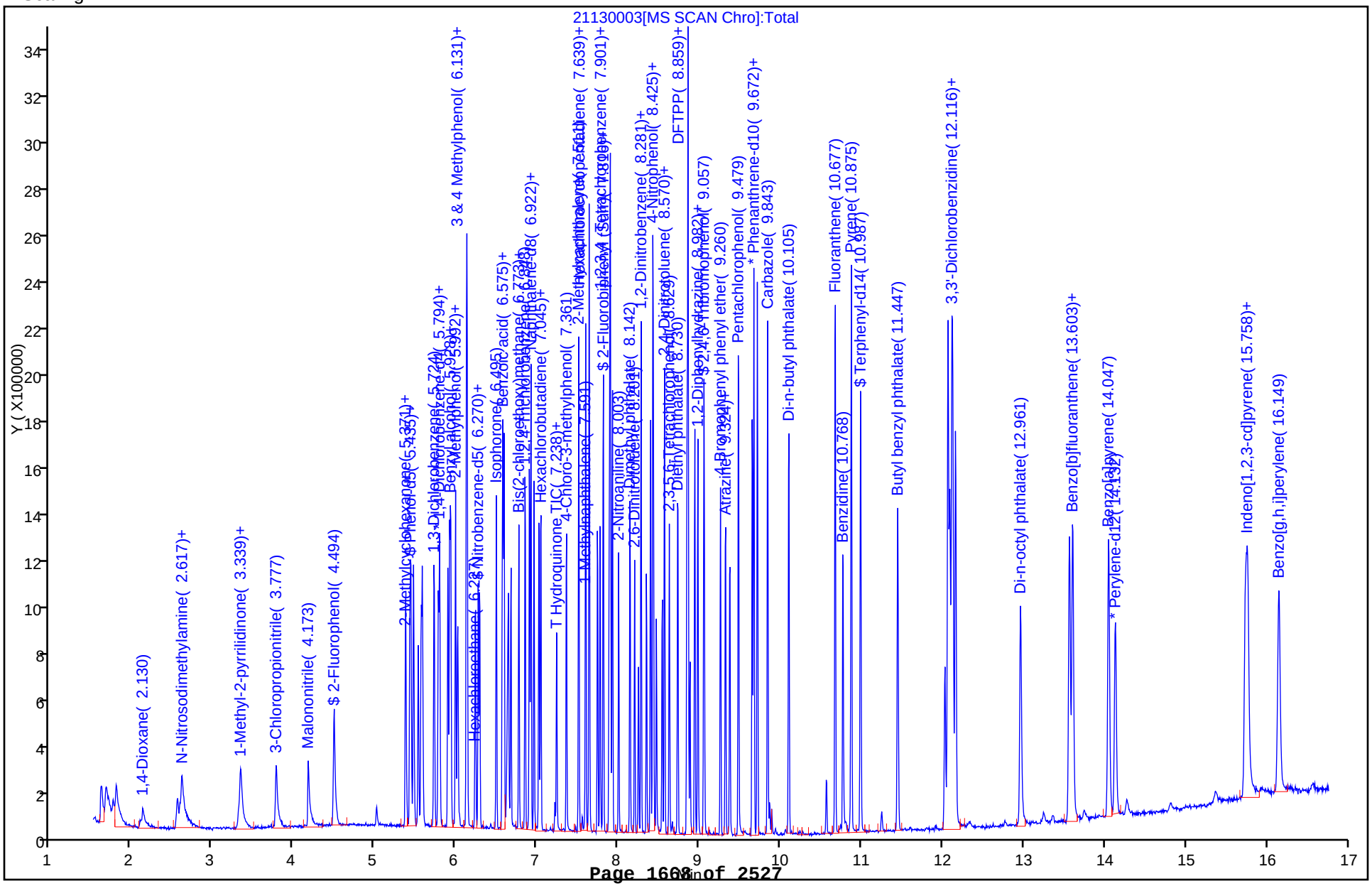
Report Date: 03-Dec-2012 10:35:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130003.D

Injection Date:	30-Nov-2012 09:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66878	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66878/23

Matrix: Solid | Lab File ID: 21130023.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/30/2012 17:01

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.98		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.03		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.18		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.19		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.12		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.16		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.34		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	8.19		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.34		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.27		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.38		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.38		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.41		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.55		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.22		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.96		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.45		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.19		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.25		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.43		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.12		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.94		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.92		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.33		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.31		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.15		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.31		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.31		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.09		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.43		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.11		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.27		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.73		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	8.19		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66878/23

Matrix: Solid | Lab File ID: 21130023.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/30/2012 17:01

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.42		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.60		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.32		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.17		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.99		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.26		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.49		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	3.63		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.09		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.11		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.35		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.14		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.26		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.37		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.13		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.59		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.53		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.20		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.62		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.38		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.79		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.49		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.99		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.2		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.90		0.00020	0.00010	0.00010
108-95-2	Phenol	5.32		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.03		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.50		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.21		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.25		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66878/23

Matrix: Solid | Lab File ID: 21130023.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/30/2012 17:01

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	104		50-150
367-12-4	2-Fluorophenol (Surr)	104		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	113	Q	50-150
4165-62-2	Phenol-d5 (Surr)	107	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	105		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	117		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130023.D
Lims ID: mrl qccl Client ID:
Inject. Date: 30-Nov-2012 17:01:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015418-023
Misc. Info.: mrl qccl
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 66878 Lims Sample ID: 23
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m
Last Update: 03-Dec-2012 10:35:45 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: XAWRK014

First Level Reviewer: gruberj Date: 03-Dec-2012 10:21:12

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.778	5.778	0.0	95	165845	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	100	641256	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	-0.001	90	379252	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	97	658653	4.00	
* 5 Chrysene-d12	240	12.132	12.132	0.0	89	668346	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	94	575957	4.00	
$ 7 2-Fluorophenol	112	4.494	4.494	0.0	90	266536	5.20	
$ 8 Phenol-d5	99	5.425	5.425	0.0	91	348935	5.36	
$ 9 Nitrobenzene-d5	82	6.270	6.270	0.0	90	318881	5.66	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	99	638220	5.19	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	91	91993	5.86	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	647631	5.23	
19 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
24 1,4-Dioxane	88	2.135	2.130	0.005	90	94715	4.92	
25 N-Nitrosodimethylamine	74	2.563	2.558	0.005	86	169284	5.29	
26 Pyridine	79	2.617	2.611	0.006	93	290899	5.27	
232 1-Methyl-2-pyrrilidinone	99	3.339	3.271	0.068	0	42839	0	
27 Ethyl methacrylate	69	3.339	3.339	0.0	93	215554	4.70	
18 Dimethylformamide	73		3.545					9
28 3-Chloropropionitrile	54	3.777	3.777	0.0	86	179753	5.88	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.173	4.173	0.0	98	315171	5.46	
33 Acrylamide	71	4.344	4.349	-0.005	1	178	0	
34 Methyl methanesulfonate	80		4.451					9
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.547	4.536	0.011	0	2297	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.403	5.376	0.027	1	100	0	
40 Benzaldehyde	77	5.377	5.377	0.0	91	241210	5.58	
38 3-Methylcyclohexanone	69	5.425	5.414	0.011	34	41415	0	
41 Phenol	94	5.441	5.441	0.0	99	369429	5.32	
39 4-Methylcyclohexanone	55	5.441	5.462	-0.021	23	31060	0	
42 Phenylmercaptan	110		5.473					
43 Aniline	93	5.473	5.473	0.0	88	452626	5.22	
44 Bis(2-chloroethyl)ether	93	5.532	5.532	0.0	94	288521	5.38	
46 2-Chlorophenol	128	5.580	5.585	-0.005	97	294360	5.25	
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146	5.724	5.724	0.0	96	320988	5.31	
48 1,4-Dichlorobenzene	146	5.794	5.794	0.0	92	308905	5.15	
49 Benzyl alcohol	108	5.895	5.895	0.0	92	182174	5.27	
50 1,2-Dichlorobenzene	146	5.933	5.933	0.0	94	305258	5.33	
51 2-Methylphenol	108	5.992	5.992	0.0	97	266150	5.26	
52 2,2'-oxybis[1-chloropropane]	45	6.018	6.019	0.0	91	435501	5.54	
53 Indene	115		6.066					9
191 3 & 4 Methylphenol	108	6.125	6.125	0.0	96	284639	5.37	
56 N-Nitrosodi-n-propylamine	70	6.131	6.131	0.0	90	206158	5.49	
57 Acetophenone	105	6.136	6.136	0.0	93	386527	5.16	
55 N-Nitrosopyrrolidine	100		6.216					
60 Hexachloroethane	117	6.232	6.238	-0.006	92	124296	5.09	
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
61 Nitrobenzene	77	6.291	6.291	0.0	83	327741	5.62	
63 Isophorone	82	6.494	6.495	-0.001	97	547615	5.35	
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139	6.569	6.569	0.0	93	147407	5.38	
66 1,3,5-Trichlorobenzene	180	6.580	6.575	0.005	97	276077	5.43	
64 2,4-Dimethylphenol	107	6.591	6.591	0.0	87	292485	5.43	
69 Benzoic acid	122	6.644	6.660	-0.016	83	257894	8.19	
68 Bis(2-chloroethoxy)methane	93	6.676	6.676	0.0	98	349784	5.38	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
71 2,4-Dichlorophenol	162	6.773	6.773	0.0	95	226014	5.31	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180	6.853	6.848	0.005	93	279600	5.50	
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128	6.922	6.922	0.0	96	821576	5.13	
74 4-Chloroaniline	127	6.960	6.960	0.0	85	358261	5.25	
77 Hexachlorobutadiene	225	7.019	7.019	0.0	95	150970	5.49	
78 1,2,3-Trichlorobenzene	180	7.045	7.045	0.0	90	254936	0	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					9
79 Benzothiazole	135		7.195					9
83 Caprolactam	113	7.238	7.243	-0.005	74	81857	5.02	
80 Quinoline	129		7.259					
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.361	7.361	0.0	96	249422	5.45	
85 2-Methylnaphthalene	142	7.511	7.511	0.0	87	526549	5.14	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.596	7.596	0.0	91	495858	5.08	
88 Hexachlorocyclopentadiene	237	7.639	7.639	0.0	65	111489	3.63	
87 1,2,3,5-Tetrachlorobenzene	216	7.639	7.639	0.0	96	279993	5.43	
90 2,4,6-Trichlorophenol	196	7.746	7.746	0.0	90	167935	5.25	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
91 2,4,5-Trichlorophenol	196	7.773	7.778	-0.005	95	179578	5.21	
94 2,4-Toluene diamine	121	7.885	7.885	0.0	97	163080	5.00	
96 1,2,3,4 -Tetrachlorobenzene	216	7.896	7.896	0.0	95	269376	0	
95 1,1'-Biphenyl	154	7.901	7.901	0.0	95	635905	4.75	
98 2-Chloronaphthalene	162	7.928	7.928	0.0	91	543544	5.19	
227 Isosafrole Peak 2	162		7.960					
97 3,4-Dichloronitrobenzene	109		7.986					9
100 2-Nitroaniline	65	8.003	8.003	0.0	80	171833	5.59	
99 Phenyl ether	170		8.040					9
103 Dimethyl phthalate	163	8.142	8.147	-0.005	98	568890	5.11	
101 1,4-Naphthoquinone	158		8.168					
105 2,6-Dinitrotoluene	165	8.201	8.201	0.0	94	138477	5.60	
102 1,4-Dinitrobenzene	168		8.211					
106 1,2-Dinitrobenzene	168	8.249	8.249	0.0	89	70831	5.73	
104 1,3-Dinitrobenzene	168		8.275					
107 Acenaphthylene	152	8.281	8.281	0.0	90	870770	5.03	
108 3-Nitroaniline	138	8.350	8.351	-0.001	95	154086	5.53	
110 Acenaphthene	153	8.425	8.425	0.0	95	518598	4.98	
109 2,4-Dinitrophenol	184	8.436	8.436	0.0	87	117672	8.19	
111 4-Nitrophenol	109	8.468	8.468	0.0	95	76860	4.79	
112 2,4-Dinitrotoluene	165	8.543	8.543	0.0	84	179924	5.42	
114 Dibenzofuran	168	8.570	8.570	0.0	88	759959	4.92	
115 2,3,5,6-Tetrachlorophenol	232	8.628	8.629	-0.001	87	147302	5.19	
113 Pentachlorobenzene	250		8.633					9
116 1-Naphthylamine	143		8.735					
119 Diethyl phthalate	149	8.735	8.736	-0.001	97	592727	5.09	
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
121 4-Chlorophenyl phenyl ether	204	8.848	8.848	0.0	91	318729	5.43	
124 Fluorene	166	8.858	8.859	-0.001	81	618297	4.99	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.864	8.864	0.0	57	155305	5.20	
126 4,6-Dinitro-2-methylphenol	198	8.885	8.885	0.0	83	93460	4.73	
120 Thionazin	97		8.901					9
130 N-Nitrosodiphenylamine	169	8.944	8.944	0.0	0	453323	4.99	
122 N-Nitro-o-toluidine	152		8.954					9
131 Azobenzene	77	8.982	8.982	0.0	99	641168	5.00	
129 1,2-Diphenylhydrazine	77	8.982	8.982	0.0	0	640742	5.00	
125 Tributyl phosphate	99		8.992					
128 Diphenylamine	169		9.040					
132 Sulfotepp	202		9.152					
133 1,3,5-Trinitrobenzene	213		9.238					
137 4-Bromophenyl phenyl ether	248	9.260	9.260	0.0	65	186512	5.55	
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					9
139 Hexachlorobenzene	284	9.324	9.324	0.0	91	181869	5.26	
230 Diallate Peak 2	86		9.356					1
140 Atrazine	200	9.377	9.377	0.0	93	142535	5.77	
138 Dimethoate	87		9.430					9
141 Pentachlorophenol	266	9.484	9.484	0.0	88	232063	10.2	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					9
146 Phenanthrene	178	9.671	9.672	-0.001	97	881839	4.90	
147 Anthracene	178	9.714	9.714	0.0	97	926201	5.18	
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
148 DFTPP								
149 Carbazole	167	9.843	9.843	0.0	82	861827	4.96	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.105	10.105	0.0	99	1028806	5.27	
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					9
157 Fluoranthene	202	10.677	10.677	0.0	97	1026533	5.17	
158 Benzidine	184	10.773	10.773	0.0	99	509185	4.79	
160 Pyrene	202	10.875	10.875	0.0	96	1073206	5.03	
164 4,4'-DDE	246		10.939					
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.287					9
166 Butyl benzyl phthalate	149	11.447	11.447	0.0	97	445182	5.22	
165 Famphur	218		11.522					
168 4,4'-DDT	235		11.565					9
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.030	12.030	0.0	94	218278	5.23	
173 3,3'-Dichlorobenzidine	252	12.068	12.068	0.0	64	386505	5.31	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.068	12.068	0.0	67	174797	5.29	
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	95	651847	5.41	
175 Benzo[a]anthracene	228	12.116	12.116	0.0	95	968613	5.19	
176 Chrysene	228	12.164	12.164	0.0	92	909550	5.12	
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149	12.966	12.961	0.005	99	1054661	5.32	
180 Benzo[b]fluoranthene	252	13.571	13.565	0.006	94	948471	5.16	
181 Benzo[k]fluoranthene	252	13.608	13.608	0.0	96	1065741	5.34	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	14.052	14.052	0.0	75	946306	5.12	
183 3-Methylcholanthrene	268		14.774					
184 Dibenz[a,j]acridine	279		15.501					9
185 Dibenz[a,h]acridine	279		15.576					
186 Indeno[1,2,3-cd]pyrene	276	15.742	15.742	0.0	97	1043367	5.11	
187 Dibenz(a,h)anthracene	278	15.769	15.769	0.0	73	858000	4.94	
188 Benzo[g,h,i]perylene	276	16.154	16.154	0.0	90	881018	5.34	
S 189 Methyl Phenols,Total	100				0		5.26	
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	7.216	0.0	7.216	86	41947	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.034	3.053	-0.016	18	124	0	
T 194 Octadecane (TIC)	254	13.244	6.300	6.944	80	17482	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

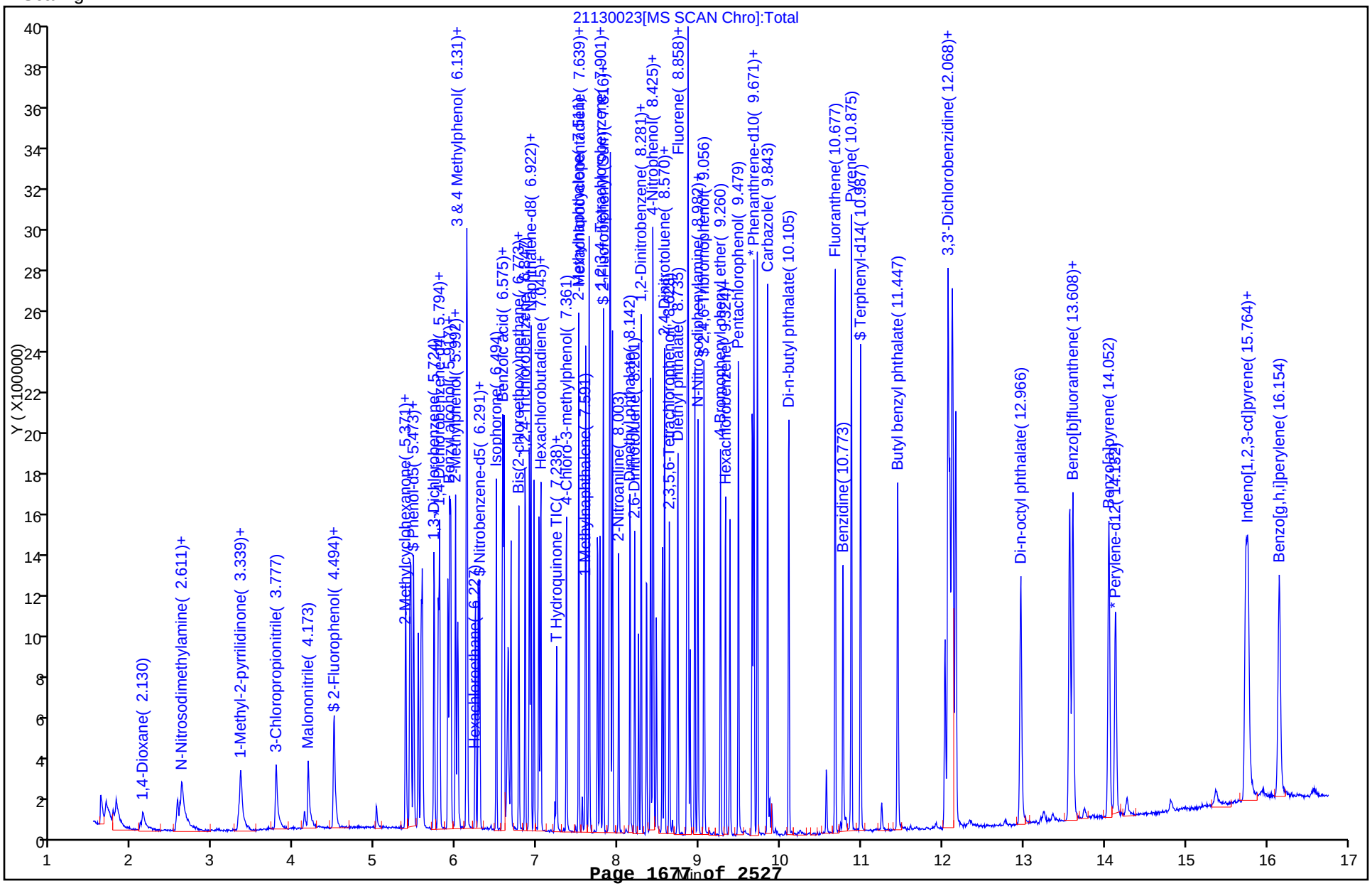
Report Date: 03-Dec-2012 10:36:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130023.D

Injection Date:	30-Nov-2012 17:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	23
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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67052/3

Matrix: Solid | Lab File ID: 21203003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/03/2012 11:16

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.94		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.14		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.10		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.13		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.19		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.30		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.19		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	8.26		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.66		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.06		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.22		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.14		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	4.93		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.29		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.99		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.11		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	5.08		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.08		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.28		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.13		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.58		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.93		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.10		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.96		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.13		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	4.73		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.40		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.27		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.37		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.15		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.21		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.62		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	8.64		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67052/3

Matrix: Solid | Lab File ID: 21203003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/03/2012 11:16

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.17		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.20		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.88		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.10		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.10		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.27		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.31		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.55		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	4.86		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.37		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.18		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.01		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.07		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.13		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.47		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.45		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	4.96		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.62		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.20		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.26		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	4.94		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.4		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.89		0.00020	0.00010	0.00010
108-95-2	Phenol	5.21		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.15		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.27		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.32		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.28		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67052/3

Matrix: Solid | Lab File ID: 21203003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/03/2012 11:16

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	102		50-150
367-12-4	2-Fluorophenol (Surr)	103		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	111	Q	50-150
4165-62-2	Phenol-d5 (Surr)	106	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	103		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	107		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203003.D		
Lims ID:	mrl qc	Client ID:	
Inject. Date:	03-Dec-2012 11:16:30	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015460-003		
Misc. Info.:	mrl qc		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	67052	Lims Sample ID:	3
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\8270_hp7.m		
Last Update:	04-Dec-2012 11:17:47	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:	XAWRK009		
First Level Reviewer: gruberj		Date:	03-Dec-2012 12:37:25

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.744	5.744	0.0	97	155205	4.00	
* 2 Naphthalene-d8	136	6.872	6.872	0.0	99	579661	4.00	
* 3 Acenaphthene-d10	164	8.365	8.365	0.0	93	337131	4.00	
* 4 Phenanthrene-d10	188	9.616	9.616	0.0	98	592902	4.00	
* 5 Chrysene-d12	240	12.077	12.077	0.0	97	590112	4.00	
* 6 Perylene-d12	264	14.066	14.066	0.0	95	451487	4.00	
$ 7 2-Fluorophenol	112	4.455	4.455	0.0	92	248276	5.17	
$ 8 Phenol-d5	99	5.396	5.396	0.0	95	322686	5.30	
$ 9 Nitrobenzene-d5	82	6.241	6.241	0.0	88	283548	5.56	
$ 10 2-Fluorobiphenyl (Surr)	172	7.782	7.782	0.0	100	559545	5.12	
$ 11 2,4,6-Tribromophenol	330	9.028	9.028	0.0	88	74315	5.33	
$ 12 Terphenyl-d14	244	10.953	10.953	0.0	98	560303	5.13	
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol 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					
23 Octachlorocyclopentene	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
24 1,4-Dioxane	88	2.091	2.085	0.006	95	86278	4.79	
25 N-Nitrosodimethylamine	74	2.503	2.503	0.001	88	149549	5.01	
26 Pyridine	79	2.561	2.556	0.005	92	269722	5.23	
232 1-Methyl-2-pyrrilidinone	99	3.283	3.271	0.012	0	37102	0	
27 Ethyl methacrylate	69	3.283	3.283	0.0	91	209837	4.89	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.733	3.733	0.0	90	149685	5.23	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.134	4.134	0.0	98	288863	5.35	
33 Acrylamide	71	4.385	4.349	0.036	1	114	0	
34 Methyl methanesulfonate	80		4.451					9
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.508	4.536	-0.028	0	1724	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
40 Benzaldehyde	77	5.343	5.343	0.0	93	227831	5.63	
37 2-Methylcyclohexanone	68	5.369	5.376	-0.007	1	440	0	
41 Phenol	94	5.407	5.407	0.0	99	338254	5.21	
38 3-Methylcyclohexanone	69	5.428	5.414	0.014	1	704	0	
43 Aniline	93	5.439	5.439	0.0	97	411341	5.06	
39 4-Methylcyclohexanone	55	5.498	5.462	0.036	1	699	0	
42 Phenylmercaptan	110		5.473					
44 Bis(2-chloroethyl)ether	93	5.498	5.498	0.0	95	257584	5.14	
46 2-Chlorophenol	128	5.551	5.551	0.0	97	266597	5.08	
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146	5.690	5.696	-0.006	94	280446	4.96	
48 1,4-Dichlorobenzene	146	5.760	5.760	0.0	91	287937	5.13	
49 Benzyl alcohol	108	5.867	5.867	0.0	91	163482	5.06	
50 1,2-Dichlorobenzene	146	5.899	5.899	0.0	91	273280	5.10	
51 2-Methylphenol	108	5.958	5.958	0.0	97	237068	5.01	
52 2,2'-oxybis[1-chloropropane]	45	5.984	5.984	0.0	89	395613	5.37	
53 Indene	115		6.066					9
191 3 & 4 Methylphenol	108	6.091	6.091	0.0	96	251549	5.07	
57 Acetophenone	105	6.102	6.102	0.0	91	362822	5.17	
56 N-Nitrosodi-n-propylamine	70	6.097	6.102	-0.005	89	180017	5.12	
60 Hexachloroethane	117	6.204	6.204	0.0	93	117448	5.14	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
61 Nitrobenzene	77	6.257	6.257	0.0	84	295885	5.62	
59 2-Toluidine	106		6.269					
63 Isophorone	82	6.461	6.466	-0.005	99	496198	5.37	
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139	6.535	6.535	0.0	96	128864	5.20	
66 1,3,5-Trichlorobenzene	180	6.546	6.546	0.0	93	243528	5.30	
64 2,4-Dimethylphenol	107	6.562	6.562	0.0	93	261561	5.37	
69 Benzoic acid	122	6.610	6.632	-0.022	86	235803	8.26	
68 Bis(2-chloroethoxy)methane	93	6.642	6.642	0.0	98	306527	5.22	
71 2,4-Dichlorophenol	162	6.739	6.739	0.0	96	207898	5.40	
67 o,o',o''-Triethylphosphorothioat	198		6.740					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180	6.819	6.819	0.0	89	241869	5.27	
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128	6.888	6.888	0.0	97	742716	5.13	
74 4-Chloroaniline	127	6.926	6.926	0.0	85	308532	5.00	
77 Hexachlorobutadiene	225	6.990	6.990	0.0	92	132065	5.31	
78 1,2,3-Trichlorobenzene	180	7.011	7.011	0.0	91	232862	0	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					
79 Benzothiazole	135		7.195					9
83 Caprolactam	113	7.204	7.215	-0.011	74	73720	5.00	
80 Quinoline	129		7.259					
84 4-Chloro-3-methylphenol	107	7.327	7.327	0.0	94	218698	5.29	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
85 2-Methylnaphthalene	142	7.477	7.477	0.0	89	480187	5.18	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.562	7.562	0.0	83	459842	5.22	
87 1,2,3,5-Tetrachlorobenzene	216	7.605	7.605	0.0	95	233091	5.09	
88 Hexachlorocyclopentadiene	237	7.610	7.610	0.0	83	124418	4.55	
90 2,4,6-Trichlorophenol	196	7.712	7.712	0.0	91	149933	5.28	
91 2,4,5-Trichlorophenol	196	7.744	7.744	0.0	94	162933	5.32	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
94 2,4-Toluene diamine	121	7.851	7.857	-0.005	98	139187	4.72	
96 1,2,3,4 -Tetrachlorobenzene	216	7.862	7.862	0.0	95	231540	0	
95 1,1'-Biphenyl	154	7.867	7.873	-0.006	95	589652	4.95	
98 2-Chloronaphthalene	162	7.894	7.894	0.0	91	473236	5.08	
227 Isosafrole Peak 2	162		7.960					
100 2-Nitroaniline	65	7.969	7.969	0.0	81	149357	5.47	
97 3,4-Dichloronitrobenzene	109		7.986					9
99 Phenyl ether	170		8.040					9
103 Dimethyl phthalate	163	8.113	8.113	0.0	99	510296	5.15	
101 1,4-Naphthoquinone	158		8.168					
105 2,6-Dinitrotoluene	165	8.167	8.172	-0.005	93	113750	5.20	
102 1,4-Dinitrobenzene	168		8.211					
106 1,2-Dinitrobenzene	168	8.215	8.220	-0.005	88	60720	5.53	
107 Acenaphthylene	152	8.247	8.247	0.0	92	790001	5.14	
104 1,3-Dinitrobenzene	168		8.275					
108 3-Nitroaniline	138	8.316	8.316	0.0	94	135127	5.45	
110 Acenaphthene	153	8.391	8.391	0.0	85	457285	4.94	
109 2,4-Dinitrophenol	184	8.402	8.402	0.0	76	112613	8.64	
111 4-Nitrophenol	109	8.440	8.440	0.0	93	75083	5.26	
112 2,4-Dinitrotoluene	165	8.509	8.509	0.0	87	152041	5.17	
114 Dibenzofuran	168	8.536	8.536	0.0	88	676254	4.93	
115 2,3,5,6-Tetrachlorophenol	232	8.595	8.595	0.0	90	136793	5.42	
113 Pentachlorobenzene	250		8.633					
119 Diethyl phthalate	149	8.702	8.702	0.0	97	545575	5.27	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					9
118 2-Naphthylamine	143		8.799					9
121 4-Chlorophenyl phenyl ether	204	8.814	8.814	0.0	91	275296	5.28	
124 Fluorene	166	8.825	8.825	0.0	92	562436	5.10	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.825	8.830	-0.005	80	131206	4.96	
126 4,6-Dinitro-2-methylphenol	198	8.851	8.851	0.0	84	81786	4.62	
120 Thionazin	97		8.901					9
130 N-Nitrosodiphenylamine	169	8.910	8.910	0.0	0	403981	4.94	
131 Azobenzene	77	8.948	8.948	0.0	99	597807	5.18	
129 1,2-Diphenylhydrazine	77	8.948	8.948	0.0	0	597807	5.18	
122 N-Nitro-o-toluidine	152		8.954					9
125 Tributyl phosphate	99		8.992					9
128 Diphenylamine	169		9.040					9
132 Sulfotepp	202		9.152					
137 4-Bromophenyl phenyl ether	248	9.226	9.226	0.0	67	160020	5.29	
133 1,3,5-Trinitrobenzene	213		9.238					9
228 Diallate Peak 1	86		9.275					1
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					9
139 Hexachlorobenzene	284	9.290	9.290	0.0	91	164209	5.27	
140 Atrazine	200	9.343	9.343	0.0	89	123840	5.56	
230 Diallate Peak 2	86		9.356					
138 Dimethoate	87		9.430					9
141 Pentachlorophenol	266	9.450	9.450	0.0	90	213712	10.4	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					9
146 Phenanthrene	178	9.638	9.638	0.0	97	791631	4.89	
147 Anthracene	178	9.680	9.680	0.0	97	820731	5.10	
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
149 Carbazole	167	9.809	9.809	0.0	82	799397	5.11	
148 DFTPP								
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.071	10.071	0.0	100	914219	5.21	
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
157 Fluoranthene	202	10.638	10.638	0.0	98	912657	5.10	
156 Isodrin	66		10.655					9
158 Benzidine	184	10.734	10.734	0.0	99	359207	3.93	
160 Pyrene	202	10.836	10.836	0.0	97	969265	5.15	
164 4,4'-DDE	246		10.900					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
163 4,4'-DDD	235		11.210					9
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
166 Butyl benzyl phthalate	149	11.408	11.408	0.0	96	375206	4.99	
168 4,4'-DDT	235		11.520					9
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	11.980	11.986	-0.006	93	98350	3.05	
173 3,3'-Dichlorobenzidine	252	12.018	12.018	0.0	69	301984	4.73	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.018	12.018	0.0	65	134896	4.65	
171 Bis(2-ethylhexyl) phthalate	149	12.044	12.044	0.0	96	522356	4.93	
175 Benzo[a]anthracene	228	12.066	12.066	0.0	97	844686	5.13	
176 Chrysene	228	12.109	12.109	0.0	94	805622	5.13	
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149	12.906	12.911	-0.005	99	751810	4.88	
180 Benzo[b]fluoranthene	252	13.505	13.505	0.0	94	764018	5.30	
181 Benzo[k]fluoranthene	252	13.542	13.542	0.0	95	886234	5.66	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	13.981	13.986	-0.005	77	752266	5.19	
183 3-Methylcholanthrene	268		14.774					
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					
186 Indeno[1,2,3-cd]pyrene	276	15.660	15.660	0.0	93	777276	4.86	
187 Dibenz(a,h)anthracene	278	15.687	15.692	-0.005	75	621092	4.58	
188 Benzo[g,h,i]perylene	276	16.061	16.067	-0.006	92	671182	5.19	
S 189 Methyl Phenols,Total	100				0		5.01	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110	7.188	0.0	7.188	87	28240	0	
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.021	3.050	-0.029	1	143	0	
T 194 Octadecane (TIC)	254	13.692	6.300	7.392	87	59211	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

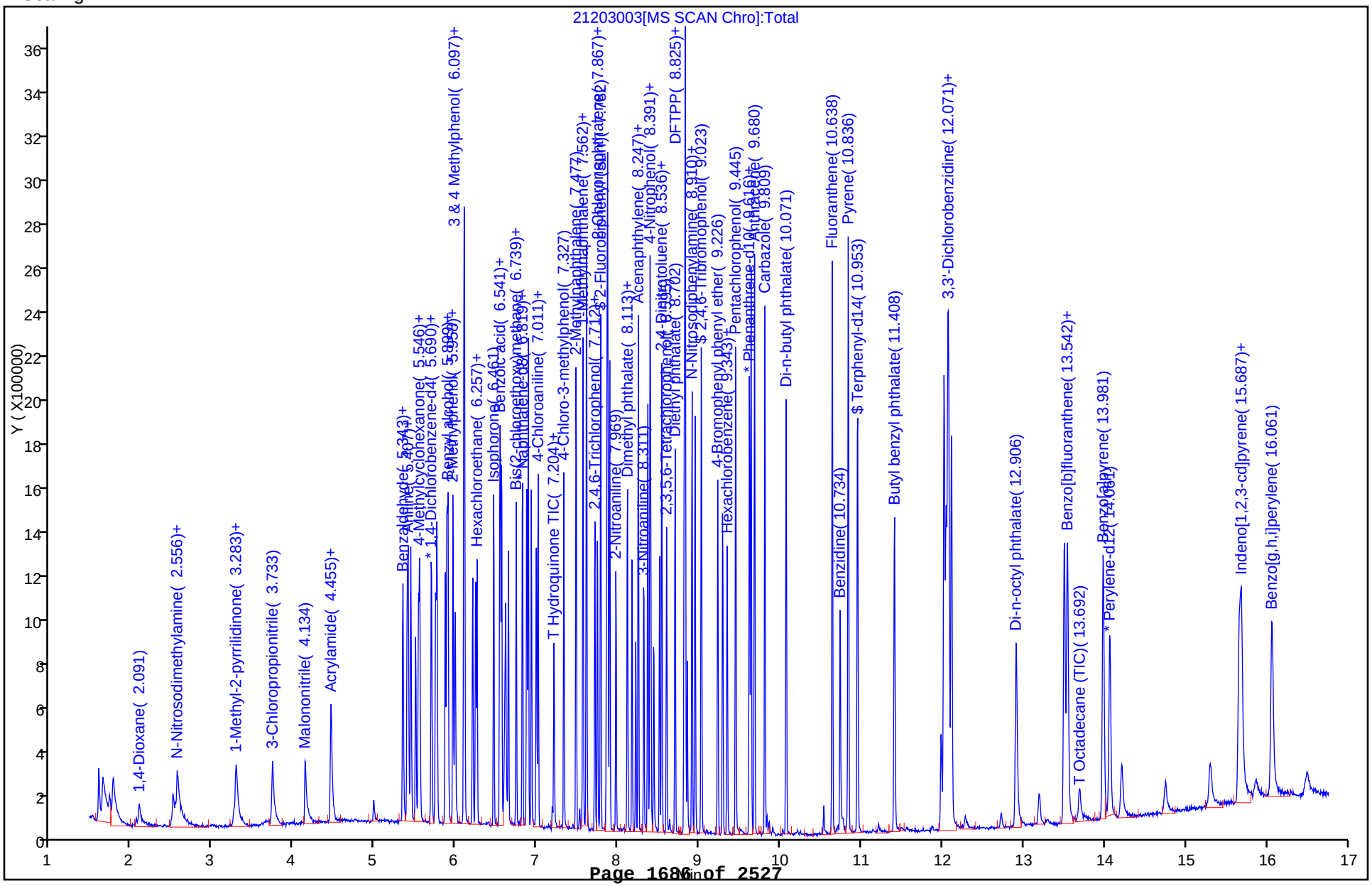
Report Date: 04-Dec-2012 11:17:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203003.D

Injection Date:	03-Dec-2012 11:16:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67052/18

Matrix: Solid | Lab File ID: 21203018.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/03/2012 17:58

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.17		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.08		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.14		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.19		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.08		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.18		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.59		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.57		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.12		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.27		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.03		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.13		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.18		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.29		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.16		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.06		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.43		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.00		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.21		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.13		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.22		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.47		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	5.02		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.12		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.04		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.13		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.18		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.19		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.15		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.20		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	5.23		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.01		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	7.23		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67052/18

Matrix: Solid | Lab File ID: 21203018.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/03/2012 17:58

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.45		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.40		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.37		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.19		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.07		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.27		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.10		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	3.14	^	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	4.55		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.36		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.16		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.33		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.21		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.15		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.53		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.50		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.27		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.40		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.27		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.14		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.39		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.04		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.2		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.95		0.00020	0.00010	0.00010
108-95-2	Phenol	5.24		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.10		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.16		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.33		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.36		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67052/18

Matrix: Solid | Lab File ID: 21203018.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/03/2012 17:58

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	100		50-150
367-12-4	2-Fluorophenol (Surr)	105		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	109	Q	50-150
4165-62-2	Phenol-d5 (Surr)	108	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	105		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	113		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203018.D		
Lims ID:	mrl qccl	Client ID:	
Inject. Date:	03-Dec-2012 17:58:30	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015460-018		
Misc. Info.:	mrl qccl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	67052	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121203-15460.b\8270_hp7.m		
Last Update:	04-Dec-2012 11:17:47	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:	XAWRK009		
First Level Reviewer: gruberj		Date:	04-Dec-2012 09:15:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.744	5.744	0.0	97	215290	4.00	
* 2 Naphthalene-d8	136	6.872	6.872	0.0	99	833398	4.00	
* 3 Acenaphthene-d10	164	8.365	8.365	0.0	92	488895	4.00	
* 4 Phenanthrene-d10	188	9.616	9.616	0.0	97	873054	4.00	
* 5 Chrysene-d12	240	12.077	12.077	0.0	96	872612	4.00	
* 6 Perylene-d12	264	14.066	14.066	0.0	97	729120	4.00	
$ 7 2-Fluorophenol	112	4.455	4.455	0.0	91	348570	5.24	
$ 8 Phenol-d5	99	5.396	5.396	0.0	90	454238	5.38	
$ 9 Nitrobenzene-d5	82	6.241	6.241	0.0	87	400624	5.47	
$ 10 2-Fluorobiphenyl (Surr)	172	7.782	7.782	0.0	99	791606	4.99	
$ 11 2,4,6-Tribromophenol	330	9.028	9.028	0.0	89	114002	5.64	
$ 12 Terphenyl-d14	244	10.948	10.953	-0.005	99	845472	5.23	
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol 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					
23 Octachlorocyclopentene	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
24 1,4-Dioxane	88	2.091	2.085	0.006	94	117682	4.71	
25 N-Nitrosodimethylamine	74	2.503	2.503	0.001	88	208900	5.04	
26 Pyridine	79	2.561	2.556	0.005	94	373230	5.21	
232 1-Methyl-2-pyrrilidinone	99	3.283	3.271	0.012	0	57786	0	
27 Ethyl methacrylate	69	3.283	3.283	0.0	92	302465	5.08	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.733	3.733	0.0	89	228755	5.76	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.139	4.134	0.005	98	404750	5.40	
33 Acrylamide	71	4.348	4.349	-0.001	11	80	0	
34 Methyl methanesulfonate	80		4.451					9
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.530	4.536	-0.006	0	3022	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					
40 Benzaldehyde	77	5.343	5.343	0.0	92	309527	5.51	
37 2-Methylcyclohexanone	68	5.402	5.376	0.026	31	17053	0	
41 Phenol	94	5.407	5.407	0.0	99	472266	5.24	
38 3-Methylcyclohexanone	69	5.396	5.414	-0.018	43	51810	0	
43 Aniline	93	5.439	5.439	0.0	97	591072	5.25	
39 4-Methylcyclohexanone	55	5.407	5.462	-0.055	20	40923	0	
42 Phenylmercaptan	110		5.473					
44 Bis(2-chloroethyl)ether	93	5.498	5.498	0.0	94	357203	5.13	
46 2-Chlorophenol	128	5.551	5.551	0.0	95	379427	5.21	
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146	5.696	5.696	0.0	97	395278	5.04	
48 1,4-Dichlorobenzene	146	5.760	5.760	0.0	90	399767	5.13	
49 Benzyl alcohol	108	5.867	5.867	0.0	93	236238	5.27	
50 1,2-Dichlorobenzene	146	5.899	5.899	0.0	89	380274	5.12	
51 2-Methylphenol	108	5.958	5.958	0.0	96	350191	5.33	
52 2,2'-oxybis[1-chloropropane]	45	5.985	5.984	0.001	90	551734	5.40	
53 Indene	115		6.066					9
191 3 & 4 Methylphenol	108	6.092	6.091	0.001	98	358466	5.21	
57 Acetophenone	105	6.102	6.102	0.0	93	504747	5.19	
56 N-Nitrosodi-n-propylamine	70	6.102	6.102	0.0	86	262869	5.39	
60 Hexachloroethane	117	6.204	6.204	0.0	93	162758	5.14	
55 N-Nitrosopyrrolidine	100		6.216					9
58 N-Nitrosomorpholine	56		6.248					9
61 Nitrobenzene	77	6.257	6.257	0.0	85	408711	5.40	
59 2-Toluidine	106		6.269					
63 Isophorone	82	6.461	6.466	-0.005	97	713008	5.36	
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139	6.535	6.535	0.0	96	187844	5.27	
66 1,3,5-Trichlorobenzene	180	6.546	6.546	0.0	96	356860	5.40	
64 2,4-Dimethylphenol	107	6.562	6.562	0.0	93	364368	5.20	
69 Benzoic acid	122	6.616	6.632	-0.016	87	404273	9.57	
68 Bis(2-chloroethoxy)methane	93	6.642	6.642	0.0	98	425010	5.03	
71 2,4-Dichlorophenol	162	6.739	6.739	0.0	96	287212	5.19	
67 o,o',o''-Triethylphosphorothioat	198		6.740					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180	6.819	6.819	0.0	93	340500	5.16	
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128	6.888	6.888	0.0	97	1072685	5.15	
74 4-Chloroaniline	127	6.926	6.926	0.0	86	464811	5.24	
77 Hexachlorobutadiene	225	6.990	6.990	0.0	94	182416	5.10	
78 1,2,3-Trichlorobenzene	180	7.012	7.011	0.001	90	317197	0	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					9
79 Benzothiazole	135		7.195					9
83 Caprolactam	113	7.209	7.215	-0.006	72	111035	5.23	
80 Quinoline	129		7.259					
84 4-Chloro-3-methylphenol	107	7.327	7.327	0.0	97	323174	5.43	
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					9
85 2-Methylnaphthalene	142	7.477	7.477	0.0	90	687307	5.16	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.562	7.562	0.0	82	645929	5.10	
87 1,2,3,5-Tetrachlorobenzene	216	7.605	7.605	0.0	96	336968	5.07	
88 Hexachlorocyclopentadiene	237	7.611	7.610	0.001	66	124557	3.14	
90 2,4,6-Trichlorophenol	196	7.712	7.712	0.0	91	220972	5.36	
91 2,4,5-Trichlorophenol	196	7.744	7.744	0.0	96	236475	5.33	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
94 2,4-Toluene diamine	121	7.851	7.857	-0.005	97	216286	5.10	
96 1,2,3,4 -Tetrachlorobenzene	216	7.862	7.862	0.0	94	334049	0	
95 1,1'-Biphenyl	154	7.867	7.873	-0.006	95	850996	4.93	
98 2-Chloronaphthalene	162	7.894	7.894	0.0	96	674798	5.00	
227 Isosafrole Peak 2	162		7.960					
100 2-Nitroaniline	65	7.969	7.969	0.0	81	218951	5.53	
97 3,4-Dichloronitrobenzene	109		7.986					9
99 Phenyl ether	170		8.040					
103 Dimethyl phthalate	163	8.113	8.113	0.0	98	743997	5.18	
101 1,4-Naphthoquinone	158		8.168					
105 2,6-Dinitrotoluene	165	8.167	8.172	-0.005	92	171928	5.40	
102 1,4-Dinitrobenzene	168		8.211					
106 1,2-Dinitrobenzene	168	8.215	8.220	-0.005	88	92295	5.79	
107 Acenaphthylene	152	8.247	8.247	0.0	90	1133157	5.08	
104 1,3-Dinitrobenzene	168		8.275					
108 3-Nitroaniline	138	8.317	8.316	0.001	94	197529	5.50	
110 Acenaphthene	153	8.391	8.391	0.0	91	693471	5.17	
109 2,4-Dinitrophenol	184	8.402	8.402	0.0	77	127204	7.23	
111 4-Nitrophenol	109	8.434	8.440	-0.006	95	106509	5.14	
112 2,4-Dinitrotoluene	165	8.509	8.509	0.0	88	233532	5.45	
114 Dibenzofuran	168	8.536	8.536	0.0	87	1000122	5.02	
115 2,3,5,6-Tetrachlorophenol	232	8.595	8.595	0.0	90	199457	5.45	
113 Pentachlorobenzene	250		8.633					
119 Diethyl phthalate	149	8.702	8.702	0.0	97	772633	5.15	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					9
118 2-Naphthylamine	143		8.799					9
121 4-Chlorophenyl phenyl ether	204	8.814	8.814	0.0	92	387617	5.13	
124 Fluorene	166	8.825	8.825	0.0	85	810353	5.07	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.825	8.830	-0.005	74	202773	5.27	
126 4,6-Dinitro-2-methylphenol	198	8.851	8.851	0.0	85	101770	4.01	
120 Thionazin	97		8.901					9
130 N-Nitrosodiphenylamine	169	8.910	8.910	0.0	0	606734	5.04	
131 Azobenzene	77	8.948	8.948	0.0	99	856837	5.04	
129 1,2-Diphenylhydrazine	77	8.948	8.948	0.0	0	856837	5.04	
122 N-Nitro-o-toluidine	152		8.954					
125 Tributyl phosphate	99		8.992					9
128 Diphenylamine	169		9.040					
132 Sulfotepp	202		9.152					
137 4-Bromophenyl phenyl ether	248	9.226	9.226	0.0	64	235721	5.29	
133 1,3,5-Trinitrobenzene	213		9.238					9
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					9
139 Hexachlorobenzene	284	9.290	9.290	0.0	91	241758	5.27	
140 Atrazine	200	9.344	9.343	0.001	93	180875	5.52	
230 Diallate Peak 2	86		9.356					
138 Dimethoate	87		9.430					9
141 Pentachlorophenol	266	9.450	9.450	0.0	91	308795	10.2	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					9
146 Phenanthrene	178	9.638	9.638	0.0	97	1179560	4.95	
147 Anthracene	178	9.680	9.680	0.0	98	1218364	5.14	
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					
149 Carbazole	167	9.809	9.809	0.0	82	1164279	5.06	
148 DFTPP								
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.071	10.071	0.0	100	1352252	5.23	
152 Diphenylsulfone	125		10.169					9
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
157 Fluoranthene	202	10.638	10.638	0.0	97	1366522	5.19	
156 Isodrin	66		10.655					9
158 Benzidine	184	10.734	10.734	0.0	99	648378	4.68	
160 Pyrene	202	10.836	10.836	0.0	96	1419730	5.10	
164 4,4'-DDE	246		10.900					
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
163 4,4'-DDD	235		11.210					9
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
166 Butyl benzyl phthalate	149	11.408	11.408	0.0	97	574844	5.16	
168 4,4'-DDT	235		11.520					
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	11.980	11.986	-0.006	94	280520	5.16	
173 3,3'-Dichlorobenzidine	252	12.018	12.018	0.0	69	491889	5.18	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.018	12.018	0.0	68	226535	5.25	
171 Bis(2-ethylhexyl) phthalate	149	12.045	12.044	0.001	96	813607	5.18	
175 Benzo[a]anthracene	228	12.066	12.066	0.0	94	1263018	5.19	
176 Chrysene	228	12.109	12.109	0.0	94	1211677	5.22	
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149	12.906	12.911	-0.005	99	1348969	5.37	
180 Benzo[b]fluoranthene	252	13.505	13.505	0.0	91	1204687	5.18	
181 Benzo[k]fluoranthene	252	13.542	13.542	0.0	99	1294455	5.12	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					9
182 Benzo[a]pyrene	252	13.981	13.986	-0.005	75	1188389	5.08	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					9
186 Indeno[1,2,3-cd]pyrene	276	15.660	15.660	0.0	94	1172296	4.55	
187 Dibenz(a,h)anthracene	278	15.687	15.692	-0.005	74	977899	4.47	
188 Benzo[g,h,i]perylene	276	16.067	16.067	0.0	92	957286	4.59	
S 189 Methyl Phenols,Total	100				0		5.33	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110	7.183	0.0	7.183	90	77406	0	
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.118	3.050	0.068	1	162	0	
T 194 Octadecane (TIC)	254	14.205	6.300	7.905	91	120494	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

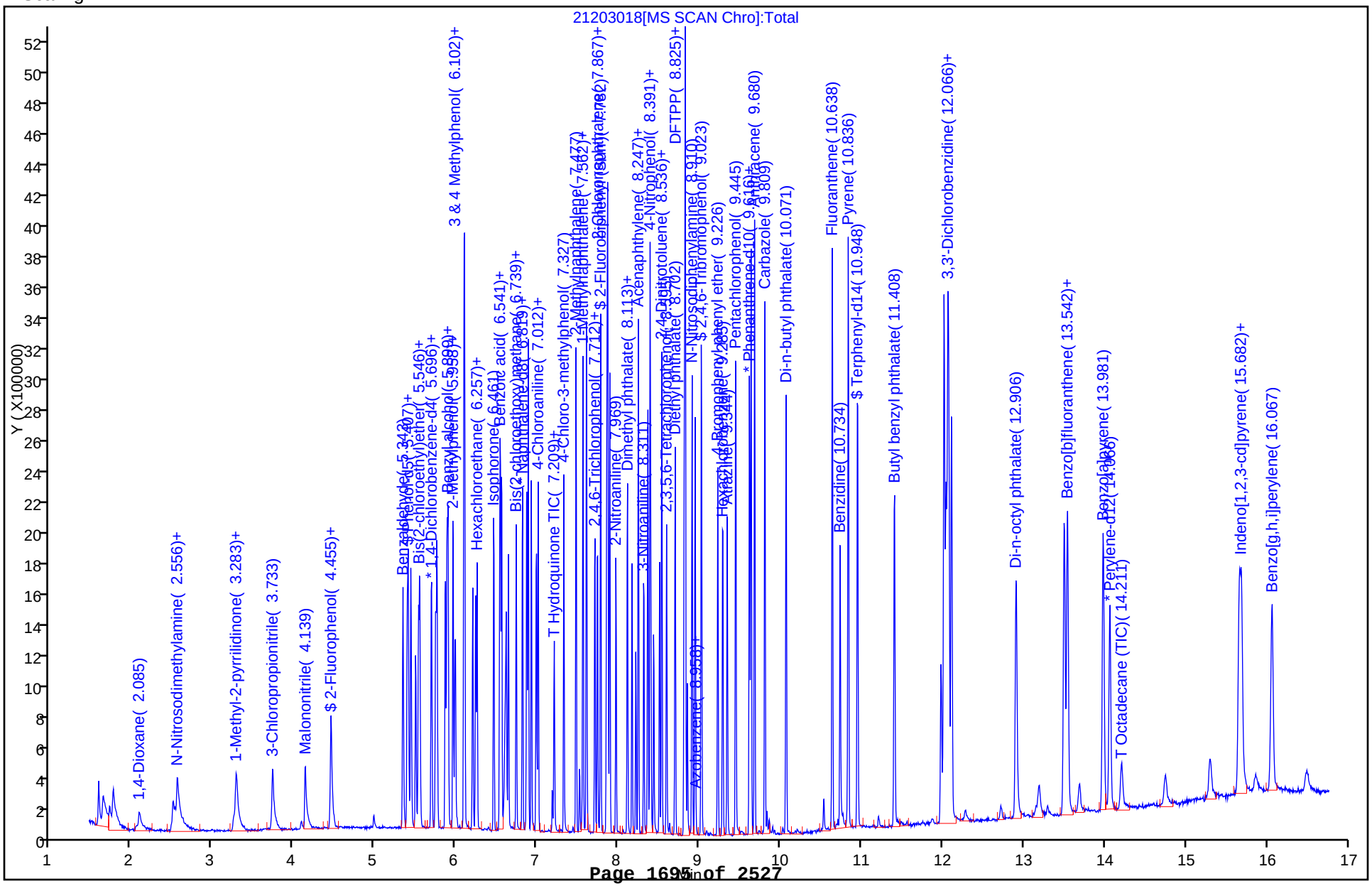
Report Date: 04-Dec-2012 11:18:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203018.D

Injection Date:	03-Dec-2012 17:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	Lims Sample ID:	18
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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67225/3

Matrix: Solid | Lab File ID: 21204003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/04/2012 09:45

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67225 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.09		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.16		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.02		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.03		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.23		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.37		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.57		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.12		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.30		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.18		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.04		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.13		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	4.96		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.23		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.74		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.12		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.22		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.07		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.32		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.25		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.00		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.02		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.90		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.15		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.21		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.00		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	4.69		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	5.32		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	5.18		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.22		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	5.09		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	10.1		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67225/3

Matrix: Solid | Lab File ID: 21204003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/04/2012 09:45

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67225 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.34		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.28		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.78		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.24		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.09		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.16		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.25		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	5.20		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.13		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.18		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.22		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.04		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.12		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.08		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.18		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.34		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.25		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.04		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.38		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.25		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.10		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.24		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	0.00080	U ^	0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.3		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.93		0.00020	0.00010	0.00010
108-95-2	Phenol	5.35		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.02		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.21		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.36		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.27		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67225/3

Matrix: Solid | Lab File ID: 21204003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/04/2012 09:45

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67225 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	101		50-150
367-12-4	2-Fluorophenol (Surr)	106	Q	50-150
4165-60-0	Nitrobenzene-d5 (Surr)	112	Q	50-150
4165-62-2	Phenol-d5 (Surr)	106	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	100		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	104		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204003.D		
Lims ID:	mrl qc	Client ID:	
Inject. Date:	04-Dec-2012 09:45:30	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015502-003		
Misc. Info.:	mrl qc		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	67225	Lims Sample ID:	3
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121204-15502.b\8270_hp7.m		
Last Update:	04-Dec-2012 12:56:04	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:	XAWRK009		
First Level Reviewer: gruberj		Date:	04-Dec-2012 10:52:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.769	5.769	0.0	96	176064	4.00	
* 2 Naphthalene-d8	136	6.898	6.892	0.006	99	684300	4.00	
* 3 Acenaphthene-d10	164	8.390	8.390	0.0	93	392860	4.00	
* 4 Phenanthrene-d10	188	9.647	9.647	0.0	98	685602	4.00	
* 5 Chrysene-d12	240	12.118	12.118	0.0	92	719988	4.00	
* 6 Perylene-d12	264	14.119	14.118	0.001	92	562415	4.00	
$ 7 2-Fluorophenol	112	4.486	4.486	0.0	92	287498	5.28	
$ 8 Phenol-d5	99	5.422	5.422	0.0	91	366965	5.31	
$ 9 Nitrobenzene-d5	82	6.267	6.267	0.0	87	336690	5.60	
$ 10 2-Fluorobiphenyl (Surr)	172	7.807	7.807	0.0	99	646191	5.07	
$ 11 2,4,6-Tribromophenol	330	9.053	9.053	0.0	88	84148	5.18	
$ 12 Terphenyl-d14	244	10.979	10.979	0.0	98	663414	4.98	
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
24 1,4-Dioxane	88	2.116	2.116	0.0	94	102298	5.01	
25 N-Nitrosodimethylamine	74		2.544					2
26 Pyridine	79	2.598	2.592	0.006	91	278379	4.75	
232 1-Methyl-2-pyrrilidinone	99	3.325	3.271	0.054	0	50377	0	
27 Ethyl methacrylate	69	3.325	3.325	0.0	90	233974	4.81	
18 Dimethylformamide	73		3.545					9
28 3-Chloropropionitrile	54	3.769	3.769	0.0	84	182769	5.63	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.165	4.165	0.0	98	339865	5.55	
33 Acrylamide	71	4.357	4.349	0.008	7	67	0	
34 Methyl methanesulfonate	80		4.451					9
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.587	4.536	0.051	0	5468	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
40 Benzaldehyde	77	5.368	5.368	0.0	91	250807	5.46	
37 2-Methylcyclohexanone	68	5.373	5.376	-0.003	3	704	0	
38 3-Methylcyclohexanone	69	5.416	5.414	0.002	33	44001	0	
41 Phenol	94	5.432	5.432	0.0	99	393975	5.35	
39 4-Methylcyclohexanone	55	5.475	5.462	0.013	1	1703	0	
43 Aniline	93	5.464	5.464	0.0	96	464609	5.04	
42 Phenylmercaptan	110		5.473					9
44 Bis(2-chloroethyl)ether	93	5.523	5.523	0.0	93	292013	5.13	
46 2-Chlorophenol	128	5.577	5.577	0.0	97	316642	5.32	
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146	5.721	5.721	0.0	97	334003	5.21	
48 1,4-Dichlorobenzene	146	5.785	5.785	0.0	91	318496	5.00	
49 Benzyl alcohol	108	5.887	5.887	0.0	89	189875	5.18	
50 1,2-Dichlorobenzene	146	5.924	5.924	0.0	89	312733	5.15	
51 2-Methylphenol	108	5.983	5.983	0.0	98	275152	5.12	
52 2,2'-oxybis[1-chloropropane]	45	6.010	6.010	0.0	90	450054	5.39	
53 Indene	115		6.066					9
191 3 & 4 Methylphenol	108	6.117	6.117	0.0	97	286013	5.08	
56 N-Nitrosodi-n-propylamine	70	6.122	6.122	0.0	90	209094	5.24	
57 Acetophenone	105	6.128	6.128	0.0	91	404263	5.08	
55 N-Nitrosopyrrolidine	100		6.216					
60 Hexachloroethane	117	6.229	6.229	0.0	93	132858	5.13	
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
61 Nitrobenzene	77	6.283	6.283	0.0	85	334517	5.38	
63 Isophorone	82	6.486	6.486	0.0	97	569958	5.22	
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139	6.561	6.561	0.0	96	153606	5.25	
66 1,3,5-Trichlorobenzene	180	6.572	6.572	0.0	95	285421	5.26	
64 2,4-Dimethylphenol	107	6.582	6.582	0.0	86	294825	5.13	
69 Benzoic acid	122	6.636	6.652	-0.016	85	313537	9.12	
68 Bis(2-chloroethoxy)methane	93	6.668	6.668	0.0	98	349360	5.04	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
71 2,4-Dichlorophenol	162	6.764	6.764	0.0	96	238500	5.25	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180	6.844	6.844	0.0	93	282220	5.21	
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128	6.914	6.914	0.0	94	885025	5.18	
74 4-Chloroaniline	127	6.951	6.951	0.0	86	357435	4.90	
77 Hexachlorobutadiene	225	7.016	7.015	0.001	91	154302	5.25	
78 1,2,3-Trichlorobenzene	180	7.037	7.037	0.0	89	253947	0	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					9
79 Benzothiazole	135		7.195					
83 Caprolactam	113	7.235	7.240	-0.005	73	84889	4.88	
80 Quinoline	129		7.259					
81 N-Nitrosodi-n-butylamine	84		7.328					
84 4-Chloro-3-methylphenol	107	7.352	7.352	0.0	96	254910	5.22	
82 p-Phenylene diamine	108		7.355					9
85 2-Methylnaphthalene	142	7.508	7.508	0.0	89	550924	5.04	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.588	7.593	-0.005	91	527246	5.07	
87 1,2,3,5-Tetrachlorobenzene	216	7.636	7.636	0.0	97	273008	5.11	
88 Hexachlorocyclopentadiene	237	7.636	7.636	0.0	77	165596	5.20	
90 2,4,6-Trichlorophenol	196	7.738	7.738	0.0	92	174605	5.27	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
91 2,4,5-Trichlorophenol	196	7.770	7.770	0.0	95	191109	5.36	
94 2,4-Toluene diamine	121	7.882	7.882	0.0	98	165571	4.75	
96 1,2,3,4 -Tetrachlorobenzene	216	7.887	7.887	0.0	94	268374	0	
95 1,1'-Biphenyl	154	7.898	7.898	0.0	95	681506	4.91	
98 2-Chloronaphthalene	162	7.919	7.919	0.0	97	549745	5.07	
227 Isosafrole Peak 2	162		7.960					
97 3,4-Dichloronitrobenzene	109		7.986					9
100 2-Nitroaniline	65	8.000	8.000	0.0	86	170195	5.34	
99 Phenyl ether	170		8.040					9
103 Dimethyl phthalate	163	8.139	8.139	0.0	99	597391	5.18	
101 1,4-Naphthoquinone	158		8.168					
105 2,6-Dinitrotoluene	165	8.198	8.198	0.0	95	134607	5.28	
102 1,4-Dinitrobenzene	168		8.211					
106 1,2-Dinitrobenzene	168	8.240	8.246	-0.006	88	71362	5.57	
107 Acenaphthylene	152	8.272	8.272	0.0	93	924384	5.16	
104 1,3-Dinitrobenzene	168		8.275					
108 3-Nitroaniline	138	8.342	8.342	0.0	93	151625	5.25	
110 Acenaphthene	153	8.417	8.417	0.0	94	548978	5.09	
109 2,4-Dinitrophenol	184	8.428	8.427	0.001	87	161134	10.1	
111 4-Nitrophenol	109	8.465	8.465	0.0	93	84818	5.10	
112 2,4-Dinitrotoluene	165	8.535	8.534	0.001	90	183560	5.34	
114 Dibenzofuran	168	8.561	8.561	0.0	89	783678	4.90	
115 2,3,5,6-Tetrachlorophenol	232	8.620	8.620	0.0	93	161924	5.51	
113 Pentachlorobenzene	250		8.633					
119 Diethyl phthalate	149	8.727	8.727	0.0	97	641579	5.32	
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					9
118 2-Naphthylamine	143		8.799					9
121 4-Chlorophenyl phenyl ether	204	8.839	8.839	0.0	92	319303	5.25	
124 Fluorene	166	8.850	8.850	0.0	93	653731	5.09	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.855	8.855	0.0	78	155435	5.04	
126 4,6-Dinitro-2-methylphenol	198	8.877	8.877	0.0	80	106024	5.09	
120 Thionazin	97		8.901					9
130 N-Nitrosodiphenylamine	169		8.936					
122 N-Nitro-o-toluidine	152		8.954					9
131 Azobenzene	77	8.973	8.973	0.0	99	687806	5.15	
129 1,2-Diphenylhydrazine	77		8.973					
125 Tributyl phosphate	99		8.992					
128 Diphenylamine	169		9.040					
132 Sulfotepp	202		9.152					
133 1,3,5-Trinitrobenzene	213		9.238					9
137 4-Bromophenyl phenyl ether	248	9.257	9.257	0.0	62	183054	5.23	
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					9
139 Hexachlorobenzene	284	9.315	9.315	0.0	88	185672	5.16	
230 Diallate Peak 2	86		9.356					14
140 Atrazine	200	9.369	9.369	0.0	89	135295	5.26	
138 Dimethoate	87		9.430					9
141 Pentachlorophenol	266	9.476	9.476	0.0	92	245077	10.3	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					9
146 Phenanthrene	178	9.663	9.663	0.0	97	922877	4.93	
147 Anthracene	178	9.711	9.711	0.0	97	934878	5.02	
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
149 Carbazole	167	9.834	9.834	0.0	82	926394	5.12	
148 DFTPP								
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.096	10.096	0.0	100	1059377	5.22	
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.669	10.669	0.0	97	1084491	5.24	
158 Benzidine	184	10.765	10.765	0.0	99	388066	3.53	
160 Pyrene	202	10.867	10.866	0.001	98	1153139	5.02	
164 4,4'-DDE	246		10.925					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
163 4,4'-DDD	235		11.246					9
162 Chlorobenzilate	139		11.265					9
166 Butyl benzyl phthalate	149	11.439	11.439	0.0	96	434286	4.74	
165 Famphur	218		11.522					
168 4,4'-DDT	235		11.551					9
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.022	12.022	0.0	85	85894	2.39	
172 4,4'-Methylene bis(2-chloroanili	231	12.059	12.059	0.0	66	154180	4.37	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.059	12.059	0.0	71	365637	4.69	
171 Bis(2-ethylhexyl) phthalate	149	12.081	12.081	0.0	97	640997	4.96	
175 Benzo[a]anthracene	228	12.107	12.107	0.0	97	1011253	5.03	
176 Chrysene	228	12.150	12.150	0.0	95	957357	5.00	
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149	12.953	12.952	0.001	99	916725	4.78	
180 Benzo[b]fluoranthene	252	13.552	13.551	0.001	87	964243	5.37	
181 Benzo[k]fluoranthene	252	13.589	13.594	-0.005	99	1033317	5.30	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	14.033	14.038	-0.005	76	946179	5.23	
183 3-Methylcholanthrene	268		14.774					
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					
186 Indeno[1,2,3-cd]pyrene	276	15.723	15.723	0.0	97	1034570	5.18	
187 Dibenz(a,h)anthracene	278	15.750	15.750	0.0	68	851808	5.02	
188 Benzo[g,h,i]perylene	276	16.130	16.135	-0.005	92	896959	5.57	
S 189 Methyl Phenols,Total	100				0		5.12	
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	7.208	0.0	7.208	72	36787	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.058	3.050	0.008	1	102	0	
T 194 Octadecane (TIC)	254	14.258	6.300	7.958	83	23413	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
2 - Failed Coelution Test
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

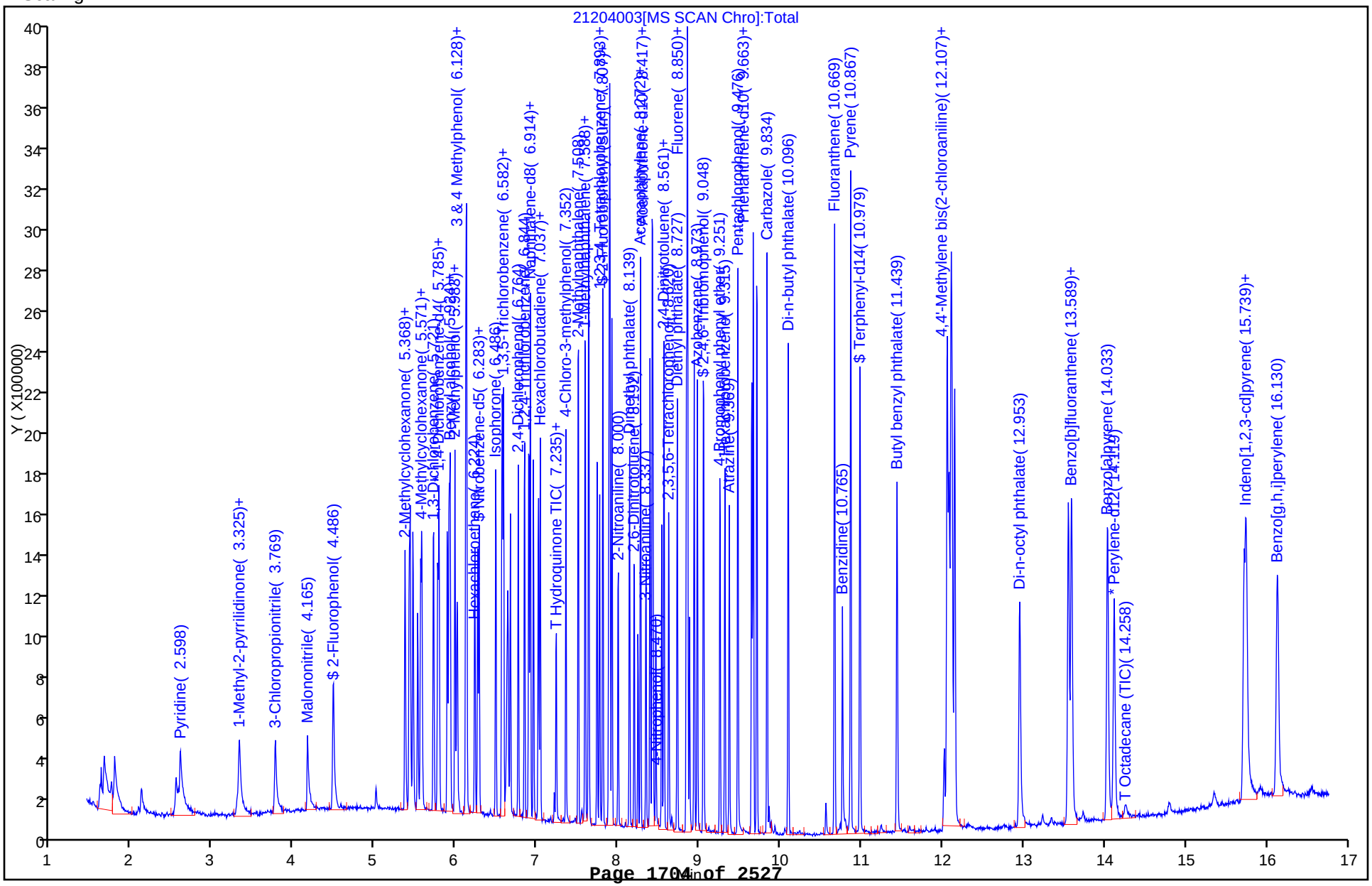
Report Date: 04-Dec-2012 12:56:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204003.D

Injection Date:	04-Dec-2012 09:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67225	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67225/25

Matrix: Solid | Lab File ID: 21204025.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/04/2012 18:26

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67225 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.01		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.96		0.00020	0.00010	0.00010
120-12-7	Anthracene	4.98		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.28		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.21		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	5.02		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	7.87		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.50		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.32		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.22		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.12		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	5.25		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.32		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.91		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.28		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.10		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	5.53		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.11		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.82		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	5.02		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.32		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.18		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.10		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.30		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.23		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.20		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.20		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.25		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.17		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	3.97		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	6.89	^	0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67225/25

Matrix: Solid | Lab File ID: 21204025.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/04/2012 18:26

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67225 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.60		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.38		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.32		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.11		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.08		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.25		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.39		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	2.85	^	0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.08		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.92		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.34		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.08		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.08		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.11		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.04		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.36		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.69		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.39		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.41		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.20		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.17		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.37		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.92		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.50		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.74		0.00020	0.00010	0.00010
108-95-2	Phenol	5.20		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.09		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.46		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.50		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.36		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

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SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67225/25

Matrix: Solid | Lab File ID: 21204025.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/04/2012 18:26

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67225 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	102		50-150
367-12-4	2-Fluorophenol (Surr)	100		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	111	Q	50-150
4165-62-2	Phenol-d5 (Surr)	105	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	104		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	114		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204025.D		
Lims ID:	mrl qccl	Client ID:	
Inject. Date:	04-Dec-2012 18:26:30	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015502-025		
Misc. Info.:	mrl qccl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	25
Lims Batch ID:	67225	Lims Sample ID:	25
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121204-15502.b\8270_hp7.m		
Last Update:	05-Dec-2012 13:46:36	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:	XAWRK027		
First Level Reviewer: gruberj		Date:	05-Dec-2012 09:22:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.769	5.769	0.0	97	222892	4.00	
* 2 Naphthalene-d8	136	6.893	6.892	0.001	100	864168	4.00	
* 3 Acenaphthene-d10	164	8.390	8.390	0.0	92	509717	4.00	
* 4 Phenanthrene-d10	188	9.647	9.647	0.0	98	937341	4.00	
* 5 Chrysene-d12	240	12.118	12.118	0.0	93	940963	4.00	
* 6 Perylene-d12	264	14.119	14.118	0.001	97	791185	4.00	
$ 7 2-Fluorophenol	112	4.486	4.486	0.0	92	345909	5.02	
$ 8 Phenol-d5	99	5.422	5.422	0.0	89	461201	5.27	
$ 9 Nitrobenzene-d5	82	6.267	6.267	0.0	87	422234	5.56	
$ 10 2-Fluorobiphenyl (Surr)	172	7.807	7.807	0.0	100	840990	5.09	
$ 11 2,4,6-Tribromophenol	330	9.053	9.053	0.0	90	119808	5.68	
$ 12 Terphenyl-d14	244	10.979	10.979	0.0	99	907578	5.21	
19 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
24 1,4-Dioxane	88	2.122	2.116	0.006	89	123161	4.76	
25 N-Nitrosodimethylamine	74	2.544	2.544	0.0	88	209331	4.89	
26 Pyridine	79	2.598	2.592	0.006	92	353724	4.77	
232 1-Methyl-2-pyrrilidinone	99	3.325	3.271	0.054	0	62254	0	
27 Ethyl methacrylate	69	3.325	3.325	0.0	91	294037	4.77	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.769	3.769	0.0	87	211342	5.14	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66	4.165	4.165	0.0	98	408602	5.27	
33 Acrylamide	71	4.341	4.349	-0.008	17	371	0	
34 Methyl methanesulfonate	80		4.451					9
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.566	4.536	0.030	0	2092	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					
40 Benzaldehyde	77	5.368	5.368	0.0	96	322955	5.56	
37 2-Methylcyclohexanone	68	5.374	5.376	-0.002	1	171	0	
38 3-Methylcyclohexanone	69	5.416	5.414	0.002	25	52696	0	
41 Phenol	94	5.432	5.432	0.0	99	485349	5.20	
39 4-Methylcyclohexanone	55	5.432	5.462	-0.030	23	37620	0	
43 Aniline	93	5.464	5.464	0.0	98	602678	5.17	
42 Phenylmercaptan	110		5.473					9
44 Bis(2-chloroethyl)ether	93	5.523	5.523	0.0	92	368708	5.12	
46 2-Chlorophenol	128	5.577	5.577	0.0	95	387609	5.14	
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146	5.721	5.721	0.0	96	420623	5.18	
48 1,4-Dichlorobenzene	146	5.785	5.785	0.0	90	411734	5.10	
49 Benzyl alcohol	108	5.892	5.887	0.005	92	246845	5.32	
50 1,2-Dichlorobenzene	146	5.924	5.924	0.0	91	409409	5.32	
51 2-Methylphenol	108	5.983	5.983	0.0	95	345626	5.08	
52 2,2'-oxybis[1-chloropropane]	45	6.010	6.010	0.0	91	560156	5.30	
53 Indene	115		6.066					
191 3 & 4 Methylphenol	108	6.117	6.117	0.0	97	364252	5.11	
56 N-Nitrosodi-n-propylamine	70	6.122	6.122	0.0	91	270958	5.37	
57 Acetophenone	105	6.128	6.128	0.0	92	528415	5.25	
55 N-Nitrosopyrrolidine	100		6.216					
60 Hexachloroethane	117	6.229	6.229	0.0	92	166578	5.08	
58 N-Nitrosomorpholine	56		6.248					
59 2-Toluidine	106		6.269					
61 Nitrobenzene	77	6.283	6.283	0.0	83	424901	5.41	
63 Isophorone	82	6.486	6.486	0.0	97	735999	5.34	
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139	6.561	6.561	0.0	95	192038	5.20	
66 1,3,5-Trichlorobenzene	180	6.572	6.572	0.0	97	366992	5.36	
64 2,4-Dimethylphenol	107	6.582	6.582	0.0	83	377989	5.20	
69 Benzoic acid	122	6.636	6.652	-0.016	85	331414	7.87	
68 Bis(2-chloroethoxy)methane	93	6.668	6.668	0.0	98	457118	5.22	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
71 2,4-Dichlorophenol	162	6.764	6.764	0.0	94	300013	5.23	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180	6.844	6.844	0.0	92	374008	5.46	
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128	6.914	6.914	0.0	97	1088059	5.04	
74 4-Chloroaniline	127	6.951	6.951	0.0	86	472301	5.13	
77 Hexachlorobutadiene	225	7.016	7.015	0.001	92	199982	5.39	
78 1,2,3-Trichlorobenzene	180	7.037	7.037	0.0	91	344449	0	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					9
79 Benzothiazole	135		7.195					9
83 Caprolactam	113	7.235	7.240	-0.005	76	111996	5.09	
80 Quinoline	129		7.259					9
81 N-Nitrosodi-n-butylamine	84		7.328					9
84 4-Chloro-3-methylphenol	107	7.353	7.352	0.001	91	325324	5.28	
82 p-Phenylene diamine	108		7.355					9
85 2-Methylnaphthalene	142	7.508	7.508	0.0	89	702190	5.08	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.593	7.593	0.0	90	682388	5.19	
87 1,2,3,5-Tetrachlorobenzene	216	7.631	7.636	-0.005	95	368962	5.33	
88 Hexachlorocyclopentadiene	237	7.636	7.636	0.0	61	117728	2.85	
90 2,4,6-Trichlorophenol	196	7.738	7.738	0.0	92	230502	5.36	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
91 2,4,5-Trichlorophenol	196	7.770	7.770	0.0	96	254625	5.50	
94 2,4-Toluene diamine	121	7.882	7.882	0.0	98	230694	5.24	
96 1,2,3,4 -Tetrachlorobenzene	216	7.887	7.887	0.0	94	345391	0	
95 1,1'-Biphenyl	154	7.898	7.898	0.0	93	874987	4.86	
98 2-Chloronaphthalene	162	7.920	7.919	0.001	96	717150	5.10	
227 Isosafrole Peak 2	162		7.960					
97 3,4-Dichloronitrobenzene	109		7.986					9
100 2-Nitroaniline	65	7.994	8.000	-0.006	84	221646	5.36	
99 Phenyl ether	170		8.040					9
103 Dimethyl phthalate	163	8.139	8.139	0.0	99	786064	5.25	
101 1,4-Naphthoquinone	158		8.168					
105 2,6-Dinitrotoluene	165	8.198	8.198	0.0	94	178529	5.38	
102 1,4-Dinitrobenzene	168		8.211					
106 1,2-Dinitrobenzene	168	8.246	8.246	0.0	90	91023	5.48	
107 Acenaphthylene	152	8.273	8.272	0.0	91	1152374	4.96	
104 1,3-Dinitrobenzene	168		8.275					
108 3-Nitroaniline	138	8.342	8.342	0.0	95	213214	5.69	
110 Acenaphthene	153	8.417	8.417	0.0	92	700874	5.01	
109 2,4-Dinitrophenol	184	8.428	8.427	0.001	84	123496	6.89	
111 4-Nitrophenol	109	8.465	8.465	0.0	95	111642	5.17	
112 2,4-Dinitrotoluene	165	8.535	8.534	0.001	91	250588	5.60	
114 Dibenzofuran	168	8.561	8.561	0.0	88	1041338	5.02	
115 2,3,5,6-Tetrachlorophenol	232	8.620	8.620	0.0	89	214379	5.62	
113 Pentachlorobenzene	250		8.633					
119 Diethyl phthalate	149	8.727	8.727	0.0	97	813156	5.20	
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					9
118 2-Naphthylamine	143		8.799					9
121 4-Chlorophenyl phenyl ether	204	8.839	8.839	0.0	91	435987	5.53	
124 Fluorene	166	8.850	8.850	0.0	91	845994	5.08	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.856	8.855	0.001	75	216605	5.39	
126 4,6-Dinitro-2-methylphenol	198	8.877	8.877	0.0	78	107841	3.97	
120 Thionazin	97		8.901					9
130 N-Nitrosodiphenylamine	169	8.936	8.936	0.0	0	635379	4.92	
122 N-Nitro-o-toluidine	152		8.954					
131 Azobenzene	77	8.973	8.973	0.0	99	881303	4.83	
129 1,2-Diphenylhydrazine	77	8.973	8.973	0.0	0	879673	4.82	
125 Tributyl phosphate	99		8.992					
128 Diphenylamine	169		9.040					
132 Sulfotepp	202		9.152					
133 1,3,5-Trinitrobenzene	213		9.238					9
137 4-Bromophenyl phenyl ether	248	9.257	9.257	0.0	60	250824	5.25	
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					
139 Hexachlorobenzene	284	9.315	9.315	0.0	90	258409	5.25	
230 Diallate Peak 2	86		9.356					
140 Atrazine	200	9.369	9.369	0.0	89	191511	5.44	
138 Dimethoate	87		9.430					9
141 Pentachlorophenol	266	9.476	9.476	0.0	90	306678	9.50	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					9
146 Phenanthrene	178	9.663	9.663	0.0	97	1214651	4.74	
147 Anthracene	178	9.706	9.711	-0.005	98	1267090	4.98	
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
149 Carbazole	167	9.834	9.834	0.0	82	1212735	4.91	
148 DFTPP								
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.096	10.096	0.0	100	1435469	5.17	
152 Diphenylsulfone	125		10.169					9
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.669	10.669	0.0	97	1445533	5.11	
158 Benzidine	184	10.765	10.765	0.0	99	664433	4.48	
160 Pyrene	202	10.867	10.866	0.001	98	1527556	5.09	
164 4,4'-DDE	246		10.925					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
163 4,4'-DDD	235		11.246					9
162 Chlorobenzilate	139		11.265					
166 Butyl benzyl phthalate	149	11.439	11.439	0.0	96	639330	5.32	
165 Famphur	218		11.522					
168 4,4'-DDT	235		11.551					
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.022	12.022	0.0	90	288356	4.95	
172 4,4'-Methylene bis(2-chloroanili	231	12.059	12.059	0.0	66	246102	5.29	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.059	12.059	0.0	62	542736	5.30	
171 Bis(2-ethylhexyl) phthalate	149	12.081	12.081	0.0	96	906207	5.34	
175 Benzo[a]anthracene	228	12.107	12.107	0.0	94	1385281	5.28	
176 Chrysene	228	12.150	12.150	0.0	95	1278530	5.11	
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149	12.953	12.952	0.001	99	1449079	5.32	
180 Benzo[b]fluoranthene	252	13.557	13.551	0.006	95	1368890	5.42	
181 Benzo[k]fluoranthene	252	13.594	13.594	0.0	95	1508581	5.50	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	14.038	14.038	0.0	77	1325950	5.21	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					
186 Indeno[1,2,3-cd]pyrene	276	15.723	15.723	0.0	98	1378507	4.92	
187 Dibenz(a,h)anthracene	278	15.750	15.750	0.0	82	1147512	4.82	
188 Benzo[g,h,i]perylene	276	16.135	16.135	0.0	95	1136230	5.02	
S 189 Methyl Phenols,Total	100				0		5.08	
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	7.213	0.0	7.213	91	60103	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.031	3.050	-0.019	15	376	0	
T 194 Octadecane (TIC)	254	13.733	6.300	7.433	87	36978	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

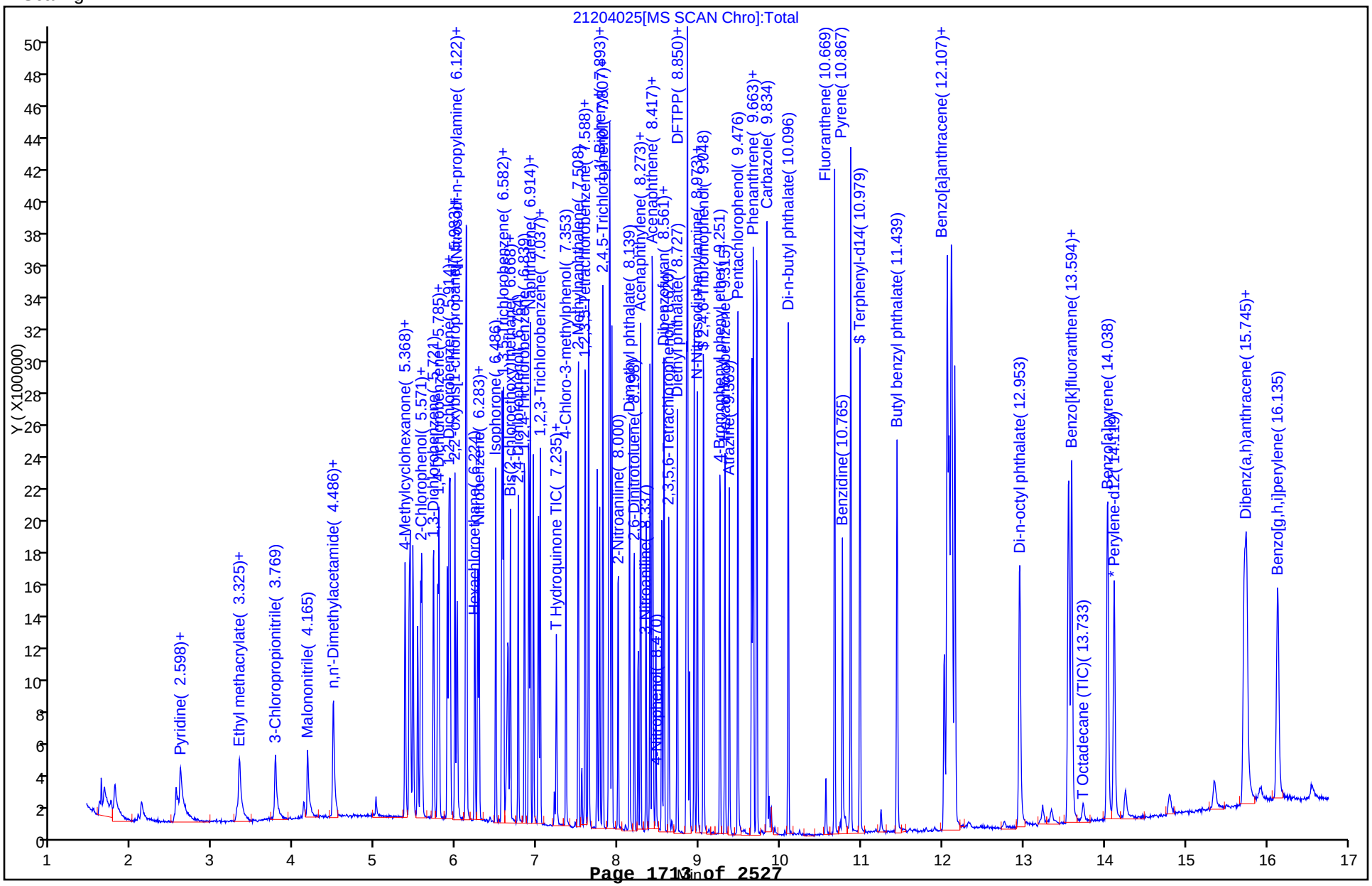
Report Date: 05-Dec-2012 13:46:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121204-15502.b\21204025.D

Injection Date:	04-Dec-2012 18:26:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67225	Lims Sample ID:	25
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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67390/3

Matrix: Solid | Lab File ID: 21205003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/05/2012 09:56

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.10		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.03		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.06		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.10		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.12		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.44		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.40		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.33		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.25		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.16		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.94		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.13		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.09		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.11		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.17		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.99		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.19		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.04		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.19		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.26		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.10		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.95		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.99		0.0010	0.00010	0.00010
95-50-1	1,2-Dichlorobenzene	5.19		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.24		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.14		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.25		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	5.07		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	5.04		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.13		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.85		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.30		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67390/3

Matrix: Solid | Lab File ID: 21205003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/05/2012 09:56

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.19		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.05		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.03		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.20		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.21		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.94		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.20		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.71		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.05		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.96		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.06		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.02		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.08		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.12		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.20		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.25		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.23		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	4.97		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.16		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.40		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.00		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.15		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.97		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.84		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.79		0.00020	0.00010	0.00010
108-95-2	Phenol	5.10		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.28		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.12		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.27		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.30		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67390/3

Matrix: Solid | Lab File ID: 21205003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/05/2012 09:56

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	101		50-150
367-12-4	2-Fluorophenol (Surr)	106	Q	50-150
4165-60-0	Nitrobenzene-d5 (Surr)	106	Q	50-150
4165-62-2	Phenol-d5 (Surr)	103	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	103		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	111		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205003.D		
Lims ID:	mrl qc	Client ID:	
Inject. Date:	05-Dec-2012 09:56:30	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015541-003		
Misc. Info.:	mrl qc		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	67390	Lims Sample ID:	3
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m		
Last Update:	06-Dec-2012 08:49:41	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:	XAWRK028		
First Level Reviewer: gruberj		Date:	05-Dec-2012 10:46:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.730	5.730	0.0	96	183041	4.00	
* 2 Naphthalene-d8	136	6.858	6.859	-0.001	99	698981	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	92	395697	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	97	682268	4.00	
* 5 Chrysene-d12	240	12.057	12.057	0.0	95	667929	4.00	
* 6 Perylene-d12	264	14.036	14.036	0.0	96	557783	4.00	
$ 7 2-Fluorophenol	112	4.436	4.430	0.006	91	299514	5.29	
$ 8 Phenol-d5	99	5.382	5.382	0.0	96	368571	5.13	
$ 9 Nitrobenzene-d5	82	6.227	6.227	0.0	90	324637	5.28	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	99	646801	5.04	
$ 11 2,4,6-Tribromophenol	330	9.014	9.014	0.0	91	90849	5.55	
$ 12 Terphenyl-d14	244	10.934	10.934	0.0	98	638657	5.16	
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
24 1,4-Dioxane	88	2.055	2.023	0.032	91	110464	5.20	
25 N-Nitrosodimethylamine	74	2.473	2.462	0.011	88	189616	5.36	
26 Pyridine	79	2.526	2.494	0.032	95	315968	5.19	
27 Ethyl methacrylate	69	3.248	3.248	0.0	92	256696	5.08	
232 1-Methyl-2-pyrrilidinone	99	3.253	3.271	-0.018	0	46915	0	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.708	3.703	0.005	90	178359	5.28	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.115	4.115	0.0	98	349497	5.49	
33 Acrylamide	71	4.355	4.349	0.006	44	71	0	
34 Methyl methanesulfonate	80		4.451					9
29 3-Picoline	93		4.510					9
233 n,n'-Dimethylacetamide	44	4.510	4.536	-0.026	0	543	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
40 Benzaldehyde	77	5.329	5.324	0.005	89	253135	5.30	
37 2-Methylcyclohexanone	68	5.377	5.376	0.001	29	14041	0	
41 Phenol	94	5.393	5.393	0.0	99	390793	5.10	
38 3-Methylcyclohexanone	69	5.414	5.414	0.0	1	607	0	
43 Aniline	93	5.425	5.425	0.0	89	491811	5.13	
39 4-Methylcyclohexanone	55	5.484	5.462	0.022	1	2137	0	
42 Phenylmercaptan	110		5.473					
44 Bis(2-chloroethyl)ether	93	5.484	5.484	0.0	95	303416	5.13	
46 2-Chlorophenol	128	5.532	5.532	0.0	97	321339	5.19	
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146	5.676	5.677	-0.001	96	349681	5.24	
48 1,4-Dichlorobenzene	146	5.746	5.746	0.0	93	340789	5.14	
49 Benzyl alcohol	108	5.853	5.853	0.0	92	196697	5.16	
50 1,2-Dichlorobenzene	146	5.885	5.885	0.0	90	327681	5.19	
51 2-Methylphenol	108	5.944	5.944	0.0	95	283675	5.08	
52 2,2'-oxybis[1-chloropropane]	45	5.976	5.976	0.0	90	442209	5.09	
53 Indene	115		6.066					
191 3 & 4 Methylphenol	108	6.078	6.078	0.0	97	299621	5.12	
57 Acetophenone	105	6.088	6.088	0.0	91	421017	5.09	
56 N-Nitrosodi-n-propylamine	70	6.088	6.088	0.0	90	213542	5.15	
60 Hexachloroethane	117	6.190	6.190	0.0	93	136059	5.05	
55 N-Nitrosopyrrolidine	100		6.216					9
61 Nitrobenzene	77	6.243	6.243	0.0	85	327533	5.16	
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
63 Isophorone	82	6.452	6.452	0.0	99	564200	5.06	
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139	6.522	6.522	0.0	96	161276	5.40	
66 1,3,5-Trichlorobenzene	180	6.532	6.532	0.0	94	286246	5.16	
64 2,4-Dimethylphenol	107	6.548	6.548	0.0	93	307130	5.23	
69 Benzoic acid	122	6.602	6.618	-0.016	85	328979	9.33	
68 Bis(2-chloroethoxy)methane	93	6.634	6.634	0.0	99	349583	4.94	
71 2,4-Dichlorophenol	162	6.725	6.730	-0.005	96	242041	5.21	
67 o,o',o''-Triethylphosphorothioat	198		6.740					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180	6.805	6.805	0.0	93	283701	5.12	
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128	6.875	6.875	0.0	95	908161	5.20	
74 4-Chloroaniline	127	6.912	6.912	0.0	86	373265	5.01	
77 Hexachlorobutadiene	225	6.976	6.976	0.0	93	155913	5.20	
78 1,2,3-Trichlorobenzene	180	6.998	6.998	0.0	90	261478	0	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					
79 Benzothiazole	135		7.195					
83 Caprolactam	113	7.195	7.201	-0.006	75	89859	5.05	
80 Quinoline	129		7.259					
84 4-Chloro-3-methylphenol	107	7.313	7.313	0.0	96	258837	5.19	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
85 2-Methylnaphthalene	142	7.463	7.468	-0.005	89	561150	5.02	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.548	7.549	-0.001	84	540741	5.09	
87 1,2,3,5-Tetrachlorobenzene	216	7.591	7.591	0.0	96	276403	5.14	
88 Hexachlorocyclopentadiene	237	7.597	7.597	0.0	81	151028	4.71	
90 2,4,6-Trichlorophenol	196	7.698	7.698	0.0	91	176875	5.30	
91 2,4,5-Trichlorophenol	196	7.730	7.730	0.0	94	189469	5.27	
89 1,2,4,5-Tetrachlorobenzene	216	7.848	7.751	0.097	96	267415	5.35	
225 Isosafrole Peak 1	162		7.767					
94 2,4-Toluene diamine	121	7.843	7.843	0.0	97	199159	5.60	
96 1,2,3,4 -Tetrachlorobenzene	216	7.848	7.848	0.0	94	267415	0	
95 1,1'-Biphenyl	154	7.859	7.859	0.0	94	684217	4.90	
98 2-Chloronaphthalene	162	7.880	7.880	0.0	96	550575	5.04	
100 2-Nitroaniline	65	7.955	7.955	0.0	80	168278	5.25	
227 Isosafrole Peak 2	162		7.960					
97 3,4-Dichloronitrobenzene	109		7.986					9
99 Phenyl ether	170		8.040					9
103 Dimethyl phthalate	163	8.099	8.099	0.0	98	585929	5.04	
105 2,6-Dinitrotoluene	165	8.158	8.158	0.0	96	129404	5.05	
101 1,4-Naphthoquinone	158		8.168					
106 1,2-Dinitrobenzene	168	8.201	8.206	-0.005	87	68326	5.30	
102 1,4-Dinitrobenzene	168		8.211					
107 Acenaphthylene	152	8.233	8.233	0.0	90	907409	5.03	
104 1,3-Dinitrobenzene	168		8.275					
108 3-Nitroaniline	138	8.303	8.303	0.0	96	152006	5.23	
110 Acenaphthene	153	8.377	8.378	-0.001	85	553473	5.10	
109 2,4-Dinitrophenol	184	8.388	8.388	0.0	80	145883	9.30	
111 4-Nitrophenol	109	8.420	8.426	-0.006	91	83695	5.00	
112 2,4-Dinitrotoluene	165	8.495	8.495	0.0	84	179024	5.19	
114 Dibenzofuran	168	8.522	8.522	0.0	87	803298	4.99	
115 2,3,5,6-Tetrachlorophenol	232	8.581	8.581	0.0	93	160051	5.40	
113 Pentachlorobenzene	250		8.633					
119 Diethyl phthalate	149	8.688	8.688	0.0	97	615797	5.07	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					9
118 2-Naphthylamine	143		8.799					9
121 4-Chlorophenyl phenyl ether	204	8.800	8.800	0.0	90	322000	5.26	
124 Fluorene	166	8.811	8.811	0.0	85	674043	5.21	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.816	8.816	0.0	67	154486	4.97	
126 4,6-Dinitro-2-methylphenol	198	8.837	8.838	-0.001	85	99756	4.85	
130 N-Nitrosodiphenylamine	169	8.896	8.896	0.0	0	467910	4.97	
120 Thionazin	97		8.901					
131 Azobenzene	77	8.934	8.934	0.0	99	672001	5.06	
129 1,2-Diphenylhydrazine	77	8.934	8.934	0.0	0	671209	5.06	
122 N-Nitro-o-toluidine	152		8.954					
125 Tributyl phosphate	99		8.992					9
128 Diphenylamine	169		9.040					
132 Sulfotepp	202		9.152					
137 4-Bromophenyl phenyl ether	248	9.212	9.212	0.0	63	177822	5.11	
133 1,3,5-Trinitrobenzene	213		9.238					9
139 Hexachlorobenzene	284	9.271	9.271	0.0	87	177137	4.94	
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					9
140 Atrazine	200	9.330	9.330	0.0	89	142737	5.57	
230 Diallate Peak 2	86		9.356					
138 Dimethoate	87		9.430					9
141 Pentachlorophenol	266	9.431	9.431	0.0	86	231817	9.84	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					9
146 Phenanthrene	178	9.624	9.624	0.0	97	893499	4.79	
147 Anthracene	178	9.667	9.667	-0.001	97	937739	5.06	
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
148 DFTPP								
149 Carbazole	167	9.795	9.795	0.0	82	898533	4.99	
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.057	10.057	0.0	100	1035484	5.13	
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
157 Fluoranthene	202	10.624	10.624	0.0	97	1069570	5.20	
156 Isodrin	66		10.655					9
158 Benzidine	184	10.720	10.720	0.0	99	538003	5.03	
160 Pyrene	202	10.822	10.822	0.0	96	1124356	5.28	
164 4,4'-DDE	246		10.881					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
163 4,4'-DDD	235		11.228					9
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
166 Butyl benzyl phthalate	149	11.389	11.389	0.0	98	440722	5.17	
168 4,4'-DDT	235		11.496					
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	11.961	11.961	0.0	88	176755	4.39	
173 3,3'-Dichlorobenzidine	252	11.999	11.999	0.0	64	381285	5.25	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	11.999	11.999	0.0	71	171888	5.21	
171 Bis(2-ethylhexyl) phthalate	149	12.020	12.020	0.0	96	611063	5.09	
175 Benzo[a]anthracene	228	12.041	12.041	0.0	95	950353	5.10	
176 Chrysene	228	12.089	12.090	-0.001	93	905424	5.10	
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149	12.881	12.881	0.0	99	961599	5.03	
180 Benzo[b]fluoranthene	252	13.475	13.475	0.0	93	968187	5.44	
181 Benzo[k]fluoranthene	252	13.512	13.518	-0.006	95	1015216	5.25	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	13.951	13.951	0.0	75	917030	5.12	
183 3-Methylcholanthrene	268		14.774					
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					9
186 Indeno[1,2,3-cd]pyrene	276	15.625	15.630	-0.005	93	980635	4.96	
187 Dibenz(a,h)anthracene	278	15.657	15.657	0.0	84	831824	4.95	
188 Benzo[g,h,i]perylene	276	16.031	16.031	0.0	92	862122	5.40	
S 189 Methyl Phenols,Total	100				0		5.08	
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	7.174	0.0	7.174	74	44327	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	2.911	3.050	-0.139	1	191	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
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

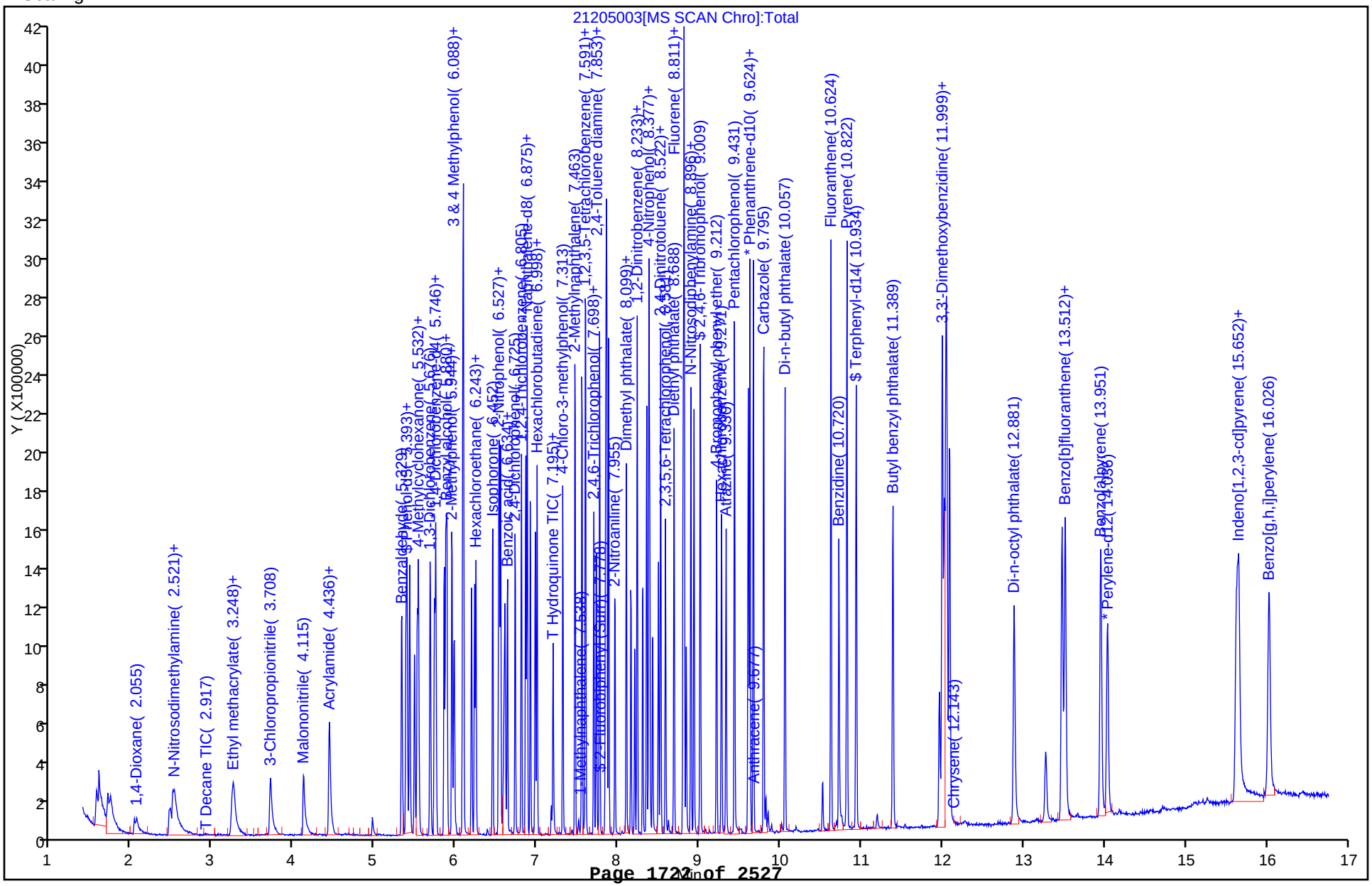
Report Date: 06-Dec-2012 08:50:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205003.D

Injection Date:	05-Dec-2012 09:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67390/26

Matrix: Solid | Lab File ID: 21205026.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/05/2012 18:50

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | 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	5.02		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.00		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.31		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.11		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.09		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.64		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	8.19		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.39		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.18		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.31		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.04		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.18		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.26		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.13		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.87		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.40		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.15		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.17		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.29		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.21		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	4.89		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	5.19		0.0010	0.00080	0.00080
106-46-7	1,4-Dichlorobenzene	5.14		0.0010	0.00080	0.00034
91-94-1	3,3'-Dichlorobenzidine	5.18		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.41		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.00		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.42		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.17		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.03		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	3.99		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	7.24		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67390/26

Matrix: Solid | Lab File ID: 21205026.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/05/2012 18:50

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.12		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.31		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.94		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.97		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.02		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.28		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.43		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	2.95	^	0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.93		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.71		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.32		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.19		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.11		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.16		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.06		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.24		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.38		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.29		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.53		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.36		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.14		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.13		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.09		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.62		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.77		0.00020	0.00010	0.00010
108-95-2	Phenol	5.09		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.07		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.52		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.37		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.: 240-17768-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67390/26

Matrix: Solid | Lab File ID: 21205026.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/05/2012 18:50

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	103		50-150
367-12-4	2-Fluorophenol (Surr)	103		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	110	Q	50-150
4165-62-2	Phenol-d5 (Surr)	104	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	102		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	110		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205026.D
Lims ID: mrl qccl
Client ID:
Inject. Date: 05-Dec-2012 18:50:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015541-026
Misc. Info.: mrl qccl
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 26
Lims Batch ID: 67390
Lims Sample ID: 26
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m
Last Update: 06-Dec-2012 08:49:41
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: XAWRK028

First Level Reviewer: gruberj
Date: 06-Dec-2012 07:33:47

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.730	5.730	0.0	96	232713	4.00	
* 2 Naphthalene-d8	136	6.859	6.859	0.0	99	872526	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	92	516619	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	97	919394	4.00	
* 5 Chrysene-d12	240	12.058	12.057	0.001	91	886927	4.00	
* 6 Perylene-d12	264	14.031	14.036	-0.005	91	773895	4.00	
$ 7 2-Fluorophenol	112	4.436	4.430	0.006	90	369080	5.13	
$ 8 Phenol-d5	99	5.377	5.382	-0.005	96	476551	5.22	
$ 9 Nitrobenzene-d5	82	6.227	6.227	0.0	88	422525	5.51	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	99	860549	5.13	
$ 11 2,4,6-Tribromophenol	330	9.014	9.014	0.0	92	117663	5.51	
$ 12 Terphenyl-d14	244	10.934	10.934	0.0	98	835601	5.09	
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
24 1,4-Dioxane	88	2.056	2.023	0.033	90	145642	5.39	
25 N-Nitrosodimethylamine	74	2.467	2.462	0.005	83	230608	5.14	
26 Pyridine	79	2.521	2.494	0.027	96	390851	5.05	
27 Ethyl methacrylate	69		3.248					2
232 1-Methyl-2-pyrrilidinone	99	3.248	3.271	-0.023	0	59979	0	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.708	3.703	0.005	88	232316	5.41	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.115	4.115	0.0	98	410371	5.07	
33 Acrylamide	71	4.350	4.349	0.001	1	84	0	
34 Methyl methanesulfonate	80		4.451					9
29 3-Picoline	93		4.510					9
233 n,n'-Dimethylacetamide	44	4.441	4.536	-0.095	0	1429	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					
40 Benzaldehyde	77	5.324	5.324	0.0	92	318580	5.25	
37 2-Methylcyclohexanone	68	5.382	5.376	0.006	33	15861	0	
41 Phenol	94	5.393	5.393	0.0	100	495825	5.09	
38 3-Methylcyclohexanone	69	5.414	5.414	0.0	1	847	0	
43 Aniline	93	5.425	5.425	0.0	88	618043	5.08	
39 4-Methylcyclohexanone	55	5.393	5.462	-0.069	18	42740	0	
42 Phenylmercaptan	110		5.473					9
44 Bis(2-chloroethyl)ether	93	5.484	5.484	0.0	94	378792	5.04	
46 2-Chlorophenol	128	5.532	5.532	0.0	96	406731	5.17	
45 Pentachloroethane	167		5.633					
47 1,3-Dichlorobenzene	146	5.677	5.677	0.0	96	439932	5.19	
48 1,4-Dichlorobenzene	146	5.746	5.746	0.0	93	432673	5.14	
49 Benzyl alcohol	108	5.853	5.853	0.0	92	250933	5.18	
50 1,2-Dichlorobenzene	146	5.885	5.885	0.0	90	424389	5.28	
51 2-Methylphenol	108	5.944	5.944	0.0	97	362801	5.11	
52 2,2'-oxybis[1-chloropropane]	45	5.971	5.976	-0.005	91	567390	5.14	
53 Indene	115		6.066					9
191 3 & 4 Methylphenol	108	6.078	6.078	0.0	97	384160	5.16	
57 Acetophenone	105	6.088	6.088	0.0	91	525345	4.99	
56 N-Nitrosodi-n-propylamine	70	6.088	6.088	0.0	88	270569	5.13	
60 Hexachloroethane	117	6.190	6.190	0.0	93	168681	4.93	
55 N-Nitrosopyrrolidine	100		6.216					
61 Nitrobenzene	77	6.244	6.243	0.001	84	438374	5.53	
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
63 Isophorone	82	6.447	6.452	-0.005	97	740631	5.32	
62 N-Nitrosopiperidine	114		6.521					
65 2-Nitrophenol	139	6.522	6.522	0.0	95	200079	5.36	
66 1,3,5-Trichlorobenzene	180	6.532	6.532	0.0	96	384368	5.56	
64 2,4-Dimethylphenol	107	6.548	6.548	0.0	93	397389	5.42	
69 Benzoic acid	122	6.602	6.618	-0.016	84	350960	8.19	
68 Bis(2-chloroethoxy)methane	93	6.629	6.634	-0.005	99	469055	5.31	
71 2,4-Dichlorophenol	162	6.725	6.730	-0.005	96	313631	5.41	
67 o,o',o''-Triethylphosphorothioat	198		6.740					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
72 1,2,4-Trichlorobenzene	180	6.805	6.805	0.0	92	381748	5.52	
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
73 Naphthalene	128	6.875	6.875	0.0	96	1103783	5.06	
74 4-Chloroaniline	127	6.912	6.912	0.0	87	488860	5.26	
77 Hexachlorobutadiene	225	6.976	6.976	0.0	92	203191	5.43	
78 1,2,3-Trichlorobenzene	180	6.998	6.998	0.0	91	353899	0	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					
79 Benzothiazole	135		7.195					
83 Caprolactam	113	7.196	7.201	-0.005	74	113499	5.11	
80 Quinoline	129		7.259					9
84 4-Chloro-3-methylphenol	107	7.313	7.313	0.0	94	335944	5.40	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
85 2-Methylnaphthalene	142	7.463	7.468	-0.005	88	723483	5.19	
93 Safrole, Total	162		7.521					
86 1-Methylnaphthalene	142	7.549	7.549	0.0	92	691399	5.21	
87 1,2,3,5-Tetrachlorobenzene	216	7.591	7.591	0.0	95	377059	5.37	
88 Hexachlorocyclopentadiene	237	7.597	7.597	0.0	85	123526	2.95	
90 2,4,6-Trichlorophenol	196	7.698	7.698	0.0	90	229013	5.26	
91 2,4,5-Trichlorophenol	196	7.730	7.730	0.0	96	252079	5.37	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
94 2,4-Toluene diamine	121	7.843	7.843	0.0	98	228221	5.14	
96 1,2,3,4 -Tetrachlorobenzene	216	7.848	7.848	0.0	95	365325	0	
95 1,1'-Biphenyl	154	7.853	7.859	-0.006	96	886430	4.86	
98 2-Chloronaphthalene	162	7.880	7.880	0.0	95	734117	5.15	
100 2-Nitroaniline	65	7.955	7.955	0.0	83	219474	5.24	
227 Isosafrole Peak 2	162		7.960					
97 3,4-Dichloronitrobenzene	109		7.986					9
99 Phenyl ether	170		8.040					
103 Dimethyl phthalate	163	8.100	8.099	0.001	99	784200	5.17	
105 2,6-Dinitrotoluene	165	8.158	8.158	0.0	95	178180	5.31	
101 1,4-Naphthoquinone	158		8.168					
106 1,2-Dinitrobenzene	168	8.206	8.206	0.0	91	89071	5.29	
102 1,4-Dinitrobenzene	168		8.211					
107 Acenaphthylene	152	8.233	8.233	0.0	91	1182918	5.02	
104 1,3-Dinitrobenzene	168		8.275					
108 3-Nitroaniline	138	8.303	8.303	0.0	95	204519	5.38	
110 Acenaphthene	153	8.378	8.378	0.0	93	715788	5.05	
109 2,4-Dinitrophenol	184	8.388	8.388	0.0	79	134609	7.24	
111 4-Nitrophenol	109	8.420	8.426	-0.006	95	112404	5.14	
112 2,4-Dinitrotoluene	165	8.495	8.495	0.0	86	230465	5.12	
114 Dibenzofuran	168	8.522	8.522	0.0	88	1027948	4.89	
115 2,3,5,6-Tetrachlorophenol	232	8.581	8.581	0.0	93	210682	5.45	
113 Pentachlorobenzene	250		8.633					
119 Diethyl phthalate	149	8.688	8.688	0.0	97	793749	5.00	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					9
118 2-Naphthylamine	143		8.799					9
121 4-Chlorophenyl phenyl ether	204	8.800	8.800	0.0	91	422448	5.29	
124 Fluorene	166	8.811	8.811	0.0	85	848309	5.02	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.811	8.816	-0.005	83	215464	5.29	
126 4,6-Dinitro-2-methylphenol	198	8.838	8.838	0.0	83	106414	3.99	
130 N-Nitrosodiphenylamine	169	8.896	8.896	0.0	0	645830	5.09	
120 Thionazin	97		8.901					9
131 Azobenzene	77	8.934	8.934	0.0	99	848091	4.74	
129 1,2-Diphenylhydrazine	77	8.934	8.934	0.0	0	847093	4.73	
122 N-Nitro-o-toluidine	152		8.954					
125 Tributyl phosphate	99		8.992					9
128 Diphenylamine	169		9.040					9
132 Sulfotepp	202		9.152					
137 4-Bromophenyl phenyl ether	248	9.212	9.212	0.0	62	246588	5.26	
133 1,3,5-Trinitrobenzene	213		9.238					9
139 Hexachlorobenzene	284	9.271	9.271	0.0	90	254831	5.28	
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					9
140 Atrazine	200	9.330	9.330	0.0	91	179155	5.19	
230 Diallate Peak 2	86		9.356					
138 Dimethoate	87		9.430					9
141 Pentachlorophenol	266	9.431	9.431	0.0	88	304935	9.62	
127 4-Aminobiphenyl	169	9.608	9.575	0.033	50	1399	0	
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					9
146 Phenanthrene	178	9.624	9.624	0.0	97	1197338	4.77	
147 Anthracene	178	9.667	9.667	0.0	97	1248857	5.00	
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
148 DFTPP								
149 Carbazole	167	9.795	9.795	0.0	82	1180365	4.87	
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.057	10.057	0.0	100	1368847	5.03	
152 Diphenylsulfone	125		10.169					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
157 Fluoranthene	202	10.624	10.624	0.0	97	1379145	4.97	
156 Isodrin	66		10.655					9
158 Benzidine	184	10.720	10.720	0.0	99	654157	4.65	
160 Pyrene	202	10.822	10.822	0.0	96	1434435	5.07	
164 4,4'-DDE	246		10.881					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
163 4,4'-DDD	235		11.228					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
166 Butyl benzyl phthalate	149	11.389	11.389	0.0	96	581136	5.13	
168 4,4'-DDT	235		11.496					9
165 Famphur	218		11.522					
167 3,3'-Dimethylbenzidine	212		11.581					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	11.961	11.961	0.0	88	271514	4.95	
173 3,3'-Dichlorobenzidine	252	11.999	11.999	0.0	68	499431	5.18	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	11.999	11.999	0.0	70	235735	5.37	
171 Bis(2-ethylhexyl) phthalate	149	12.020	12.020	0.0	95	826681	5.18	
175 Benzo[a]anthracene	228	12.041	12.041	0.0	94	1315219	5.31	
176 Chrysene	228	12.090	12.090	0.0	95	1228720	5.21	
174 Hexabromobenzene	232		12.228					
177 6-Methylchrysene	242		12.827					
178 Di-n-octyl phthalate	149	12.881	12.881	0.0	99	1307377	4.94	
180 Benzo[b]fluoranthene	252	13.475	13.475	0.0	92	1255549	5.09	
181 Benzo[k]fluoranthene	252	13.512	13.518	-0.006	95	1444589	5.39	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
182 Benzo[a]pyrene	252	13.951	13.951	0.0	75	1269838	5.11	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.501					
185 Dibenz[a,h]acridine	279		15.576					9
186 Indeno[1,2,3-cd]pyrene	276	15.630	15.630	0.0	94	1289339	4.71	
187 Dibenz(a,h)anthracene	278	15.657	15.657	0.0	77	1063492	4.57	
188 Benzo[g,h,i]perylene	276	16.032	16.031	0.001	96	1028917	4.64	
S 189 Methyl Phenols,Total	100				0		5.11	
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	7.174	0.0	7.174	93	87201	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.163	3.050	0.113	1	161	0	
T 194 Octadecane (TIC)	254	16.443	6.300	10.143	91	15525	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
2 - Failed Coelution Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

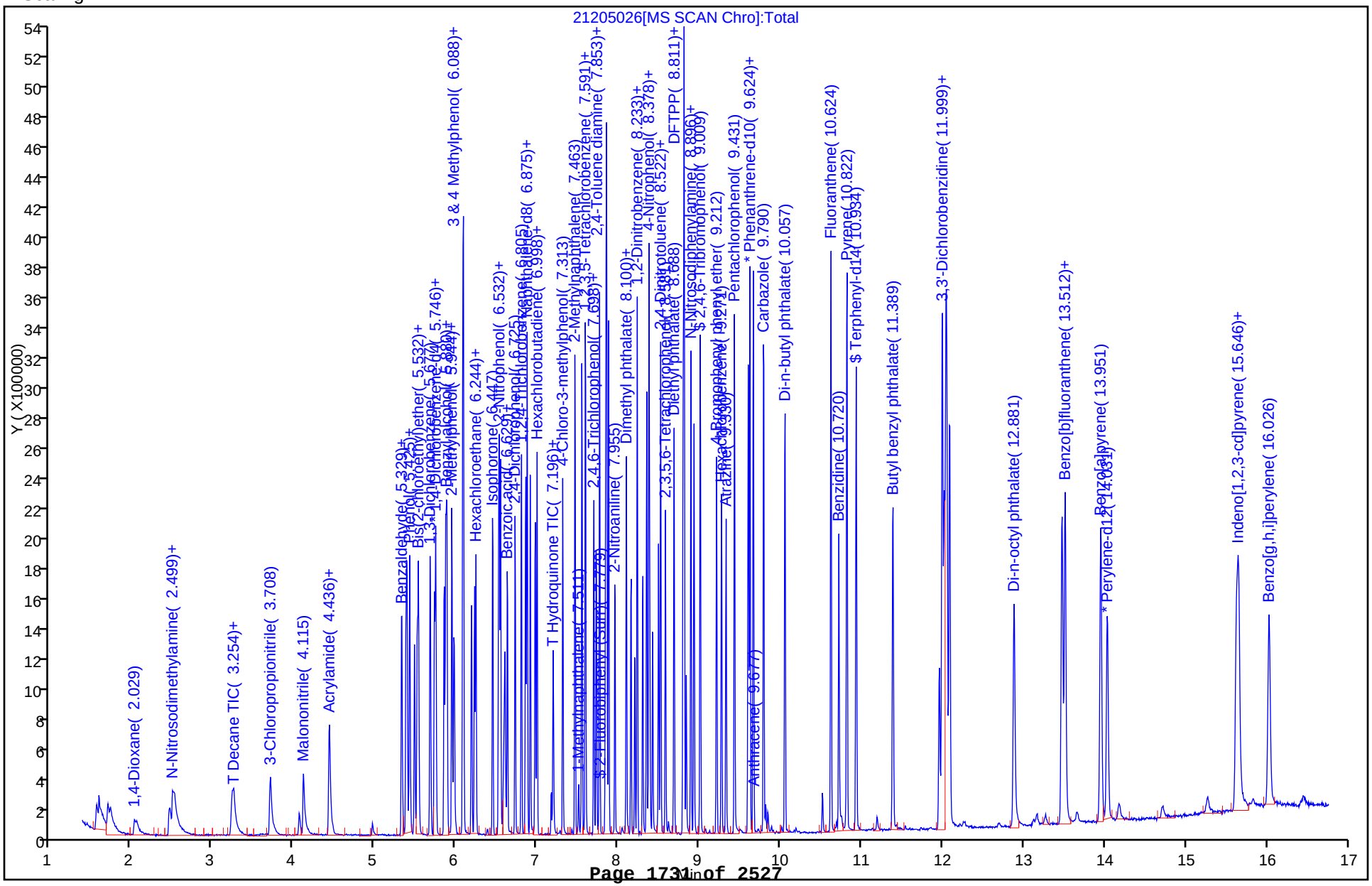
Report Date: 06-Dec-2012 08:49:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205026.D

Injection Date:	05-Dec-2012 18:50:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	26
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.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0011M-0001-SO MS | Lab Sample ID: 240-17768-1 MS

Matrix: Solid | Lab File ID: 21203016.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 30.46(g) | Date Analyzed: 12/03/2012 17:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	476		26	13	13
208-96-8	Acenaphthylene	463		26	13	13
120-12-7	Anthracene	451		26	13	13
56-55-3	Benzo[a]anthracene	468		26	13	13
50-32-8	Benzo[a]pyrene	437		26	13	13
205-99-2	Benzo[b]fluoranthene	456		26	13	13
191-24-2	Benzo[g,h,i]perylene	452		26	13	13
65-85-0	Benzoic acid	1300	U	2600	1300	1300
207-08-9	Benzo[k]fluoranthene	452		26	13	13
100-51-6	Benzyl alcohol	433	J	1300	110	83
111-91-1	Bis(2-chloroethoxy)methane	425		390	110	87
111-44-4	Bis(2-chloroethyl)ether	414		390	13	7.9
108-60-1	bis (2-chloroisopropyl) ether	436		390	110	37
117-81-7	Bis(2-ethylhexyl) phthalate	495		200	110	75
101-55-3	4-Bromophenyl phenyl ether	455		200	110	51
85-68-7	Butyl benzyl phthalate	479		200	110	39
86-74-8	Carbazole	438		200	110	110
106-47-8	4-Chloroaniline	228	J	590	110	67
59-50-7	4-Chloro-3-methylphenol	476	J	590	110	83
91-58-7	2-Chloronaphthalene	464		200	13	13
95-57-8	2-Chlorophenol	416		200	110	110
7005-72-3	4-Chlorophenyl phenyl ether	465		200	110	51
218-01-9	Chrysene	496		26	13	4.3
53-70-3	Dibenz(a,h)anthracene	409		26	13	13
132-64-9	Dibenzofuran	458		200	13	13
95-50-1	1,2-Dichlorobenzene	419		200	110	38
541-73-1	1,3-Dichlorobenzene	398		200	110	43
106-46-7	1,4-Dichlorobenzene	386		200	110	79
91-94-1	3,3'-Dichlorobenzidine	220	J	390	320	71
120-83-2	2,4-Dichlorophenol	472	J	590	110	79
84-66-2	Diethyl phthalate	481		200	110	63
105-67-9	2,4-Dimethylphenol	448	J	590	320	79
131-11-3	Dimethyl phthalate	484		200	110	67
84-74-2	Di-n-butyl phthalate	470		200	110	59

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0011M-0001-SO MS | Lab Sample ID: 240-17768-1 MS

Matrix: Solid | Lab File ID: 21203016.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 30.46(g) | Date Analyzed: 12/03/2012 17:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	320	U J	590	320	320
51-28-5	2,4-Dinitrophenol	320	U J	1300	320	320
121-14-2	2,4-Dinitrotoluene	494	J	790	110	110
606-20-2	2,6-Dinitrotoluene	550	J	790	110	83
117-84-0	Di-n-octyl phthalate	493		200	110	110
206-44-0	Fluoranthene	476		26	13	13
86-73-7	Fluorene	483		26	13	13
118-74-1	Hexachlorobenzene	471		26	13	8.3
87-68-3	Hexachlorobutadiene	422		200	110	110
77-47-4	Hexachlorocyclopentadiene	110	U	1300	110	110
67-72-1	Hexachloroethane	425		200	110	35
193-39-5	Indeno[1,2,3-cd]pyrene	408		26	13	13
78-59-1	Isophorone	473		200	110	51
91-57-6	2-Methylnaphthalene	449		26	13	13
95-48-7	2-Methylphenol	453	J	790	320	320
15831-10-4	3 & 4 Methylphenol	943	J	1600	320	79
91-20-3	Naphthalene	449		26	13	13
88-74-4	2-Nitroaniline	497	J	790	110	36
99-09-2	3-Nitroaniline	344	J	790	320	63
100-01-6	4-Nitroaniline	415	J	790	110	100
98-95-3	Nitrobenzene	442		390	13	8.7
88-75-5	2-Nitrophenol	469		200	110	110
100-02-7	4-Nitrophenol	376	J	1300	320	320
621-64-7	N-Nitrosodi-n-propylamine	482		200	110	110
86-30-6	N-Nitrosodiphenylamine	463		200	110	83
87-86-5	Pentachlorophenol	451	J	590	320	320
85-01-8	Phenanthrene	492		26	13	13
108-95-2	Phenol	478		200	110	110
129-00-0	Pyrene	489		26	13	13
120-82-1	1,2,4-Trichlorobenzene	418		200	110	110
95-95-4	2,4,5-Trichlorophenol	511	J	590	110	98
88-06-2	2,4,6-Trichlorophenol	498	J	590	320	320

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0011M-0001-SO MS | Lab Sample ID: 240-17768-1 MS

Matrix: Solid | Lab File ID: 21203016.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 30.46(g) | Date Analyzed: 12/03/2012 17:10

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	65		45-105
367-12-4	2-Fluorophenol (Surr)	68		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	68		35-100
4165-62-2	Phenol-d5 (Surr)	68		40-100
1718-51-0	Terphenyl-d14 (Surr)	72		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	75		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203016.D
Lims ID: 240-17768-H-1-C MS
Client ID:
Inject. Date: 03-Dec-2012 17:10:30
Dil. Factor: 4.0000
Sample Type: MS
Sample ID: 240-0015460-016
Misc. Info.: 240-17768-h-1-c ms
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 16
Lims Batch ID: 67052
Lims Sample ID: 16
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\8270_hp7.m
Last Update: 04-Dec-2012 11:17:47
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: XAWRK009

First Level Reviewer: gruberj
Date: 04-Dec-2012 09:12:09

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.749	5.744	0.005	95	150614	4.00	
* 2 Naphthalene-d8	136	6.872	6.872	0.0	99	584439	4.00	
* 3 Acenaphthene-d10	164	8.365	8.365	0.0	92	342092	4.00	
* 4 Phenanthrene-d10	188	9.616	9.616	0.0	98	618303	4.00	
* 5 Chrysene-d12	240	12.077	12.077	0.0	97	629492	4.00	
* 6 Perylene-d12	264	14.061	14.066	-0.005	92	531440	4.00	
$ 7 2-Fluorophenol	112	4.503	4.455	0.048	89	118789	2.55	
$ 8 Phenol-d5	99	5.402	5.396	0.006	96	151498	2.56	
$ 9 Nitrobenzene-d5	82	6.241	6.241	0.0	85	87592	1.70	
$ 10 2-Fluorobiphenyl (Surr)	172	7.782	7.782	0.0	98	179455	1.62	
$ 11 2,4,6-Tribromophenol	330	9.028	9.028	0.0	88	39861	2.82	
$ 12 Terphenyl-d14	244	10.948	10.953	-0.005	97	211226	1.81	
41 Phenol	94	5.412	5.407	0.005	99	114810	1.82	
44 Bis(2-chloroethyl)ether	93	5.503	5.498	0.005	92	76739	1.58	
46 2-Chlorophenol	128	5.557	5.551	0.006	90	80724	1.59	
47 1,3-Dichlorobenzene	146	5.696	5.696	0.0	96	83122	1.51	
48 1,4-Dichlorobenzene	146	5.765	5.760	0.005	85	80182	1.47	
49 Benzyl alcohol	108	5.867	5.867	0.0	92	51756	1.65	
50 1,2-Dichlorobenzene	146	5.899	5.899	0.0	94	82830	1.59	
51 2-Methylphenol	108	5.963	5.958	0.005	92	79180	1.72	
52 2,2'-oxybis[1-chloropropane]	45	5.985	5.984	0.0	88	118471	1.66	
191 3 & 4 Methylphenol	108	6.097	6.091	0.006	90	172931	3.59	
56 N-Nitrosodi-n-propylamine	70	6.102	6.102	0.0	77	62563	1.83	
60 Hexachloroethane	117	6.204	6.204	0.0	88	35861	1.62	
61 Nitrobenzene	77	6.257	6.257	0.0	89	89460	1.68	
63 Isophorone	82	6.461	6.466	-0.005	99	167996	1.80	
65 2-Nitrophenol	139	6.535	6.535	0.0	95	44579	1.78	
64 2,4-Dimethylphenol	107	6.562	6.562	0.0	81	83774	1.71	
69 Benzoic acid	122		6.632					9
68 Bis(2-chloroethoxy)methane	93	6.642	6.642	0.0	96	95853	1.62	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.744	6.739	0.005	93	69775	1.80	
72 1,2,4-Trichlorobenzene	180	6.819	6.819	0.0	48	73608	1.59	
73 Naphthalene	128	6.888	6.888	0.0	90	249785	1.71	
74 4-Chloroaniline	127	6.926	6.926	0.0	83	53976	0.8671	
77 Hexachlorobutadiene	225	6.990	6.990	0.0	89	40253	1.61	
84 4-Chloro-3-methylphenol	107	7.327	7.327	0.0	92	75566	1.81	
85 2-Methylnaphthalene	142	7.477	7.477	0.0	86	159841	1.71	
88 Hexachlorocyclopentadiene	237	7.610	7.610	0.0	83	10073	0.3634	
90 2,4,6-Trichlorophenol	196	7.712	7.712	0.0	89	54668	1.90	
91 2,4,5-Trichlorophenol	196	7.744	7.744	0.0	89	60469	1.95	
98 2-Chloronaphthalene	162	7.894	7.894	0.0	89	167067	1.77	
100 2-Nitroaniline	65	7.969	7.969	0.0	65	52423	1.89	
103 Dimethyl phthalate	163	8.113	8.113	0.0	97	184992	1.84	
105 2,6-Dinitrotoluene	165	8.167	8.172	-0.005	77	40693	2.09	
107 Acenaphthylene	152	8.247	8.247	0.0	92	274875	1.76	
108 3-Nitroaniline	138	8.317	8.316	0.001	91	32963	1.31	
110 Acenaphthene	153	8.391	8.391	0.0	93	170146	1.81	
109 2,4-Dinitrophenol	184		8.402					
111 4-Nitrophenol	109	8.440	8.440	0.0	96	20727	1.43	
112 2,4-Dinitrotoluene	165	8.509	8.509	0.0	85	48883	1.88	
114 Dibenzofuran	168	8.536	8.536	0.0	83	243103	1.75	
119 Diethyl phthalate	149	8.702	8.702	0.0	97	192410	1.83	
121 4-Chlorophenyl phenyl ether	204	8.814	8.814	0.0	91	93734	1.77	
124 Fluorene	166	8.825	8.825	0.0	94	205512	1.84	
123 4-Nitroaniline	138	8.825	8.830	-0.005	70	37096	1.58	
126 4,6-Dinitro-2-methylphenol	198	8.851	8.851	0.0	64	10560	1.16	
130 N-Nitrosodiphenylamine	169	8.910	8.910	0.0	0	150188	1.76	
137 4-Bromophenyl phenyl ether	248	9.226	9.226	0.0	62	54651	1.73	
139 Hexachlorobenzene	284	9.285	9.290	-0.005	88	58295	1.80	
141 Pentachlorophenol	266	9.450	9.450	0.0	85	29426	1.72	
146 Phenanthrene	178	9.638	9.638	0.0	95	316502	1.87	
147 Anthracene	178	9.680	9.680	0.0	97	288170	1.72	
149 Carbazole	167	9.809	9.809	0.0	85	272016	1.67	
151 Di-n-butyl phthalate	149	10.071	10.071	0.0	99	327945	1.79	
157 Fluoranthene	202	10.638	10.638	0.0	98	338387	1.81	
160 Pyrene	202	10.836	10.836	0.0	97	373646	1.86	
166 Butyl benzyl phthalate	149	11.408	11.408	0.0	95	137983	1.82	
173 3,3'-Dichlorobenzidine	252	12.018	12.018	0.0	48	45404	0.8388	
171 Bis(2-ethylhexyl) phthalate	149	12.045	12.044	0.001	96	196769	1.88	
175 Benzo[a]anthracene	228	12.066	12.066	0.0	97	313273	1.78	
176 Chrysene	228	12.109	12.109	0.0	86	316020	1.89	
178 Di-n-octyl phthalate	149	12.906	12.911	-0.005	93	296360	1.88	
180 Benzo[b]fluoranthene	252	13.499	13.505	-0.006	94	294222	1.74	
181 Benzo[k]fluoranthene	252	13.542	13.542	0.0	96	317310	1.72	
182 Benzo[a]pyrene	252	13.981	13.986	-0.005	71	266717	1.66	
186 Indeno[1,2,3-cd]pyrene	276	15.660	15.660	0.0	97	279135	1.56	
187 Dibenz(a,h)anthracene	278	15.687	15.692	-0.005	66	229390	1.56	
188 Benzo[g,h,i]perylene	276	16.061	16.067	-0.006	92	261560	1.72	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

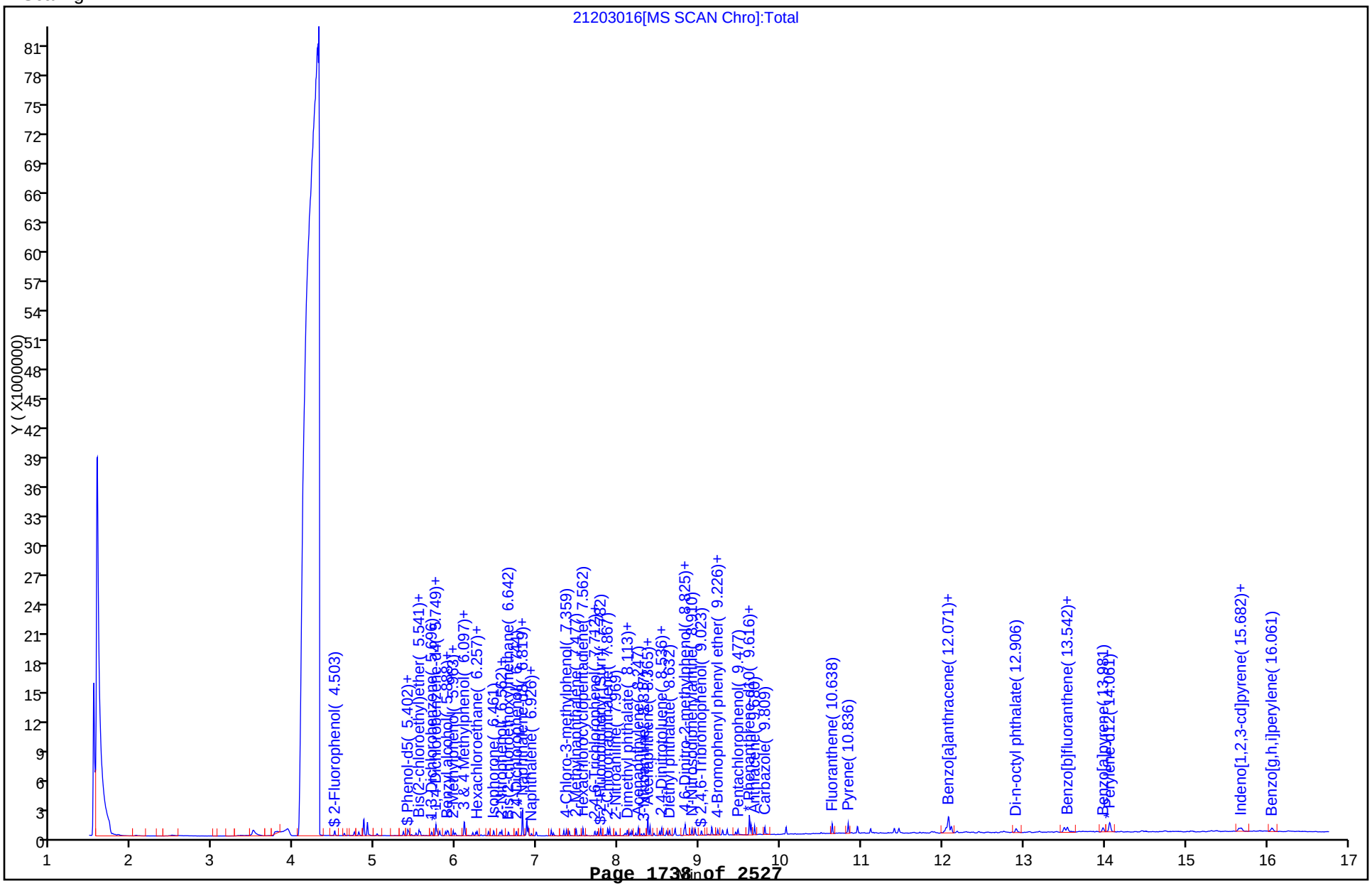
Report Date: 04-Dec-2012 11:18:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203016.D

Injection Date:	03-Dec-2012 17:10:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0016M-0001-SO MS | Lab Sample ID: 240-17768-6 MS

Matrix: Solid | Lab File ID: 21205007.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 11:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 29.86(g) | Date Analyzed: 12/05/2012 11:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	436	D	67	33	33
208-96-8	Acenaphthylene	430	D	67	33	33
120-12-7	Anthracene	401	D	67	33	33
56-55-3	Benzo[a]anthracene	409	D	67	33	33
50-32-8	Benzo[a]pyrene	427	D	67	33	33
205-99-2	Benzo[b]fluoranthene	396	D	67	33	33
191-24-2	Benzo[g,h,i]perylene	500	D	67	33	33
65-85-0	Benzoic acid	3300	U	6600	3300	3300
207-08-9	Benzo[k]fluoranthene	380	D	67	33	33
100-51-6	Benzyl alcohol	389	J D	3300	270	210
111-91-1	Bis(2-chloroethoxy)methane	427	J D	1000	270	220
111-44-4	Bis(2-chloroethyl)ether	419	J D	1000	33	20
108-60-1	bis (2-chloroisopropyl) ether	396	J D	1000	270	95
117-81-7	Bis(2-ethylhexyl) phthalate	501	D	500	270	190
101-55-3	4-Bromophenyl phenyl ether	444	J D	500	270	130
85-68-7	Butyl benzyl phthalate	489	J D	500	270	100
86-74-8	Carbazole	398	J D	500	270	270
106-47-8	4-Chloroaniline	270	U J	1500	270	170
59-50-7	4-Chloro-3-methylphenol	431	J D	1500	270	210
91-58-7	2-Chloronaphthalene	450	J D	500	33	33
95-57-8	2-Chlorophenol	432	J D	500	270	270
7005-72-3	4-Chlorophenyl phenyl ether	451	J D	500	270	130
218-01-9	Chrysene	477	D	67	33	11
53-70-3	Dibenz(a,h)anthracene	33	U J	67	33	33
132-64-9	Dibenzofuran	442	J D	500	33	33
95-50-1	1,2-Dichlorobenzene	454	J D	500	270	97
541-73-1	1,3-Dichlorobenzene	383	J D	500	270	110
106-46-7	1,4-Dichlorobenzene	420	J D	500	270	200
91-94-1	3,3'-Dichlorobenzidine	800	U J	1000	800	180
120-83-2	2,4-Dichlorophenol	404	J D	1500	270	200
84-66-2	Diethyl phthalate	437	J D	500	270	160
105-67-9	2,4-Dimethylphenol	201	J D	1500	800	200
131-11-3	Dimethyl phthalate	440	J D	500	270	170
84-74-2	Di-n-butyl phthalate	410	J D	500	270	150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0016M-0001-SO MS | Lab Sample ID: 240-17768-6 MS

Matrix: Solid | Lab File ID: 21205007.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 11:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 29.86(g) | Date Analyzed: 12/05/2012 11:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	800	U	1500	800	800
51-28-5	2,4-Dinitrophenol	800	U	3300	800	800
121-14-2	2,4-Dinitrotoluene	568	J D	2000	270	270
606-20-2	2,6-Dinitrotoluene	636	J D	2000	270	210
117-84-0	Di-n-octyl phthalate	540	D	500	270	270
206-44-0	Fluoranthene	435	D	67	33	33
86-73-7	Fluorene	444	D	67	33	33
118-74-1	Hexachlorobenzene	461	D	67	33	21
87-68-3	Hexachlorobutadiene	431	J D	500	270	270
77-47-4	Hexachlorocyclopentadiene	270	U	3300	270	270
67-72-1	Hexachloroethane	419	J D	500	270	90
193-39-5	Indeno[1,2,3-cd]pyrene	411	D	67	33	33
78-59-1	Isophorone	459	J D	500	270	130
91-57-6	2-Methylnaphthalene	470	D	67	33	33
95-48-7	2-Methylphenol	800	U	2000	800	800
15831-10-4	3 & 4 Methylphenol	824	J D	4000	800	200
91-20-3	Naphthalene	447	D	67	33	33
88-74-4	2-Nitroaniline	357	J D	2000	270	91
99-09-2	3-Nitroaniline	234	J D	2000	800	160
100-01-6	4-Nitroaniline	270	U J	2000	270	260
98-95-3	Nitrobenzene	427	J D	1000	33	22
88-75-5	2-Nitrophenol	400	J D	500	270	270
100-02-7	4-Nitrophenol	800	U	3300	800	800
621-64-7	N-Nitrosodi-n-propylamine	450	J D	500	270	270
86-30-6	N-Nitrosodiphenylamine	270	U J	500	270	210
87-86-5	Pentachlorophenol	800	U	1500	800	800
85-01-8	Phenanthrene	432	D	67	33	33
108-95-2	Phenol	440	J D	500	270	270
129-00-0	Pyrene	430	D	67	33	33
120-82-1	1,2,4-Trichlorobenzene	412	J D	500	270	270
95-95-4	2,4,5-Trichlorophenol	416	J D	1500	270	250
88-06-2	2,4,6-Trichlorophenol	800	U	1500	800	800

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0016M-0001-SO MS | Lab Sample ID: 240-17768-6 MS

Matrix: Solid | Lab File ID: 21205007.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 11:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 29.86(g) | Date Analyzed: 12/05/2012 11:29

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	63		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	61		35-100
4165-62-2	Phenol-d5 (Surr)	68		40-100
1718-51-0	Terphenyl-d14 (Surr)	67		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	59		35-125

Report Date: 06-Dec-2012 08:50:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205007.D
Lims ID: 240-17768-H-6-C MS Client ID:
Inject. Date: 05-Dec-2012 11:29:30 Dil. Factor: 10.0000
Sample Type: MS
Sample ID: 240-0015541-007
Misc. Info.: 240-17768-h-6-c ms
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 67390 Lims Sample ID: 7
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m
Last Update: 06-Dec-2012 08:49:41 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: XAWRK028

First Level Reviewer: gruberj Date: 05-Dec-2012 12:55:10

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.735	5.730	0.005	95	184606	4.00	
* 2 Naphthalene-d8	136	6.859	6.859	0.0	99	700141	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	93	405188	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	97	704560	4.00	
* 5 Chrysene-d12	240	12.052	12.057	-0.005	98	697710	4.00	
* 6 Perylene-d12	264	14.031	14.036	-0.005	95	561449	4.00	
$ 7 2-Fluorophenol	112	4.500	4.430	0.070	90	55776	0.9774	
$ 8 Phenol-d5	99	5.388	5.382	0.006	83	73805	1.02	
$ 9 Nitrobenzene-d5	82	6.227	6.227	0.0	86	37294	0.6058	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	97	83405	0.6345	
$ 11 2,4,6-Tribromophenol	330	9.014	9.014	0.0	79	14912	0.8896	
$ 12 Terphenyl-d14	244	10.934	10.934	0.0	93	86373	0.6684	
41 Phenol	94	5.404	5.393	0.011	98	50717	0.6566	
44 Bis(2-chloroethyl)ether	93	5.495	5.484	0.011	94	37307	0.6253	
46 2-Chlorophenol	128	5.543	5.532	0.011	89	40213	0.6444	
47 1,3-Dichlorobenzene	146	5.682	5.677	0.005	93	38506	0.5725	
48 1,4-Dichlorobenzene	146	5.751	5.746	0.005	82	41927	0.6275	
49 Benzyl alcohol	108	5.853	5.853	0.0	86	22331	0.5807	
50 1,2-Dichlorobenzene	146	5.885	5.885	0.0	91	43184	0.6778	
51 2-Methylphenol	108	5.949	5.944	0.005	95	31760	0.5641	
52 2,2'-oxybis[1-chloropropane]	45	5.976	5.976	0.0	87	51801	0.5916	
191 3 & 4 Methylphenol	108	6.083	6.078	0.005	92	72651	1.23	
56 N-Nitrosodi-n-propylamine	70	6.088	6.088	0.0	72	28118	0.6726	
60 Hexachloroethane	117	6.190	6.190	0.0	88	16975	0.6251	
61 Nitrobenzene	77	6.244	6.243	0.001	84	40605	0.6382	
63 Isophorone	82	6.452	6.452	0.0	98	76504	0.6851	
65 2-Nitrophenol	139	6.522	6.522	0.0	85	17871	0.5970	
64 2,4-Dimethylphenol	107	6.548	6.548	0.0	92	17670	0.3002	
69 Benzoic acid	122		6.618					
68 Bis(2-chloroethoxy)methane	93	6.634	6.634	0.0	97	45259	0.6381	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.730	6.730	0.0	88	28056	0.6032	
72 1,2,4-Trichlorobenzene	180	6.805	6.805	0.0	39	34135	0.6154	
73 Naphthalene	128	6.875	6.875	0.0	95	116730	0.6672	
74 4-Chloroaniline	127	6.917	6.912	0.005	56	10309	0.1382	
77 Hexachlorobutadiene	225	6.976	6.976	0.0	84	19311	0.6428	
84 4-Chloro-3-methylphenol	107	7.313	7.313	0.0	95	32139	0.6433	
85 2-Methylnaphthalene	142	7.463	7.468	-0.005	92	78442	0.7010	
88 Hexachlorocyclopentadiene	237	7.597	7.597	0.0	64	4621	0.1407	
90 2,4,6-Trichlorophenol	196	7.698	7.698	0.0	88	20055	0.5872	
91 2,4,5-Trichlorophenol	196	7.730	7.730	0.0	83	22870	0.6216	
98 2-Chloronaphthalene	162	7.880	7.880	0.0	87	75143	0.6716	
100 2-Nitroaniline	65	7.960	7.955	0.005	82	17511	0.5332	
103 Dimethyl phthalate	163	8.099	8.099	0.0	97	78253	0.6576	
105 2,6-Dinitrotoluene	165	8.153	8.158	-0.005	73	15552	0.9493	
107 Acenaphthylene	152	8.233	8.233	0.0	90	118783	0.6427	
108 3-Nitroaniline	138	8.303	8.303	0.0	82	10405	0.3493	
110 Acenaphthene	153	8.378	8.378	0.0	94	72299	0.6505	
109 2,4-Dinitrophenol	184		8.388					9
111 4-Nitrophenol	109	8.426	8.426	0.0	87	9192	0.5357	
112 2,4-Dinitrotoluene	165	8.495	8.495	0.0	80	18963	0.8478	
114 Dibenzofuran	168	8.522	8.522	0.0	84	108740	0.6592	
119 Diethyl phthalate	149	8.688	8.688	0.0	97	81148	0.6523	
121 4-Chlorophenyl phenyl ether	204	8.800	8.800	0.0	87	42238	0.6739	
124 Fluorene	166	8.811	8.811	0.0	93	87723	0.6622	
123 4-Nitroaniline	138		8.816					9
126 4,6-Dinitro-2-methylphenol	198	8.838	8.838	0.0	71	5996	0.9083	
130 N-Nitrosodiphenylamine	169		8.896					
137 4-Bromophenyl phenyl ether	248	9.212	9.212	0.0	59	23825	0.6630	
139 Hexachlorobenzene	284	9.271	9.271	0.0	73	25490	0.6888	
141 Pentachlorophenol	266	9.431	9.431	0.0	68	9980	0.7753	
146 Phenanthrene	178	9.624	9.624	0.0	87	124180	0.6451	
147 Anthracene	178	9.667	9.667	0.0	97	114619	0.5993	
149 Carbazole	167	9.795	9.795	0.0	81	110415	0.5943	
151 Di-n-butyl phthalate	149	10.057	10.057	0.0	99	127845	0.6127	
157 Fluoranthene	202	10.624	10.624	0.0	96	138152	0.6499	
160 Pyrene	202	10.817	10.822	-0.005	97	142919	0.6420	
166 Butyl benzyl phthalate	149	11.389	11.389	0.0	94	54419	0.7307	
173 3,3'-Dichlorobenzidine	252		11.999					9
171 Bis(2-ethylhexyl) phthalate	149	12.020	12.020	0.0	96	71317	0.7475	
175 Benzo[a]anthracene	228	12.041	12.041	0.0	90	118800	0.6101	
176 Chrysene	228	12.084	12.090	-0.006	83	132203	0.7124	
178 Di-n-octyl phthalate	149	12.881	12.881	0.0	93	95903	0.8055	
180 Benzo[b]fluoranthene	252	13.475	13.475	0.0	92	105967	0.5916	
181 Benzo[k]fluoranthene	252	13.512	13.518	-0.006	92	110404	0.5673	
182 Benzo[a]pyrene	252	13.951	13.951	0.0	68	94960	0.6371	
186 Indeno[1,2,3-cd]pyrene	276	15.630	15.630	0.0	96	106373	0.6143	
187 Dibenz(a,h)anthracene	278		15.657					2
188 Benzo[g,h,i]perylene	276	16.026	16.031	-0.005	94	119912	0.7460	

QC Flag Legend

Processing Flags
2 - Failed Coelution Test
9 - Failed A Reference Spectral Test

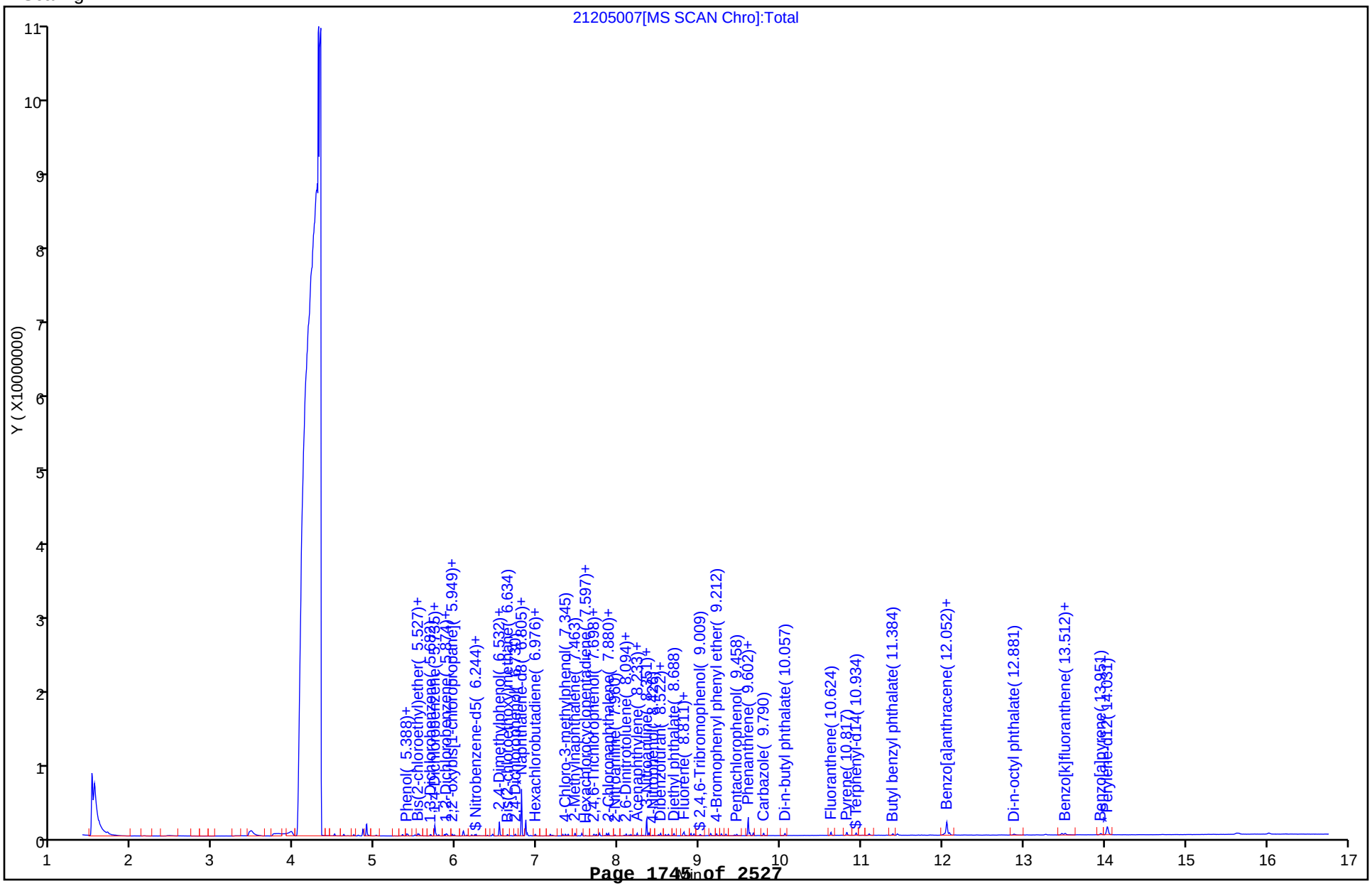
Report Date: 06-Dec-2012 08:50:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205007.D

Injection Date:	05-Dec-2012 11:29:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0036M-0001-SO MS | Lab Sample ID: 240-17768-23 MS

Matrix: Solid | Lab File ID: 21130007.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.86(g) | Date Analyzed: 11/30/2012 10:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	471	D	34	17	17
208-96-8	Acenaphthylene	474	D	34	17	17
120-12-7	Anthracene	526	D	34	17	17
56-55-3	Benzo[a]anthracene	515	D	34	17	17
50-32-8	Benzo[a]pyrene	451	D	34	17	17
205-99-2	Benzo[b]fluoranthene	457	D	34	17	17
191-24-2	Benzo[g,h,i]perylene	498	D	34	17	17
65-85-0	Benzoic acid	1700	U	3300	1700	1700
207-08-9	Benzo[k]fluoranthene	496	D	34	17	17
100-51-6	Benzyl alcohol	404	J D	1700	140	110
111-91-1	Bis(2-chloroethoxy)methane	438	J D	500	140	110
111-44-4	Bis(2-chloroethyl)ether	438	J D	500	17	10
108-60-1	bis (2-chloroisopropyl) ether	440	J D	500	140	48
117-81-7	Bis(2-ethylhexyl) phthalate	537	D	250	140	95
101-55-3	4-Bromophenyl phenyl ether	554	D	250	140	65
85-68-7	Butyl benzyl phthalate	536	D	250	140	50
86-74-8	Carbazole	517	D	250	140	140
106-47-8	4-Chloroaniline	175	J D	750	140	85
59-50-7	4-Chloro-3-methylphenol	521	J D	750	140	110
91-58-7	2-Chloronaphthalene	446	D	250	17	17
95-57-8	2-Chlorophenol	456	D	250	140	140
7005-72-3	4-Chlorophenyl phenyl ether	514	D	250	140	65
218-01-9	Chrysene	553	D	34	17	5.5
53-70-3	Dibenz(a,h)anthracene	441	D	34	17	17
132-64-9	Dibenzofuran	487	D	250	17	17
95-50-1	1,2-Dichlorobenzene	440	D	250	140	49
541-73-1	1,3-Dichlorobenzene	407	D	250	140	55
106-46-7	1,4-Dichlorobenzene	430	D	250	140	100
91-94-1	3,3'-Dichlorobenzidine	305	J D	500	400	90
120-83-2	2,4-Dichlorophenol	495	J D	750	140	100
84-66-2	Diethyl phthalate	549	D	250	140	80
105-67-9	2,4-Dimethylphenol	394	J D	750	400	100
131-11-3	Dimethyl phthalate	525	D	250	140	85
84-74-2	Di-n-butyl phthalate	534	D	250	140	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0036M-0001-SO MS | Lab Sample ID: 240-17768-23 MS

Matrix: Solid | Lab File ID: 21130007.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.86(g) | Date Analyzed: 11/30/2012 10:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	528	J D	750	400	400
51-28-5	2,4-Dinitrophenol	882	D J	1700	400	400
121-14-2	2,4-Dinitrotoluene	581	J D	1000	140	140
606-20-2	2,6-Dinitrotoluene	586	J D	1000	140	110
117-84-0	Di-n-octyl phthalate	492	D	250	140	140
206-44-0	Fluoranthene	541	D	34	17	17
86-73-7	Fluorene	515	D	34	17	17
118-74-1	Hexachlorobenzene	529	D	34	17	11
87-68-3	Hexachlorobutadiene	422	D	250	140	140
77-47-4	Hexachlorocyclopentadiene	345	J D	1700	140	140
67-72-1	Hexachloroethane	424	D	250	140	45
193-39-5	Indeno[1,2,3-cd]pyrene	472	D	34	17	17
78-59-1	Isophorone	478	D	250	140	65
91-57-6	2-Methylnaphthalene	456	D	34	17	17
95-48-7	2-Methylphenol	430	J D	1000	400	400
15831-10-4	3 & 4 Methylphenol	953	J D	2000	400	100
91-20-3	Naphthalene	452	D	34	17	17
88-74-4	2-Nitroaniline	541	J D	1000	140	46
99-09-2	3-Nitroaniline	468	J D	1000	400	80
100-01-6	4-Nitroaniline	549	J D	1000	140	130
98-95-3	Nitrobenzene	442	J D	500	17	11
88-75-5	2-Nitrophenol	470	D	250	140	140
100-02-7	4-Nitrophenol	436	J D	1700	400	400
621-64-7	N-Nitrosodi-n-propylamine	512	D	250	140	140
86-30-6	N-Nitrosodiphenylamine	535	D	250	140	110
87-86-5	Pentachlorophenol	488	J D	750	400	400
85-01-8	Phenanthrene	529	D	34	17	17
108-95-2	Phenol	467	D	250	140	140
129-00-0	Pyrene	494	D	34	17	17
120-82-1	1,2,4-Trichlorobenzene	415	D	250	140	140
95-95-4	2,4,5-Trichlorophenol	516	J D	750	140	130
88-06-2	2,4,6-Trichlorophenol	495	J D	750	400	400

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0036M-0001-SO MS | Lab Sample ID: 240-17768-23 MS

Matrix: Solid | Lab File ID: 21130007.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 29.86(g) | Date Analyzed: 11/30/2012 10:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	66		45-105
367-12-4	2-Fluorophenol (Surr)	72		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	66		35-100
4165-62-2	Phenol-d5 (Surr)	69		40-100
1718-51-0	Terphenyl-d14 (Surr)	81		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	77		35-125

Report Date: 03-Dec-2012 10:35:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130007.D
Lims ID: 240-17768-E-23-E MS Client ID:
Inject. Date: 30-Nov-2012 10:47:30 Dil. Factor: 5.0000
Sample Type: MS
Sample ID: 240-0015418-007
Misc. Info.: -17768-e-23-e ms
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 66878 Lims Sample ID: 7
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m
Last Update: 03-Dec-2012 10:35:45 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: XAWRK014

First Level Reviewer: gruberj Date: 30-Nov-2012 13:37:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.778	5.778	0.0	98	128131	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	99	505054	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	93	290305	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	97	505693	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.005	97	532281	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	96	464460	4.00	
$ 7 2-Fluorophenol	112	4.515	4.494	0.021	88	86033	2.17	
$ 8 Phenol-d5	99	5.430	5.425	0.005	96	104658	2.08	
$ 9 Nitrobenzene-d5	82	6.270	6.270	0.0	88	58784	1.32	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	99	123908	1.32	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	89	27839	2.32	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	159796	1.62	
41 Phenol	94	5.446	5.441	0.005	98	74770	1.39	
44 Bis(2-chloroethyl)ether	93	5.532	5.532	0.0	90	54148	1.31	
46 2-Chlorophenol	128	5.585	5.585	0.0	96	59008	1.36	
47 1,3-Dichlorobenzene	146	5.730	5.724	0.006	96	56760	1.22	
48 1,4-Dichlorobenzene	146	5.794	5.794	0.0	89	59569	1.28	
49 Benzyl alcohol	108	5.901	5.895	0.006	92	32209	1.21	
50 1,2-Dichlorobenzene	146	5.933	5.933	0.0	84	58069	1.31	
51 2-Methylphenol	108	5.992	5.992	0.0	96	50190	1.28	
52 2,2'-oxybis[1-chloropropane]	45	6.018	6.019	0.0	90	79783	1.31	
191 3 & 4 Methylphenol	108	6.125	6.125	0.0	93	116559	2.85	
56 N-Nitrosodi-n-propylamine	70	6.131	6.131	0.0	74	44329	1.53	
60 Hexachloroethane	117	6.232	6.238	-0.006	88	23862	1.27	
61 Nitrobenzene	77	6.291	6.291	0.0	84	60515	1.32	
63 Isophorone	82	6.494	6.495	-0.001	97	114916	1.43	
65 2-Nitrophenol	139	6.569	6.569	0.0	92	30311	1.40	
64 2,4-Dimethylphenol	107	6.591	6.591	0.0	93	50008	1.18	
69 Benzoic acid	122		6.660					
68 Bis(2-chloroethoxy)methane	93	6.676	6.676	0.0	98	66950	1.31	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.773	6.773	0.0	94	49616	1.48	
72 1,2,4-Trichlorobenzene	180	6.847	6.848	-0.001	56	49634	1.24	
73 Naphthalene	128	6.922	6.922	0.0	97	170504	1.35	
74 4-Chloroaniline	127	6.960	6.960	0.0	84	28107	0.5225	
77 Hexachlorobutadiene	225	7.019	7.019	0.0	91	27322	1.26	
84 4-Chloro-3-methylphenol	107	7.356	7.361	-0.005	91	56108	1.56	
85 2-Methylnaphthalene	142	7.511	7.511	0.0	90	109983	1.36	
88 Hexachlorocyclopentadiene	237	7.639	7.639	0.0	84	24234	1.03	
90 2,4,6-Trichlorophenol	196	7.741	7.746	-0.005	85	36192	1.48	
91 2,4,5-Trichlorophenol	196	7.773	7.778	-0.005	94	40638	1.54	
98 2-Chloronaphthalene	162	7.928	7.928	0.0	94	106734	1.33	
100 2-Nitroaniline	65	8.003	8.003	0.0	64	38023	1.62	
103 Dimethyl phthalate	163	8.142	8.147	-0.005	97	133686	1.57	
105 2,6-Dinitrotoluene	165	8.201	8.201	0.0	84	27522	1.75	
107 Acenaphthylene	152	8.281	8.281	0.0	93	187480	1.42	
108 3-Nitroaniline	138	8.350	8.351	-0.001	93	29821	1.40	
110 Acenaphthene	153	8.425	8.425	0.0	91	111978	1.41	
109 2,4-Dinitrophenol	184	8.436	8.436	0.0	45	5380	2.63	
111 4-Nitrophenol	109	8.473	8.468	0.005	87	16017	1.30	
112 2,4-Dinitrotoluene	165	8.543	8.543	0.0	85	37549	1.74	
114 Dibenzofuran	168	8.570	8.570	0.0	86	171951	1.45	
119 Diethyl phthalate	149	8.730	8.736	-0.006	96	146148	1.64	
121 4-Chlorophenyl phenyl ether	204	8.848	8.848	0.0	89	68879	1.53	
124 Fluorene	166	8.859	8.859	0.0	92	145847	1.54	
123 4-Nitroaniline	138	8.859	8.864	-0.005	53	32904	1.64	
126 4,6-Dinitro-2-methylphenol	198	8.885	8.885	0.0	68	16001	1.58	
130 N-Nitrosodiphenylamine	169	8.944	8.944	0.0	0	111385	1.60	
137 4-Bromophenyl phenyl ether	248	9.260	9.260	0.0	61	42643	1.65	
139 Hexachlorobenzene	284	9.324	9.324	0.0	89	41936	1.58	
141 Pentachlorophenol	266	9.484	9.484	0.0	84	19435	1.46	
146 Phenanthrene	178	9.672	9.672	0.0	97	218161	1.58	
147 Anthracene	178	9.714	9.714	0.0	97	215650	1.57	
149 Carbazole	167	9.843	9.843	0.0	81	205996	1.54	
151 Di-n-butyl phthalate	149	10.105	10.105	0.0	99	238642	1.59	
157 Fluoranthene	202	10.677	10.677	0.0	97	246362	1.61	
160 Pyrene	202	10.875	10.875	0.0	97	250762	1.48	
166 Butyl benzyl phthalate	149	11.447	11.447	0.0	95	101250	1.60	
173 3,3'-Dichlorobenzidine	252	12.068	12.068	0.0	65	42778	0.9119	
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	96	138595	1.60	
175 Benzo[a]anthracene	228	12.116	12.116	0.0	93	228409	1.54	
176 Chrysene	228	12.164	12.164	0.0	91	233565	1.65	
178 Di-n-octyl phthalate	149	12.966	12.961	0.005	98	190240	1.47	
180 Benzo[b]fluoranthene	252	13.565	13.565	0.0	92	202171	1.36	
181 Benzo[k]fluoranthene	252	13.603	13.608	-0.005	97	238626	1.48	
182 Benzo[a]pyrene	252	14.047	14.052	-0.005	74	185430	1.35	
186 Indeno[1,2,3-cd]pyrene	276	15.742	15.742	0.0	98	219562	1.41	
187 Dibenz(a,h)anthracene	278	15.764	15.769	-0.005	75	165639	1.32	
188 Benzo[g,h,i]perylene	276	16.143	16.154	-0.011	88	197578	1.49	

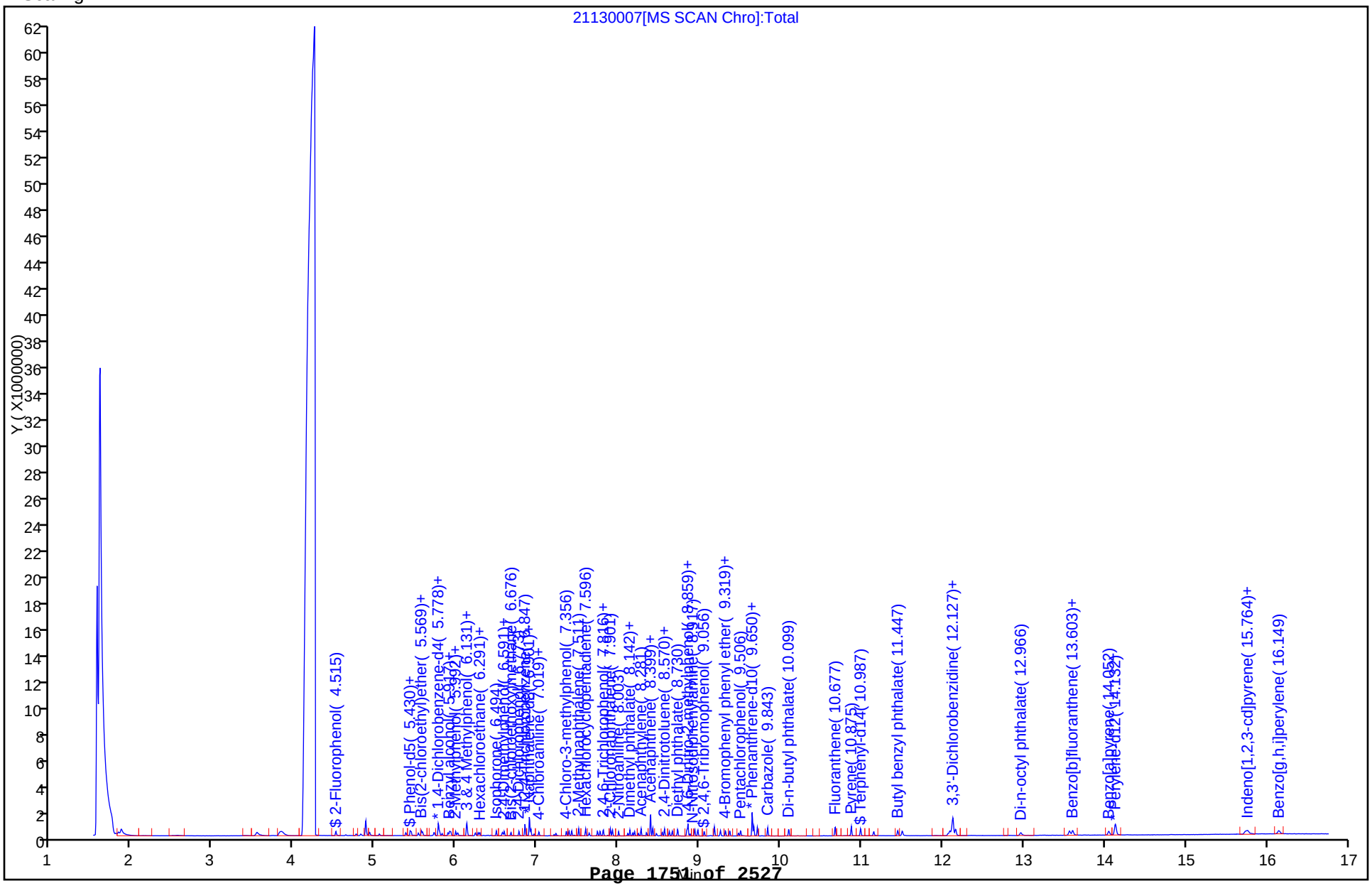
Report Date: 03-Dec-2012 10:35:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130007.D

Injection Date:	30-Nov-2012 10:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0011M-0001-SO MSD | Lab Sample ID: 240-17768-1 MSD

Matrix: Solid | Lab File ID: 21203017.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 29.83(g) | Date Analyzed: 12/03/2012 17:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	419		27	13	13
208-96-8	Acenaphthylene	423		27	13	13
120-12-7	Anthracene	423		27	13	13
56-55-3	Benzo[a]anthracene	432		27	13	13
50-32-8	Benzo[a]pyrene	397		27	13	13
205-99-2	Benzo[b]fluoranthene	397		27	13	13
191-24-2	Benzo[g,h,i]perylene	391		27	13	13
65-85-0	Benzoic acid	1300	U	2700	1300	1300
207-08-9	Benzo[k]fluoranthene	409		27	13	13
100-51-6	Benzyl alcohol	412	J	1300	110	84
111-91-1	Bis(2-chloroethoxy)methane	393	J	400	110	89
111-44-4	Bis(2-chloroethyl)ether	383	J	400	13	8.0
108-60-1	bis (2-chloroisopropyl) ether	391	J	400	110	38
117-81-7	Bis(2-ethylhexyl) phthalate	485		200	110	76
101-55-3	4-Bromophenyl phenyl ether	431		200	110	52
85-68-7	Butyl benzyl phthalate	478		200	110	40
86-74-8	Carbazole	418		200	110	110
106-47-8	4-Chloroaniline	200	J	600	110	68
59-50-7	4-Chloro-3-methylphenol	434	J	600	110	84
91-58-7	2-Chloronaphthalene	410		200	13	13
95-57-8	2-Chlorophenol	406		200	110	110
7005-72-3	4-Chlorophenyl phenyl ether	433		200	110	52
218-01-9	Chrysene	466		27	13	4.4
53-70-3	Dibenz(a,h)anthracene	334		27	13	13
132-64-9	Dibenzofuran	427		200	13	13
95-50-1	1,2-Dichlorobenzene	379		200	110	39
541-73-1	1,3-Dichlorobenzene	345		200	110	44
106-46-7	1,4-Dichlorobenzene	364		200	110	80
91-94-1	3,3'-Dichlorobenzidine	222	J	400	320	72
120-83-2	2,4-Dichlorophenol	426	J	600	110	80
84-66-2	Diethyl phthalate	444		200	110	64
105-67-9	2,4-Dimethylphenol	425	J	600	320	80
131-11-3	Dimethyl phthalate	441		200	110	68
84-74-2	Di-n-butyl phthalate	444		200	110	60

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0011M-0001-SO MSD | Lab Sample ID: 240-17768-1 MSD

Matrix: Solid | Lab File ID: 21203017.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 29.83(g) | Date Analyzed: 12/03/2012 17:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	320	U J	600	320	320
51-28-5	2,4-Dinitrophenol	320	U J	1300	320	320
121-14-2	2,4-Dinitrotoluene	474	J	800	110	110
606-20-2	2,6-Dinitrotoluene	495	J	800	110	84
117-84-0	Di-n-octyl phthalate	451		200	110	110
206-44-0	Fluoranthene	459		27	13	13
86-73-7	Fluorene	438		27	13	13
118-74-1	Hexachlorobenzene	425		27	13	8.4
87-68-3	Hexachlorobutadiene	373		200	110	110
77-47-4	Hexachlorocyclopentadiene	110	U	1300	110	110
67-72-1	Hexachloroethane	337		200	110	36
193-39-5	Indeno[1,2,3-cd]pyrene	380		27	13	13
78-59-1	Isophorone	441		200	110	52
91-57-6	2-Methylnaphthalene	442		27	13	13
95-48-7	2-Methylphenol	402	J	800	320	320
15831-10-4	3 & 4 Methylphenol	822	J	1600	320	80
91-20-3	Naphthalene	395		27	13	13
88-74-4	2-Nitroaniline	435	J	800	110	37
99-09-2	3-Nitroaniline	316	J	800	320	64
100-01-6	4-Nitroaniline	385	J	800	110	100
98-95-3	Nitrobenzene	401		400	13	8.9
88-75-5	2-Nitrophenol	431		200	110	110
100-02-7	4-Nitrophenol	385	J	1300	320	320
621-64-7	N-Nitrosodi-n-propylamine	439		200	110	110
86-30-6	N-Nitrosodiphenylamine	443		200	110	84
87-86-5	Pentachlorophenol	419	J	600	320	320
85-01-8	Phenanthrene	451		27	13	13
108-95-2	Phenol	430		200	110	110
129-00-0	Pyrene	435		27	13	13
120-82-1	1,2,4-Trichlorobenzene	390		200	110	110
95-95-4	2,4,5-Trichlorophenol	416	J	600	110	100
88-06-2	2,4,6-Trichlorophenol	442	J	600	320	320

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0011M-0001-SO MSD | Lab Sample ID: 240-17768-1 MSD

Matrix: Solid | Lab File ID: 21203017.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 12:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:49

Sample wt/vol: 29.83(g) | Date Analyzed: 12/03/2012 17:34

Con. Extract Vol.: 2(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67052 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	56		45-105
367-12-4	2-Fluorophenol (Surr)	59		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	58		35-100
4165-62-2	Phenol-d5 (Surr)	63		40-100
1718-51-0	Terphenyl-d14 (Surr)	64		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	64		35-125

Report Date: 04-Dec-2012 11:18:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203017.D
Lims ID: 240-17768-H-1-D MSD Client ID:
Inject. Date: 03-Dec-2012 17:34:30 Dil. Factor: 4.0000
Sample Type: MSD
Sample ID: 240-0015460-017
Misc. Info.: 240-17768-h-1-d msd
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 67052 Lims Sample ID: 17
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\8270_hp7.m
Last Update: 04-Dec-2012 11:17:47 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: XAWRK009

First Level Reviewer: gruberj Date: 04-Dec-2012 09:12:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.749	5.744	0.005	94	176894	4.00	
* 2 Naphthalene-d8	136	6.872	6.872	0.0	99	668617	4.00	
* 3 Acenaphthene-d10	164	8.364	8.365	-0.001	93	393837	4.00	
* 4 Phenanthrene-d10	188	9.616	9.616	0.0	97	688118	4.00	
* 5 Chrysene-d12	240	12.076	12.077	-0.001	97	705661	4.00	
* 6 Perylene-d12	264	14.066	14.066	0.0	96	622142	4.00	
$ 7 2-Fluorophenol	112	4.497	4.455	0.042	90	121841	2.23	
$ 8 Phenol-d5	99	5.401	5.396	0.005	95	165081	2.38	
$ 9 Nitrobenzene-d5	82	6.241	6.241	0.0	87	85227	1.45	
$ 10 2-Fluorobiphenyl (Surr)	172	7.781	7.782	-0.001	99	177902	1.39	
$ 11 2,4,6-Tribromophenol	330	9.028	9.028	0.0	86	39210	2.41	
$ 12 Terphenyl-d14	244	10.953	10.953	0.0	99	210721	1.61	
41 Phenol	94	5.412	5.407	0.005	99	118670	1.60	
44 Bis(2-chloroethyl)ether	93	5.503	5.498	0.005	95	81546	1.43	
46 2-Chlorophenol	128	5.556	5.551	0.005	95	90469	1.51	
47 1,3-Dichlorobenzene	146	5.696	5.696	0.0	95	82814	1.28	
48 1,4-Dichlorobenzene	146	5.765	5.760	0.005	84	86796	1.36	
49 Benzyl alcohol	108	5.867	5.867	0.0	89	56615	1.54	
50 1,2-Dichlorobenzene	146	5.899	5.899	0.0	88	86300	1.41	
51 2-Methylphenol	108	5.963	5.958	0.005	96	80800	1.50	
52 2,2'-oxybis[1-chloropropane]	45	5.990	5.984	0.006	87	122235	1.46	
191 3 & 4 Methylphenol	108	6.097	6.091	0.006	89	173364	3.07	
56 N-Nitrosodi-n-propylamine	70	6.102	6.102	0.0	71	65621	1.64	
60 Hexachloroethane	117	6.204	6.204	0.0	88	32664	1.26	
61 Nitrobenzene	77	6.257	6.257	0.0	85	90785	1.49	
63 Isophorone	82	6.460	6.466	-0.006	96	175213	1.64	
65 2-Nitrophenol	139	6.535	6.535	0.0	95	45958	1.61	
64 2,4-Dimethylphenol	107	6.562	6.562	0.0	87	89109	1.59	
69 Benzoic acid	122		6.632					
68 Bis(2-chloroethoxy)methane	93	6.642	6.642	0.0	96	99291	1.47	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.744	6.739	0.005	92	70550	1.59	
72 1,2,4-Trichlorobenzene	180	6.819	6.819	0.0	47	76987	1.45	
73 Naphthalene	128	6.888	6.888	0.0	83	245829	1.47	
74 4-Chloroaniline	127	6.926	6.926	0.0	80	53085	0.7454	
77 Hexachlorobutadiene	225	6.990	6.990	0.0	91	39859	1.39	
84 4-Chloro-3-methylphenol	107	7.327	7.327	0.0	96	77202	1.62	
85 2-Methylnaphthalene	142	7.477	7.477	0.0	90	176111	1.65	
88 Hexachlorocyclopentadiene	237	7.610	7.610	0.0	85	9700	0.3039	
90 2,4,6-Trichlorophenol	196	7.712	7.712	0.0	85	54675	1.65	
91 2,4,5-Trichlorophenol	196	7.744	7.744	0.0	93	55534	1.55	
98 2-Chloronaphthalene	162	7.894	7.894	0.0	90	166236	1.53	
100 2-Nitroaniline	65	7.969	7.969	0.0	70	51826	1.62	
103 Dimethyl phthalate	163	8.113	8.113	0.0	98	190389	1.65	
105 2,6-Dinitrotoluene	165	8.167	8.172	-0.005	80	39946	1.84	
107 Acenaphthylene	152	8.247	8.247	0.0	92	283150	1.58	
108 3-Nitroaniline	138	8.316	8.316	0.0	92	34143	1.18	
110 Acenaphthene	153	8.391	8.391	0.0	94	168680	1.56	
109 2,4-Dinitrophenol	184		8.402					9
111 4-Nitrophenol	109	8.439	8.440	-0.001	92	23921	1.43	
112 2,4-Dinitrotoluene	165	8.509	8.509	0.0	92	52160	1.77	
114 Dibenzofuran	168	8.536	8.536	0.0	81	255471	1.59	
119 Diethyl phthalate	149	8.701	8.702	-0.001	99	200213	1.66	
121 4-Chlorophenyl phenyl ether	204	8.814	8.814	0.0	91	98248	1.61	
124 Fluorene	166	8.824	8.825	-0.001	95	210233	1.63	
123 4-Nitroaniline	138	8.824	8.830	-0.006	52	37932	1.44	
126 4,6-Dinitro-2-methylphenol	198	8.851	8.851	0.0	1	9208	1.05	
130 N-Nitrosodiphenylamine	169	8.910	8.910	0.0	0	156892	1.65	
137 4-Bromophenyl phenyl ether	248	9.226	9.226	0.0	62	56452	1.61	
139 Hexachlorobenzene	284	9.284	9.290	-0.006	85	57327	1.59	
141 Pentachlorophenol	266	9.450	9.450	0.0	85	29011	1.56	
146 Phenanthrene	178	9.637	9.638	-0.001	95	315957	1.68	
147 Anthracene	178	9.680	9.680	0.0	97	294548	1.58	
149 Carbazole	167	9.809	9.809	0.0	80	283016	1.56	
151 Di-n-butyl phthalate	149	10.071	10.071	0.0	99	337426	1.66	
157 Fluoranthene	202	10.638	10.638	0.0	97	355283	1.71	
160 Pyrene	202	10.836	10.836	0.0	95	365460	1.62	
166 Butyl benzyl phthalate	149	11.408	11.408	0.0	95	150967	1.78	
173 3,3'-Dichlorobenzidine	252	12.023	12.018	0.005	51	49999	0.8275	
171 Bis(2-ethylhexyl) phthalate	149	12.044	12.044	0.0	96	210571	1.81	
175 Benzo[a]anthracene	228	12.066	12.066	0.0	95	317122	1.61	
176 Chrysene	228	12.109	12.109	0.0	91	326244	1.74	
178 Di-n-octyl phthalate	149	12.911	12.911	0.0	94	302826	1.68	
180 Benzo[b]fluoranthene	252	13.505	13.505	0.0	93	293749	1.48	
181 Benzo[k]fluoranthene	252	13.542	13.542	0.0	92	329005	1.53	
182 Benzo[a]pyrene	252	13.981	13.986	-0.005	74	275053	1.48	
186 Indeno[1,2,3-cd]pyrene	276	15.660	15.660	0.0	98	296170	1.42	
187 Dibenz(a,h)anthracene	278	15.687	15.692	-0.005	39	208017	1.25	
188 Benzo[g,h,i]perylene	276	16.067	16.067	0.0	92	259539	1.46	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

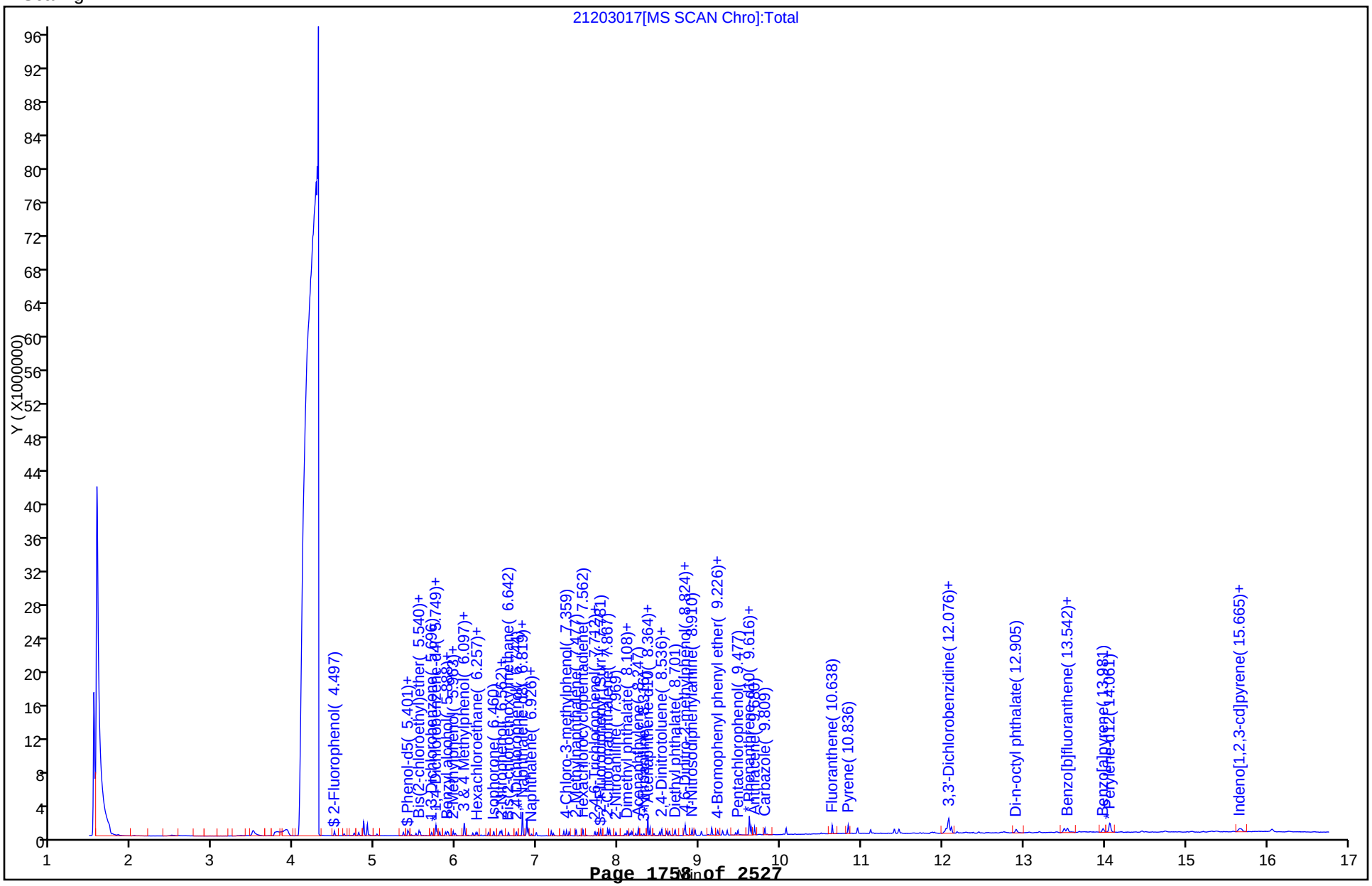
Report Date: 04-Dec-2012 11:18:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121203-15460.b\21203017.D

Injection Date:	03-Dec-2012 17:34:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67052	Lims Sample ID:	17
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.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0016M-0001-SO MSD | Lab Sample ID: 240-17768-6 MSD

Matrix: Solid | Lab File ID: 21205008.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 11:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.25(g) | Date Analyzed: 12/05/2012 11:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	444	D	66	33	33
208-96-8	Acenaphthylene	427	D	66	33	33
120-12-7	Anthracene	418	D	66	33	33
56-55-3	Benzo[a]anthracene	428	D	66	33	33
50-32-8	Benzo[a]pyrene	471	D	66	33	33
205-99-2	Benzo[b]fluoranthene	436	D	66	33	33
191-24-2	Benzo[g,h,i]perylene	487	D	66	33	33
65-85-0	Benzoic acid	3300	U	6500	3300	3300
207-08-9	Benzo[k]fluoranthene	478	D	66	33	33
100-51-6	Benzyl alcohol	435	J D	3300	270	210
111-91-1	Bis(2-chloroethoxy)methane	388	J D	990	270	220
111-44-4	Bis(2-chloroethyl)ether	428	J D	990	33	20
108-60-1	bis (2-chloroisopropyl) ether	403	J D	990	270	94
117-81-7	Bis(2-ethylhexyl) phthalate	506	D	500	270	190
101-55-3	4-Bromophenyl phenyl ether	451	J D	500	270	130
85-68-7	Butyl benzyl phthalate	469	J D	500	270	99
86-74-8	Carbazole	447	J D	500	270	270
106-47-8	4-Chloroaniline	270	U J	1500	270	170
59-50-7	4-Chloro-3-methylphenol	407	J D	1500	270	210
91-58-7	2-Chloronaphthalene	412	J D	500	33	33
95-57-8	2-Chlorophenol	430	J D	500	270	270
7005-72-3	4-Chlorophenyl phenyl ether	460	J D	500	270	130
218-01-9	Chrysene	468	D	66	33	11
53-70-3	Dibenz(a,h)anthracene	505	D J	66	33	33
132-64-9	Dibenzofuran	433	J D	500	33	33
95-50-1	1,2-Dichlorobenzene	404	J D	500	270	96
541-73-1	1,3-Dichlorobenzene	345	J D	500	270	110
106-46-7	1,4-Dichlorobenzene	384	J D	500	270	200
91-94-1	3,3'-Dichlorobenzidine	286	D J	990	790	180
120-83-2	2,4-Dichlorophenol	468	J D	1500	270	200
84-66-2	Diethyl phthalate	426	J D	500	270	160
105-67-9	2,4-Dimethylphenol	216	J D	1500	790	200
131-11-3	Dimethyl phthalate	460	J D	500	270	170
84-74-2	Di-n-butyl phthalate	436	J D	500	270	150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0016M-0001-SO MSD | Lab Sample ID: 240-17768-6 MSD

Matrix: Solid | Lab File ID: 21205008.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 11:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.25(g) | Date Analyzed: 12/05/2012 11:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	790	U	1500	790	790
51-28-5	2,4-Dinitrophenol	790	U	3300	790	790
121-14-2	2,4-Dinitrotoluene	515	J D	2000	270	270
606-20-2	2,6-Dinitrotoluene	636	J D	2000	270	210
117-84-0	Di-n-octyl phthalate	547	D	500	270	270
206-44-0	Fluoranthene	459	D	66	33	33
86-73-7	Fluorene	433	D	66	33	33
118-74-1	Hexachlorobenzene	450	D	66	33	21
87-68-3	Hexachlorobutadiene	410	J D	500	270	270
77-47-4	Hexachlorocyclopentadiene	270	U	3300	270	270
67-72-1	Hexachloroethane	315	J D	500	270	89
193-39-5	Indeno[1,2,3-cd]pyrene	487	D	66	33	33
78-59-1	Isophorone	452	J D	500	270	130
91-57-6	2-Methylnaphthalene	442	D	66	33	33
95-48-7	2-Methylphenol	790	U	2000	790	790
15831-10-4	3 & 4 Methylphenol	871	J D	4000	790	200
91-20-3	Naphthalene	452	D	66	33	33
88-74-4	2-Nitroaniline	348	J D	2000	270	90
99-09-2	3-Nitroaniline	209	J D	2000	790	160
100-01-6	4-Nitroaniline	407	D J	2000	270	260
98-95-3	Nitrobenzene	404	J D	990	33	22
88-75-5	2-Nitrophenol	371	J D	500	270	270
100-02-7	4-Nitrophenol	790	U	3300	790	790
621-64-7	N-Nitrosodi-n-propylamine	444	J D	500	270	270
86-30-6	N-Nitrosodiphenylamine	432	D J	500	270	210
87-86-5	Pentachlorophenol	790	U	1500	790	790
85-01-8	Phenanthrene	451	D	66	33	33
108-95-2	Phenol	463	J D	500	270	270
129-00-0	Pyrene	439	D	66	33	33
120-82-1	1,2,4-Trichlorobenzene	408	J D	500	270	270
95-95-4	2,4,5-Trichlorophenol	457	J D	1500	270	250
88-06-2	2,4,6-Trichlorophenol	790	U	1500	790	790

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0016M-0001-SO MSD | Lab Sample ID: 240-17768-6 MSD

Matrix: Solid | Lab File ID: 21205008.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 11:50

Extract. Method: 3540C | Date Extracted: 11/26/2012 09:35

Sample wt/vol: 30.25(g) | Date Analyzed: 12/05/2012 11:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67390 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	62		45-105
367-12-4	2-Fluorophenol (Surr)	68		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	57		35-100
4165-62-2	Phenol-d5 (Surr)	64		40-100
1718-51-0	Terphenyl-d14 (Surr)	68		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	64		35-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205008.D
Lims ID: 240-17768-H-6-D MSD Client ID:
Inject. Date: 05-Dec-2012 11:52:30 Dil. Factor: 10.0000
Sample Type: MSD
Sample ID: 240-0015541-008
Misc. Info.: 240-17768-h-6-d msd
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 67390 Lims Sample ID: 8
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\8270_hp7.m
Last Update: 06-Dec-2012 08:49:41 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: XAWRK028

First Level Reviewer: gruberj Date: 05-Dec-2012 15:45:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.735	5.730	0.005	96	180542	4.00	
* 2 Naphthalene-d8	136	6.859	6.859	0.0	99	687342	4.00	
* 3 Acenaphthene-d10	164	8.351	8.351	0.0	92	406914	4.00	
* 4 Phenanthrene-d10	188	9.602	9.602	0.0	98	687746	4.00	
* 5 Chrysene-d12	240	12.052	12.057	-0.005	94	695616	4.00	
* 6 Perylene-d12	264	14.031	14.036	-0.005	96	565108	4.00	
$ 7 2-Fluorophenol	112	4.484	4.430	0.054	88	56880	1.02	
$ 8 Phenol-d5	99	5.388	5.382	0.006	90	67518	0.9529	
$ 9 Nitrobenzene-d5	82	6.227	6.227	0.0	87	34649	0.5734	
$ 10 2-Fluorobiphenyl (Surr)	172	7.768	7.768	0.0	98	81426	0.6168	
$ 11 2,4,6-Tribromophenol	330	9.014	9.014	0.0	77	16270	0.9665	
$ 12 Terphenyl-d14	244	10.934	10.934	0.0	97	88227	0.6848	
41 Phenol	94	5.398	5.393	0.005	98	52851	0.6996	
44 Bis(2-chloroethyl)ether	93	5.489	5.484	0.005	95	37741	0.6468	
46 2-Chlorophenol	128	5.543	5.532	0.011	89	39704	0.6506	
47 1,3-Dichlorobenzene	146	5.682	5.677	0.005	95	34290	0.5213	
48 1,4-Dichlorobenzene	146	5.751	5.746	0.005	73	37962	0.5810	
49 Benzyl alcohol	108	5.853	5.853	0.0	91	24757	0.6583	
50 1,2-Dichlorobenzene	146	5.885	5.885	0.0	86	38103	0.6116	
51 2-Methylphenol	108	5.949	5.944	0.005	93	34139	0.6200	
52 2,2'-oxybis[1-chloropropane]	45	5.976	5.976	0.0	89	52158	0.6091	
191 3 & 4 Methylphenol	108	6.083	6.078	0.005	91	76080	1.32	
56 N-Nitrosodi-n-propylamine	70	6.088	6.088	0.0	81	27433	0.6710	
60 Hexachloroethane	117	6.190	6.190	0.0	86	12650	0.4763	
61 Nitrobenzene	77	6.244	6.243	0.001	86	38156	0.6109	
63 Isophorone	82	6.452	6.452	0.0	96	74942	0.6836	
65 2-Nitrophenol	139	6.522	6.522	0.0	92	16489	0.5610	
64 2,4-Dimethylphenol	107	6.548	6.548	0.0	82	18843	0.3261	
69 Benzoic acid	122		6.618					9
68 Bis(2-chloroethoxy)methane	93	6.634	6.634	0.0	97	40901	0.5874	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.730	6.730	0.0	89	32288	0.7071	
72 1,2,4-Trichlorobenzene	180	6.805	6.805	0.0	41	33571	0.6165	
73 Naphthalene	128	6.875	6.875	0.0	89	117490	0.6841	
74 4-Chloroaniline	127	6.917	6.912	0.005	78	16324	0.2230	
77 Hexachlorobutadiene	225	6.976	6.976	0.0	80	18298	0.6204	
84 4-Chloro-3-methylphenol	107	7.313	7.313	0.0	95	30169	0.6151	
85 2-Methylnaphthalene	142	7.463	7.468	-0.005	90	73381	0.6680	
88 Hexachlorocyclopentadiene	237	7.597	7.597	0.0	55	4398	0.1334	
90 2,4,6-Trichlorophenol	196	7.698	7.698	0.0	88	21857	0.6373	
91 2,4,5-Trichlorophenol	196	7.730	7.730	0.0	93	25533	0.6910	
98 2-Chloronaphthalene	162	7.880	7.880	0.0	89	69955	0.6226	
100 2-Nitroaniline	65	7.960	7.955	0.005	76	17383	0.5270	
103 Dimethyl phthalate	163	8.099	8.099	0.0	97	83116	0.6955	
105 2,6-Dinitrotoluene	165	8.158	8.158	0.0	76	15963	0.9614	
107 Acenaphthylene	152	8.233	8.233	0.0	88	119993	0.6465	
108 3-Nitroaniline	138	8.303	8.303	0.0	89	9472	0.3166	
110 Acenaphthene	153	8.378	8.378	0.0	90	74886	0.6709	
109 2,4-Dinitrophenol	184		8.388					9
111 4-Nitrophenol	109	8.426	8.426	0.0	91	7809	0.4532	
112 2,4-Dinitrotoluene	165	8.495	8.495	0.0	75	16439	0.7788	
114 Dibenzofuran	168	8.522	8.522	0.0	87	108558	0.6553	
119 Diethyl phthalate	149	8.688	8.688	0.0	97	80429	0.6438	
121 4-Chlorophenyl phenyl ether	204	8.800	8.800	0.0	89	43762	0.6953	
124 Fluorene	166	8.811	8.811	0.0	85	87089	0.6546	
123 4-Nitroaniline	138	8.811	8.816	-0.005	68	11310	0.6149	
126 4,6-Dinitro-2-methylphenol	198	8.838	8.838	0.0	19	4804	0.8641	
130 N-Nitrosodiphenylamine	169	8.896	8.896	0.0	0	61984	0.6535	
137 4-Bromophenyl phenyl ether	248	9.212	9.212	0.0	62	23925	0.6820	
139 Hexachlorobenzene	284	9.271	9.271	0.0	77	24599	0.6810	
141 Pentachlorophenol	266	9.437	9.431	0.006	76	9251	0.7552	
146 Phenanthrene	178	9.624	9.624	0.0	92	128269	0.6827	
147 Anthracene	178	9.667	9.667	0.0	97	117911	0.6316	
149 Carbazole	167	9.795	9.795	0.0	84	122660	0.6764	
151 Di-n-butyl phthalate	149	10.057	10.057	0.0	99	134411	0.6600	
157 Fluoranthene	202	10.624	10.624	0.0	96	144024	0.6941	
160 Pyrene	202	10.822	10.822	0.0	97	147276	0.6635	
166 Butyl benzyl phthalate	149	11.389	11.389	0.0	90	52353	0.7094	
173 3,3'-Dichlorobenzidine	252	11.993	11.999	-0.006	47	18364	0.4327	
171 Bis(2-ethylhexyl) phthalate	149	12.020	12.020	0.0	95	73442	0.7658	
175 Benzo[a]anthracene	228	12.041	12.041	0.0	92	125720	0.6476	
176 Chrysene	228	12.084	12.090	-0.006	89	130868	0.7073	
178 Di-n-octyl phthalate	149	12.881	12.881	0.0	96	101069	0.8279	
180 Benzo[b]fluoranthene	252	13.475	13.475	0.0	89	118992	0.6601	
181 Benzo[k]fluoranthene	252	13.512	13.518	-0.006	83	141688	0.7233	
182 Benzo[a]pyrene	252	13.951	13.951	0.0	65	109376	0.7126	
186 Indeno[1,2,3-cd]pyrene	276	15.625	15.630	-0.005	94	131764	0.7371	
187 Dibenz(a,h)anthracene	278	15.652	15.657	-0.005	79	104185	0.7632	
188 Benzo[g,h,i]perylene	276	16.026	16.031	-0.005	91	119190	0.7367	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

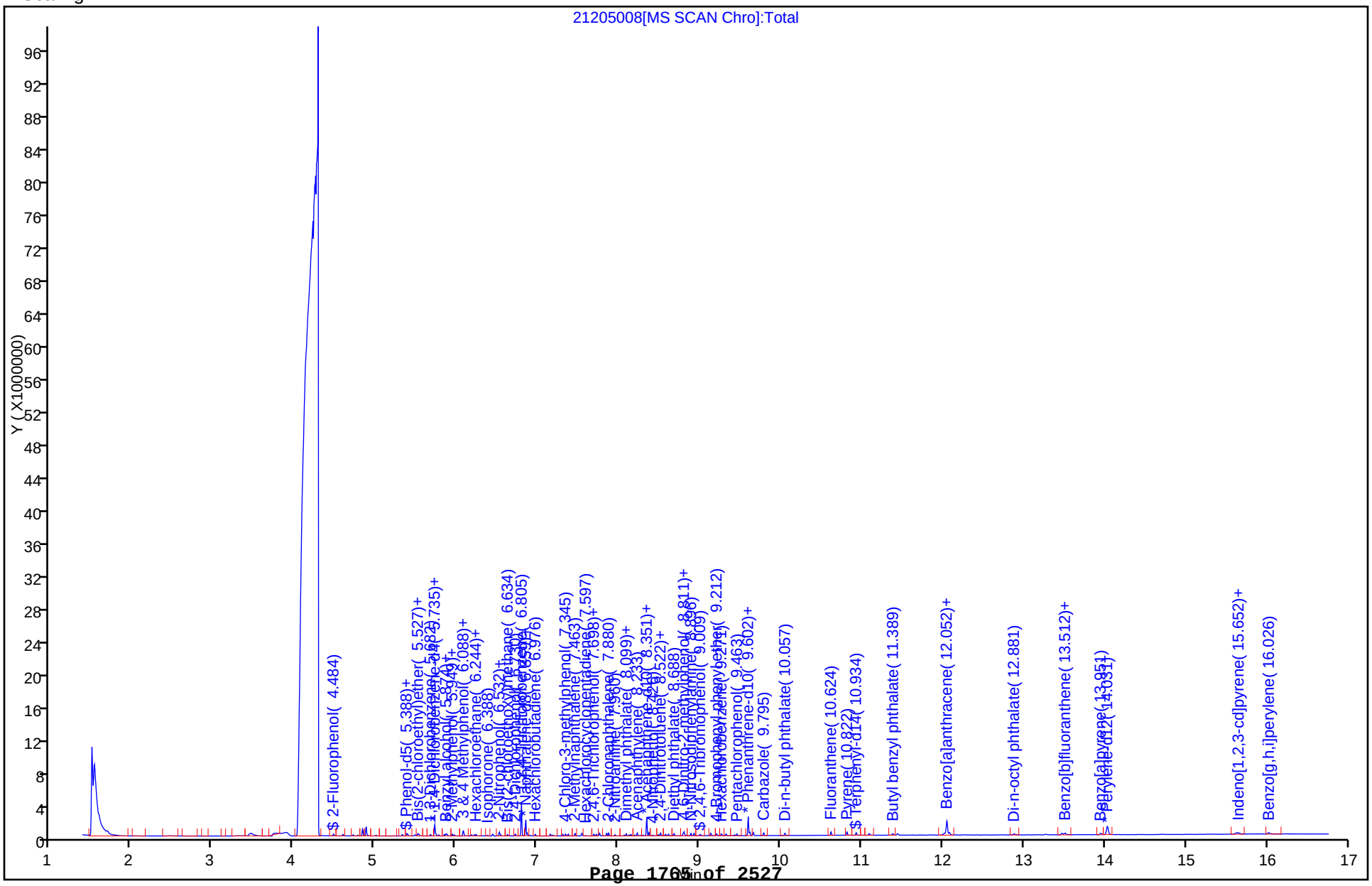
Report Date: 06-Dec-2012 08:50:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121205-15541.b\21205008.D

Injection Date:	05-Dec-2012 11:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	67390	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.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0036M-0001-SO MSD | Lab Sample ID: 240-17768-23 MSD

Matrix: Solid | Lab File ID: 21130008.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.30(g) | Date Analyzed: 11/30/2012 11:11

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	383	D	33	16	16
208-96-8	Acenaphthylene	362	D	33	16	16
120-12-7	Anthracene	426	D	33	16	16
56-55-3	Benzo[a]anthracene	424	D	33	16	16
50-32-8	Benzo[a]pyrene	366	D	33	16	16
205-99-2	Benzo[b]fluoranthene	382	D	33	16	16
191-24-2	Benzo[g,h,i]perylene	408	D	33	16	16
65-85-0	Benzoic acid	1600	U	3300	1600	1600
207-08-9	Benzo[k]fluoranthene	381	D	33	16	16
100-51-6	Benzyl alcohol	329	J D	1600	130	100
111-91-1	Bis(2-chloroethoxy)methane	328	J D	500	130	110
111-44-4	Bis(2-chloroethyl)ether	358	J D	500	16	9.9
108-60-1	bis (2-chloroisopropyl) ether	347	J D	500	130	47
117-81-7	Bis(2-ethylhexyl) phthalate	455	D	250	130	94
101-55-3	4-Bromophenyl phenyl ether	427	D	250	130	64
85-68-7	Butyl benzyl phthalate	439	D	250	130	50
86-74-8	Carbazole	415	D	250	130	130
106-47-8	4-Chloroaniline	130	U J	740	130	84
59-50-7	4-Chloro-3-methylphenol	396	J D	740	130	100
91-58-7	2-Chloronaphthalene	362	D	250	16	16
95-57-8	2-Chlorophenol	376	D	250	130	130
7005-72-3	4-Chlorophenyl phenyl ether	418	D	250	130	64
218-01-9	Chrysene	454	D	33	16	5.4
53-70-3	Dibenz(a,h)anthracene	376	D	33	16	16
132-64-9	Dibenzofuran	390	D	250	16	16
95-50-1	1,2-Dichlorobenzene	344	D	250	130	48
541-73-1	1,3-Dichlorobenzene	333	D	250	130	54
106-46-7	1,4-Dichlorobenzene	339	D	250	130	99
91-94-1	3,3'-Dichlorobenzidine	238	J D	500	400	89
120-83-2	2,4-Dichlorophenol	376	J D	740	130	99
84-66-2	Diethyl phthalate	429	D	250	130	79
105-67-9	2,4-Dimethylphenol	282	D J	740	400	99
131-11-3	Dimethyl phthalate	429	D	250	130	84
84-74-2	Di-n-butyl phthalate	430	D	250	130	74

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0036M-0001-SO MSD | Lab Sample ID: 240-17768-23 MSD

Matrix: Solid | Lab File ID: 21130008.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.30(g) | Date Analyzed: 11/30/2012 11:11

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	474	J D	740	400	400
51-28-5	2,4-Dinitrophenol	803	J D	1600	400	400
121-14-2	2,4-Dinitrotoluene	490	J D	990	130	130
606-20-2	2,6-Dinitrotoluene	538	J D	990	130	100
117-84-0	Di-n-octyl phthalate	410	D	250	130	130
206-44-0	Fluoranthene	452	D	33	16	16
86-73-7	Fluorene	417	D	33	16	16
118-74-1	Hexachlorobenzene	425	D	33	16	10
87-68-3	Hexachlorobutadiene	342	D	250	130	130
77-47-4	Hexachlorocyclopentadiene	270	J D	1600	130	130
67-72-1	Hexachloroethane	337	D	250	130	45
193-39-5	Indeno[1,2,3-cd]pyrene	384	D	33	16	16
78-59-1	Isophorone	371	D	250	130	64
91-57-6	2-Methylnaphthalene	366	D	33	16	16
95-48-7	2-Methylphenol	400	U J	990	400	400
15831-10-4	3 & 4 Methylphenol	736	J D	2000	400	99
91-20-3	Naphthalene	363	D	33	16	16
88-74-4	2-Nitroaniline	398	D J	990	130	45
99-09-2	3-Nitroaniline	336	D J	990	400	79
100-01-6	4-Nitroaniline	437	J D	990	130	130
98-95-3	Nitrobenzene	360	J D	500	16	11
88-75-5	2-Nitrophenol	367	D	250	130	130
100-02-7	4-Nitrophenol	400	U J	1600	400	400
621-64-7	N-Nitrosodi-n-propylamine	375	D J	250	130	130
86-30-6	N-Nitrosodiphenylamine	422	D	250	130	100
87-86-5	Pentachlorophenol	469	J D	740	400	400
85-01-8	Phenanthrene	421	D	33	16	16
108-95-2	Phenol	366	D	250	130	130
129-00-0	Pyrene	409	D	33	16	16
120-82-1	1,2,4-Trichlorobenzene	345	D	250	130	130
95-95-4	2,4,5-Trichlorophenol	418	J D	740	130	120
88-06-2	2,4,6-Trichlorophenol	414	J D	740	400	400

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0036M-0001-SO MSD | Lab Sample ID: 240-17768-23 MSD

Matrix: Solid | Lab File ID: 21130008.D

Analysis Method: 8270C/DoD | Date Collected: 11/14/2012 17:45

Extract. Method: 3540C | Date Extracted: 11/27/2012 09:22

Sample wt/vol: 30.30(g) | Date Analyzed: 11/30/2012 11:11

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66878 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	51		45-105
367-12-4	2-Fluorophenol (Surr)	53		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	52		35-100
4165-62-2	Phenol-d5 (Surr)	57		40-100
1718-51-0	Terphenyl-d14 (Surr)	67		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	64		35-125

Report Date: 03-Dec-2012 10:35:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130008.D
Lims ID: 240-17768-E-23-F MSD Client ID:
Inject. Date: 30-Nov-2012 11:11:30 Dil. Factor: 5.0000
Sample Type: MSD
Sample ID: 240-0015418-008
Misc. Info.: 240-17768-e-23-f msd
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 66878 Lims Sample ID: 8
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\8270_hp7.m
Last Update: 03-Dec-2012 10:35:45 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: XAWRK014

First Level Reviewer: gruberj Date: 30-Nov-2012 13:38:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.778	5.778	0.0	95	136581	4.00	
* 2 Naphthalene-d8	136	6.901	6.901	0.0	99	538698	4.00	
* 3 Acenaphthene-d10	164	8.399	8.399	0.0	92	311970	4.00	
* 4 Phenanthrene-d10	188	9.650	9.650	0.0	98	538212	4.00	
* 5 Chrysene-d12	240	12.127	12.132	-0.005	93	552541	4.00	
* 6 Perylene-d12	264	14.132	14.132	0.0	95	488206	4.00	
$ 7 2-Fluorophenol	112	4.515	4.494	0.021	91	66642	1.58	
$ 8 Phenol-d5	99	5.430	5.425	0.005	96	90898	1.70	
$ 9 Nitrobenzene-d5	82	6.270	6.270	0.0	86	49566	1.05	
$ 10 2-Fluorobiphenyl (Surr)	172	7.816	7.816	0.0	95	103956	1.03	
$ 11 2,4,6-Tribromophenol	330	9.062	9.062	0.0	90	24721	1.92	
$ 12 Terphenyl-d14	244	10.987	10.987	0.0	98	137933	1.35	
41 Phenol	94	5.446	5.441	0.005	99	63410	1.11	
44 Bis(2-chloroethyl)ether	93	5.532	5.532	0.0	92	47854	1.08	
46 2-Chlorophenol	128	5.585	5.585	0.0	94	52610	1.14	
47 1,3-Dichlorobenzene	146	5.730	5.724	0.006	97	50138	1.01	
48 1,4-Dichlorobenzene	146	5.794	5.794	0.0	91	50722	1.03	
49 Benzyl alcohol	108	5.901	5.895	0.006	85	28337	1.00	
50 1,2-Dichlorobenzene	146	5.933	5.933	0.0	91	49101	1.04	
51 2-Methylphenol	108	5.992	5.992	0.0	94	45380	1.09	
52 2,2'-oxybis[1-chloropropane]	45	6.018	6.019	0.0	92	68132	1.05	
191 3 & 4 Methylphenol	108	6.125	6.125	0.0	93	97379	2.23	
56 N-Nitrosodi-n-propylamine	70	6.131	6.131	0.0	84	35171	1.14	
60 Hexachloroethane	117	6.238	6.238	0.0	90	20518	1.02	
61 Nitrobenzene	77	6.291	6.291	0.0	84	53427	1.09	
63 Isophorone	82	6.494	6.495	-0.001	98	96700	1.13	
65 2-Nitrophenol	139	6.569	6.569	0.0	94	25609	1.11	
64 2,4-Dimethylphenol	107	6.591	6.591	0.0	89	38661	0.8538	
69 Benzoic acid	122		6.660					
68 Bis(2-chloroethoxy)methane	93	6.676	6.676	0.0	96	54315	1.00	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.773	6.773	0.0	95	40734	1.14	
72 1,2,4-Trichlorobenzene	180	6.853	6.848	0.005	69	44624	1.05	
73 Naphthalene	128	6.922	6.922	0.0	97	147948	1.10	
74 4-Chloroaniline	127	6.960	6.960	0.0	78	14133	0.2463	
77 Hexachlorobutadiene	225	7.019	7.019	0.0	90	23934	1.04	
84 4-Chloro-3-methylphenol	107	7.361	7.361	0.0	96	46162	1.20	
85 2-Methylnaphthalene	142	7.511	7.511	0.0	90	95565	1.11	
88 Hexachlorocyclopentadiene	237	7.639	7.639	0.0	87	20708	0.8191	
90 2,4,6-Trichlorophenol	196	7.746	7.746	0.0	84	32981	1.25	
91 2,4,5-Trichlorophenol	196	7.773	7.778	-0.005	94	35903	1.27	
98 2-Chloronaphthalene	162	7.928	7.928	0.0	89	94363	1.10	
100 2-Nitroaniline	65	8.003	8.003	0.0	74	30478	1.21	
103 Dimethyl phthalate	163	8.142	8.147	-0.005	98	119057	1.30	
105 2,6-Dinitrotoluene	165	8.201	8.201	0.0	71	26912	1.63	
107 Acenaphthylene	152	8.281	8.281	0.0	91	155879	1.10	
108 3-Nitroaniline	138	8.350	8.351	-0.001	93	23325	1.02	
110 Acenaphthene	153	8.425	8.425	0.0	94	99275	1.16	
109 2,4-Dinitrophenol	184	8.436	8.436	0.0	1	2499	2.43	
111 4-Nitrophenol	109	8.473	8.468	0.005	90	14778	1.12	
112 2,4-Dinitrotoluene	165	8.543	8.543	0.0	87	33064	1.48	
114 Dibenzofuran	168	8.570	8.570	0.0	87	150186	1.18	
119 Diethyl phthalate	149	8.730	8.736	-0.006	95	124401	1.30	
121 4-Chlorophenyl phenyl ether	204	8.848	8.848	0.0	88	61057	1.27	
124 Fluorene	166	8.859	8.859	0.0	92	128715	1.26	
123 4-Nitroaniline	138	8.859	8.864	-0.005	55	27096	1.32	
126 4,6-Dinitro-2-methylphenol	198	8.885	8.885	0.0	70	14399	1.44	
130 N-Nitrosodiphenylamine	169	8.944	8.944	0.0	0	95012	1.28	
137 4-Bromophenyl phenyl ether	248	9.260	9.260	0.0	64	35479	1.29	
139 Hexachlorobenzene	284	9.324	9.324	0.0	85	36417	1.29	
141 Pentachlorophenol	266	9.484	9.484	0.0	81	19949	1.42	
146 Phenanthrene	178	9.672	9.672	0.0	94	187623	1.28	
147 Anthracene	178	9.714	9.714	0.0	98	188707	1.29	
149 Carbazole	167	9.843	9.843	0.0	86	178545	1.26	
151 Di-n-butyl phthalate	149	10.105	10.105	0.0	100	207638	1.30	
157 Fluoranthene	202	10.677	10.677	0.0	96	222617	1.37	
160 Pyrene	202	10.875	10.875	0.0	98	218290	1.24	
166 Butyl benzyl phthalate	149	11.447	11.447	0.0	97	85748	1.33	
173 3,3'-Dichlorobenzidine	252	12.073	12.068	0.005	56	32510	0.7208	
171 Bis(2-ethylhexyl) phthalate	149	12.089	12.089	0.0	96	120949	1.38	
175 Benzo[a]anthracene	228	12.116	12.116	0.0	96	198017	1.28	
176 Chrysene	228	12.159	12.164	-0.005	92	202152	1.38	
178 Di-n-octyl phthalate	149	12.966	12.961	0.005	97	159985	1.24	
180 Benzo[b]fluoranthene	252	13.565	13.565	0.0	96	180198	1.16	
181 Benzo[k]fluoranthene	252	13.608	13.608	0.0	95	195423	1.15	
182 Benzo[a]pyrene	252	14.047	14.052	-0.005	76	157348	1.11	
186 Indeno[1,2,3-cd]pyrene	276	15.742	15.742	0.0	95	188207	1.16	
187 Dibenz(a,h)anthracene	278	15.774	15.769	0.005	36	147136	1.14	
188 Benzo[g,h,i]perylene	276	16.154	16.154	0.0	90	172793	1.24	

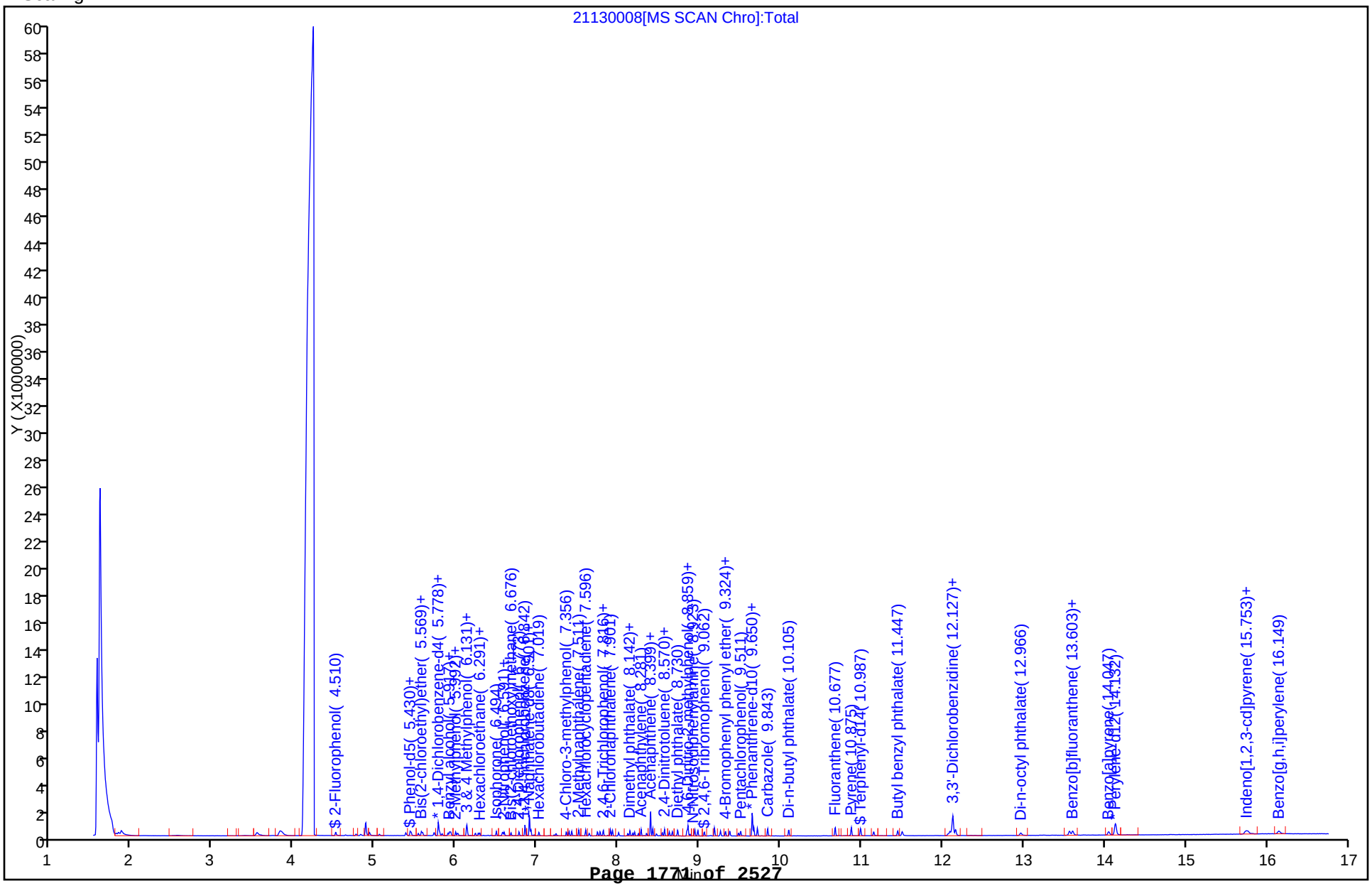
Report Date: 03-Dec-2012 10:35:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121130-15418.b\21130008.D

Injection Date:	30-Nov-2012 11:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66878	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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.: 240-17768-1

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.: 240-17768-1

SDG No.:

Instrument ID: A4HP7 Start Date: 11/30/2012 08:29

Analysis Batch Number: 66878 End Date: 11/30/2012 17:01

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-66878/1		11/30/2012 08:29	1	21130001.D	RXI-5SILMS 0.45(mm)
CCV 240-66878/2		11/30/2012 08:51	1	21130002.D	RXI-5SILMS 0.45(mm)
MRL 240-66878/3		11/30/2012 09:14	1	21130003.D	RXI-5SILMS 0.45(mm)
MB 240-66397/18-A		11/30/2012 09:37	1	21130004.D	RXI-5SILMS 0.45(mm)
LCS 240-66397/19-A		11/30/2012 10:01	1	21130005.D	RXI-5SILMS 0.45(mm)
240-17768-23	076SB-0036M-0001-SO	11/30/2012 10:24	5	21130006.D	RXI-5SILMS 0.45(mm)
240-17768-23 MS	076SB-0036M-0001-SO MS	11/30/2012 10:47	5	21130007.D	RXI-5SILMS 0.45(mm)
240-17768-23 MSD	076SB-0036M-0001-SO MSD	11/30/2012 11:11	5	21130008.D	RXI-5SILMS 0.45(mm)
240-17768-7	70SB-0017M-0001-SO	11/30/2012 11:34	5	21130009.D	RXI-5SILMS 0.45(mm)
240-17768-12	076SB-0040M-0001-SO	11/30/2012 11:57	5	21130010.D	RXI-5SILMS 0.45(mm)
240-17768-17	076SB-0030M-0001-SO	11/30/2012 12:21	5	21130011.D	RXI-5SILMS 0.45(mm)
240-17768-18	076SB-0031M-0001-SO	11/30/2012 12:44	5	21130012.D	RXI-5SILMS 0.45(mm)
240-17768-22	076SB-0035M-0001-SO	11/30/2012 13:07	5	21130013.D	RXI-5SILMS 0.45(mm)
240-17768-15	076SB-0043M-0001-SO	11/30/2012 13:31	5	21130014.D	RXI-5SILMS 0.45(mm)
240-17768-21	076SB-0034M-0001-SO	11/30/2012 13:54	5	21130015.D	RXI-5SILMS 0.45(mm)
240-17768-20	076SB-0033M-0001-SO	11/30/2012 14:17	1	21130016.D	RXI-5SILMS 0.45(mm)
240-17768-10	076SB-0038M-0001-SO	11/30/2012 14:41	1	21130017.D	RXI-5SILMS 0.45(mm)
240-17768-19	076SB-0032M-0001-SO	11/30/2012 15:04	1	21130018.D	RXI-5SILMS 0.45(mm)
240-17768-13	076SB-0041M-0001-SO	11/30/2012 15:28	1	21130019.D	RXI-5SILMS 0.45(mm)
240-17768-9	076SB-0037M-0001-SO	11/30/2012 15:51	1	21130020.D	RXI-5SILMS 0.45(mm)
240-17768-11	076SB-0039M-0001-SO	11/30/2012 16:14	1	21130021.D	RXI-5SILMS 0.45(mm)
240-17768-14	076SB-0042M-0001-SO	11/30/2012 16:38	1	21130022.D	RXI-5SILMS 0.45(mm)
MRL 240-66878/23		11/30/2012 17:01	1	21130023.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: A4HP7 Start Date: 12/03/2012 10:29

Analysis Batch Number: 67052 End Date: 12/03/2012 21:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-67052/1		12/03/2012 10:29	1	21203001.D	RXI-5SILMS 0.45(mm)
CCV 240-67052/2		12/03/2012 10:52	1	21203002.D	RXI-5SILMS 0.45(mm)
MRL 240-67052/3		12/03/2012 11:16	1	21203003.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 11:39	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 12:03	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 13:14	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 13:37	1		RXI-5SILMS 0.45(mm)
LCS 240-66237/13-A		12/03/2012 14:25	1	21203011.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 15:12	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 16:23	1		RXI-5SILMS 0.45(mm)
240-17768-1	70SB-0011M-0001-SO	12/03/2012 16:47	4	21203015.D	RXI-5SILMS 0.45(mm)
240-17768-1 MS	70SB-0011M-0001-SO MS	12/03/2012 17:10	4	21203016.D	RXI-5SILMS 0.45(mm)
240-17768-1 MSD	70SB-0011M-0001-SO MSD	12/03/2012 17:34	4	21203017.D	RXI-5SILMS 0.45(mm)
MRL 240-67052/18		12/03/2012 17:58	1	21203018.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		12/03/2012 18:21	1	21203019.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		12/03/2012 18:45	1	21203020.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		12/03/2012 19:09	1	21203021.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 19:56	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 20:19	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 20:43	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 21:07	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: A4HP7 Start Date: 12/04/2012 08:58

Analysis Batch Number: 67225 End Date: 12/04/2012 20:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-67225/1		12/04/2012 08:58	1	21204001.D	RXI-5SILMS 0.45(mm)
CCV 240-67225/2		12/04/2012 09:21	1	21204002.D	RXI-5SILMS 0.45(mm)
MRL 240-67225/3		12/04/2012 09:45	1	21204003.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 10:08	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 10:32	1		RXI-5SILMS 0.45(mm)
MB 240-66237/12-A		12/04/2012 10:56	1	21204006.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 11:19	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 11:43	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 12:07	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 12:30	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 12:54	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 13:18	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 13:42	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 14:05	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 14:29	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 14:53	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 15:16	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 15:40	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 16:04	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 16:28	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 16:51	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 17:15	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 17:39	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/04/2012 18:02	1		RXI-5SILMS 0.45(mm)
MRL 240-67225/25		12/04/2012 18:26	1	21204025.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		12/04/2012 18:49	1		RXI-5SILMS 0.45(mm)
mdll2 LODV		12/04/2012 19:13	1		RXI-5SILMS 0.45(mm)
mdll3 LODV		12/04/2012 19:36	1		RXI-5SILMS 0.45(mm)
mdll4 LODV		12/04/2012 20:00	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: A4HP7 Start Date: 12/05/2012 09:10

Analysis Batch Number: 67390 End Date: 12/05/2012 20:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-67390/1		12/05/2012 09:10	1	21205001.D	RXI-5SILMS 0.45(mm)
CCV 240-67390/2		12/05/2012 09:33	1	21205002.D	RXI-5SILMS 0.45(mm)
MRL 240-67390/3		12/05/2012 09:56	1	21205003.D	RXI-5SILMS 0.45(mm)
MB 240-66227/23-A		12/05/2012 10:19	1	21205004.D	RXI-5SILMS 0.45(mm)
LCS 240-66227/24-A		12/05/2012 10:43	1	21205005.D	RXI-5SILMS 0.45(mm)
240-17768-6	70SB-0016M-0001-SO	12/05/2012 11:06	10	21205006.D	RXI-5SILMS 0.45(mm)
240-17768-6 MS	70SB-0016M-0001-SO MS	12/05/2012 11:29	10	21205007.D	RXI-5SILMS 0.45(mm)
240-17768-6 MSD	70SB-0016M-0001-SO MSD	12/05/2012 11:52	10	21205008.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/05/2012 12:16	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/05/2012 12:39	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/05/2012 13:02	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/05/2012 13:25	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/05/2012 13:48	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/05/2012 14:12	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/05/2012 14:35	5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/05/2012 14:58	5		RXI-5SILMS 0.45(mm)
240-17768-4	70SB-0014M-0001-SO	12/05/2012 15:21	20	21205017.D	RXI-5SILMS 0.45(mm)
240-17768-2	70SB-0012M-0001-SO	12/05/2012 15:44	20	21205018.D	RXI-5SILMS 0.45(mm)
240-17768-3	70SB-0013M-0001-SO	12/05/2012 16:08	5	21205019.D	RXI-5SILMS 0.45(mm)
240-17768-5	70SB-0015M-0001-SO	12/05/2012 16:31	5	21205020.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/05/2012 16:54	2.5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/05/2012 17:17	2.5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/05/2012 17:41	2.5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/05/2012 18:04	2.5		RXI-5SILMS 0.45(mm)
ZZZZZ		12/05/2012 18:27	2.5		RXI-5SILMS 0.45(mm)
MRL 240-67390/26		12/05/2012 18:50	1	21205026.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		12/05/2012 19:14	1	21205027.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		12/05/2012 19:37	1	21205028.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		12/05/2012 20:00	1	21205029.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Batch Number: 66227 Batch Start Date: 11/26/12 14:15 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 11/27/12 06:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00030	EXBNASURRW 00020	EXRESTEKSPKW 00016	
240-17768-H-2-A	70SB-0012M-0001-SO	3540C, 8270C/DoD	T	30.03 g	2 mL		1 mL		
240-17768-H-3-A	70SB-0013M-0001-SO	3540C, 8270C/DoD	T	29.60 g	2 mL		1 mL		
240-17768-H-4-A	70SB-0014M-0001-SO	3540C, 8270C/DoD	T	30.26 g	2 mL		1 mL		
240-17768-H-5-A	70SB-0015M-0001-SO	3540C, 8270C/DoD	T	29.80 g	2 mL		1 mL		
240-17768-H-6-A	70SB-0016M-0001-SO	3540C, 8270C/DoD	T	29.99 g	2 mL		1 mL		
240-17768-H-6-A MS	70SB-0016M-0001-SO	3540C, 8270C/DoD	T	29.86 g	2 mL	1 mL	1 mL	1 mL	
240-17768-H-6-A MSD	70SB-0016M-0001-SO	3540C, 8270C/DoD	T	30.25 g	2 mL	1 mL	1 mL	1 mL	
MB 240-66227/23		3540C, 8270C/DoD		30.00 g	2 mL		1 mL		
LCS 240-66227/24		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 #	719012

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Batch Number: 66237 Batch Start Date: 11/26/12 14:15 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 11/27/12 06:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00030	EXBNASURRW 00020	EXRESTEKSPKW 00016	
240-17768-H-1-A	70SB-0011M-0001-SO	3540C, 8270C/DoD	T	29.97 g	2 mL		1 mL		
240-17768-H-1-A MS	70SB-0011M-0001-SO	3540C, 8270C/DoD	T	30.46 g	2 mL	1 mL	1 mL	1 mL	
240-17768-H-1-A MSD	70SB-0011M-0001-SO	3540C, 8270C/DoD	T	29.83 g	2 mL	1 mL	1 mL	1 mL	
MB 240-66237/12		3540C, 8270C/DoD		30.00 g	2 mL		1 mL		
LCS 240-66237/13		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 #	719012

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Batch Number: 66397 Batch Start Date: 11/27/12 13:15 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 11/28/12 05:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00030	EXBNASURRW 00020	EXRESTEKSPKW 00016	
240-17768-H-7-A	70SB-0017M-0001-SO	3540C, 8270C/DoD	T	30.08 g	2 mL		1 mL		
240-17768-E-9-A	076SB-0037M-0001-SO	3540C, 8270C/DoD	T	29.66 g	2 mL		1 mL		
240-17768-E-10-A	076SB-0038M-0001-SO	3540C, 8270C/DoD	T	29.61 g	2 mL		1 mL		
240-17768-E-11-A	076SB-0039M-0001-SO	3540C, 8270C/DoD	T	29.87 g	2 mL		1 mL		
240-17768-E-12-A	076SB-0040M-0001-SO	3540C, 8270C/DoD	T	29.90 g	2 mL		1 mL		
240-17768-E-13-A	076SB-0041M-0001-SO	3540C, 8270C/DoD	T	30.19 g	2 mL		1 mL		
240-17768-E-14-A	076SB-0042M-0001-SO	3540C, 8270C/DoD	T	29.71 g	2 mL		1 mL		
240-17768-E-15-A	076SB-0043M-0001-SO	3540C, 8270C/DoD	T	30.17 g	2 mL		1 mL		
240-17768-E-17-A	076SB-0030M-0001-SO	3540C, 8270C/DoD	T	30.06 g	2 mL		1 mL		
240-17768-E-18-A	076SB-0031M-0001-SO	3540C, 8270C/DoD	T	30.27 g	2 mL		1 mL		
240-17768-E-19-A	076SB-0032M-0001-SO	3540C, 8270C/DoD	T	29.79 g	2 mL		1 mL		
240-17768-E-20-A	076SB-0033M-0001-SO	3540C, 8270C/DoD	T	29.59 g	2 mL		1 mL		
240-17768-E-21-A	076SB-0034M-0001-SO	3540C, 8270C/DoD	T	30.00 g	2 mL		1 mL		
240-17768-E-22-A	076SB-0035M-0001-SO	3540C, 8270C/DoD	T	29.82 g	2 mL		1 mL		
240-17768-E-23-A	076SB-0036M-0001-SO	3540C, 8270C/DoD	T	30.03 g	2 mL		1 mL		
240-17768-E-23-A MS	076SB-0036M-0001-SO	3540C, 8270C/DoD	T	29.86 g	2 mL	1 mL	1 mL	1 mL	
240-17768-E-23-A MSD	076SB-0036M-0001-SO	3540C, 8270C/DoD	T	30.30 g	2 mL	1 mL	1 mL	1 mL	
MB 240-66397/18		3540C, 8270C/DoD		30.00 g	2 mL		1 mL		
LCS 240-66397/19		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 #	719012

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Batch Number: 66397 Batch Start Date: 11/27/12 13:15 Batch Analyst: Cerne, Amanda

Batch Method: 3540C Batch End Date: 11/28/12 05:15

Basis	Basis Description
T	Total/NA

Method 8015B - GRO

Gasoline Range Organics (GC) by Method 8015B

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
70SB-0011M-0001-SO	240-17768-1	80
70SB-0013M-0001-SO	240-17768-3	68
70SB-0015M-0001-SO	240-17768-5	73
70SB-0016M-0001-SO	240-17768-6	77
70SB-0017M-0001-SO	240-17768-7	72
	MB 240-66387/38	76
	LCS 240-66387/39	88
	MRL 240-66387/30	77

	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
	MRL 240-66387/61	74

	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1	#
70SB-0012M-0001-SO	240-17768-2	76	M
70SB-0014M-0001-SO	240-17768-4	100	M
	MB 240-66321/1-A	77	
	LCS 240-66321/2-A	92	

	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.: 240-17768-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
70SB-0018-0001-TB	240-17768-8	79
	MB 240-66387/45	79
	LCS 240-66387/46	87

	QC LIMITS
TFT = Trifluorotoluene (Surr)	10-150

Column to be used to flag recovery values

FORM II 8015B

FORM III
GASOLINE RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: YF112721.D

Lab ID: LCS 240-66321/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
C6-C12	40000	43400	109	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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF112739.D

Lab ID: LCS 240-66387/39 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
C6-C12	800	825	103	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.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: YF112746.D

Lab ID: LCS 240-66387/46 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
C6-C12	800	885	111	72-140	

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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: YF112719.D

Lab ID: MRL 240-66387/19 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	111	111		

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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF112730.D

Lab ID: MRL 240-66387/30 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	114	114		

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.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF112761.D

Lab ID: MRL 240-66387/61 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	102	102	70-130	

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.: 240-17768-1

SDG No.:

Lab Sample ID: MB 240-66387/38

Matrix: Solid Date Extracted:

Lab File ID:(1) YF112738.D Lab File ID:(2)

Date Analyzed:(1) 11/28/2012 09:18 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 240-66387/39	11/28/2012 09:58	
70SB-0013M-0001-SO	240-17768-3	11/28/2012 11:25	
70SB-0015M-0001-SO	240-17768-5	11/28/2012 12:04	
70SB-0016M-0001-SO	240-17768-6	11/28/2012 12:43	
70SB-0017M-0001-SO	240-17768-7	11/28/2012 13:22	
70SB-0011M-0001-SO	240-17768-1	11/28/2012 22:59	

FORM IV
GASOLINE RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: MB 240-66321/1-A

Matrix: Solid Date Extracted: 11/26/2012 14:21

Lab File ID:(1) YF112720.D Lab File ID:(2)

Date Analyzed:(1) 11/27/2012 21:43 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 240-66321/2-A	11/27/2012 22:23	
70SB-0012M-0001-SO	240-17768-2	11/27/2012 23:40	
70SB-0014M-0001-SO	240-17768-4	11/28/2012 00:57	

FORM IV
GASOLINE RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: MB 240-66387/45

Matrix: Water Date Extracted: 11/28/2012 14:00

Lab File ID:(1) YF112745.D Lab File ID:(2)

Date Analyzed:(1) 11/28/2012 14:00 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 240-66387/46	11/28/2012 14:38	
70SB-0018-0001-TB	240-17768-8	11/28/2012 15:18	

FORM VIII
GASOLINE RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Sample No.: CCV 240-66387/5 Date Analyzed: 11/27/2012 12:06

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): YF112705.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				9.75		
UPPER LIMIT				9.85		
LOWER LIMIT				9.65		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-66387/5 CCVRT		11/27/2012 12:06	YF112705.D	9.75		
MB 240-66321/1-A		11/27/2012 21:43	YF112720.D	9.75		
LCS 240-66321/2-A		11/27/2012 22:23	YF112721.D	9.75		
240-17768-2	70SB-0012M-0001-SO	11/27/2012 23:40	YF112723.D	9.76		
240-17768-4	70SB-0014M-0001-SO	11/28/2012 00:57	YF112725.D	9.76		
CCV 240-66387/29		11/28/2012 03:31	YF112729.D	9.75		
MB 240-66387/38		11/28/2012 09:18	YF112738.D	9.75		
LCS 240-66387/39		11/28/2012 09:58	YF112739.D	9.75		
CCV 240-66387/40		11/28/2012 10:36	YF112740.D	9.75		
240-17768-3	70SB-0013M-0001-SO	11/28/2012 11:25	YF112741.D	9.77		
240-17768-5	70SB-0015M-0001-SO	11/28/2012 12:04	YF112742.D	9.75		
240-17768-6	70SB-0016M-0001-SO	11/28/2012 12:43	YF112743.D	9.75		
240-17768-7	70SB-0017M-0001-SO	11/28/2012 13:22	YF112744.D	9.75		
MB 240-66387/45		11/28/2012 14:00	YF112745.D	9.75		
LCS 240-66387/46		11/28/2012 14:38	YF112746.D	9.75		
240-17768-8	70SB-0018-0001-TB	11/28/2012 15:18	YF112747.D	9.75		
CCV 240-66387/51		11/28/2012 17:53	YF112751.D	9.75		
240-17768-1	70SB-0011M-0001-SO	11/28/2012 22:59	YF112759.D	9.75		
CCV 240-66387/60		11/28/2012 23:39	YF112760.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 I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0011M-0001-SO Lab Sample ID: 240-17768-1

Matrix: Solid Lab File ID: YF112759.D

Analysis Method: 8015B Date Collected: 11/14/2012 12:50

Sample wt/vol: 5.356(g) Date Analyzed: 11/28/2012 22:59

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.: 66387 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	53	U	110	53	49

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\20121127-15294.b\YF112759.D		
Lims ID:	240-17768-E-1-A	Client ID:	70SB-0011M-0001-SO
Inject. Date:	28-Nov-2012 22:59:56	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015294-059		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	59
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	29-Nov-2012 08:33:49	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	9.748	9.749	-0.001	1224605	7.97	
A 1 C6-C12	2	13.408	4.971 - 21.846		12638002	43.5	

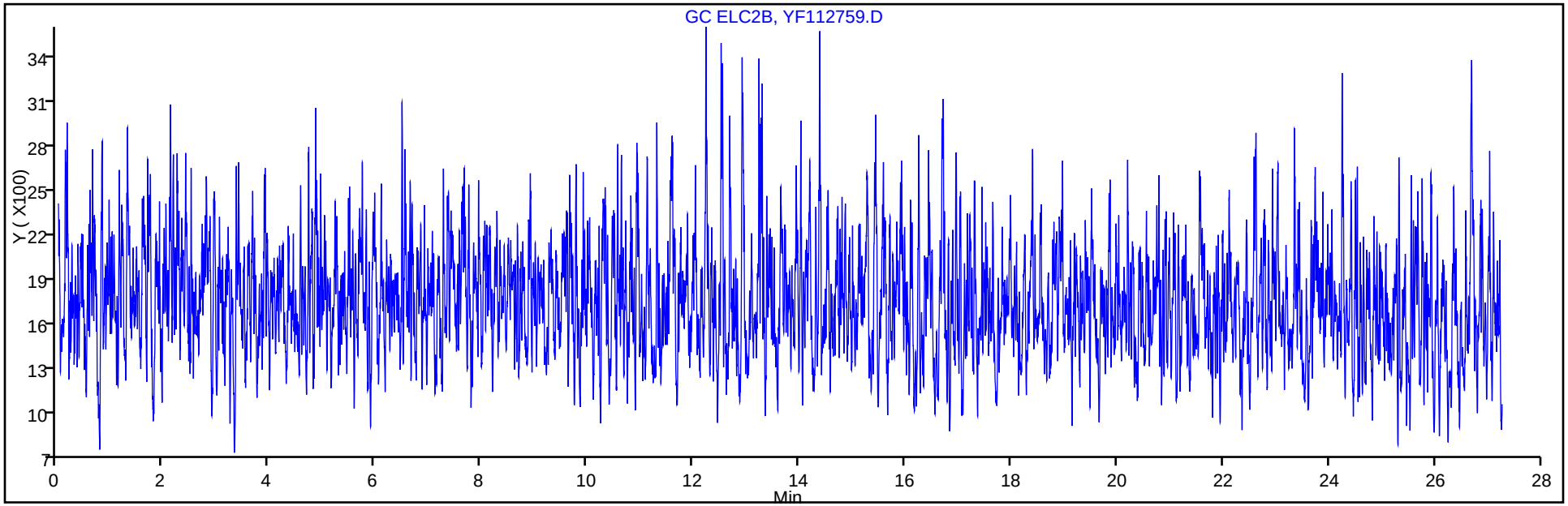
Report Date: 29-Nov-2012 08:34:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

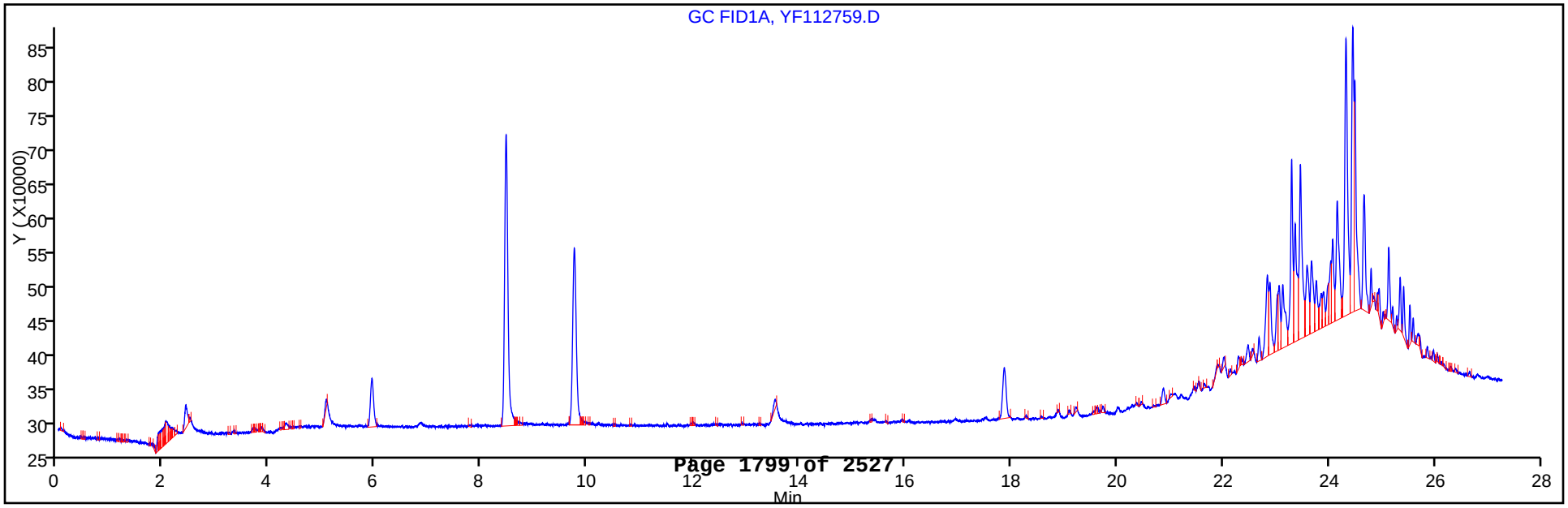
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112759.D

Injection Date:	28-Nov-2012 22:59:56	Limit Group:	GCV 8015B GRO ICAL
Client ID:	70SB-0011M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	66387	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.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0012M-0001-SO Lab Sample ID: 240-17768-2

Matrix: Solid Lab File ID: YF112723.D

Analysis Method: 8015B Date Collected: 11/14/2012 12:50

Sample wt/vol: 6.238(g) Date Analyzed: 11/27/2012 23:40

Soil Aliquot Vol: 100 (uL) Dilution Factor: 10

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 19.2 Level: (low/med) Medium

Analysis Batch No.: 66387 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	160000	D	50000	25000	17000

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	76	M	10-150

Report Date: 29-Nov-2012 08:33:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112723.D		
Lims ID:	240-17768-D-2-A	Client ID:	70SB-0012M-0001-SO
Inject. Date:	27-Nov-2012 23:40:17	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	240-0015294-023		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	23
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	29-Nov-2012 08:33:09	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: bosworthh Date: 28-Nov-2012 08:22:21

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	9.751	0.008	117554	0.7647	M
A 1 C6-C12	2	13.408	4.971 -	21.846	51435834	328.0	

QC Flag Legend

Review Flags
M - Manually Integrated

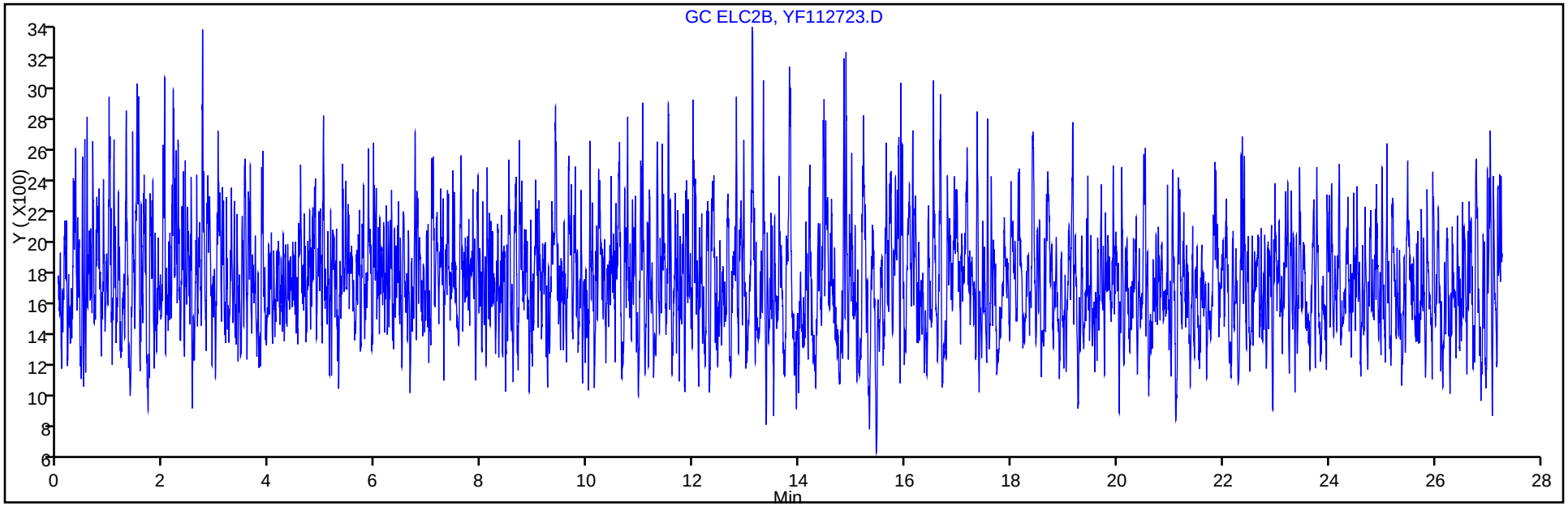
Report Date: 29-Nov-2012 08:33:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

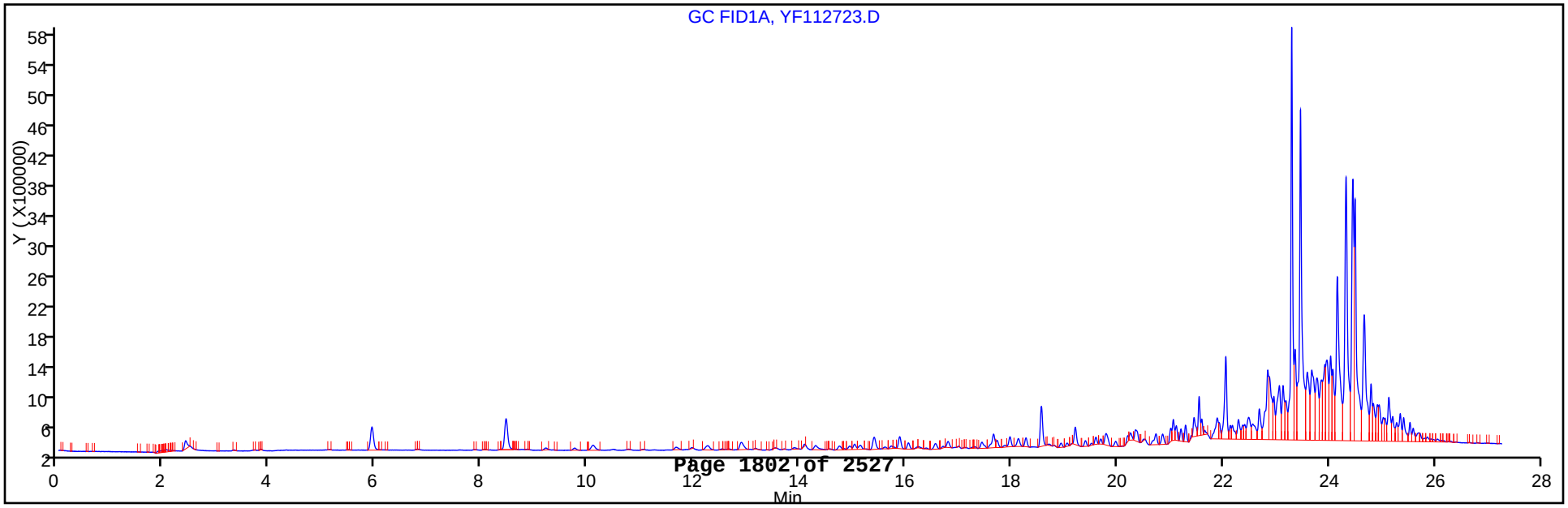
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112723.D

Injection Date:	27-Nov-2012 23:40:17	Limit Group:	GCV 8015B GRO ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	23
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

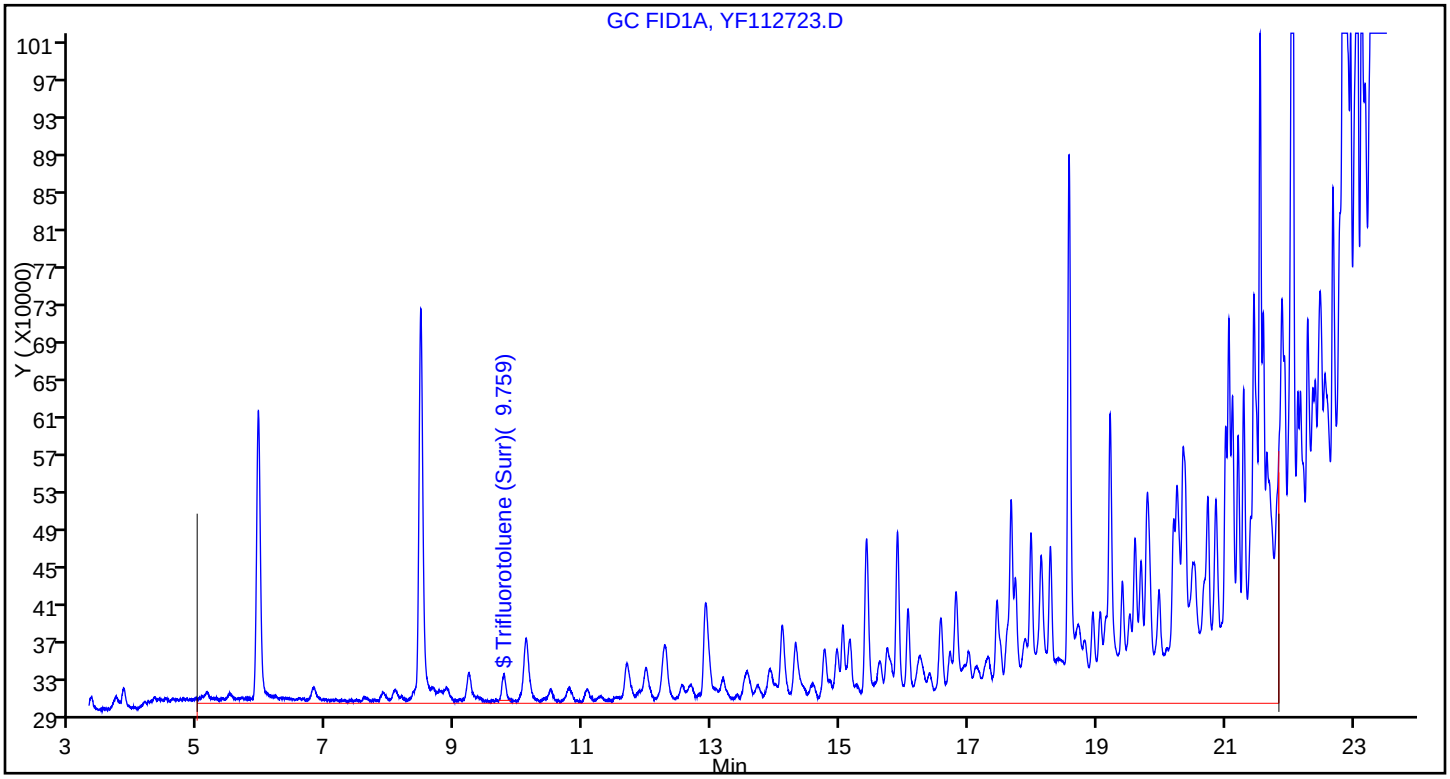


Report Date: 29-Nov-2012 08:33:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112723.D		
Injection Date:	27-Nov-2012 23:40:17	Limit Group:	GCV 8015B GRO ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	23
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

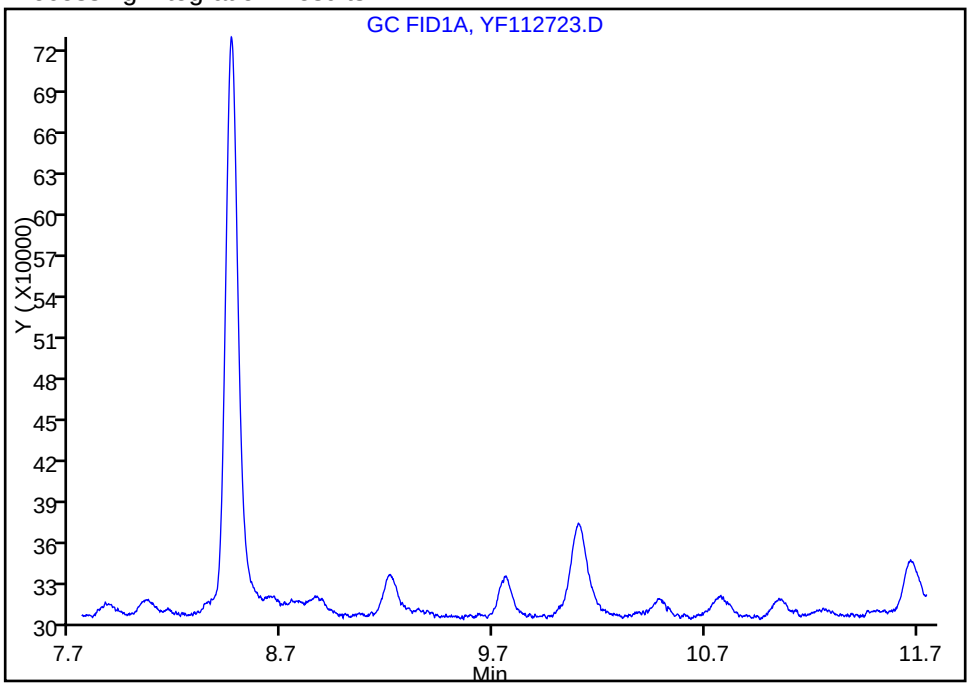
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112723.D		
Injection Date:	27-Nov-2012 23:40:17	Limit Group:	GCV 8015B GRO ICAL
Client ID:	70SB-0012M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	23
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

$ 16 Trifluorotoluene (Surr), Signal: 1, Type: quant, RT: 9.75, Det: GC FID1A

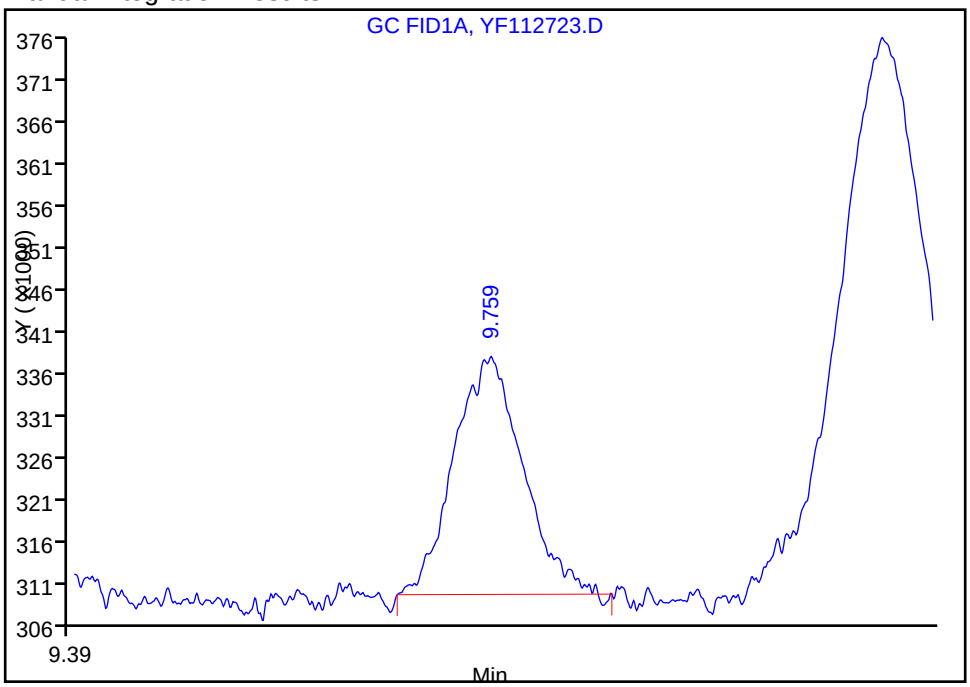
Processing Integration Results

Not Detected
Expected RT: 9.75



Manual Integration Results

RT: 9.76
Response: 117554
Amount: 0.764749



Reviewer: bosworthh, 28-Nov-2012 08:22:21
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0013M-0001-SO Lab Sample ID: 240-17768-3

Matrix: Solid Lab File ID: YF112741.D

Analysis Method: 8015B Date Collected: 11/14/2012 11:00

Sample wt/vol: 6.224(g) Date Analyzed: 11/28/2012 11:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 19.2 Level: (low/med) Low

Analysis Batch No.: 66387 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	140		99	50	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	68		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112741.D		
Lims ID:	240-17768-F-3-A	Client ID:	70SB-0013M-0001-SO
Inject. Date:	28-Nov-2012 11:25:12	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015294-041		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	41
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	29-Nov-2012 08:33:36	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	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	9.772	9.753	0.019	1039218	6.76	
A 1 C6-C12	2	13.408	4.971 - 21.846		26004836	141.6	

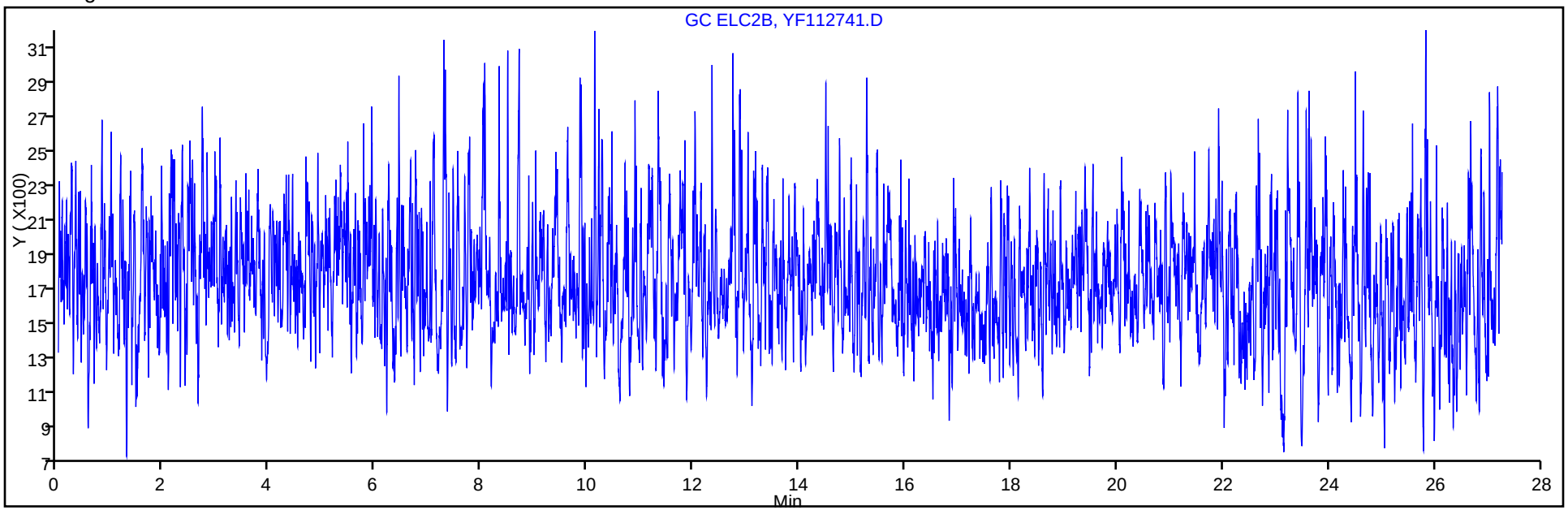
Report Date: 29-Nov-2012 08:33:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

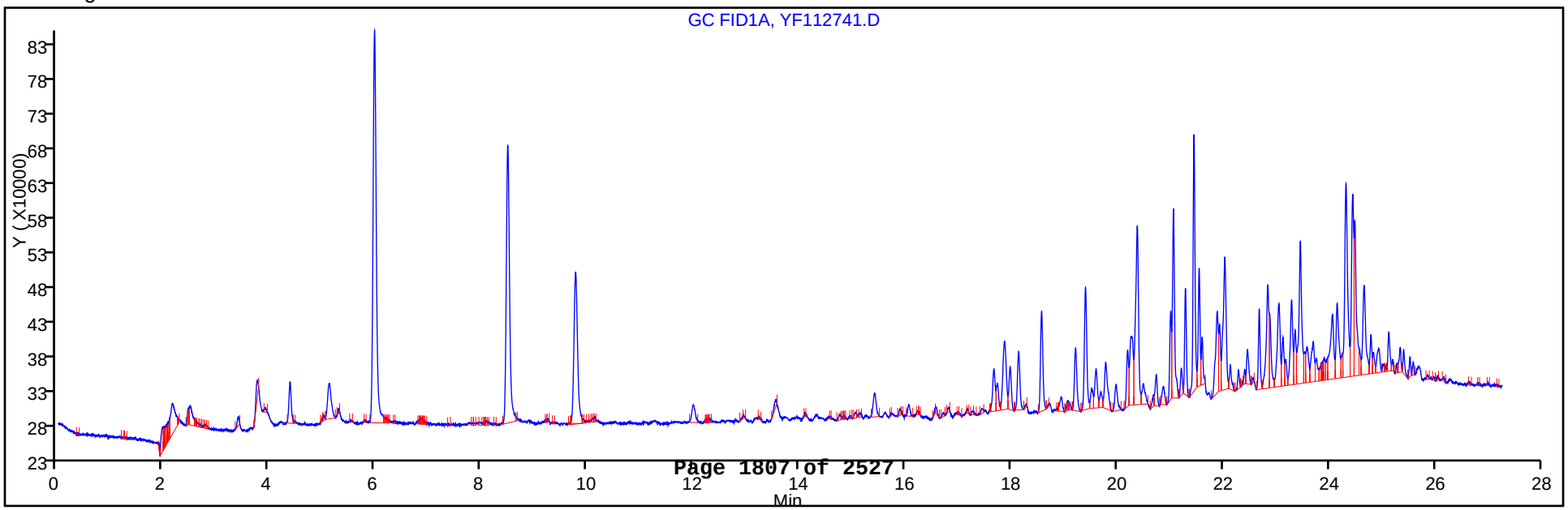
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112741.D

Injection Date:	28-Nov-2012 11:25:12	Limit Group:	GCV 8015B GRO ICAL
Client ID:	70SB-0013M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	41
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

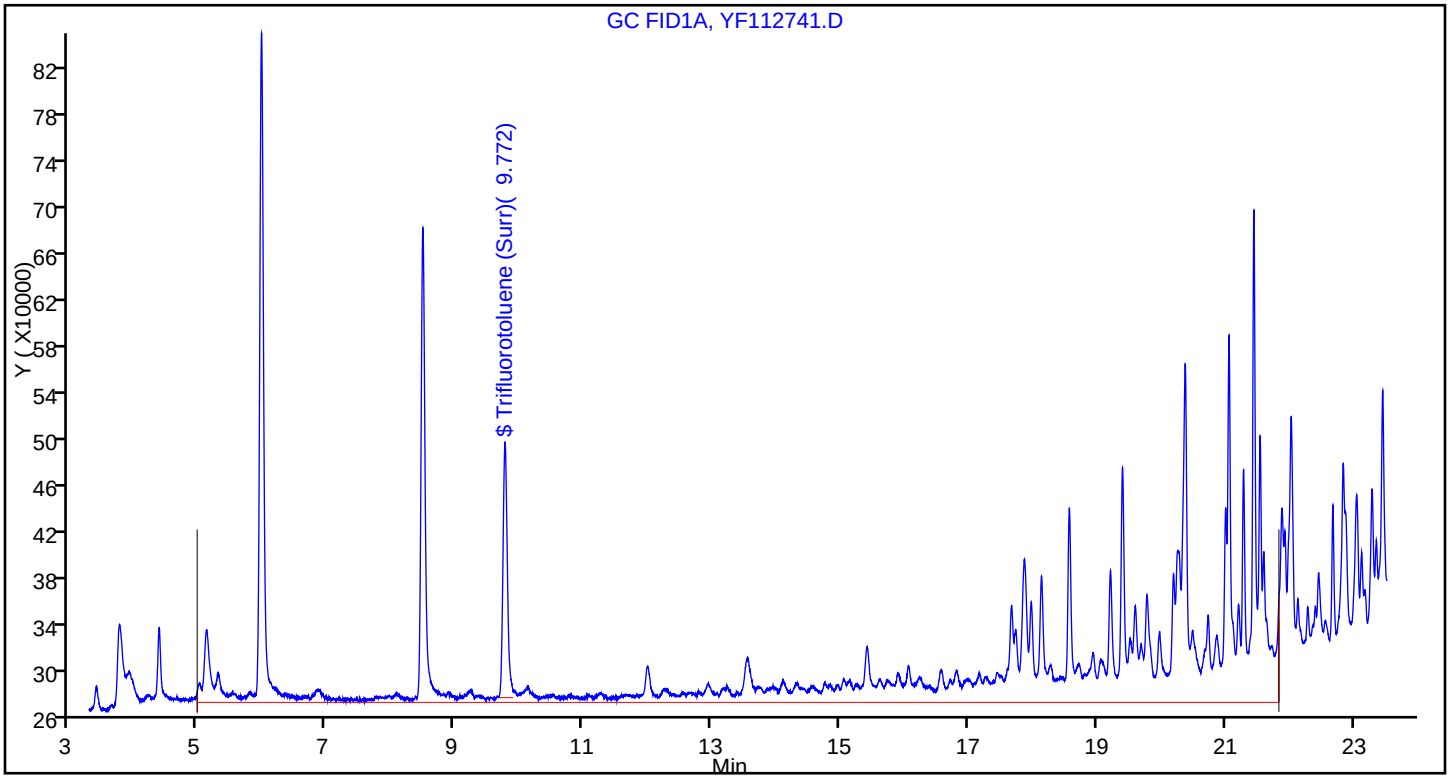


Report Date: 29-Nov-2012 08:33:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112741.D		
Injection Date:	28-Nov-2012 11:25:12	Limit Group:	GCV 8015B GRO ICAL
Client ID:	70SB-0013M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	41
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.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0014M-0001-SO Lab Sample ID: 240-17768-4

Matrix: Solid Lab File ID: YF112725.D

Analysis Method: 8015B Date Collected: 11/14/2012 09:35

Sample wt/vol: 6.125(g) Date Analyzed: 11/28/2012 00:57

Soil Aliquot Vol: 100 (uL) Dilution Factor: 10

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 17.1 Level: (low/med) Medium

Analysis Batch No.: 66387 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	190000	D	49000	25000	17000

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	100	M	10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112725.D		
Lims ID:	240-17768-D-4-A	Client ID:	70SB-0014M-0001-SO
Inject. Date:	28-Nov-2012 00:57:41	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	240-0015294-025		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	25
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	29-Nov-2012 08:33:09	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: bosworthh		Date:	28-Nov-2012 08:23:01

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	9.751	0.004	154203	1.00	M
A 1 C6-C12	2	13.408	4.971 -	21.846	58995197	383.5	

QC Flag Legend

Review Flags
M - Manually Integrated

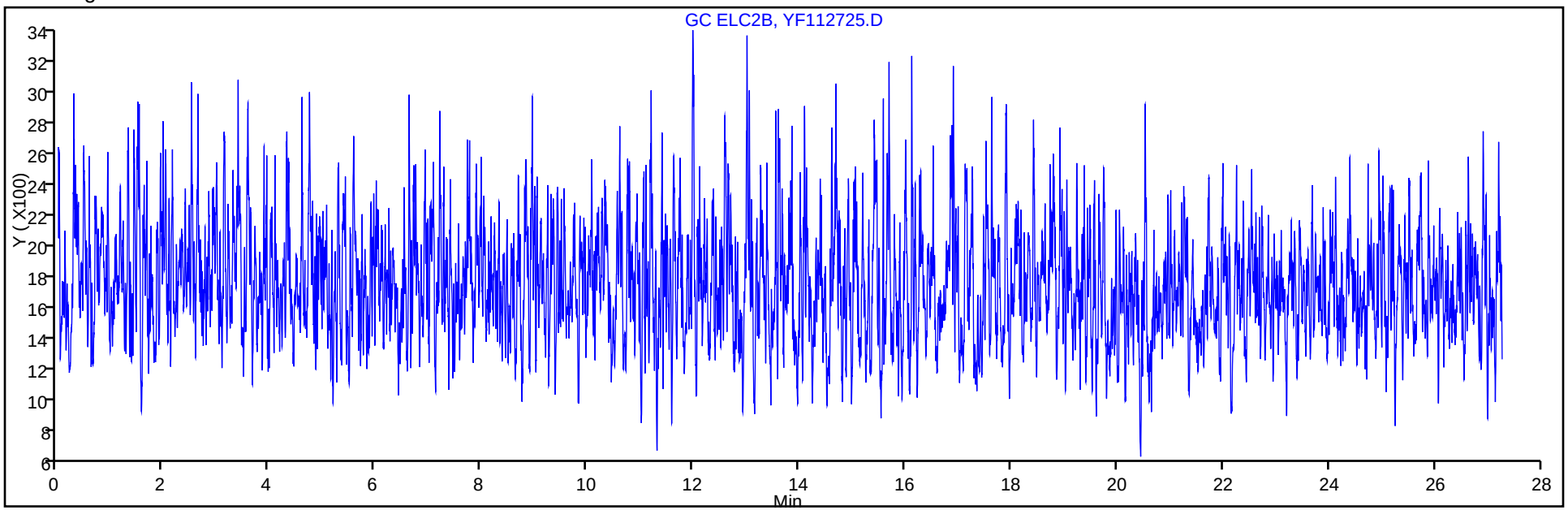
Report Date: 29-Nov-2012 08:33:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

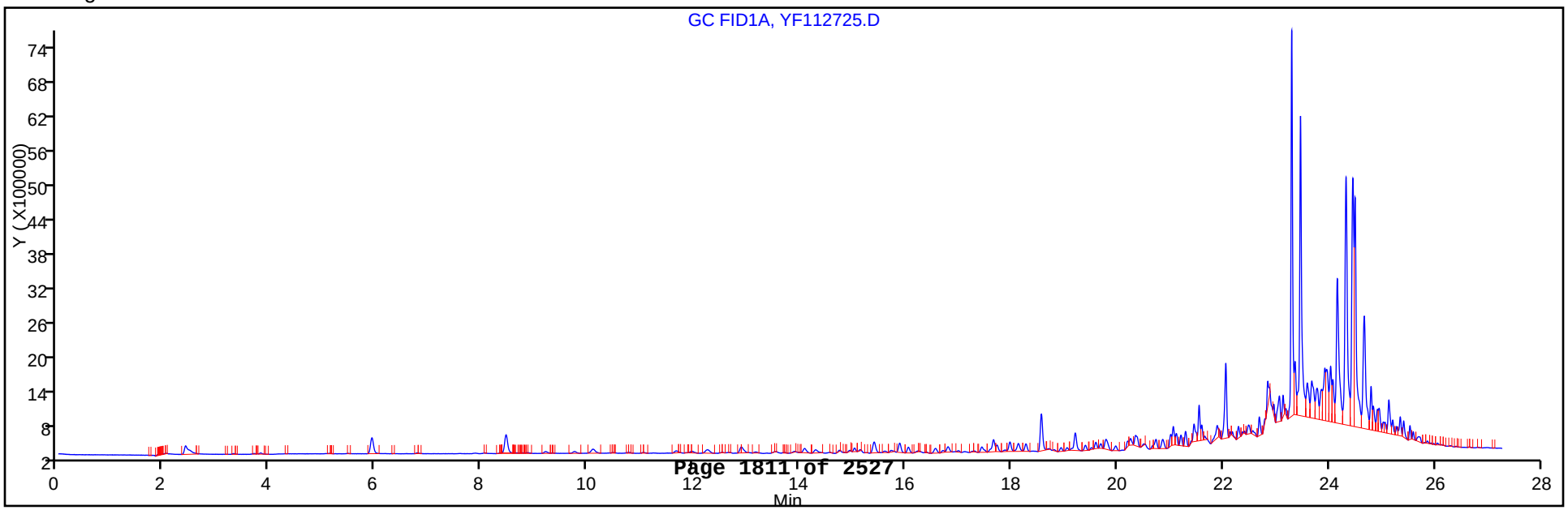
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112725.D

Injection Date:	28-Nov-2012 00:57:41	Limit Group:	GCV 8015B GRO ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	25
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

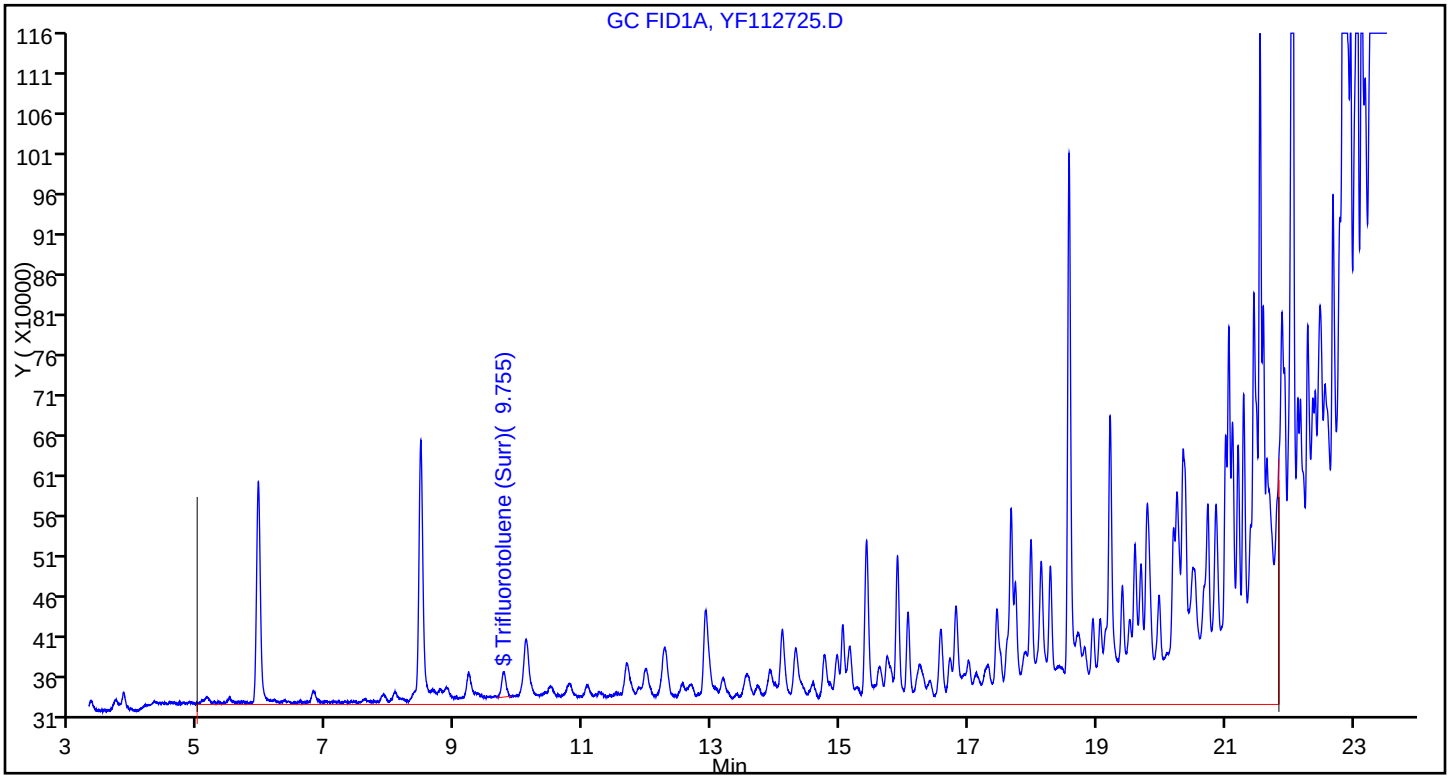


Report Date: 29-Nov-2012 08:33:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112725.D		
Injection Date:	28-Nov-2012 00:57:41	Limit Group:	GCV 8015B GRO ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	25
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

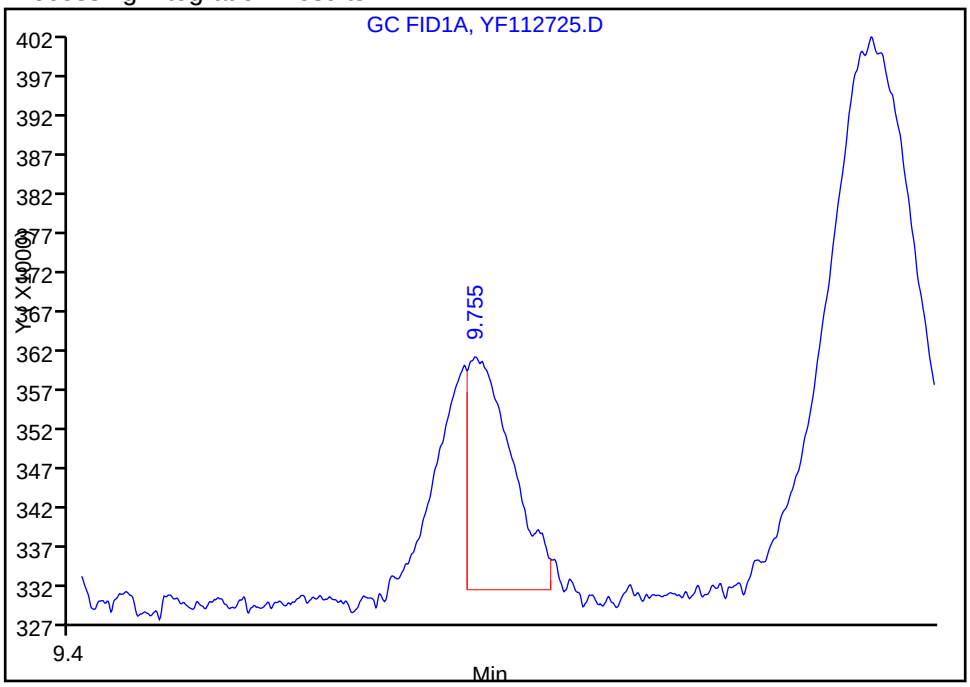
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112725.D		
Injection Date:	28-Nov-2012 00:57:41	Limit Group:	GCV 8015B GRO ICAL
Client ID:	70SB-0014M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	25
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

$ 16 Trifluorotoluene (Surr), Signal: 1, Type: quant, RT: 9.75, Det: GC FID1A

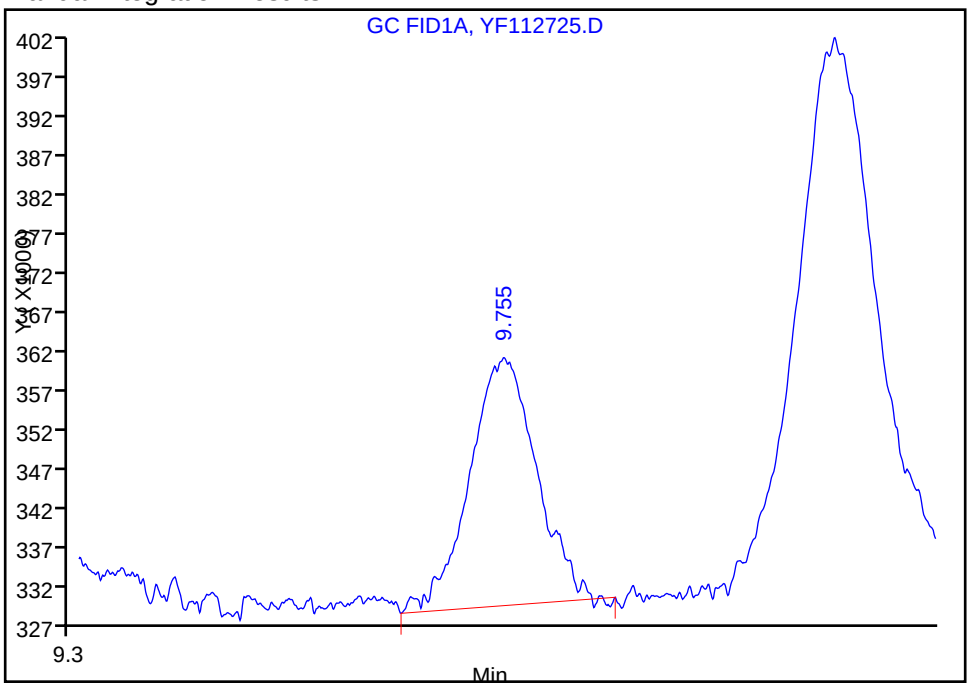
Processing Integration Results

RT: 9.76
Response: 78539
Amount: 0.510937



Manual Integration Results

RT: 9.76
Response: 154203
Amount: 1.003170



Reviewer: bosworthh, 28-Nov-2012 08:23:01
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0015M-0001-SO | Lab Sample ID: 240-17768-5

Matrix: Solid | Lab File ID: YF112742.D

Analysis Method: 8015B | Date Collected: 11/14/2012 13:00

Sample wt/vol: 6.378(g) | Date Analyzed: 11/28/2012 12:04

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 23.2 | Level: (low/med) Low

Analysis Batch No.: 66387 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	51	U	100	51	47

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\20121127-15294.b\YF112742.D		
Lims ID:	240-17768-F-5-A	Client ID:	70SB-0015M-0001-SO
Inject. Date:	28-Nov-2012 12:04:29	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015294-042		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	42
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	29-Nov-2012 08:33:36	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	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	9.748	9.753	-0.005	1115454	7.26	
A 1 C6-C12	2		4.971 -	21.846			

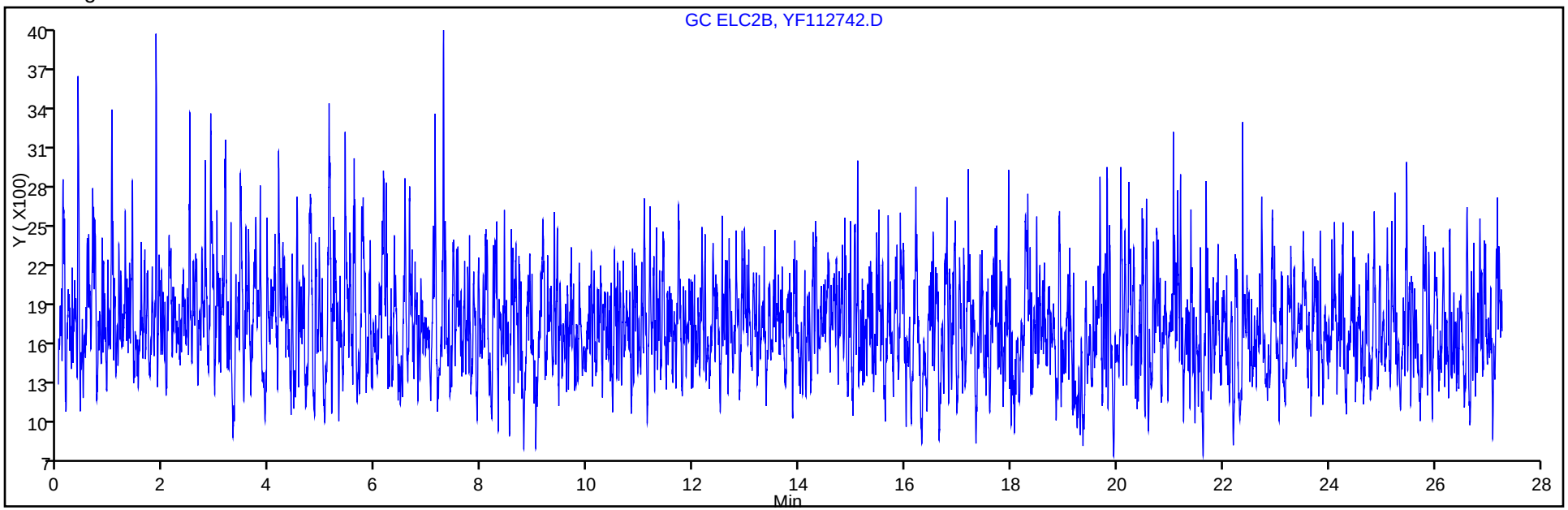
Report Date: 29-Nov-2012 08:33:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

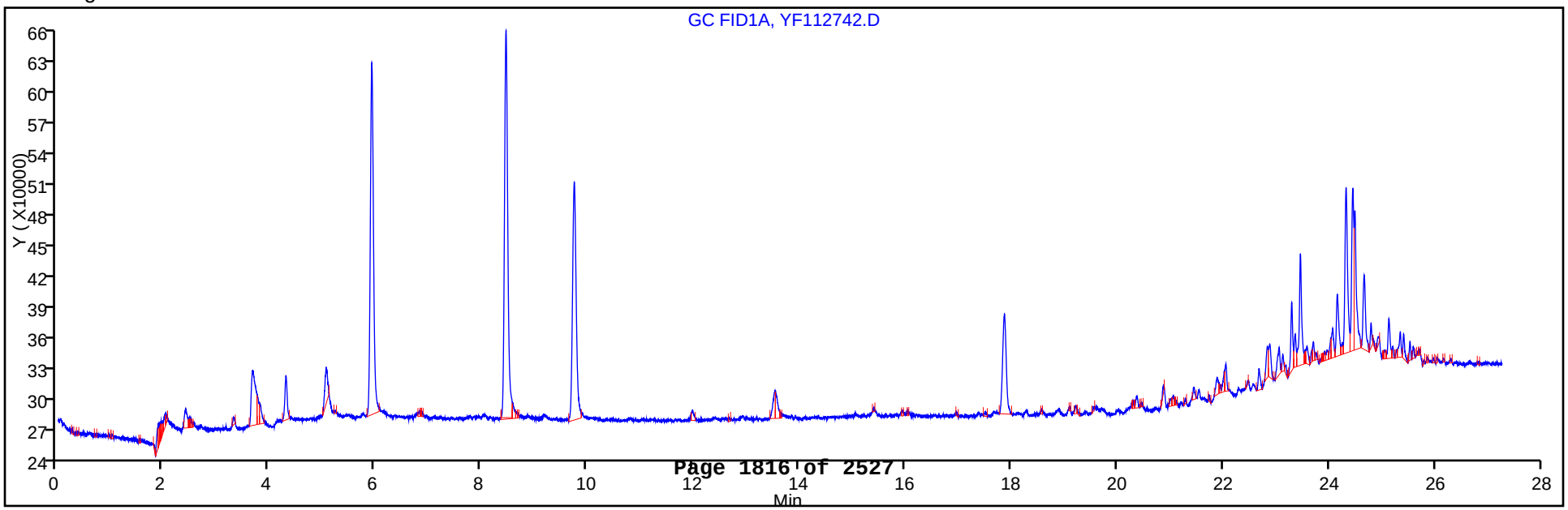
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112742.D

Injection Date:	28-Nov-2012 12:04:29	Limit Group:	GCV 8015B GRO ICAL
Client ID:	70SB-0015M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	42
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0016M-0001-SO | Lab Sample ID: 240-17768-6

Matrix: Solid | Lab File ID: YF112743.D

Analysis Method: 8015B | Date Collected: 11/14/2012 11:50

Sample wt/vol: 5.674(g) | Date Analyzed: 11/28/2012 12:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 19.4 | Level: (low/med) Low

Analysis Batch No.: 66387 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	55	U	110	55	50

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\20121127-15294.b\YF112743.D		
Lims ID:	240-17768-F-6-A	Client ID:	70SB-0016M-0001-SO
Inject. Date:	28-Nov-2012 12:43:12	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015294-043		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	43
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	29-Nov-2012 08:33:36	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	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	9.747	9.753	-0.006	1190860	7.75	
A 1 C6-C12	2		4.971 -	21.846			

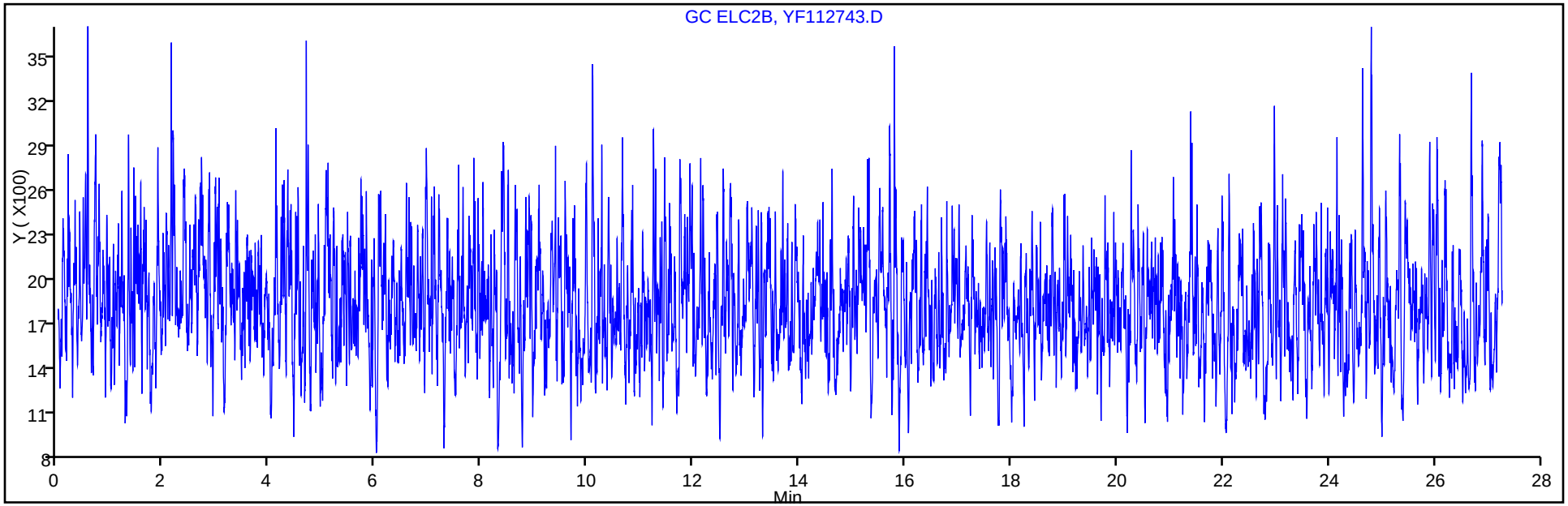
Report Date: 29-Nov-2012 08:33:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

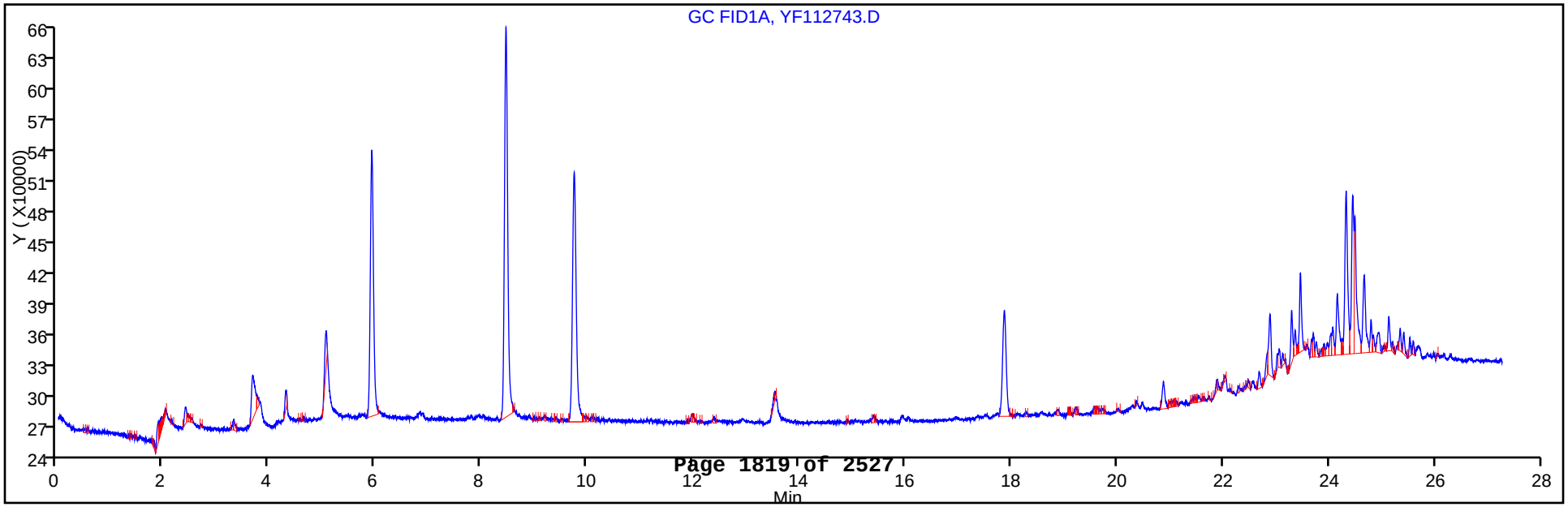
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112743.D

Injection Date:	28-Nov-2012 12:43:12	Limit Group:	GCV 8015B GRO ICAL
Client ID:	70SB-0016M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	43
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0017M-0001-SO Lab Sample ID: 240-17768-7

Matrix: Solid Lab File ID: YF112744.D

Analysis Method: 8015B Date Collected: 11/14/2012 12:15

Sample wt/vol: 5.46(g) Date Analyzed: 11/28/2012 13:22

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 20.8 Level: (low/med) Low

Analysis Batch No.: 66387 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	58	U	120	58	53

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\20121127-15294.b\YF112744.D		
Lims ID:	240-17768-F-7-A	Client ID:	70SB-0017M-0001-SO
Inject. Date:	28-Nov-2012 13:22:32	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015294-044		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	44
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	29-Nov-2012 08:33:36	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

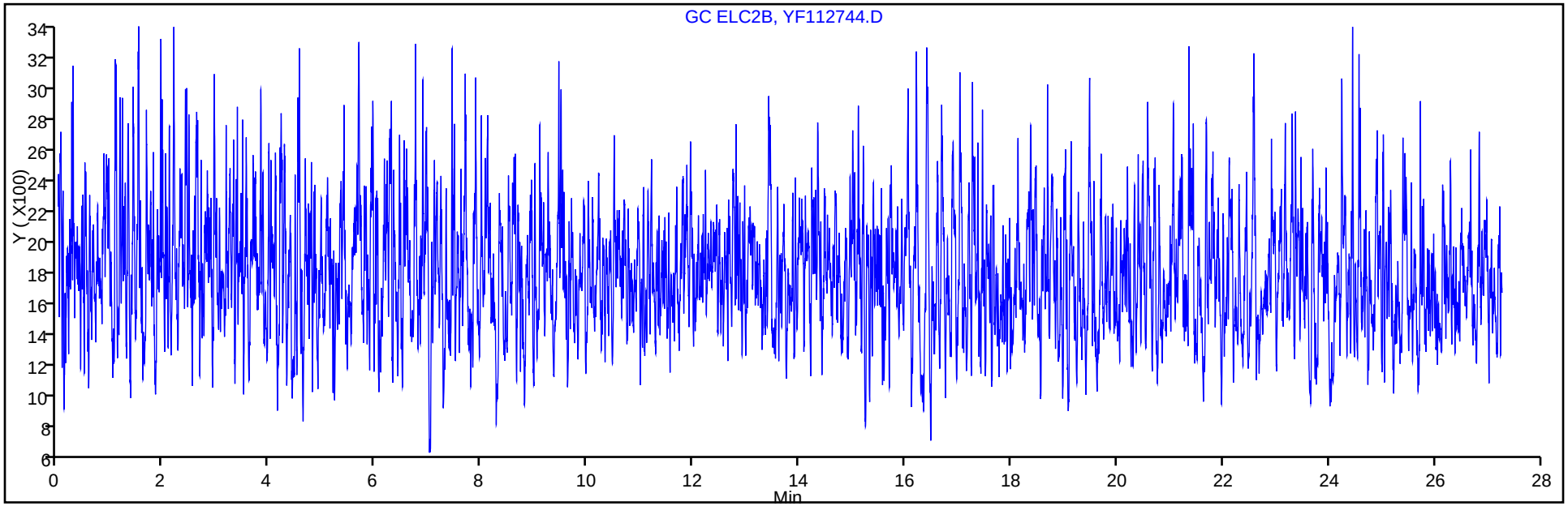
Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.746	9.753	-0.007	1107370	7.20	
A 1 C6-C12	2		4.971 -	21.846			

Report Date: 29-Nov-2012 08:33:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

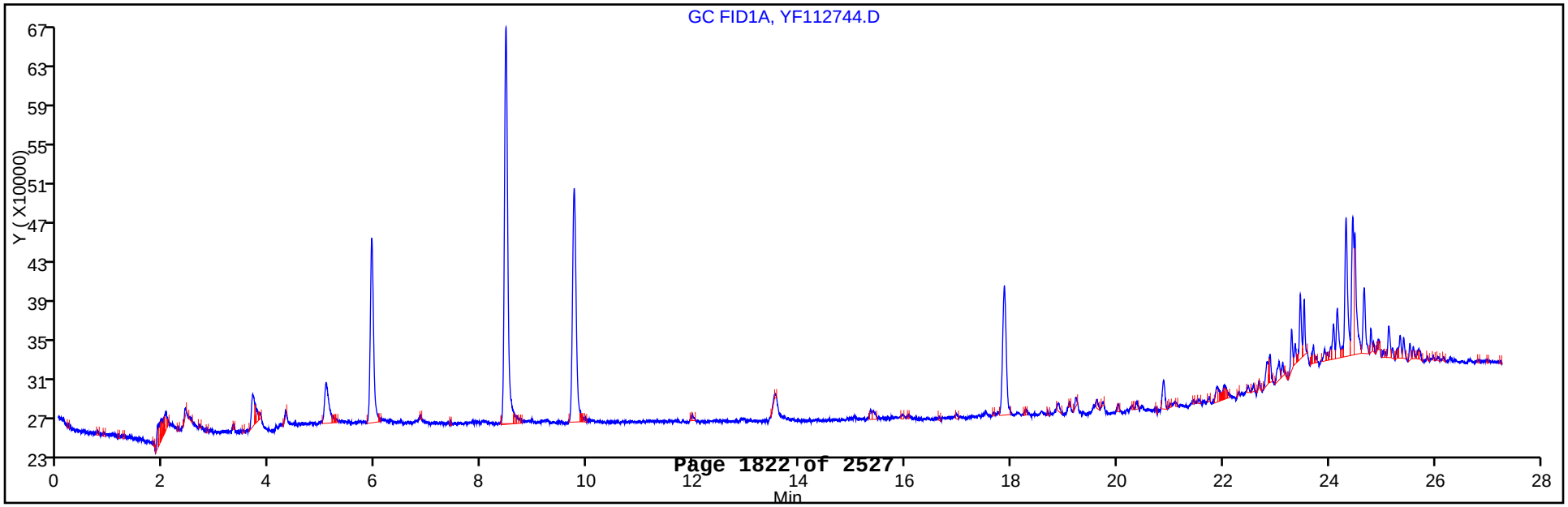
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112744.D		
Injection Date:	28-Nov-2012 13:22:32	Limit Group:	GCV 8015B GRO ICAL
Client ID:	70SB-0017M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	44
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 70SB-0018-0001-TB Lab Sample ID: 240-17768-8

Matrix: Water Lab File ID: YF112747.D

Analysis Method: 8015B Date Collected: 11/14/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 11/28/2012 15:18

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.: 66387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	49	J	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\20121127-15294.b\YF112747.D		
Lims ID:	240-17768-B-8	Client ID:	70SB-0018-0001-TB
Inject. Date:	28-Nov-2012 15:18:01	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015294-047		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	47
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	29-Nov-2012 08:33:36	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	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	9.747	9.753	-0.006	1214981	7.90	
A 1 C6-C12	2	13.408	4.971 - 21.846		13339163	48.7	

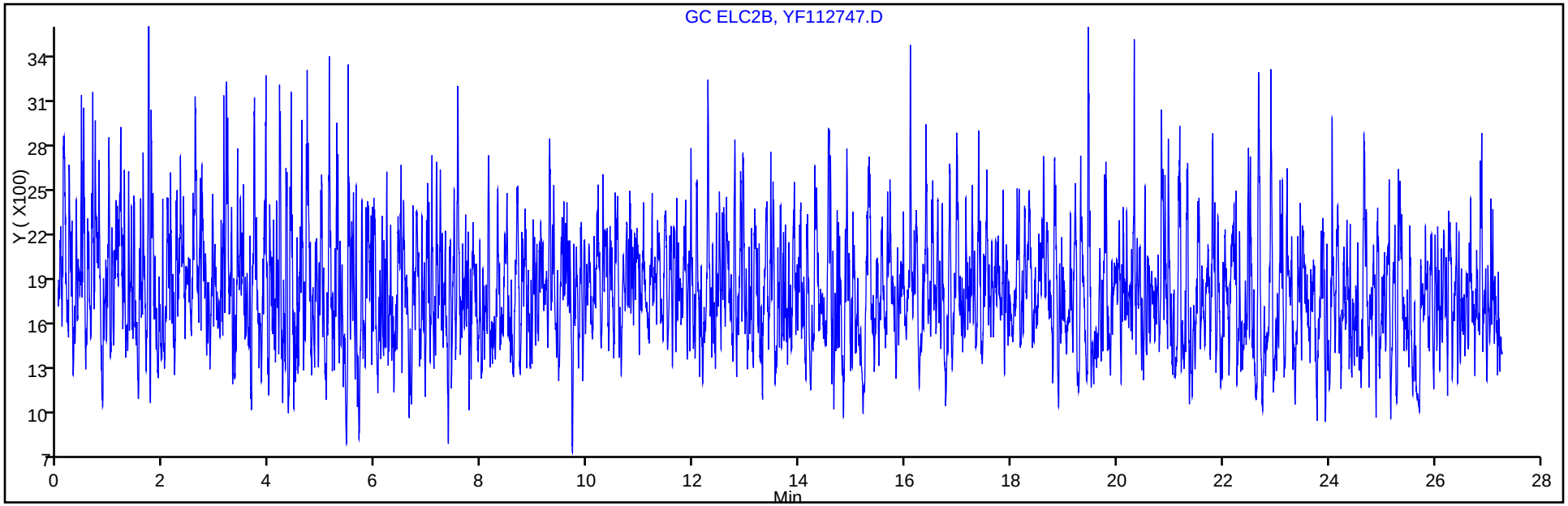
Report Date: 29-Nov-2012 08:33:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

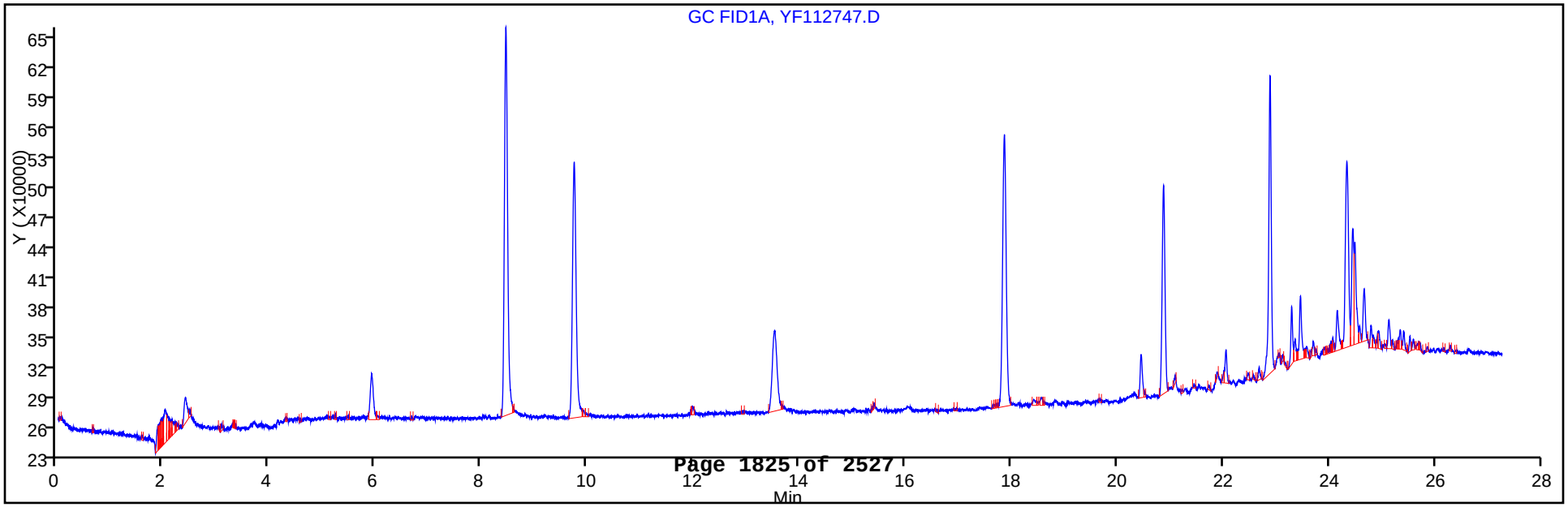
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112747.D

Injection Date:	28-Nov-2012 15:18:01	Limit Group:	GCV 8015B GRO ICAL
Client ID:	70SB-0018-0001-TB	Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	47
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

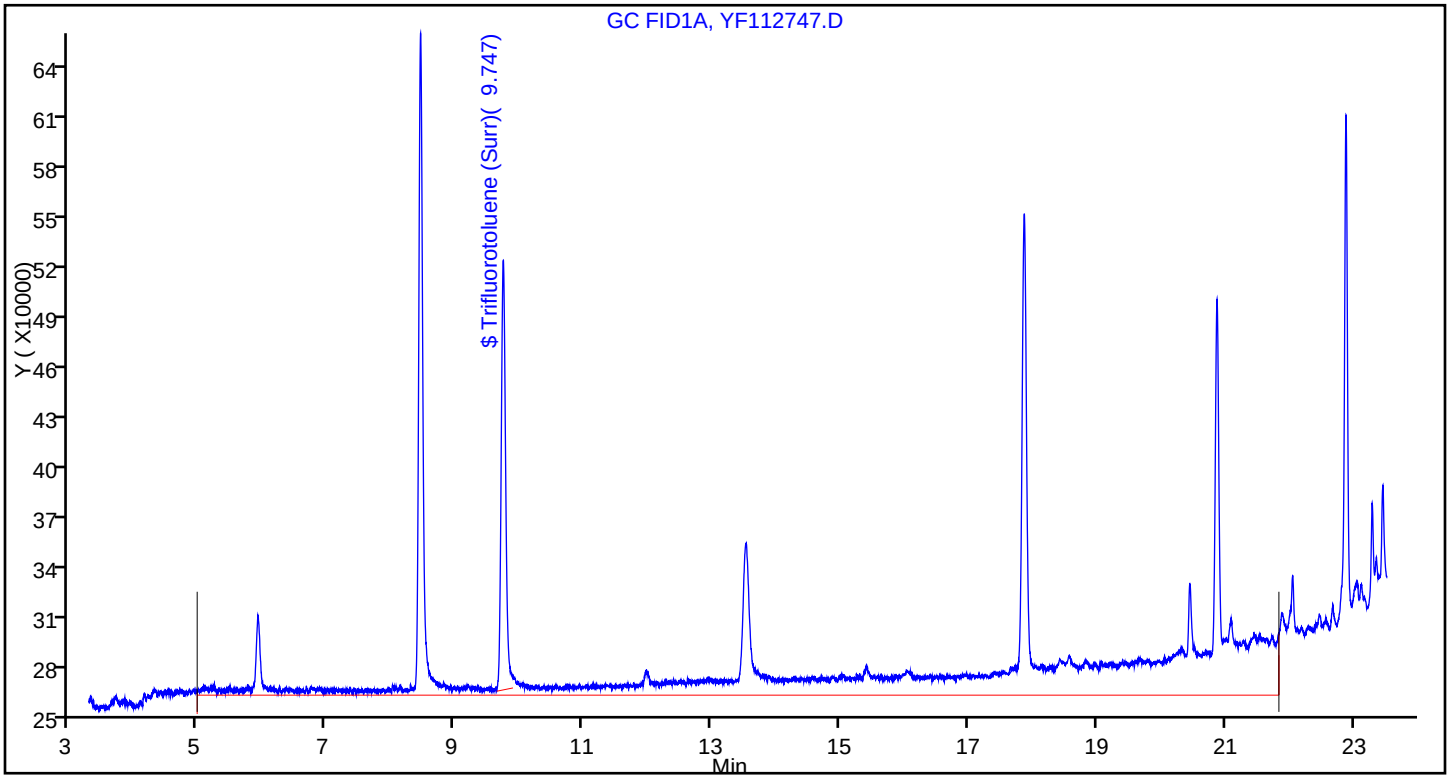


Report Date: 29-Nov-2012 08:33:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112747.D		
Injection Date:	28-Nov-2012 15:18:01	Limit Group:	GCV 8015B GRO ICAL
Client ID:	70SB-0018-0001-TB	Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	47
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

A 1 C6-C12, Detector: 2, GC FID1A



FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 Analy Batch No.: 54511

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2012 18:36 Calibration End Date: 08/15/2012 22:00 Calibration ID: 10675

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-54511/6	YF081506.D
Level 2	STD2 240-54511/7	YF081507.D
Level 3	STD3 240-54511/8	YF081508.D
Level 4	STD4 240-54511/9	YF081509.D
Level 5	STD5 240-54511/10	YF081510.D
Level 6	STD6 240-54511/11	YF081511.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
C6-C10	Ave	18354154 206328514	27099537	50604228	98796615	141742722	100 1600	200	400	800	1200
C6-C12	Lin	25567346 233562173	34081672	59632568	113051081	160683965	100 1600	200	400	800	1200
Trifluorotoluene (Surr)	Ave	1365710 1835973	1379064	1450251	1538182	1653764	10.0 10.0	10.0	10.0	10.0	10.0

Curve Type Legend:

Ave = Average
Lin = Linear

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081506.D		
Lims ID:	STD1 GAS	Client ID:	
Inject. Date:	15-Aug-2012 18:36:54	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0012413-006		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	6
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:24	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

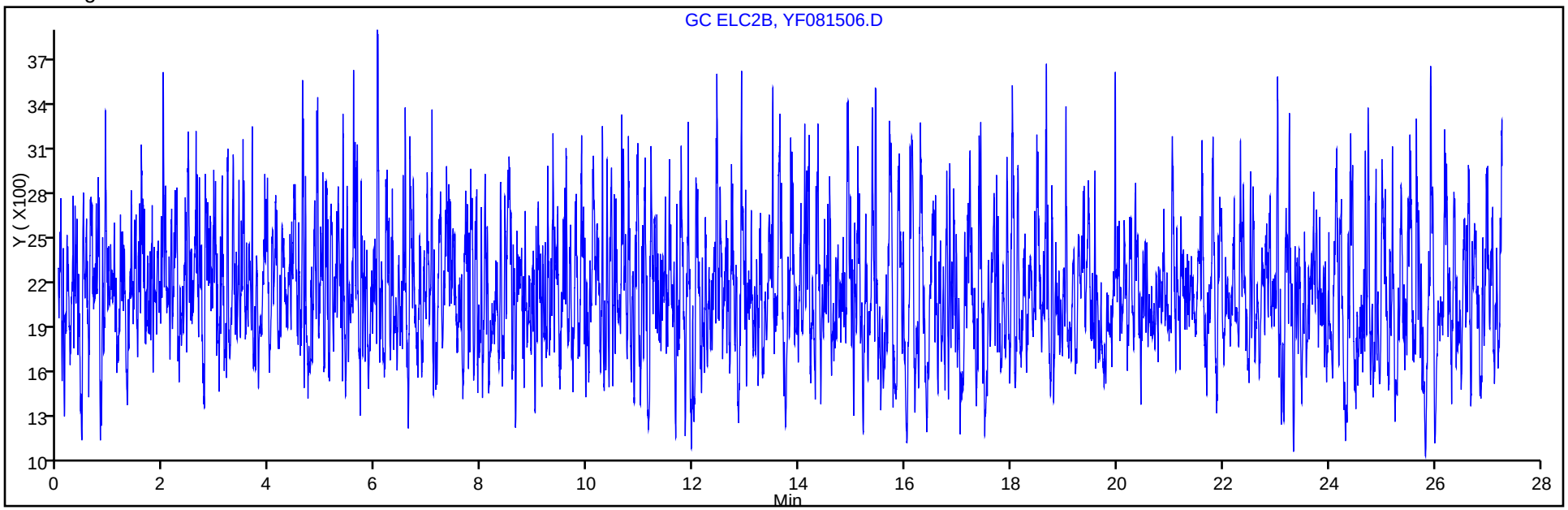
Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.711	9.713	-0.002	1365710	8.88	
A 5 C6-C10	2	11.760	4.755 -	18.765	18354154	134.9	
A 1 C6-C12	2	13.426	4.855 -	21.997	25567346	138.3	

Report Date: 16-Aug-2012 12:49:25 Chrom Revision: 2.0 17-Jul-2012 17:32:54

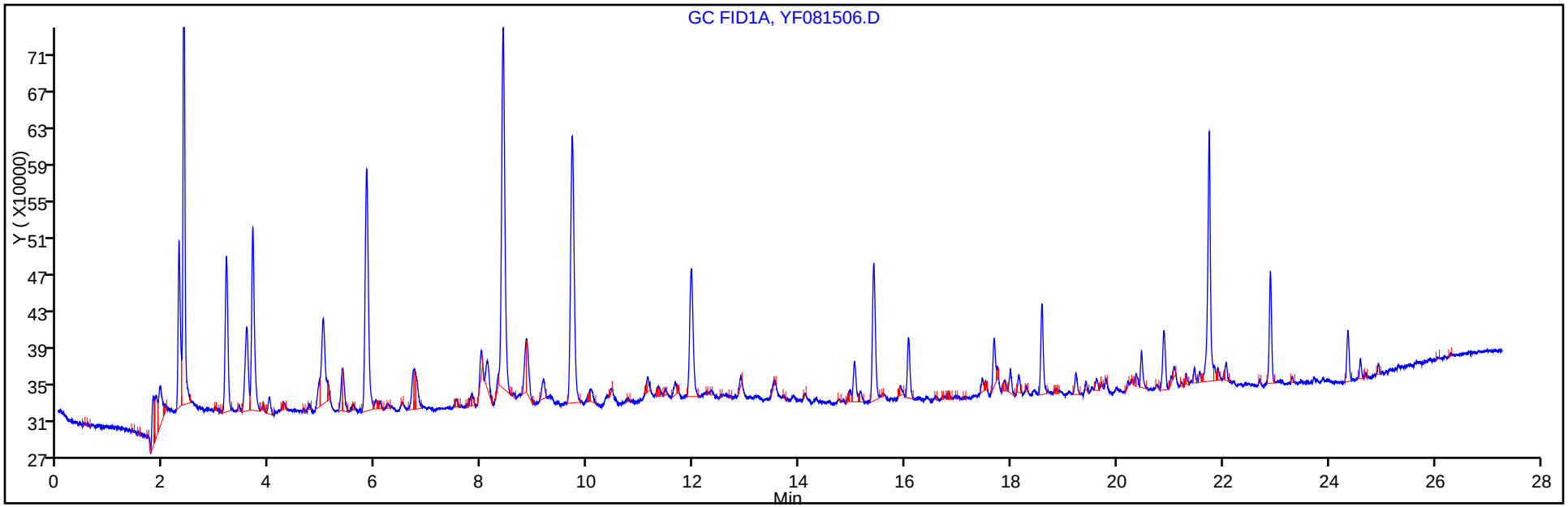
Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081506.D

Injection Date:	15-Aug-2012 18:36:54	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	54511	Lims Sample ID:	6
Operator ID:	1765		

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081507.D		
Lims ID:	STD2 GAS	Client ID:	
Inject. Date:	15-Aug-2012 19:17:42	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0012413-007		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	7
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:28	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.710	9.713	-0.003	1379064	8.97	
A 5 C6-C10	2	11.760	4.755 -	18.765	27099537	199.2	
A 1 C6-C12	2	13.426	4.855 -	21.997	34081672	200.8	

Report Date: 16-Aug-2012 12:49:28 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081507.D

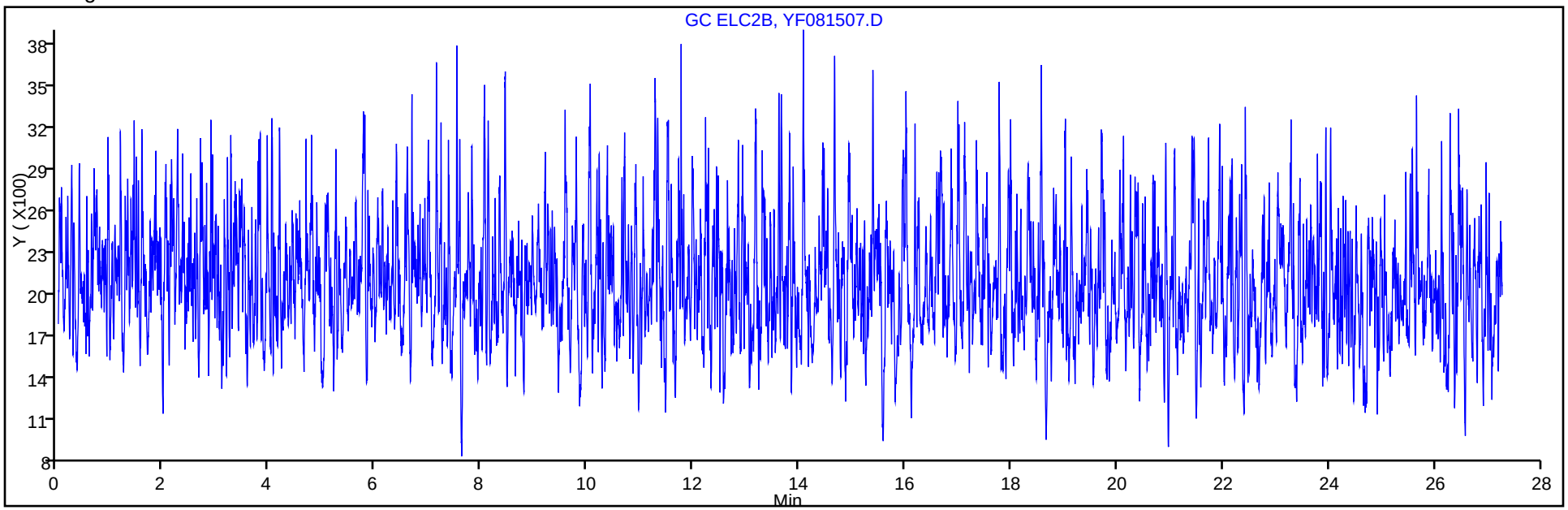
Injection Date: 15-Aug-2012 19:17:42 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

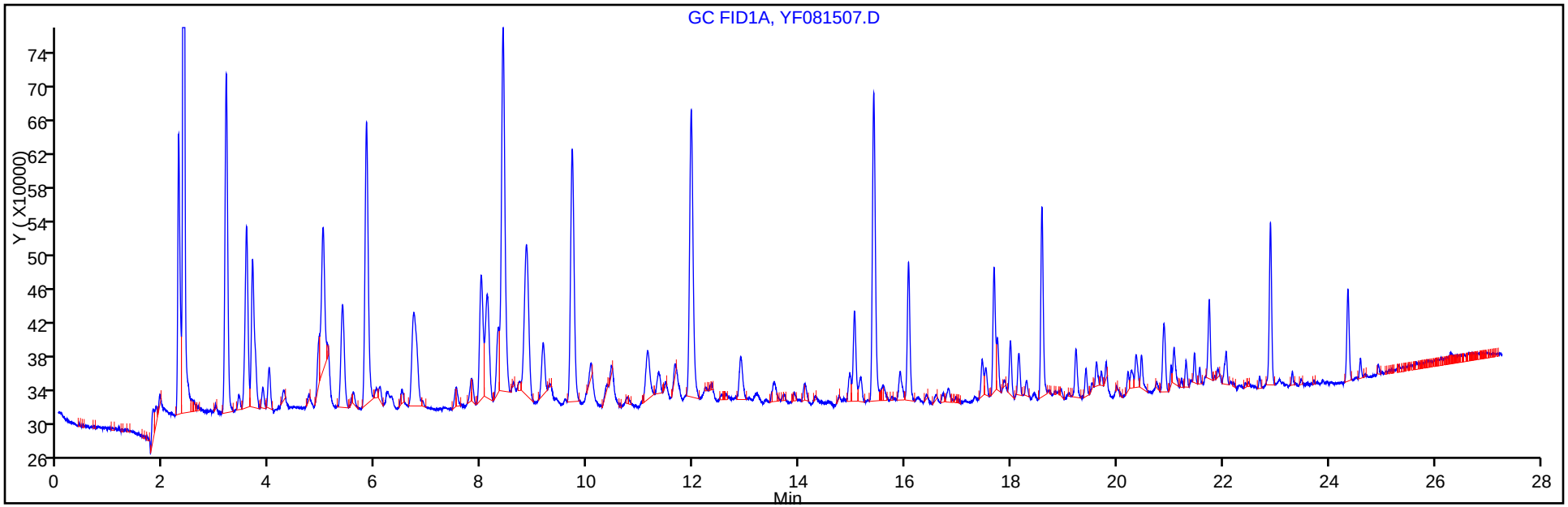
Lims Batch ID: 54511 Lims Sample ID: 7

Operator ID: 1765

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081508.D		
Lims ID:	STD3 GAS	Client ID:	
Inject. Date:	15-Aug-2012 19:58:01	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0012413-008		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	8
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:32	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

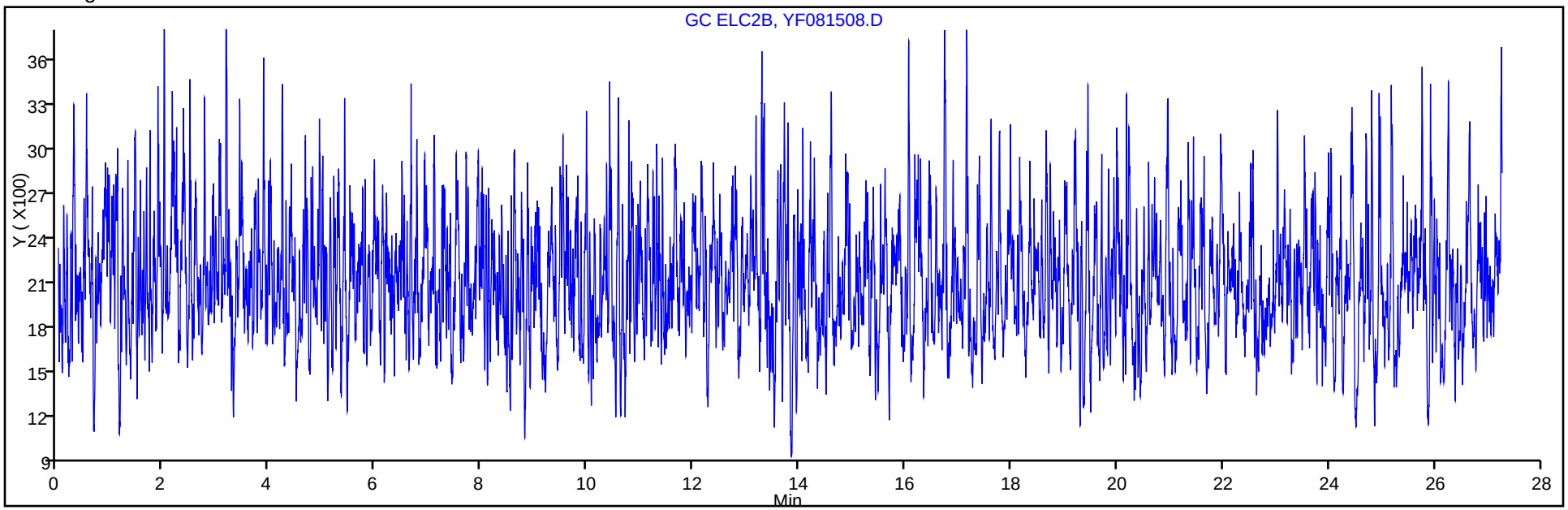
Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.713	9.713	0.0	1450251	9.43	
A 5 C6-C10	2	11.760	4.755 -	18.765	50604228	372.0	
A 1 C6-C12	2	13.426	4.855 -	21.997	59632568	388.2	

Report Date: 16-Aug-2012 12:49:32 Chrom Revision: 2.0 17-Jul-2012 17:32:54

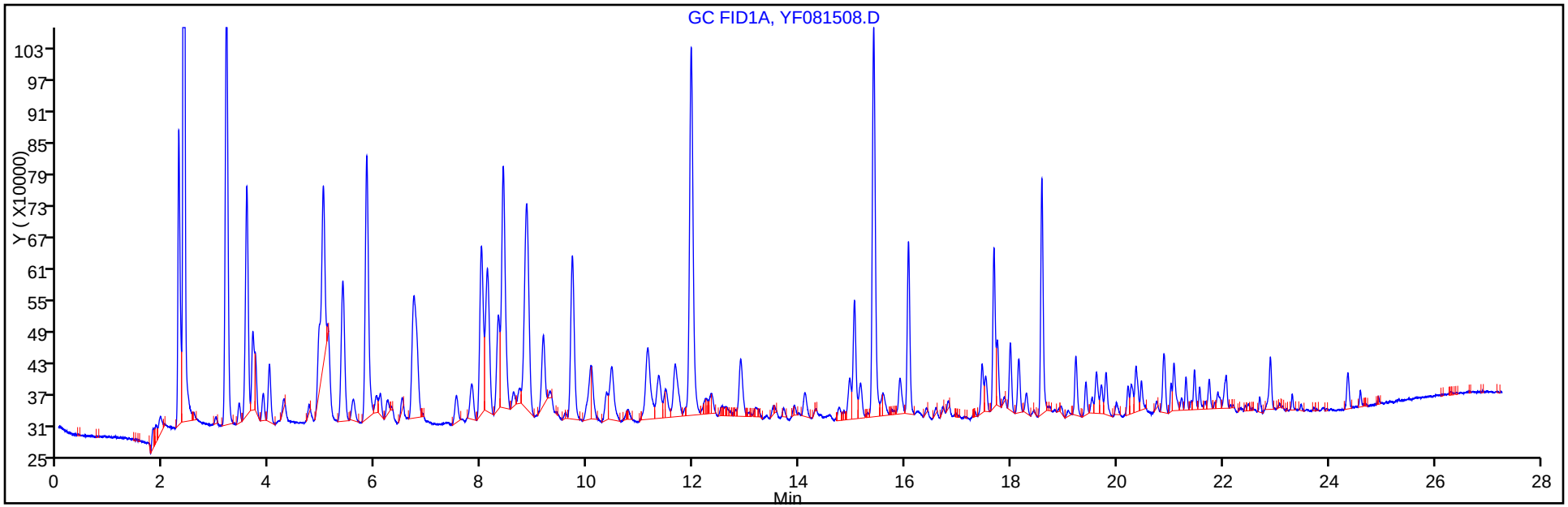
Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081508.D

Injection Date:	15-Aug-2012 19:58:01	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	54511	Lims Sample ID:	8
Operator ID:	1765		

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081509.D		
Lims ID:	STD4 GAS	Client ID:	
Inject. Date:	15-Aug-2012 20:39:09	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	4
Sample ID:	240-0012413-009		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	9
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:36	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.708	9.708	0.0	1538182	10.0	
A 5 C6-C10	2	11.760	4.755 -	18.765	98796615	726.3	
A 1 C6-C12	2	13.426	4.855 -	21.997	113051081	779.9	

Report Date: 16-Aug-2012 12:49:36 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081509.D

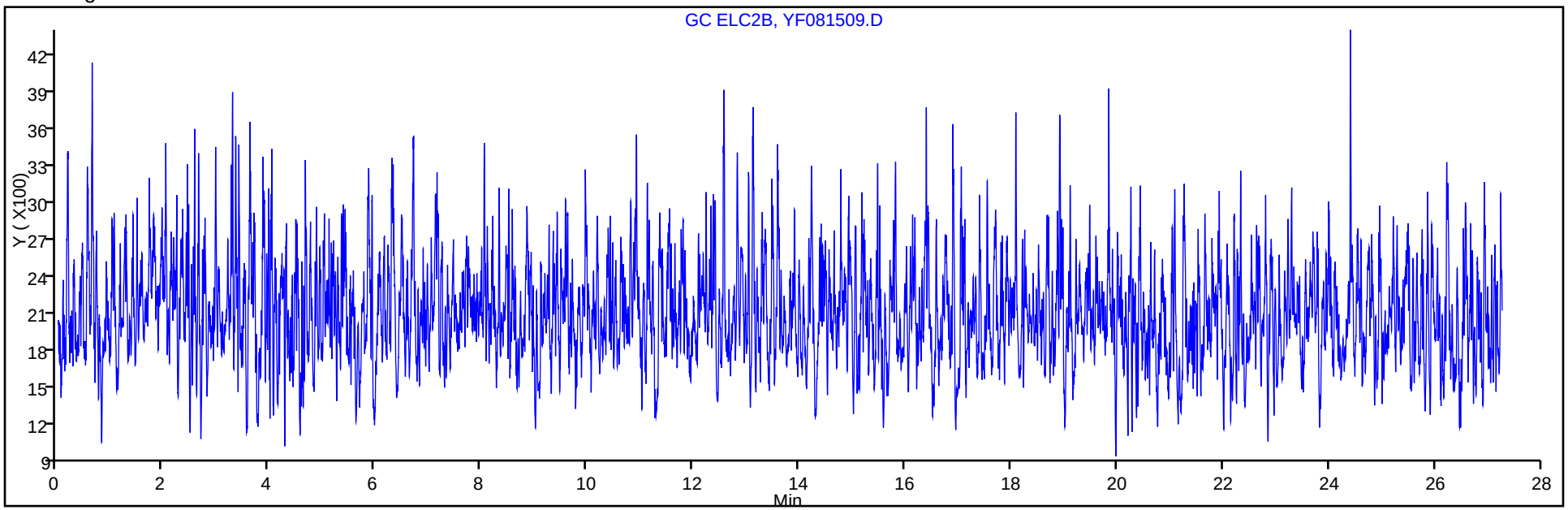
Injection Date: 15-Aug-2012 20:39:09 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

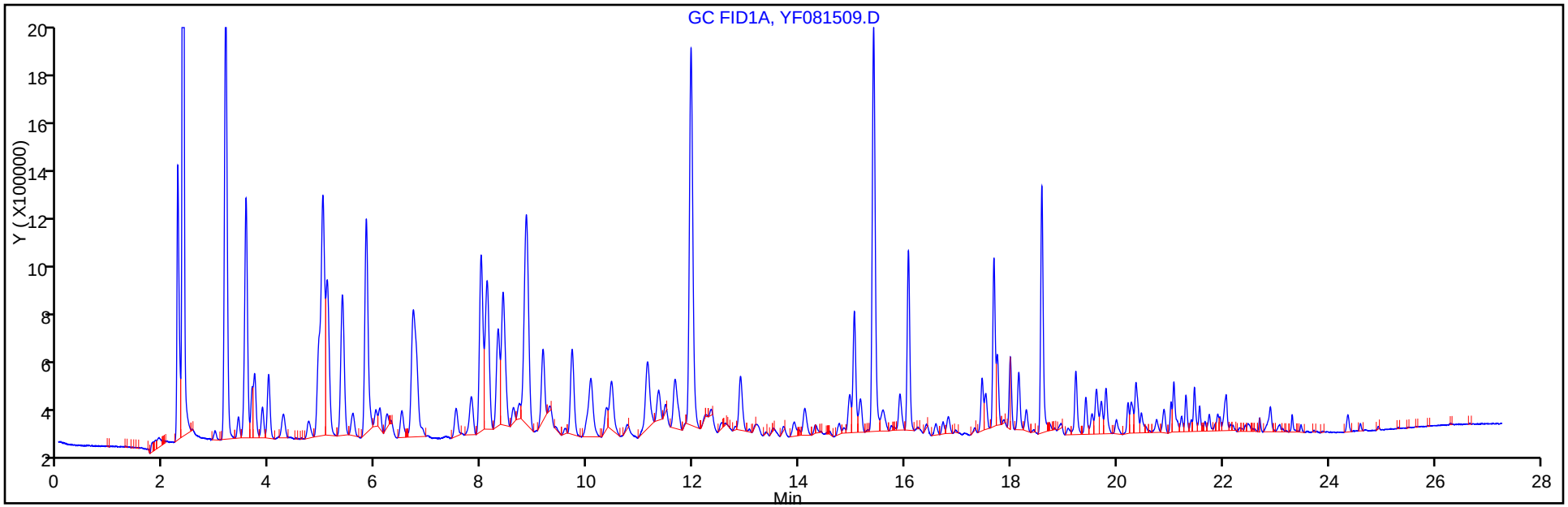
Lims Batch ID: 54511 Lims Sample ID: 9

Operator ID: 1765

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081510.D		
Lims ID:	STD5 GAS	Client ID:	
Inject. Date:	15-Aug-2012 21:19:54	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0012413-010		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	10
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:40	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.711	9.708	0.003	1653764	10.8	
A 5 C6-C10	2	11.760	4.755 -	18.765	141742722	1042.1	
A 1 C6-C12	2	13.426	4.855 -	21.997	160683965	1129.2	

Report Date: 16-Aug-2012 12:49:40 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081510.D

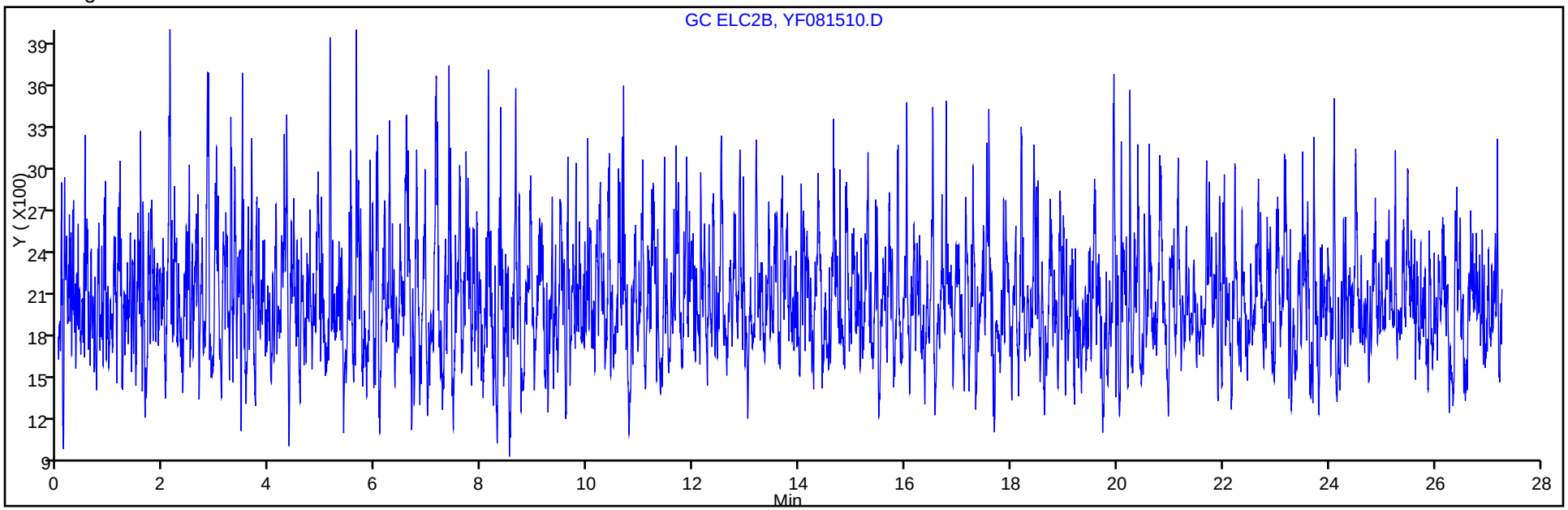
Injection Date: 15-Aug-2012 21:19:54 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

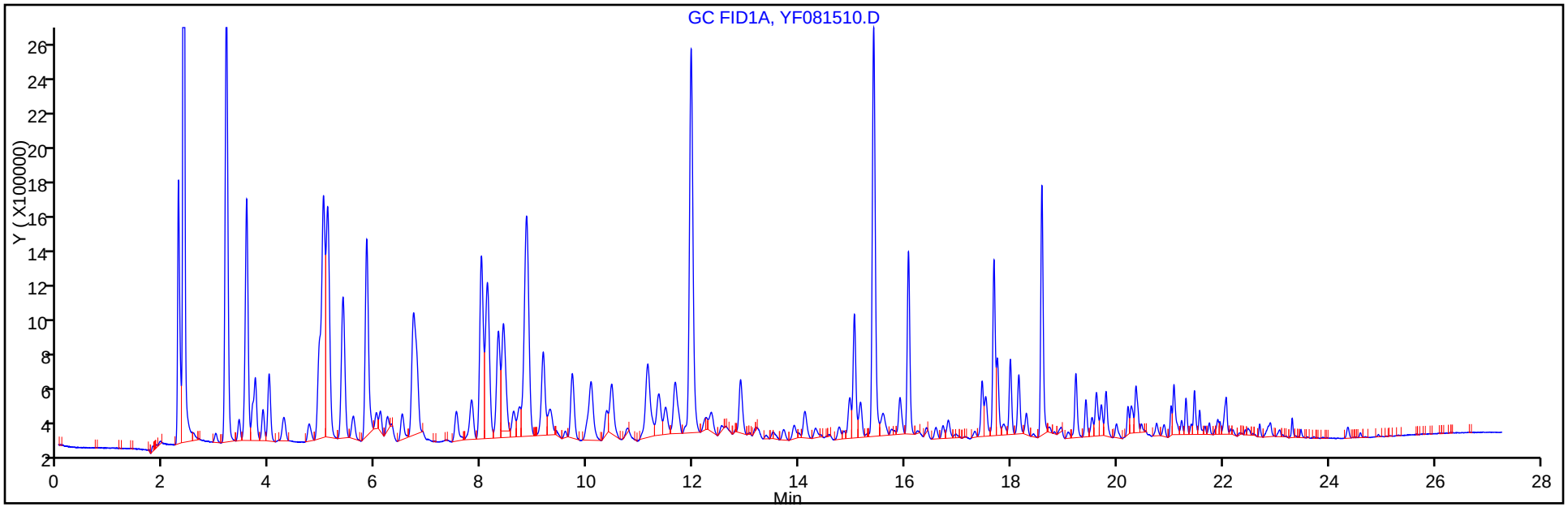
Lims Batch ID: 54511 Lims Sample ID: 10

Operator ID: 1765

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Lims ID:	STD6 GAS	Client ID:	
Inject. Date:	15-Aug-2012 22:00:09	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0012413-011		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	11
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:43	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.712	9.708	0.004	1835973	11.9	
A 5 C6-C10	2	11.760	4.755 -	18.765	206328514	1516.9	
A 1 C6-C12	2	13.426	4.855 -	21.997	233562173	1663.6	

Report Date: 16-Aug-2012 12:49:44 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D

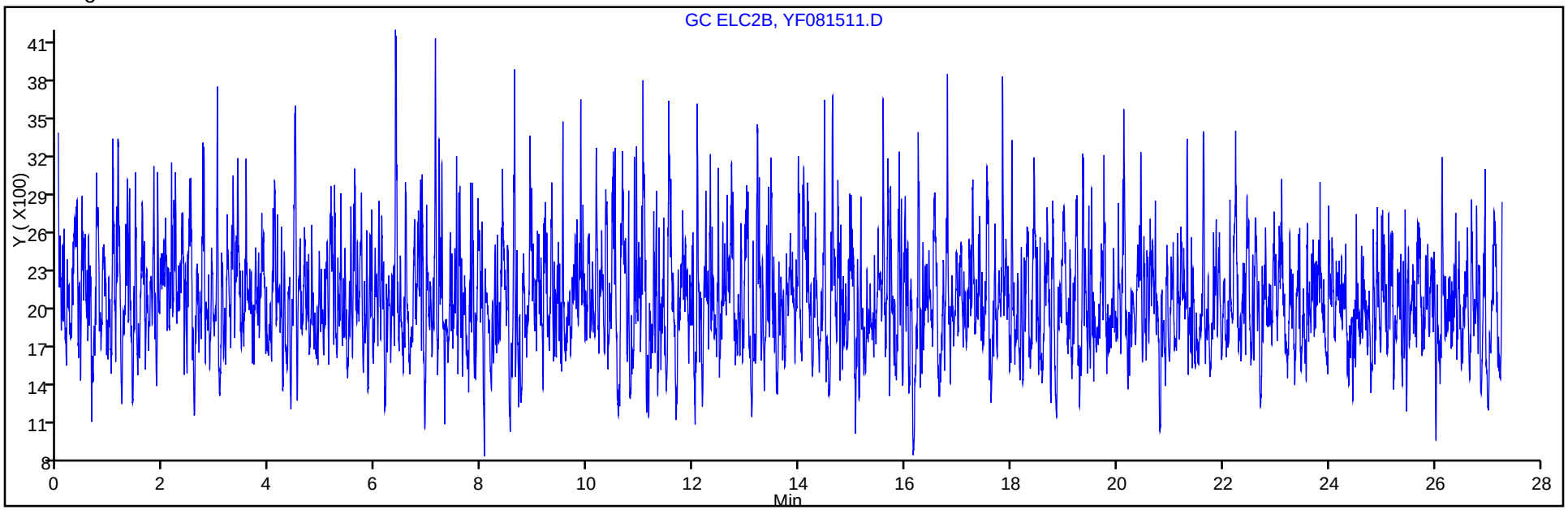
Injection Date: 15-Aug-2012 22:00:09 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

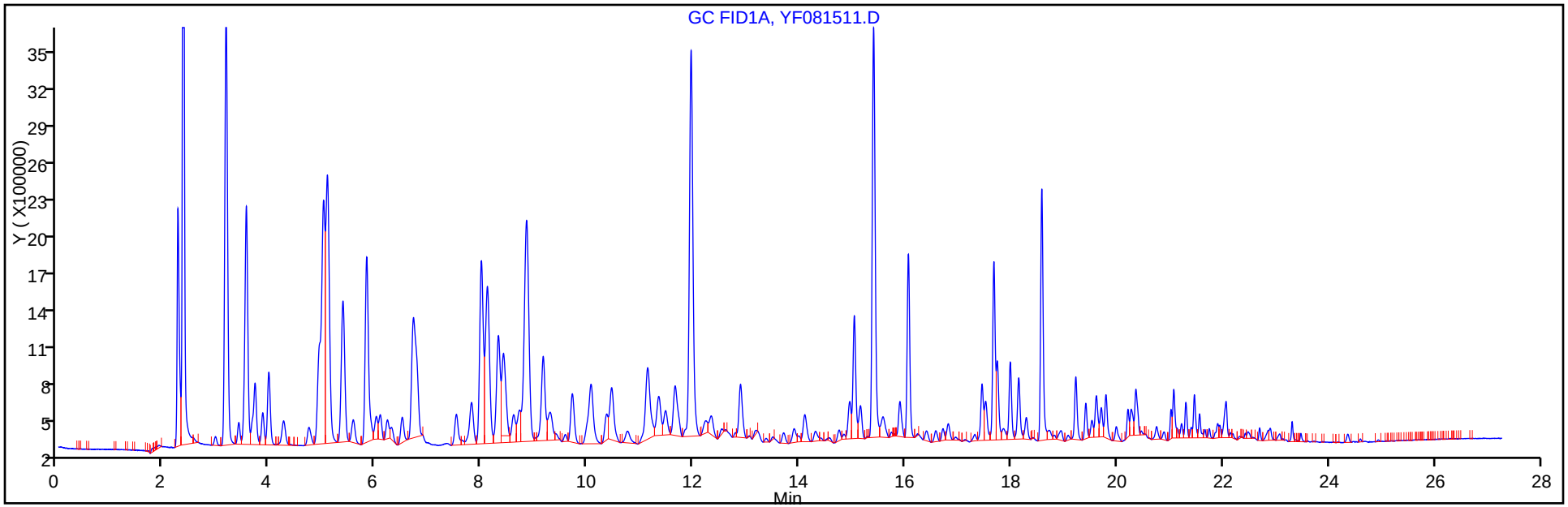
Lims Batch ID: 54511 Lims Sample ID: 11

Operator ID: 1765

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

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-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.: 240-17768-1

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-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

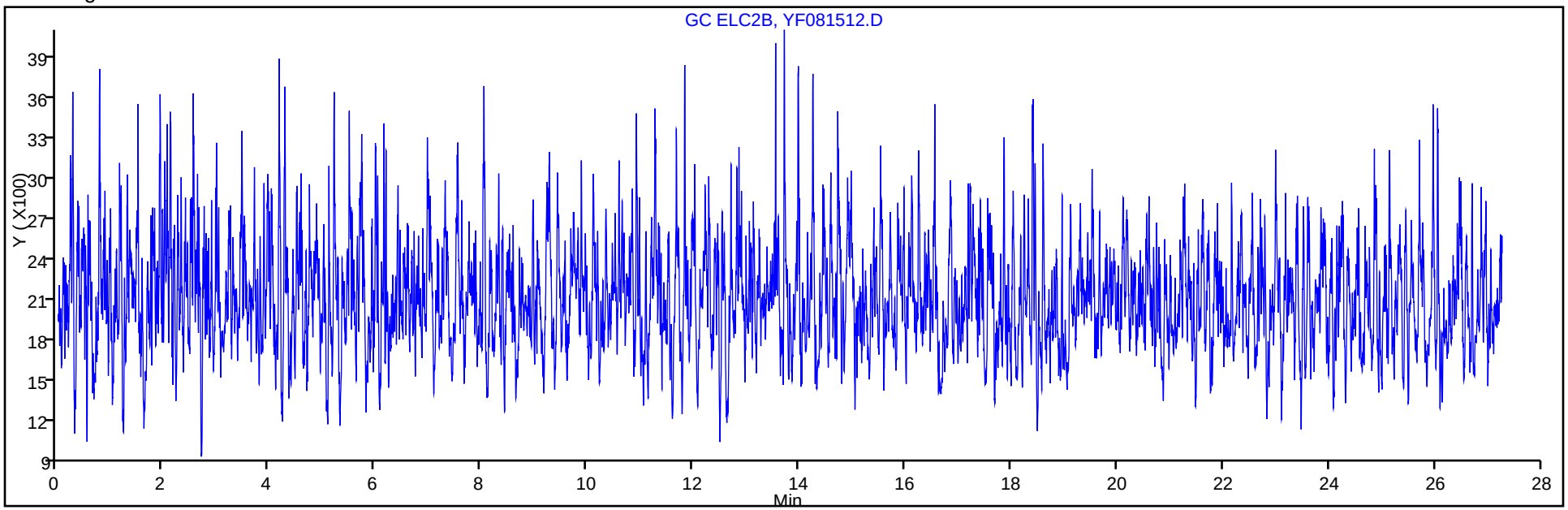
Injection Date: 15-Aug-2012 22:40:41 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

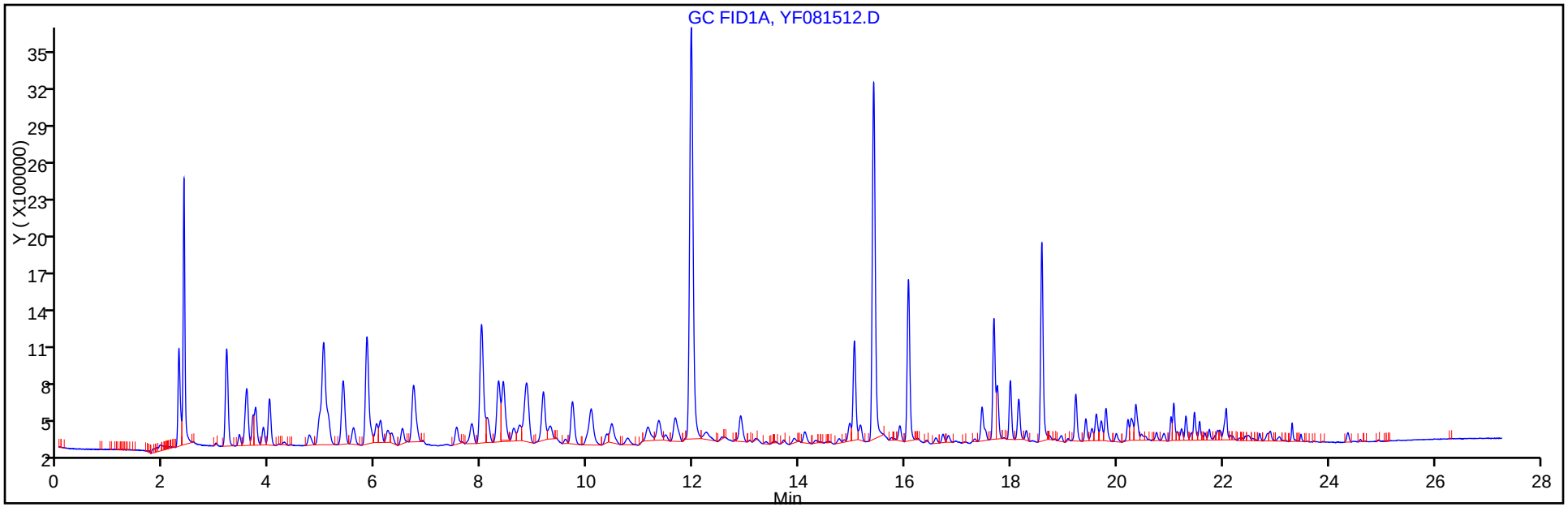
Lims Batch ID: 54511 Lims Sample ID: 12

Operator ID: 1765

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66387/5 Calibration Date: 11/27/2012 12:06

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: YF112705.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-C12	Lin		156807		871	800	8.8	15.0
Trifluorotoluene (Surr)	Ave	153716	137792		8.96	10.0	-10.4	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66387/5 Calibration Date: 11/27/2012 12:06

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: YF112705.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C12	13.41	4.97	21.85
Trifluorotoluene (Surr)	9.75	9.50	10.00

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112705.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	27-Nov-2012 12:06:55	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0015294-005		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	5
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	28-Nov-2012 19:47:59	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:	XAWRK020		

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	9.749	9.749	0.0	1377921	8.96	
A 5 C6-C10	2	11.821	4.871 -	18.771	112658726	828.3	
A 1 C6-C12	2	13.408	4.971 -	21.846	125445580	870.8	

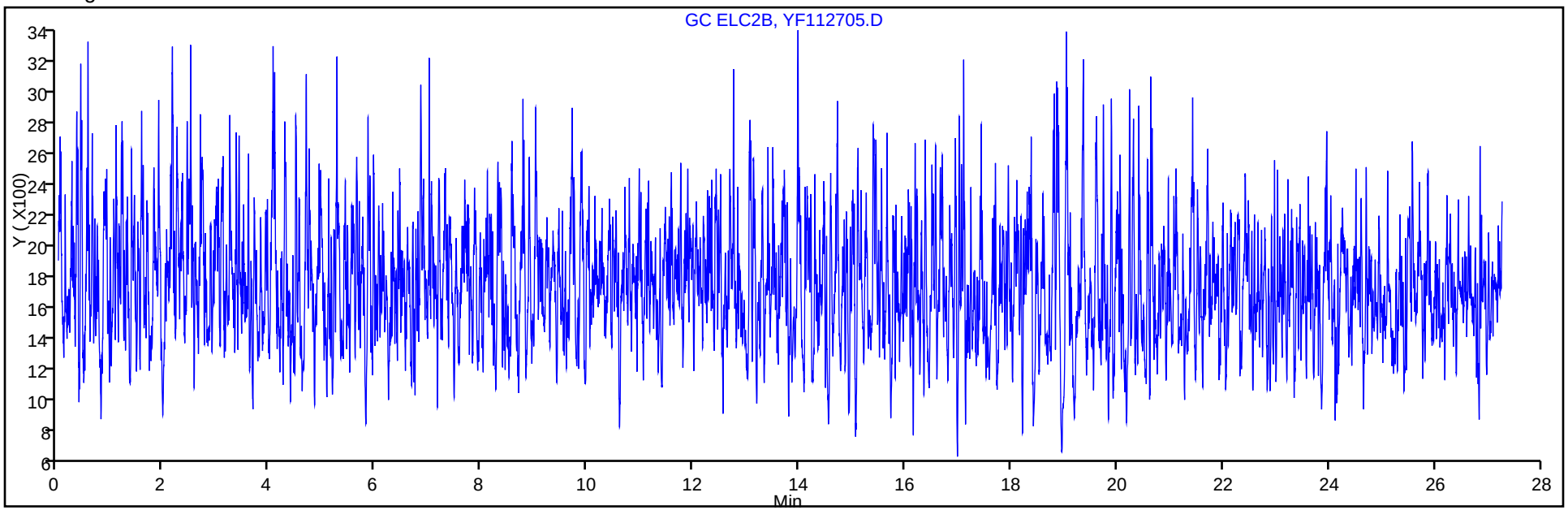
Report Date: 28-Nov-2012 19:47:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

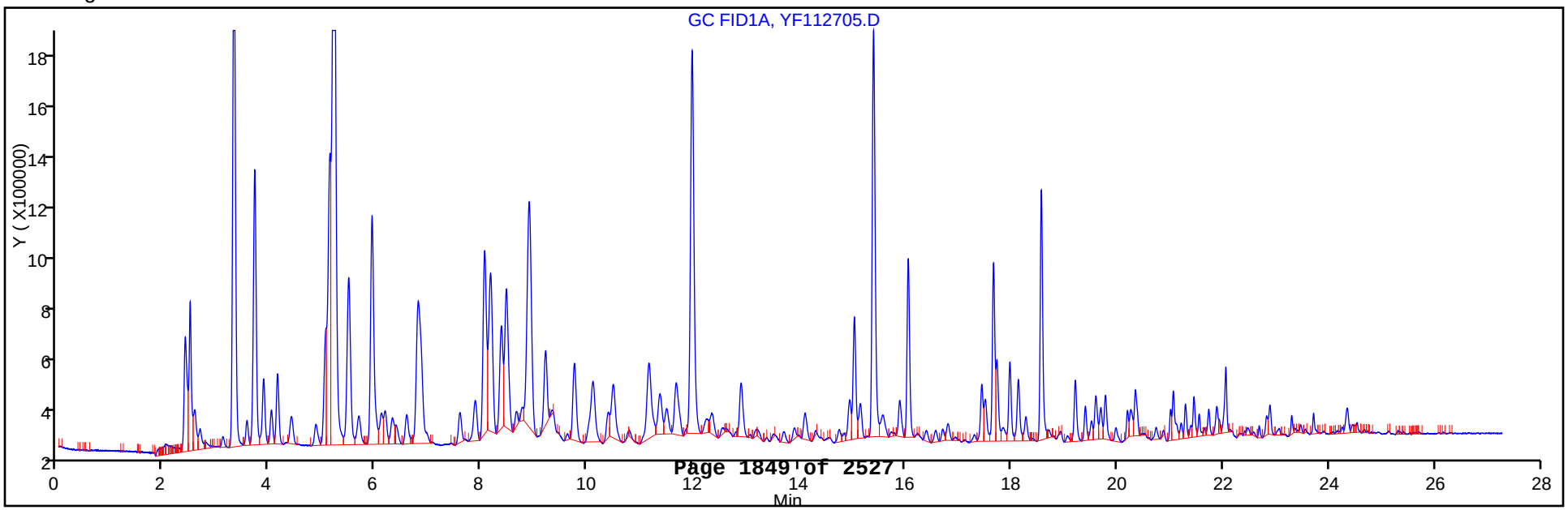
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112705.D

Injection Date:	27-Nov-2012 12:06:55	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66387/18 Calibration Date: 11/27/2012 20:27

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: YF112718.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-C12	Lin		145994		807	800	0.9	15.0

FORM VII

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66387/18 Calibration Date: 11/27/2012 20:27

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: YF112718.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C12	13.41	4.97	21.85

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112718.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	27-Nov-2012 20:27:33	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0015294-018		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	18
Sublist:	chrom-Y80158021*sub3		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	28-Nov-2012 19:48:08	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:	XAWRK020		
First Level Reviewer: bosworthh		Date:	28-Nov-2012 08:17:39

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	
A 5 C6-C10	2	11.821	4.871 -	18.771	104260677	766.5	
A 1 C6-C12	2	13.408	4.971 -	21.846	116795177	807.3	

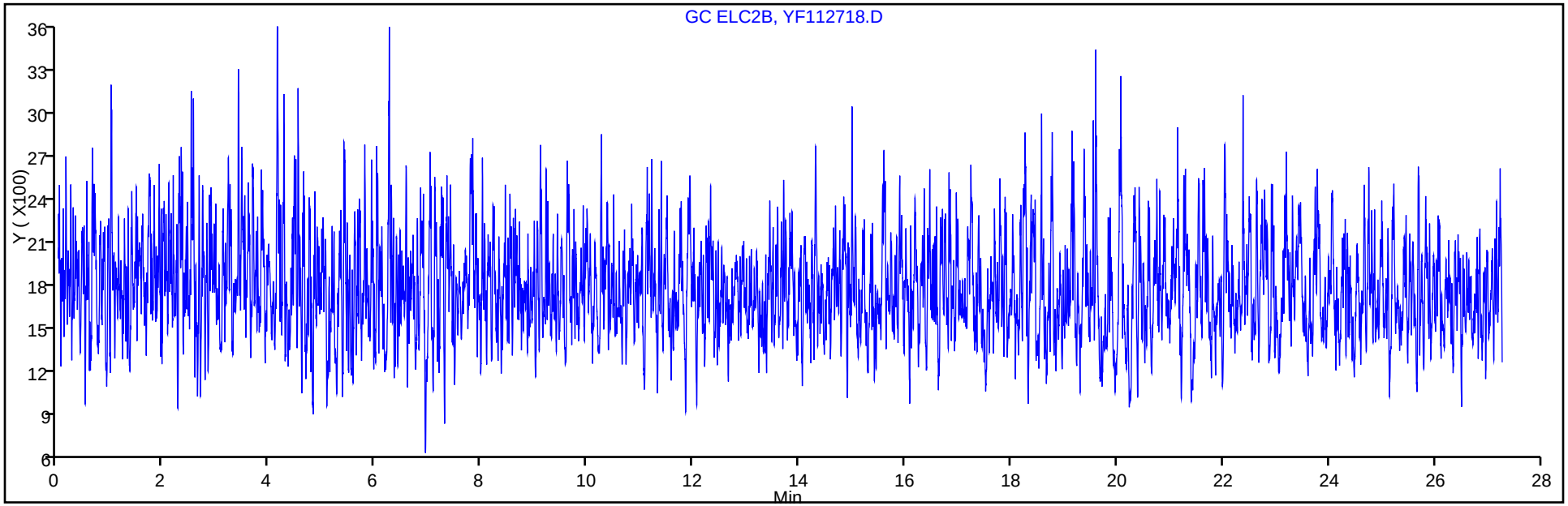
Report Date: 28-Nov-2012 19:48:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

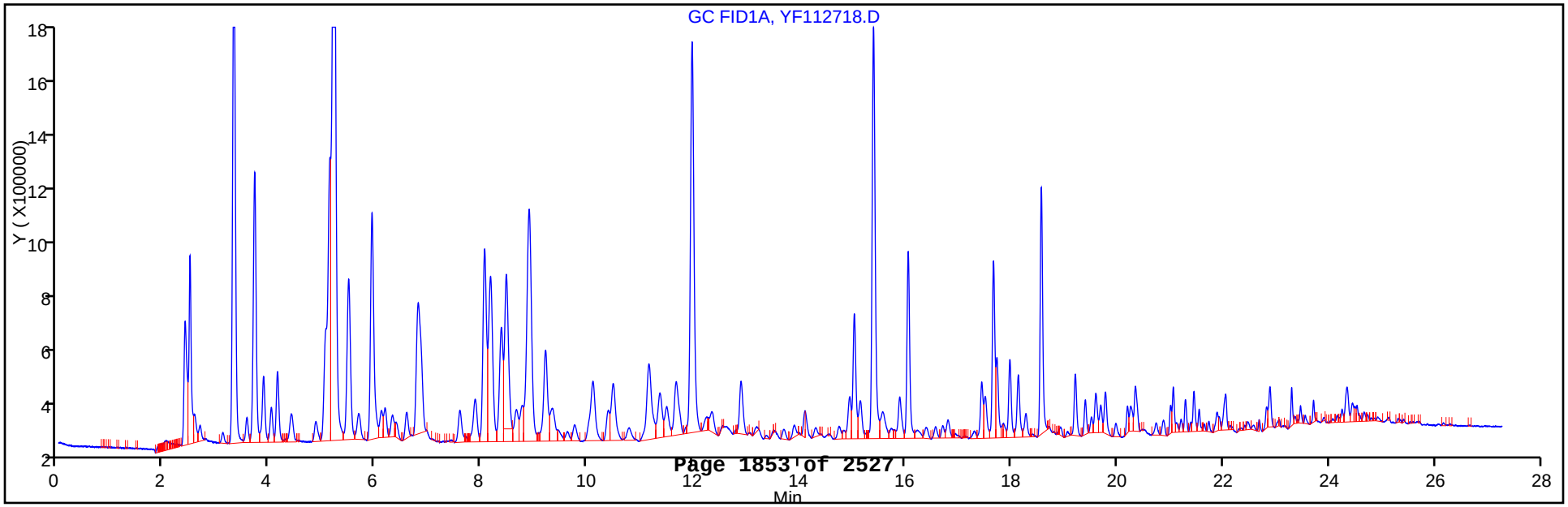
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112718.D

Injection Date:	27-Nov-2012 20:27:33	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	18
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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66387/29 Calibration Date: 11/28/2012 03:31

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: YF112729.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-C12	Lin		137850		760	800	-5.1	15.0
Trifluorotoluene (Surr)	Ave	153716	141568		9.21	10.0	-7.9	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66387/29 Calibration Date: 11/28/2012 03:31

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: YF112729.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C12	13.41	4.97	21.85
Trifluorotoluene (Surr)	9.75	9.50	10.00

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112729.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	28-Nov-2012 03:31:49	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0015294-029		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	29
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	29-Nov-2012 10:28:12	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: bosworthh		Date:	29-Nov-2012 10:28:12

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	9.754	0.0	1415675	9.21	
A 5 C6-C10	2	11.821	4.871 -	18.771	99320533	730.2	
A 1 C6-C12	2	13.408	4.971 -	21.846	110280365	759.6	

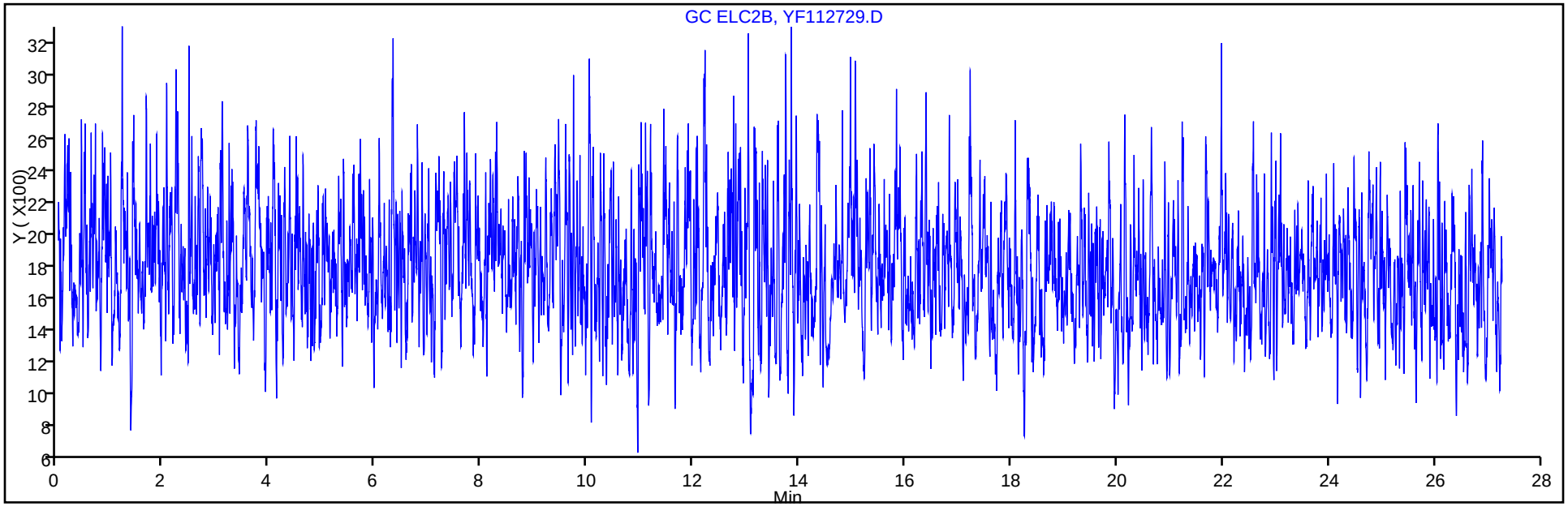
Report Date: 29-Nov-2012 10:28:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

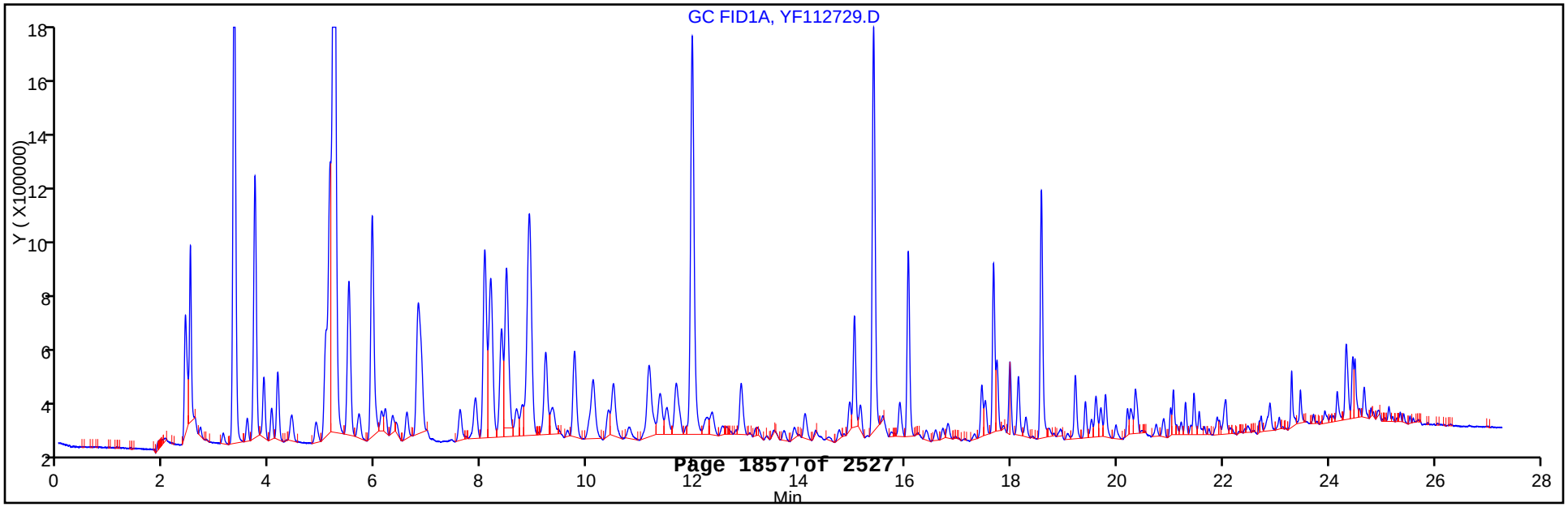
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112729.D

Injection Date:	28-Nov-2012 03:31:49	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	29
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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66387/40 Calibration Date: 11/28/2012 10:36

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: YF112740.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-C12	Lin		142737		788	800	-1.5	15.0
Trifluorotoluene (Surr)	Ave	153716	138763		9.03	10.0	-9.7	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66387/40 Calibration Date: 11/28/2012 10:36

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: YF112740.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C12	13.41	4.97	21.85
Trifluorotoluene (Surr)	9.75	9.50	10.00

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112740.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	28-Nov-2012 10:36:15	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0015294-040		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	40
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	29-Nov-2012 08:33:36	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	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	9.753	9.753	0.0	1387625	9.03	
A 5 C6-C10	2	11.821	4.871 -	18.771	102426737	753.0	
A 1 C6-C12	2	13.408	4.971 -	21.846	114189840	788.2	

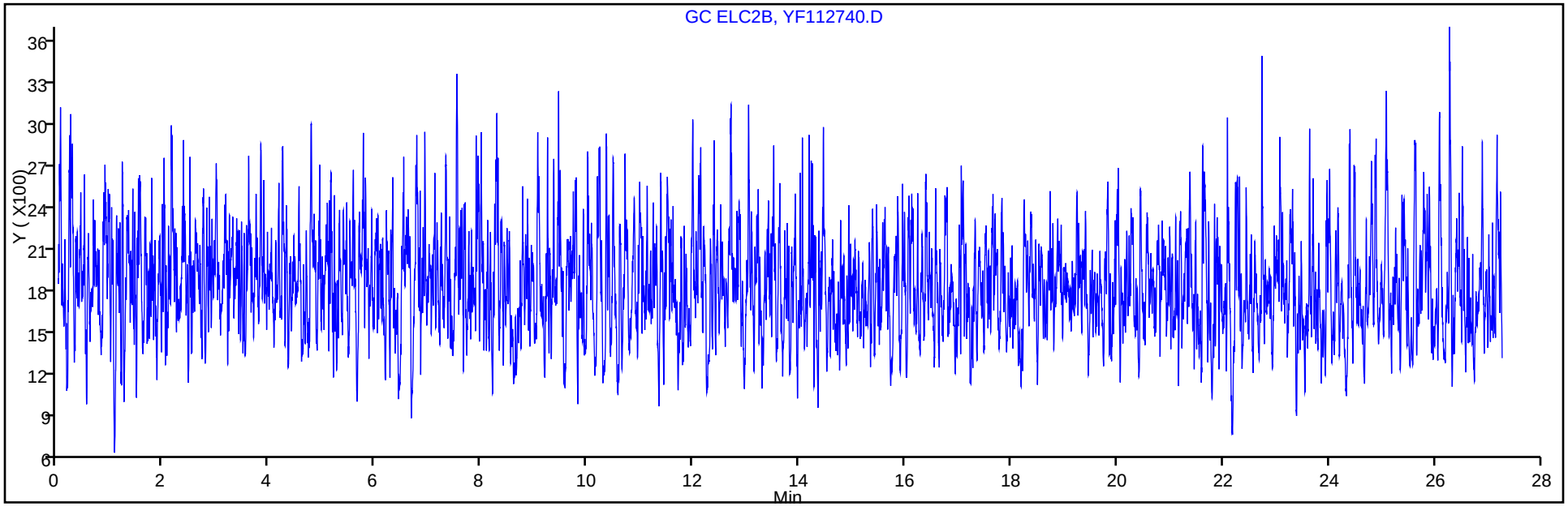
Report Date: 29-Nov-2012 08:33:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

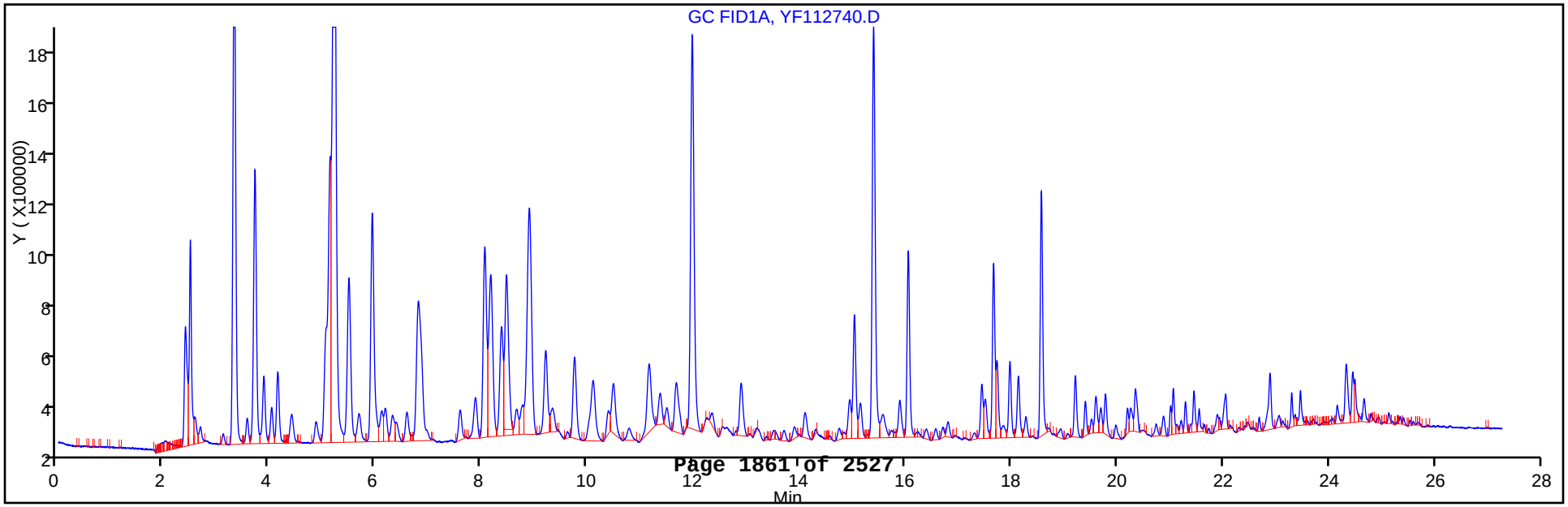
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112740.D

Injection Date:	28-Nov-2012 10:36:15	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	40
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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66387/51 Calibration Date: 11/28/2012 17:53

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: YF112751.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-C12	Lin		147097		814	800	1.7	15.0
Trifluorotoluene (Surr)	Ave	153716	135949		8.84	10.0	-11.6	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66387/51 Calibration Date: 11/28/2012 17:53

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: YF112751.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C12	13.41	4.97	21.85
Trifluorotoluene (Surr)	9.75	9.50	10.00

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112751.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	28-Nov-2012 17:53:32	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0015294-051		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	51
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	29-Nov-2012 08:33:49	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: bosworthh		Date:	28-Nov-2012 19:02:39

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	9.749	9.749	0.0	1359491	8.84	
A 5 C6-C10	2	11.821	4.871 -	18.771	105135220	772.9	
A 1 C6-C12	2	13.408	4.971 -	21.846	117677768	813.8	

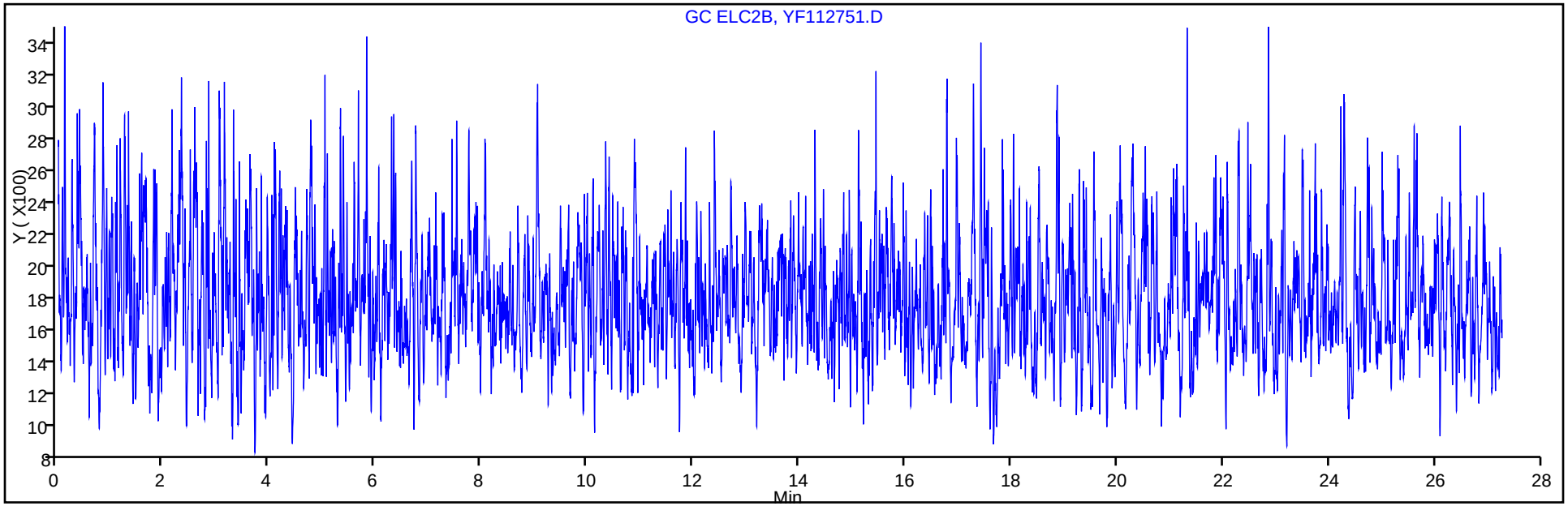
Report Date: 29-Nov-2012 08:33:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

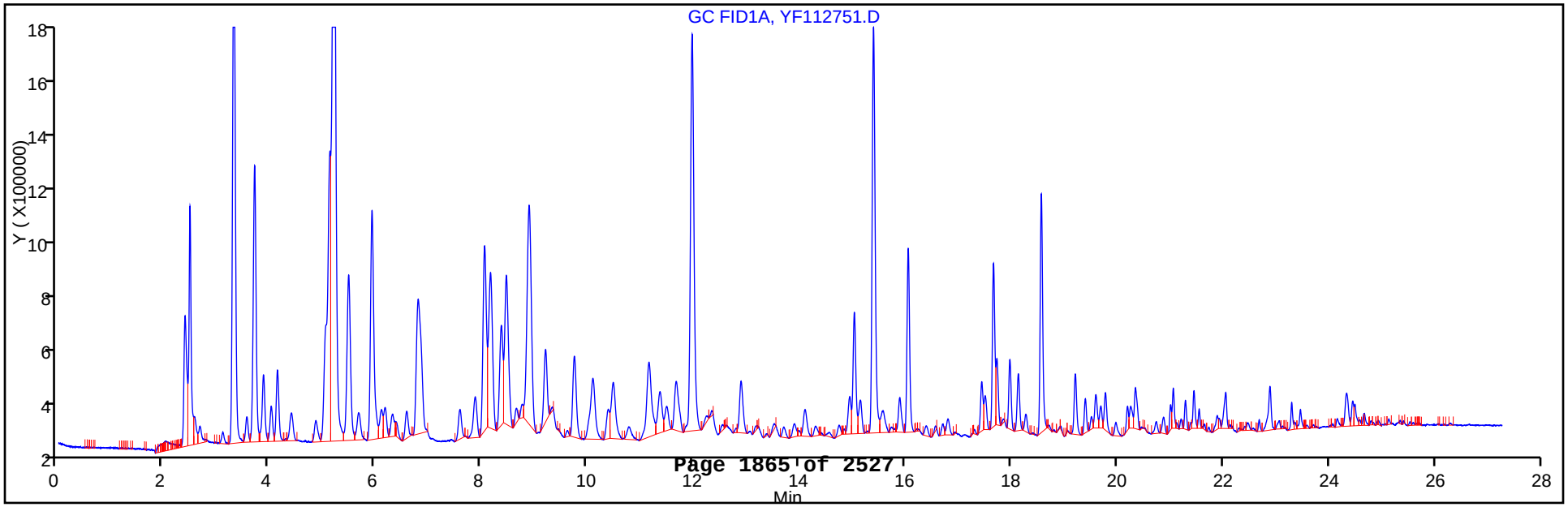
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112751.D

Injection Date:	28-Nov-2012 17:53:32	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	51
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.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66387/60 Calibration Date: 11/28/2012 23:39

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF112760.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-C12	Lin		139828		771	800	-3.6	15.0
Trifluorotoluene (Surr)	Ave	153716	137103		8.92	10.0	-10.8	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: CCV 240-66387/60 Calibration Date: 11/28/2012 23:39

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF112760.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C12	13.41	4.97	21.85
Trifluorotoluene (Surr)	9.75	9.50	10.00

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112760.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	28-Nov-2012 23:39:24	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0015294-060		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	60
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	29-Nov-2012 08:34:01	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: bosworthh		Date:	29-Nov-2012 08:15:14

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	9.751	0.0	1371033	8.92	
A 5 C6-C10	2	11.821	4.871 -	18.771	99093226	728.5	
A 1 C6-C12	2	13.408	4.971 -	21.846	111862417	771.2	

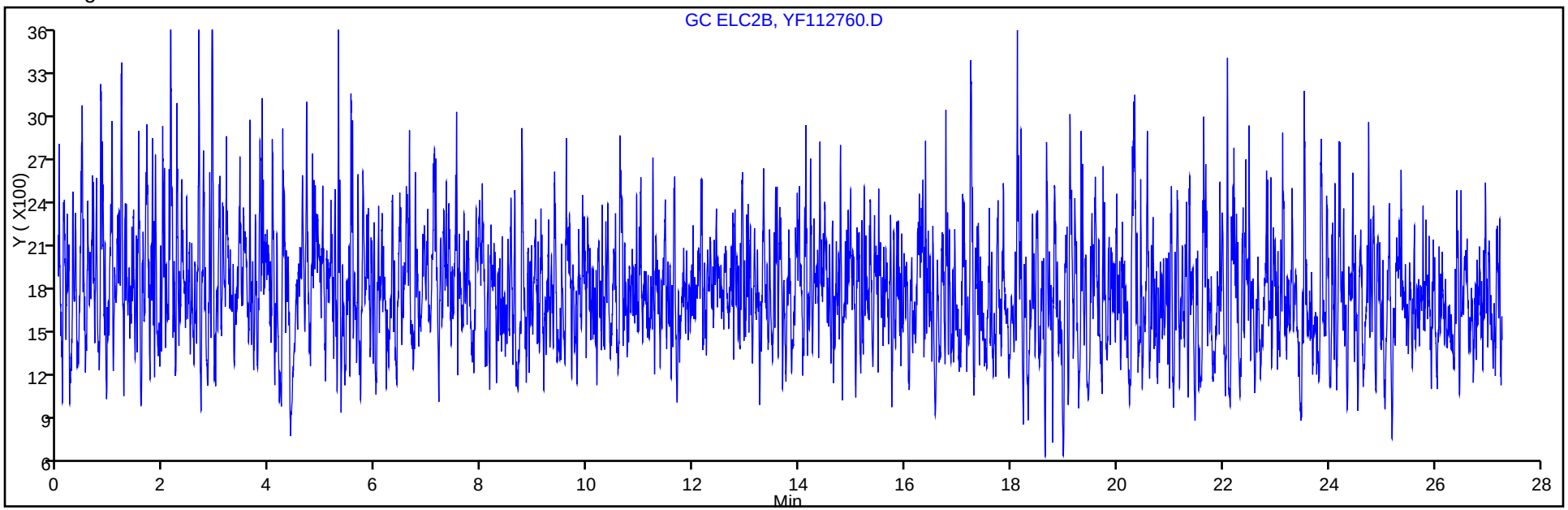
Report Date: 29-Nov-2012 08:34:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

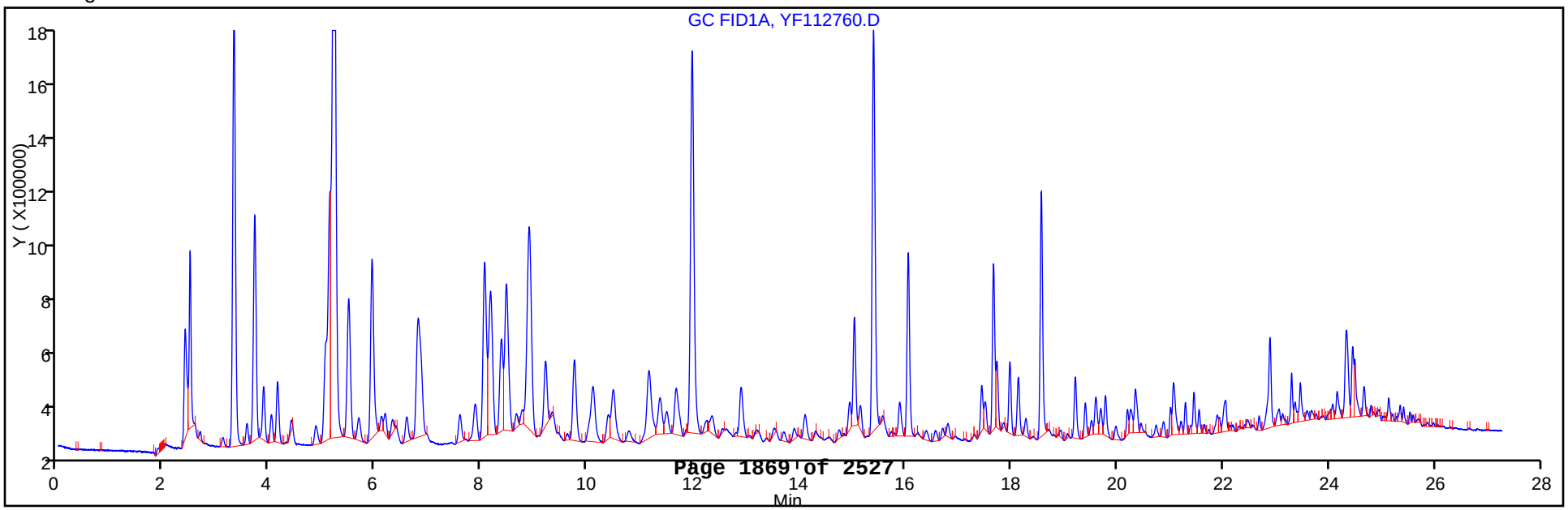
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112760.D

Injection Date:	28-Nov-2012 23:39:24	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	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.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-66321/1-A

Matrix: Solid Lab File ID: YF112720.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5.00(g) Date Analyzed: 11/27/2012 21:43

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.: 66387 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)	77		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112720.D
Lims ID: MB 240-66321/1-A Client ID:
Inject. Date: 27-Nov-2012 21:43:33 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015294-020
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 66387 Lims Sample ID: 20
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m
Last Update: 29-Nov-2012 08:33:09 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
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2		5.131				1
12 Methyl tert-butyl ether	2		5.208				1
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.747	9.751	-0.004	1190470	7.74	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.821	4.871 -	18.771	7686349	56.5	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.408	4.971 -	21.846	10964908	31.3	
A 11 GRO	2	13.631	4.995 -	22.267	14746158	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	21.736	21.740	-0.004	48270	0	
9 Naphthalene	2	22.057	22.060	-0.003	63291	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

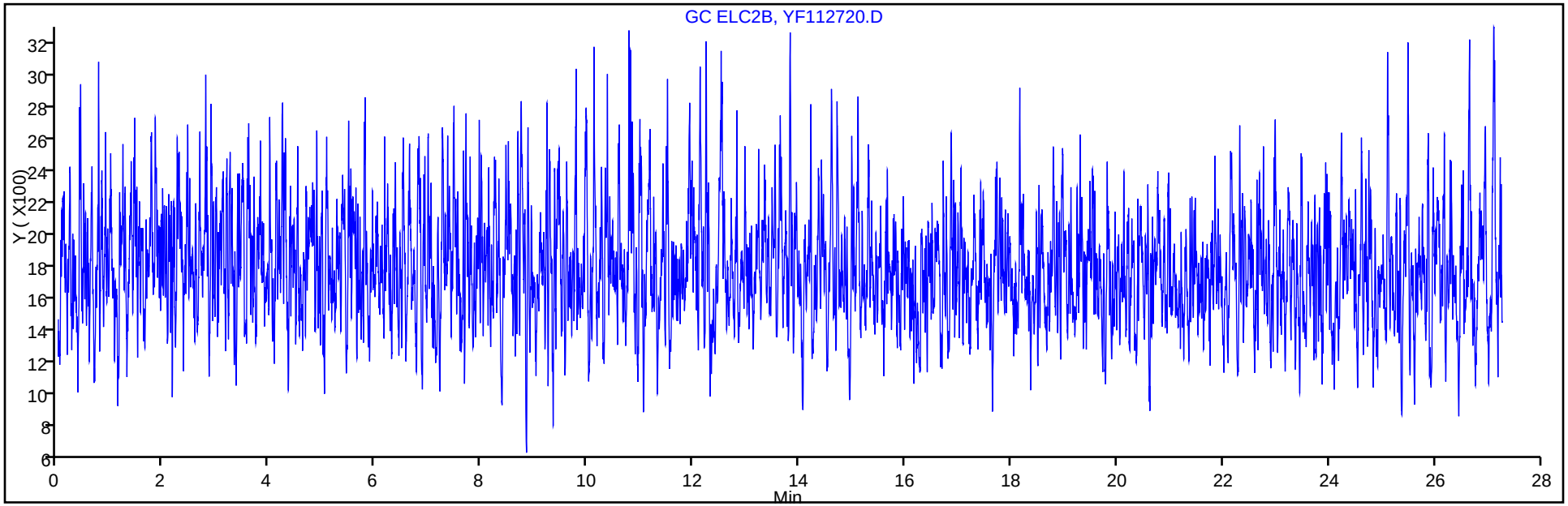
Report Date: 29-Nov-2012 08:33:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

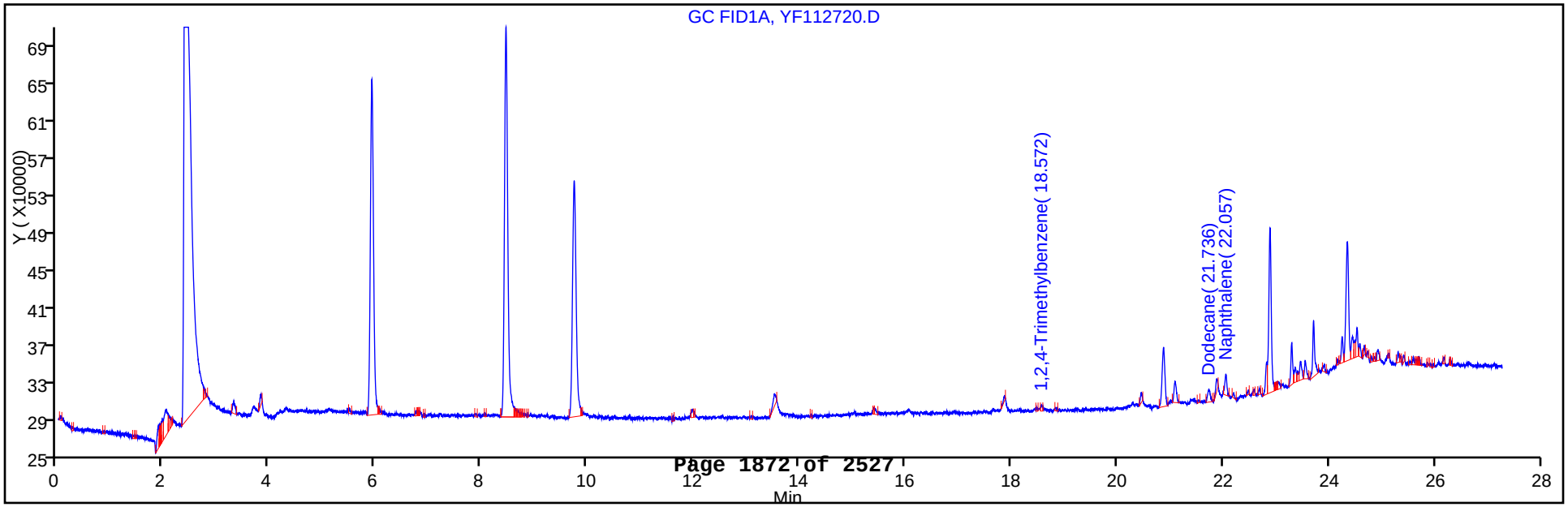
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112720.D

Injection Date:	27-Nov-2012 21:43:33	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	20
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-66387/38

Matrix: Solid Lab File ID: YF112738.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/28/2012 09:18

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.: 66387 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)	76		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112738.D
Lims ID: MB Client ID:
Inject. Date: 28-Nov-2012 09:18:51 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015294-038
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 66387 Lims Sample ID: 38
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m
Last Update: 29-Nov-2012 08:33:22 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
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2		5.131				1
12 Methyl tert-butyl ether	2		5.208				1
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.752	9.751	0.001	1168803	7.60	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.821	4.871 -	18.771	5542404	40.7	
8 Toluene	1		11.964				1
A 1 C6-C12	2		4.971 -	21.846			
A 11 GRO	2	13.631	4.995 -	22.267	13939674	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	21.745	21.740	0.005	15269	0	
9 Naphthalene	2	22.036	22.060	-0.024	21443	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

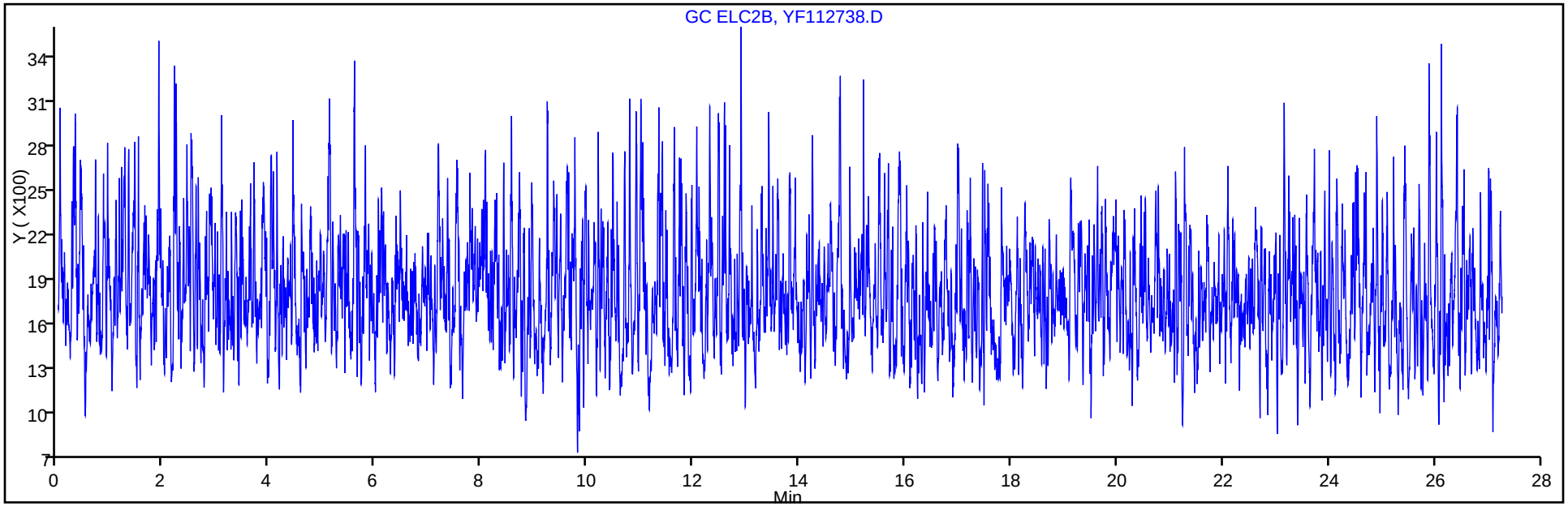
Report Date: 29-Nov-2012 08:33:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

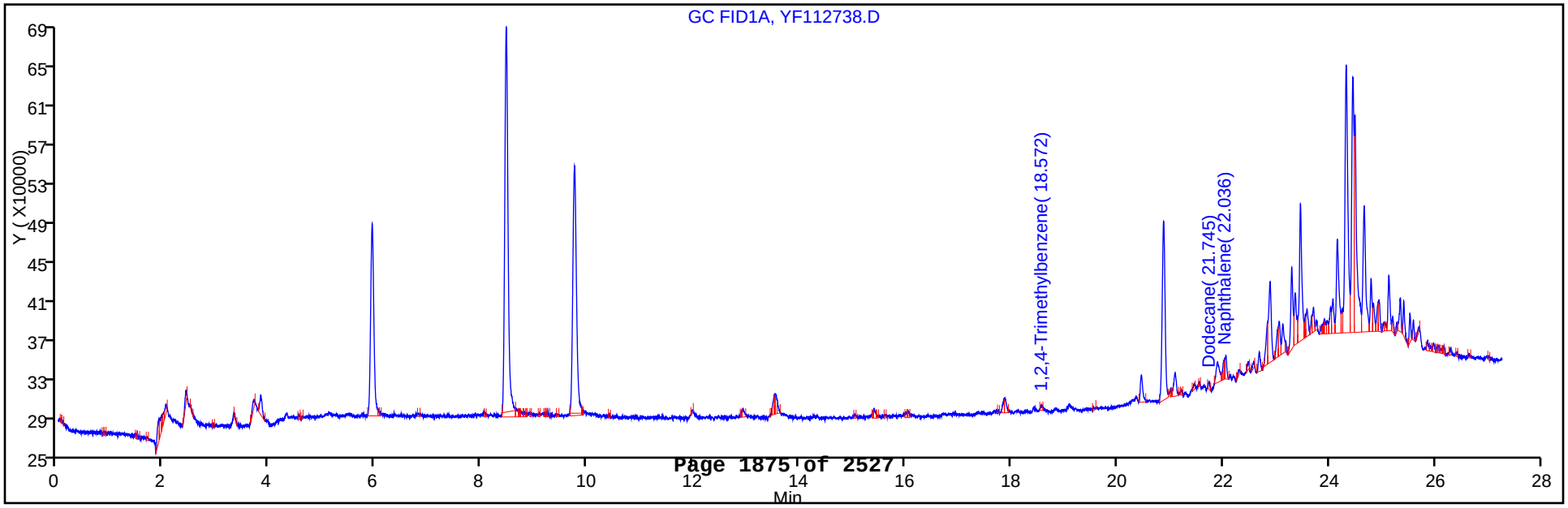
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112738.D

Injection Date:	28-Nov-2012 09:18:51	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	38
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.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-66387/45

Matrix: Water Lab File ID: YF112745.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/28/2012 14:00

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.: 66387 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\20121127-15294.b\YF112745.D
Lims ID: MB Client ID:
Inject. Date: 28-Nov-2012 14:00:38 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015294-045
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 66387 Lims Sample ID: 45
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m
Last Update: 29-Nov-2012 08:33:36 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK035

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	5.121	5.131	-0.010	6872	0	
12 Methyl tert-butyl ether	2	5.074	5.208	-0.134	7837	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.751	9.753	-0.002	1214540	7.90	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.821	4.871 -	18.771	4638930	34.1	
8 Toluene	1		11.964				1
A 1 C6-C12	2		4.971 -	21.846			
A 11 GRO	2	13.631	4.995 -	22.267	11017782	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	21.730	21.740	-0.010	5182	0	
9 Naphthalene	2	22.022	22.060	-0.038	7698	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

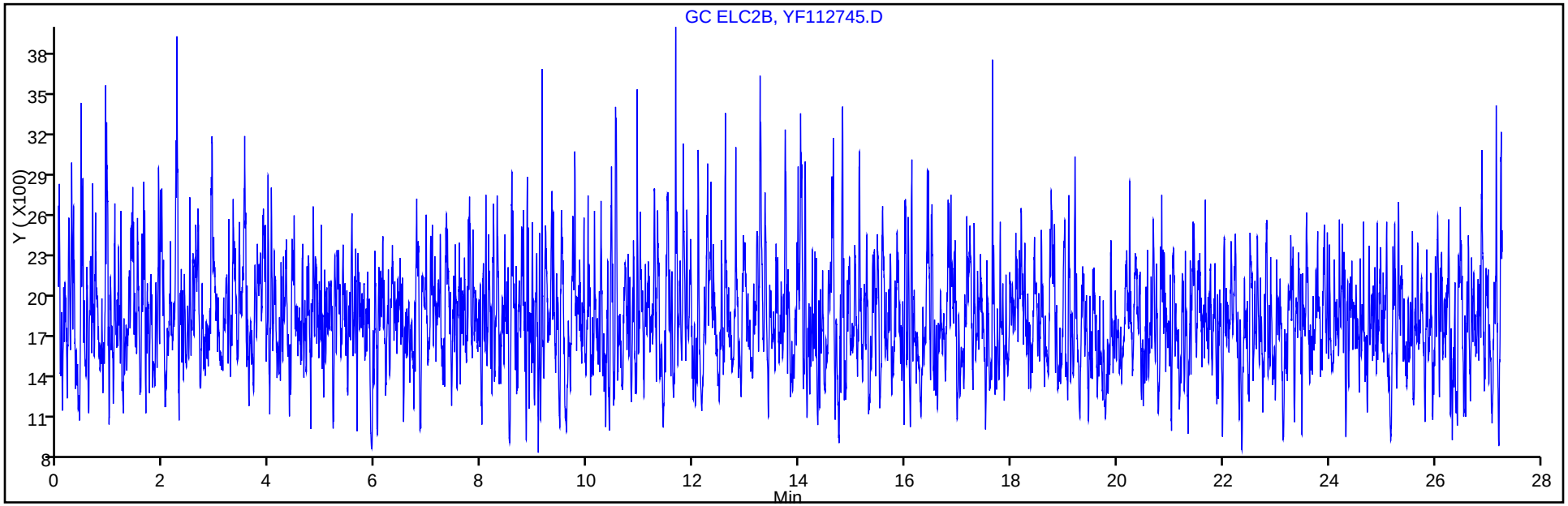
Report Date: 29-Nov-2012 08:33:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

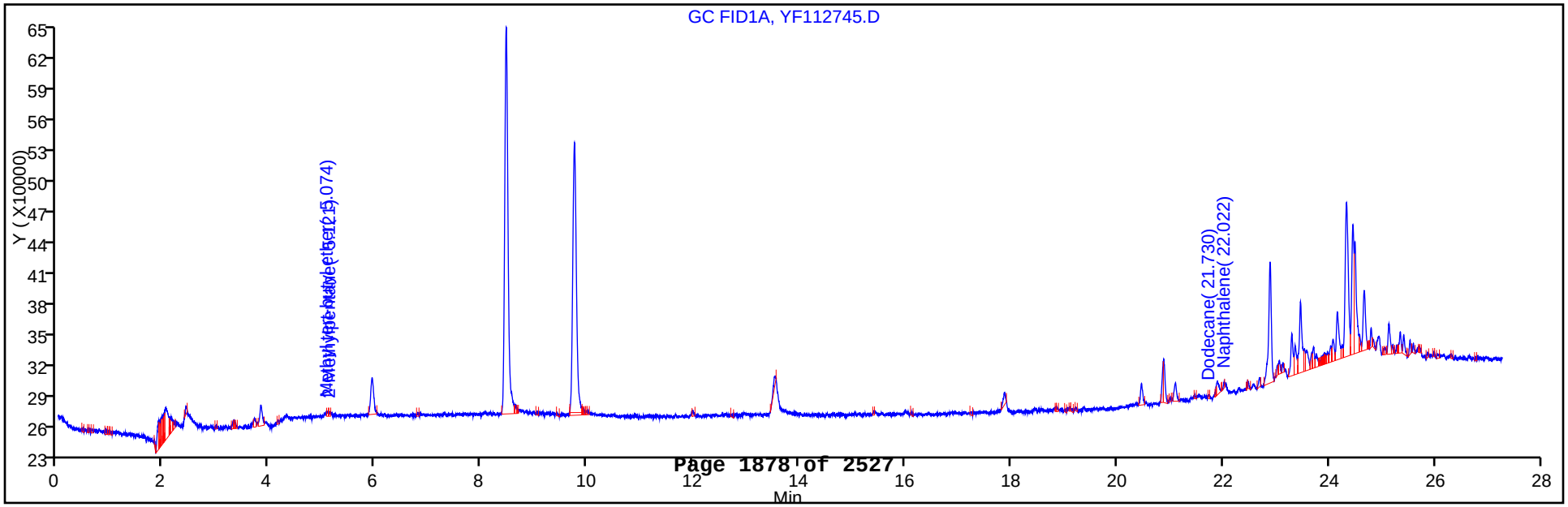
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112745.D

Injection Date:	28-Nov-2012 14:00:38	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	45
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-66321/2-A

Matrix: Solid Lab File ID: YF112721.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5.00(g) Date Analyzed: 11/27/2012 22:23

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.: 66387 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	43400		5000	2500	1700

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	92		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112721.D
Lims ID: LCS 240-66321/2-A Client ID:
Inject. Date: 27-Nov-2012 22:23:02 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015294-021
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 66387 Lims Sample ID: 21
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m
Last Update: 29-Nov-2012 08:33:09 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	9.751	9.751	0.0	1420800	9.24	
A 5 C6-C10	2	11.821	4.871 -	18.771	109999526	808.7	
A 1 C6-C12	2	13.408	4.971 -	21.846	125190916	868.9	

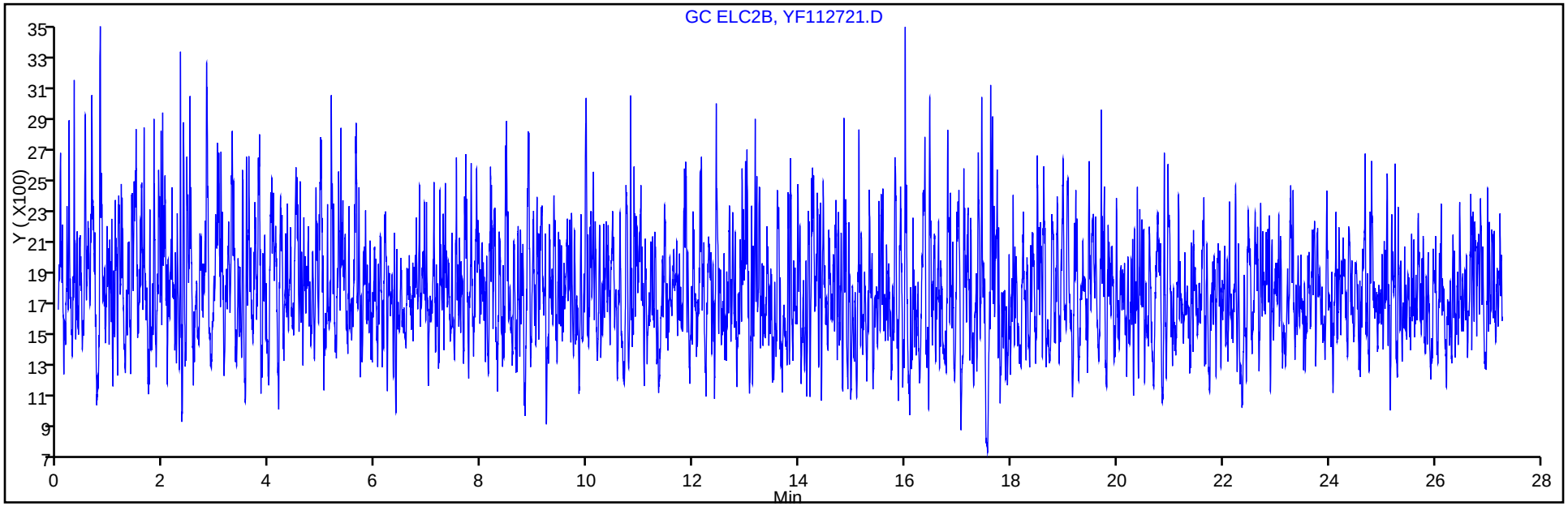
Report Date: 29-Nov-2012 08:33:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

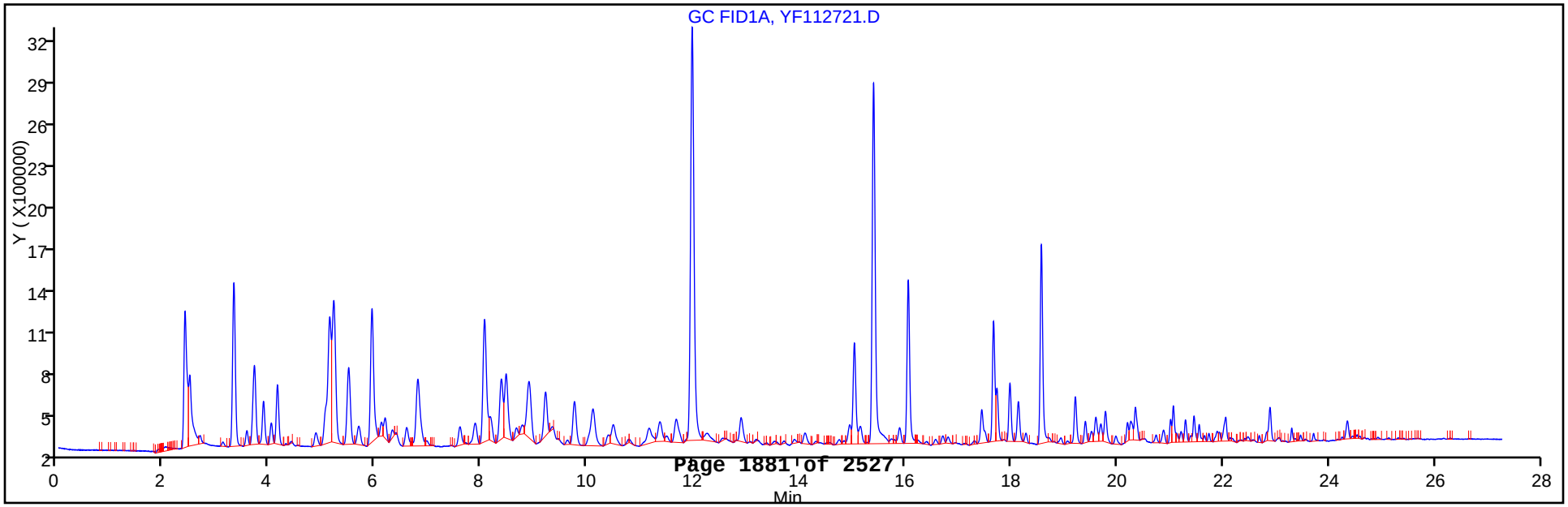
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112721.D

Injection Date:	27-Nov-2012 22:23:02	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	21
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.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-66387/39

Matrix: Solid Lab File ID: YF112739.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/28/2012 09:58

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.: 66387 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	825		100	50	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	88		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112739.D		
Lims ID:	LCS	Client ID:	
Inject. Date:	28-Nov-2012 09:58:21	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	240-0015294-039		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	39
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	29-Nov-2012 08:33:22	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	9.751	9.751	0.0	1358995	8.84	
A 5 C6-C10	2	11.821	4.871 -	18.771	102037876	750.2	
A 1 C6-C12	2	13.408	4.971 -	21.846	119167810	824.7	

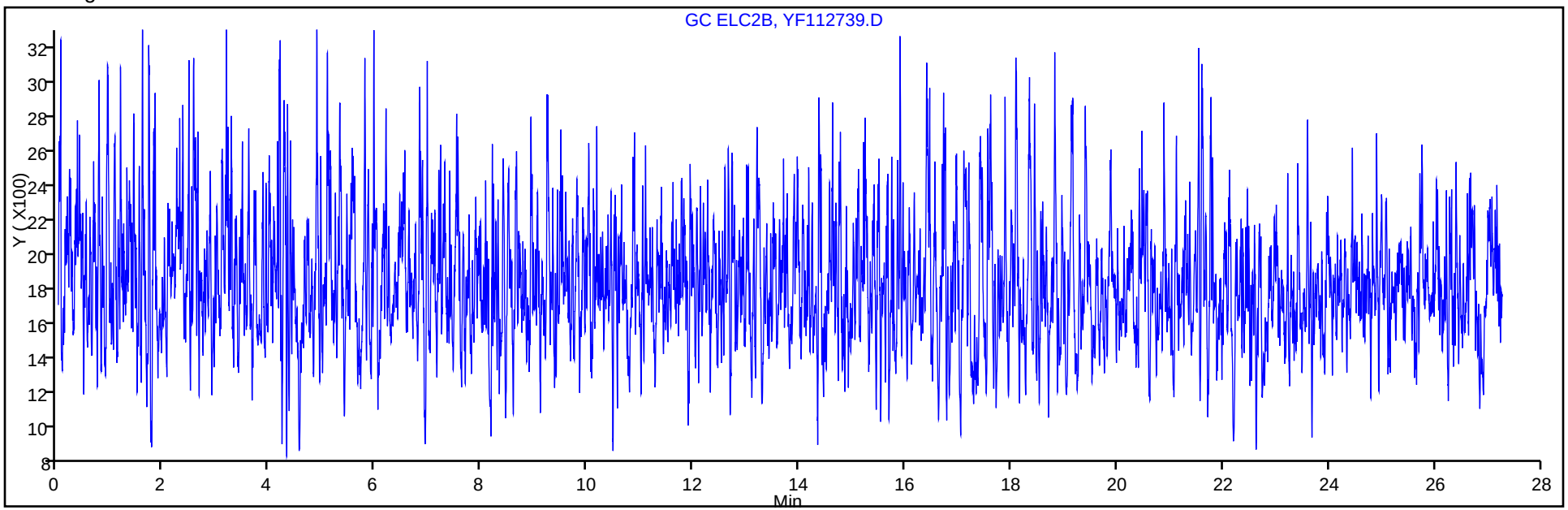
Report Date: 29-Nov-2012 08:33:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

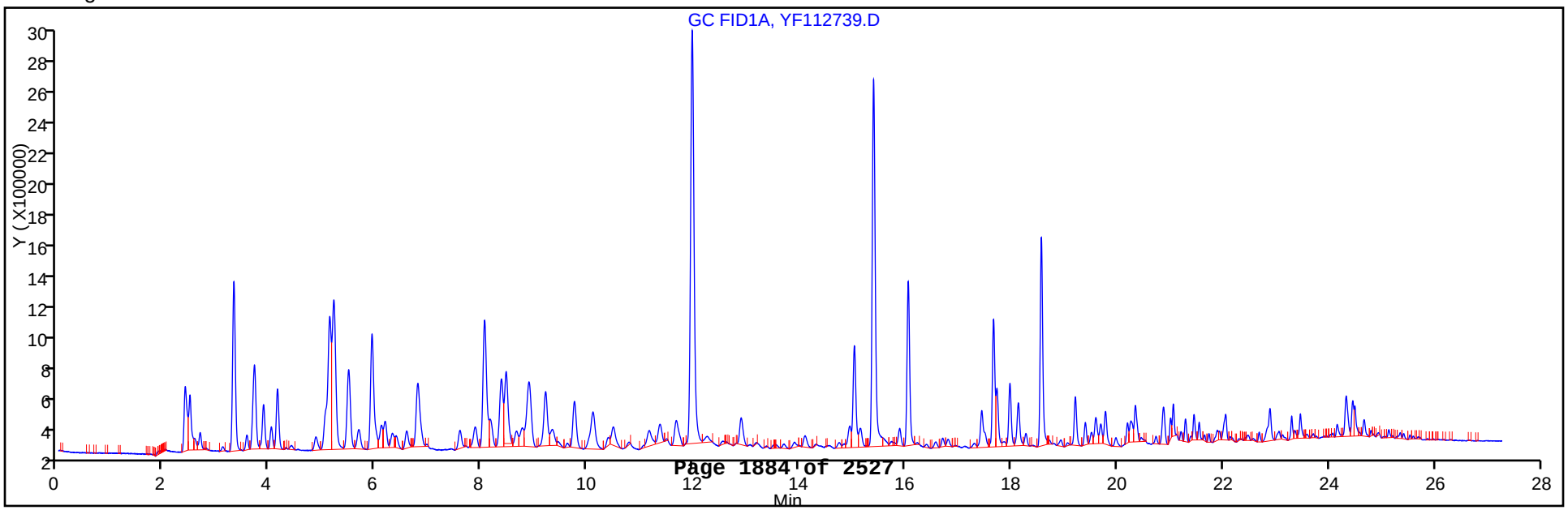
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112739.D

Injection Date:	28-Nov-2012 09:58:21	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	39
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.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-66387/46

Matrix: Water Lab File ID: YF112746.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/28/2012 14:38

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.: 66387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	885		100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	87		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121127-15294.b\YF112746.D		
Lims ID:	LCS	Client ID:	
Inject. Date:	28-Nov-2012 14:38:42	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	240-0015294-046		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	66387	Lims Sample ID:	46
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m		
Last Update:	29-Nov-2012 08:33:36	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		
First Level Reviewer: bosworthh		Date:	28-Nov-2012 16:12:10

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	9.750	9.753	-0.003	1332394	8.67	
A 5 C6-C10	2	11.821	4.871 -	18.771	111352079	818.6	
A 1 C6-C12	2	13.408	4.971 -	21.846	127394408	885.1	

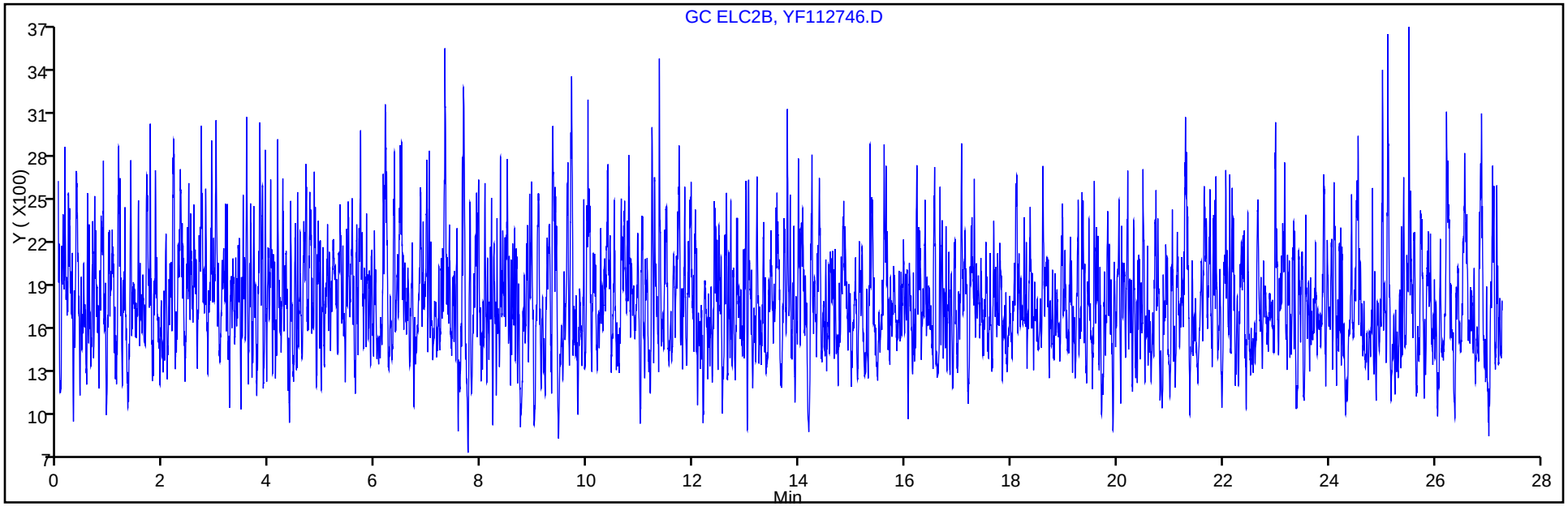
Report Date: 29-Nov-2012 08:33:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

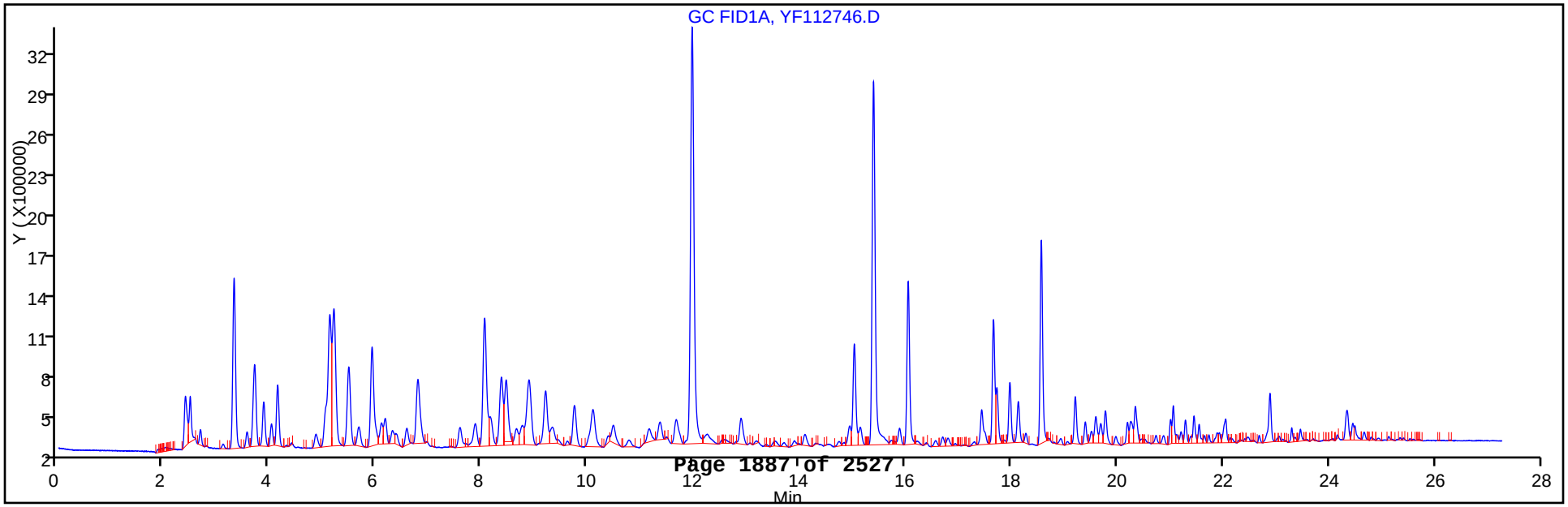
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112746.D

Injection Date:	28-Nov-2012 14:38:42	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	46
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.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-66387/19

Matrix: Solid Lab File ID: YF112719.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/27/2012 21:05

Soil Aliquot Vol: 5 (mL) Dilution Factor: 1

Soil Extract Vol.: 5(mL) GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 66387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	111		100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112719.D
Lims ID: MRL Client ID:
Inject. Date: 27-Nov-2012 21:05:32 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015294-019
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 66387 Lims Sample ID: 19
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m
Last Update: 29-Nov-2012 08:33:09 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
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.128	5.131	-0.003	417452	0	
12 Methyl tert-butyl ether	2	5.208	5.208	0.0	1537021	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2		9.751				
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.821	4.871 -	18.771	17812870	131.0	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.408	4.971 -	21.846	21792035	110.7	
A 11 GRO	2	13.631	4.995 -	22.267	24655192	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	21.731	21.740	-0.009	47361	0	
9 Naphthalene	2	22.057	22.060	-0.003	214638	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

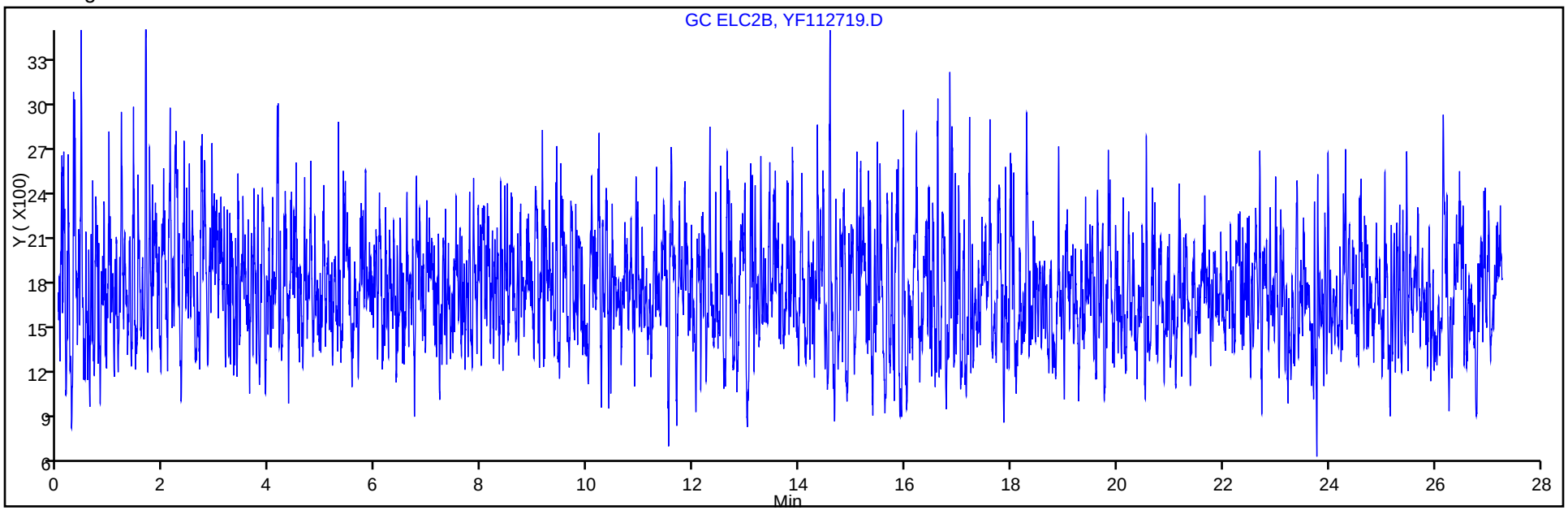
Report Date: 29-Nov-2012 08:33:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

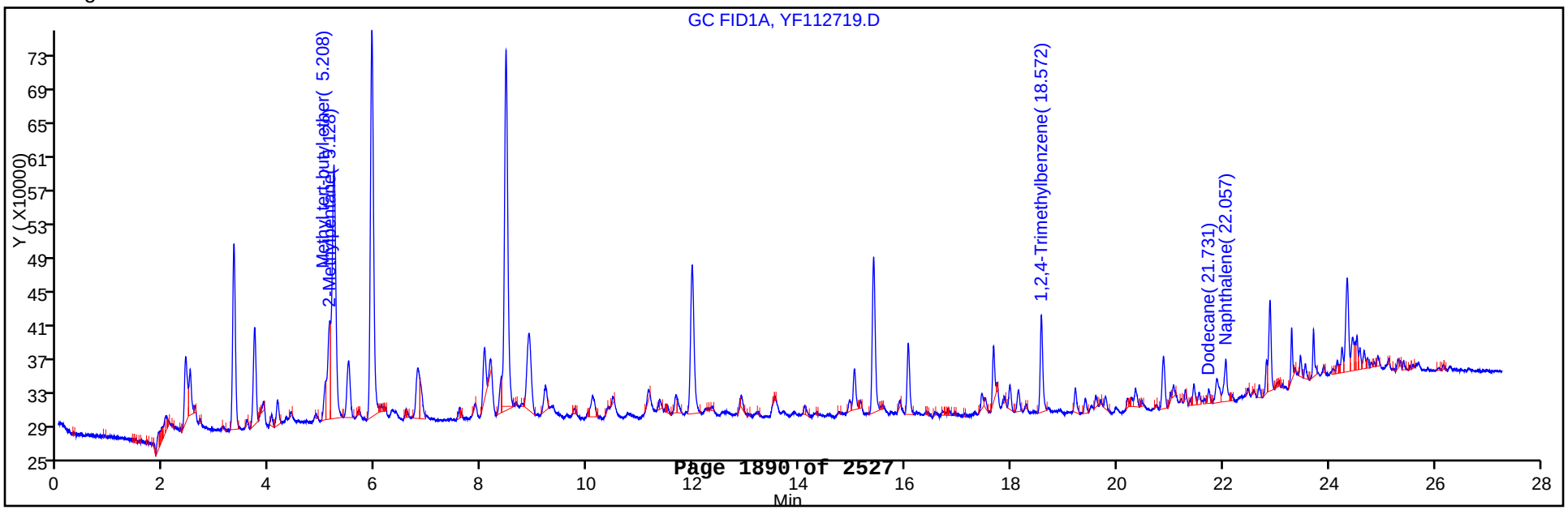
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112719.D

Injection Date:	27-Nov-2012 21:05:32	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	19
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-66387/30

Matrix: Solid Lab File ID: YF112730.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/28/2012 04:10

Soil Aliquot Vol: 5 (mL) Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 66387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	114		100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	77		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112730.D
Lims ID: MRL Client ID:
Inject. Date: 28-Nov-2012 04:10:36 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015294-030
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 66387 Lims Sample ID: 30
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m
Last Update: 29-Nov-2012 10:31:06 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
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.123	5.131	-0.008	494579	0	
12 Methyl tert-butyl ether	2	5.203	5.208	-0.005	1655438	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.746	9.754	-0.008	1189489	7.74	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.821	4.871 -	18.771	17877840	131.4	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.408	4.971 -	21.846	22306912	114.4	
A 11 GRO	2	13.631	4.995 -	22.267	26214903	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.741	21.740	0.001	19400	0	
9 Naphthalene	2	22.058	22.060	-0.002	141298	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

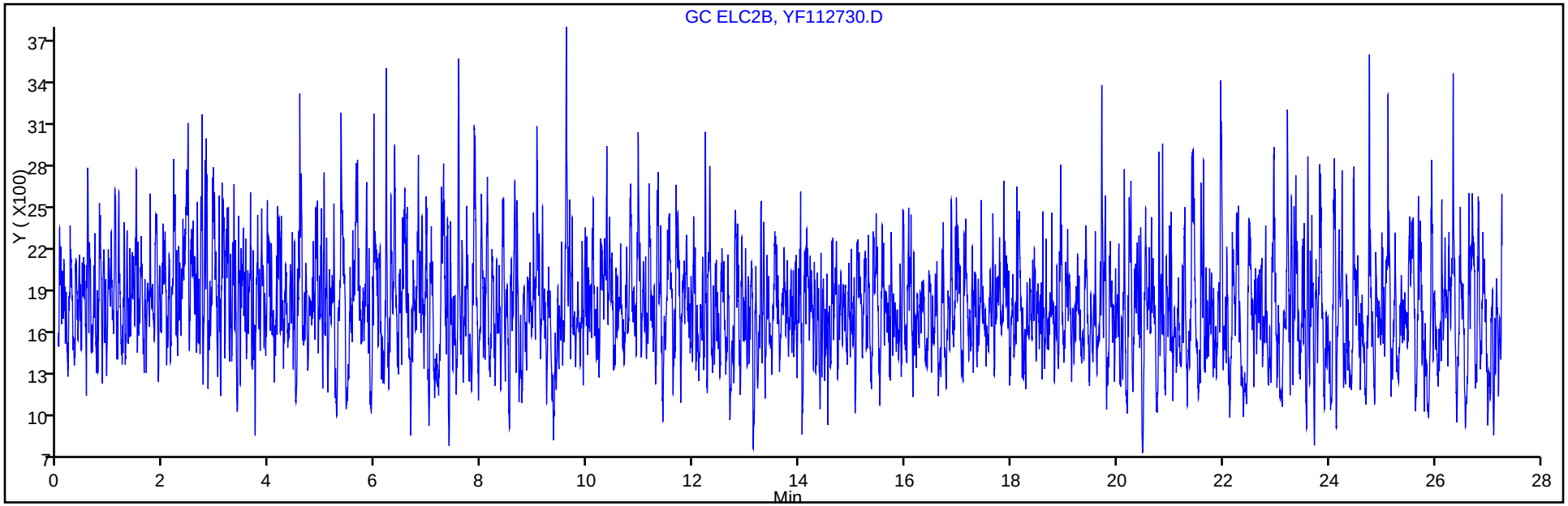
Report Date: 29-Nov-2012 10:31:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

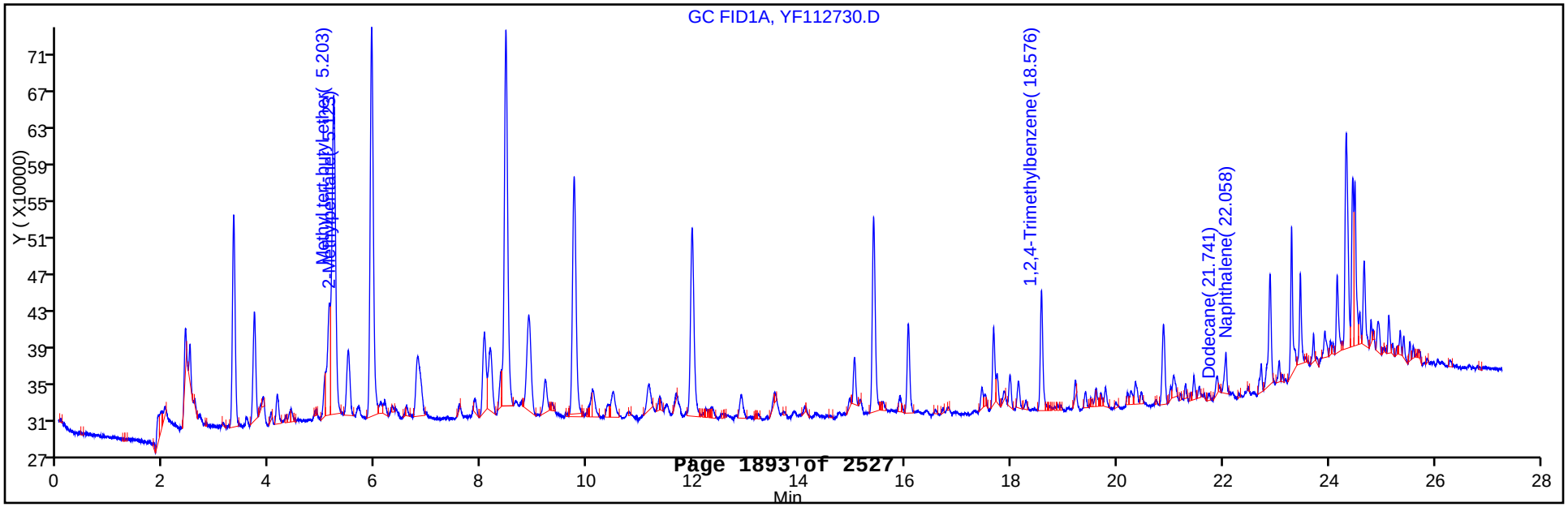
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112730.D

Injection Date:	28-Nov-2012 04:10:36	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	30
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.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-66387/61

Matrix: Solid Lab File ID: YF112761.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/29/2012 00:17

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.: 66387 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	102		100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	74		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112761.D
Lims ID: MRL Client ID:
Inject. Date: 29-Nov-2012 00:17:25 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015294-061
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 66387 Lims Sample ID: 61
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121127-15294.b\Y80158021.m
Last Update: 29-Nov-2012 08:34:01 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
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.132	5.131	0.001	360430	0	
12 Methyl tert-butyl ether	2	5.209	5.208	0.001	1535908	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.749	9.751	-0.002	1140932	7.42	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.821	4.871 -	18.771	16484023	121.2	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.408	4.971 -	21.846	20661281	102.4	
A 11 GRO	2	13.631	4.995 -	22.267	24487211	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	21.653	21.740	-0.087	8287	0	
9 Naphthalene	2	22.049	22.060	-0.011	75548	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

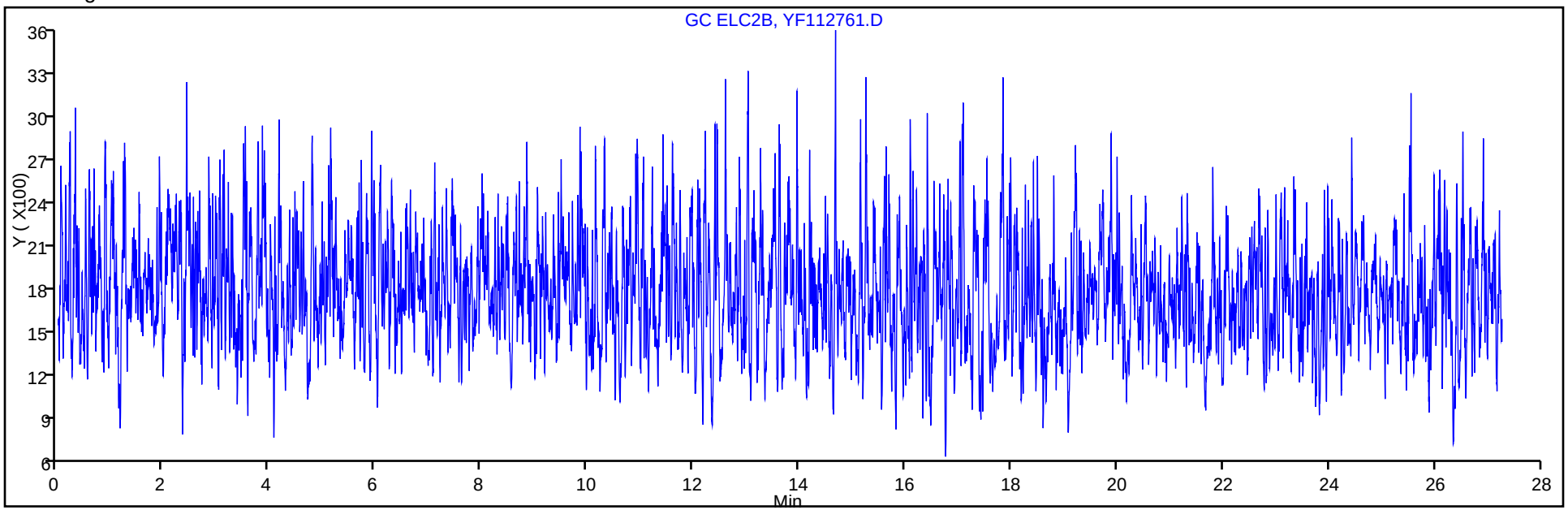
Report Date: 29-Nov-2012 08:34:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

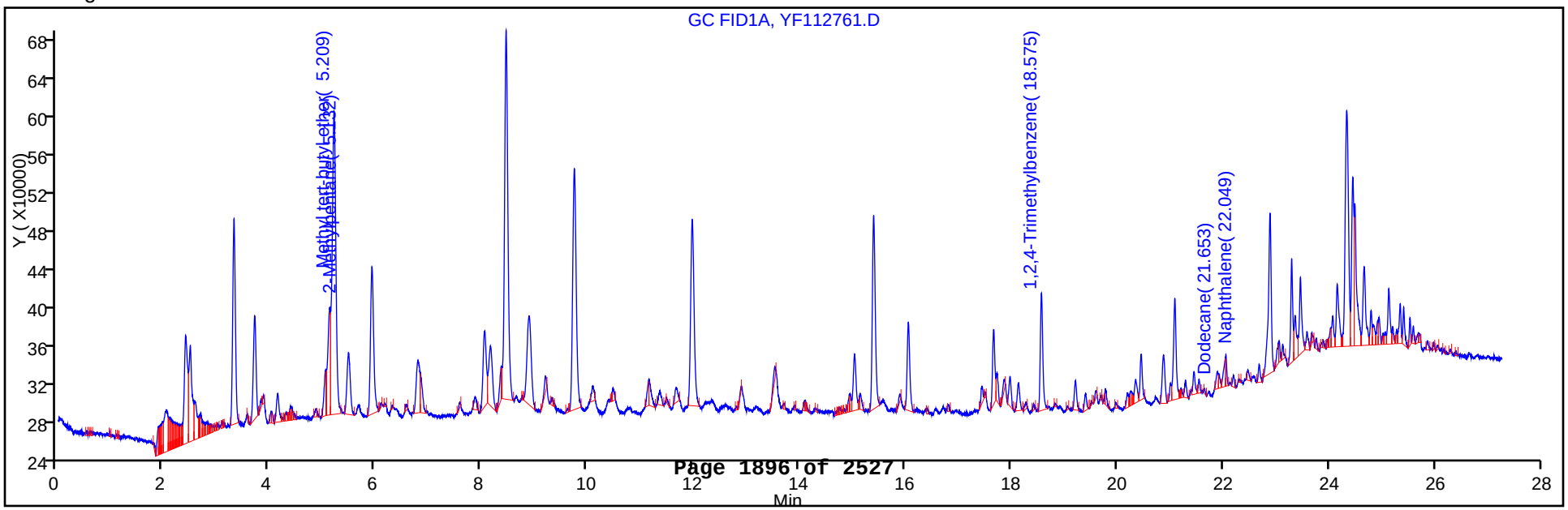
Data File: \\Ncchrom\ChromData\YPID\20121127-15294.b\YF112761.D

Injection Date:	29-Nov-2012 00:17:25	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	66387	Lims Sample ID:	61
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: YPID Start Date: 08/15/2012 17:16

Analysis Batch Number: 54511 End Date: 08/16/2012 06:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/15/2012 17:16	1		RTX-VRX 0.45(mm)
ZZZZZ		08/15/2012 17:57	1		RTX-VRX 0.45(mm)
STD1 240-54511/6 IC		08/15/2012 18:36	1	YF081506.D	RTX-VRX 0.45(mm)
STD2 240-54511/7 IC		08/15/2012 19:17	1	YF081507.D	RTX-VRX 0.45(mm)
STD3 240-54511/8 IC		08/15/2012 19:58	1	YF081508.D	RTX-VRX 0.45(mm)
STD4 240-54511/9 ICRT		08/15/2012 20:39	1	YF081509.D	RTX-VRX 0.45(mm)
STD5 240-54511/10 IC		08/15/2012 21:19	1	YF081510.D	RTX-VRX 0.45(mm)
STD6 240-54511/11 IC		08/15/2012 22:00	1	YF081511.D	RTX-VRX 0.45(mm)
ICV 240-54511/12		08/15/2012 22:40	1	YF081512.D	RTX-VRX 0.45(mm)
ZZZZZ		08/15/2012 23:21	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 00:02	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 00:42	200		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 01:23	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 02:03	100		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 02:43	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 03:24	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 04:05	1000		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 04:45	5		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 05:26	1		RTX-VRX 0.45(mm)
CCV 240-54511/23		08/16/2012 06:06	1		RTX-VRX 0.45(mm)

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: YPID Start Date: 11/27/2012 09:33

Analysis Batch Number: 66387 End Date: 11/29/2012 00:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/27/2012 09:33	1		RTX-VRX 0.45(mm)
ZZZZZ		11/27/2012 10:12	1		RTX-VRX 0.45(mm)
ZZZZZ		11/27/2012 10:50	1		RTX-VRX 0.45(mm)
CCV 240-66387/5 CCVRT		11/27/2012 12:06	1	YF112705.D	RTX-VRX 0.45(mm)
CCV 240-66387/12		11/27/2012 16:37	1		RTX-VRX 0.45(mm)
ZZZZZ		11/27/2012 17:15	1		RTX-VRX 0.45(mm)
ZZZZZ		11/27/2012 17:54	1		RTX-VRX 0.45(mm)
ZZZZZ		11/27/2012 18:32	200		RTX-VRX 0.45(mm)
ZZZZZ		11/27/2012 19:10	100		RTX-VRX 0.45(mm)
ZZZZZ		11/27/2012 19:48	100		RTX-VRX 0.45(mm)
CCV 240-66387/18		11/27/2012 20:27	1	YF112718.D	RTX-VRX 0.45(mm)
MRL 240-66387/19		11/27/2012 21:05	1	YF112719.D	RTX-VRX 0.45(mm)
MB 240-66321/1-A		11/27/2012 21:43	1	YF112720.D	RTX-VRX 0.45(mm)
LCS 240-66321/2-A		11/27/2012 22:23	1	YF112721.D	RTX-VRX 0.45(mm)
ZZZZZ		11/27/2012 23:01	2		RTX-VRX 0.45(mm)
240-17768-2	70SB-0012M-0001-SO	11/27/2012 23:40	10	YF112723.D	RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 00:19	1		RTX-VRX 0.45(mm)
240-17768-4	70SB-0014M-0001-SO	11/28/2012 00:57	10	YF112725.D	RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 01:36	1		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 02:14	1		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 02:53	1		RTX-VRX 0.45(mm)
CCV 240-66387/29		11/28/2012 03:31	1	YF112729.D	RTX-VRX 0.45(mm)
MRL 240-66387/30		11/28/2012 04:10	1	YF112730.D	RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 04:49	1		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 05:27	1		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 06:06	5		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 06:44	10		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 07:23	1		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 08:01	1		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 08:40	1		RTX-VRX 0.45(mm)
MB 240-66387/38		11/28/2012 09:18	1	YF112738.D	RTX-VRX 0.45(mm)
LCS 240-66387/39		11/28/2012 09:58	1	YF112739.D	RTX-VRX 0.45(mm)
CCV 240-66387/40		11/28/2012 10:36	1	YF112740.D	RTX-VRX 0.45(mm)
240-17768-3	70SB-0013M-0001-SO	11/28/2012 11:25	1	YF112741.D	RTX-VRX 0.45(mm)
240-17768-5	70SB-0015M-0001-SO	11/28/2012 12:04	1	YF112742.D	RTX-VRX 0.45(mm)
240-17768-6	70SB-0016M-0001-SO	11/28/2012 12:43	1	YF112743.D	RTX-VRX 0.45(mm)
240-17768-7	70SB-0017M-0001-SO	11/28/2012 13:22	1	YF112744.D	RTX-VRX 0.45(mm)
MB 240-66387/45		11/28/2012 14:00	1	YF112745.D	RTX-VRX 0.45(mm)
LCS 240-66387/46		11/28/2012 14:38	1	YF112746.D	RTX-VRX 0.45(mm)
240-17768-8	70SB-0018-0001-TB	11/28/2012 15:18	1	YF112747.D	RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 15:56	1		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 16:35	1		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 17:13	1		RTX-VRX 0.45(mm)
CCV 240-66387/51		11/28/2012 17:53	1	YF112751.D	RTX-VRX 0.45(mm)

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: YPID Start Date: 11/27/2012 09:33

Analysis Batch Number: 66387 End Date: 11/29/2012 00:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/28/2012 18:31	1		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 19:09	1		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 19:48	1		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 20:27	5		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 21:05	5		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 21:42	5		RTX-VRX 0.45(mm)
ZZZZZ		11/28/2012 22:22	2		RTX-VRX 0.45(mm)
240-17768-1	70SB-0011M-0001-SO	11/28/2012 22:59	1	YF112759.D	RTX-VRX 0.45(mm)
CCV 240-66387/60		11/28/2012 23:39	1	YF112760.D	RTX-VRX 0.45(mm)
MRL 240-66387/61		11/29/2012 00:17	1	YF112761.D	RTX-VRX 0.45(mm)

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Batch Number: 66321 Batch Start Date: 11/26/12 14:21 Batch Analyst: Bosworth, Heather M

Batch Method: 5035 Batch End Date: 11/26/12 15:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VGGASCHK 00024	VGGASURROGATE 00016
MB 240-66321/1		5035, 8015B				5.00 g	5 mL		50 uL
LCS 240-66321/2		5035, 8015B				5.00 g	5 mL	2 mL	50 uL
240-17768-D-2	70SB-0012M-0001-SO	5035, 8015B	T	+028.432 g	34.67 g	6.238 g	5 mL		50 uL
240-17768-D-4	70SB-0014M-0001-SO	5035, 8015B	T	+028.415 g	34.54 g	6.125 g	5 mL		50 uL

Batch Notes	
Balance ID	B045
Methanol Lot Number	Fisher 123279 for the bk and ck
Blank Sand Lot #	Fisher 105405

Basis	Basis Description
T	Total/NA

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Batch Number: 66556 Batch Start Date: 11/28/12 09:14 Batch Analyst: Bosworth, Heather M

Batch Method: 5035 Batch End Date: 11/28/12 19:09

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
240-17768-B-3	70SB-0013M-0001-SO	5035, 8015B	T	+030.136 g	36.36 g	6.224 g	5 mL	Preserved on 11/15/12@2100	
240-17768-B-5	70SB-0015M-0001-SO	5035, 8015B	T	+030.022 g	36.40 g	6.378 g	5 mL	Preserved on 11/15/12@2100	
240-17768-B-6	70SB-0016M-0001-SO	5035, 8015B	T	+029.916 g	35.59 g	5.674 g	5 mL	Preserved on 11/15/12@2100	
240-17768-B-7	70SB-0017M-0001-SO	5035, 8015B	T	+029.570 g	35.03 g	5.46 g	5 mL	Preserved on 11/15/12@2100	
240-17768-E-1	70SB-0011M-0001-SO	5035, 8015B	T	+029.924 g	35.28 g	5.356 g	5 mL	Preserved on 11/15/12@2100	

Batch Notes	

Basis	Basis Description
T	Total/NA

Method 8082 DOD

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
076SB-0037M-0001-SO	240-17768-9	74	70	80	75
076SB-0038M-0001-SO	240-17768-10	78	74	83	75
076SB-0039M-0001-SO	240-17768-11	72	69	76	73
076SB-0040M-0001-SO	240-17768-12	77	73	78	71
076SB-0041M-0001-SO	240-17768-13	67	65	72	67
076SB-0042M-0001-SO	240-17768-14	78	74	83	79
076SB-0043M-0001-SO	240-17768-15	71	67	77	72
	MB 240-66777/20-A	88	83	93	90
	LCS 240-66777/21-A	75	75	79	75

	QC LIMITS
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	60-125

Column to be used to flag recovery values

FORM II 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
	MRL 240-67173/10	115	114	108	115
	MRL 240-67173/32	107	115	112	114

	QC LIMITS
TCX = Tetrachloro-m-xylene	50-150
DCB = DCB Decachlorobiphenyl	50-150

Column to be used to flag recovery values

FORM II 8082/DOD

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300030.D

Lab ID: LCS 240-66777/21-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	245	74	40-140	
Aroclor-1260	333	265	79	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300010.D

Lab ID: MRL 240-67173/10 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0819	164	70-130	^
Aroclor-1016	0.0500	0.0546	109	70-130	
Aroclor-1260	0.0500	0.0551	110	70-130	
Aroclor-1260	0.0500	0.0429 J	86	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300032.D

Lab ID: MRL 240-67173/32 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0594	119	70-130	
Aroclor-1016	0.0500	0.0550	110	70-130	
Aroclor-1260	0.0500	0.0559	112	70-130	
Aroclor-1260	0.0500	0.0438 J	88	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Lab Sample ID: MB 240-66777/20-A

Matrix: Solid Date Extracted: 11/29/2012 11:28

Lab File ID:(1) P1300020.D Lab File ID:(2) P1300020.D

Date Analyzed:(1) 12/04/2012 05:57 Date Analyzed:(2) 12/04/2012 05:57

Instrument ID:(1) A2HP13 Instrument ID:(2) A2HP13

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) CLP-1 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
076SB-0037M-0001-SO	240-17768-9	12/04/2012 03:43	12/04/2012 03:43
076SB-0038M-0001-SO	240-17768-10	12/04/2012 03:58	12/04/2012 03:58
076SB-0039M-0001-SO	240-17768-11	12/04/2012 04:12	12/04/2012 04:12
076SB-0040M-0001-SO	240-17768-12	12/04/2012 04:28	12/04/2012 04:28
076SB-0041M-0001-SO	240-17768-13	12/04/2012 04:42	12/04/2012 04:42
076SB-0042M-0001-SO	240-17768-14	12/04/2012 04:57	12/04/2012 04:57
076SB-0043M-0001-SO	240-17768-15	12/04/2012 05:12	12/04/2012 05:12
	LCS 240-66777/21-A	12/04/2012 08:26	12/04/2012 08:26

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Sample No.: CCV 240-67173/3 Date Analyzed: 12/04/2012 01:36

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1300003.D Heated Purge: (Y/N) N

Calibration ID: 12036

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.29	7.06	
UPPER LIMIT				1.39	7.16	
LOWER LIMIT				1.19	6.96	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-67173/3 CCVRT		12/04/2012 01:36	P1300003.D	1.29	7.06	
240-17768-9	076SB-0037M-0001-SO	12/04/2012 03:43	P1300011.D	1.30	7.07	
240-17768-10	076SB-0038M-0001-SO	12/04/2012 03:58	P1300012.D	1.29	7.06	
240-17768-11	076SB-0039M-0001-SO	12/04/2012 04:12	P1300013.D	1.29	7.06	
240-17768-12	076SB-0040M-0001-SO	12/04/2012 04:28	P1300014.D	1.29	7.06	
240-17768-13	076SB-0041M-0001-SO	12/04/2012 04:42	P1300015.D	1.29	7.06	
240-17768-14	076SB-0042M-0001-SO	12/04/2012 04:57	P1300016.D	1.29	7.06	
240-17768-15	076SB-0043M-0001-SO	12/04/2012 05:12	P1300017.D	1.29	7.06	
MB 240-66777/20-A		12/04/2012 05:57	P1300020.D	1.29	7.06	
CCV 240-67173/21		12/04/2012 06:12	P1300021.D	1.29	7.06	
LCS 240-66777/21-A		12/04/2012 08:26	P1300030.D	1.29	7.06	
CCV 240-67173/31		12/04/2012 08:41	P1300031.D	1.29	7.06	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Sample No.: CCV 240-67173/3 Date Analyzed: 12/04/2012 01:36

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P1300003.D Heated Purge: (Y/N) N

Calibration ID: 12037

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.65	8.22	
UPPER LIMIT				1.75	8.32	
LOWER LIMIT				1.55	8.12	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-67173/3 CCVRT		12/04/2012 01:36	P1300003.D	1.65	8.22	
240-17768-9	076SB-0037M-0001-SO	12/04/2012 03:43	P1300011.D	1.65	8.22	
240-17768-10	076SB-0038M-0001-SO	12/04/2012 03:58	P1300012.D	1.65	8.22	
240-17768-11	076SB-0039M-0001-SO	12/04/2012 04:12	P1300013.D	1.65	8.22	
240-17768-12	076SB-0040M-0001-SO	12/04/2012 04:28	P1300014.D	1.65	8.22	
240-17768-13	076SB-0041M-0001-SO	12/04/2012 04:42	P1300015.D	1.65	8.22	
240-17768-14	076SB-0042M-0001-SO	12/04/2012 04:57	P1300016.D	1.65	8.22	
240-17768-15	076SB-0043M-0001-SO	12/04/2012 05:12	P1300017.D	1.65	8.22	
MB 240-66777/20-A		12/04/2012 05:57	P1300020.D	1.65	8.22	
CCV 240-67173/21		12/04/2012 06:12	P1300021.D	1.65	8.22	
LCS 240-66777/21-A		12/04/2012 08:26	P1300030.D	1.65	8.22	
CCV 240-67173/31		12/04/2012 08:41	P1300031.D	1.65	8.22	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-66777/21-A

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 12/04/2012 08:26 Date Analyzed (2): 12/04/2012 08:26

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.14	2.09	2.19	228	245	8.6
		2	2.57	2.52	2.62	241		
		3	3.05	3.00	3.10	268		
		4	3.20	3.15	3.25	254		
		5	3.85	3.80	3.90	235		
	2	2	1.90	1.85	1.95	235	225	
		3	2.33	2.28	2.38	231		
		4	2.46	2.41	2.51	174		
		5	2.87	2.82	2.92	260		
Aroclor-1260	1	1	5.14	5.09	5.19	246	265	11.2
		2	5.38	5.33	5.43	272		
		3	5.77	5.72	5.82	261		
		4	6.50	6.45	6.55	277		
		5	6.91	6.86	6.96	269		
	2	1	4.17	4.12	4.22	237	237	
		2	4.47	4.43	4.53	243		
		3	4.77	4.72	4.82	228		
		4	5.52	5.48	5.58	224		
		5	5.83	5.78	5.88	253		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0037M-0001-SO Lab Sample ID: 240-17768-9

Matrix: Solid Lab File ID: P1300011.D

Analysis Method: 8082/DOD Date Collected: 11/14/2012 15:50

Extraction Method: 3540C Date Extracted: 11/29/2012 11:28

Sample wt/vol: 29.75(g) Date Analyzed: 12/04/2012 03:43

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(mL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	70		40-140
2051-24-3	DCB Decachlorobiphenyl	75		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300011.D		
Lims ID:	240-17768-E-9-F	Client ID:	076SB-0037M-0001-SO
Inject. Date:	04-Dec-2012 03:43:08	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015489-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 mL	ALS Bottle#:	11
Lims Batch ID:	67173	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m		
Last Update:	04-Dec-2012 13:26:47	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 04-Dec-2012 06:16:14

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.291	0.006	31958045	0.0140			
2	2	1.650	1.648	0.002	21184217	0.0147			
						RPD = 5.17			
3 PCB-1221									1
1	2		1.439						
1	3		1.590						
1	4		1.559						
2	4		1.944						
2	5		2.085						
2	6		2.144						
5 PCB-1242									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.071	7.063	0.008	35137184	0.0151			
2	2	8.221	8.216	0.005	21670568	0.0161			
						RPD = 6.67			

QC Flag Legend

Processing Flags
1 - Missing Peaks

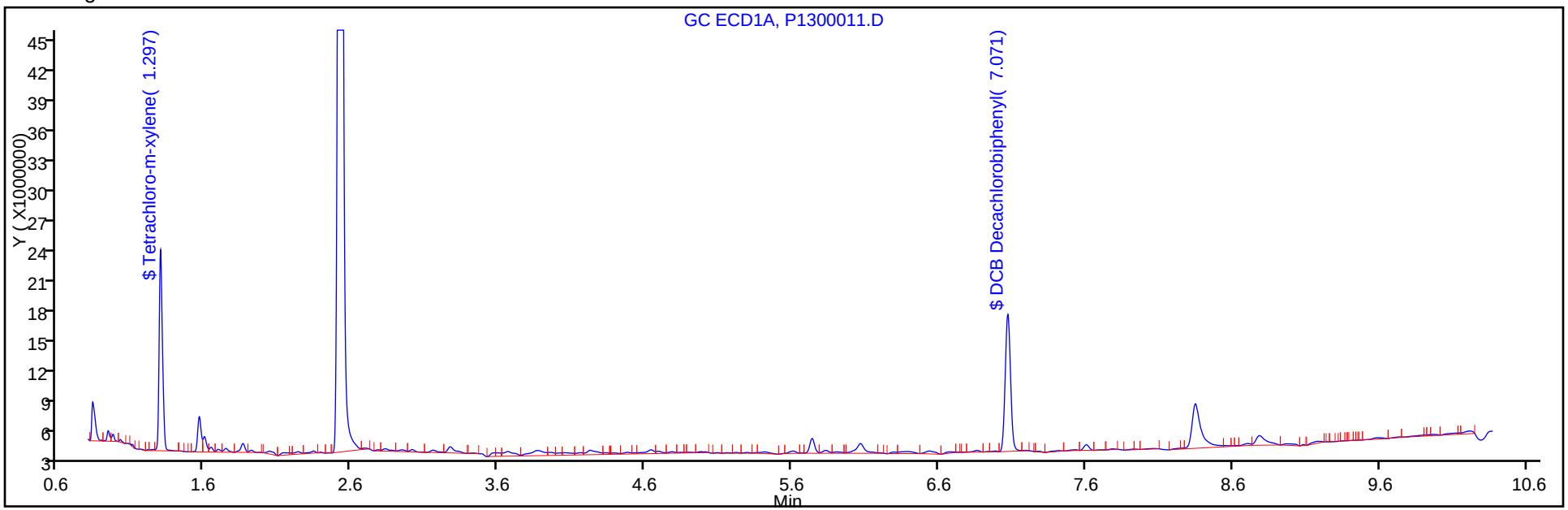
Report Date: 04-Dec-2012 13:26:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

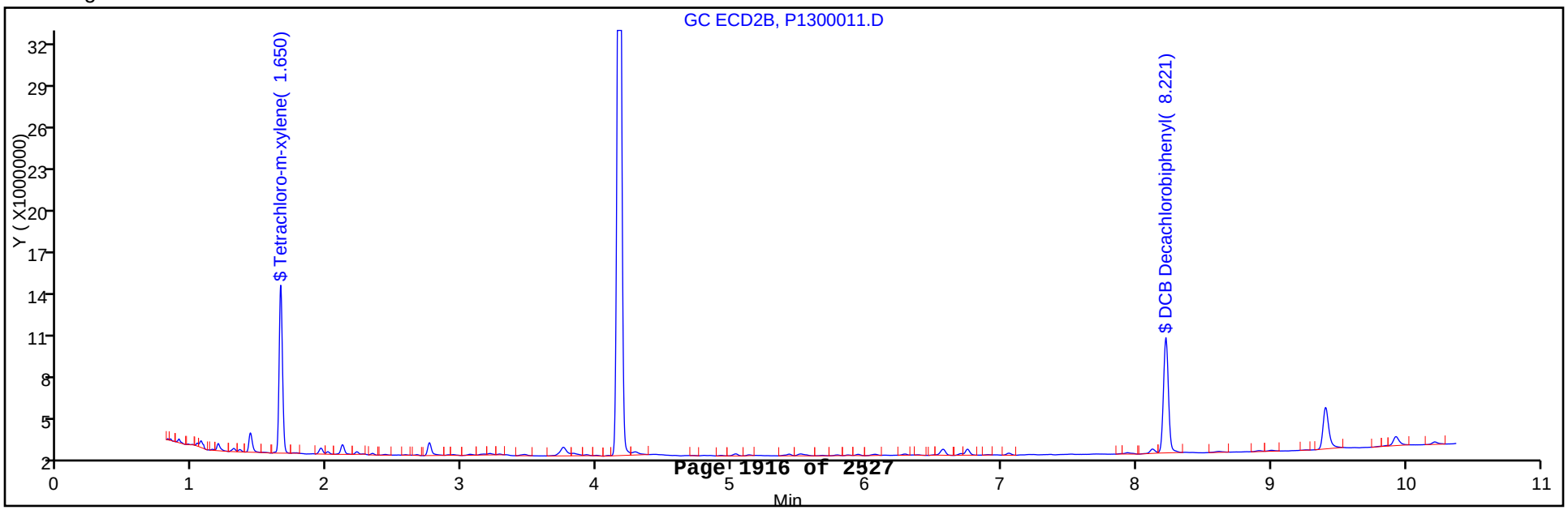
Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300011.D

Injection Date:	04-Dec-2012 03:43:08	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	67173	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 mL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0037M-0001-SO Lab Sample ID: 240-17768-9

Matrix: Solid Lab File ID: P1300011.D

Analysis Method: 8082/DOD Date Collected: 11/14/2012 15:50

Extraction Method: 3540C Date Extracted: 11/29/2012 11:28

Sample wt/vol: 29.75(g) Date Analyzed: 12/04/2012 03:43

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(mL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U H	50	25	16
12674-11-2	Aroclor-1016	25	U H	66	25	21
11141-16-5	Aroclor-1232	25	U H	45	25	14
53469-21-9	Aroclor-1242	25	U H	40	25	13
12672-29-6	Aroclor-1248	25	U H	55	25	17
11097-69-1	Aroclor-1254	25	U H	55	25	17
11096-82-5	Aroclor-1260	25	U H	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		40-140
2051-24-3	DCB Decachlorobiphenyl	80		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300011.D		
Lims ID:	240-17768-E-9-F	Client ID:	076SB-0037M-0001-SO
Inject. Date:	04-Dec-2012 03:43:08	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015489-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 mL	ALS Bottle#:	11
Lims Batch ID:	67173	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m		
Last Update:	04-Dec-2012 13:26:47	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 04-Dec-2012 06:16:14

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.297	1.291	0.006	31958045	0.0140			
2	2	1.650	1.648	0.002	21184217	0.0147			
						RPD = 5.17			
3 PCB-1221									1
1	2		1.439						
1	3		1.590						
1	4		1.559						
2	4		1.944						
2	5		2.085						
2	6		2.144						
5 PCB-1242									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.071	7.063	0.008	35137184	0.0151			
2	2	8.221	8.216	0.005	21670568	0.0161			
						RPD = 6.67			

QC Flag Legend

Processing Flags
1 - Missing Peaks

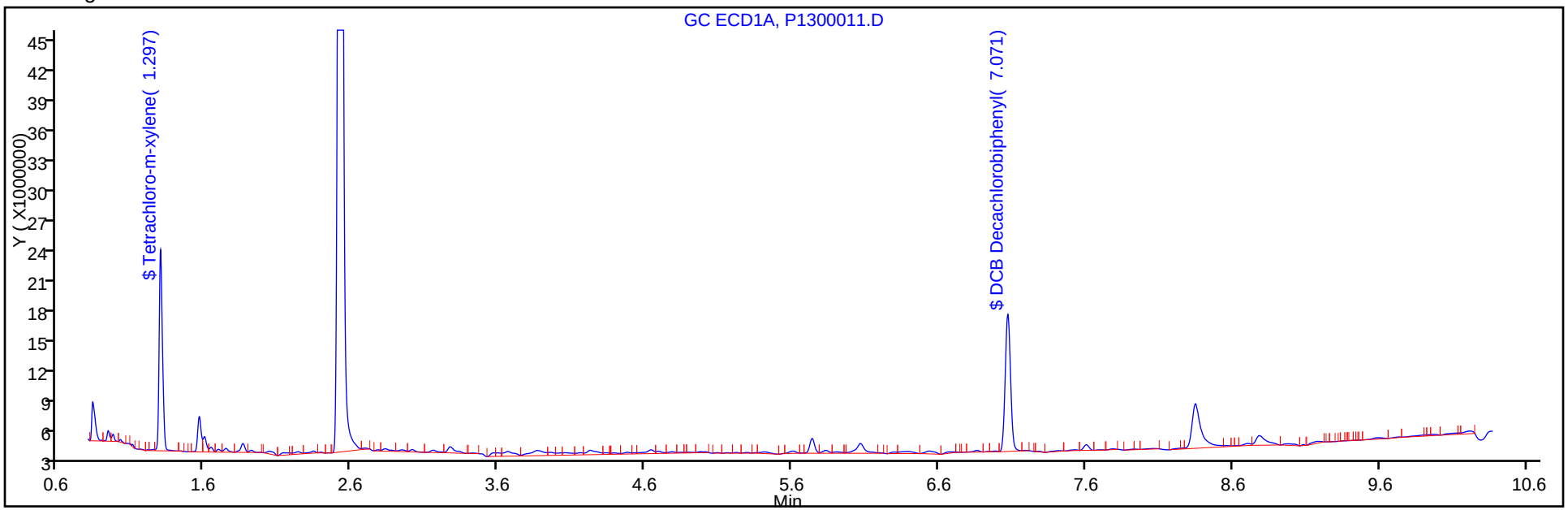
Report Date: 04-Dec-2012 13:26:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

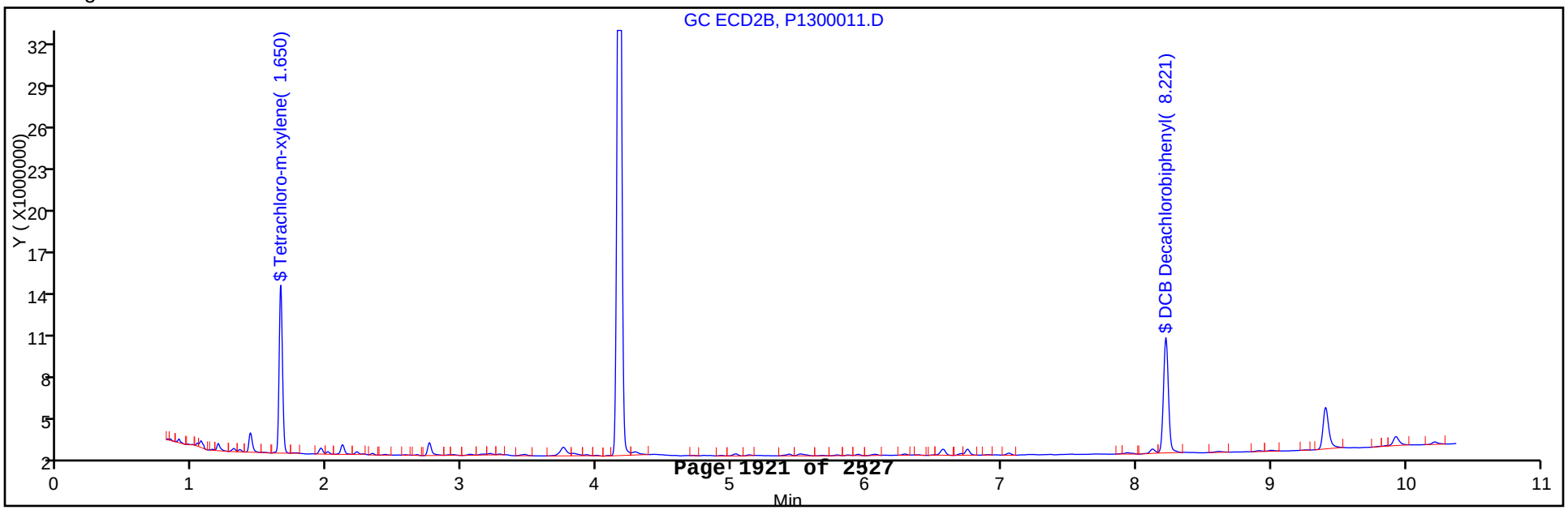
Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300011.D

Injection Date:	04-Dec-2012 03:43:08	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0037M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	67173	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 mL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0038M-0001-SO Lab Sample ID: 240-17768-10

Matrix: Solid Lab File ID: P1300012.D

Analysis Method: 8082/DOD Date Collected: 11/14/2012 15:50

Extraction Method: 3540C Date Extracted: 11/29/2012 11:28

Sample wt/vol: 29.62(g) Date Analyzed: 12/04/2012 03:58

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(mL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		40-140
2051-24-3	DCB Decachlorobiphenyl	75		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300012.D		
Lims ID:	240-17768-E-10-F	Client ID:	076SB-0038M-0001-SO
Inject. Date:	04-Dec-2012 03:58:04	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015489-012		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 mL	ALS Bottle#:	12
Lims Batch ID:	67173	Lims Sample ID:	12
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m		
Last Update:	04-Dec-2012 13:26:47	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 04-Dec-2012 06:16:22

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.294	1.291	0.003	33989911	0.0149			
2	2	1.649	1.648	0.001	22561313	0.0157			
						RPD = 5.30			
3 PCB-1221									1
1	2		1.439						
1	3		1.590						
1	4		1.559						
2	4		1.944						
2	5		2.085						
2	6		2.144						
5 PCB-1242									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.063	0.001	35194258	0.0151			
2	2	8.217	8.216	0.001	22480809	0.0167			
						RPD = 10.17			

QC Flag Legend

Processing Flags
1 - Missing Peaks

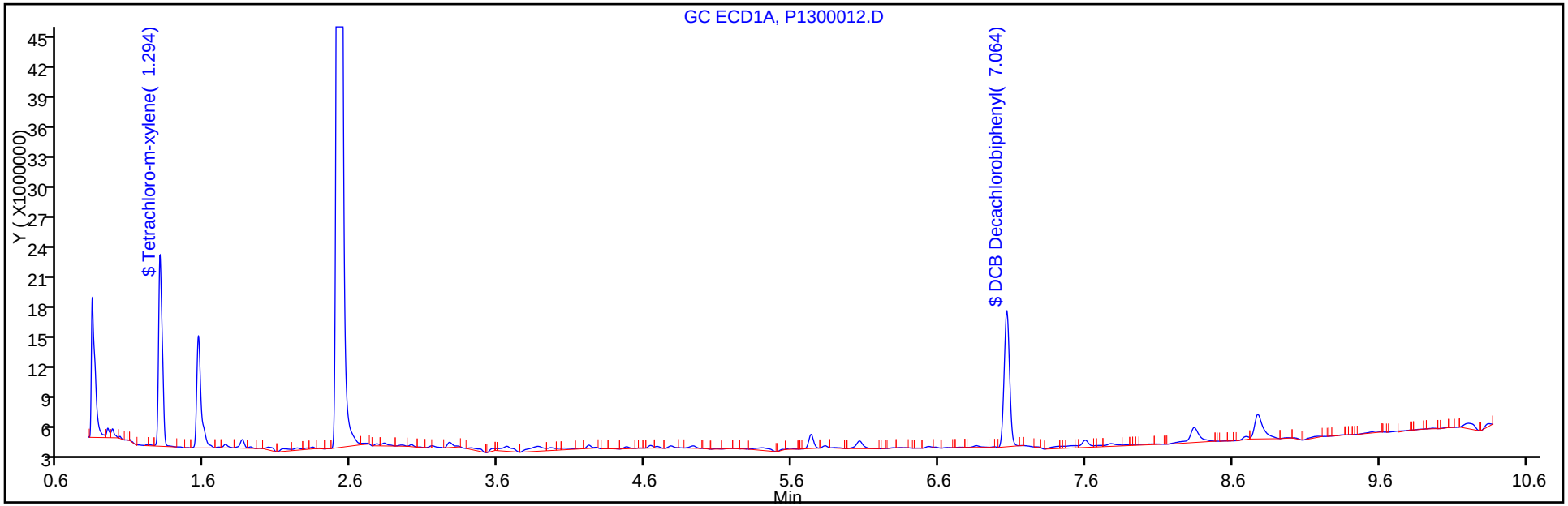
Report Date: 04-Dec-2012 13:26:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

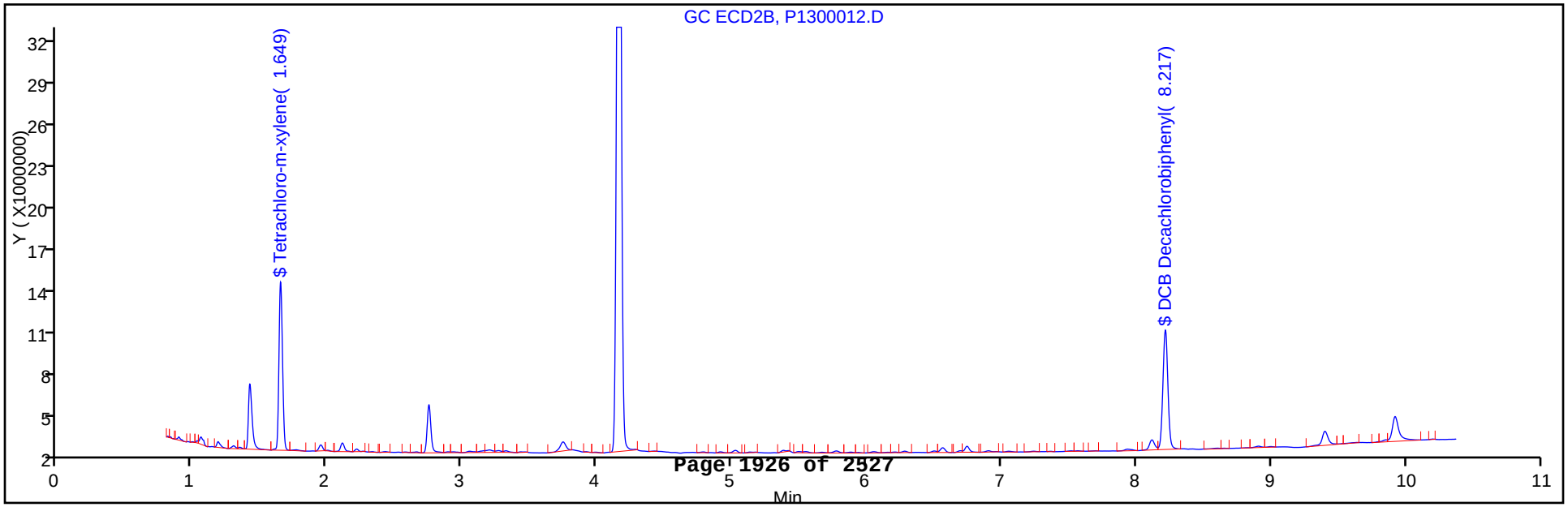
Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300012.D

Injection Date:	04-Dec-2012 03:58:04	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	67173	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 mL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0038M-0001-SO Lab Sample ID: 240-17768-10

Matrix: Solid Lab File ID: P1300012.D

Analysis Method: 8082/DOD Date Collected: 11/14/2012 15:50

Extraction Method: 3540C Date Extracted: 11/29/2012 11:28

Sample wt/vol: 29.62(g) Date Analyzed: 12/04/2012 03:58

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(mL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U H	51	25	16
12674-11-2	Aroclor-1016	25	U H	66	25	21
11141-16-5	Aroclor-1232	25	U H	46	25	14
53469-21-9	Aroclor-1242	25	U H	41	25	13
12672-29-6	Aroclor-1248	25	U H	56	25	17
11097-69-1	Aroclor-1254	25	U H	56	25	17
11096-82-5	Aroclor-1260	25	U H	56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		40-140
2051-24-3	DCB Decachlorobiphenyl	83		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300012.D		
Lims ID:	240-17768-E-10-F	Client ID:	076SB-0038M-0001-SO
Inject. Date:	04-Dec-2012 03:58:04	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015489-012		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 mL	ALS Bottle#:	12
Lims Batch ID:	67173	Lims Sample ID:	12
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m		
Last Update:	04-Dec-2012 13:26:47	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 04-Dec-2012 06:16:22

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.294	1.291	0.003	33989911	0.0149			
2	2	1.649	1.648	0.001	22561313	0.0157			
						RPD = 5.30			
3 PCB-1221									1
1	2		1.439						
1	3		1.590						
1	4		1.559						
2	4		1.944						
2	5		2.085						
2	6		2.144						
5 PCB-1242									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.063	0.001	35194258	0.0151			
2	2	8.217	8.216	0.001	22480809	0.0167			
						RPD = 10.17			

QC Flag Legend

Processing Flags
1 - Missing Peaks

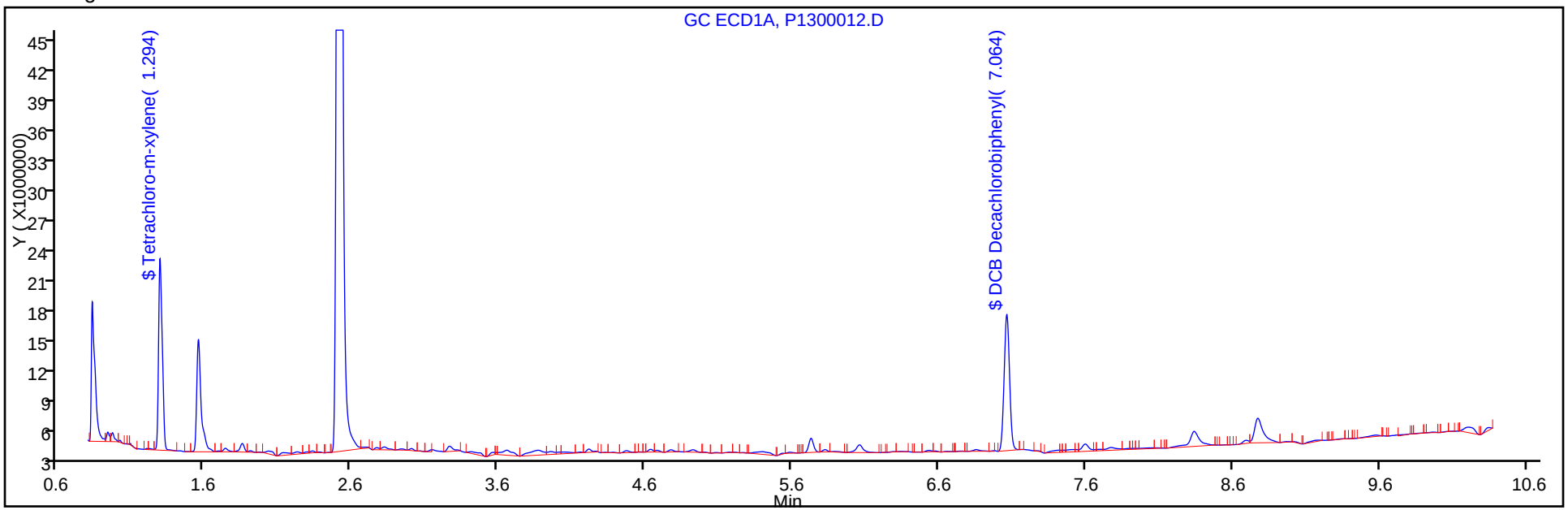
Report Date: 04-Dec-2012 13:26:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

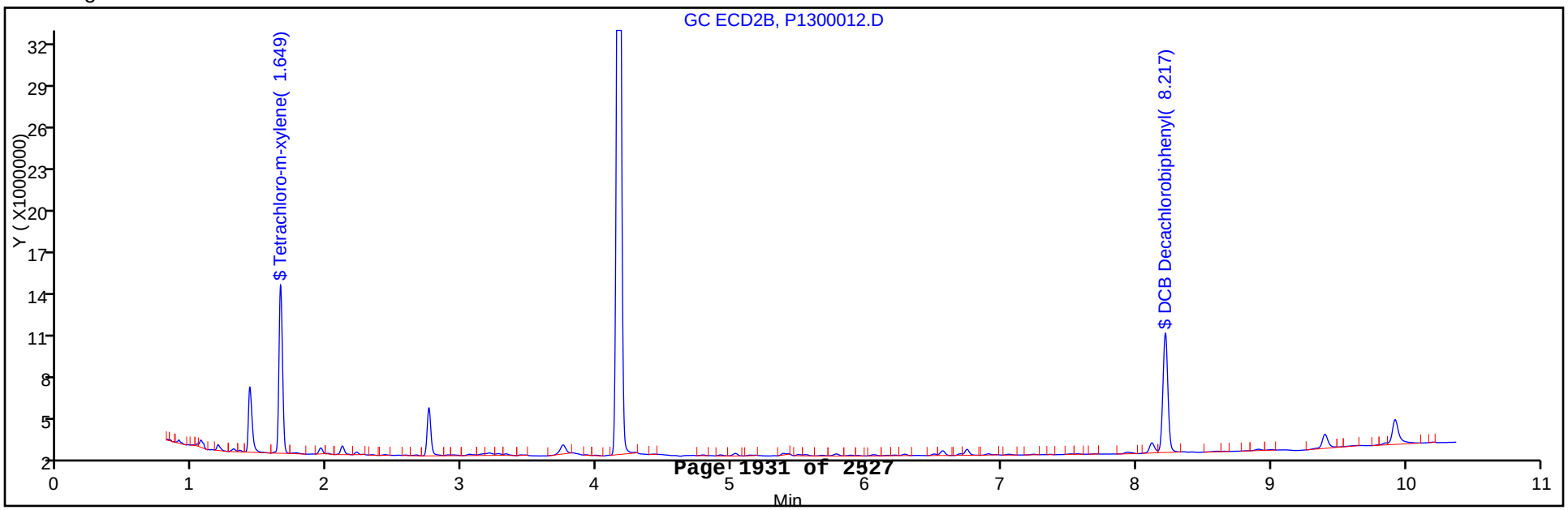
Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300012.D

Injection Date:	04-Dec-2012 03:58:04	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0038M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	67173	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 mL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0039M-0001-SO Lab Sample ID: 240-17768-11

Matrix: Solid Lab File ID: P1300013.D

Analysis Method: 8082/DOD Date Collected: 11/14/2012 15:00

Extraction Method: 3540C Date Extracted: 11/29/2012 11:28

Sample wt/vol: 29.78(g) Date Analyzed: 12/04/2012 04:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(mL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	69		40-140
2051-24-3	DCB Decachlorobiphenyl	73		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300013.D		
Lims ID:	240-17768-E-11-F	Client ID:	076SB-0039M-0001-SO
Inject. Date:	04-Dec-2012 04:12:59	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015489-013		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 mL	ALS Bottle#:	13
Lims Batch ID:	67173	Lims Sample ID:	13
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m		
Last Update:	04-Dec-2012 13:26:47	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		
First Level Reviewer: hassl		Date:	04-Dec-2012 06:16:30

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.291	0.002	31395273	0.0138			
2	2	1.649	1.648	0.001	20725605	0.0144			
						RPD = 4.75			
3 PCB-1221									1
1	2		1.439						
1	3		1.590						
1	4		1.559						
2	4		1.944						
2	5		2.085						
2	6		2.144						
5 PCB-1242									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.063	0.001	34179500	0.0146			
2	2	8.217	8.216	0.001	20448627	0.0152			
						RPD = 3.63			

QC Flag Legend

Processing Flags
1 - Missing Peaks

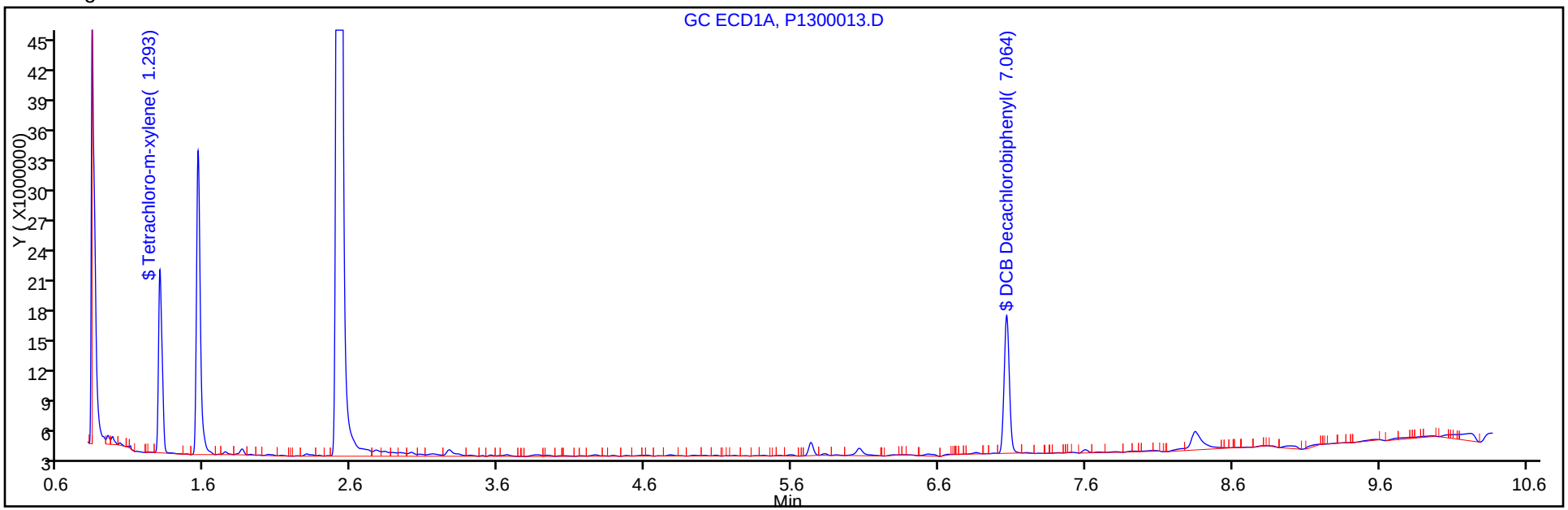
Report Date: 04-Dec-2012 13:26:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

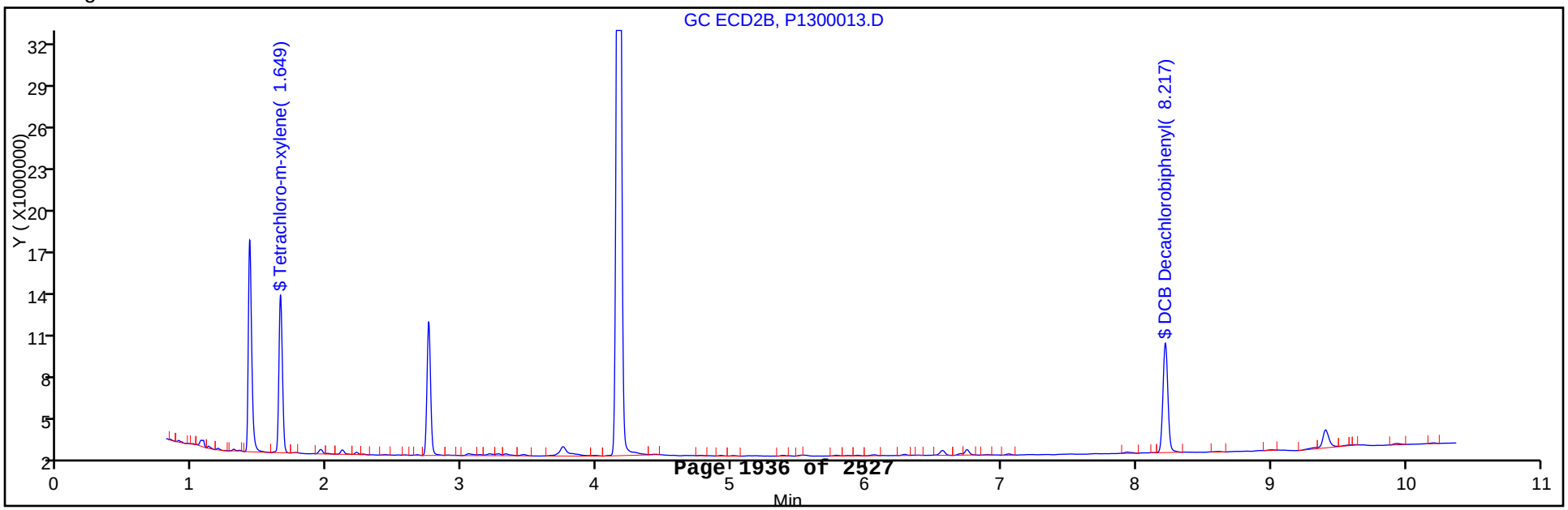
Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300013.D

Injection Date:	04-Dec-2012 04:12:59	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0039M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	67173	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 mL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0039M-0001-SO Lab Sample ID: 240-17768-11

Matrix: Solid Lab File ID: P1300013.D

Analysis Method: 8082/DOD Date Collected: 11/14/2012 15:00

Extraction Method: 3540C Date Extracted: 11/29/2012 11:28

Sample wt/vol: 29.78(g) Date Analyzed: 12/04/2012 04:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(mL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U H	50	25	16
12674-11-2	Aroclor-1016	25	U H	65	25	21
11141-16-5	Aroclor-1232	25	U H	45	25	14
53469-21-9	Aroclor-1242	25	U H	40	25	13
12672-29-6	Aroclor-1248	25	U H	55	25	17
11097-69-1	Aroclor-1254	25	U H	55	25	17
11096-82-5	Aroclor-1260	25	U H	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		40-140
2051-24-3	DCB Decachlorobiphenyl	76		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300013.D		
Lims ID:	240-17768-E-11-F	Client ID:	076SB-0039M-0001-SO
Inject. Date:	04-Dec-2012 04:12:59	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015489-013		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 mL	ALS Bottle#:	13
Lims Batch ID:	67173	Lims Sample ID:	13
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m		
Last Update:	04-Dec-2012 13:26:47	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 04-Dec-2012 06:16:30

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.291	0.002	31395273	0.0138			
2	2	1.649	1.648	0.001	20725605	0.0144			
						RPD = 4.75			
3 PCB-1221									1
1	2		1.439						
1	3		1.590						
1	4		1.559						
2	4		1.944						
2	5		2.085						
2	6		2.144						
5 PCB-1242									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.063	0.001	34179500	0.0146			
2	2	8.217	8.216	0.001	20448627	0.0152			
						RPD = 3.63			

QC Flag Legend

Processing Flags
1 - Missing Peaks

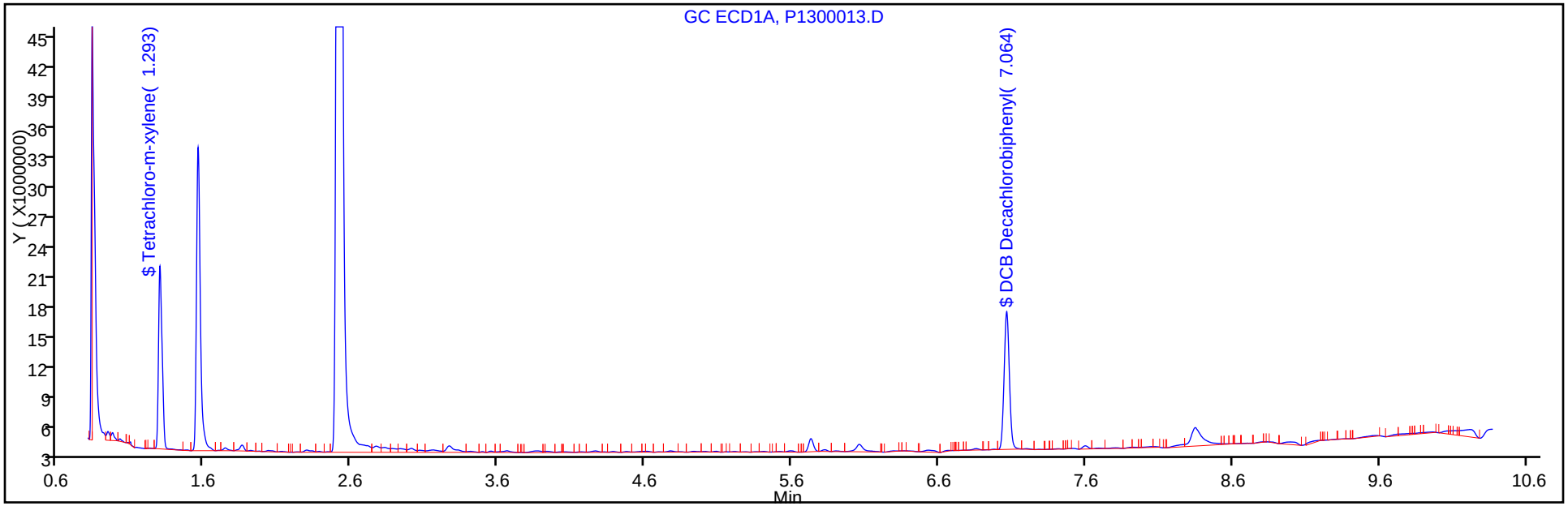
Report Date: 04-Dec-2012 13:26:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

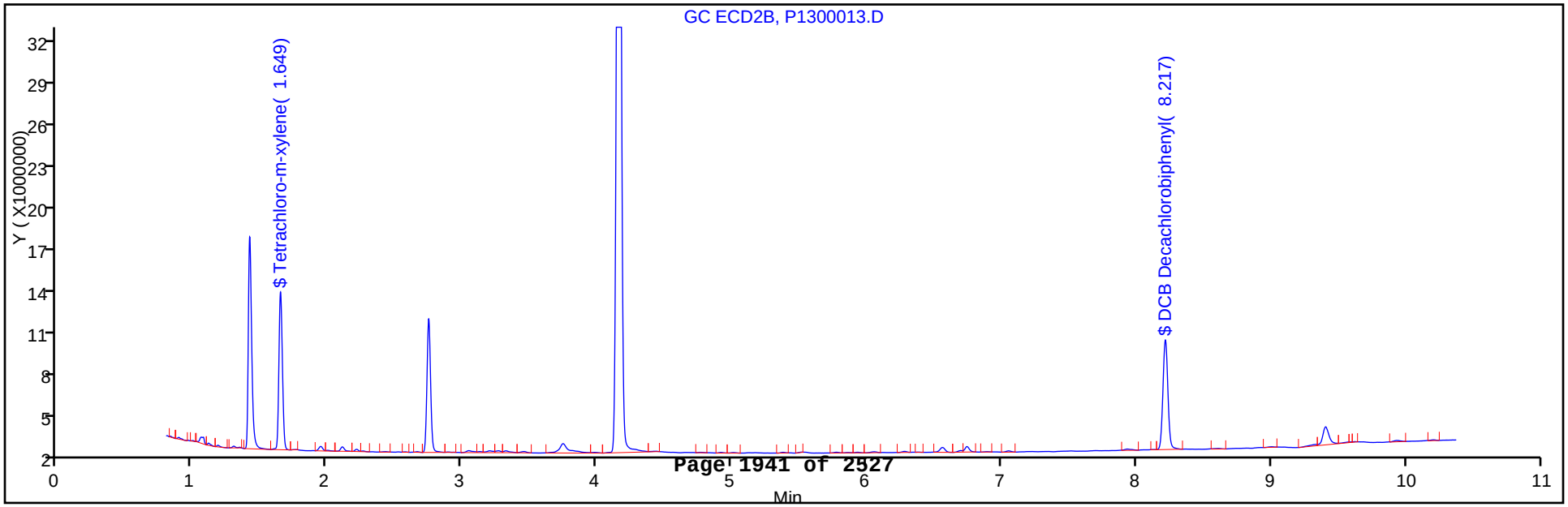
Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300013.D

Injection Date:	04-Dec-2012 04:12:59	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0039M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	67173	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 mL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0040M-0001-SO Lab Sample ID: 240-17768-12

Matrix: Solid Lab File ID: P1300014.D

Analysis Method: 8082/DOD Date Collected: 11/14/2012 15:20

Extraction Method: 3540C Date Extracted: 11/29/2012 11:28

Sample wt/vol: 30.27(g) Date Analyzed: 12/04/2012 04:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(mL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	73		40-140
2051-24-3	DCB Decachlorobiphenyl	71		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300014.D		
Lims ID:	240-17768-E-12-F	Client ID:	076SB-0040M-0001-SO
Inject. Date:	04-Dec-2012 04:28:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015489-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 mL	ALS Bottle#:	14
Lims Batch ID:	67173	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m		
Last Update:	04-Dec-2012 13:26:47	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 04-Dec-2012 06:16:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.291	0.002	33116058	0.0145			
2	2	1.648	1.648	0.000	22089903	0.0154			
						RPD = 5.79			
3 PCB-1221									1
1	2		1.439						
1	3		1.590						
1	4		1.559						
2	4		1.944						
2	5		2.085						
2	6		2.144						
5 PCB-1242									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.063	0.001	33133068	0.0142			
2	2	8.216	8.216	0.000	21091546	0.0157			
						RPD = 9.83			

QC Flag Legend

Processing Flags
1 - Missing Peaks

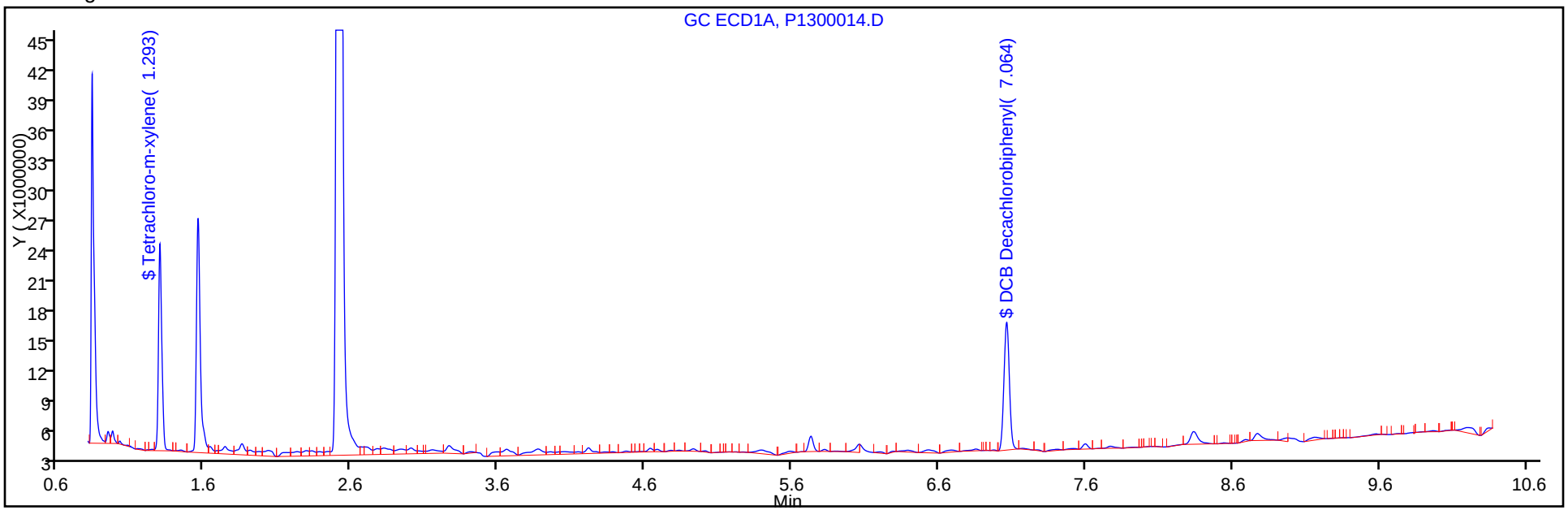
Report Date: 04-Dec-2012 13:26:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

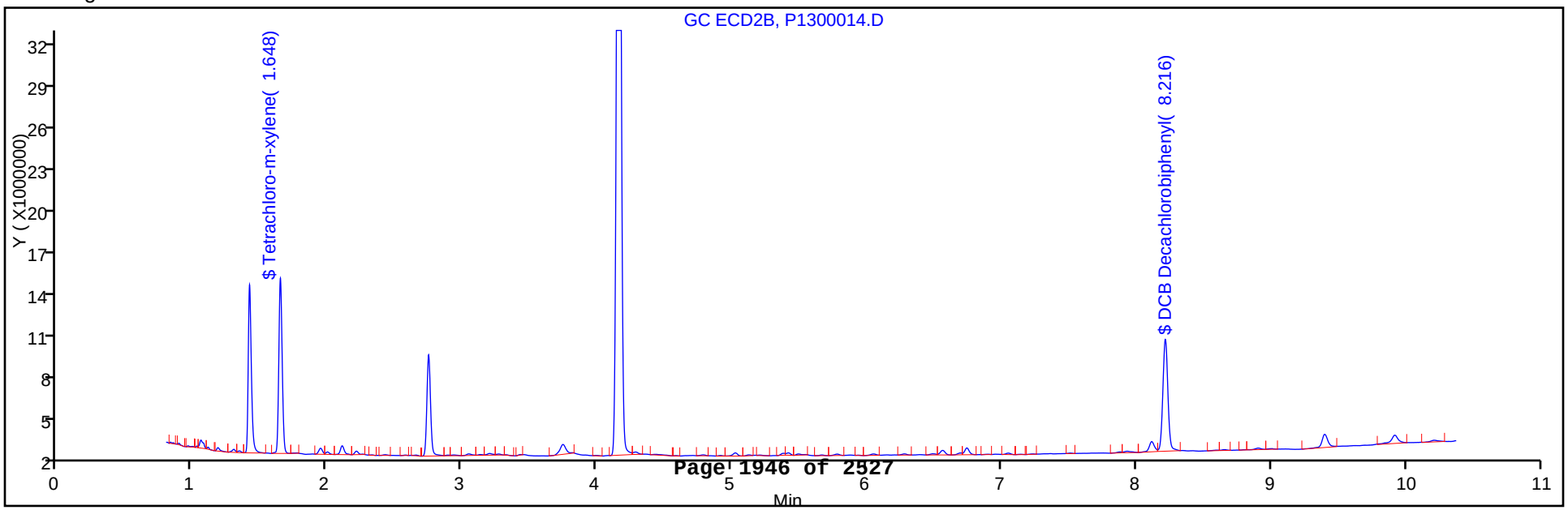
Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300014.D

Injection Date:	04-Dec-2012 04:28:00	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	67173	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 mL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0040M-0001-SO Lab Sample ID: 240-17768-12

Matrix: Solid Lab File ID: P1300014.D

Analysis Method: 8082/DOD Date Collected: 11/14/2012 15:20

Extraction Method: 3540C Date Extracted: 11/29/2012 11:28

Sample wt/vol: 30.27(g) Date Analyzed: 12/04/2012 04:28

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(mL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U H	50	25	16
12674-11-2	Aroclor-1016	25	U H	64	25	21
11141-16-5	Aroclor-1232	25	U H	45	25	14
53469-21-9	Aroclor-1242	25	U H	40	25	13
12672-29-6	Aroclor-1248	25	U H	55	25	17
11097-69-1	Aroclor-1254	25	U H	55	25	17
11096-82-5	Aroclor-1260	25	U H	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		40-140
2051-24-3	DCB Decachlorobiphenyl	78		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300014.D		
Lims ID:	240-17768-E-12-F	Client ID:	076SB-0040M-0001-SO
Inject. Date:	04-Dec-2012 04:28:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015489-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 mL	ALS Bottle#:	14
Lims Batch ID:	67173	Lims Sample ID:	14
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m		
Last Update:	04-Dec-2012 13:26:47	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 04-Dec-2012 06:16:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.291	0.002	33116058	0.0145			
2	2	1.648	1.648	0.000	22089903	0.0154			
						RPD = 5.79			
3 PCB-1221									1
1	2		1.439						
1	3		1.590						
1	4		1.559						
2	4		1.944						
2	5		2.085						
2	6		2.144						
5 PCB-1242									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.064	7.063	0.001	33133068	0.0142			
2	2	8.216	8.216	0.000	21091546	0.0157			
						RPD = 9.83			

QC Flag Legend

Processing Flags
1 - Missing Peaks

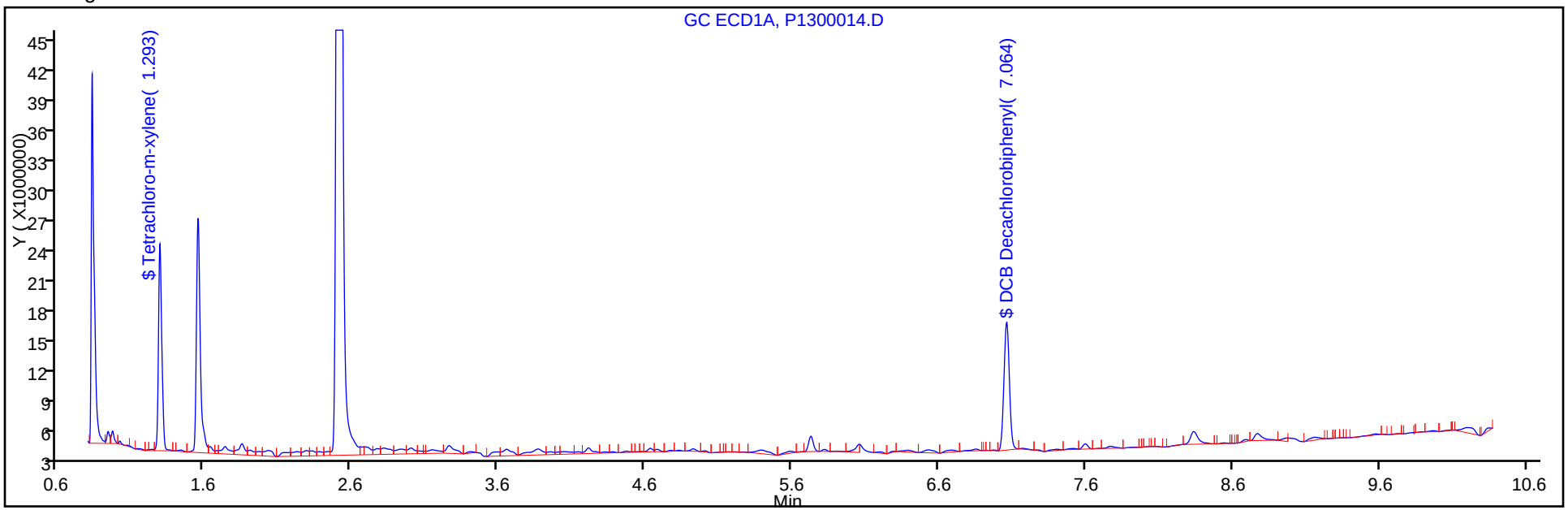
Report Date: 04-Dec-2012 13:26:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

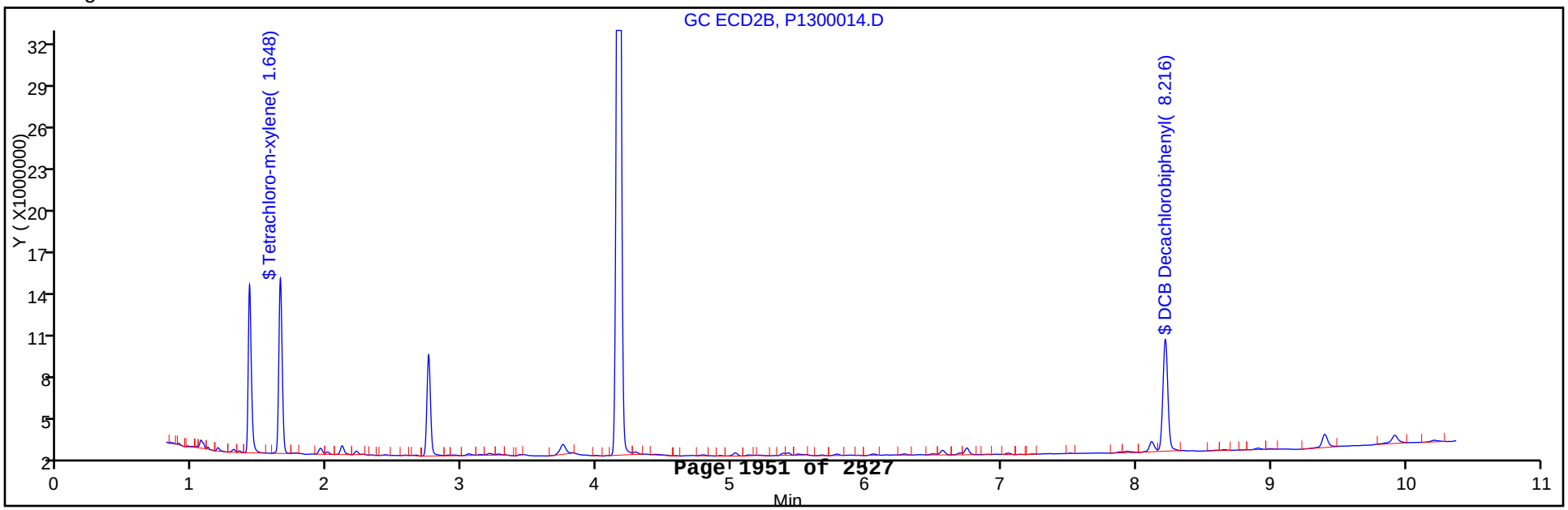
Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300014.D

Injection Date:	04-Dec-2012 04:28:00	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0040M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	67173	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 mL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0041M-0001-SO Lab Sample ID: 240-17768-13

Matrix: Solid Lab File ID: P1300015.D

Analysis Method: 8082/DOD Date Collected: 11/14/2012 15:30

Extraction Method: 3540C Date Extracted: 11/29/2012 11:28

Sample wt/vol: 30.37(g) Date Analyzed: 12/04/2012 04:42

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(mL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	65		40-140
2051-24-3	DCB Decachlorobiphenyl	67		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300015.D		
Lims ID:	240-17768-E-13-F	Client ID:	076SB-0041M-0001-SO
Inject. Date:	04-Dec-2012 04:42:54	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015489-015		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 mL	ALS Bottle#:	15
Lims Batch ID:	67173	Lims Sample ID:	15
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m		
Last Update:	04-Dec-2012 13:26:47	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 04-Dec-2012 06:16:47

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.291	0.002	29768579	0.0130			
2	2	1.649	1.648	0.001	19385212	0.0135			
						RPD = 3.39			
3 PCB-1221									1
1	2		1.439						
1	3		1.590						
1	4		1.559						
2	4		1.944						
2	5		2.085						
2	6		2.144						
5 PCB-1242									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	31501401	0.0135			
2	2	8.217	8.216	0.001	19338766	0.0144			
						RPD = 6.21			

QC Flag Legend

Processing Flags
1 - Missing Peaks

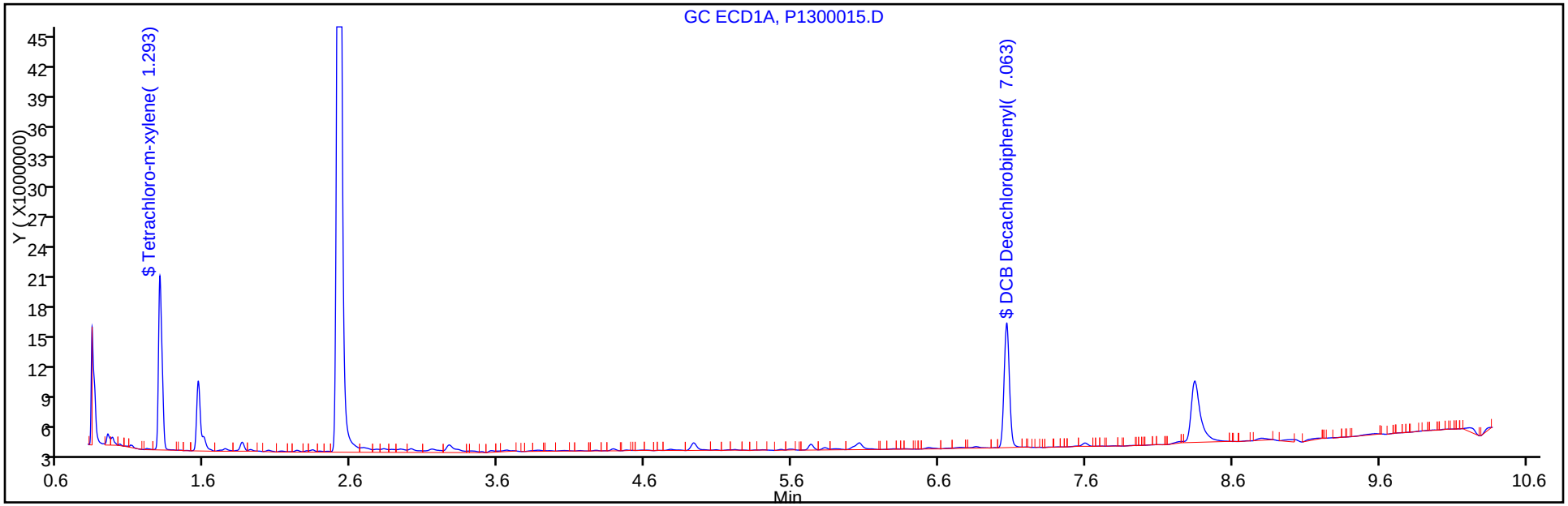
Report Date: 04-Dec-2012 13:26:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

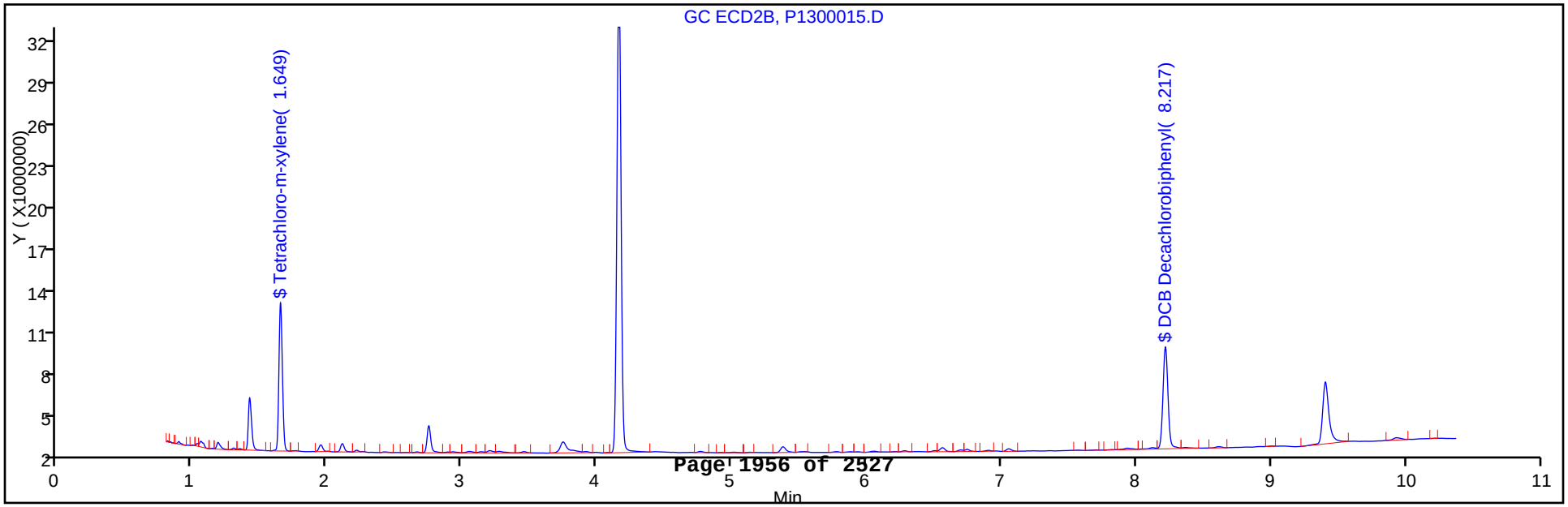
Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300015.D

Injection Date:	04-Dec-2012 04:42:54	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	67173	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 mL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0041M-0001-SO | Lab Sample ID: 240-17768-13

Matrix: Solid | Lab File ID: P1300015.D

Analysis Method: 8082/DOD | Date Collected: 11/14/2012 15:30

Extraction Method: 3540C | Date Extracted: 11/29/2012 11:28

Sample wt/vol: 30.37(g) | Date Analyzed: 12/04/2012 04:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(mL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67173 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	24	U H	49	24	16
12674-11-2	Aroclor-1016	24	U H	64	24	21
11141-16-5	Aroclor-1232	24	U H	44	24	14
53469-21-9	Aroclor-1242	24	U H	40	24	13
12672-29-6	Aroclor-1248	24	U H	54	24	17
11097-69-1	Aroclor-1254	24	U H	54	24	17
11096-82-5	Aroclor-1260	24	U H	54	24	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	67		40-140
2051-24-3	DCB Decachlorobiphenyl	72		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300015.D		
Lims ID:	240-17768-E-13-F	Client ID:	076SB-0041M-0001-SO
Inject. Date:	04-Dec-2012 04:42:54	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015489-015		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 mL	ALS Bottle#:	15
Lims Batch ID:	67173	Lims Sample ID:	15
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m		
Last Update:	04-Dec-2012 13:26:47	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 04-Dec-2012 06:16:47

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.291	0.002	29768579	0.0130			
2	2	1.649	1.648	0.001	19385212	0.0135			
						RPD = 3.39			
3 PCB-1221									1
1	2		1.439						
1	3		1.590						
1	4		1.559						
2	4		1.944						
2	5		2.085						
2	6		2.144						
5 PCB-1242									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	31501401	0.0135			
2	2	8.217	8.216	0.001	19338766	0.0144			
						RPD = 6.21			

QC Flag Legend

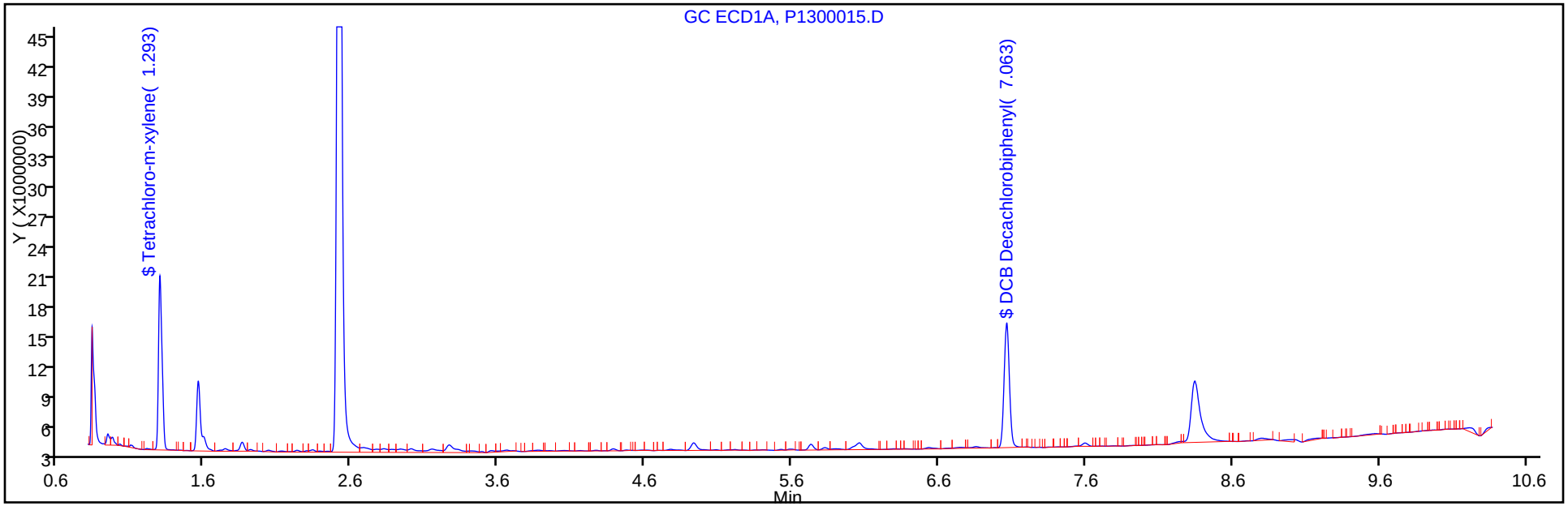
Processing Flags
1 - Missing Peaks

Report Date: 04-Dec-2012 13:26:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

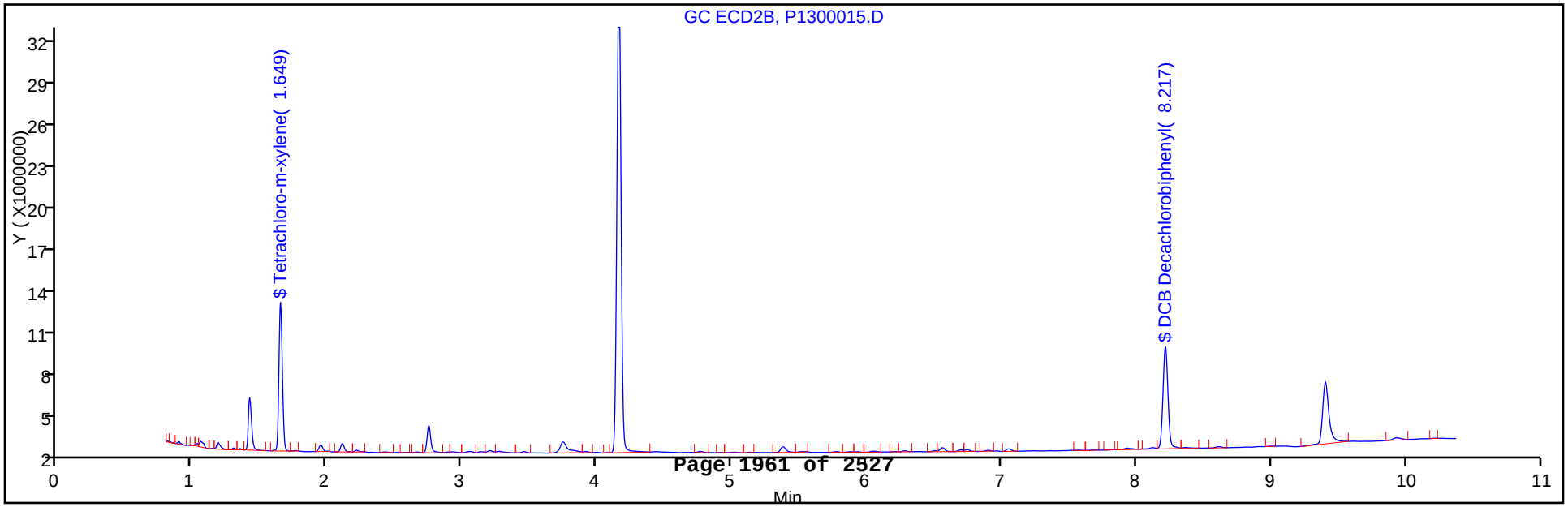
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300015.D		
Injection Date:	04-Dec-2012 04:42:54	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0041M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	67173	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 mL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0042M-0001-SO Lab Sample ID: 240-17768-14

Matrix: Solid Lab File ID: P1300016.D

Analysis Method: 8082/DOD Date Collected: 11/14/2012 15:45

Extraction Method: 3540C Date Extracted: 11/29/2012 11:28

Sample wt/vol: 30.48(g) Date Analyzed: 12/04/2012 04:57

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(mL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		40-140
2051-24-3	DCB Decachlorobiphenyl	79		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300016.D		
Lims ID:	240-17768-E-14-F	Client ID:	076SB-0042M-0001-SO
Inject. Date:	04-Dec-2012 04:57:51	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015489-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 mL	ALS Bottle#:	16
Lims Batch ID:	67173	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m		
Last Update:	04-Dec-2012 13:26:47	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 04-Dec-2012 06:16:54

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.291	0.002	33591470	0.0147			
2	2	1.648	1.648	0.000	22292081	0.0155			
						RPD = 5.28			
3 PCB-1221									1
1	2		1.439						
1	3		1.590						
1	4		1.559						
2	4		1.944						
2	5		2.085						
2	6		2.144						
5 PCB-1242									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	36990116	0.0158			
2	2	8.217	8.216	0.001	22424766	0.0166			
						RPD = 4.96			

QC Flag Legend

Processing Flags
1 - Missing Peaks

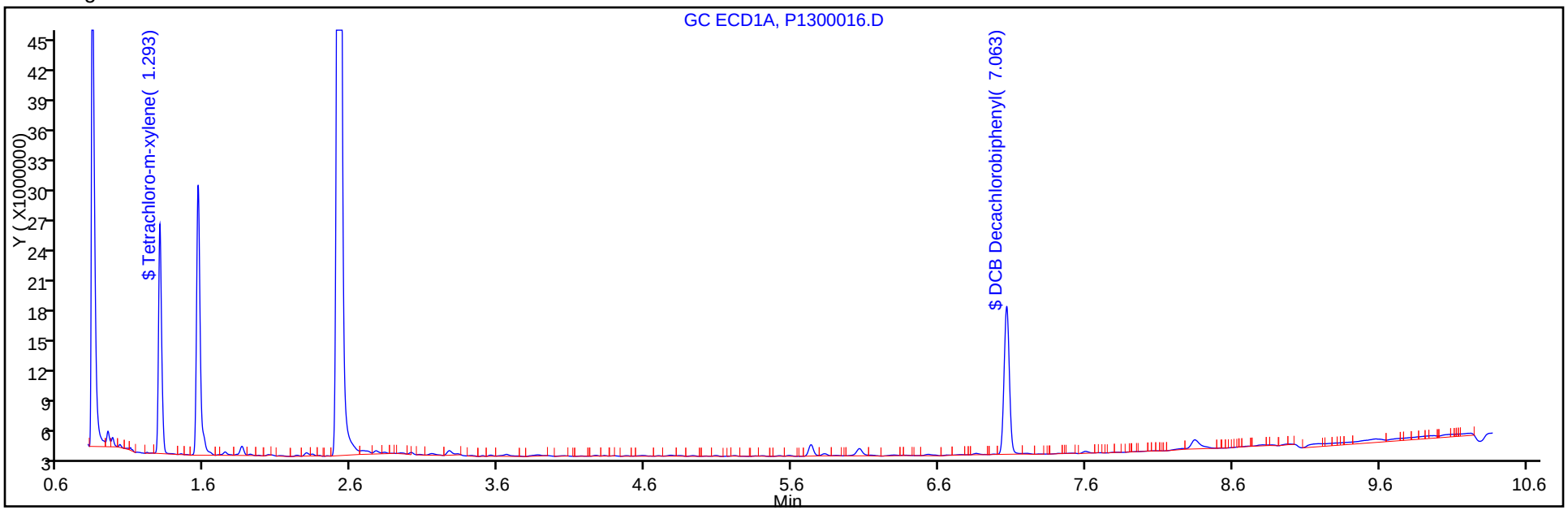
Report Date: 04-Dec-2012 13:26:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

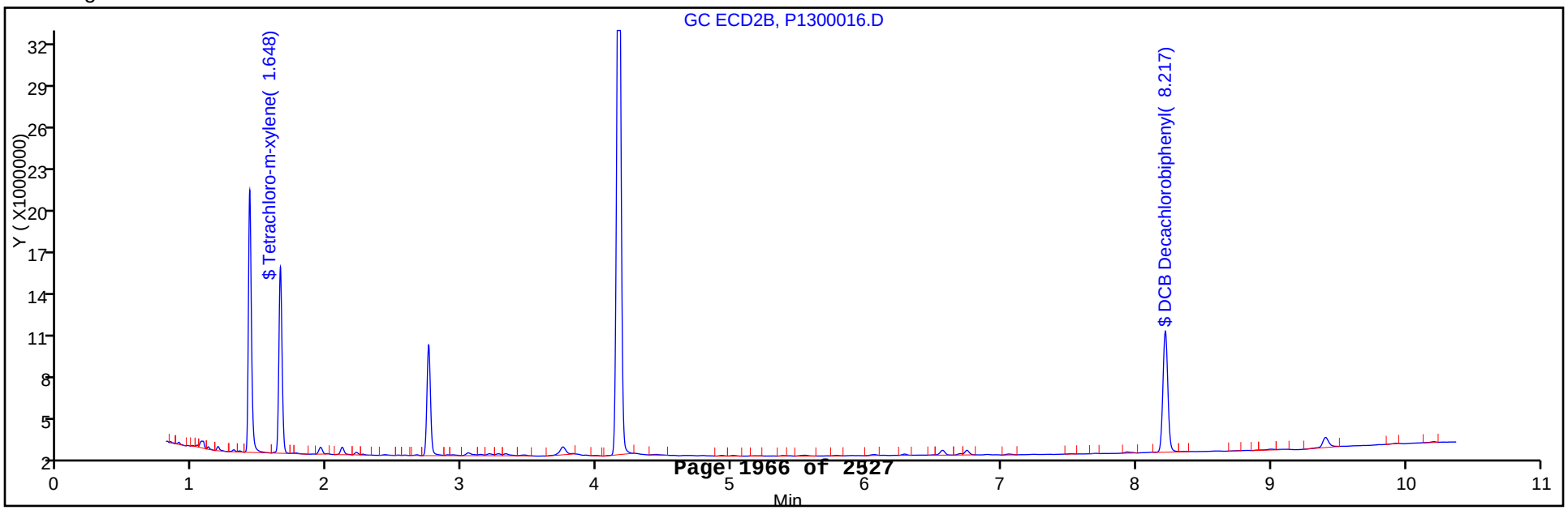
Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300016.D

Injection Date:	04-Dec-2012 04:57:51	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	67173	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 mL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0042M-0001-SO Lab Sample ID: 240-17768-14

Matrix: Solid Lab File ID: P1300016.D

Analysis Method: 8082/DOD Date Collected: 11/14/2012 15:45

Extraction Method: 3540C Date Extracted: 11/29/2012 11:28

Sample wt/vol: 30.48(g) Date Analyzed: 12/04/2012 04:57

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(mL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	24	U H	49	24	16
12674-11-2	Aroclor-1016	24	U H	64	24	21
11141-16-5	Aroclor-1232	24	U H	44	24	14
53469-21-9	Aroclor-1242	24	U H	39	24	13
12672-29-6	Aroclor-1248	24	U H	54	24	17
11097-69-1	Aroclor-1254	24	U H	54	24	17
11096-82-5	Aroclor-1260	24	U H	54	24	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		40-140
2051-24-3	DCB Decachlorobiphenyl	83		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300016.D		
Lims ID:	240-17768-E-14-F	Client ID:	076SB-0042M-0001-SO
Inject. Date:	04-Dec-2012 04:57:51	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015489-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 mL	ALS Bottle#:	16
Lims Batch ID:	67173	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m		
Last Update:	04-Dec-2012 13:26:47	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 04-Dec-2012 06:16:54

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.293	1.291	0.002	33591470	0.0147			
2	2	1.648	1.648	0.000	22292081	0.0155			
						RPD = 5.28			
3 PCB-1221									1
1	2		1.439						
1	3		1.590						
1	4		1.559						
2	4		1.944						
2	5		2.085						
2	6		2.144						
5 PCB-1242									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.063	7.063	0.000	36990116	0.0158			
2	2	8.217	8.216	0.001	22424766	0.0166			
						RPD = 4.96			

QC Flag Legend

Processing Flags
1 - Missing Peaks

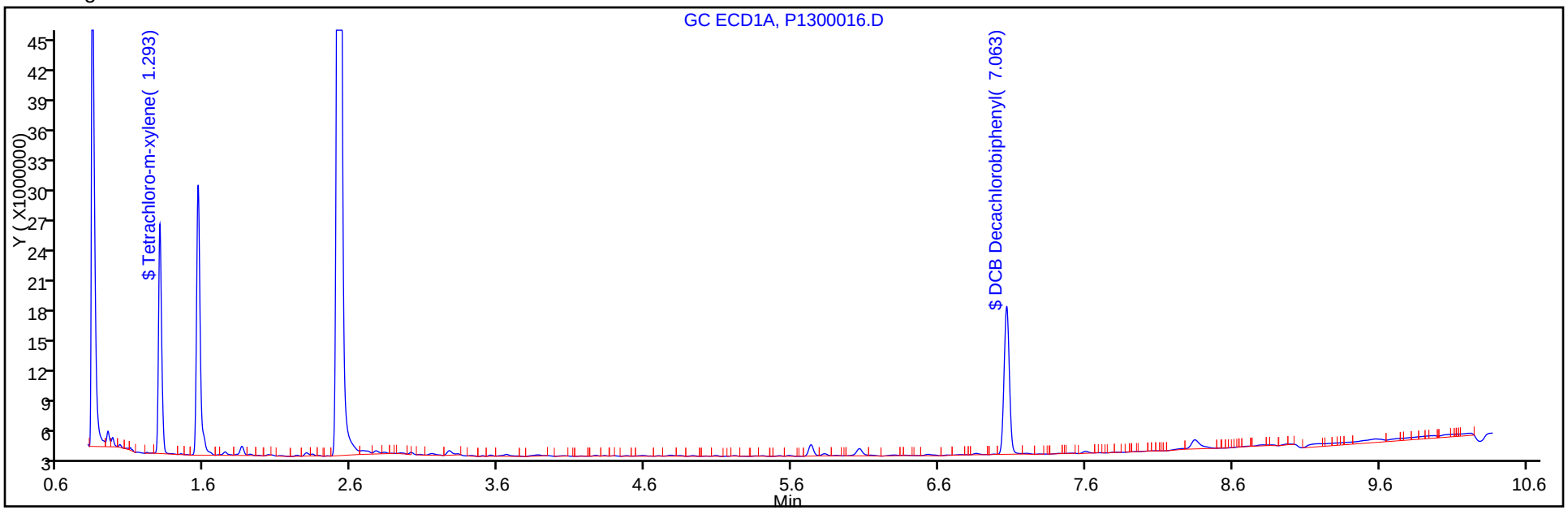
Report Date: 04-Dec-2012 13:26:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

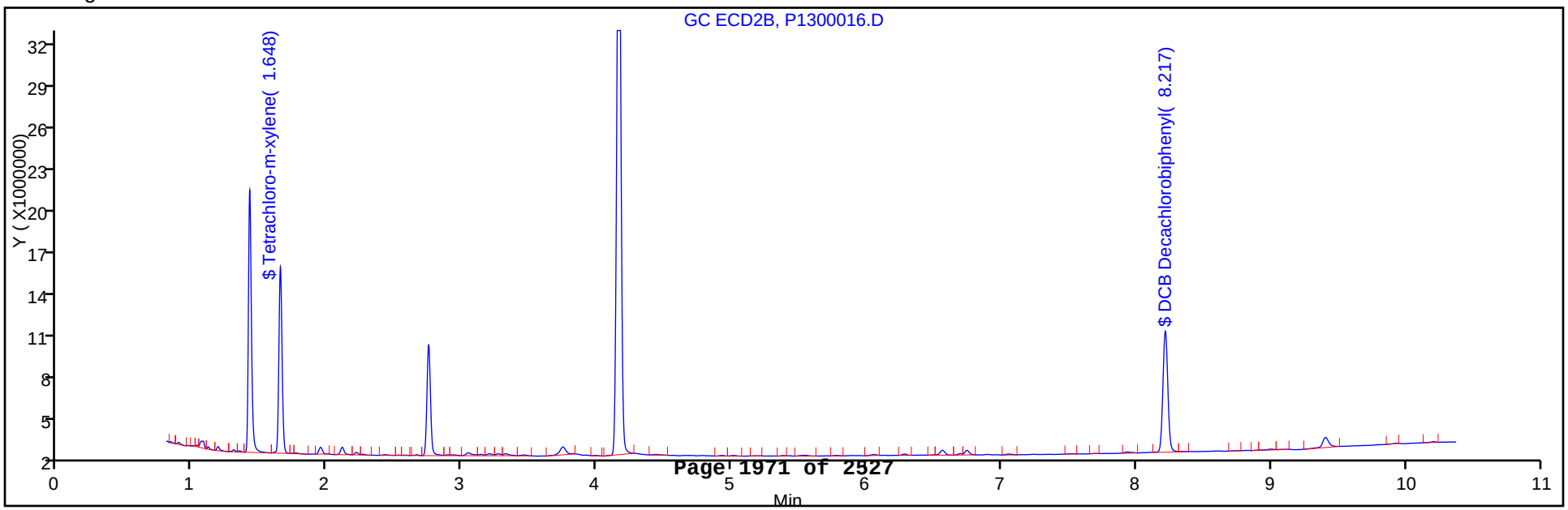
Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300016.D

Injection Date:	04-Dec-2012 04:57:51	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0042M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	67173	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 mL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0043M-0001-SO Lab Sample ID: 240-17768-15

Matrix: Solid Lab File ID: P1300017.D

Analysis Method: 8082/DOD Date Collected: 11/14/2012 15:55

Extraction Method: 3540C Date Extracted: 11/29/2012 11:28

Sample wt/vol: 29.96(g) Date Analyzed: 12/04/2012 05:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(mL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	67		40-140
2051-24-3	DCB Decachlorobiphenyl	72		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300017.D		
Lims ID:	240-17768-E-15-F	Client ID:	076SB-0043M-0001-SO
Inject. Date:	04-Dec-2012 05:12:45	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015489-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 mL	ALS Bottle#:	17
Lims Batch ID:	67173	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m		
Last Update:	04-Dec-2012 13:26:47	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 04-Dec-2012 06:17:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.292	1.291	0.001	30690016	0.0134			
2	2	1.649	1.648	0.001	20478287	0.0143			
						RPD = 5.83			
3 PCB-1221									1
1	2		1.439						
1	3		1.590						
1	4		1.559						
2	4		1.944						
2	5		2.085						
2	6		2.144						
5 PCB-1242									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.061	7.063	-0.002	33512640	0.0144			
2	2	8.216	8.216	0.000	20667247	0.0153			
						RPD = 6.67			

QC Flag Legend

Processing Flags
1 - Missing Peaks

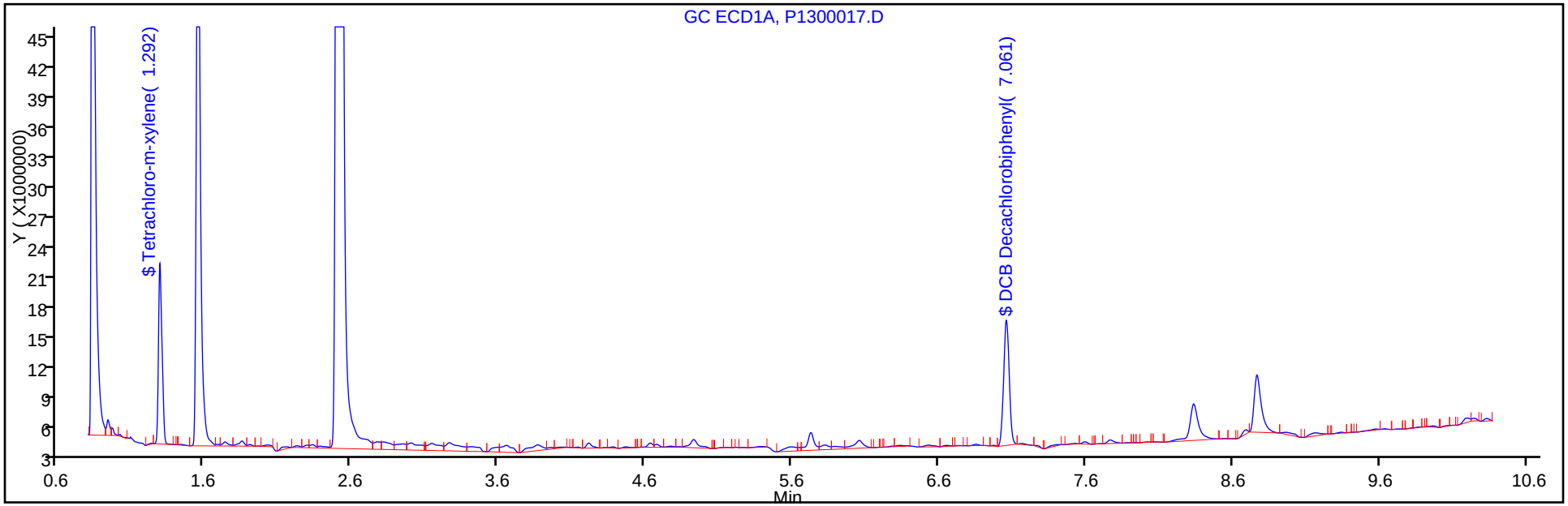
Report Date: 04-Dec-2012 13:26:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

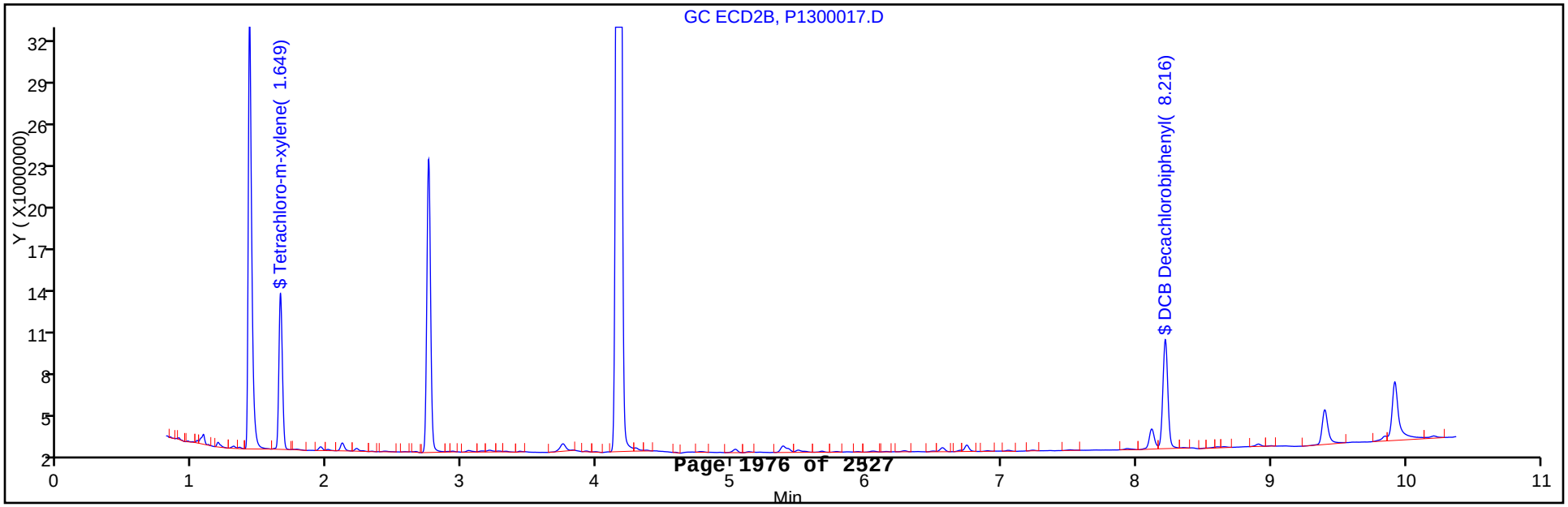
Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300017.D

Injection Date:	04-Dec-2012 05:12:45	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	67173	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 mL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17768-1

SDG No.:

Client Sample ID: 076SB-0043M-0001-SO | Lab Sample ID: 240-17768-15

Matrix: Solid | Lab File ID: P1300017.D

Analysis Method: 8082/DOD | Date Collected: 11/14/2012 15:55

Extraction Method: 3540C | Date Extracted: 11/29/2012 11:28

Sample wt/vol: 29.96(g) | Date Analyzed: 12/04/2012 05:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(mL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67173 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U H	50	25	16
12674-11-2	Aroclor-1016	25	U H	65	25	21
11141-16-5	Aroclor-1232	25	U H	45	25	14
53469-21-9	Aroclor-1242	25	U H	40	25	13
12672-29-6	Aroclor-1248	25	U H	55	25	17
11097-69-1	Aroclor-1254	25	U H	55	25	17
11096-82-5	Aroclor-1260	25	U H	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	71		40-140
2051-24-3	DCB Decachlorobiphenyl	77		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300017.D		
Lims ID:	240-17768-E-15-F	Client ID:	076SB-0043M-0001-SO
Inject. Date:	04-Dec-2012 05:12:45	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015489-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 mL	ALS Bottle#:	17
Lims Batch ID:	67173	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m		
Last Update:	04-Dec-2012 13:26:47	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK025		

First Level Reviewer: hassl Date: 04-Dec-2012 06:17:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.292	1.291	0.001	30690016	0.0134			
2	2	1.649	1.648	0.001	20478287	0.0143			
						RPD = 5.83			
3 PCB-1221									1
1	2		1.439						
1	3		1.590						
1	4		1.559						
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1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.716						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
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1	100		1.557						
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1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
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1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						
$ 12 DCB Decachlorobiphenyl									
1	100	7.061	7.063	-0.002	33512640	0.0144			
2	2	8.216	8.216	0.000	20667247	0.0153			
						RPD = 6.67			

QC Flag Legend

Processing Flags
1 - Missing Peaks

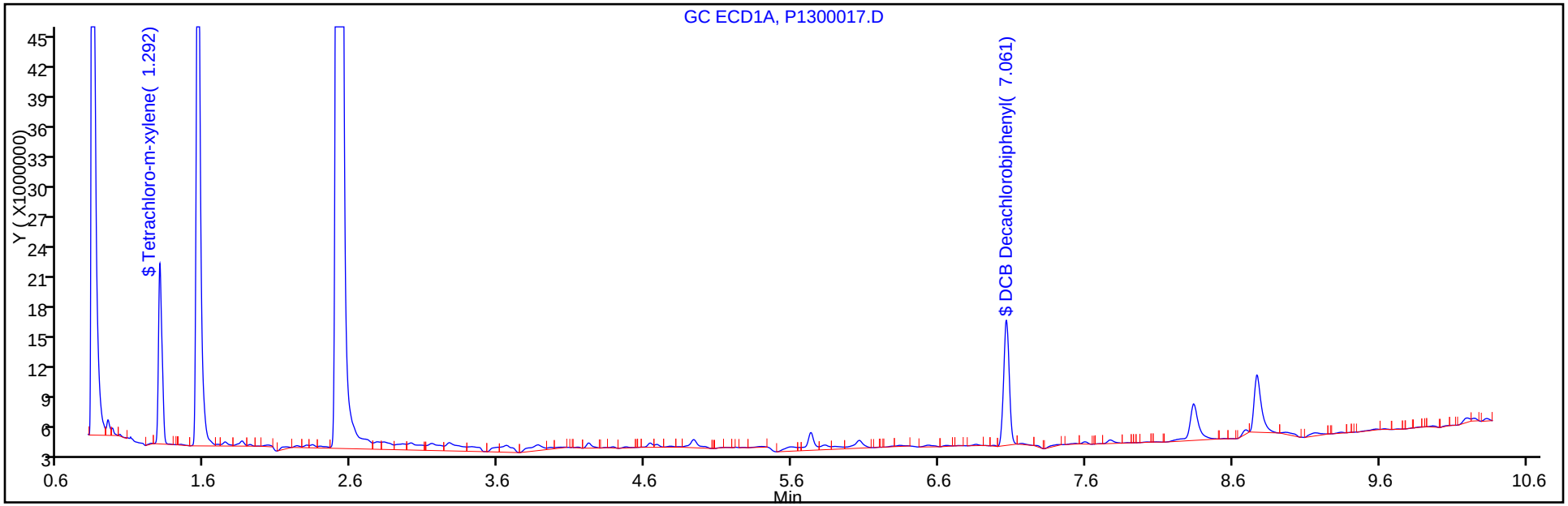
Report Date: 04-Dec-2012 13:26:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300017.D

Injection Date:	04-Dec-2012 05:12:45	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0043M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	67173	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 mL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value